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Washington, DC 2034





#### 2010: A YEAR OF TRANSITION AND ACHIEVEMENT

2010 ANNUAL REPORT

#### CORPORATE PROFILE

#### Chesapeake Energy Corporation is the second-largest producer of natural gas, a Top 15 producer of oil and natural gas liquids and the most active driller of new wells in the U.S.

Headquartered in Oklahoma City, the company's operations are focused on discovering and developing unconventional natural gas and oil fields onshore in the U.S. Chesapeake owns leading positions in the Barnett, Haynesville, Bossier, Marcellus and Pearsall natural gas shale plays and in the Granite Wash, Cleveland, Tonkawa, Mississippian, Bone Spring, Avalon, Wolfcamp, Wolfberry, Eagle Ford,



Niobrara and Utica unconventional liquids-rich plays. The company has also vertically integrated its operations and owns substantial midstream, compression, drilling and oilfield service assets. Chesapeake's stock is listed on the New York Stock Exchange under the symbol CHK. Further information is available at www.chk.com where Chesapeake routinely posts announcements, updates, events, investor information, presentations and press releases.

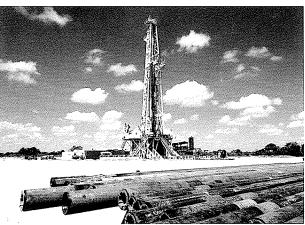
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ON THE COVER Moving west, a Chesapeake rig drills toward the Niobrara Shale in the Powder River Basin of southeastern Wyoming, one of several new liquids-rich plays that are enabling the company to increase its profitability and return on capital.

#### DEAR FELLOW SHAREHOLDERS >>>

2010 was a very important year of transition and achievement for Chesapeake, a year in which we initiated three very important strategic shifts: from asset gathering to asset harvesting, from focusing exclusively on natural gas to a balanced focus on natural gas and liquids and from having a leveraged balance sheet to one worthy of an investment grade rating.



2010 also marked a truly transformative year for our industry. We and a handful of our peers enhanced our capabilities to find and produce significant new resources of oil and natural gas liquids (collectively, "liquids") in unconventional formations. Chesapeake and these other companies combined creativity, innovation and technology to reinvent the way that our industry explores for and produces natural gas and liquids.

Furthermore, 2010 was the year when global energy companies more fully recognized the importance of these developments and the tremendous opportunities that have emerged in the U.S. Through a wide variety of transactions, including several led by Chesapeake, the global energy industry made it clear that the assets owned by Chesapeake and some of its peers are the most attractive in the world. This realization has already increased the value of highguality unconventional assets in the U.S. and, in time, should lead to higher

stock prices for the leading U.S. onshore E&P companies, especially Chesapeake. Simply put, the global energy industry is beating a path to our door, and we are welcoming it with open arms.

Before we move ahead, I want to emphasize that even though 2010 was a year of transition and achievement, our stock price was essentially unchanged. Nevertheless, it was still a very strong year for the company operationally and financially. Here are the year's highlights for your review:

- >> Average daily natural gas and oil production increased 14% from 2.5 billion cubic feet of natural gas equivalent (bcfe) in 2009 to 2.8 bcfe in 2010;
- >> Proved natural gas and oil reserves increased 20% in 2010, from 14.3 trillion cubic feet of natural gas equivalent (tcfe) to 17.1 tcfe;
- Reserve replacement for 2010 reached 375% at a drilling, completion and net acquisition cost of only \$0.76 per thousand cubic feet of natural gas equivalent (mcfe)<sup>(i)</sup>;
- >> Realized hedging gains were \$2.1 billion;
- >> Revenues increased 22% to \$9.4 billion;
- >> Adjusted ebitda<sup>(2)</sup> increased 15% to \$5.1 billion;
- >> Operating cash flow<sup>(2)</sup> increased 5% to \$4.5 billion; and
- >> Adjusted earnings per fully diluted share<sup>(2)</sup> increased 16% to \$2.95.

Home to three distinct forms of hydrocarbons: dry natural gas, natural gas liquids and oil, the Eagle Ford Shale in South Texas epitomizes Chesapeake's shift to a balanced focus on natural gas and liquids. 2010 ANNUAL REPORT | 2

|                          | 266              | 5 12 <b>;</b>                           | > ^           | יור         | ∾ 4          | <u>л</u> –      | 16     | -        | - (5)          | - 1                     | Ξı               | I      |         | [ ]             | I | ιΞ                   | - E                                    | (0.02)                                  | _<br>(0.02)                             | (0.02)   | (0.02)<br>(1)<br>4                   | <b>79</b><br>31                            | <b>137</b><br><b>142</b><br>2.43<br>18.71<br>18.71<br>3<br>0.3  | <b>4</b> 2.68 2.68 0.67 1.09 150  | - 1.18                 |
|--------------------------|------------------|---|---------------|-------------|--------------|-----------------|--------|----------|----------------|-------------------------|------------------|--------|---------|-----------------|---|----------------------|--|---|---|----------|--------------------------------------|--|---|---|------------------------|
| Vears Ended Time 30      | ម                | \$                                      |               |             |              |                 |        |          |                |                         |                  |        |         |                 |   |                      | Ş                                      | \$                                      | ş                                       | Ş        | ~~~~<br>~~~~                         | <b>~~~</b>                                 | <b>~</b> ~ ~ ~  | ~~ ~~   | ŝ                      |
|                          | Ŷ                | 22<br>7                                 | <b>6</b> 7 (  | 1 1 1       | ~ 5          | <u>و</u> ا      | 22     | 7        | <u>6</u> -     | - 1                     | 5                | 1      |         | 4               | I | 4                    | 4 1                                    | 0.08                                    | 0.08                                    | 0.08     | 0.08<br>19<br>16                     | 126<br>48<br>31                            | <b>142</b><br><b>141</b><br>1.98<br>18.27<br>7<br>0.5   | 10<br>2.21<br>0.21<br>0.15<br>0.31<br>0.99<br>250                           | 0.85                   |
|                          | 1994             | \$                                      |               |             |              |                 | ,      |          |                |                         |                  |        |         |                 |   |                      | ŝ                                      | \$                                      | \$                                      | \$       | ه ده م                               | <b>、</b> 、、                                | <b>*</b> * *  | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~                                      | s                      |
|                          | 5                | 22 B                                    |               | ۰ — ۱       | 4 ∞          | - 27            | 43     | 23       | 6,             | 7 I                     | 18 (2)           | I      | 9       | - 15            |   | 12 -                 | - 21                                   | 0.22                                    | 0.22                                    | 0.21     | 0.21<br>55<br>46                     | 277<br>146<br>45                           | <b>243</b><br>243<br>188<br>25<br>25<br>1.1   | <b>32</b><br>1.78<br>0.11<br>0.03<br>0.85<br>325                            | 5.64                   |
| 1                        | 1995             | Ş                                       |               |             |              |                 |        |          |                |                         |                  |        |         |                 |   |                      | Ş                                      | ¢<br>0                                  | \$                                      | ş        | <u>ه</u> د ه                         | <b>~~~</b>                                 | <b>~</b> ~~~  | ~~~~~   | \$                     |
|                          |                  | 35                                      | 40            | 2 2 2       | γX           | 54              | 001    | 46       | (14)           | т I                     | 36 (10)          |        | 13      | - 23            | I | - 23                 | - 23                                   | 0.43                                    | 0.43                                    | 0.40     | 0.40<br>121<br>88                    | <b>572</b><br>268<br>178                   | <b>425</b><br>547<br>2.41<br>2.090<br>52<br>1.4   | <b>60</b><br>1.84<br>0.11<br>0.03<br>0.08<br>0.90<br>344                    | - 29.52                |
| 2<br>2<br>1              | 9661             | Ś                                       |               |             |              |                 |        |          |                |                         |                  |        |         |                 |   |                      | Ş                                      | \$ 0                                    | \$<br>0                                 | \$       | <del>ه</del> ۵ م                     | <b>~~~</b>                                 | \$ \$ <b>\$</b>   | ~~~~~~  | \$ Z9                  |
|                          |                  | 193<br>76                               | F03           |             | 9<br>75      | 107             | 142    | 173)     | ()<br>()<br>() | = 6                     | (14)             | ` I    | (4)     | - 183)          | 1 | - (183)              | - (183)                                | (5.79)                                  | _<br>(2.79)                             | (2.79)   | -<br>(2.79)<br>84<br>161             | <b>949</b><br>509<br><b>287</b>            | <b>403</b><br><b>437</b><br>437<br>18.38<br>62<br>2.8   | <b>79</b><br>2.45<br>0.15<br>0.05<br>0.11<br>1.36<br>362<br>362             | .02                    |
|                          | 1661             | ~~ ·                                    | •             |             |              |                 |        |          |                |                         |                  | *      |         | <u> </u>        |   | 0                    | \$                                     | \$ (2                                   | \$ (2                                   | \$ (2    | \$ \$ \$<br>\$                       | \$ \$ \$ \$                                | \$ \$ <b>\$</b>   | ×××××   | ა <b>ა</b>             |
| ths<br>I                 | er 31            | 96                                      | * °           | 5 7 9       | 58 ¢         | 10              | 47     | 93)      | (8L)           | 2 1                     | 61               | `      | 1       | (32)            |   | - (32)               | (32)                                   | (0.45)                                  | _<br>(0.45)                             | (0.45)   | -<br>139<br>68                       | 953<br>509<br>280                          | 6 <b>7</b><br>59<br>59<br>50<br>50<br>50<br>50<br>50<br>50<br>50<br>50<br>50<br>50<br>50<br>50<br>50  | <b>38</b><br>2.49<br>0.20<br>0.07<br>0.15<br>360<br>360                     | 04<br>20               |
| Six Months<br>Ended      | )ecember<br>1997 | \$                                      | -             |             |              | ·               |        |          | _              |                         |                  |        |         | <u> </u>        |   | 0                    | \$                                     | \$ (0.                                  | \$ (0.                                  | \$ (0.   | \$ ~ \$<br>0-<br>0-                  | <b>5 2 3</b>                               | <b>4 4 4 4</b>  | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~                                      | \$<br>\$               |
| ,<br>1<br>1              |                  | 257<br>121<br>770                       | و ت<br>2      | ς ∞ p       | 70<br>70     | 25              | 34     | 56)      | 68)            | 14)                     | 34)              |        | 1       | (934)           |   | (12)                 | (946)                                  | (16.9)                                  | (16.9)                                  | (76.6)   |                                      | 813<br>919<br>(249)                        | 661<br>94<br>94<br>0.0  | <b>130</b><br>1.97<br>0.39<br>0.06<br>0.15<br>4.81<br>4.81                  | 94                     |
|                          | 8661             | \$                                      | n             |             |              | - u             | 1,2    | 8)       | <u> </u>       |                         | 6                |        |         | 6)              |   | 6) -                 | ۶<br>(6                                | \$ (9.                                  | \$ (9.                                  | \$ (9.   | \$<br>\$<br>1                        | \$ \$ \$<br>\$ \$                          | <b>1,0</b><br>5 <b>6</b><br>5 10.   |   | 00<br>00               |
| 8<br>6<br>1<br>1         |                  | 280<br>75<br>75                         | 6 y           | t ⊡ t       | 15           | - 03            | 47     | 80       | (8)            | >                       | 35               |        | 2       | ـ<br>۲          |   | <b>33</b><br>(16)    | - 11                                   | 0.17                                    | 0.17                                    | 0.16     |                                      | <b>851</b><br>964<br>(218)                 | <b>30</b><br>11<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12   | <b>133</b><br>2.10<br>0.35<br>0.10<br>0.10<br>0.77<br>424                   | 2.38                   |
|                          | 6661             | * \$                                    | 0             |             |              | -               | 2      | -        | 0              |                         |                  |        |         |                 |   |                      | Ş                                      | \$ 0.                                   | \$                                      | \$ 0.    |                                      | \$ ~ \$<br>8 6 7                           | <b>1,206</b><br><b>5 1,089</b><br>5 2.25<br>5 24,72<br>109  | * 0 0 0 0 7 <b>1</b>  | \$ 2.                  |
|                          |                  | 470<br>158                              | <b>07</b>     | 52 :        | 152          | g I             | 49     | 79       | (86)           | ן י                     | (83)<br>196      |        | (260)   | - 20            | 1 | <b>456</b> (9)       | 454                                    | 3.52                                    | 3.52                                    | 3.01     | <b>3.01</b><br>315<br><b>306</b>     | <b>3</b> 45 <b>5</b>                       | <b>355</b><br>355<br>355<br>354<br>354<br>116<br>351<br>351   | <b>5</b> 2 81 0 2 <b>5</b>  | - 13                   |
|                          | 2000             | ې - 4<br>1 - 1                          | o -           |             | -            | .=              | l∾<br> | 2        | 0              |                         |                  |        | Š       | 4               |   | 4                    | \$                                     | \$ 3.                                   | \$ 3.                                   | \$ 3.    | × ↔ ×                                | <b>\$ 1,440</b><br>\$ 945<br><b>\$ 313</b> | 1,355<br>5,046<br>5,046<br>5 10.12<br>5 26.41<br>116<br>3.1   | <b>134</b><br>5 3.50<br>5 0.37<br>5 0.19<br>5 0.10<br>5 0.10<br>5 0.81      | -<br>\$ 10.12          |
|                          | -                | 820<br>149                              | 2 H           |             | 51<br>144    | 22 -            | 6      | 0        | ( <u>8</u> 2   | 3)                      | 362              | 4      | =       | 217             |   | <b>217</b>           | _<br>215                               | 33                                      | 1 12                                    | 5        | 1 10 20 10                           | 6  | 0 1 10 23 4 6   | 2 2 6 6 7 2   |                        |
|                          | <b>Z00</b>       | \$ 82                                   | 5             |             | 7[           | ₩.              | 44     | 25       | 5              | Ð                       | 508              |        | ~       | . 2             |   | 5                    | , 21                                   | 1.33                                    | 1.33                                    | 1.25     | \$ 1.25<br>\$ 478<br>\$ 443          | \$ 2,287<br>\$ 1,329<br>\$ 767             | <b>1,78</b><br><b>1,64</b><br><b>1,64</b><br><b>1,64</b><br><b>1,78</b>   | <b>161</b><br>5 4.56<br>5 0.47<br>5 0.20<br>5 0.09<br>5 1.12<br>677         | - 9.61                 |
| 1<br>1<br>1<br>1         |                  |   | <br>π α       | 30          | 166          | 90 I            | -      | 2        | 2 ~            | . 6                     | -12              | (5)    | 5       | 0 <u>0</u>      |   | <b>40</b> (10)       | 1 8                                    | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ |   | -        |                                      |  | <b>1</b> 1 2 2 2 2 2 1  |   | <br>9 <b>4</b>         |
|                          | 2002             | \$ 568<br>171                           |               |             | - 10         | - 52            | 52     | 51       | (112)<br>7     | 0                       | (125)            | 0      | 2       | 4 '             |   | 4 0                  | · M                                    | \$ 0.18                                 | \$ 0.18                                 | 0.17     | \$ 0.17<br>\$ 429<br>\$ 409          | \$ 2,876<br>\$ 1,651<br>\$ 908             | <b>2,205</b><br><b>3,718</b><br>4.28<br>30.18<br>161<br>161   |   |                        |
| 8<br>2<br>6              |                  |   | - a           | ) co *      | 4 0          | و<br>و          | 2      | 2        | () [           | . (;                    | = <del>(</del> ) | Ś      | 5       | - 311           | 2 | <b>313</b> (22)      |  |   |   | \$       |                                      |  | <b>6 M</b> 8 7 0 F  |   |                        |
| Vaars Endard Daramhar 31 | 2003             | \$ 1,297<br>420<br>517                  | 21            | <u>i</u>    | 24<br>410    | 38              | 1,04   | 675      | (15            | 0                       | (174)<br>501     |        | 8       | i~ '            |   | <b>313</b><br>(22)   | - 291                                  | 1.36                                    | 1.38                                    | 1.2      | 939<br>897                           | <b>4,572</b><br>2,058<br><b>1,733</b>      | <b>3,169</b><br><b>3,169</b><br><b>5</b> ,568<br><b>5</b> ,7333<br><b>5</b> ,758<br><b>5</b> ,768<br><b>5</b> ,7333<br><b>5</b> ,769<br><b>5</b> ,768<br><b>5</b> ,777<br><b>5</b> ,777 <b>5</b> ,777<br><b>5</b> ,777<br><b>5</b> ,777<br><b>5</b> ,777<br><b>5</b> ,777<br><b>5</b> ,777<br><b>5</b> ,777 <b>5</b> ,7777<br><b>5</b> ,7777<br><b>5</b> ,7777<br><b>5</b> ,7777<br><b>5</b> ,77777<br><b>5</b> ,77777<br><b>5</b> ,777777777777777777777777777777777777 | <b>268</b><br>4.79<br>0.51<br>0.29<br>0.09<br>1.44<br>1.192                 | 0.15<br>13.5           |
|                          |                  |   | <b>.</b>      |             | ~ 5          | <u>ہ</u> ا      |        | ~        | <u>ر</u> د     | 5)                      | 5                |        | 0       | <br>س           |   | <b>515</b> (40)      | (36)<br><b>439</b> \$                  |   |   | ~~~~     |                                      |  |   | ••••••••••••••••••••••••••••••••••••••                                      | ~ 0                    |
|                          |                  | 1,936<br>773<br>700                     | <b>7</b> 0    | 22          | 755          | jo<br>I         | 1,71   | 992      | 91)            | (25)                    | (187<br>805      | I      | 290     | - 21            |   | 5 SI                 |  | 1.73                                    | 1.73                                    | 1.53     | 1.53<br>1,432<br>1,403               | 8,245<br>3,075<br>3,163                    | 3 <b>10, 4</b>  |   | 0.17<br>16.50          |
|                          |                  | ~~~~~                                   |               |             |              |                 |        | ~        |                |                         |                  |        |         | ~ -             |   | <u>,</u> (2)         | <u>s</u>                               | \$<br>                                  | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | ~        |                                      | •••••                                      | ••••  |   | ·····                  |
| <b>3</b> A               | 2005             | 3,273<br>1,392<br><b>1,665</b>          | 4,00,4        | 208         | o4<br>1,358  | 94.             | 2,89   | 1,773    | (22            | 0 <u>(</u> 0 <u>/</u> ) | 1,492            | ļ      | 545     | 947             | 1 | <b>947</b><br>(42)   | (26)<br>8 <b>79</b>                    | 2.73                                    | 2.73                                    | 2.51     | <b>2.51</b><br>2,407<br><b>2,426</b> | <b>16,114</b><br>5,286<br><b>6,299</b>     | 2 2 2   | 469<br>6.90<br>0.68<br>0.68<br>0.44<br>0.14<br>2,885<br>2,885               |                        |
|                          |                  | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ |               |             |              | ~ 0             | ~      | <b>.</b> | <u> </u>       |                         |                  | ۍ<br>ا | ~       | <b>x</b> t 1    | , | <b>4</b> 6           | <b>\$</b>                              | \$<br>                                  |   | \$<br>\$ | •••••                                | * * * *                                    |   |   | ~ ~ ~                  |
|                          | 2006             | 5,619<br>1,707<br><b>7 276</b>          | 07 <b>6</b> 7 | 9/1         | 1,590        | 1,462<br>55     | 3,91   | 3,414    | (316)<br>76    | 117                     | (173)<br>3,241   | _,     | 1,242   | 1,99,           | I | 1,994<br>(89)        | (10)<br><b>1,895</b>                   | 4.76                                    | 4.76                                    | 4.33     | <b>4.33</b><br>4,843<br><b>4,040</b> | <b>24,413</b><br>7,187<br><b>11,366</b>    | 8,956<br>13,647<br>5.41<br>5.41<br>5.6.25<br>526<br>8.7   | <b>5/8</b><br>8.86<br>8.86<br>0.85<br>0.31<br>0.31<br>0.24<br>4,883<br>2.53 | 2.0<br>29.02           |
|                          |                  | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~  |               |             | 0.00         | ~ .             |        |          | <u> </u>       |                         | <u> </u>         |        | ~       |                 |   |                      | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ |   | \$                                      | \$       | * · · · ·                            | •••••                                      | •••••   |   | ~ <b>~</b>             |
|                          | 2007             | 5,624<br>2,176<br><b>7 800</b>          | , oou         | 216         | 245<br>2,063 | 1,98            | 5,15(  | 2,65(    | (40            | 83                      | (303<br>2,347    | 29     | .98     | 1,455<br>       | I | <b>1,455</b><br>(94) | (128)<br><b>1,233</b>                  | 2.70                                    | 2.70                                    | 2.63     | 2.63<br>4,974<br>4,675               | <b>30,764</b><br>10,178<br><b>12,624</b>   | <b>10,879</b><br>20,573<br>6.19<br>90.58<br>9.5<br>9.9  | 114<br>8.40<br>0.90<br>0.30<br>0.34<br>0.34<br>2.78<br>6,219                | 39.20<br>39.20         |
| 8<br>8<br>8<br>9         | -                | ~                                       |               |             |              |                 |        |          | ~ ~            |                         | <u> </u>         |        |         |                 |   | - 6                  | <b>\$</b>                              | ~                                       |   | ~        | ***                                  | ••••                                       | ~~~~  |   | ··· ···                |
| 8<br>8<br>8<br>8<br>8    | 2008             | 7,858<br>3,771<br>11 670                | 1,04:1<br>889 | 284         | 3,648        | 2,144<br>2,830  | 10,172 | 1,457    | (1/2)          | (184)                   | (466)<br>991     | 423    | ۳<br>ا  | 604             | I | <b>604</b><br>(33)   | (67)<br><b>504</b>                     | 0.94                                    | 0.94                                    | 0.93     | 0.93<br>5,357<br>5,299               | <b>38,593</b><br>13,175<br><b>17,017</b>   | 12,051<br>15,601<br>5.12<br>41.60<br>775<br>11.2  |   | 0.2925<br><b>16.17</b> |
| 1<br>1<br>1<br>1<br>1    |                  | ~                                       |               |             |              |                 |        |          | ~ ~            |                         |                  |        |         | ~ ~             |   | <u> </u>             | \$                                     | \$<br>                                  | \$ (                                    | \$       | ****                                 | ••••                                       | •••••   |   | •••                    |
|                          | 2009             | 5,049<br>2,653<br>7707                  | 876           | 101<br>7 01 | 249<br>2,498 | 1,615<br>11,202 | 16,647 | (8,945   | (113)          | (202)                   | (343) (9,288)    | 4      | (3,487) | (5,805)<br>(25) | I | (5,830)<br>(23)      | _<br>(5,853)                           | (9.57)                                  | (12.6)                                  | (6.57)   | (9.57)<br>4,356<br>4,333             | <b>29,914</b><br>12,295<br><b>12,341</b>   | <b>14,254</b><br>9,449<br>3.13<br>56.72<br>835<br>835   | 906<br>6.22<br>0.97<br>0.12<br>0.38<br>1.78<br>8,152<br>8,152               | 0.50<br><b>25.88</b>   |
|                          |                  | ∽<br>                                   |               | -<br>-      |              | _ (             |        |          | 0              | (                       |                  |        |         |                 |   | . (                  | ~                                      | ~                                       | s                                       | \$       | ••••                                 | ~~~~                                       | <b>ა</b> ია   | ••••••  | ~ <b>^</b>             |
|                          | 2010             | 5,647<br>3,719<br>0.266                 | 208           | 5 15 5      | 41)<br>3,560 | 1,614<br>(116)  | 6,561  | 2,805    | (19)<br>743    | (145)                   | 2,884            | 1      | 1110    | - 1,774         | 1 | 1,774<br>(111)       | - 1,663                                | 2.63                                    | 2.63                                    | 2.51     | 2.51<br>5,117<br>4,548               | <b>37,179</b><br>12,640<br>15,264          | 17,096<br>15,146<br>3.52<br>75.17<br>925<br>18.4  | 1,055<br>6.09<br>0.86<br>0.15<br>0.44<br>1.56<br>10,021                     | U.SU<br>25.91          |
| ~                        |                  | Ś                                       |               |             |              |                 |        |          |                |                         |                  |        |         |                 |   |                      | s                                      | ŝ                                       | s                                       | \$       |                                      | ~~~~                                       | <b>~~~</b> ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~  | ~~~~~   | ~ <b>~</b>             |

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## FINANCIAL REVIEW (\$ in millions, except per share data)

## **Financial and Operating Data** Revenues

Natural gas and oil sales

Marketing, gathering, compression and service operations sales Total revenues

Operating costs

General and administrative expenses Production expenses Production taxes

Marketing, gathering, compression and service operations expenses Depreciation, depletion and amortization

Impairments and other

Total operating costs Income (loss) from operations

Interest expense Other income (expense)

Miscellaneous gains (losses)

Total other income (expense)

Income (loss) before income taxes and cumulative effect of accounting change Income tax expense (benefit):

Current

• = 1

Deferred

Net income (loss) before cumulative effect of accounting change, net of tax Net (income) loss attributable to noncontrolling interest

Cumulative effect of accounting change, net of tax

Net income (loss) Preferred stock dividends

Gain (loss) on conversion/exchange of preferred stock

Net income (loss) available to common shareholders

Earnings per common share – basic:

Income (loss) before cumulative effect of accounting change Cumulative effect of accounting change EPS – basic

Earnings per common share – diluted:

Income (loss) before cumulative effect of accounting change Cumulative effect of accounting change

EPS – diluted Cash provided by (used in) operating activities (GAAP)

Operating cash flow (non-GAAP)\*

# Balance Sheet Data (at end of period)

Long-term debt, net of current maturities Stockholders' equity (deficit) Total assets

## **Other Operating and Financial Data**

Future net natural gas and oil revenues discounted at 10%\*\* Natural gas price used in reserve report (per mcf)\*\*\* Oil price used in reserve report (per bbl)\*\*\* Proved reserves in natural gas equivalents (bcfe) Natural gas production (bcf) Oil production (mmbbl) Production (bcfe)

Sales price per mcfe\*\*\*\* Production expense per mcfe

General and administrative expense per mcfe Production taxes per mcfe

Depreciation, depletion and amortization expense per mcfe Number of employees (full-time at end of period)

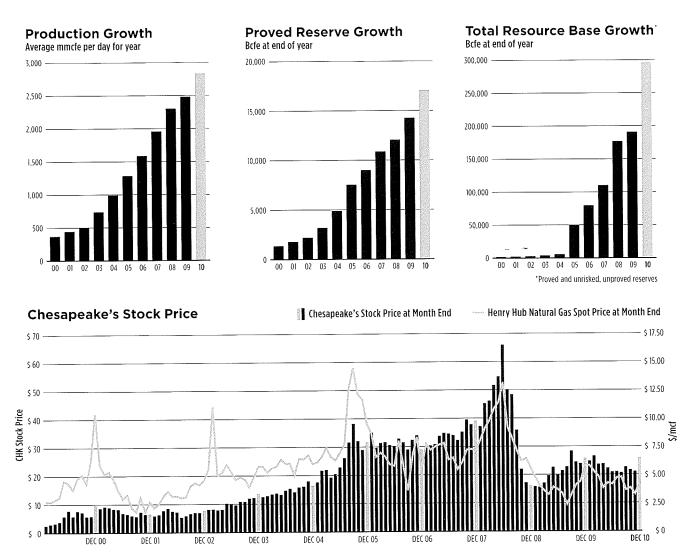
Cash dividends declared per common share

Stock price (at end of period - split adjusted)

 See page 14 for definition of this non-6AAP measure. ;

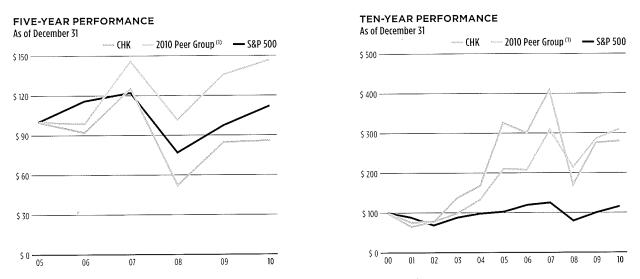
PV-10 is the present value (10% discount rate) of estimated future gross revenues to be generated from the production of proved reserves, net of production and future development costs, using assumed prices and costs. Please see page 113 of our form 10-K for information on the standardized measure of discounted future net cash flows. Adjusted for field differentials. :

\*\*\*\* Excludes unrealized gains (losses) natural gas and oil hedging.



#### Chesapeake's Five-Year and Ten-Year Common Stock Performance

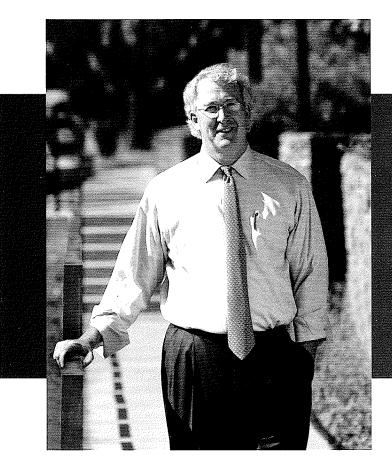
The graphs below compare the performance of our common stock to the S&P 500 Stock Index and a group of peer companies for the past five and 10 years. The graph on the left assumes an investment of \$100 on December 31, 2004 and the reinvestment of all dividends. The graph on the right assumes an investment of \$100 on December 31, 1999 and the reinvestment of all dividends. The graphs show the value of the investment at the end of each year.



<sup>(1)</sup> The 2010 peer group is comprised of Anadarko Petroleum Corp., Apache Corp., Devon Energy Corp., Encana Corp. and EOG Resources, Inc. XTO Energy, Inc. was not included in the 2010 peer group due to its acquisition by Exxon Mobil Corp.

#### Strong Partners

Over the past few years, in addition to gathering the industry's best assets, Chesapeake has also built the industry's finest collection of global energy partners and energy stock investors. We have now entered into transactions with PXP, BP, Statoil, Total, CNOOC and BHP Billiton. Collectively, we have sold these companies certain assets for total consideration of \$20.5 billion in the form of cash and drilling and completion carries for which our net cost was only \$6.1 billion resulting in overall value creation of \$14.4 billion. While these transactions have been very



rewarding to our buyers, they have been truly outstanding for Chesapeake, providing us an attractive source of capital, a reduction of risk, a quick recovery of our leasehold investment in new plays and a much greater ability to capture a large resource base with decades of highly profitable drilling opportunities.

In addition, we are the only U.S. E&P company that has attracted to its stock ownership roster some of the world's leading governmentsponsored investors: Temasek Holdings (Singapore), China Investment Corporation, Korea Investment Corporation and Abu Dhabi Investment Authority. Along with our largest shareholder, Memphis, Tennesseebased Southeastern Asset Management (12%), these shareholders are some of the world's largest and most astute investors, and who also happen to manage some of the world's largest pools of capital and have a very long-term investment horizon. Their support is an important validation of our strategy.

#### Short-Term Pain for Long-Term Gain

Despite this all-star lineup of global partners and investors, some other investors have not yet fully recognized the benefits of our industry leadership in acquiring unconventional natural gas and liquids assets. Whether it was our leveraged balance sheet during recent tough recessionary times, our heavy focus on natural gas during a time of persistent market pessimism about natural gas prices or our large capital investments in undeveloped liquids-rich leasehold undertaken to enable Chesapeake to remain an industry leader in the years ahead, it is clear

Through a wide variety of transactions, including several led by Chesapeake, the global energy industry made it clear that the assets owned by Chesapeake and some of its peers are the most attractive in the world.

« Aubrey K. McClendon, Co-Founder, Chairman and Chief Executive Officer

that we were less popular in the stock market in 2010 than we were in 2009, when our stock price increased by 60%.

We anticipated that some market unpopularity in 2010 would likely be the price we would pay as we positioned Chesapeake to be the leader not only in unconventional U.S. natural gas, but also in unconventional U.S. liquids. However, now that we have largely completed the investments needed to accomplish this transition to a portfolio balanced with liquids, the rebound in our stock price could be sharp as investors begin to focus more clearly on Chesapeake's three-way transition from an asset gatherer to an asset harvester, from less natural gas exposure to more liquids exposure and from a leveraged balance sheet to one worthy of an investment grade rating.

Accordingly, in early January 2011, we announced our "25/25 Plan," a two-year plan designed to reduce our long-term debt by 25% while still growing the company's production by 25%. We designed this plan to articulate very clearly the benefits of becoming an asset harvester

vs. an asset gatherer — namely, lower debt and higher returns on capital. The market has received this plan with favor to date as our stock price is already up 30% in the first quarter of 2011. In addition, having recently closed the sale of our Fayetteville Shale assets to BHP Billiton and recently initiated tender offers for repayment of at least \$2.0 billion of our long-term debt, we are already close to accomplishing the 25% long-term debt reduction portion of our 25/25 Plan. Now we will focus on delivering the other part of the equation, 25% growth in production by year-end 2012.

Beyond the next two years, there will be many other benefits of the three-way transition we began in 2010. In fact, we are increasingly confident that we can double our cash flow and net income by year-end 2015. By accomplishing these goals and also having our historic trading multiples expand a bit, we are hopeful that we can achieve a \$100 stock price by year-end 2015, perhaps creating the need for a "100/15" plan in the process! Clearly it would be an ambitious goal, and to achieve it we will need the world's economy to continue growing, China and other emerging economies to continue their rapidly growing thirst for oil and natural gas, our new plays to meet expectations, oil prices to remain strong and natural gas prices not to weaken from where they are today.

However, Chesapeake's growth from here on will be very mechanical with our "factories" (meaning both our individual wells and our large plays) needing only four inputs for success: land, science, people and capital. We now have gathered enough of these four inputs so that our



The knowledge and experience Chesapeake gained in the Barnett Shale, the granddaddy of all U.S. shale plays, has been instrumental in the company's successful development of all subsequent unconventional natural gas and liquids plays.

factories can run in harvest mode for decades to come, which hopefully can lead to a \$100 stock price by year-end 2015. Again, this would be a very considerable achievement, but your management team enjoys big challenges and we look forward to discussing it further with you in the quarters ahead.

#### Great Assets = A Great Future

The very significant upward trajectory of value creation that Chesapeake is on today is primarily driven by the quality of our assets, which feature dominant positions in 16 of the 20 most important major unconventional natural gas and liquids plays in the U.S. — the Barnett, Haynesville, Bossier, Marcellus, Eagle Ford, Pearsall, Niobrara and Utica shales and the Granite Wash, Cleveland, Tonkawa, Mississippian, Bone Spring, Avalon, Wolfcamp and Wolfberry tight sands and fractured carbonates. Having only missed the Bakken Shale play in the Williston Basin, having passed on the Cana Shale play in Oklahoma and having sold out of the Woodford and Fayetteville shale plays in Oklahoma and Arkansas (for overall value creation of \$5.4 billion), Chesapeake's unrivaled position in the 16 other major U.S. unconventional plays is remarkable and unprecedented and should form the foundation of further substantial value creation for Chesapeake's shareholders for decades to come.

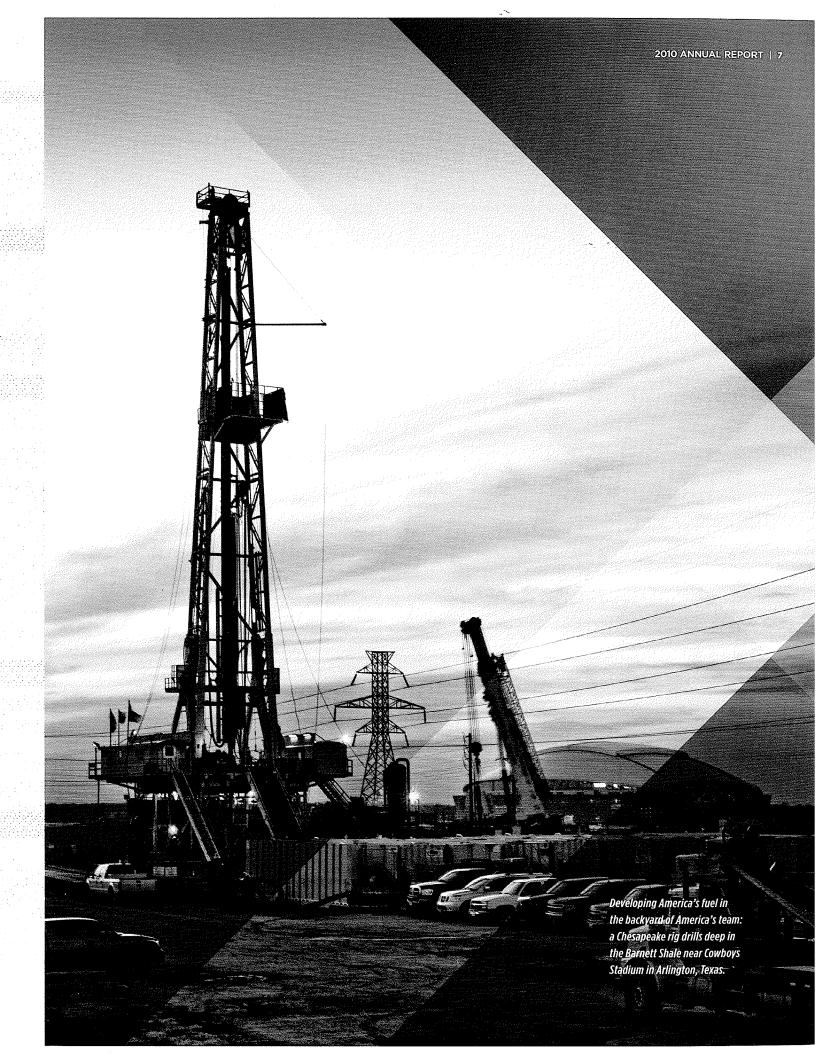
The gathering of these assets has been hard work for our employees and management team, and during 2010 it stretched our balance sheet and tested the patience of some of our shareholders. What is

> clear now, however, is that we have created a tremendous storehouse of value and an abundance of opportunities for bountiful harvests for years to come for our shareholders.

> Given the importance of these 16 unconventional plays, I have provided below a brief summary of our position in each of them:

**Barnett Shale** — Discovered in the 1990s, the Barnett is the granddaddy of all U.S. shale plays. Chesapeake acquired its first assets in the Barnett in 2001, and in 2005 we began aggressively leasing in the core of the play in Johnson and Tarrant counties. Today we own approximately 220,000 net leasehold acres, on which we estimate we could drill up to 2,300 future net wells in addition to our 965 net wells currently producing. We are currently using 18 rigs to develop this inventory of drillsites and our gross operated production in the Barnett recently set a record of more than 1.3 bcfe per day.

Our most important development in the Barnett Shale during 2010 was closing the joint venture agreement on 25% of our assets in the Barnett to Paris-based Total, the fifth-largest oil company in the world. Total paid



#### Growing Demand for U.S. Natural Gas Will Drive Improved Prices in the Years Ahead

Several factors are emerging in the U.S. that will drive increased demand for natural gas, which in turn could improve out year natural gas prices:

#### Growing momentum for CNG passenger and LNG long-haul truck vehicles

Enormous cost savings are available to consumers and businesses that chose to use natural gas as an alternative transportation fuel (\$1.39 per gallon for CNG in Oklahoma, for example, compared to \$3.75-\$4.00 per gallon for gasoline and diesel).

#### Growing industrial demand

With recent low prices for domestic natural gas, U.S. industries that utilize natural gas as a feedstock in their manufacturing processes have a significant cost advantage compared with international peers whose feedstock is indexed either to oil or global natural gas prices.

#### Continuing and accelerating shift from coal to natural gas for U.S. electrical power generation

To clean our environment, dozens of aging coal-powered electricity plants will be retired in the next decade and replaced with the cleaner alternative of natural gas. A combination of shifting power sources and higher utilization within existing gas-fired power plants will likely increase natural gas demand by 10–15 bcf per day over the next decade.

#### Conversion of U.S. LNG import facilities to LNG export facilities

With increasing demand for natural gas around the world and the abundance of U.S. natural gas reserves, producers will be able to tap into higher-margin markets in Europe, South America and Asia once export capabilities are available potentially beginning in 2015.

#### Construction of U.S. gas-to-liquids (GTL) plants

Converting natural gas to a room temperature liquid would allow U.S. natural gas producers to sell products based on world oil prices instead of domestic natural gas prices. Technological advancements continue to gain traction and may make GTL a realistic possibility by 2016.

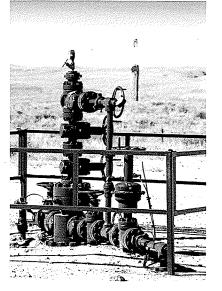
#### U.S. natural gas producers are rapidly moving to a more liquids-rich production base

Due to the premium margins realized in the U.S. when producing liquids as compared to natural gas, there is a meaningful shift of producers targeting liquids-rich drilling prospects. This shift will ultimately help bring

U.S. natural gas markets back into balance by reducing the rigs and capital available for natural gas drilling. \$2.25 billion in cash and drilling carries for its 25% stake in the Barnett, and we are extremely proud to have Total as one of our premier joint venture partners.

Haynesville Shale — The Haynesville Shale in Northwest Louisiana and East Texas is the shale play of which we are most proud (to date) because it was discovered by Chesapeake's own geoscientists and engineers. We conducted our geoscientific investigation of the Haynesville in 2005–06 and tested our theories through drilling in 2007. In 2008 we formed an innovative joint venture agreement with our well-respected industry partner, Houston-based Plains Exploration & Production Company, to which we sold 20% of our Haynesville (and Bossier) assets for approximately \$3.2 billion in cash and drilling carries.

The Haynesville Shale is now the nation's largest producing natural gas shale play, having just recently passed the Barnett Shale in production (in last year's letter, I incorrectly estimated it would take until 2014 for the Haynesville to reach this achievement, a testament to the play's enormous productive potential). Ultimate recoveries from the Haynesville could exceed 250 tcfe, likely making it one of the five largest natural gas fields in the world. Today, we are producing from more than 260 net wells in the Haynesville on our 530,000 net leasehold acres, are currently drilling with 35 rigs and estimate we could drill up to 6,300 additional net wells in the years ahead. Our gross operated production in the Haynesville recently set a record of



nearly 1.6 bcfe per day.

Bossier Shale — This shale overlies about one-third of our Haynesville acreage and is the first of our two "sleeper" natural gas shale plays. The reason is that in Louisiana, leases often restrict the lessee (i.e., the producer) to only holding future drilling rights down through the deepest formation drilled. Because the Bossier lies above the Haynesville,

One producing and one on the way: the Texas Panhandle Granite Wash offers high volumes of natural gas accompanied by highly valued liquids production as well. horizontal wells drilled just to the Bossier may not always hold Haynesville rights. Therefore, Chesapeake and other producers have been drilling aggressively to hold all rights through the Haynesville before the initial three-year term of a typical lease expires. As a result, there has not been much drilling to the Bossier to date. However, once our leases are held by production (HBP) by Haynesville drilling (we expect to be largely complete with HBP drilling by year-end 2011 and completely finished by year-end 2012), we will begin developing the Bossier Shale more aggressively in 2013. In the Bossier play, we own 205,000 net leasehold acres and estimate we could drill up to 2,600 net wells in the years ahead. largest and most respected European energy companies. In this transaction, we sold Statoil 32.5% of our Marcellus assets for \$3.375 billion in cash and drilling carries. Today, having sold 32.5% of our original 1.8 million net leasehold acres, we have returned to owning 1.7 million net leasehold acres in the play and are the industry's leading leasehold owner, largest producer and most active developer. We are producing from more than 100 net wells in the Marcellus on our 1.7 million net acres, are currently drilling with 32 rigs and estimate we could drill up to 21,000 additional net wells in the years ahead.

**Colony and Texas Panhandle Granite Wash** — These liquids-rich plays generate the company's highest returns (routinely more than 100%) and provided the inspiration

The very significant upward

trajectory of value creation that

in 16 of the 20 most important

major unconventional natural gas

Chesapeake is on today is primarily driven by the quality of our assets, which feature dominant positions



and liquids plays in the U.S.

for the company to find other liquids-rich plays in 2010. The Granite Wash, and other plays with liquids-rich gas production streams, provide the strongest economics in the industry today because they possess the best of both worlds: high-volume natural gas production along with

significant volumes of highly valued liquids that dramatically increase investment returns.

We are producing from approximately 150 net Granite Wash wells, are currently drilling with 16 rigs and estimate we could drill up to 1,700 additional net wells on our 215,000 net leasehold acres in the years ahead. Based on current NYMEX futures prices for natural gas and oil, each Granite Wash well should generate approximately \$11.5 million of present value (or up to an undiscounted total of \$19.5 billion for all 1,700 wells), making it obvious why finding, leasing and developing more unconventional liquids-rich plays was Chesapeake's number one priority for 2010. We were very successful

Generating the highest returns in the company, plays like the Oklahoma Colony Granite Wash inspire Chesapeake to find other liquids-rich opportunities.

**Marcellus Shale** — We first became aware of the Marcellus in 2005 when we were negotiating our \$2.2 billion acquisition of Appalachia's second-largest natural gas producer, Columbia Natural Resources, LLC. In 2007 we aggressively accelerated our Marcellus leasehold acquisition efforts and began to prepare for our first drilling activities. By early 2008, we had determined the Marcellus could be prospective over an area of approximately 15 million net acres (approximately five times larger than the prospective Haynesville core area and 10 times larger than the Barnett core area).

After acquiring 1.8 million net leasehold acres, we entered into a joint venture agreement in late 2008 with Oslo-based Statoil, one of the

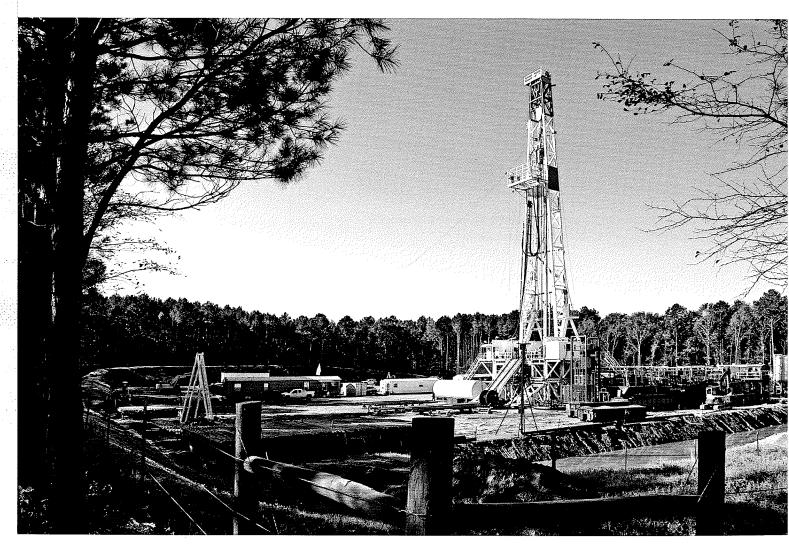
with these new play efforts, the most notable of which are described in the sections below.

**Eagle Ford Shale** — This South Texas shale is distinctive from the other shale plays described above because it has three components: an oil play, a wet natural gas play and a dry natural gas play. During 2009–10, Chesapeake acquired approximately 600,000 Eagle Ford net leasehold acres, all of which were in the liquids-rich portions of the play. Our initial wells were very successful, and in late 2010 we sold 33.3% of our assets in the play to Beijing-based Chinese National Offshore Oil Company (CNOOC) for \$2.2 billion in cash and drilling carries. This was CNOOC's first investment in the U.S. onshore E&P industry, and we are proud that it chose Chesapeake as its first U.S. onshore partner. We are currently drilling with 16 rigs in this play and expect to accelerate our drilling to 40 rigs by year-end 2013. We believe our 470,000 net leasehold acre position could support the drilling of up to 5,500 additional net wells in the years ahead.

**Pearsall Shale** — This shale underlies most of our Eagle Ford acreage and is the second "sleeper" of our natural gas shale plays. We have two rigs dedicated to testing this formation, and our first few wells have significantly exceeded our expectations. This formation is found about 3,000–4,000 feet deeper than the Eagle Ford and so for the play to become competitive with our other natural gas shale plays, we will need natural gas prices to strengthen from where they are today. We believe this will likely occur in 2013 at the latest. We believe our 350,000 net acre Pearsall leasehold position could support the drilling of up to 3,000 additional net wells.

**Niobrara Shale** — The Niobrara is a two-basin play, covering substantial portions of both the Powder River Basin of east-central Wyoming and the DJ Basin of southeastern Wyoming and northeastern Colorado. During 2008–10, Chesapeake acquired approximately 800,000 net leasehold acres in these two liquids-rich basins, and in early 2011 we sold 33.3% of our assets in the play to CNOOC for approximately \$1.3 billion

A Chesapeake discovery, Louisiana's Haynesville Shale recently passed the Barnett Shale to become the nation's largest producing shale play. The Haynesville comes with an added attraction — much of it is overlain by another prolific natural gas-producing formation, the Bossier Shale.



in cash and drilling carries. This was CNOOC's second investment with Chesapeake and its second investment in the U.S. onshore E&P industry. We are currently drilling with five rigs in this play and expect to accelerate our drilling to 15 rigs by year-end 2013. We believe our leasehold position could support the drilling of up to 7,600 additional net wells.

**Cleveland, Tonkawa and Mississippian Plays** — These three liquids-rich plays of the Anadarko Basin should become significant contributors to our growth in the years ahead. The Cleveland and Tonkawa plays are tight sandstones located in western Oklahoma and the eastern Texas Panhandle, and they provide returns that are some of the very best in

#### Fracking Operations Transparency

Natural gas and oil operations continue to grow and expand across the country as vast new resources are unlocked through the process of hydraulic fracturing, or "fracking," a proven technology that has been used safely and successfully in the completion of more than 1 million U.S. wells since 1949.

During the fracking process, a mixture of approximately 99% water and sand, combined with a small amount of chemical additives, is pumped at high pressure into a targeted formation to create small fissures or fractures in the surrounding rock or shale. These fractures are kept propped open by the sand to allow the natural gas or oil to freely flow into a wellbore.

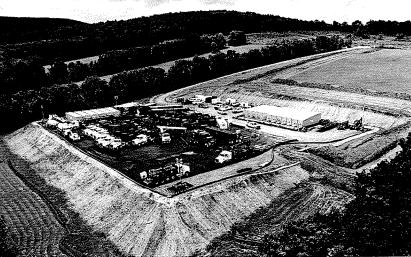
In our continuing efforts to educate the public and alleviate common misconceptions about hydraulic fracturing, Chesapeake became one of the first energy companies to disclose the additives used in the process. We are actively participating in a national, publicly accessible web-based registry developed by the Ground Water Protection Council and the Interstate Oil and Gas Compact Commission, with support of the U.S. Department of Energy. The registry allows for fracking additives to be reported on a well-by-well basis and offers public access to that material on its website. Chesapeake began loading well completion data onto the registry on February 15, 2011, for wells where completion reports have been filed with the appropriate state agencies.

To view the listings and learn more about the fracking process, the additives used and measures taken to protect fresh ground water aquifers, visit www.fracfocus.org. the company. We have acquired approximately 600,000 net leasehold acres prospective for these plays and have drilled 75 net wells to date. We are currently using eight rigs and believe our leasehold could support the drilling of up to an additional 3,700 net wells.

The Mississippian fractured carbonate is primarily an oil play and is located on the Anadarko Basin shelf of northern Oklahoma and southern Kansas. We have acquired approximately 900,000 net leasehold acres prospective for this play and have drilled 40 net wells to date. We are currently using four rigs and believe our leasehold could support the drilling of up to an additional 6,000 net wells. This is an area where we anticipate bringing in a joint venture partner later in 2011 or in early 2012.

**Bone Spring, Avalon, Wolfcamp and Wolfberry Plays** — These four liquids-rich plays of the Permian Basin should also become significant contributors to our growth in the years ahead. To date, we have acquired approximately 560,000 net leasehold acres that we believe are prospective for these plays and have drilled 155 net wells. We are currently using eight rigs and believe our leasehold could support the drilling of up to an additional 4,400 net wells.

**Utica Shale** — Chesapeake has high hopes for this emerging shale play in eastern Ohio, especially because it would become the fourth large unconventional play (along with the Haynesville and Bossier shales and the Mississippian carbonate) that Chesapeake has discovered. In addition, we believe the play will have three distinct components (oil,

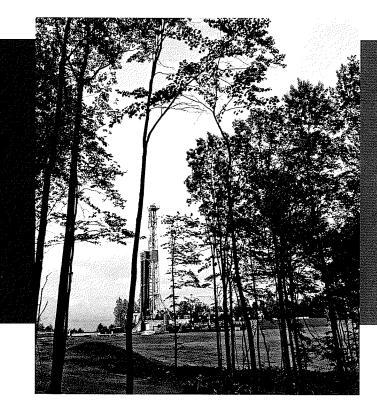


A prime example of Best Management Practices for fracture stimulation, this well in Bradford County, Pennsylvania, is now producing natural gas from the Marcellus Shale. A closely regulated completion technique, fracking is necessary to allow natural gas or oil to freely flow into the wellbore.

wet natural gas and dry natural gas), similar to the components of the Eagle Ford Shale. We have made a large commitment to this play and have acquired approximately 1.2 million net leasehold acres and expect to increase this total to as much as 1.5 million net leasehold acres in the coming months. We are currently using three rigs to evaluate the play and believe our leasehold could support the drilling of up to 12,000 net wells. This is an area where we anticipate bringing in a joint venture partner late in 2011 or early in 2012.

#### **Our People**

Great assets cannot exist without great people, so we take great pride in hiring, training, motivating, rewarding and retaining what we regard



as the best employees in the industry. From our beginning 22 years ago with 10 employees in Oklahoma City to employing more than 10,000 people across 15 states today. Chesapeake has always focused on building first-class human resources within a distinctive corporate culture. Talk to Chesapeake employees and you will note genuine pride and great enthusiasm about the company and the critical role that we play in delivering increasing quantities of clean and affordable American natural gas and valuable and reliable liquids to energy consumers across the country.

Chesapeake employees are distinctive in other ways as well. They are much younger than the industry average, with half of our almost 4,000 Oklahoma City-based headquarters employees 33 years old or younger. Their enthusiasm and willingness to learn create an atmosphere of vitality and energy at Chesapeake, important ingredients of our distinctive culture. These attributes, along with a vibrant and attractive corporate headquarters campus, low levels of bureaucracy, great assets and a well-executed corporate strategy combine to create our culture of success and innovation.

This has generated extremely positive external feedback as Chesapeake was recently recognized for the fourth consecutive year as one of the FORTUNE 100 Best Companies to Work For<sup>+(3)</sup> in the U.S. In fact, we moved up to #32 overall and #1 in our industry — we are very proud of having created and sustained what is now considered the best place to work in all of the U.S. energy production industry.

In addition, we were honored in December 2010 at the 12th Annual Platts Global Energy Awards as finalists for CEO of the Year, Community

From our beginning 22 years ago with 10 employees in Oklahoma City to employing more than 10,000 people across 15 states today, Chesapeake has always focused on building first-class human resources within a distinctive corporate culture.

 A Chesapeake rig drills in the Marcellus Shale, where the company is the leading leasehold owner, largest producer and most active driller.

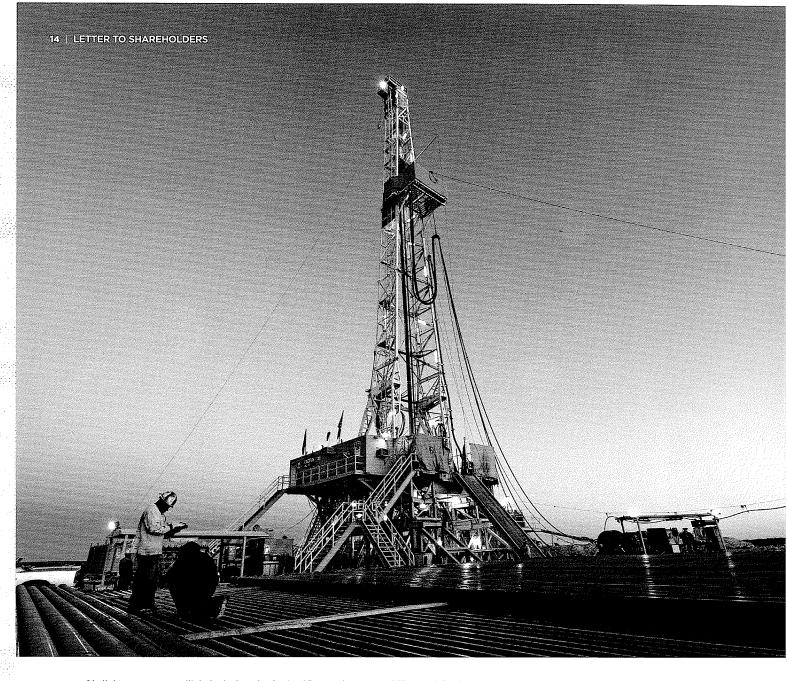
Development Program of the Year, Deal of the Year, Energy Producer of the Year and the Industry Leadership Award. Chesapeake was one of only two companies selected as a finalist in five or more categories. The company was also honored in 2010 with a Certificate of Recognition for our military reserve recruiting efforts, named a 2010 Best Diversity Company by Engineering & Information Technology Magazine and recognized for Best Investor Relations in Energy Sector and Best Investor Relations Website at the 2010 IR Magazine U.S. Awards.

#### Recent Events and a Better Way Forward

You may be aware that I have been outspoken in attempting to persuade our country's political leadership to recognize that the discovery of vast resources of unconventional natural gas and oil in the U.S. is a complete game changer for our country from an economic, national security and environmental perspective. After two years of my best efforts and the efforts of many others in the industry, most notably T. Boone Pickens,

Developing great assets begins with great people, such as the hardworking crews of Nomac, Chesapeake's wholly owned drilling subsidiary. Employees take pride in the critical roles they play in finding and delivering natural gas to their fellow Americans.

2010 ANNUAL REPORT 13



*Rig lights come on at twilight in the Permian Basin of Texas, where crews drill around the clock in the liquids-rich Bone Spring play. This is the newest in a series of energy booms that has enabled West Texas cities like Midland to prosper for almost 100 years.* 

I am pleased to report that we have apparently finally convinced President Barack Obama and Congressional leadership to recognize that the energy path America is on today is completely unsustainable. There appears to be growing recognition that it is spectacularly dangerous for America to continue importing 9 million barrels of oil per day and exporting more than \$1 billion per day in national wealth to oil exporting countries.

America's undiminished appetite for foreign oil has created the largest wealth transfer in the history of the world. The political leadership in Washington, D.C., has not seemed overly concerned about this issue until recently. However, after President Obama's recent speech calling

- · Operating cash flow is cash provided by operating activities before changes in assets and liabilities.
- Adjusted earnings per fully diluted share is net income (loss) per share available to Chesapeake common stockholders, assuming dilution, as adjusted to remove the effects of certain items that management believes affect the comparability of operating results.
- (3) FORTUNE 100 Best Companies to Work For' listed in the magazine's February 7, 2011 issue.

<sup>(1)</sup> Reserve replacement is calculated by dividing net reserve additions from all sources by actual production for the corresponding period. We calculate drilling and net acquisition costs per mcfe by dividing total drilling and net proved property acquisition costs incurred during the year (excludes certain costs primarily related to net unproved property acquisitions, geological and geophysical costs and deferred taxes related to corporate acquisitions) by total proved reserve additions excluding price-related revisions.

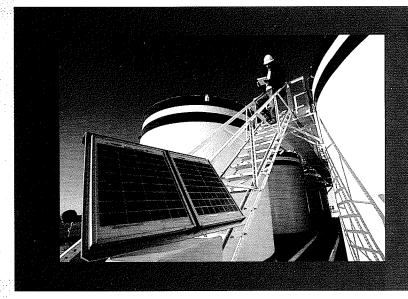
<sup>(2)</sup> A non-GAAP financial measure, as defined below. Please refer to the Investors section of our website at www.chk.com for reconciliations of non-GAAP financial measures to comparable financial measures calculated in accordance with generally accepted accounting principles.

Adjusted ebitda is net income (loss) before interest expense, income tax expense (benefit), and depreciation, depletion and amortization expense, as adjusted to remove the effects of certain items that management believes affect the comparability of operating results.

for a new energy future with greater natural gas usage and increased domestic oil production as two of its primary attributes, it is encouraging to see our political leadership finally grasp that natural gas stands alone as the only affordable, scalable and immediately available alternative to foreign oil and that U.S. oil production can be increased significantly in the years ahead.

The events of the past few months have unmistakably driven home the fact that it is insanity to rely on the Middle East to provide our economy's lifeline of oil. This should be especially obvious when one realizes that during the next 10 years, America will likely export at least another \$4 trillion in national wealth to oil exporters around the world. Clearly, our country must demand from its leaders a new and more sustainable energy future. The combination of these vast new discoveries of unconventional natural gas and liquids provides America with a unique future pathway toward greater energy independence, an industrial renaissance, economic rejuvenation and greater national security. I remain fully confident that the marketplace understands this and that over time the U.S. will more fully embrace and utilize clean, affordable, abundant American natural gas and increased domestic oil production as the best alternatives to burning environmentally challenged coal and expensive and dangerous foreign oil.

There is now a clear road ahead toward a more sustainable, affordable, dynamic and independent future if America embraces the remarkable gift of energy abundance that Chesapeake has helped discover in the U.S. You have my commitment, and the commitment of more than



The combination of these vast new discoveries of unconventional natural gas and liquids provides America with a unique future pathway toward greater energy independence, an industrial renaissance, economic rejuvenation and greater national security.

Advancing technology for cleaner operations: solar panels at a West Texas well power telemetry systems that provide pumpers with real-time information on oil and water tank levels to alarm them when levels near capacity, preventing tank spills.

The good news, however, is that America can now secure a new energy future thanks to Chesapeake and a handful of other leading U.S. E&P companies that have reinvented the process of finding natural gas and oil during the past five years. In doing so, we have discovered twice the resources of natural gas in the U.S. that Saudi Arabia possesses in oil. Furthermore, these same few companies that led the unconventional natural gas revolution have in just the past two years also reinvented the way in which we can find large new oil resources onshore in the U.S. In fact, I believe the U.S. can possibly increase its production of oil from the current 5.8 million barrels per day by 30–50% during the next 5–10 years, thereby potentially reaching the President's 2025 goal of reducing foreign oil imports by 33%, 5–10 years earlier than hoped.

10,000 other Chesapeake employees, that every day we are working hard to create shareholder value and a better future for our communities, our states and our country through the continued discovery and development of unconventional natural gas and liquids.

Best regards,

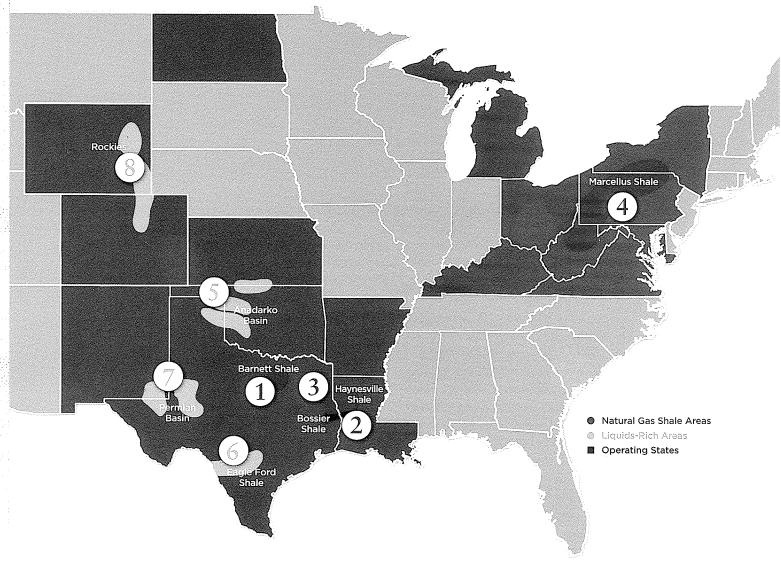
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Aubrey K. McClendon Chairman and Chief Executive Officer April 15, 2011

#### AMERICA'S PREMIER ENERGY RESOURCE BASE >>>

Chesapeake is the second-largest producer of U.S. natural gas and a Top 15 producer of U.S. oil and natural gas liquids. The company has built a large resource base of high-quality U.S. assets in the Barnett, Haynesville, Bossier, Marcellus and Pearsall natural gas shale plays and in the Granite Wash, Cleveland, Tonkawa, Mississippian, Bone Spring, Avalon, Wolfcamp, Wolfberry, Eagle Ford, Niobrara and Utica unconventional liquids plays. In 2010 Chesapeake increased its focus on applying the geoscientific and horizontal drilling expertise gained from developing unconventional natural gas shale plays to unconventional liquids-rich plays. Our goal is to reach a balanced mix of natural gas and liquids revenue as quickly as possible through organic drilling. We invested approximately \$4.7 billion in 2010, net of divestitures, primarily in liquids-rich acreage to provide the foundation for this shift toward more profitable plays.

We own interests in approximately 46,000 producing natural gas and oil wells, and in 2010 we produced approximately 1.035 trillion cubic feet of natural gas equivalent (tcfe) for an average of 2.8 billion cubic feet of natural gas equivalent (bcfe) per day. At year-end 2010, our proved reserves were 17.1 trillion cubic feet of natural gas equivalent, of which 90% were natural gas and all were onshore in the U.S. We have also captured an inventory of up to 115,000 unrisked net future drilling opportunities — almost 50 years worth of drilling opportunities — on approximately 13.2 million net leasehold acres in the U.S. The following highlights Chesapeake's ownership position in our key operating areas.



#### NATURAL GAS SHALE AREAS

Barnett Shale Chesapeake is the second-largest producer of natural gas, the most active driller and the largest leasehold owner in the Core and Tier 1 sweet spots of Tarrant and Johnson counties. In January 2010, Chesapeake completed a joint venture and sold 25% of its assets in the Barnett to Total E&P USA, Inc., a wholly owned subsidiary of Paris-based Total S.A. (NYSE:TOT, FP:FP) (Total) for \$2.25 billion in cash and drilling carries. During 2010 approximately \$480 million of Chesapeake's drilling and completion costs in the Barnett were paid by Total. Total will fund 60% of our share of future drilling and completion costs until an additional \$970 million of our costs have been funded, which we expect to occur by year-end 2013. We anticipate using an average of approximately 18 operated rigs in 2011 to further develop our 220,000 net acres of Barnett Shale leasehold, of which 205,000 net leasehold acres are located in the prime Core and Tier 1 areas. On this acreage, we estimate we could drill up to 2,300 net wells in the years to come.

2010 Total Production: 175 bcfe, -27%\*, 17%\*\*

**12/31/10 Proved Reserves:** 3,060 bcfe, -11%\*, 18%\*\*

12/31/10 Net Leasehold Acres: 220,000, -24%\*, 2%\*\*

Reduction in production and proved reserves were caused by our joint venture sale to Total.

2010 Total Production:

12/31/10 Proved Reserves:

12/31/10 Net Leasehold Acres:\*\*\*

0 bcfe, NM, NM

10 bcfe, NM, NM

**Bossier Shale** The Bossier Shale overlies about one-third of our Haynesville Shale acreage. We estimate we could drill up to 2,600 net wells on our Bossier Shale acreage in the future to develop our 205,000 net acres of Bossier Shale leasehold. Because the Bossier lies above the Haynesville, horizontal wells drilled just to the Bossier may not always hold Haynesville rights. As a result, Chesapeake and other producers are drilling aggressively to hold all rights through the Haynesville before the initial three-year term of a typical lease expires, therefore not much Bossier drilling is yet underway. However, once our leases are HBP (held by production) by Haynesville drilling, we plan to focus on developing the Bossier Shale more aggressively beginning most likely in 2013.

**3 Haynesville Shale** In early 2008, Chesapeake announced its discovery of the Haynesville Shale, which is located in northwestern Louisiana and East Texas, a reservoir that likely will become one of the two largest natural gas fields in the U.S. (along with the Marcellus) and one of the five largest in the world. The Haynesville Shale is now the nation's largest producing shale play. We are the largest leasehold owner, largest producer and most active driller of new wells in the Haynesville Shale play. We estimate that we could drill up to 6,300 net wells on our Haynesville Shale acreage in the future and plan to utilize an average of approximately 29 operated rigs in 2011 to further develop our 530,000 net acres of Haynesville Shale leasehold. During 2011 we anticipate spending approximately \$1.65 billion, or 32% of our total budget, for exploration and development activities in the Haynesville Shale. In 2011 we anticipate reducing our rig count beginning mid year as we complete drilling objectives to hold our leasehold through establishing initial production.

205,000, +14%, 2%

**2010 Total Production:** 240 bcfe, +182%, 23%

12/31/10 Proved Reserves: 3,570 bcfe, +95%, 21%

12/31/10 Net Leasehold Acres:\*\*\* 530,000, +2%, 4%

Marcellus Shale Chesapeake is the industry's leading leasehold owner, largest producer and most active developer in the Marcellus Shale play that spans from northern West Virginia across much of Pennsylvania into southern New York. The Marcellus is located in the highest gasconsuming region of the U.S. and therefore receives the best natural gas prices in the nation. We estimate we could drill up to 21,000 net wells on our Marcellus acreage in the future and plan to utilize an average of approximately 32 operated rigs in 2011 to further develop our 1.7 million net acres of Marcellus Shale leasehold. During 2010 approximately \$600 million of Chesapeake's drilling costs in the Marcellus were paid by its joint venture partner, Oslo-based Statoil (NYSE:STO, OSE:STL). During 2011 and 2012, 75% of Chesapeake's drilling and completion costs in the Marcellus Shale will become the largest natural gas

field in the U.S. and the second-largest in the world.

**2010 Total Production:** 55 bcfe, +175%, 5%

12/31/10 Proved Reserves: 860 bcfe, +231%, 5%

**12/31/10 Net Leasehold Acres:** 1,670,000, +3%, 13%

#### LICUIDSENICE AREAS

Anadarko Basin The Anadarko Basin is home to four of Chesapeake's liquids-rich plays, which we anticipate will become significant contributors to our growth in the years ahead. Chesapeake was one of the first to utilize modern horizontal drilling methods and has assembled an unrivaled leasehold position in numerous horizontal liquids-rich plays in the basin. Chesapeake will continue drilling with a focus on the Granite Wash, where rates of return are the highest in our company, and with an increasing focus on the Cleveland, Tonkawa and Mississippian liquids-rich unconventional plays. We estimate we could drill up to 11,400 net wells on our Anadarko Basin acreage in the future and plan to utilize an average of 31 operated rigs in 2011 to further develop our current 1.7 million net leasehold acres.



**2010 Total Production:** 145 bcfe, +4%, 14%

**12/31/10 Proved Reserves:** 2,440 bcfe, +21%, 14%

**12/31/10 Net Leasehold Acres:** 1,420,000, +15%, 11%

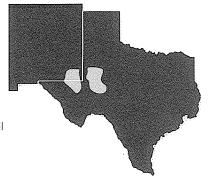
**Eagle Ford Shale** As part of a growing emphasis on increasing oil and natural gas liquids production, Chesapeake has built the industry's second-largest leasehold position in the Eagle Ford Shale play in South Texas. In 2010 Chesapeake increased its leasehold from 80,000 net acres at the beginning of the year to more than 600,000 net acres. In November 2010, Chesapeake completed a \$2.2 billion Eagle Ford Shale joint venture agreement with Beijing-based CNOOC Limited (NYSE:CEO), whereby CNOOC acquired a 33.3% interest in 600,000 net leasehold acres in the Eagle Ford Shale. CNOOC paid Chesapeake approximately \$1.12 billion in cash at closing and will pay 75% of Chesapeake's share of drilling and completion expenditures until the \$1.08 billion carry obligation has been funded, which Chesapeake expects to occur by year-end 2012. Our focus has been in the wet gas and oil prone portions of the play. We estimate we could drill up to 5,500 net wells on our Eagle Ford Shale. In addition, we believe that the Pearsall Shale should be prospective for natural gas underneath approximately 75% of our Eagle Ford leasehold.

2 bcfe, NM, NM 12/31/10 Proved Reserves: 110 bcfe, NM, 1% 12/31/10 Net Lesseheld Act

2010 Total Production:

**12/31/10 Net Leasehold Acres:** 470,000, +488%, 4%

Permian Basin Chesapeake has built a strong position of approximately 1.2 million net leasehold acres in the Permian Basin including 560,000 net leasehold acres in the Bone Spring, Avalon, Wolfcamp and Wolfberry unconventional liquids plays. This area has the potential to deliver significant upside as we move toward increasing our oil production substantially in the years ahead. We have developed multiple new horizontal oil projects in this area, where we plan to utilize an average of approximately eight operated rigs in 2011 to further develop our leasehold in the Permian and Delaware basins and estimate we could drill up to 4,400 net wells.



**2010 Total Production:** 60 bcfe, -20%, 6%

**12/31/10 Proved Reserves:** 770 bcfe, +4%, 5%

12/31/10 Net Leasehold Acres: 1,200,000, -44%, 9%

Rockles Chesapeake is the second-largest leasehold owner in the Niobrara Shale, Frontier and Codell plays in the Powder River and Denver Julesburg (DJ) basins of Wyoming and Colorado. In February 2011, Chesapeake completed a \$1.3 billion joint venture agreement with CNOOC, whereby CNOOC acquired a 33.3% interest in Chesapeake's approximately 800,000 net leasehold acres in the Powder River and DJ basins. CNOOC paid Chesapeake approximately \$570 million in cash at closing and will pay an additional \$697 million in carries by funding 66.7% of Chesapeake's

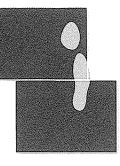
Note: Figures do not add to company totals.

- Compared to last year
- \*\* % of company total
- \*\*\* Bossier Shale acreage overlaps with Haynesville Shale acreage

NM Not meaningful

697 million in carries by funding 66.7% of Chesapeake's share of drilling and completion expenditures, which
Chesapeake expects to occur by year-end 2014. We plan to utilize an average of approximately 11 rigs in 2011 to develop our current 535,000 net leasehold acres with

our partner and estimate that we could drill up to 7,600 net wells.



2010 Total Production: 0 bcfe, NM, NM

12/31/10 Proved Reserves: 10 bcfe, NM, NM

12/31/10 Net Leasehold Acres: 800,000, +135%, 6%





Unconcerned by a Chesapeake drilling rig, antelope continue their daily routines in southeastern Wyoming's Powder River Basin where the company is developing the promising Niobrara Play.

#### CHESAPEAKE MANAGEMENT PERSPECTIVES >>>



Steve Dixon Executive Vice President – Operations and Geosciences and Chief Operating Officer

#### What innovations and advancements have led to CHK's ability to produce liquids from shales and other tight reservoirs?

During the past five years, Chesapeake and a few other leaders in the independent E&P industry have developed expertise in exploiting shales and other tight reservoir formations targeting natural gas through the combination of horizontal drilling and advanced fracture stimulation techniques. This has allowed the commercialization of plays that were previously uneconomic, most notably in shale formations. Part of our success in producing liquids from tight reservoirs has come from the company's ability to extend the technological advances gained in the development of tight natural gas formations to new formations known to contain substantial liquids. This led to our first liquids-rich play discovery in the Colony Granite Wash in 2007. As we have increased our focus on liquids-rich plays, we have benefited from a growing understanding and mapping of petrophysical properties in unconventional formations as well as an enhanced understanding of the geochemical nature of liquids-rich reservoirs. This has allowed Chesapeake to better identify formations most likely to generate liquids-rich production, including more than a dozen new plays for the company. We have subsequently improved the success of our liquids-rich plays through the use of optimal well-bore lateral lengths, better placement of well laterals though advanced wellbore steering techniques and customized fracture stimulation designs for liquids-rich plays that allow the company to achieve a greater stimulated rock volume in low permeability reservoirs. Finally, the advancements Chesapeake has made in developing liquids-rich plays have

been made possible through the use of our proprietary Reservoir Technology Center that has become the industry's most advanced shale core laboratory.

#### It is often said that the energy industry has an aging work force that is fast approaching retirement age. How is Chesapeake addressing this?

It is no secret that there is a shortage of experienced professionals in the natural gas and oil industry. The industry downturn of the 1980s and 1990s discouraged many from pursuing energy careers. In the following decades, strong competition from other industries lured away many of the best and brightest science and technology graduates, and today many experienced professionals who stayed in the industry through the downturn are approaching retirement age. As a result, one of our industry's greatest challenges over the past 10 years has been to develop a new generation of natural gas and oil professionals who have the knowledge and experience required to meet the nation's growing energy needs.

In 2000 Chesapeake was one of the first companies to recognize this trend and to understand how recruiting and training a new generation of energy professionals would impact the company's future success and its ability to compete in the industry. At that time, Chesapeake formulated a business strategy to address future staffing needs and decided to create a world-class college recruiting and intern program to recruit the most promising industry talent. Today, Chesapeake hosts more than 150 interns every summer in its internship program, many of whom go on to become full-time Chesapeake employees upon graduation. In addition, we have 350 students who receive



Martha Burger Senior Vice President – Human and Corporate Resources

scholarships through Chesapeake programs, and our staff of college recruiters has developed strong relationships with professors, department heads and career counselors at the more than 31 universities where we actively recruit.

As a result of these efforts, young professionals in a wide range of disciplines, from scientists and engineers to land management and legal specialists, are being groomed to take over the reins as they learn the business through mentoring, extensive training, development opportunities and challenging work assignments. They are generously rewarded with excellent compensation and benefits, as well as an industry-leading working environment that encourages camaraderie and teamwork. The success of Chesapeake's strategy is apparent: the average age of the company's geoscience, land and engineering departments has dropped from 49 in 2000 to 36 today. In addition, the average age of the company's 4,000 Oklahoma City headquarters employees is 33. Even as some of Chesapeake's employees retire, the company is well equipped with a seasoned work force that is prepared to support and lead the way in Chesapeake's continued growth.



Jeff Fisher Senior Vice President – Production

#### What advantages does CHK's unique vertical integration strategy provide?

Chesapeake has built a large inventory of low-risk natural gas and liquids-rich plays that we plan to develop aggressively over the next two decades. As a result, we know that our company will consistently utilize a tremendous (and growing) amount of oilfield services for this resource development. This high level of planned drilling activity will create value for the provider of oilfield services, and Chesapeake's strategy is to capture a portion of this value for our shareholders rather than transfer it to third-party vendors whose interests and investments are not always aligned with ours. To date, Chesapeake has invested in drilling rigs, rental tools, water management equipment, trucking, compression equipment, midstream services, and most recently pressure pumping and fracture stimulation equipment. Chesapeake's activities require a high level of planning and project coordination that is best accomplished through vertical integration and ownership of the oilfield services we utilize. This approach creates a multitude of cost savings, an alignment of interests, operational synergies, greater capacity of equipment, increased safety and better coordinated logistics. In addition, Chesapeake's control of a large portion of the oilfield service equipment it utilizes provides a unique advantage to control the timing of leasehold development. Simply put, faster development of resources maximizes the present value of leasehold. This has been a key advantage for

Chesapeake over the past three years as the company has monetized leasehold investments at premium values through our joint ventures.

#### Will U.S. natural gas prices reconnect with world natural gas prices?

Natural gas is a premium product and a cleaner-burning fuel than coal or oil-related products, including gasoline, diesel and heating oil. Despite this fact, over the past two years natural gas has received a low price in the U.S. market relative to coal and oil-related products, primarily as a result of a temporary surplus of production. This surplus has been principally caused by high levels of drilling activity as producers focused on holding by production (HBP) leasehold in new highly productive, low cost natural gas shale plays. In essence, producers reinvented U.S. supply ahead of reinventing of U.S. demand. We believe HBP-incentivized drilling on natural gas plays will largely come to an end in 2012, and U.S. demand will soon also be reinvented to allow U.S. natural gas prices to reconnect to price parity with world natural gas prices that have risen to more than double U.S. natural gas prices.

This surge in world natural gas prices has been in response to \$100+ oil prices and surging global liquefied natural gas (LNG) demand. In our view, the arbitrage in value between competing fuels is simply too wide. Capital and ideas will flow toward projects that make the most of this price disparity. Chesapeake and other companies are working to create the ability to export natural gas from the U.S. Gulf Coast and other regions in the form of LNG to premium Pacific Rim, European and South American markets, perhaps as soon as 2015. This initiative will also be aided by the widening of the Panama Canal to accommodate large LNG vessels. Furthermore, we believe that the



Jeff Mobley Senior Vice President – Investor Relations and Research

current price disparity between natural gas and oil will increasingly lead to greater use of natural gas in the U.S. transportation system. Whether it be compressed natural gas (CNG) for medium and light-duty vehicles, LNG for heavy-duty vehicles or the commercialization of gas-to-liquids (GTL) natural gas refineries that supplement the U.S. liquid fuel supply stream, we believe that the marketplace will increasingly utilize and embrace natural gas. Chesapeake is working with industry, public policymakers and potential partners on each of these demand reinvention opportunities. Natural gas is clean, affordable, abundant and American. Why *shouldn't* it trade at a BTU premium in the years ahead?



Nick Dell'Osso Executive Vice President and Chief Financial Officer

#### Why is an investment grade rating on its debt securities important to CHK?

We believe that Chesapeake will benefit in multiple ways from an investment grade rating on our debt securities, which we hope to achieve in 2012 or 2013. First, a higher rating would obviously lower the company's borrowing costs over time. In addition, other less easily quantifiable benefits will also accrue to Chesapeake. Higher debt ratings would result in lower costs on long-term firm transportation contracts that we enter into in order to market our natural gas and oil production as well as facilitate our ability to enter into long-term contracts to sell our natural gas production to international buyers in the form of LNG. An improved rating will also enhance Chesapeake's ability to further attract world-class energy companies to participate in our joint venture projects, which profitably monetize a portion of our leasehold investments and also accelerate the development of our resource base. Finally, and perhaps most importantly, we believe that reduced financial leverage and an investment grade rating will lead to a higher stock price and provide further interest from worldwide equity investors.

#### CHESAPEAKE'S COMMITMENT TO BEING A GOOD NEIGHBOR >>>

Through volunteer programs and responsible operations, we strive to be the best neighbor possible in every one of our operating areas by investing in our communities.

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Employees lend a helping hand at Rebuilding Together in Oklahoma City as part of Operation Blue. This annual volunteer initiative provides employees company time to work on projects in their communities.

#### INVESTING IN OUR COMMUNITIES >>

Chesapeake's sense of civic commitment provides a bountiful harvest of benefits to cities large and small. We partner with groups and organizations across all of our operating areas to improve the communities our employees, contractors, vendors, land and mineral owners call home. We believe the success of our business depends on the strength, goodwill and vitality of those communities. Most importantly, we believe it is the responsibility of every successful business to share success with its neighbors.

In 2010 we gave more than \$25 million to charitable organizations and projects across our operating areas, primarily focusing on community development, education, health and medical and social services.

#### **Economic Impact**

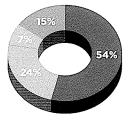
While much of the U.S. is still struggling to recover from the economic recession, the positive impact of natural gas and oil operations has provided a valuable economic recovery stimulus for states that are home to exploration and development activities. As the nation's second-largest producer of natural gas, a Top 15 producer of liquids and most active driller of new wells, Chesapeake's arrival in a new play stimulates economic activity, augments personal income through jobs and royalty payments, generates substantial tax revenue and sustains communities throughout its operating areas.

In addition to the general economic impact of our activities on local economies, the company's tax contributions are substantial. In 2010 Chesapeake paid approximately \$675 million in taxes, including ad valorem, severance, sales, employer, and corporate income and franchise taxes. These taxes pay for ongoing government services and also build and maintain schools, recreational facilities, and parks and roads — at a time when state and local governments are still feeling the pinch of recession. We are proud to support America's economy with our growth while also helping to protect the environment through the greater use of clean-burning natural gas and reducing the country's dependence on expensive foreign oil.

Chesapeake also makes contributions that help improve lives and economies in cities where we operate: \$25 million in 2010 alone. For example, this past year we donated \$200,000 to establish the Chesapeake Environmental and Recycling Center at Goodwill Industries of Central Oklahoma. The center will provide an additional 80 jobs to disabled Oklahomans, as well as help Goodwill recycle 10 million pounds a year, which

#### Chesapeake's \$25 million of charitable giving in 2010

- Community Development
- Education
- Health and Medical
- Social Services



equates to one-third of the goods that otherwise would have been destined for Oklahoma City-area landfills. In West Virginia, we helped fund construction of the Morgantown Market



Equipping the next generation — West Virginia students hold their new laptops from Chesapeake as part of the company's Discovering Tomorrow's Leaders program.

Place, a permanent site for the city's farmers' market, creating more business opportunities for local farmers.

Chesapeake also supports local chambers of commerce and city councils in all of its operating areas. In the Haynesville Shale last year, we awarded grants to the Shelby County, Sabine Parish and Coushatta-Red River chambers of commerce to help fund tourism, business communications and chamber events. In Texas, we assisted more than 250 civic, professional and community service organizations throughout Johnson, Tarrant and western Dallas counties, and sponsored memberships in 35 local Texas chambers of commerce. By helping local chambers and businesses grow and thrive, we are creating stronger economies.

We also hire locally whenever possible to help stimulate the local economy, and we provide training when the local work force isn't yet qualified for the jobs we have open. For example, when Chesapeake began operating in the Marcellus Shale of West Virginia and Pennsylvania, finding experienced rig workers was a challenge. To meet that need, Chesapeake's wholly owned subsidiary, Nomac Drilling, built the 40,000-square-foot Eastern Training Center and Housing Facility in Bradford County, near Sayre, Pennsylvania. The campus opened in 2010 and serves as a housing facility and training ground for 266 workers at a time. Nomac and Chesapeake host regular job fairs in the region and the lines of interested candidates often extend out the door.

#### **Educational Impact**

We are also proud to help prepare tomorrow's leaders today. In 2010 Chesapeake supported universities, schools, academic chairs, scholarships and other educational programs with contributions totaling \$5.4 million.

Investing in programs that promote technology and innovation is a key to our country's success. That's why we gave \$1.0 million to establish the Chesapeake Energy dormitory for students at the Oklahoma School for Science and Mathematics (OSSM), a public, tuition-free, residential high school located in Oklahoma City for juniors and seniors with exceptional abilities. The extremely competitive school is helping train the next generation of scientists and mathematicians.

We also established the Chesapeake Energy Presidential Scholars Program at the Oklahoma City University Meinders School of Business, making a \$5.0 million commitment to be distributed over the next five years. The Chesapeake Scholars Program will provide up to \$25,000 per year in tuition to selected students pursuing careers in finance, economics, accounting, marketing, business administration, computer science and information technology. In addition, scholars will take part in a Chesapeake Presidential Leadership Course facilitated by faculty members in coordination with designated Chesapeake leadership coaches, including a Chesapeake senior vice president and OCU alumni.

In 2007 Chesapeake launched a scholarship program in Texas with an initial \$1.25 million contribution, challenging the cities of Fort Worth and Dallas to match its gift within a year. The cities responded and matched the gift, so Chesapeake in 2008 added another \$1.25 million to the fund, bringing the total to \$3.75 million. The Chesapeake Scholarship Fund currently funds the cost of higher education for 48 minority students. The fund provides each student \$20,000 a year for up to four years at the school of their choice. To date more than \$1.0 million has been distributed to deserving local students.

To help ensure the training of qualified geologists, engineers, landmen and energy lawyers in the next generation, we award scholarships to students pursuing energy-related degrees. We also help mentor them through Chesapeake's Peak Program. Junior- and senior-level scholarship recipients are paired with Chesapeake employee mentors who help develop students' knowledge and provide career advice. There are currently 25 mentors and 40 scholarship recipients participating in the Peak Program.

Our recruiting team also initiated a strategic military recruitment effort during the past two years to hire former military personnel to work in a variety of leadership and crew positions. This effort earned Chesapeake an honor from G.I. JOBS magazine when we were named a 2011 Top 100 Military-Friendly Employer. Chesapeake currently employs 37 men and women who formerly served as junior military officers and more than 100 former servicemen and servicewomen who joined the company through a program called Troops 2 Roughnecks.

In addition to our specific scholarship programs, one-time educational donations and recruitment efforts, in 2010 we gave more than \$1.8 million to fund higher education for nearly 400 other students in 12 states through our Chesapeake Scholars program. Chesapeake's scholarships help recruit the best and brightest students and provide educational opportunities in communities where we operate. In Oklahoma City, more than 400 employees volunteer for up to an hour a week on company time at four local public schools. Chesapeake's program has grown to become the largest corporate mentoring program in Oklahoma.

#### **Community Impaci**

Chesapeake employees have been enriching their hometowns as volunteers for many years. We formalized those efforts in 2009 by establishing an official employee volunteer program, the H.E.L.P. (Helping Energize Local Progress) Initiative, wherein employees are invited to volunteer each month for a variety of organizations from food pantries to animal shelters. Through that program, employees donated more than 26,000 hours to their communities in 2009.

In the summer of 2010, Chesapeake took the H.E.L.P. Initiative to a higher level through the launch of Operation Blue. From Memorial Day through Labor Day, each employee was given four hours of company time to complete the volunteer project of their choice. Our employees eagerly accepted the challenge, and in three months more than 4,900 employees donated 30,900 hours of service to 519 organizations in more than 96 communities across the country. Operation Blue is now an annual volunteer program in which employees roll up their sleeves in the communities they call home.

Chesapeake's contributions take many forms: financial and equipment donations, volunteerism and scholarships. Last year, we made numerous in-kind donations of laptops, reconditioned Chesapeake fleet vehicles and subsidized office space. These contributions provide essential operating tools as nonprofit organizations across the nation attempt to serve more people — often with lower budgets — in tough economic times.

For example, in Louisiana we donated 12 vehicles in 2010, including one to the Panola College Oil and Natural Gas Technology Program, which teaches students about the natural gas industry and provides them with hands-on technical training. Across many of the company's operating areas, we've donated computers to deserving students, schools and organizations through Chesapeake's Discovering Tomorrow's Leaders program. In 2010 the company equipped 14 students with laptops and donated 70 computers to schools or supporting nonprofit organizations.

Chesapeake partners with other companies and organizations to meet basic, practical needs in hundreds of communities. An example is our



Putting food on the table — Employees volunteer at the Regional Food Bank of Oklahoma as part of Operation Blue.

sponsorship of the annual Day of Caring at the Ganus Center of Harding University in White County, Arkansas. During the event, approximately 1,200 uninsured or underinsured residents received a day of free medical, dental and eye screenings.

To help cultivate an appreciation for the great outdoors, in 2010 Chesapeake provided \$25,000 to REAL School Gardens, a Fort Worthbased organization that establishes gardens at approximately 70 lower income elementary schools in North Texas. At I.M. Terrell Elementary School, students, parents, teachers and volunteers from Chesapeake and other groups worked together to prepare vegetable gardens and flower beds. In addition to teamwork skills and gardening, students learned about nutrition and took home food from the garden's bounty.

We supported servicemen and servicewomen by partnering with the Shreveport Chapter of Operation Support Our Troops, Inc. Our contribution helped offset the postage to send more than 100 care packages to troops overseas. The shipment was the largest in the organization's history and included Christmas cards, games and nonperishable food items.

By investing in the communities where we operate and the people whose lives we touch, we ensure a stronger today and a more hopeful tomorrow.

### INVESTING IN OUR WORLD AND OUR PEOPLE >>>

As we explore for and produce clean, affordable, abundant, American natural gas, we provide an important solution to our nation's energy challenges and its quest for energy independence. With at least a 200-year supply of natural gas located right here in the U.S., this versatile fuel can be used to not only heat homes, create electricity and meet America's transportation needs, but also to fuel the country's future by creating jobs and stimulating local and national economies through investment and taxes.

#### **Environmentally Friendly Operations**

At Chesapeake, we realize that the way a great product is produced is as important as the product itself. For example, we have helped pioneer the use of multiwell padsites to drill up to 16 wells from a single location, greatly reducing our land and road use and overall environmental footprint. We use the latest horizontal and directional drilling technology to place wells at a safe distance from homes, schools and businesses. In addition, we build and maintain access roads and work to eliminate soil erosion near our sites, as well as restore local vegetation.

We implement advanced, modern protective measures known as Best Management Practices (BMPs) to help ensure energy development is conducted in an environmentally responsible manner. Procedures are implemented throughout our operations to protect freshwater aquifers and reduce environmental impacts. BMPs protect wildlife, air quality, water and landscapes as we work to develop vitally needed domestic energy sources.

Implemented throughout the entire life cycle of a well, BMPs can be as simple as strategically placing a berm, or land barrier, on locations to control surface water runoff. Others involve cutting-edge operational technologies such as utilizing the most advanced techniques offered in drilling fluids, well casing and cement design. Regardless of complexity, all BMPs are based on the idea that the environmental footprint of energy development should be as small and temporary as possible. These practices are continually evolving and further improving as Chesapeake and the industry develop new innovative techniques and approaches to business.

In addition to our BMPs, Chesapeake has also initiated several innovative internal programs focused on water recycling and greener hydraulic fracturing processes.

#### Aqua Renew

Created to meet the challenge of reducing our water usage, Chesapeake's Aqua Renew\* program uses state-of-the-art technology to recycle pro-

duced water. Since the company's preliminary reclamation project in

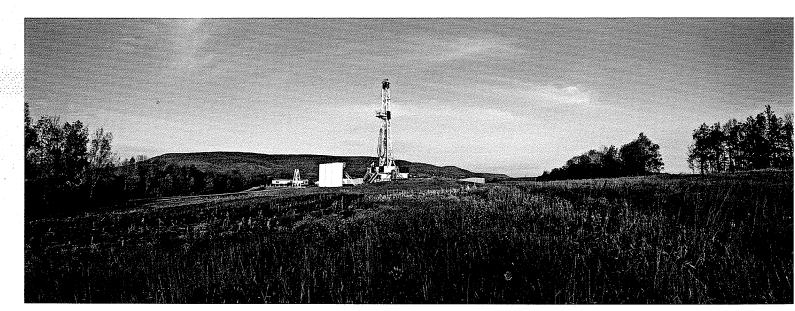


2006, our focus on water reuse and conservation has become a companywide endeavor, stretching from the Barnett Shale of North Texas to the Marcellus Shale of northern Pennsylvania.

The *Aqua Renew* program has yet to find a limit to how much recycled water could be used without compromising well production. In fact, our Marcellus Shale operations are treating and recycling virtually 100% of produced water (more than 10 million gallons per month) for reuse in our hydraulic fracturing operations. Properly conducted modern fracking is a highly engineered, controlled, sophisticated and safe procedure.

With such large volumes of recycled water, the company is seeing more than just environmental advantages. We estimate that this

Green operations — Chesapeake's Best Management Practices ensure our operations are as environmentally friendly as possible, while protecting our employees, neighbors and the areas where we operate.



process is saving the company an average of \$12 million per year in the Marcellus Shale alone.

#### Green Frac

Chesapeake's *Green Frac* program was launched in October 2009 to evaluate the types of additives typically used in the fracking process. As

an industry-leading program, *Green Frac* is a decisive move toward an even greener fluid



system. By reviewing all of the ingredients typically used in each fracking operation, the program identifies additives that can be removed and tests alternatives. To date, the company has eliminated 25% of the additives used in frack fluids in most of its shale plays.

*Green Frac* is also establishing simple guidelines for the company and its vendors to select fracking ingredients that present minimal risks to people and the environment. These guidelines will also be used to topics covered includes Occupational Safety and Health Administration (OSHA)-required safety training, such as hazard communication, personal protective equipment, confined spaces and respiratory protection. In addition to operations training, we also provide safe work practices, vehicle safety and specialized training for employees and contractors who perform specific tasks such as emergency response. Specialized environmental training is also provided to address topics such as air compliance, waste management and spill prevention.

In 2010 we conducted a total of 2,306 instructor-led training courses and 67 web-based training courses on safety and environmental programs for employees, contractors, vendors and visitors.

To further our training efforts and emphasize the importance of creating a safe work environment, the company established the Chesapeake SAFE program in July 2010. Through workshop training courses, the program focuses on developing safe behaviors, promoting a safety-conscious culture and reducing risk in all operating areas. By year-end 2010, more than 4,200 employees and consultants participated in 121 workshops in 18 cities across the country.



Learning from the best — Our commitment to creating a safe work environment continued to grow in 2010 with the founding of the Chesapeake SAFE program. Focused on developing safe behaviors, promoting a safety-conscious culture and eliminating risk in all operating areas, the program has trained more than 4,200 employees and consultants.

increase public understanding of the process and its necessity in the production of American natural gas.

#### Employees

From state-of-the-art training facilities to extensive health and wellness programs, Chesapeake provides employees with the skills they need to succeed both in the field and at the office while creating a well-rounded environment for employees and their families. We are committed to the safety and well-being of our employees, contractors and local populations.

We provide initial and refresher safety and environmental training to our employees and contractors. In addition to classroom and hands-on training, we utilize online environmental, health and safety training focused on company policy and procedures for topics pertinent to the management of our field assets. The range of From state-of-the-art training facilities to extensive health and wellness programs, Chesapeake provides employees with the skills they need to succeed both in the field and at the office while creating a well-rounded environment for employees and their families.

Chesapeake's commitment to employee health and wellness is also evident at our 72,000-square-foot fitness center, which provides Oklahoma City headquarters employees and their families with on-site access to state-of-the-art health equipment, recreation leagues and group exercise classes. For employees who work outside of our headquarters, we subsidize family fitness memberships and recreational entry fees.

To further promote healthy lifestyles, the company-wide Living Well program provides financial incentives for employees who participate in regular exercise, education, motivation and intervention. In 2010 more than 6,900 employees participated in Chesapeake's Living Well program with more than 70% earning financial awards.

In addition, we provide discounted or free memberships to organizations such as Weight Watchers and cover the cost of most registration fees for local races and fitness events. Throughout the year the company also hosts a number of health-related classes and programs, including our award-winning Live Better Forever program, a dynamic new Your Life Matters mental health initiative and Lunch and Learn seminars.

From our extensive required safety training to our award-winning health and wellness benefits, Chesapeake is dedicated to providing quality resources to ensure the health and well-being of each of our employees.

#### BOARD OF DIRECTORS >>



#### STANDING (LEFT TO RIGHT)

#### Merrill A. "Pete" Miller, Jr. (1.2) Chairman, President and CEO National Oilwell Varco, Inc. Houston, Texas

#### SEATED (LEFT TO RIGHT)

Don Nickles (4) Former U.S. Senator, Oklahoma Founder and President The Nickles Group, LLC Washington, D.C.

#### **V. Burns Hargis** <sup>(1)</sup> President Oklahoma State University Stillwater, Oklahoma

#### **Charles T. Maxwell** <sup>(3,4)</sup> Senior Energy Analyst Weeden & Co. Greenwich, Connecticut

#### Aubrey K. McClendon

Chairman of the Board and Chief Executive Officer Chesapeake Energy Corporation Oklahoma City, Oklahoma

#### Frederick B. Whittemore (3.4) Advisory Director Morgan Stanley New York, New York Retiring from the Board in June 2011

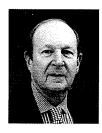
#### **Richard K Davidson** <sup>(1)</sup> Retired Chairman and CEO Union Pacific Corporation Bonita Springs, Florida

#### Frank Keating (3)

Former Governor, Oklahoma President and CEO American Bankers Association Washington, D.C. Kathleen M. Eisbrenner (3.4) Founder and CEO Next Decade The Woodlands, Texas

#### (1) Audit Committee

- (2) Lead Independent Director
- <sup>(3)</sup> Compensation Committee
- (4) Nominating and Corporate Governance Committee



Louis A. Simpson Chairman SQ Advisors, LLC Naples, Florida *Nominated for election in June 2011* 

#### Governance

Our Board of Directors is responsible to our shareholders for the oversight of the company and for the implementation and operation of an effective and sound corporate governance environment. We believe that effective corporate governance contributes to long-term corporate performance. An effective governance structure should reinforce a culture of corporate integrity, foster the company's pursuit of long-term strategic goals of growth and profit and ensure quality and continuity of corporate leadership. Our directors will continue to be diligent in their efforts to preserve the public trust while fostering the long-term success of the company.

#### OFFICERS >>



Aubrey K. McClendon Chairman of the Board and Chief Executive Officer



Martha A. Burger Senior Vice President -Human and Corporate Resources



James C. Johnson Senior Vice President -Energy Marketing



Thomas S. Price, Jr. Senior Vice President -**Corporate Development** and Government Relations



Steven C. Dixon Executive Vice President -**Operations and Geosciences** and Chief Operating Officer



Jeffrey A. Fisher Senior Vice President -Production



Michael A. Johnson Senior Vice President -Accounting, Controller and Chief Accounting Officer



J. Mike Stice Senior Vice President – Natural Gas Projects and Chief Executive Officer Chesapeake Midstream Partners, L.P.



Douglas J. Jacobson Executive Vice President -Acquisitions and Divestitures



Jennifer M. Grigsby Senior Vice President, Treasurer and Corporate Secretary



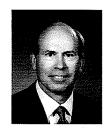
Stephen W. Miller Senior Vice President – Drilling



Cathy L. Tompkins Senior Vice President -Information Technology and Chief Information Officer



Domenic J. Dell'Osso, Jr. **Executive Vice President** and Chief Financial Officer



Henry J. Hood Senior Vice President - Land and Legal and General Counsel



Jeffrey L. Mobley Senior Vice President -Investor Relations and Research



#### FROM PENNSYLVANIA TO NEW MEXICO, WE THANK EVERY MEMBER OF TEAM CHESAPEAKE >>>

We would like to thank each of Chesapeake's 10,021 employees who brought a unique combination of experience, talent and positive attitude to the company in 2010. Last year the company was honored for the fourth consecutive year with inclusion in the FORTUNE 100 Best Companies to Work For<sup>®</sup> list at #32, the highest-ranking company in the energy production industry.

#### 1989 (3)

Kinney Louthan Aubrey McClendon Patsy Watters

#### 1990 (3) Kevin Decke

David Higgins Cindi Williams

#### 1991 (4)

Marilyn Pollard Patti Schlegel

1992 (2) Tom Price

#### 1993(5)

Ralph Ball David Desalvo Mike Johnson Randy Pierce Dave Wittman

#### 1994 (16)

Barbara Bale Martha Burger Michael Coles Traci Cook Ron Goff Greg Knight Dan LeDonne Rich McClanahan Steve W. Miller Tommy Morphew Pat Pope Danny Rutledge Stephanie Shedden Ronnie Ward Shelly White

**Richey Albright** Paula Asher Eric Ashmore Randy Borlaug Shelli Butler Melissa Chambers Dale Cook **Ted Davis** Mandy Duane Steve Gaskins Jennifer Grigsby Gayle Harris Henry Hood Lorrie Jacobs Barry Langham **Cindy LeBlanc** Leland Murray Fred Portillo

John Qualls Pat Rolla Hank Scheel Charles W. Scholz Stan Stinnett Brenda Stremble Greg Weinschenk

Jasen Davis

Steve Dixon Julie Washam

Melanie Weaver

Gerald Zgabay

#### 1995 (26)

Brian Winter

Curtis Williford 1996 (29) 1998 (62) Heather Anderson Jamie Carter

George Denny Tim Denny Gary Dunlap Laurie Eck Jan Fair Barbara Frailey Linda Gardner Charlene Glover Randy Goben Jim Gomez Melissa Gruenewald Doug W. Johnson Jim Johnson Taylor Kemp Mike Lebsack Steve Lepretre Larry Lunardi John Marks Sandi Michalicka Liz Muskrat Angela Ports Tommy Putz Bryan Sagebiel Kurt Schrantz Phyllis Trammell Allan Waldroup

#### 1997 (32)

Linda Allen Karla Allford Sara Caldwell Steve Cody Kristine Conway Randy Cornelsen Michelle Cullen Bruce Dixon Greg Drwenski Mark B. Evans lov Franklin Rob Gilkes Shane Hamilton Michael Horn Eric Hughes David B. Jones Mike Ludlow Sarah Lumen Lauren Matlock Sam McCaskill Bob Neely Bob Pope Erick Porter

Jolene Schur Carolyn Simmons April Smith Wilma Smith Frank Unsicker Ivajean Wallace Craig White Dori Williams

Stephen Adams Crae Barr Francy Beesley Joel Bennett Leonard Berry Jr Susan Bradford Mark Brown Randy Brown Lori Budde Terry Caldwel Bob Campbell Ted Campbell Sherri Childers Tana Clark Jennifer Copeland David Craveraft Iris Drake Mac Drake Gary Egger Steve Emick Dan Estes Dennis Frick Stacy Gilbert Jim Gowens Kelsey Hammit Tresa Hammond leff | Harris Debbie Hulett Julie Ingram Tammy Kello Rose Kim Steve King Mike Lancaster Chris H. Lee Carrie Lewis-Crawford Craig Madsen John Marshall Kim Massey Allen May Dennis McGee Alten A. Miller Bill Miller Carey Milligan David Mobley Wesley Myers Bud Neff Ir Kathy Nowlin Don Pannell Michael Park

Kelly Ruminer

Grea Small

Bill Snyder George Soto Dan Sparks Linda Steen Becky Thomas Jennifer Van Meir Rusty Walker Lynn Whipple Mandy Whipple

Mandy Pena Matt Rockers

#### 1999 (22) onathan Bal

Mel Barker Sue Black Dory Douglas Mark Edge Jenny Ferguson Jeanie Fuller Susan Green Yamei Hou Doug Jacobson Jim Kellev LynnLooper Dea Mengers Michael Miller Tammy Nguyen LaCosta Rawls Larry Shipley Michelle Smith Connie Turner Courtney Tyson Tonva Vallerand Tobin Yocham

#### 2000 (41)

Shellie Ashworth Pollard Johnnie Bartlett Doug Bellis Jan Benton Bobby Bolton Jeff Brooks Becky Cassel Rachel Clapp Debbie Curtis Jennifer Dees Tammy Fields Robin Gonzalez Annie Hamilton **Twila Hines** Eric Hoffman Ronnie Howel lim Kuhlman Don Lee Debbie Lloyd Jay May Jr. Andrea McCall Cindy McClintock Collin McElrath Courtney Moad Georgia Moller Chantelle Porter Edward Puffinbarger Mike Sawatzky Cindy Schwieger

Brent Scruggs Vance Shires Stuart Skelton David W. Smith Catherine Stairs Jerry Townley Nick Wavers Brenda Wheeler Bob Whitman David Whitten Brent Williams

#### Bob Woodside 2001 (98)

Jerry Aebi Karen Albornoz Cranford Jeremy Allison Terry Ashton Betsy Ball Gloria Bates Michelle Bender Bruce Boeckman Boyce Boelen Sharon Bradford Von Brinkley Deanne Brooks Marty Byrd Carlos Caraveo **Biff Carter** John Carter Keith Case Marika Chambers Kristi Clemmens John Cook Tim Cook Juanita Cooper Jim Corsoro Leigh Ann Crain Brian Cunningham Garry Curry Shawn Downey Jeff Eager **Richard Easterly** Tommy Edler Amanda Elam **Brian Exline** Alex Gallardo Jr. Matt Gambill Roy Gentry Suzie Goolsby Randy Gravson Rick Green Kaisa Greenhoward Jackie Gross Johnny Harris Jeremiah Jackson Krista Jacobson Justin Johnson Keith 1, hnson Rob Jones John Kapchinske Ginni Kennedv Edward Killen Julie Knox

Jeff Lenocker Julia Lillard Darwin Lindenmuth Travis Long Rita Marole lim McHenry Debbie McKee Don Messerly J. C. Morris Melinda Neher Lee Nelson Kevin Newberry Tim Newville Deborah O'Neal Ricky Petty Dianne Pickard Catherine Ratliff Lynn Regouby Gina Romano John Romine Larry Ross Mike Rossiter Larry Settle Dee Smith Jr Patrick Smith Chris Sorrells Dennis Splan Jason Stamper Cindy Stevens Bill Stillwell Gary Stoner Howard Stout Tim N. Taylor Jason Thaxton Alvin Thomas Rudy Thomas Robbie Thrash Larry Watters Paige Whitehead Connie Williams Freda Williams Dawn Wilson Brandon Winsett Marvin Winter Ir Larry Woodruff Amanda Young 2002 (132)

Daniel Koehn

Kennettallee

Paula Abla Nicole Adams Jenny Adkins Roger Aldrich Jimmy Alexander Brian Babb Charlie Bagley Bob Baker Evnard Barrera Cindy Barrios Shane Barron Dennis Bass James Beavers Randy Bergen

Casidy Lee

Ken Leedy

**Billy Long** 

Stephen Lobaugh

Leonard Blackwill Paul Bowver **Troy Bradford** Robert Bradley Don Bredy Jim Brock Cindy Brown Kathy Brown Lynn Broyles Jason Budde Greg Burchett Aaron Bush Ernest Byrd Chris Carter Paul Childers Jackie Cooper Jr Lori Crabtree Cary Crusinbery Jr James Davis Trent Delano Cheryl Delzei Cathy DeGiusti Larry Dill Sherry Dixon Eldon Eagan Eric S. Edwards Michael Falen Mark Falk Shawn Fields Tom Flesher Viel Flores Justin Foust Adam Gaskill Tamara Gathers Fred Gipson Lisa Glover Cornelio Gomez David Gouker Steve Hall Melvin Harpe John Henry John Hornsby John Hurst Todd Ice Bud Jackson Jay Jarvis Danny Jech Jim Jinkins Gary D. Johnson William D. Johnson Chris Jones loe lones Mike Kee Dax Kimble Nancy Knox Greg Kochenower Jeremie Koehn Spencer Land Steve Larman **Ricky Laster** 

Shawn Marsh Andrew McCalmont Mitch McNeill **Richard Mieser** Steve Mills Sidney Mitchell Claudia Molina de Wolford Nathan Morrison Todd Murphy **Cindy Murray** Jeff Newby **Rick Nunley** John Ortiz David Parker Robert Pennel Ryan Phillips Sharon Pool Bob Portman Eric Powell Mike L. Reddick Ronald Reidle Martin Robertson II A.D. Robison Randy Rodrigue Vern Roe Jr. Danny Schmidt Kary Schneberger Stacy Settles Dewayne Shaw Michael Sherwood Will Shisler Greg Skiles Chad Smith Robin Smith Maria Strain Josh Swift Chris Townsend Michelle Townsend Ryan Turner Rodney Vaeth Fred Vasquez Ruben Vega Jr. Al Warnei James Warner Michael Weese Hazel Welch Leslie Wertz Eddie Whitehead John Wilken Gary Willeford Mark Willson Jerry Wilson Robert A. Wilson Roy Wilson 2003 (211)

Ronald Aaron Pat Abla Corky Baker Staci Barentine-Bogle Charlie Bateman Mike Bechtel John Biaas Tammi Bradford

George Bradley Kim Brady David Brannen Aron Bridges Ronald Bromlow Jennifer Broomfield Bryan Brown Jeff Brown Heather Brunker Kenneth Brunson John Bullard Bayley Burns Cyndy Burris Buster Burton Jr. Ara Bush Lori Byrd Keith Cameron Bob 0. Campbell Carol Canek Pat Carson Gary Carter Dennis Cerny David Chisum Mike Churchwell Tony Clark Michael Clinton Kim Combs Tom Corley Brian J. Cox Jr Brvan Cox Michael Cramer Ann Croan Jarod Cunningham Wendy Cunningham John D. Davis Jon Davis Ryan C. Dear Scott Dickson Dennis Dix Derek Dixon Steve Donley Shanon Dunlap Jody Dunn lack Elliott Jimmy Embery Charlene Ernest Keith Ervin Serena Evans Jim Fansher **Dirsula Faus** Mark Ferbrache Jeff Fisher Mitch Floresca Tommy Foust L.R.Fox Justin Froehlich Edd Gabbart Fred Gagliardi Travis George B.K. Gibson Kenneth Gideon Dana Ginanni John Gist Randy Gladden David Godsey Jeff Gorton Jim Govenlock Pablo Hadzeriga Jr Paul Hagemeier Buck Hall Michael Hall Ronnie Haney Jessie Hardin Graham Harris Roger Harrod Lisa Hartman **Rich Hearst** Pancho Hendricks Tara Henry Glen Hensley Sue Ann Henthorn **Catherine Hester** Anita Hixon Lanny Holman Misty Holtgrefe Paul House Brian L. Howard Roy Howe Donna Huff **Rosie Hutton** 

Angela Ingargiola James Inman John Jackson Dave Johns Tommy Johnson Joseph Kennedy David Kerrigan Melissa Ketchum Joe Kidwell Neil Kincade Danny King Melvin Kingcade Matthew Klaassen Jennifer Knott Pete Lane Jr. Jeff Lasater Al Lavenue Kathy Leasure Dustin Lenhart Nick Little Dustin Locke George Lomar Clint Lord Jason Lowrey lark Lowry Sergio Luian Shane Lukasek Jr Sharon Luttrell Mark Mabe Ali Mallett Jeremy Marple Shelly Martin Alex McCalmont Danielle McCov Kenneth McGuire Sr. Menecca McHone Carol McKenzie Rvan Meacham Eddie Merkel R.T. Miller Jay Monroe Alfredo Montiel Lucretia Morris Huey Morton Larry Mossman Paul Munding Maureen Nelson Jason Nichols Tal Oden Tony Olivier Rena Owen Ashley Paine Tobin Paris Nancy Parker Gary Parks Gale Parman Kellie Patterson Donnie Patton Sr Andrea Patzkowsky Michael Phillips Ronnie Pitts Brent Pletcher Jerry Preston Jennifer Pryse Ken Rechlin Wes Redding Jim Reisch Mindi Richardson Matt Roberts Jody Robertson Kristen Rogstad Doug Romero Mark Russo **Beverly Sampson** Larry Savage Bob Schmicker Dave Schoonmake Kily Seaman Janet Selling Keith Shahan Clay Shamblin Aaron Siemers Stacy Smith Joyce Stanmire Scott Stearman Marla Strack Luke Strickland Michelle Surratt Blake Surrell Jaime Tatro

Jerry Todd Scottie Trejo Seth Unruh Julio Vasquez Larry Ventris Johnny Voth Keith Wagnon Josh Wangler Brad Watkins Noel Way Dan Welch David Wernli De Ann Williams Nicole Williams David B. Willis **Bill Wince Ir** Martin Wise James Worsham Jr lodd Wright Linn Yousev Lori Zang 2004 (326) Greg Adams Justin Adams Carol Adle Gary Allen Stephanie Allsbury Tim Andrews Ronald Babers Kristi Bacon Jeffrey Bailey Bobby Baker Jeff Ballard Eric Barbee Paul Baresel Tina Barnhill Damon Beasley Geoff Beaulieu Curtis Blake Lorraine Blanchard Kelsey Rlenden Bradley Blevins Lee Blevins Aaron Bloedow Courtney Blood Deborah Bond Brian Booker lad Boone Kristin Bottom Thomas Boucher Angela Boulware Rudy Bravo Jr. Avis Brav Jeff Bray Dustin Brinkley Jeff Brinlee Terri Bristow Darren Brittair Anita Brodrick Donald Bromlow Brad Brown Dan Brown Diana Brown Harlan Brown Jason J. Brown Pamela Brown Iravis Brown Aaron Buchanan Craig Buck Kingsley Burke Jackie Burks Josh Burris Tim Butkus Amber Butle Juan Calbillo Mike Campbell Christopher Cantrell Randy Cantwell Larry Carter Lupe Castro Jana Cathers Michael Chester Yong Cho Tony Churchill Cherokee Clark Justin Clark Carolyn Coble

Amber Thomas

Chevy Thomason

Brenda Coffman Rich Colbert Paul Coleman Craig Collins Andrea Conner Hershel Conrad Jennifer Cooksey Melissa Costello Danielle Costilla Lorrie Cottam Cole Courson Patrick Crain Sharon Crain Tim Crissup Kizzy Crowell Justin Cruse Cathy Curtis Rvan Curtis Glenn Cushenberv **Clint Daily** Evelyn Daniel Robbie Dean David DeLaO Alene Do Kelly Dobbs Johna Dodson Kirk Dougherty **Dustin Drew** Chuck Duginski Peggi Elliott Brian Ellithorp Carlos Evans Robin Evans Sheila Even Ron Everett Libby Fanning Erik Fares Fred Ferbrache Dustin Fick Jeremy Finefrock Jeff Finnell Jarod Fite Walter Fletcher Tommy Ford Jr. Anville Francis Linda Fries Terry Frohnapfel Gary Garrison John Garrison Guv Gaskill Paul Geisinger Ronnie Givens Josh Glancy John Glynn Linda Good Michael Goossen Jennifer Granger Angie Green Coty Greer Bonnie Griggs Mark Hadlock Victor Haley Katy Hampton Rachael Hanoch Andrew Hanscom Joel Harris Robert Hart Melanie Harvey Linda Havrilla Heather Hawkins Rebecca Henderson **Tim Henley** Chris Henry Francisco Hernandez Randy Herring J. D. Hertweck Melissa Heusel Kevin Hill Danny Hink Randy Hodge Buz Holloway Latania Holt Alan Horton Doug Howeth Will Hubbard Lauren Humphrey **Cristy Hutchens** Mark Hylton Jamie Jacksor Randy R. Jackson

Javson Janes Amanda leantet Jeff L. Jones Steven Jones John Keeling Shamara Keith Bill Kerby Jason Kneedy Brenda Knight Brett Knight Josh Komarek Matt Kopf Pam Koscinski Jennifer Landers James Lardner Corv Lewis Shea Lewis **Brent Lightsey** Melvin Like Harold Lopez Justin Lucas Barbara Lydick Luke Lyons Stanley Major Tara Martin Lolo Martinez Rogelio Martinez Bill McBraver John McCartney Kelly McConnell Duane McDowell Mike McGinnis Donna McGriff Natalie McNeil Ryan McNeil **Cliff Merritt** Matthew Milledge Pat Mills Sheldon Mills Rodolfo Molina Elton Monroe Kendra Monroe Penny Montgomery Dana Moore Sim Morgan **Jimmy Morris** Elisa Mount Mark Murray Tim Murray Chuck Myers Todd Nance Michael New **Rich Newton** Shery Orahood Steven Owen Regan Paquette Lindsey Pargeter Glenn Parker Rvan Parman Walter Patten Deone Pearcy Chris Pennel Andrea Penner Raymond Perez **Dwain Peterson** Randall Pierce Debbie Piette Dennis Plemons Keitha Plumiee Bryan Potter Janae Power Kelly Price John Priest Flo Prieto Josh Purcell Odie Quigley Shelly Quimby Loren Raley Brad Ralstin Juan Ramirea Jeff Ramsdell Iom Reasnor Shannon Reed Doug Reuss Jack Rhine Dusty Rhoads Tiffany Rhodes Jerry Rhymes

# Jeff James Ryan Jameson

Renee Riebe Gary Robbins Bill Roberts Chip Roemisch Ir. Richard Rosencrans Kelly Rother Mary Ann Sanders Larry Satterfield Jr. Perry Scheffler Heather Scoggins Joel Scott John Seldenrust Juan Serna Steve Serna John Sharp lack Shaver Paul Shelite Gene Shepard Kyle Shipley Paul Skelton Jr Stacy Slater Julie Slaton Clay Smith Mark Smith Monte Smith Jewel Sneed Gail Spencer Robert Sperandio Adria Sprigler Terry Stafford Daryl Stallings Steve Steadham Joe Stewart Pete Stewart David Stone **Travis Stout** John Stoute Jr Tom Stovall Bob Streeter Kelsey Swinford Mark Syzemore Barry Tarman Ray Taylor Ion Terrell Randall Thomas Renee Thomas

Chase Williams Randy Williams Antoine Wilson Kelly Wilson Dave Winchester Carla Wood Harold Wooley Landon Worth lose Yanez Mark Yeisley Becky Young Josh Young David Zerger Steve Zmek 2005 (745) Daniel Abeyta Ji Jim Adams Julius Adams Robert Adams Tony Adams Ronald Addington Christa Adkins Jamie Adkins Jeff A. Adkins Jeff J. Adkins Wayne Adkins Nancy Aguilar Reford Alcorn **Bill Allbright** Cindy Allen Claude Allen Sandy Alvarado

Jeff Wolf

Dana Woo

Erin Allen

Fred Amburgey

David Anderson

Jeff D. Anderson

Gary Anthony

Randy Anthony

Linda Arambula

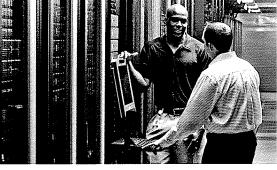
Lee Arnold

David Atha

Matt Atkins

Dawn Arismendez

Tyler Beaver John Beckwith William Bennett Cornelius Birmingham Andrew Black Kenneth Blackburn Jackie Blanchard Ron Bliss Dot Blythe Buddy Boeckman Nick Boeckman Charlie Boggs **Timothy Bohannan** Raymond Bohnet K.P. Boland Corey Bolding Ronnie Bonnett Adam Bos Tim Bostick Mark Bottrell Joe Bradford Everett Bradley Kenny Bragg David Branham Debra Branham Gail Branham Del Brazeal Chris Brennan Jordan Brim Ronald Brisendine Brent Bromlow Donna Brown Richard Brown Kathy Buckley Nichole Buersmeyer Vicki Bumpas Kara Burch **Rodiney Burgess** Steve Burnett Abiel Buruato Ronnie Bynum Gavan Byrd Skye Callantine Deric Canary Michelle Cantrell Steve Cantrell



OKLAHOMA CITY, OKLAHOMA Chesapeake's IT team manages nearly 2,000 servers and 1.5 million gigabytes of storage to support business functions for more than 10,000 employees.

Robert Thompson Kelly Thomsen Ryan Ihomsen Cathy Tompkins Tom Treece I.J. Treece **Billy Trent** John Uhlenhake Billy Uptigrove Anji VonTungeln Aaron Vrbenec Fred Wanker Bryce Ward Kyle Welcher Iom Wible Jackie Wicks Andy Widmer Leon Wildman Jill Willey

Melissa Atkinson Jeffrey Atteberry Rvan Atwell Rebecca Avant Brian Bailey Leigh Ann Bailey Marty Bain Kyle Baker Melvin Baldridge Gary Barnard Rick Barnes Mark Barringer Shawn Barron Karen Bartley Cody Barton Bob Bary Dustin Baxter Traci Bean Thomas Beaty

Silas Carnes Dennis Carpenter Krista Carpenter Mendy Carpenter Shannon Carrion Cathy Carter Kyle Carter Zulema Casas Cassie Casto **EuAnn** Chance Darrel Chandler Donald Chaney Mike Chapmar Richard Chin Nikki Church Lemon Cathy Clark Charles Clark Linda Clark James Clay

#### 32 | EMPLOYEES

Dana Clayton Jack Clement Jr Bryan Clevinger Paul Coffey Jackie Cole Robert W. Coleman Kevin Collins **Tiffany Collins** Christian Combs Douglas Combs Gary Compton Michele Comptor Bill Connard Paul Conway

**Ricky Endicott** Greg Gromadzki Angle England Ronnie Guerrero Ranulfo Escamilla Dave Gum Alison Estus Todd Gum David Eudey Jim Gumm Sara Everet Rodney Gunter Stacy Evett Deanna Farmer K.C. Fernuson Mark Ferman Cori-Dawn Fields Brad Finley Donald Fisher Dovle Fisher

Greg Howell

Sonny Htoon

Paul Hudgins

Larry Hughes

lason llie

Betsy Ireson

Johnny Ison

William Ireson

Bryan Jackson

Bruce Johnson

Mark Johnson

P.J. Johnson

George Johnson

Steve S. Johnson

Mike Jackson

Kris Janzen

Rodney Hughes

Jeff Huelskamp

Christine Hughes



SLIGO, LOUISIANA Wellsite planning is critical to the development of regions where one play is stacked atop another, such as the Haynesville and Bossier shales in northwestern Louisiana.

Curtis Corcoran Mike Cornette Geron Cottam Tim Cottreli A.J. Cox Elsie Cox Marisa Graio Dennis Crisp Vernon Crumm III Joshua Crystal Charlotte Cullifer Larry Cunningham Ronnie Cungingham Arthur Curry Billy Curry David Cutright Bo Daniel Christy Dare Fred Daugherty Donald Davey Emily Davis Jacob Davis Khari Davis Lisa Davis Rod Davis Ricky Daw Irene Da Rocha Mario Delao Aletha Dewbre-King Hank DeWitt **Brent Dixon** Darrell Dollens Pete Dominquez Tyler Doolen Barney Dosier Dustin Durkee Stephen DuBois Houston Eaglestor Joe Earley Anthony Earnest Nate Easter Michael Edwards William Edwards Travis Egner Eric Eller Robert Effiott Bryan Ellis Kay Elrod Alan Elswick

Phyllis Copley

Jeff Lane Fisher Marc Fleischer Adam Flores Meara Foreman Darcie Foster Jason Fournier **Ricky French** Victor Frias Bret Frie Mike Friend Rodney Friend Mindi Friese Andy Fritsch Rachael Fugate Toby Fullbright Dennis Gagliardi Michael Gallo Beau Galloway Cleab Gamble Alma Garcia Lori Garcia Tonya Garrett Fred Gates Liz Gerhard Josh Gibson John Gilbert Rhonda Giles David Gilliam Keith Glasgow David Glass Zane Glasscock Jason Glassev Mitch Goble Dave Gocke Brian Goins Heather Gomez Alex Gonzalez Martin Gonzalez Paula Grace Brian Graefnitz Daniel Graham Henry Granados Jay Gray Kenneth Grav Stephen Gray Rodney Greathouse Marcus C. Green Shane Green **Tracy Green** Brady Greer David Griffith

Roberto Gutierrez John Gwynn Patty Haffey Lea Hain Ronald Halbert Donny Hale Garrett Hale Paul Hale Rarb Hall Don Hall Marcus Hall Mike Hail Joe Haistead Wheeler Hammit Buddy Harbison Rusty Hardin Lonnie Harl Dewey Harless Mike Harless Nathan Harless Shanna Harmon Farl Harris Michelle Harris Phyllis Harris Tom Harris Denise E. Hart Kenneth Hartfield Steve Harvath Randy Hatfield Daniel Hattaway Tyler Hawkins Joe Hays William Havs Brian Heckert Fred Hein

Kevin Johnston Lonnie Johnston David S. Jones Fred Jones Mark Jones Pat Jones Greg Jordan Jessica Jorns Frances Jowers Joe Juarez Larry Justice Erin Kaiser Brandon Kammerei Kevin Kannes Earl Karickhoff Robert Keenan John Keller Earnest Kelough Brad Kemp Ron Kendrick Mike Key Jommy Kidd Donna King Gary King Rvan Klein Mark Knapp Brad Knight Andrew Kock Jennifer Kraszewski Rusty Kreizenbeck Kim Kremer Kris Kuehn Linda Kurtz Jim Kwasov Anthony Lafferty **Bill Lafferty** Paul Lafferty Sidney Lane Karen Landies Henry Latimei Mike Laue Will Lawler Ronnie Lawrence GinaLawson Joshua Lawson LarryLee Justin Heinken . Keith Lehman Brad Lemon Darin Herndon James Lenhart Shannon Lenhart Marty Lesley John Highfield John Paul Leslie Donna Hilderbrandt Alteyva Kay Hillabold Jason Lierie Juan Hinoposa Wayne Light Jr. Arthur Hoehne Dan J. Lopata Gary Hobenberger **Becky Lorton** Thomas Holland Michael Lovelace Nathan Holloway Michael Lovero Dwayne Lowe Alfred Hooper Jr. Jason Lundy Randy Hooper Paul Lupardus Drew Hopkins Shauna Lyon Sean Macias Tim M. House Angie Mackey Lindsay Houston Craig Manaugh Amy Marburger Brian Howard Dovie Howard Robert Marsh III Jace Marshall

Jill Heitert

Craig Hicks

Eric Higgins

**Rick Hill** 

Pat Holman

Tim J. House

Kelli Howard

**Billy Martin** Danny Martin Deb Martin James Martin Randy Martin **Robert Martin** Thomas Martin Zachary Humphrey Chema Martinez Homer Martinez **Bill Mathews** Thomson Mathews Mack Matthews Bruce Matthey Jeff Maxwell Mike May James Maynard Andrea Mays Vicki McCabe Dax McCauley Chris McClaine Mike McClellan Jackie McComas Thomas McComas Meri McCorkle Johnny McCoy Jr. Rocky McCov Gene McCutcheon Casev McDonough Vanessa McDougal William McFadden Terry McGrady Jeff McGuire Donny McHenry Amy Mcliheony Arlie McKee Keith McKee Nick McKenzie Bill McKinney Doug McPherson **Dirk McReynolds** Donnie Meade Dan Melcher Bruce Melton Oscar Mendoza Saxon Mesa Paul Messer Casey Miller Cathy Miller Daryl Miller Jeff Miller Kelli Miller Mark Miller Eligah Mills Tom Mills Maya Mims Kyle Minyard Greg Mitchum Jeff Mobley Cheryn Mol Stephen Mollett Jim Moore Michael L. Moore Sherrie Moore Teresa Moore Dave Morehouse Jose Moreno III Phil Moser Jim Mottesheard Doug Mullins Jaime Munoz Dan Muret Sean Murphy Justin Murray Bhavin Naik Tim Nance **Tim Napie** Rusty Nash lames Neal Ir Scott Nease Donna Neel Jarrod Newberry Kena Newman Roger Newsome Jr. Robert Niavez Sid Niles Justin Nimrod Kelly Nix Curtis Nixon Jr. Kenneth Nolan Grea Northern

Adam Olivares Jr. Michele Oliver Dara Onev Charles Osborn Billy Osendott Bryan Ott Kary Ott Katie Overton Rodney O'Brien John O'Neal Tony Padgett Joe Paetzold Wray Paine Bill G. Parker Matthew Parker Michael W. Parker Toni Parks-Payne Amanda Parsons Trisha Pate Hoot Patterson **Kevin Patterson** Kenneth Payne Deborah Pavne Sherwood Tom Pepper Brooks Perry Gena Perry Jody Perry Mike Perry Joe Peterson Donald Petzold Jr. Teresa Pexa Kevin Pfiste Greg Pichler Michael Pickens Susan Pickens Joe Pierce Billy Pillars Josh Pitts Steve Poe Jr. Harold Porter Johnny Porter Laĭonva Porter Leon Potter Jared Pounds Cara Pourtorkan Reco Preece **Bob Price** John Prichard Jr Jennifer Prince Martin Province Bobby Putman Jeff Raines Weldon Rainev Larry Raleigh Keith Rasmussen Billy Ratliff . Jennifer Rathff Peter Rauscher Donna Ray Lonnie Ray Vickie Rav Gavin Reed Kenneth Reed Melissa Reed Nathan Reed Stevue Reed Brian Reeder Lorrie Renfro Philip Rennei R.J. Retzer Jeffery Rhoades Stewart Rhoades Jerad Rhodes Mike Rice Ray Rice Bill Richardson Chad Richardson Joni Richardson Ralph Riffle tr Johndetta Rilev Johney Riley Steven Rile Brandon Ripley AJ Risner Nakita Rizzo John Robinson Rusty L. Robinson Pedro Rodriguez Brad Rogers

Cliff Rogers **Dionne Rogers** John F. Rogers Chuck Rose Dayton Rose Kristin Rose Hargis Ross Lloyd Rubottom Gary Russell George Russell Jim Russell John Ryza Scott Sachs **Clinton Salvers** Gary Sanders Jason Sarakatsannis Carl Sargent Jay Savill Brandon Scheffler Rob Schindler Doug Schmidt Randall Schultz Greg Schwerdtfeger Emily Scott Kathy Scott Bart Seaman Jennifer Sebo Larry Segar Steve Seliquini Ivan Semien Perry Settles Gail Shackelford Tommy Shaffer Arco Sharp Jr. Jackie Shave Stan Shaw Donald Shelley Marvin Shepherd Greg Shingleton Tammy Shingletor Mike Short John Shreve I Odie Shreve Lee Shreves Derrick Sier Bob Simmons II Brian Simmons Justin Simonton Billy Sims Ir Carni Sims Leo Sinnott Jr. Brian Skidmore Ralph Skinner Jr Charles Sloan Malcom Sione Miranda Small Eric Smith John Smith Jonathan J. Smith Lindsey Smith Roy Smith Scott Smith Stephen Smith Ronald Snyder Jr. Manuel Soriano Jr. Myron Sowards **James Sniller** Keith Spitzenbergei Earry Stacy Briana Steelman Tarza Steiner Robert E. Stickler II Robert Stickler Jason Stidham Justin Stinson Jayson Stock Brandon Strack Lola Strickland Dave Stumbo Scott Suliivan Travis Sullivan fodd Swartzbaugh Anthony Sweeney Charles Switzer Jr. Jim Tampke Philip Tanner Mike Tarolev Brian Tatro Gearold Taylor Jody Taylor

Stephen Taylor Carole Tear Eric Tennant Steve Tharp Joe Thomas Lawrence Thomas Val Thomas Willie Thompson Jr. Mike Tigner **Billy Timmons** Kelly Torri Cheryl Tramell Huy Iran Matej Triska Scott Truesdale Vernetta Tubbs Kristi Turner Matt Turner Susan Tuter Kenna Ulderich Sharon Ulmer Jason Updegraff Dana Vaden Joseph Valerio II Banner Vanderpool Jakie Vaughan Ryan Veirs Suzanne Victoria Lupe Villarreal Jr. Tammie Voelker **Lindsey Von Tuppeln** Kenneth Wagoner Benny Wallace Charles Walten **Richard Walls** Leonard Waiters Justin Wardron Brian Wasinger Karen Watson John Weaver Ginny Webb Thomas Webb Lisa Webb Johnson Shae Weddle Jeff Weides Keith Wells Lee Wescott Kyle White Larry White Mallorie White Dan Whitmarsh Valerie Wible Charles Wilburn Dale Wildman Brooke Wiley Mark Wiley II Lisa Wilkinson Dallas Williams David S. Williams Nancy Williams Terry Williams B.J. Williamson Jason Williamson Hack Willis Ronnie Willis Kent Willoughby Brian Wines Kelli Witte Brad Wittrock Justin Wollenberg Julie Woodard Donald Woody Ricky Workman Leann Wright Yandy Yarbrough Doug Yeager Danna Yeardin So Youngblood III Justin Zerkle 2006 (1,073)

#### Russell Ables

Jessica Acker Claude Adams James Adams Kelli Adams William Adkison Ethan Adler Robit Aggarwal Kris Aldridge

Daniel Alford Kenny Alford Jamie Allen Joshua W. Alien Jimmy Alfred Billy Alven Joe E, Alv James Amelung Bob Amyx Caroi Anderson Gary Anderson Randi Anderson Shelby Andrew Melanie Andrews Howard Arnold Zachary Arnold Liz Arthur Thad Ashcraft Kevin Ashlev Amy Askew Micah Assulin Jennifer Atwell Roger Averitt David Avery Ed Back Misty Baeza Tim Badby Allen Bagley Michael Bahrenburg Ronald Bailey Butch Baird Charles A, Baker Dennis Baker Sitaraman Balakrishnan Boomi Balasubramaniyan Christa Ball Michael T. Ball Lisa Ballard Janice Balliet William Barker Dean Barnes Keith Barrett Cecelia Barrington tosbua Barton Lorie Barton Brandon Bashaw Warren Bass Douglas Baughman Tammy Baxter Tim Beard Liffany Beaver Terri Becker Steven Beckett Jim Bedford Clint Reeby Steve Beesor Danny Beets Bo Bekendam Robyn Belew Paige Benedict Cheryl Sennett Garrett Benton Jobo Bergman Sharon Berkley Eric Bess Robert Bevel Amar Bhakta Randy Bickel Jr. Lez Sicov Jacob Biernacki Parn Billingsley Matthew Birch Jeremy Black David Black Jr Willis Blaker III Phillip Blankenship Emily Blaschke **Tony Blasier** Jimmy Blevins Doug Bohlen Richard Bolding Brandi Bonner Daniel Borowski John Bottrell II Brian Bounds Barbara Bowersox Deven Bowles Donald Bowman Drew Boyer Phillip Bradford III

John Bradshaw Mark Brannon lames Branton Krystal Brauchi James Bray Michael Brenizer Bradie Brewton **H**Briant Melvin Bright Jr. Wesley Brogdin David Brooks Vernon Broomfield Rob Brott Natascha Brown Rodney G. Brown Sr L.Brown **Evanne Bruce** Ismothy Brummage Greg Bruton Cheryl Bryan J.D. Bryant Kala Buerger Joshua Sine Todd Bules Clifton Bullard Blair Bunch Niki Burch Roger Burford Darrel Burghardt Julie Burk John Burkhouse Jr. Jake R. Burnett Jim Burnett Aaron Burns Charles Burnsworth **Richard Burrhus** Phil Burrow Joseph Burtor Dustin Bushnell Eric 8vnum iom A. Bynum Tom Bynum Scott Byrum Stephanie Cahill Jerry Caldwell Rickie Callender III Jason Cameron Johnnie Campbell Karen Campbell Kenneth Campbell Shanna Campbell John Canary **Brvan** Carev Colt Carpenter **Connie Carpenter** Octavio Carpio Deborah Carroll Stephan Carroll lames Carter Alex Casias Bernardino Castaneda Jr. Charles Castelli Jose Castelo Aaron Casto Brandon Cates Scott Cavner Gregory Cavness Cassie Cawyer Rosa Chacon fim Chaloupek Harvey Chambliss Paul Charles David Chavarria Oscar Chavez Kathy Cheesman James Cheshire Henry Childress Richard Childress Stephanie Choate Twita Christy Kerry Clapp Suzanne Clapper Brandon Clark David Clark **Dustin Clark** James Clark Leon Clark Steve Clark Jason Claunch Brad Claypool

Erin Clayton Dustin Dunlap Eric Clements Michael Clevenger Curtis Dunn Jr. Ronald Clift Lindy Cochran Paul Duren Robert Cochran Jim Durst **Brent Cockrell** Dustin Dve Tammy Eaton Lauren Coro Virgil Coleman Robin Ebarb Katie Collins Michael Eddins Dee Combs Jason Conaway Craig Elder Greg Condray Jammie Elder Jeff Elder Andy Convers Ebbin Elliott Jr. Blavne Cook Jim Cook Jordan Elliott Jacob Cooper Linda Cooper Jon English Christy Copeland Richard Enoff Scott Copeland Steven Epps left Cornelius Jarrod Esparza Justin Cornell Steve Cornett Preston Corp Diego Cortez Mario Cortez Janice Cory Rob Costello Bobby Costello Cody Costello Larry Costello Stoney Costello William Coston Crystal Cottrell Jereme Cowan Chris Cox Jeremy Cox Steven Cox Donnie (raft Tina Craft Grant Travis Craig Denise Cramer Bud Cravey Joe Creech Scott Crim fimmy (rone Murphy Crosby Paul Crow Casey Culpepper Melissa Cummens Ray Cunningham II Aaron Daharsh Laurie Damron David Dani David Danley Beverly Dart Jeffrie Davidson Betsy Davis Chad Davis Garry Davis Kathy Davis Megan Davis Rodger Davis Ron Davis Kenny Dawson Robert Day Landon Dean Stanley Dean Kevin Deeds Matthew Deel Tim Deffenbaugh Gary Dennis Mark Deshazo Karl Dexter Donald DeForest Jr. Gianny Diaz Andrew Dickins Ed Dillard Robert Dison Linda Dixon Michelle Dodd Nicolas Dominguez Gary Donley Stephanie Doty Dawn Douglas Grea Douglas Lone Douglas Johnny Dowdy Toba Downing Tammy Dresse

Metanie Ellis

Gary Evans

Jody Evans

**Ricky Evans** 

Ronald Evans

Leann Evers

Marcie Farris

Thomas Finch

Brent Finley

Dave Fisher

Jerry Fisher

John Fisher

Jose Flores Jr.

Terry Floyd Jr

Danny Ford

Martha Ford

lason Franze

Travis Freis

Nicole Fritz

Larry Frost

Carol Gaddis

April Gardner

Javier Garza

loel Garza

Raul Garzes

Scott Gaston

Brian Gauntt

Kennie Gav

Anne George

Jim Gerstner

Jon Giffin

Ryan Glenn

Jesse Gomez

Lindi Gomez

7ac Gonsior

Shyla East

Alfonso Duenez April Gonzalez Edgar Gonzalez Regina Dunlap Julio Gonzalez Billy Goodnight Justin Goodson Lacey Goodwin Elijah Gordon Lindsay Gowan Mitch Grant Kenneth W. Graves Johnny Egnor Sr. Billy Gravitt Ron Grav Gabe Green Carism Grim Lane Grimes III Rafael Guerra Henry Gutierrez Jr Ricardo Guzman Darryl Haas Scott Hackworth Lance Haffner Jonathan Eubank Larry Hagelberg Robert Hagerdon Wayne Haire Freddy Hale Kim Haley **Billy Hallman** Ronnie Ezernack John Hamilton lov Hamilton **Ricky Farnsworth** Andrew Farris Nathan Hamilton Nathan Hanks Joe Hanna Bryan Ferguson Robert Hanna Keith Ferguson Tony Hansen Randy Hansford Teresita Ferguson Perry Fields III **Dustin Hanson** Tommy Fillman Josh Hardie **Dean Harding** Fawn Hardman Steven Fisbeck **James Hardway** Ryan Harkins James Harman Cody Harrel Chris Flanadan Bryan Harris Michael Flanery Mike Harris Matt Fleischer Robert L. Harris Brenda Flesher Terry Harris Samuel Harroff Garrett Flowers Darrel Hart Donald Hart Kevin Hartl Roger Hartley Jimmy Forsyth Steven R. Harvey **Clarence Foste** Don Harville Clayton Foulth Limmy Hass Darcy Hawkins Mandie Frazier Carroll Hayes Fric Haves Robert Hayward Sam Frydenlund Teresa Hearn Evan Fuqua Jr Brad Heath Sabrina Hedrick Frank Gagliardi Daniel Henderson Martin Garcia Sr George Garfield Mary Henning Mark Henry Javier H. Garza Jr Dan Hensley Rafael Hernandez John Gasaway Matthew Herrin Douglas Gaston Jamie Hibbs Joe Hicks Sid Hicks Terry Hicks **Jennifer Higgins** Michelle Hileman Bobby Gibson Chad Hill Steven Giddings James Hill **Timothy Giddings** Clyde Hinson Mark Hlatky Anthony Gilliam Chad Hledik Cameron Gilmer Justin Hobbs Jim Gipson Jr. Jimmy Hodges Joseph Hodges Justin Hodges Patty Hoecker Fric Hoehne Alberto Gonzalez Chad Hoffman

Henry Hoffman Lisa Hoffman Tom Holland Mike Hollis Bryce Holmes Larry Hoit Bill Hooper Kevin Hooper David Hoover Bonnie House Scott Howard Seth Howard Jason Howe Cheryl Hudak Mark Hughes Frankie Hunt Bret Hunter Tami Hunter Elbert Idlett Lovd Idlett Pete Irby Jeff Iven Sherry Izell Jon Jernigan Gary Jones Kyle Jones fravis Jones Bey Jordan Christopher Hayward Hunter Kam George Henderson Troy Keel Nicholas Henderson Larry Keller Armando Hernandez loe Ketzner Jeff Kiker

#### Laurie Knox Sanjay Kodam Blake Koonce Bradley Holman Nathan Kress Muhamed Kuburic Timothy Holmes Sunita Kuburic Cameron Kuykendall Michael Holson Hoang Lam Dustin Homesley Jane Lam Michael Hommertzheim Tony Lamas Jerry Lambert Jr. Corbin Land Sandra Landgraf Melissa Hoppe Bob Langdon Ronnie Hoskins Chris Lauhon John Lawman Jr. Debbie Houston Kelly Lawson Jom Layman Ryan Lee Dave Leopold Kenneth Hubbard Cindy Lewis Rachel Hubbard Fred Lewis James LeBouef Karen Liles Marshall Hughes lim Lindley Trey Littau Kirk Hunderford Charles Livingston Ronald Loeffler Clayton Long Ellen Long leresa Long James Looney David Lopez Jaime Lopez Joe R. Jackson Candice Love Lindsay Jackson Morgan Love Marianne Jackson Dustin Lovell Pamela Jackson Silvano Lozada-Luna David Luke Javey Jamison Lance Jamison Charlie Lumpkin III lodd Jamison Brent Lurry Eric Jenkinson Josh Lyons Jessica Jennings Emily Lytle Kevin Mackey Jeffrey MacKay David Jirousek Jamie Maddy Alex Johnson Jorge Maldonado Donald Johnson Randy Johnson Juan Maldonacio Steve G. Johnson Ramon Maldonado Monica Małkey William Johnson James Manning Jeri Johnston Joy Johnston Juan Manriquea Cindy M. Jones Jimmy Manry Kerry Manuel Laura Marceilus Markus Marr Patty Martin Doug Jordan Braulio Martinez Valente Martinez Lauren Jordan Jeffery Judd Missy Martini Michael Marunowski Hemant Kataria **Sobby Matthews** Maya Maximova Lisa Kaulaity Delores Maxweli Marvin Keeling Jr Greg May Kenneth Keeton Michael Mayfield Monty Mayfield Belo Keliam III Chris Mccormack Harry Mcgarr Diana Kellev **Richard Mcguire** Tommy Kelley Angela McAlister Tracy Kelting Sammy Kendall Julie McCann Kris Kendrick Katie McCord Lacy McCornack Josh Kennedy Garrett McCullough Shaun McDaniel Russell Kidd John Kieschnick Wayne Kimberling Kelle McEwen **Ray McFarland** John Kimbleton Eav Kincher Mechan McGhee Jessica King Richard King Nathan Kirtley Jeffrey Klingel Irma McIntvre Patrick McKim Buzz Knapp Allen Knippers leff Knoblock Charles Knotts

David McDougal

Jenni McEachern

Todd McGinley

Curtis McIntyre

Jessica McLain

Amy McLanahan

Walter McLaughlin

Christopher L. McGinnis

#### Aaron McLean Caleb McLoud Matthew McMahon Steve McMillen Reau McMillin Heather McNeil Danny McRae James McWhirter Donnie McWhorter Ed Meade Tom Meadows Junior Melendez Douglas Melton Wes Merchant Curtis Merilatt Jarod Merle Steven Meyer Barry Michels Allen Middleman Allen J. Miller II Greg Miller Gregory Miller Matthew Miller Ronald F. Miller Toni Millican Audrey Mimbs Benjamin Miner Jerame Mink

Dustin Minton Santiago Miranda George Moats Ir. Chris Mobley Janice Modisette Keith Moffatt John Moles Angela Moniger Andrew Montgomery Tom Mooney Deanne Moore Larry Moore Michael S. Moore Walter Moore Arturo Morales Guillermo Morales **Hector Morales** Guiliermo Morales-Mata Carroll Morgan Jay Morgan Roger Morgan Nick Morland Tim Morphis James Morris Mike Morris Nicholas Morris Ralph Morris Billy Morsko Joseph Mortashed Johnathan Muelier Gregory Mumme II Lewis Mann Danny Murray Matt Murry Antoinette Nefl Bree Nelson /₩ Nelson Lacey Neuman Kvie Nevels Jere Newberry Travis Newberry Lori Nauven Thomas Nguyen Nick Niemann Drew Nugent Marvin Ödermati Jason Offerman Michael Ögletree Dennis O'Handley Anthony Olivas Michael J. Oliver Mark Orgren Christy Orosco Randy Orsburn Don Osborn Darrel Overgaard Casev Overhultz De Overstreet Tammie Öwens David O'Brien Chris Pace Thomas Pace

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Steve Knowles

#### 34 EMPLOYEES

Lindsay Palazzolo Janie Palma Kurt Palmer Robert Palmer Jr Betty Paolini Candy Parker Julie Parker Carla Parrish Umesh Patel Monte Patterson John Paul Michael Payne Daniel Pearce Blain Pearson Kim Pearson Ariel Pena Danielle Penland Terry Perdue Joe Perez Marty Pierce James Pine Matt Pinion Jeff Pinter Roger Pippins Jr Lara Pitchford Brooke Pittard Michael Pittser Filemon Plascencia-Aceves Lori Plumley **Richard Pogue** David Poindexter Randy Poindexter **Richard Poindexter** David Polve Matthew Pompa Taos Pool Timothy Poole Raymond Posey Nick Pottmever Iordan Powell Joseph Presock Marsha Presock Ricky Pryor Ronald Putman Matt Queen Maria Quezada Mary Quinn Barbie Quinn Davis **Ivson Raasch** Daren Rader Mark Raidt Johnny Rains Hermenegildo Ramirez Peter Ramirez Jr. Bonnie Ramon Arturo Ramos Jessie Ramos Cody Ramsey Gary Ramsey Greg Ramsey Roy Rash Aaron Ream Roger Redmond Galen Reed Jacob Reeves Christopher Register Sr. Keith Reightler John Reinhart Brad Rekieta Allen Remmers Santhanaraj Rengaiah Matt Reser Jorge Reyes Roger Reves Justin Reynolds Chris Rice Beth Richards Henry Riffe Sandi Riley Larry Ritter Gregory Rivera Courtney Roberts Josh Roberts Matthew Roberts Raymond Roberts Stacy Roberts Daniel Robertson Michael Robertson Scott Robertson

Scott Robinson Paul Rodesney Joel Rodriguez Maria A. Rodriguez Robert Rodriguez Sarah Rodriguez Juan Rodriguez-Huerta Jon Rogers **Bailey Rollins** Danielle Roper Vinson Roper Glenn Rose Richard Ross Robert Ross Greg Rossman Scott Rotruck Loni Rowan David Rowland Daniel Rucker Eric Rucker Michael Rushing Dena Russell Don Russell Jackie Russell Dusty Rust Tracy Rust Jason Ruth Matthew Rutledge Gurpreet Saluja Kelly Sanders Matthew Sanders Dale Sanderson John Satterfield II Phillip Saxon David Schmidt Tr Shawn Schmidt Karen Schmuhl Lee Sconyers Bannon Scott Joseph Scott Krystle Scott Larry Scott Kevin Scoville David Searls Scott Secrest Dusty Seiger Debbie Seiverling Dale Self Kenneth Sell Jobey Sellers Jon Seizer Louis Senkyrik Clint Sepulvado Amanda Serna J.C. Settles Brooke Shannon Douglas Shannon Jr. Jimmy Sharp Jr. Wendie Sharp Farley Shaw Frederick Shaw Jr. Carroll Shearer David Sheilstrom Michael Sherman Michael Shiers Kurt Shipley Carl Shorter Gregorio Silva Terry Simmons Christopher Sims C.J. Sims Mary Sims Randy B. Sims Randy S. Sims Rickie Sims Rudy Sims Jr Ward Sims Jr Trevor Sinclair James Singhisen Danny Singleton Charles Sitton Bryan Sloan Nathan Smarr Eric Smeltzer Brian F. Smith Deane Smith Denise Smith **Emily Smith** Ernest Smith Jason Smith

Kade Smith Michael C. Smith Michael E. Smith Mitzi Smith Monte K. Smith Rusty Smith Brian Snider Chad Snow Rich Snyder Jr Pam Soltani Annie Southard Becky Southerland Pete Spadafora Rodney Spencer Lou Spitznogle Derek Spreier Steve Stafford Craig Staley Jason Staley Don Stanley Jr. Ronnie Stattor John Stephens Peter Stephens Robby Stevens Roger Stevens Lyvonne Stewart Jason Stollings Michael Stone Richard Stotler Ir. Andy Strealy Russell Streeter John Strickland Ronnie Stroh Perry Studebaker Rene St. Pierre John Suter Roger Sutterfield Anastasia Svec Jayce Swartz Joshua Swarta Dee Swider Kevin Swiger Colby Tackett Ronnie Tarvei Donny Taulbee Jr Alan Taylor David P. Taylor Jack Taylor Matthew Taylor Mike Taylor Sarah Taylor Andrew Tencer Nicholas Terech Daniel Terry Samson Tesfaselassie Gwen Thomas Lacey Thomas Paul Thomas Richard Thompson Travis Thompson Elmo Tillis Andrew Tipton Mikki Tomlinson Scott Tomlinson John Toney Brandon Iree Stacey Irivitt Danny Trowbridge Daniel Iruong Irina Tucker Steve Turk Chris Turner Jr. Corey Turner Jaffe Turner Joshua Tycer Shawna Vance James Van Alstine Jeffrey Van Grevenhof Martha Vasek Dakota Vaught Brandt Vawter Gerardo Velez Randy Villaire **Dustin Vinson** Brenda Vitatoe Jonathan Vogel Curtis Vovles Robert Wagoner Huey Wagstaff

Justin E. Smith

Erin Leigh Walker Noah Walker Christopher Wallace Donnie Wallis Matthew Walters Matt Warren Wil Warren Keith Washington Matt Watkins Dusty Watson James Watson Luke Watson Matthew B. Watson Rod Weatherby Lauren Webb John Weber John Webster Brad Wechsler Donald Weed Jody Weidner Thomas Weidner Matt Weinreich John Weir Ir. Michael B. Welch Toyia Wells Ann Wendorff Leonard Wesley Luke Westfahl Sam Whitaker Robert Whitberk Billy White James B. White James K. White Jerry D. White Jerry D. White Christy Whited Bernice Whiteshirt Joe Whiteside Kent Wilkinson Eric C. Williams Jim Williams Joshua Williams Justin Williams Marlene Williams Rashaw Williams Thad Williams Zachary Williams Jeff Willis Tyler Willyard Andrew Wilson Brent Wilson Chad Wilson Julie Wilson Steve Wilson Irista Wilson Jim Wimmler Franklin Windham Arnos Wise Craig Wittenhagen Ivan Wolanski Taunva Wood Henry Woodruff Tara Woods Megan Woodworth Dan Woodzell Shawn Wreath Bradley Wright Erran Wright Mary Wright Michael Wright Keith Yankowsky Scott Young Mina Zaheri Jason Zielke Jeff Ziga 2007 (1,165) Kenneth Aaron II Robert Abbott Michael Abila Clifton Ables Rodney Acosta Chris Adair Christopher Adair David M. Adams Jeremy Adams Victoria Adams Jamie Adamson Kevin Aaee Roberto Aguilar-Garza

Yemi Ajijolarya Clint Ake Raymond Akins Adrian Alaniz Israel Alaniz Jr Leonardo Alcantar-Lopez John Alcorta Debbie Allen Ronnie Allen Tucker Allen Jacob Allyn Ardy Amin leff Amos **Boz Anderson** Cody Anderson Dusty Anderson Maribeth Anderson Rick Anderson Wayne Anderson Clenda Andrews Steve Archer Kolby Arnold Roger Arnold Jr Jerry Ashley Robert Atchison Rickey Avery Noa Avila William Aycock William Bagley Jr. Kevin N. Bailey David Baker Garrett Baker Joe Baker Lestie Baker Teddy Baker David Baker-Lattie Chad Bakke **Rick Ball** Robert Ball Cindy Balsly Jeremy Banes Amy Banu Freddie Barela Judson Barker Reata Barna Craig Barnard Sharon Barnett Merrilee Barone Jorge Barron Julie Barron Redmond Barry Wayne Bartlett **Travis Basinger** Stacey Baty Laura Bauer Kimberly Beal David Beard Justin Beatty Cory Beck Larry Beckwith Arianna Bedell Sam Bedri Rodney Belcher Ben Bell Christy Bell Brooks Bennett Laura Bennett Nathan Berg Barry Bergstron Tv Bermea Pam Bert Jon Biegel Marvin Biggar Bryce Biggs Randy Billings Ed Birdshead Jeremy Birkes Wes Bishop Robert Bitner **Quinton Black** Shawn Black Craig Blackburn **Fimothy Blackmon** Jerry Blair John Blake Jr Jared Blakley Brandon L. Blevins Sammie Blevins Blake Boecking Debbie Boggs

Mercedes Bolen Richard Bolt Greg Bommer Justin Bond Dustin Boone Jared Boren Rvan Rose Ronald Bowden Clavton Bowerman Lesley Bowman Mike Bownds Chris Boyd Diana Boyd Kyle G. Bradford Casev Brady Danny Branch Jordan Brandenburg Eugene Branham Joe Branham Erika Braver Dennis Breakfield Darryl Breland Lance Breland Jeff Bridgwater Eric Britton Keri Brork Tanner Broomfield Deanna Brouillette Aaron Brown Eddie Brown Jason O. Brown Kenneth Brown Jr. Scott Brown Jeff Browning James Brumley Kasey Bryan Joshua Bryant Rusty Bryce Jonathan Bryson Tanna Buie Kenton Bulson Shannon Bunner Tracy Burleson Tom Burnett lerry Burnham Jerry Burns Sundee Busby Louis Bushiev Rocky Butler David Byrne Matt Cagigal Raymond Cagle Alan Callahan Andria Campbell lan Campbell Jeffrey Campbell **Richard Campbell** Adrianne Cannon Jon Cantu Chris Carender Alicia Carey Terry Cariker Grant Carlisle John Carney Mark Carpenter Earl Carr Amanda Carroll Darry Carter Sr. Holly Cary Ben Case Alex Castaneda Jose Castellano Ricardo Castillo John Casto Jeremy Caywood Curtis Celestine In Crystal Celsur William Chambers Kathy Chandler Gordon Channel Philip Chapman Ryan Chappell Ward Chase Jr. Jamie Chastain Lisa Chastain Armando Chavez Jr. Steve Chipera Phillip Chism Morgan Chrisman Ronnie Christopher

John Churchwell Rosa Cisneros Beth Clanton Darin Clanton Matt Clark Sheridan (Jark Dusty Clayton Charles Clevenger Colt Clinesmith Thomas Clouette II Wayne Cloutet Andrew Cludius Rvan Coalmer Tobie Coffey Don Cogar Stephanie Coil Kyle Coldiron Adam Cole Ashley Cole Dustin Cole Bob Coleman Robert T. Coleman Mark Collier Joshua Collins Stephen Collins Brad Collison Denise Condos Dustin Conley Steven Conn **Dustin Connol** William Connor Brandon Cook Nathan Cook Douglas Cooper Misty Cooper Catie Coppage Ismael Correa Chad Corwin Dennis Cottrill Jr. Michael Counts Jr. Todd Courson Brian K. Cox Jennifer Cox Robert Crank **Rex Cravens** Tracy Crawford Gary Crenshaw Daniel Crihfield Jeffrey Crihfield **Timothy Criner** Heath Criss Steve Crocker Jade Crockett Zachary Cromer K.W. Crver Robert Cumberland Ir Terry Cumberledge Jered Cunningham **Timothy Curnutte** Tasie Dahl Monte Dain Steve Daniel John Daniels Haley Dark Josh Darr David C. Davis Davy Davis Donald Davis Gavl Davis **Kiley Davis** Lynsey Davis Nathan Davis Nicole Davis Duane Decker Nick Delalove Jeff Delancy Eric Denneny William Denny Jerry Derr Iracey Devera Dewey Deville Irey Dewald Holly DeRousse Lisa DeSpain Adam DeVries Roque De La Torre Bryan Dilger Kristopher Dobbs Martin Dobson

**Richard Chumley** 

Jensen Doby Chelly Dolinar Chad Dome William Donahoe III Michael Donisch Adam Doty Gary Driskell J.P. Dube led Dudley Tim Dugan Buck Duncan Jacob Dupuv Bunky Dussetschleger Jr. Brian Duvall Lauren Dve Laren Easley Randall Easley Russ Eason Dan Eaton Joseph F. Eddy Jr. Glenn Edwards Jason Elder James Ellard Jr. Ricky Ellington Catey Elliott John Elliott Lauren Elliott Murphy Elliott Adam Ellis Keith Elroy Bryan Ely Amber Embrey Alex Emerson Jeremy Engles Sef Escajeda Tom Esparza Joseph Etheredge Bobby Etheridge David W. Evans Megan Evans Daphne Everett John Everett David Fancher Rosa Farias Keith Faris Tim Farriggton James Faulkner Steven Feisal Susan Fell Amy Ferguson Christina Ferguson David Fergusor loe Ferguson William Ferrebee Faith Fields Elyse Fischer **Jill Fisher** Ranson Fisher Suzanne Fitzpatrick Sam Flaming Stephanie Fleet Matt Fletcher Armando Flores **Otoniel Flores** Hovt Ford Rob Ford Christopher Fore Kodi Foreman Jim Forney lake Forrest Douglas Fortney II Russell Fory Jerry Foster Jr Daniel Foulke Jake Fowler Sonia Fowler Tamara Fox Patrick Franklin Daron Fredrickson Teri Freeland Hoily Freeman Phillip Freeman Amanda Friese Joel Fulenwider Mark Fulkerson Kimberly Fuller William Fuller David Gaddy Randy Gafford Juan Gallegos Jr

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Danny Games Felipe Garcia Melissa Gardner Billy Gary Don Gatewood Todd Gatewood Bill Gee Matthew Gelnar Joseph Genovese Jr Marissa Gibbs Christi Gibson Jonathan Gill Eric Gillespie Brian Gilliam Daniel Gilmore David Gilmore Shane Glassev Barry Gober Neva Godwin Amy Gonzales Alfonso Gonzalez Jr. Francisco Gonzalez Hector Gonzalez Jr. Bill Goode Carl Goodnight David Gordon Ashlynn Gosnell Cody Goss Jacob Grafa Zach Gragg David Graham Jane Graham Tim Graham Lee Grampp Kenneth C. Graves Kevin Graves D'Angelo Gray Kevin Grav Tyler Gray Marcus A. Green Randy W. Green Richard Green Cara Greenhaw Bruce Griffin Devyn Griffin Brooke Grossman Dave Grumieaux Roy Guerra Brianne Gungoll Donald Gunnoe II Gilbert Gutierrez Ir Jose R. Gutierrez Summer Gwinn Charles Gerlich Timothy Haack Greg Haddock Clarence Hadley Josh Halbert Lindsay Hale Trey Hale Rob Hall Robert Ham 7aid Hamdokh Jeremy Hamill Erin Hamilton Heather Hamilton Weston Hamilton Carolyn Hancock Melanie Harless Michael Harman Charlie Harrington Aaron Harris Amy Harris Jeff A. Harris John Harris Michael Harris Mark E. Harrison Daniel Hart David Harl David Hatton Jerry Hausman Shane Havden Charles Haves Kelly Hayes Patrick Haves Stephanie Hayes Doug Haymaker Mike Havnes Dustin Havs

Sara Hays

Thomas Havs Tyler Hays James Head Gary Heinen Lindsey Heintz Christopher Heiskill Kelly Helm Kim Helvey Rob Hembree Kim Henderson Kristi Henderson Ti Henderson II Dave Henson Alvaro Hernandez Francisco L. Hernandez Mario Hernandez Marisol Hernandez Romualdo Hernandez Jr Jude Herring **Richard Hess** Josh Hicks William Higginbotham Hillary Higgins Shane Hilliard Angelo Hilton Weston Hinton Keasha Hobbs Charles Hodges Joe Hofer Duston Hoffman Eric Holcomb Dan Holden Adam Holland Janice Holloway Adrianne Holmes Dennis Holmes Don Holt Kyle Holf Tiffany Hopkins Greg Hopper Ryan Horn Tim Horne Matthew Horton Bud Hoselton Nicole Howard Joe Howell John Howell Ronnie Hubbard Melissa Huddleston Tara Hudson Barry Huggins Keystone Hughes Omar Huizai Tracy Hulsey Matthew Humphrey Joe Hunley Danny Hunt Steven Hutchens Jr Daniel Hvatt Steven Hyatt Angela Ibara Katy loarta Gerald Irwin III Ernie Isenhart Kate lvey Monsuru Iyanda Alan Jackson Angela Jackson Beverly Jackson Kristine Jackson Larry Jacobs Cody Jacoway Jeremy James Ken James Tommy Jamison Victor Jaramillo Stephanie Jaronek Billy Jeffers Clint Jennings Li Jett Pablo limenez Billy Johnson Brenda Johnson Dannie Johnson Jason Johnson Kyle Johnson Kyle R. Johnson Randell Johnson Stephen Johnson Tyler Johnson

Perry Johnston Aaron Jones Anne Jones leff | Innes Scott Jones Chad Jongeling Chris Jordan Rigo Juarez Andy Kapchinske Andrew Karber **Tiffanie Karber** Doug Kathol Rita Kearv Bradley Keech Clayton Keenan Bill Keller Kim Keller Amber Kellev Jason Kellev Pamela Kerr Freddie King Jr Lanney King Nelson King Ryan Kintner Davna Kirk Dale Kisner Robert Kitchens Kasey Kliewer Robert Kline Mark Knight Tiffany Kordio Michael Koss Allison Krittenbrink Ryan Krittenbrink Dan Kucab Miranda Lacey Steve Lardner Miranda Lair Todd Lamb Kelly Lamoreaux Mindy Lamprich Clay Lancon Nikki Landsberger Laura Lanford Dustin Langley Abel Lara Lindel Larison Jr. Toby Lattea Eugene Lauricella Andy Lawrence Wallace Lawrence Cheryl Lawson Toni Lawson Luke Lawver Reagan Lea Grealedbetter Melissa Lee Tony Lee Warren Lee Jeremy Leger Branden Lehoski Tim Leierer Dan Leiphart Logan Lemley Luis Lerma Christa Levescy Chelsea Lewis Grea Lewis Stacey Lewis John Libhart Chuck Lilly Laura Linn Cory Listen Jeremy Litton Brian Lockart Nicole Logsdon Angie Lohner Ethel Long James Lond Alfred Loper lavier Lopez Eric Loudenslager I.D. Louis Shirley Lovelady Brandon Lovell Michael Lovell Lu Lovett-Voss Benjamin Lucas Jr. **Dustin Lucas** Shane Luckett

Gerardo Lugo Matthew Luna **Richard Luss** David Lynch Penny Macias Coleen Magness Rhonda Maguire Charlie Malcolm John Manes Karissa Mann Mark Manos Chris Marble Shawn Maricelli Keith Marin Travis Marker LeeAnn Marley Steve Marple Jamie Marriott Rebecca Marshall Paul Marti Jr. Abel Martinez IV Joe M. Martinez Martinez-Barrera Oscar Martinez-Barrera Laura Martini David Masiker James Mason Rvan Mason Steve Mason John Masterson Darrick Matthews **Bobby Mattice** Peggy Maxell Joseph May Beniamin Mave Anthony Maze Christopher McAlvain Harold McArthur Michael McCann Michael McClanahan Josh McClary Josh McCollom Randy McCollum Elizabeth McCormick Jay McCormick Wayne McCormick Larry McCov Fadoua McCray Joshua McCray Robert McCue John McCullough Michael McDaniel Miles McDaniel Robert McDaniel Dustin McDaugale Debby McElreath Jon McEntire Charles McFarland Julie McGill JP McGinley Billy McKamie Jake McKeever Mark McKelvev Christopher McKown Stuart McLain Jim McLaughlin Randy McLaughlin Jr. Jonathan McLendon John McLeod Don McMahon Terry McMinn Tyrel McNatt Nathan McRae Josh McWhirter Robert Mecom **Michael Medcalf** Salvador Medina Jessica Meek Lindsey Melott loe Melton Chasta Mercer Renea Merchant James Merrell David Messer Jennifer Messer Renee Metcalf Megan Meyer Jonice Meziere

Terry Mann

Armando

Jody Mikles Lynn Miler Anna Milledge John Miller Julie Miller Marc Miller Maurey Miller Rodney Miller James Mills Jr. Brad Minick Gregg Miranda Mike Miranda Dexter Mitchell Kenneth Mooney Adam Moore Andrew Moore Ron Moore Scotty Moore Carl Mootz Billy Moran Coby Moran Roger Moreau Michael Morey Grant Morgan Heather Morgan John Morozuk Chad Morris Jared Morris Melinda Morris Steve Morris Jean Mort Don Mosher Steve Mossor **Richard Mullican** Daniel Muncy Ron Munyon Matt Murphy Angle Murray Chris Murray Jason Murray Laura Murray Ryan Murray Lee Mustard Danny Myers Patrick Myers Chris Nartey Alvaro Natividad David Nelson Cathy Nester Bob Newport Cary Newton Sean Nguyen Thomas Nicholson lodd Nickels Jason Nielsen Timothy Noland Derec Norman Tommy Norman Scott Norris Alvonne Nuall Jennifer Nunn Denny Nurkiewirz Ir Chima Nzewunwah Steven Oakes James Ocholi Andrew Odell Paige Odell James D. Olson Mike Olson Clint Oltmann Christina Ontiveros David Ortega David Orth Vicki Otev Craig Overcash Aaron Overturf Jeff Owens Chad O'Brien Jessica O'Daniel Michael Painter Victor Palacios Patrick Parish Grant Parker Shaphan Parker Robert Parrie Benjie Parsons Jeffrey Parsons John Parsons Matthew Parsons Chip Pattor

Laura Patton Mark Patton Carissa Patzkowsky Ally Payne James Peace Danny Peach Seth Pearrow Tom Pearson Ty A. Peck Brandon Peffe Scott Pega Michael Penner Nick Penner Kellie Pennington Fernando Perez Hugo Perez Najera **Richard Perkins** Gene Perry Sharla Petty Philip Pfister Lisa Phelps James Phillips

Alyse Reynolds Joy Reynolds Craig Rhodes James Richards Stan Richards Drew Richardson Zachary Richardson Vernon Ricketts Christopher Ricks Brent Riggs Randy Riley Katy Robbins Justin Roberts Dean Robertson Jr Amber Robinson Heath Robinson Armando Rocha David Rodgers Amanda Rodriguez Art Rodriguez Juan Rodriguez Johnny Rodriquez

Keith Senti Rodger Settle David Seyler Howard Shamblin Charles Shannon John F. Sharp Lacey Sharp Sharon Sharp Jim Shaw Brian Sheltor Kerri Shelton Paul Shelton Matt Sheppard David Shinn Jr. Taylor Shinn David Shirley Jr. Josh Shirley Amber Shockley Rachel Shortt Larone Siemsen Corey Simmons Cynthia Simms



OKLAHOMA CITY, OKLAHOMA Thinking green, almost 400 Oklahoma City headquarters employees participate in an employee garden, providing fresh vegetables for themselves and local food banks.

Melanie Roe

Jonathan Piper Brad Pipins **Clay Pitts** Brian Plum Carl Poe Jr Neal Poindexter Randy Pons Dennis Pool Eddie Posey J.P. Potter Fred Powell Jerry Powell Jr. **Irov Powell** Kenneth Prangler Jr. Judy Pratt David Prenatt Elizabeth Price Amanda Proctor Adrian Proudfoot Clint Province Gary Pruett Barkley Pruitt Elizabeth Prykryl John Pugh III **Brett Purvine** Svivia Quintana James Rachal Adam Rackis Jon Radka Mark Raines Robert Randolph Glenda Ratcliffe Clint Ratke Eric Ray İsmael Real Ken Reardon Robert Redhat Brittany Redmond Jerriann Reeder Robin Reese Jaime Resendiz Greaorío Reves

Joseph Pilcher

Richard Rogers Alan Rogstad Grant Rohlmeier Clint Roland Carlos Romo Jeffrey Ronck Justin Roper James Roshto Achley Ross Dan Ross III Michael Ross Michelle Ross Yury Rouba Greo Rowland Jimmie Rowland Matt Rucker Raul Ruiz Clarence Russell II 1im Rutherford Brian Rvel Jesse Roberts Steve Salter II Ryan Sanders William Sanders Kevin Sanderson Ramon Sandoval Chad Satterfield Scott Savre Bryce Scalf Cody Schaedig John Schieber Chris Schmitz John Schneider Charles Scholz Jr. Jeff Scoggins Jon Scolamiero Amanda Scott Gina Scott Ion Scott Justin Scott Mason Scott Hilary Seagraves

Clay Skoch Kamberly Skoch James Slaten Fred Slaughter Larry Smallwood Pat Smelley Amy Smith Bryan Smith **Clovis Smith** Darrell Smith Jonathan L. Smith Kirk Smith Michael W. Smith Monte W. Smith Shane Smith Boyce Smithson Anna Snedeker jason Solley Jane Southard Douglas Sparks Victor Spikes Paul Spoon Christopher Spratt Chris Sprute Colby Staats Gary Stacy Joshua Standifer Carl Standley Johnny Stanford **Travis Stankorb** Todd Starkey Charles Steaveson Greg Steele Berk Stephens Darrell Stephens Rodney Stephenson Carly Stevens Sara Stevens Scott Stevenson Brian Stewart Ryan Stewart Steve Still

Chris Singleton

#### 36 EMPLOYEES

Jason Stinson Ken Stinson Joe Stockton William Stokes Michael Storey Mark Strack Jason Strawser Kevin Strawser Ordare Stribling Jessica Stricklin Rvan Stricklin Sarah Struck Terry Stuck Damon Suderman Jonathan Swarthout Michael Swonger Auna Tackett Kiel Talbert Jason Tannehili Christie Taylor Kyle Taylor Robert B. Taylor Roberta laylor Theressa Taylor Tom D. Taylor III Tom Taylor Anthony Thomas Dennis Thomas LaDonna Thomas Mark Thomas Thaddius Thomas **Irista** Thomas Khristen Thomason Cameron L. Thompson Charlie Thompson Harold Thompson Matt B. Thompson Laura Tiffany Brandon Tindle Michael Tingle Ronny Imker Adam Tinney David Tollan Thomas Toilett Matt Toppins Katie Forres Mary Anne Townson Keith Iran Van Tran Guy Irent Tyler Trent William Tuinstra Ottie Turner Lane Umsted Chris Unwin Rick Urash Kristin Vafadar Miquel Valero-Esparza John Vankirk Jr. Shawn Vasseur Kristen Vickrey Nathan Viggers Tara Voth Alexa Wade Josh Walker Kristen Walker

Johnny Wall **Brandon Wallace** Laura Wallace Catalina Wallo Monica Walls Chelsey Walstad Michael Walters Danny Warri Robert Warren III Nick Watkins Matthew L. Watson Jason Waybourn Kelly Weaver Jeremy Weeks Linda Weeks Cody Weir Jody Weir Alison Weis Mehssa Wells Gary Wend Brandi Wessel Yukino West Buck Wheat David Wheeler Rebekah Wheeler Lauren Whitaker Gary White Jennifer White Lain White Robert White Roger White **Jodd White** lim Whitefield Wendy Whitfill-Embry Joni Whitney Allen Wiley Wayne Wiley Colton Wilkinson Allison Williams Amy M. Williams Christopher Williams Dave Williams Derek Williams Jason W. Williams Jerry Williams Shelli Wilijamson David Willis II Paul Willis Bruce Willmott Craig Wilson Eacle Wilson Matt Wilson Robert D. Wilson Sabreena Wilson Kyle Winkler Rory Winter Lane Witt Dan Wood David Wood **Rick Wood** Tara Wood Fric Woodard Cameron Woods Tyler Woods Sean Woolverton

Magan Wright Shalen Wyatt Mark Wyckoff Mike Yarbrough Shaun Yates Nathan Yeats David Yelle Preston Young Jesse Yule Ervin Zacharias Jacob Zacharias Travis Zamora Jenny Zhang Lester Zitkus Kathryn Zynda 2008 (1,598) **Ricky Aaror** Jerad Abbott Richard Abel Kacy Abney Jose Adame Juan Adame David L. Adams Jeremiah Adams John Adcock Matt Aderhold Doug Adkins Douglas Adkins Jeffery Ainsworth Amber Alcorn Dennis Alder Julie Alder Christa Alderman Greg Alexander Karen Alexander Carmen Allen Sondra Allen Justin Allert Beth Allaood David Allien Kevin Allisor Reno Alton Jerame Aly Manuel Amava Derek Amyx Joan Anderson Matt S. Anderson Matt Anderson Milton Anderson Jr. Shannon Anderson Steven Anderson Shari Annuschat Brian Archer Dann Armour Dawn Arnhart Matt Arnold Bryan Arrant Amber Arterberry Lauren Ary Jason Ashley Johnny Ashtori Erin Austin Jesus Avita Torres

Tammy Worreli



TOWANDA, PENNSYLVANIA Working 24 hours a day, crews in the Marcellus Shale drill for natural gas in this enormous play spanning the Appalachians from West Virginia through Pennsylvania.

Crystal Bacon **Richard Baden** lesse Bailey Joshua Bailey Patrick Bailey Tommy Bailey Blake Baker Charles A. Baker Jr. Dashawn Baker Donnie Baker Krista Baker Larry Baker Dennis Balentine Kristen Balla Kristin Ballard Levi Ballard Melissa Bane Ron Baranski Jr. Garry Barbee Joshua Barkei Ashley Barlow Adam Barnes Ryan Barnes Dan Barnett Joshua Barron Jeff Barry Jenni Bartel Steve Barwick Chris Basler Susannah Batchelor Ston Battisto Brooke Battle Limothy Seach Jason Beagle David Bean Rinda Beard Ben Beaver Zac Beavers Carla Beaves Kate Beavin Robert Beckwith John Bedgood Ryan Bellew Alifonso Beltran Edmund Beltran Troy Bending Cynthia Benford Leticia Benitez Bob Bennett Brandon Bennett Dustin Bennett Johnny Bennett Brett Bentley Jerry Bentley Jim Benton Kevin Bernis Steve Berry Todd Bevins Tony Biasatti Eugene Bickel Bob Bickham Joseph Billings Donnie Bishop Tim Bishop Galyn Black Jeremy I, Black Bradford Blackcrow Joshua Blackwell James Blankenship Kevin Blankenship Timmy Blankenship Damon Blasingame Kenny Blaylock Brandon M. Blevins Shane Blevins Chris Blockcolski David Blythe Emily Boecking Dustin Boeckman Kenton Boevers Emiko Bogard Casey Boland Misty Bolanos Kelly Bond Michael Bone Mitchell Boone Ernesto Bordayo Jr

Gil Bayer

Luke Baze

Dave Bert

Dan Borum John Bostwick Bruce Boudman Christopher Boulet Ginny Bourke Steve Bourke Cooper Bourne Veronica Bowie Johnny Bowman Ken Rowman Brandon Boyd Donald Boyd Amanda Boyle Chris Brady James Brakefield lason Bramlette Rodger Bratton Brett Brayton Aimee Breeze Robert Brevelle Heath Brewer Grady Briley Katie Brinlee Rock Briscoe Sammy Briscoe Pam Brocato Stacey Brodak Candace Brooks Johnny Brooks Tom Brooks Dalfion Broomfield Brenda Brotherton Hugh Brower Blaire Brown Brandon Brown Donald Brown III Donita Brown Hunter Brown Janet Brown Laura Brown Bustin Browning Jerry Brumfield Elaine Brummett Cody Bruton Steve Bruton Jeremy T. Bryan David Buffington Charli Bullard Russel Bumgardner II Rose Bunkley Grant Bural Amy Burch Catherine Burdg **Emily Burgess** Eddie Burk Jason Burnett Tyler Burris Josh Burroughs DaShawn Burse Kelley Busby Ryan Bushman Adam Butkus **Ricky Butler** Michael Button **Trmothy Button** William Buzan Steven Byers Sr Alan Byrnes Heather Cadenhead Sharon Cahilf James Cain Brandon Calhoun Crystal Callahan Andrea Calvanese Joe Carnacho Jr Rafael Cambron Kody Cammack Grover Campbell Brandon Cantrell Billie Carender Mike Carlson Jeffrey Carpenter Sandy Carpenter Harold Carr William Carrell Jose M. Carrizales Jason Carroll Tommy Carroll **Trent Carroll** Edward Carson

Kathy Carson Tami Carson Eric Carter Kevin Carter Rainey Carter William Carter LaQuitta Carter-Pearson Terry Casheer Keith Caslin Baige Casto Bobby Caswell David Cates Jarrod Causev David Cerezo Elliot Chambers Tory Chambliss Jay Chancey Jr. Jerri Chapin-Terrazas Brian Chaoman Caleb Chapman Justin Chapman Reaford Charlson Alfred Chavez Mayra Chavez Raven Chavez Bradley Chervenka Courtney Childress Lisa Christmas-Pretlow Cassie Clark Reino Clark Thadeus Clark Steven Clarke Shelia Clayton Allen Clift Kelsey Clinesmith Terry Clinton Diane Cloud Wesley Coats Eric Cobb Wesley Cofer John Cogar Rick Cogar Brandon Colbert Adam A. Cole Mike Cole Chris Coleman Matt Collingsworth **Evler** Collins Melinda Colquitt Keith Colwell Antonio Compean Daniel Conard Melissa Condley **Richard Conley** Bennie Connolly Jason Conway Ioney Conway Jr. Christopher Cook Dianna Cook Landon Cook Nate Cook Sean Cook Sherri Cook Jim Cooper Larry D. Cooper Will Cooper Steffany Copeland Jessica Cornett Darvi Correli Terry Cortez Jim Costin Jeffery Cotherman Cole Coulter Randy Counts Mario Coutino-Silva Zach Cowden Aaron Cox Christopher Cox Lacy Cox. Micah Cox Jimmie Craig Kurt Craig Kasi Crawford Paul Crawford Thomas Creecy Rosalinda Crespo Dale Crites Kathleen Crooks

Christi Crotsley Nick Crouch David Crouser Eusebio Cruz Rudy Cruz Daniel Cruz-Mora Dodie Cullen Kent Curran Raymond Dabney Bruce Dake Colleen Dame Kiran Darapureddy Raymond Daugherty Chet Davies Charles Davis III David L. Davis Francis Davis Grea Davis Joshua Davis Mark Davis Franklin Daws Jason Day Jill Day Tim Deal Ashley Dean Röbert Dean Phillip Deaton Belinda Debter Tim Dehan It Nick Dell'Osso Ir Toney Dempsey Benjamin Deville Michael Dew Curt Dewbre Sam DeFoor Pam DeLong Drew Del ozier Kenneth DeMoney Kolby DeVille David DeWitt Donald Diamond **Raquel Diaz Hicks** Michael Dickinsor Robert Dickson Wade Dietzman Chad Diffey **Tiffany Diggins** Kevin Digney Scottie Dill R.B. Dillard Jr Tom Divine Shane Dixon Allen Doan Dwavne Dockens Ken Dodson Jimmy Doolittle Jr. James Dorsev Zach Dorsey Jerry Dotson Jr losette Doughty Bobby Downs Brett Drevei Oscar Duarte Michelle Dugar Amy Duke Dana Duke Richard Dunagan Vallie Dunklin Jason Dunian Jean Ann Dunn Lesley Dunnagan Tadd Ounnahoe Ericka Durham Chris Dybvig Alicia Dve Benjamin Dyne Ron Dysart Cody D'Alessandro Erick Eads Jonathan Easter Monte Eastman Travis Edds Jacob Edster James Edwards II Paul Edwards Tyler Eilers Janna Ellenburg Brad Ellett Shane Elli

Stephen Eihott Troy Elliott Shawn Ellis Bo Embrey Myron Emmons Tr Matthew Enkoff Emil Enoff Jr Tonya Enriquez Laura Ensminger Williams Espino Christian Estep Jeremy Estep Crystal Evans Alisha Fagala Fred Farndon Donovan Farrow Jonathan Faughtenberry Gary Favor Erin Fay Rob Fell **Carl Fenderson** Edgar Fernandez Gabe Ferrell Paul Fesler Keri Fieno Matt Finney Neil Fisher Chad Fitzgerald Derek Flesner Kevin Elores Mara Flores Pete Flores David Floyd Christopher Forcucci Leonard Foreman Patrick Foreman Debbie Forester David Foshee Jonathan Fouse **Cassidy Fouts** Bill Fowler Phil Fox Mike Franklin Belinda Franko Gordon Frayne Jr Gregory Frazier Allen Frederick Melissa Freeman Armando Frias Norris Friend Philip Friesen Paula Friess Steve Frost Gilberto Fuentes-Perez Bobby Furr Blaine Galbreath Kasha Galla Angi Gallaway Cole Gallaway Nicole Ganaway Kevin Gant Francisco Gaona Eliseo Garcia Leonel Garcia Dan Gardner Tim Garey Matt Garlington Jennifer Garner Johnny Garrard Jr. Bryant Garrett Donny Garrett Asael Garza Herman Garza Austin Gaspard Sarah Gately Cody Gates Yelena Gatewood Katie Genovese Mel George Mike Gialousis Hike Gibson Mike Gile David Gilley Iom Grimore Frasey Gipson Tyler Gizzi Blake Gladhill

. Brent Glasgow

Jake Elliott

Larry Glime Brian Glover Chad Glover Robert Goff Jr. Tami Goike Sandy Goins Wayne Goldman Rvan Goltz Jose Gomez Juan Gomez Nate Gomez Eleuterio Gomez-Martinez Rachel Gonser Pete Gonzalez Cindy Goodwin Daniel Goodwin Kat Goodwin Carol Gordon Tony Gore Gary Gould Corev Graham Julie Graham Lindsey Graham Neil Granberry Robert Grant Jr Chris Gray Shane Grav Michael Gredler Billy Green Jr. Britton Green Jerod Green Kenny Green Jr Mark Green Mattie Green Teddy Green Jr. Chris Greene Edgar Gregory Kevin Gregory Larry Gregory II Michael Gregory Owen Grimes Kenneth Grimsley Larry Grissom Mike Grooms Kenneth Grothe Tyler Groves Ramana Gudapati Eduardo Guerra Miguel Guillen John Guillory Grea Guinn Jacob Guinn Johnathan Guth Manuel Gutierre: Charley Gwin **DJ Hackney Richard Haertlein** Brooke Hauedorn Tim Haladay Michelle Hale Rick Hale Rusty Hale Julie Halev David Hall Jeff Hall Randall Hall Richard D. Hall Ron Hall Dale Hallet Lindsey Hall-Wiist Tyle: Ham Joe Hamby Jimmie Hammontree Jr. Debra Hanev Heather Hanmer Lee Hanna Jr. Mike Hanson Nicholas Hardwick **Clarence Hardy** Cleophus Hardy Dale Hardy James Hardy II Brett Hardrove Jimmie Hardrove Loretta Harkins Christopher Harman Jennifer Harms Casey Harrell Ben Harris

Jeff C. Glenn

Jeannie Harris Lee Harris Mark A. Harris Mark L. Harris Drew Harrold Curtis Hartley Rowdy Hartley Steven C. Harvey Jeremy Harvill Eric Haskins Floyd Hathaway In Kevin Hathaway Chalis Hatton Nathan Hatton Ashley Hausman Ronald Hawkins James Hayes Wesley Haves Ray Haylord Kevin Haygood Terry Haynes Donnie Hays Terry Heard Timothy Hearnsberger Lesa Heilhecker Tony Hellar Norman Helmick Jeffrey Helwick John Hemmings Cory Hendrickson Eric Hendrix **Curtis Henry** Hayden D. Henry Hayden F. Henry Patrick Heringer Alex Hernandea Leslie Hernandez Norman Herrera Shawn Herring Thea Hibbard Jr Charles Hicks Clint Hicks Freddy Hicks Jr. Mike Hicks Nacolar Hicks Nigel Hicks Ryan Hicks Adam Hill Amy Hill Jennifer Hill Eisa Hill Megan A. Hill Medan E, Hill Zach Hill Gwen Hillhouse Justen Hinkle Glenn Hively Robert Hixon Terry Hobock Sally Hoch Joannie Hodges Danielle Hoeltzel Eili Hofeldt Stephen Hoff Craig Hoffman Ira Hoffman Austin Holland Michael Holland Molly Holley leffrey Holliday Crystal Holsinger John Holt Megan Honeycutt Wesley Hooper Deidre Hopkins Cliff Hornsby Ben Horton Janna Hoskins Amber Houston **Irevor Houston** Vecia Howell Jared Howerton Chloe Howlett Clay Hubbard Mark Huckaby Levon Hudman Chris Huey Bhan Huff John Buff Bryan Huffaker

Daniel Hughes Kennith Hughes Walter S. Hughes Kasev Hundt Holly Hunter Michael Hunter lared Hurst Patrick Hurst Robert Hurt Chad Hutches Jessica Hutson Brian Hyden Jesse Hylton Jose Ibarra Braxton Imke Brian Ingails Marcus Ingram Neil Ingram Steven Ireland Misty Isaacs Koby lvev Paul Ivey David Ivv Adam Jackson Darrell Jackson Dwight Jackson Isaac Jacobson Travis Jacobson Skip Jacot Clifford James Kyle James Scott lames Renner Jantz Timothy Janzen Carly Jaro **Brent Jenkins** Brandi Johnson Dawn Johnson Jake Johnson Jeremy S. Johnson Jeremy Johnson Joseph Johnson Undsey Johnson Manny Johnson Rickey Johnson Michael A. Johnston Michael W. Johnston II Carrie Jones Cindy M. Jones Cody Jones Dustia Iones Grant Jones Jenny Jones Jody Jones Johnny Jones **R** Llones Stacey Jones Tim I. Jones Steve Jordan Sarie Joubert Kevin Judd Sylvie Kao Matt Karl Lindsey Karner John Kastelic Lauren Kastner **Richard Kastner** Russell Katigan Christopher Keith Kim Kelley Steven Kelley Pam Kelly Josh Kemp James Kennedy Walter Kennedy Clint Kenner Shane Kennor Sonia Kepler Bruce Kessler Branden Killingsworth Kristopher Killman Isaac Kimbrough Aaron King Jr. Justin King Leah King Jade Kingcade Kvie Kinnev Bruce Kirkland **Timothy Kirl** 

Steve Klassen Jake Khngenberg Gordon Klundt Bobby Knapp Shayne Knapp Blake Knight Tamara Knight Douglas Knighten Henry Konan Glennette Koon Justin Koonce Rvan Koontz Randy Kopisch Jr Chuck Kordis Jr. Steven Kosciuł Sue Koskela Scott Kueck Rick Kuper Dustin Kurtz Kade Kusik Jeff Lagaly Michael Langford Nicole Lanphear Andy Large Autump Lashlev Bobby Laster Ryan Laster Chris Laughlin Michael Lawrence Kenneth Lawson Jr Lawrence LaPlante **Dustin Leavins** Nick Leber Andrew Lee Jesse Lee Joshua Lee Kentlee King Lee Homer Leger Sr liesa Leggett Frederick Lembach III Robert Lemons John Leanon Tiffany Leschber Jacob Lester Donald Leverich Christopher Lewis Kent Lewis McKenzie Lewis Micah Lewis Blake LeBland Cody Light Wes Liles Brian Linger John Lingle Sandy Lister **Travis** Little Rick Little Axe Phil Logsdor Bryan Lohoff Richard Long Jr. Kristi Looper Blake Looney Andy Lope; Paul Lopez Robert Lopez Susan Lorenzen Cody J. Lucas Mikel Lucas Robert Lumley Cecil Luttruit Donald Lynch Grant Macdonald Greg Macksood Terra MacAloney Michael Madar Rafael Madrid Troy Mahurin Michael Major George Malone Tim Mangham Rico Manjarrez Jonathan Manning Mike Mannschreck Joe Manshack Matt Manteil Tyler Manwell Alberto Manzano Michael Mapp

Don Kirschener

Ronald Marchbanks Paul Mares Jr. Dennis Marsh Gary Marsh Clint Martin Jimmie Martin Mary Martin Stacy Martin Fabio Martinez Joe J. Martinez Leo Martinez **Luis Martinez** Rodolfo Martinez Tony Martinez Corina Martinez-Malone Pam Massey Jenn Masters Lauren Masters Mike Mathis **Timothy Mathis** Bryan Matthews Brian Matula Brett Maughan Angel Maxwell Tiffany Maxwell David May Johnny May Dennis Mayo Joseph Mcalister Susan McAlister Kim McAuliffe Garret McBrain Alfison McBride Ray McCallister Gary McCartney Dakota McCarty Randy McCarty Roy McCasland Branden McClain Alan McClure Scott McCollum Kevin McCotter Dennis McCoy Don McCoy Lance McCov Tommy McCov Jamie McCracken Jeffrey McCroskey Rick McCurdy Brandy McDaniel Alvin McDonald Matt McDonald Shannon McDonald Danny McDowell Tony McEntyre Julie McFarland Becky McGee Jamie McGee Roderick McGee Kiley McGlothlin Keri McGuire Jason McIntosh **Charles McIntyre** Taylor McIntyre Marshal McKee Randy McKee Thomas McKee Leslie McKeever Rebekah McKenna Russell McKibben Brandon McKinley Willie McKinley Alicia McLaughtin Cody McLaughlin Kippy McLelland Aron McPike Cami McQuerry John Mease James Meek Ronnie Meeks Derrick Megli Ryan Mehan Araceli Mejia Andy Melton Zeke Melton John Meiville Taron Mendez Kevin Mendoza Tatiana Mercer Carter Messer

Josh Mey Adam Meyer Troy Meyers Gordon Michaelis Kevin Mick Michael Mikulenka Ir. Drew Miller Emily Miller Jeanna Miller Josh Miller Steve A. Miller **Dan Mills** Scott Mills Nichole Minnick Tabb Minor Kathy Mires Juliet Mitchell Jeremy Mixon I-Roy Mize Jeffrey Mohs John Montgomery Myron Montoya Jr Christie Moody Amanda Moore Leland Moore II Michael L. Moore Rex Moore Roy Moore Timothy Moore Mandy Moreno Renita Moreno Brandon Morgan Charles Morgan Eufaula Morgan Shanon Morris Hillary Moseley Terri Mosher Tyson Moulder Michael Mowrer Pat Mullen Lester Mullins Clint Mullis Adam Muncy **Bond Munson** Rafael Murillo Del Angel Elise Murlin Bridget Murphy Chasidy Murray Jerome Murray Kevio Murray Steve Murray Katrina Myers Heather Myres Shane Nafe Gavin Nailon Bobby Nance III Crystal Nance Kyle Neuenschwander Mike Newkirk Casey Newman Dana Newman Joshua Newport Steven Newton Jr. Chi Nauven Derek Nicholas Derek Nichols Rome Nichols Brandon Nicholson Drane Mickel Mark Nipper Gary No. Henry Nixon Chad Noland Joseph Norman Chase Norris Tony Norris John Nuckols Aimee Null Fred Nunn Cassi Nunnery Jane Nye Jason Oblander Jessica Ockershauser Ray Ofosu Jill Olney Brett Olson Nate Oison Faustn Ortiz Pedro Ortiz

Alan Metz

James Oshorn

Jeremy Otahal

Ray Oujesky

Aimee Owen

Dane O'Glee

Kyle O'Kelley

Lupe Pacheco

Andrea Painter

Brenda Palacios

Emerson Palmer

James Palmer II

Matt R. Palmer

Jay Parham

Chase Paris

Drew Parker

Joshua Parke

Taylor Parker

Tommy Parker

Jordan Parmer

Jason Parsons

Ranita Patel

Alex Patton

Travis Patty

Cayla Patzke

Jason Payne

Matt Payton

Henry Payton

Matthew Peach

Josh Pearman

Darby Pearrow

Jarrod Pearrow

Christopher Pena

Eric Pendleton

Tim Pendleton

Keith Peppers

Angela Perez

Charles Perea

Juan Perez

Francisco Perez

Jesus Perez-Garcia

**Richard Periman** 

Jerry Perkins

Keera Perkins

Jamie Perot

Melvin Perrin

Charlie Perry Ir

Farron Perry

Micah Perry

Gina Peterson

Marie Peterson

Jarred Pettijohn

Steven Phathong

Vernon Phillips Jr.

Christopher Pilgreen

Charles Philyaw

Sam Pickett

Kevin Pinkstor

**Cindy Pittman** 

Jeff Plangman

William Plant

Arturo Plascencia

Ryan Plummer

Adam Podschun

Erryn Pollock

Everett Poole

Jordan Pope

Maria Postmar

Brian Potocki

Stacy Potter

Micheal Potts

Jackie Potvin

Josh Prater

Devin Pratt

Paul Pratt

Mike Priest

Randell Powell Jr.

Lindsey Pitt

Aaron Place

**Ricky Phillips** 

Christina Pendarvis

Joe Peck

Kip Peck

Ercil Parsons

Tyler Palesano

Kim Painter

Chad O'Neal

Jon Pace

Courtney Owens

Savanna Owens Sr

Gregory Osbourne

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Lisa Pritchard

Sade Proby

Christen Proctor Barry Pruitt Jr Duane Puffer Cody Puffinbarger Nathan Pumphrey Jody Purcell Brian Putnam Roger Putnam Randy Pyle T.J. Pyle Amber Qerama Jacque Qualls Randali Radcliff TJ Ragsdale Ryan Rainer Melissa Raley Hector Ramirez Jose Ramos Nelson Ramos David Ramsey Derrek Ramsey Paul Ramsperger Roy Randolph III lared Ranum Jenn Rauber Shawn Rawis Amy Reames Scott Reddick Austin Reed Jamie Reed Jim Reed Leah Reel Kent Regens Andy Rehm Jason Reid Mark Reinhardt Danny Reno Alisha Reynolds Jackie Reynolds Amanda Rice Don Richard Mark Richards Pat Richards Heath Richmond Dale Riddle Shane Ridenou William Rieg Jr. Bob Rieser Chad Rilev Claude Riley Jr. Matthew Riley Bill Roach Adam Roberts Megan Roberts Rhett Roberts Bill Robinson Charles Robinson Clarence Robinson Dustin Robinson Jonathan Robinson Rob Robinson Robbie Robinson Tim Robinson Clayton Robison Justin Roby Bertha Rodarte Paul Rodgers Jr Eustaquio Rodriguez Raul Rodriguez Eddy Rodrigue; Roberto Rodriquez Jr. James M. Rogers Michael B. Rogers Nathan Rogers Timothy Rogers Sr. John Roney Rebecca Roper Trey Roper III Manuel Rosas Teresa Rose Jack Rosenberg Dee Ross Chris Rosson Harvey Rotramel Jr. Staci Rowell Jason Rowland Mark Rowold David Rov

Rebecca Roy Jeremy Rubio Brad Ruhman Guadalupe Ruiz Mike Ruiz II Ben Russ lamie Russell Randy Russell Tommy Russell Jr. Bryan Ryan John Rychtarik Daniel Rverson James Safley Baldemar Salazar Baldemar Salazar Jr. Ricardo Salazar Federico Samora Michele Samuels Ema Sanchez Steven C. Sanders Woody Sandlin Pedro Santana Jr Daniel Satterwhite Cathy Saunders Donnie Savage Jessica Savic Wayne Savory Brynn Scalf Kevin Scarem Susie Scasta Jason Schafer John Schafer Deborah Schaffner Heather Schevetto Boyd Schneider Jake Schoefflei David Scholl Regan Schrader Clint Schwarz Jay Scogin Jr. **Dustin Sconyers** Gerald Scott Steve Scott **Clifford Scroggins** Mike Scroggins Roby Scruggs Brooke Secor Brenna See Brad Seelback Steven Segrest Terry Sells Chellee Semon Havet Serradii Charlie Sewell Jr. Susan Seymore Mitcheal Shackelford Brian Shadwick Charles Shadwick Bindu Shah Jerry Shamblin Michael Shanbour Aaron Shannon Jacob Sharp Kevin Shaw Lisa Shelden Jennifer Sheline Cheri Shepard Jesse Sheppard Keith Shields Jr Brock Shindler Thomas Shock lason Shook Ashis Shrestha LR Shull Amanda Siebert Vince Sifuentes Cheryl Siler Gary Simer David Similly Patrick Simmons **Firla Simms** J.J. Simonsen Jr. Alan Simpson Rick Simpson Ir Brad Sinor Steve Sistrunk Jerimy Sites Jon Sivertson Tyler Skelton Justin Sloan

Rvan Slosson Drew Smart jaké Smedley Heather Smiley Aaron Smith Adam Smith Beth Smith Dale Smith III Dawn Smith Greg Smith Gwyn Smith leffery R. Smith Jimmee Smith Joseph Smith Julie Smith Justin T. Smith Milton Smith Randy Smith Stephanie Smith Steve Smith Thao Smith Zac Smith Jeffrey Snell David Snethen Jason Snyder Clarky Socia Matt Solomon Jaclyn Sommavilla Gary Sons Joshua Southerland Pavlina Sovak Brian Spaeth Jeremy Spalvieri Lindsav Sparks Shawn Spencer Jason Sprayberry Jefferson Springer Andrew Sprouse Heather Spurlock Gentry Squires Francis Staat Robin Stafford Paul Stager Michael Stair David Stamper Tim Stansel Laura Steen Britnee Steffee Nathan Steffee Gay Stephens Jamie Stephens Laura Stephens Cody Stephenson Glenn Stetson Joseph Stevens Jr Patrick Stevens Richard Stevens Jr. Chad Stewart Darren Stewart Haleigh Stewart James Stewart Mike Stice Corev Still Corey Stockert Harvey Stockman Michael Stoll Janeen Stonebraker Brian Stoops Bob Stowe Allie Street IV Sam Stroder Monica Stroman Holli Strong Robert Stroud Nick Strunk Jason Stryker Edwin Stubbert Donna Stubbs Doug Sublette Jordan Sudhoff **Brandy Sullens** Stephanie Sullivan Christopher Summerfield Jody Summers John Swanson Jason Tackett Jason Talkington Joshua Tanner Kristin Jarbush Julie Tarp

Justin Tarver Aaron Tasier Brian Tate late latem Casey Taylor Christy Taylor Monty Taylor Tim A. Taylor Josh Tedder Jason Teli Shawn Tenney Bridget Thedorff Matt Theriot Cody Thiessen Abbie Thomas Brad Thomas Denver Thomas Joseph Thomason Adam Thompson Frank Thompson Jon Thompson Matt R. Thompson Mitcheal Thompson Sharon Thompson William Thompson Ashley Thornton Scott Inornton Preston Thurman lodd ligert Isidro Tijerina W.E. Tinkler Cody Tipton lanner fipton Jim Todd **Richard Tollison** Suzette Tomlin Grea Tompkins Sr Frankie Jovar III Steve Trammell Rick Treeman Sarah Tribout Nick Tricinella Joseph Triplett Chuck Tripp Steve Trotter Wesley Iroub Daniel Iruman Mike Trussell Chance Turner Kevin Iwyman Perry Ulicnik Berto Uiloa lanner Upchurch Jose Urbina Justin Urena Ken Utton Bobby Vallery Donnette Vandersypen Deloris VanLandingham Steve Van Strien Crystal Vasquez Jeff Vasquez Silver Vasquez III James Vaughn Nick Vaughn Randy Vaughn Rusty Vaughn Miquel Vences Jose Vergara Javier Villa Juan Villarrea Donna Villers Link Vodron Terri Vogt Jennifer Voisin Terry Von Allman Ike Vorheis Haley Voyles Todd Waddle Justin Wade Donald Waggoner III Fred Wagner Steven Wagner Ken Waldroop Chase Waldrop Chris Walker Danny Walker Erin Lee Walker Matthew Walker Brandi Wallis

Jimmie Walters Jr. Michael Wanzer Tara Ward Kent Warfield Doug Warminski Brian Warren BJ Warren Christian Warren John Warren Ray Warren Britni Watson Cody Watson Mike Watson Kelli Waxman Jeff Weaver Michael Webb Nathan Weber Rvan Weber Cody Weiss George Weissman Bill Welch Brandon Welch Brent Welch Kip Welch Melanie Welch Geff Welsh Drew West Scott West Colt Westbrook Buck Wheaton Jeric Wheeler Shawn Whitaker Dennis White Lisa White Suzy White Jodd C. White Danny Whitehead Darien Whitehurst Gary Whitley Kody Whitley Kyra Whitt Darrell Whittemore **Bobby Whittington II** Sam Whitworth Rachael Wickery LeeAnn Widnei David Wiist Jr. **Terrence** Wilhoit Brent M. Williams Brian P. Williams Cody M. Williams Frankie Williams Jr Lauren Williams Mike Williams Forest Willis Adam Wilson B.C. Wilson Darrel Wilson Erica Wilson Jonathan Wilson Kayla Wilson Kendal Wilson Kevin Wilson Lance Wilson Sugar Ray Wilson Todd Wilson **Clayton Winkler** Gary Winn Keith Winsauer Rhett Winter Crystal Witcher David Witte Ray Wolf Glen Wolford Luke Wood Kim Woodall Travis Woodard Richard Woodbeck Mike Woodfin Kevin Woods Kyle Woods Monty Woods David Wools Becky Wooten Billy Wooten Jamie Word Daniel Wortham Lindsey Wortham Emily Worthen Brandon J. Wright

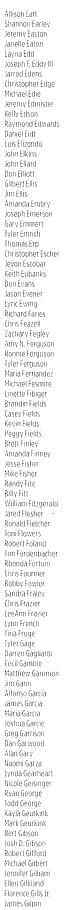
Dan Wright Kandice Wright Mike R. Wright Rvan Wright Tom Wright Chad Wyatt Carolynn Wylder Jennifer Yeahquo Tonya York Andrew Yost Kevin Yost Scot Young Terri Young Tammi Yount Juan Zapata Jr. Robert Zeiler Debra Zimmerman Linda 7immerman Melvin Zinke Gerry Ziriaxe 2009 (1,323) limothy 0. Abshire Timothy Abshire Jr. Daman Ackerman Joshua Ackley Jeremy Adam Christopher Adams DeAnn Adams Heath Adams Kyle Adams Peter Adams Mark Adkins Michael Adkinson David Adkison Aaron Aguilai David Ainsworth Edward Ainsworth Jasha Akers Gavin Albright Marco Aleman Curtis Alexander Albert Allen III Cathy Allen James M. Allen Jared Allen Kane Allen Mike Allen Paul Allen Tommy Allen Sondra Allison Jacob Alvarez James Alvis Joe E. Alv Brandon Amato Matt Andersen Andrew Anderson Jeremy Anderson Rondal Anderson Jr. Ivler Anderson Victor Anderson Austin Andrews **Dustin Andrews** James Andrews Jr. Bradly Andrus Jony Angelo Christopher Anglin Gary Ansley Rob Anthony Tony Aranda Steven Armentrout Gregory Armstead Joshua Armstead Brian Armstrong Bubba Armstrong David Armstrong Priscella Arnett Kyle Arnold Daniel Arv Samantha Ash Mike Atchie Michael Atkinson Kelly Babb Joev Bagnaro Gordon Bailey Jamie Bailev Justin Bailey Kenneth Bailey L L Bailey Brett Baker

Heath Baldwin Michael D. Ball Jonathan Ballard Lilli Ballinger Diana Bane Kim Barbay Linda Barber Seth Barkocy Dylan Barnes Marcus Barnes Rvan Barnhart Joshua Bartholomew Johnny Barton Whitney Bash George Bass Melissa Bassett Barry Bateman Allen Bates Everett Bates Hope Baumgarner James Baumgarner Matt Bayne Coby Beals Jonathan Beam Russell Beavers III Adam Beck A.J. Beets Jeremy Begeman Kyle Behnke Christopher Bell Dustin Rell Dana Bennett Rvan Bennett lodd Bennett Allison Bentley Daniel Bentley Merideth Bentley Matthew Bereuter Jonas Bergman Sherry Bernstein Keyvn Berry Steven Berry Chris Beuchaw Jared Beutler Carl Bevor Amber Bezdek Dannve Billie Andrew Bischoff Carmen Bishop lames Bishon Ryan Bishop Shyla Blackketter Dwyer Johnathan Blacksten Darrell Blagg Joshua Blewer Scott Blomgren Jason Blose Margaret Blount Dan Blythe Dennis Bode Jonathan Bodine **Travis Bohannon** Ryan Bohnet Jeremy Boitnott Jen Bookwalter Christopher Boomgarden Curtis Boone Justin Boop Mike Bordes Richard Bostick Nathan Botti Kent Bowman Jr Sonny Bowman II Christopher Boyles Shad Brackin Arla Bradford Blair Bradley Colt Bradley Dennis Bradley Rick Bray Christopher Breland Rawlins Breland Randail Brewei Dawn Brick Scott Bridges Lindsay Bridgwater Kenny Briley **Brian Bristol** Bryan Britt

Bryan Baker

James Britt Clint Brooks Gerald Brooks Joe Brooks Landon Brooks Shannon Brooks Leslie Bross Sarah Brothers Charles Brown II David B. Brown Matthew Brown Robert Brown Timothy Brown Mary Bruce Benjamin Brulet Heather Brulet Jennifer Brumage Jeremy M. Bryan Scottie Bryan Jeffrey Bryant Ron Bryant Megan Bryce Jamie Buchanan John Bunner Steve Burnley Jeffery Burns Lonnie Burns Amy Burrous-Medina Svivia Bustamante Jeff Butler Byron Button Jr Steve Byrd Bradley Cagle Christopher Cain Mike Caldwell Stephen Callahan Craig Callas James Callender Juan Camacho Martin Camacho Jeremy Camburn David Camero Kim Cameron Stephen Cammann Jr. Jimmy Camp Derek Campbell JC Campbell Scott Campbell Steven Canada Michael Caneen Steve Canfield Casey Cardin Cody Carlisle Nathan Carlson Lonnie Carpenter Luke Carpenter Jeremy Carraway Bobby Carter Charles Carter III Jeremy Carter Toby Cashion Ken Cason Jefferson Castie Jimmie Casto Thomas Caton Jr. Ken Cavner Scott Cazabat Brad Chambers Erin Chancellor Chris Chappell Jerome Charleston Eugene Childers Lindsay Choate Amanda Clark Christopher Clark William Clark Tom Clarke Jane Clements Christopher Clevenger Megan Clinkenbeard Jason Coates Lloyd Cockrell Merrick Coe Merle Coffman Jr. Christopher Cogswell Joe Coladipietro Glenn Colbert John Cole Justin Colearove Bob V. Coleman

Juri Coleman Justin Collier Nathan Collins Rick Collins Tom Comei Ron Comes Paul Conti Jud Cook Rickey Cook Chad Corcoran Tammie Corkery Jon Corley Adam Cornell Jose Corralejo Beniamin Corso Agustin Cortes Marcus Corvino Keith Cowell Stephen Cox Josh Craig Julie Craig Brandon Cramer Cory Crawford Jonathan Creagan Robbie Crosier Derik Cross Michael Cross Johnathon Crossen Willard Crossen Pam Crum David Cunningham Natalie Cunningham Bryan Curtis Jimmy Cyrus **Tiffany Dailey** Jeffery Daniel Becky Danker Joe Darnell Adam Daugherty Brian Daugherty Joe Daugherty Pat Davenport Orin David Andrew Davis Darryl Davis **Dustin A. Davis** Gary Davis Joel Davis Landon Davis Steven Davis William Davis Rvan V. Dean Shane Dean Eric Deeter David Dehn Jr. Bradley Deines **Billie Demott** Gregory Desper Fnu Dezvita Valente Diaz Chase Dickens Bentley Dill Jerry Dilley II Nicholas Dimauro Drew Dixon Lee Dixon Amy Dobkin Renee Dollar Crystal Doty Marshall Dougherty Karl Doughty Jr. Terry Doughty Irene Dougrey Anna Dovedan Cherv! Dowis John Dozer, Ir Michael Drake William Draper Grea Duffy Will Duffy Connie Duke Justin Dulanev Chad Duncan Jim Dunham Chris Dunton Cory Duria Chris Duroy Chase Dwiggins Greg Dykes Sr. Joe Eades



Tim Giloin Shannon Glancy Travis Glauser Michael Gleason Bradley Glosup Karl Goebel Darrell Goeringer Devin Golden lose Gonzales Cirilo Gonzalez Mark Goodin **Richard Goodrich** Daniel Gorham Julian Gorman Rvan Gorman Shawn Goss Adam Gossen Joseph Gottschall Melissa Goyer Mike Grady Inna Graham Caleb Grantges Matt Grassmyer Mike Graves James Gray Jr. Stanford Grav Trey Graybill III Lance Green Mike Green Whit Green Allan Greenawalt Dustin Greenway Josh Grellner Lambert Grim Brian Grove Christopher Guajardo Rich Guenther Glenda Guerra Rene Guerra Angel Guerrero Brian Gunsaulis Bolames Gunter Paul Gutta Sarah Hacker **Rvan Haffner** August Hadwige David Hagadom Keith Haggard Stephen Haggerty Greg Hakman Brian Hale Brandon Hall **Dustin Hall** Renee Half **Rick Hall** Zach Hall Lynne Hames Clint Hamilton James Hamilton William Han Nick Hancock Kristi Hanna Sean Hansen David Harbin Daniel Hardy II Stephen Hardy Eddie Hare Alysia Hargus Aaron Harper Adam Harper Christopher Harper Jackie Harris Jerry Harris Berlin Harrison Mark R. Harrison Charles Hart Kevin Hart Larry Hartgrave Matthew Harville Leonard Harzinski Jr. Heath Hatcher Erin Hathaway John Hatton Thomas Haun Robert Havens Jr. William Hawkins Jr. D.J. Haydon Jr. Adam Havnes Kenneth Havs Allen Head

Jennie Heard Grea Heater Kellie Hefner Jeremiah Heldreth James Henderson Rob Hendle Jr. Sandra Hendrix David Hennessy Marcus Henry Phil Hensley Parish Henson Brandi Hernandez Jose Hernandez Raymond Herndon III Mike Hershberger Kurt Hibbard Alyssa Hickey Carlos Hicks Gary Hicks Jacala Hicks Jason Hicks Michael Hicks Dean Higganbotham Duke Hightower Christopher Hill Chase Hines Edgar Hinoios Kerry Hinsley Cory Hixson Angi Hodge Steven Hodges Jaime Hodson Russell L. Hoque Dustin Holben Brandon Holley John Hollister Jolene Holloman Laura Holmes Clay Holt Gene Holt Thomas Hood Matt Hoops Wes Hope Amy Hopmann Jason Horn Jennifer Horrigan Sherry Hosey Lanny Hotaling Sara Howard Sherry Howell Eddie Howen Morgan Hudson Stacy Hudson Daniel Hudspeth Nathaniel Huggans Lori Hughes Havley Humpert Jeremy Hunter Eddie Hurst Edward Hurst Kollin Hurt Kyle Hurt Lisa Hutcherson Allen Hutchins Kevin Hutchins Jon Hyde Wesley Hyde Neal Impson Donnie Ingram Patrick Innes Eric Inskeep Orlando Isaias Blake Jackson Brian Jackson Mark Jackson Shawn Jackson Kenneth James II Larry James Lamont Janz Ryan Jarratt Calvin Jarrell Robert E. Jarvis Victor Jarvis Jr David Jennings Erinn Jennings Bob Joest Bradford Johnson **Bravdn Johnson** Brian Johnson Gary W. Johnson

Kevin Johnson Earry Johnson Matt Johnson Michael Johnson Rich Johnson II Scott Johnson Steve M. Johnson Amy Jones Bobby Jones Brady Jones Cyndi Jones Daniel Jones Emily Jones Jennifer Jones Jeremy Jones Julie Jones Scott Jones Whitney Jones Xavier Jones Will Jordan Ed Jozwick Ron Juratova Alex Karim **Clint Keating** Cale Keim Mark Keitz Chad Kelley Jordan Kelley Matt Kemper Josh Kendrick Grea Kennedy Cheryl Kerr John Kiehlmeier John Kilgallon Colby King Jeremy King Melissa Kingry Will Kington Woody Kinney Michael Kinsey Kenny Kipper Wayne Kirk Jr Whitney Kirk Kerry Kirksmith Heidi Kirsch John Kitchen Shavna Kiellser Josh Kling Zackery Knell Aaron Knight Chuck Knight James Knight John G. Knox John M. Knox Todd Kreamei Benlacy JV Laffitte John Lair Daniel Lancaster Bobby Landrum Jr. Kim Landry David Lane Richard F. Lane Clay Langley Mike Langley Jimmie Laningham Daniel Lara Corey Lasley loe Latham Brian Layman Eucy Lazos Julia LaBella Claudia LaPlante Courtney Leach Scott Ledbetter Aaron Lee Alexa Lee Christopher Lee Clayton Lee Dale Lee fot Lee III Will Lee Ir Bryan Legg Marie Leifheit Wesley Lernens Jared Leseman Andy Levine Mark Levingston **Chad Lewis** 

limmy Lilohnson

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Taylor Ley Micah LeGali Sam Liebhart Eric Lindberg Jeffrey Lindsey Larry Lines Andrew Linguist Rosie Linton John Little Michael Little Robby Little Michael Livingston Neil Lloyd Logan Lobue Scott Locklear tyndel Loman Angie Long Carson Long David Long Diana Long Eddy Long Dan C. Lopata John Lorentz James Louiso Owen Love Francisco Lozano Petra Lozano De Thompson Bonnie Lucas Cody J. Lucas Harvey Lucas Jr. Tyler Lumpkin **Bill Lusk** Dustin Lynn Gerald Mackenzie Jr. Shad MacNaughton Ashley Madisor Daniel Maffei Marissa Mahan Nicolas Mahan Damon Maikell Bob Malecki Jim Malone Jr. Dale Manahar Sid Manning Joe Marecic Aaron Marlow Stanley Marlow Michael Mars II Lester Marsh Evan Marshall Dan Martin John Martin Jr. Michael L. Martin **Rick Martin** Shane Martin Stephen Martin loe M. Martinez Joel Martinez Jr. **Rick Martinez** Paul Marton Jerry Massey Jr. Efraim Mata Brandon Mattison Tamara Mauk Jess Maulsby Matt Mayhew Kevin McBee Gary McBride Jesse McCabe Thomas McCambridge Stu McCarthy Brad McCarty Michael McCarty Jeff McCathern Michael McClintic OG McClinton Jr. **Bill McClure** Glen McConnell Chad McCool Brian McCoy Katie McCullin Crystal McCusker Calvin McDaniel Dave McDiffitt Bryan McDonaid Mickey McDonald Jr David McFall Christopher W. McGinnis

#### Iravis McGloughlin Richard McGuire Jasen McKav James McKee Mike McKee Nathan McKeehan Stephanie McLaughlin Steve McLaughlin Nathan McMullen Jame McNabb Kyle McNayr Thomas Measel Fidel Mendoza Tav Mendoza Leah Merciez Ryan Meyer Randal Mick Travis Miles Ken Miller Kenneth Miller Kerri Miller Kirby Miller Marianne Miller Mike E. Miller Sr. Sedrick Miller Tim Miller Danya Mills Karen Mills **Richard Minshew** Danelle Minton **Jommy Mitch** Chris Mitchel Randall Mitchell Rvan Mixon James Mode Darin Molone Corey Montgomery Robert Montgomery Charlene Moore Cliff Moore Daylan Moore Densel R. Moore Sr. Densel R. Moore Jr. Joel Moore Margaret Moore Philip Moore Erik Moorman Abel Morales-Macias Kevin Morehead Duane Moreland Armando Moreno

Mark Muegge Jr. Jared Mueller Stacev Mullenax Levi Mullins Lawrence R. Munsey Brian Murnahan Robert Murphy Jr. Christopher Musgrave Kathy Myers Mike Narcavage III Robbi Nartey Tyrel Naugle Amy Neal Gary Neal Mirhael Neal Freddy Neighbors Rick Neiswonger Terry Neitzler Johnathon Nelson Lisa Nelson Sky Nelson Matthew Neubert Benjamin Nevill Colin Newhouse **O'Ryan Newton** Chris Nichols Jonathan Nichols Luke Nichols Sean Nichols Kenneth Nickeson Cassie Niemann Jason Nieuwenhuis Justin Norman James Novak Connie Nowel Selena Nunez Jared Nutter Daniel Odell Dean Ogden Charles Ohlson Victor Okeh James Olive Michael S. Oliver Doug Olivier James K. Olson Jr. Brent Opfer Pam Orth Robert Östrander Jr. Ashley Overstreet II

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Joseph Paup

Kathleen Penn Siva Pennabadi James Penzo James Perkins Joshua Perkins Chris Persellin Catherine Peterson lav Petree J R Pettijohn Jr. Tu Phan Knut Philippi Daniel Phillips **Dustin Phillips** Evn Phillins Richard Phillips Jayson Pihajlic **Timothy Place** Monte Plummer John Poarch Levi Poe Venkat Pokkuluri Angie Pool Charles Poole Kerry Poole Tv Porche Kenneth Porter Artia Powell Nathan Powell Natalie Pratle Chad Preston Jerren Preston Kyle Preston James Price Jeffrey Price James Pritchard Chase Pritchett Justin Pritchett Alan Procell Michael Proctor Estevan Puente Kyle Puffinbarger Bob Purgason Mickle Putnam Stony Queen Stephanie Quinn Aaron Rachali Jeff Ragan Michael Raisig Juan J. Ramirez Jr. Tim Ramirez



OKLAHOMA CITY, OKLAHOMA Largest in the industry, Chesapeake's Geographic Information Systems department employs more than 60 geographers, cartographers and specialists.

Stacey Owen

Blake O'Neill

Christopher Morgan James Morgan Justin Morgan Nathan Morgan Sloane Morgan David A, Morris David Morris Javid Morris Sydney Morris James Mosby Jason Mosley James Mossor Justin Moxley Kevin Pack Meosha Paige Allen Pair Cristian Parau Bill F. Parker Nicholas Parker Laura Parrish Eddie Parsons Kevin Parsons Reema Patel David Patterson II Kathleen Patton Ben Paugh

Timothy Ramsey Cathy Raney Will Ratcliffe Geraid Ratliff Charles Ratts Hillary Raubach David Rauh Christopher Ray Doseph Raybon Reid Reagan Mike L. Reddick Jerry Reel

#### 40 EMPLOYEES

Roy Reel Flint Reeve Damon Reeves David Reeves Reagan Register Andy Reinert John Reop Brandon Reves Jimmy Rhodes Rory Rice Patrice Rich Bobby Richards Ir Rene Richards James Richardson Joseph Richardson Luke Richardson Rodney Riffle **Richard Riggins** John Riggs Cassie Rigsby James Riley Freddy Rios Oscar Riveracano Candace Robert Michael Robert Joseph Roberts Ronald Roberts Diana Robertson Brian Robinson Chad Robinson IV Shae Robinson Sarah Robinson - Garcia Kaylan Roby Woodrow Rodgers Jr. Michael Rodrigues

Marc Sanders Steven J. Sanders Brad Sandifer Kara Sardis James Saultz John Saxon Jr Harley Scanlor Gabe Scheer Jess Schenk James Schlarb Crystal Schmeckenbecher Jason Schmitz Eric Schneider Ashton Schoaps Robert Schoenfeldt Jr. Cassie Schoshke Eli Schröck Phillip Schroeder Tony Schroeder Chris Schuman Michael Schweighart Joshua Sconyers Brian Scott Candace Scudder Tanner Seai James Sears Stephen Seibert John Seifreid III Josh Sentyz Brandon Sepulvado Raquel Shacklett James Shamblin Willie Sharp Dan Sharpe Shea Shelby

Matthew Smith Michael W. Smith Mike R. Smith Shawn Smith Amy Snedekei Casev Snow Corv Snyder Kendel Snyder Richard Snyder Stephen Socha Jason Sonnema Frank Sopher Danielle Southall Lawerance Southerland Bobby Sparkman Jr. Jack Sparks Jr. **Rick Sparks** Gary Spencer II Levi Spencer **Rick Spicer** Dave Spigelmyer Shelly Spitznogle Justin Spruell Curtis Spruili Loni Staats Stan Stacy Jr Timothy Stamper Ryan Stamps Richard Standage Amy Stanley Harold Starr Hancel Steen Michael Stephens Teena Sterling Billy Stevens Jr

Amy Tennison

Cody Theimer

Andrea Thomas

Jeffrey Toot

Tyler Treece

Cody Trisler

Nick Tyler

Jack Tyre

Don Tyson

**Rick Vickers** 

Colby Therwhanger

Gary Whitis

Taylor Whitis

Erin Tewell



BIG WELLS, TEXAS In the heart of the Eagle Ford Shale, Chesapeake's vertical integration strategy allows the company to rapidly accelerate its drilling activities.

Chance Rodriguez Gustavo Rodriguez John G. Rogers Kathy Roders Mark Rohrbough Robert Rollins Marc Rome Domingo Romero-Luna Jacque Ross Jessica Ross Rhonda Ross Sr. Terry Rowe Julie Roy Chris Royse Austin Rubard Rick Rupard Michael Rupp Jason Ruppert Joanna Rus Ron Rush Jr Jackie Rutherford Jr. Stacy Rutledge Peter Rutt Sr. Thom Rychecky Jesus Salinas Gene Sampson Zack Samuels Lucio Sanchez Chase Sanders Daniela Sanders David Sanders

Jason Shelhamer Iom Sheme Jr. William Shenardson IV Justin Shields Sherri Shirley Rob Shores Jesse Short **Troy Short II** Tim Shue James Shuli Lynette Shults Clayton Shumway Anthony Shuster Darren Silcott Corinne Simon Nicholas Sims Grea Sinaleton Jonathan Sisk Buddy Sissom Jr Randy Skinner Kristy Skiro Reggie Stoan David Smarkusky Brian Smith Brvan L. Smith Jarrett Smith Jerry Smith Joshua J. Smith 1.0. Smith Katherine Smith Lisa Smith

#### Billy Vo Jeremiah Stevens Eric Stewart Jeffrey Stewart Joshua Stiles Mike Stivers Dillon Store Kim Stovall Eugene Stradley Sean Strange Elizabeth Strawn Jake Swanson Sherrie Swift Steven Falada David Talley Kevin Tapia Steven Tatro Jonathan Tatum Ryan Tatum Amanda Tavlor Barbara Taylor

Chad Taylor

Chava Taylor

Darrell Taylor

Jason A. Taylor

Jeremy Taylor

Simone Taylor

Wossen Tefera

David Templet

Jeffrey Tedesco Jr.

John Taylor

Kyle Taylor

Matthew Volner Casey Voss Alvssa Vowell Jason Waldenville Connie Waldrop Audie Walker Christopher Walker Doyle Walker **Biff Walko** Billy Wallace Jason Wallace Kristin Wallace Michael Wallace Karen Walters Tony Ward Craig Warren Joseph Warren Larry Warren Michael Warren Jerry Watkins Brent Watson Rusty Webb Vance Webster II Biake Wedel Darren Weed Charles Wegman Cutter Weiand Jared Weingartner Jason Weingartner Ralph Welch Jr. Derek Wells Sean Wells David West

Lee West

Zach White

Ashley Thomas Tyler Whitsett Ray Thomas Tommy Thomas Kristel Wiewel Jeff L. Thompson James Wiggins Justin Thompson Michael Wiggins Todd Wilfona Rene' Thurman James Tillman **Dustin Willbanks** Aaron Williams Joseph Tingler Taylor Tisdal Amy E. Williams Gregory Tomlinson Jeff Williams Philip Tomlinson Jordan Williams Joseph Williams Donald forres in Lisa D. Williams Roaelio Torres Richard Trammell Ty Williams Josh Williamson Donie Treadaway Doug Willits Aleiandro Treio Kendra Wilmeth Alina Trepagniei Alao L. Wilson Marsela Ireska Kory Wilson Addie Triska Preston Wilson Christopher Will Michael Tucker William Winstead Randy Jullos Brandon Winters Bronson Turley Travis Wishon Michael Turner Ari Wolever Ronald Wolfe Jesse Tuthill Jackie Tuttle II Kenneth Wood Jana Woodard JR Woodfin Joshua Woorts Christopher Underwood Katie Wooten Larry Wooten Kie Vander Svs Mark Vannasdall Andrew Work Phillip Vanover Rick Worley Brandon L. Wright Roger VanRyn III Joseph Vargas Brian Wright John K. Wright Andrew Vargeson Mike W. Wright Todd Varner II Stephanie Vaughar Sammy Wyatt Peyton Vaughn Dwayne Wylie Marcelo Vera Steve Wyman Raymond E. Verhoeven Larry Yawn Amanda Yeader Jason Young Derek Vilioen Randy Young Michael Vincent Brett Yourish Gregory Vogel Art Ysaguirre Jr. Sam Yule Doug Yurek Robie Abbott J John Abeid Billy Abernathy Sasha Abernathy Randy Abidt Brandon W. Wallace Justin Abma Mike Achee Diana Acker Luis Acosta Brooke Adams Junior Adams Nealon Adams Ronley Adams Elizabeth Adcock Chad Addison Rebecca Addison Rochelle Adickas Mark F. Adkins Nathan Adkins Steve Aduddeli Jason Agee Carlos Aguilar Dustin Aguilera Brady Aguillard Nadia Ahmed Brenda Aiken Art Alarcon Richard Albaugh Sherri Albert Adrian Alcala Peter Alcorn Jimmy Whitehead Rachel Alden

Daniel Whiteman leremy Alexander Mason Alexander Cole Whitman **Emily Whitney** Jeremy Wiedenmann Chris Allen Eric Allen lerad Allen Jesse Allen Kevin Allen **Rick Allen** Stephanie Williams **Rick Alliss** Joel Alpers John Zimmerman Jr. Hark Asb 2010 (3,105) Jesse Ates Sam Atkins Lisa Austin Tyler Avery Jesse Ayala Grant Baker Matt Baker Tim Baker

Nicholas Alexander Steven Alexander Todd Alexander Jordan Alford Loretta Alfrey Emory Allen James H. Allen James P. Allen Jessica Allen Joshua L. Allen Rob Allen Jr. Roseanne Allis Beth Allison Ricky Allums Douglas Aimgren Alex Altman Jorge Alvidrez Jennifer Ammari Richard Amorose Nicholas Amos Mark Anders Chase Anderson Colby Anderson Jason Anderson Jeff D. Anderson Jimmy Anderson Marjorie Anderson Prentice Anderson Jr. Zack Anderson Aaron Andrews Troy Andrews Jr. Mike Angeles John Angiulli Coby Aparicio Shauna Apolinar Chris Appledate Amber Archer German Arellanes Jose Arellanes Joel Arellanes - Naiera Robert Arens Eric Armenta Allen Armstead Chad Arnold Terri Arnold Leornardo Arrovo James Ashcraft Alan Ashford Jason Ashinhurst Travis Ashley Jason Ashmun Blake Ashton Ryan Astheimer **Billy Atkinson** Doug Avellino Emaly Avery Darren Avers Jason Ayers Edon Babcock 10 Babineaux Donald Baccus Charlie Baeza Stephen Bafumo Michael Baggett Jeremy Bagley Dianna Bailey Kevin W. Bailey Sherri Bailey Donald Baker Jamie Baker Matthew Raker

Amanda Balcom Roel Balderas Sandra Balderrama Amanda Baldwin Jaryd Baldwin Tim Baldwin Alex Bales Betsy E. Ball John Balog Diane Balogh Blake Baptist Adrienne Barber Rodney Barber Jr Ben Barichivich Daniel Barker James A. Barker James A. Barker leff Barksdale Kody Barmore Kevin Barnard Jonathan Barnett Joey Barnhill H Patrick Barnum Peter Barnum lason Barr Nathan Barreti Milo Barrington **Corey Barrios** John Barrios Jr Sammy Barron Dave Bartois Patton Bartholomew Justin Bartlett Sam Bartley Richie Bartosh Jr. Chris Bartran Sophy Barve Zach Basden Phil Base Adam Basquez Adam P. Basquez 3r Adam Bates Cliff Bates Kyle Bates Tarah Bates Scott Batson Damien Batter Janet Battle Jeremy Battle Mitchell Batts Brittany Baucom Josh Bavari Bryan Bays Eric Bazan Anthony Bear Robe-Hofwolt Brandt Beasley Jessse Beason Brent Beaty Mira Beavers Gubany Becerra Tracy Becerra Jeff Bechtel Brian Beck Ryan Beck Don Becker Joshua Becker Ellie Beckers Callie Beckham Jordan Bedwell Duane Beechei **Ricky Beene** Jared Begemann Nicole Bekker Blake Belander Jeremy Bell Jerry Bell Louis Bell Russell Beil Sam Bellinger Stacee Bellows Mike Belman III Isaiah Beloncik Ron Belstra Johnnie Benefield Nancy Benham Michael Benjamin Jerome Bennett

Tammy Bennett

Steve Bowers

**Timothy Bala** 

Tony Benneth Sean Benson Jessica Beres Brad Berga Peter Bergman Edwin Bergner Matt Berkeley Leonardo Bermudez David Bernal Natasha Bernhardt William Berry II Sergio Berumen Jay Bessinger Morgan Beuchaw Cody Beyan Jared Bialas Lyndsay Biby Geoffrey Bice Donald Bickford **Fravas Rickbart** Sean Bidwell Mark Biefeldt Michael Bierly Corey Bigelow Carl Biggs Bryan Billings Roy Bills Patty Bingham Nathan Binswanger Scott Bird Benjamin Bishop Blake Sixler Amy Black Melody Black Niki Black Travis Black Mark Blackburn Dustin Blackman Robert Blain Noelia Blair Justin Blake Roy Blanchard Ted Blanchard Ray Blanco Jr James Bland Tim Blasz Maria Bleakiey Alan Bledsoe Andrew Bledsoe Shane Blehm Cody Bleigh Laren Blevins Tom Blevins James Blewe Jason Blewer Cody Blosch Travis Blv Jon Boardman Jason Boatright Josh Boaz Lori Boecking Brian Boerner Ryan Bogaczyk Carrie Bogle Sandra Bogle II Bogle Katrina Bohannan Robert Bolden Witham Bolin Caleb Boiton Dave Bolton Sherry Bonawitz William Bonecutter Iravis Bonine (hris Bono Claude Bonura Blaine Booher Bobby Boone Brandon Boone Stephanie Boone Matthew Rooth Henry Rordelon Mike Bordelon Roger Bordelon Kane Borek Steve Bornsen Densiel Bottger **Ivler Bottger** Steven Boulware

Michael Bowling Jesse Bowman Matthew Bowman Joe Box Bobby Boydstun Ashley Braden Kyle W. Bradford Reagan Bradford Don Bradley James Bradley Jase Bradiev Jason Bradshaw Zac Bradt Tim Brady Larissa Braker Bradley Brasington Blake Braswell Danny Bratcher II Corv Bratina Lee Ann Bratten Allen Bratton Jr. Jason Bratton Mike Bread Dax Brecher Cache Breedlove Gerry Brem Matt Brennan Jayson Breunig Cody Brevelle Brian Brewer Tim Brewer Blaire Bridges Jason Bridges Jason Briggs Mark Brinegai Larry Roscoe David Bristol Courtney Britt Greg Britt Steve Brominski Buddie Brooks Justin Brooks Christopher Brosius Robert Brosko Holly Brotherton Angela Brown Chris Brown Christopher Brown David Brown Heather Brown Henry Brown Josh Brown Mark A. Brown Michael Brown II Moriah Brown Rodney J. Brown Ronald Brown Willie Brown III Mike Brownell **Rick Browning** Michael Brunsman Corey Brutsman Erik Bryan **Richard Bryant** Scott Bryant Brad Buchan Alex Buchanan Trey Buchmeyer Juan Bucio Kylie Buckles Emily Buckmaste Eric Buddenbohn Ryan Buersmever Michael Bullock **Bobby Bumdarner** Robert Bunke Chris Bunn Stephen Burchard Sam Burdge Brett Burger Carl Burkhammer Bruce Burkhardt Jr. Cody Burnett Don Burnett Jake L. Burnett Jami Burnett Tv Burnett Delvin Burns James Burns Sarah Burns

Justin Burris Harriet Burrow Jeff Burson Jeff Burt Kyle Burt Jeremy Burton Michael Burton Sr. Thomas Burton Jr. Julie Bushong Brian Bussie Juan Bustamante Lea Ann Butcher Amy Butler Charles Butler Cosey Butler Jr. Eric Butler Steven Butler Joe Button Stephen Button Zack Butts Robert Byers Kelly Byford Charlie Byrd Bryan Bone James Cahoon Jr. Rvan Cain Brian Calder Javier Calderon **Clayton Calhoun** Jerry Callahan Rick Callahan Katie Callaway Jason Callen Noel Camacho Carlos Camacho-Martinez Nicholas Camburn Marissa Camp Alan Campbell Ashley Campbell Jessica Campbell Kelsey Campbell Ron Campbell Jr. Joesph Canaday Chris Cannon Lindi Cantrell Salvador Cantu Jr. Charles Caraway Jordan Carden Nikki Cardenas Victor Cardenas Sr. Victor Cardenas Jr Arnold Carey Jr. Adam Carleton Brian Carlozzi David Carlson Trinity Carman Candace Carollo Jason Carpenter David Carrico Jose A. Carrizales iames Carroll Shawn Carroll Robbie Carson **Dusty Carter** Gail Carter Jonathan Carter Med Carter Roder Carter Dusty Cartrette Mac Carver Heleodoro Casarez Allison Cashman Nik Casiano Lauren Cassel Scott Castaneda Bradi Castle Josh Castleberry Encarnacion Castro Pete Castro Sean Cates Allen Catlett Rolando Cavazos Ashley Cawthron Nicholas Cerbone Doug Cerretani Mike Cervantes Brandon Chabot David Chadwick Jake Chambers Jonathan Chambers

Jordan Chambers Williard Champagne Jr. Aaron Chang Gustavo Chano-Koo Bounverne Chansombat Terry Chapman Eric Charoonsal Kenneth Chase Zac Chastain Melissa Chasteen Jerry Chavez Jose Chavez Marcos Chavez Paula Cheater Whitney Cheek Brian Chenault Stephanie Cheng Taylor Chennault Terry Cheramie John Chidester Jr. Theo Chidester Dave Childers **Billy Childress** Steve Childress David Childs Jr. Billy Chilson Daniel Chilson Eric Chilson Gretchen Chilson Jason Chilson Jeffrey Chilvers Eric Chipps Joshua Chonko Jonathan Christian Liza Christian Jerome Christopher Jacob Chrones Eric Cindric Jerry Circelli Cason Clagg Daniel Clampet Abby Clapp Cheryn Clapp Jesse Clapp Chris Clark Josh Clark Paul Clark Stewart Clayton James Clements Ken Clemons Iom Cleveland Josh Clifford Zsanett Gifford Jessica Clifton Richard Clifton Charla Chine Jack Clinger Patrick Close Brian Closson Glen Clothier Tricia Clothier **Travis** Clutter Jessica Coats Kristyna Coats Chris Cobbs Robert Cockburn Timothy Cockerham II Kyle Coel Paul Cogar Weston Cogburn Matt Coker Sherry Coker Alex Colarusso **Quincy Colbert** Jeremy Cole Brandon Coleman Jason Coleman Jeffrey Coleman Ann Coleson Kari Collard Suzi Collier **Bill Collins Billy Collins** Cindy Collins Cody Collins Gary Collins John Collins Laurie Collins Jack Colten Drew Columbus Jr.

Edwin Combs Danielle Come Maggie Conell Duane Confer II Ben Conley Chris Conner David Conner Robert Conner Kandi Connor Denver Conrad lesse Conrad Frank Conserette III Robert Conway Jr. Seth Conway Cody G. Cook Cody Cook Fric Conk Ryvers Cook Zackery Cook Johnathon Cooke Shane Cooley Jr. Kyle Coon Kyle Cooper Larry L. Coope KaraBeth Copenhaver Will Corbyn Allan Cormier Mike Cornell Carl Corner Amy Cornforth-Long Kate Cornwell Edgard Corona Evaristo Correa Wesley Corrick Aaron Corter Neil Corv Ir. Harold Cosner Josh Cosner Fernando Cossio Dan Costello **Clayton Costiow** Kirk Cotham Megan Cotton Chester Cottrill Marc Coughanour Vashon Coverson Margaret Covington Ashley Cowan Charles Cox Clayton Cox Dustin Cox Orrin Cox Joe Craig Kara Grain Jason Crawford Kenneth Creel Jr Gail Creighton Monte Creps Alex Criner Dorine Crisman Taylor Crisp Mark Crocker lan Cronkhite Brittany Croslin Troy Crossen Michael Crouch Kari Crow Odis Crow Nicole Crowl Acacia Croy Patrick Crump Conner Cruson Eduardo Cruz Carmen Csizmadia Keeley Cuccio James Cudd Andrew Cullen Bart Cullins Jr Kerry Culver Katie Cummings Kelly Cummings Shaun Cummings Tim Cummings Danielle Cummins Mike Cummins David Curtis Trevor Curtis Edward Cutright James Cvr Walter Dahm

Malori Dahmen Dallas Daley Clay Dallison Jamal DaneshEar Paige Danford Seth Daniel Andy Darne Stephen Darwent John Daugherty Jr. Felipe Davalos John Davenport Keely Davenport Mark Davidovich Derek Davidson Steve Davidson William Davidson Bart Davis Bennett Davis Beverly Davis Bradley Davis Brian Davis Collette Davis Dustin W. Davis Felicha Davis Jason Davis John W. Davis Kim Davis Kristin Davis Megan Davis Michael Davis II Scott Davis Sestie Davis Tad Davis Tyler Davis Bryan Davison Danny Davisson II Brett Dawkins Sarah Daws Monica Dav Roger Day Trey Day III Eric Dean Greg Dean John Debruin Benav Deckard Jameson Deen Barry Dees Derek Dehovos **Timothy Delaney** James Delaucier Mike Delauder Heather Demarest Angela Demosev Joshua Desko Joshua Deville Kyle Deville Jack Dewbre Ismothy DeHaan Timothy DeKinder Walt DeLap II Stacey DeLaune Edward DeLaO Bronson DeFeeuw Iom DeMann Sean DePriest Lance DeSpain Kyle DeVoe Gary De Los Santos Anthony De Los Santos Nicole De Luna Sandra Dias Ben Dickason Jeff Dietert Ashlee Dieu Daniel Diffey John Dili Eddie Dillard Michael Dinelli Robert Diosdado Hilary Dittman Belinda Dixon **Joel Dixon** Amy DiMaria Taiz DiRienzo Jason Doan Bob Dobkin Christopher Dockery Peter Borigen Charlie Doleza Jaciynn Dollins

Brian Dombroski Beth Donaldson Wayne Donaldson Matt Donley Brian Donovan Thomas Donovan Dewey Dooley II Matt Doporto Joe Doran Stuart Doss Jeff Dotson Cord Doucet Rvan Doud Scott Doud Cole Dougherty Sarah Douthitt John Dowdell Eric Dowell Ashley Dovle Kathy Doyon Aaron Drabnis Luis Dragustinovis Kristina Drawbridge Michael Driscoll Jason Driver Dana Drury Michael Dube Benjamin Duckworth Ronnie Dudgeon II Eric Dudley Amy Dugan Dug Dugan Bernard Duke Dave Duke Ernest Duke James Duke Jeff Dukes Cameron Dullea David Duncan James Duncan Chelsea Dunlap Larry Dunlap Craig Dunn Michael Dunn Woody Dupre Joe Durham Robert Durham Jessica Durrett Allison Dvorak **Cindy Dykes** Jude Dysart Richard Eads Stephanie Eagle Cody Eakle Mark Fari Reed Early Brian Earnest Zach Eastham Garry Eastwood Joshua Eaton Jose Echavarria **Dustin Eck** lason £ddy Wesley Eddy Chance Edge Dave Edgmon Lanese Edmond Mandy Edmonds Michael Edmonds Chad Edmondson Cody Edwards Eric R. Edwards Johnson Edwards Jonathan Edwards Mike Edwards Samantha Edwards Seth Edwards Wyatt Edwards Angela Eicholz Darius Ekhtiar Tim Ekland Rania Elghaz Mario Elizondo Trev Elfers Brad Elliott Michael Emanis Jerry Embrey Michael Embrey Kevin Emfinder Roger Emmelhainz

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Adam Eppes

Derrick Erb

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Dennis Espy

Kirk Estes

Martin Etem

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Roy Evans

Steve Evans

Kristin Ewert

Justin Ezell

Stacy Ezell

Eric Ezzolo

**Ricky Farmer** 

Jon Fason

**Dwight Faux** 

tori Felder

Abraham Felix

William Feltnei

Alex Fennema

**David Fenton** 

Rvan Fenton

James Ferguson

Kevin Ferguson

Neeley Ferguson

Heather Ferrin

frevor Fessler

Bobby Ficco

Clara Fidalgo

Shelby Fidler

Daniel Fieker

Jon Filbert

**Clint Filson** 

Mark Fimple

Lawrence Finch

Isaac Finkbeiner

Jeremy Finkbeiner

Lezli Finsterwald

Nick Eischietto

Angela Fisher

Charles Fisher

Jeremy Fisher Robert Fisher

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lason Flaherty

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Frankie Flores

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Pete Foradori Jr.

Ashley Ford

Darren Ford

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Gary Fordyce Jr.

Elwood Foreman Jr.

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Jed Foley

Clay Fisher

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Kenneth Gentry Chris George Jerry George II Brian Gibbs John Gibbs III Lane Gibbs Chris Gibsor Hayley Gibson J.D. Giddens Tricia Giffin Matt Gilbert Larry Gillespie Jr. Matthew Gilliam Charles Gillis Iracy Givens David Gladwin lames Glass Christina Glaviano Davis Gleason Ronnie Glenewinkel Henry Glenn Jeff S. Glenn Sally Glenn Scott Glenn Wilbert Glover III Spencer Goad Allison Gocke Ryan Goddard Ion Godsv Dana Goe Josh Goforth Kandy Golden Derrick Goldston Dustin Goldston Mario Gomez George Gonzales Sam Gonzales David Gonzalez Fabian Gonzalez Jose Gonzalez Ray Good II Pat Goodman Daniel Goodwin Andrew Gooshaw Bryan Gordor Daniel Gordon David Gore Ronnie Gore Nick Goree Thomas Goslin Travis Gosnell Adam Gospodarek Steven Gosvener Brandy Gottschall Richard Gowan Jr JC Goza Evelyn Grace Carlos Gracian Alicia Graham Dana Grant Dusy Grant David Grapusa Jr. Dusty Graves Jon Graves Joseph Graves Gavin Grav Jim Grav Jon Gray Eric Greathouse John Greathouse Geoff Green leff Green John Green Justin Green Lucas Green Michael Green Randy Green Ronald Green II Silas Green Jane Greene Mike Greenough Jennifer Green-Pongrattanaman Jason Greer Kyle Gregor Regina Gregory Chris Grewell Mark Gribbin Ryan Griffin Janelle Griffis

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Aquiles Olvera

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Adam Oman

Lisa Ooten

Lynn Orreil

Alix Orza

Sandra Opaika

Carmen Orosco

loseph Orsburn

Jeffrey Osborn

Scott Ösborn

Edward Osmus

Benjamin Ott

Richard Otto

Noelle Otwell

John Ousley

Meagan Owen

Robby Owen

Ernie Owens

Katy Owens

Jeremy Owens

Nathan Owens

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David Ownbey

Eric O'Dell

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Joseph Raynes Justin Raynoi William Reather Jr. Bill Redding Jr. Andrew Redman James Redwine III Jesse Redwine Faron Reed James L. Reed James W. Reed Louis Reed

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lames Pratt

Justin Pratt

Kathi Pratt

Monte Pratt

Jason Price

Tim Prince

Lara Prasayasitl

Reggie Pratcher

Rhone Prather

Michael Robinson Rebecca Robinson Susan Robinson Tara Robinsor DeWayne Robison Russell Robison Taylor Robison Tiaden Roblin Frank Rocchio Olga Rocha Randy Rodeheaver



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Drew Russell Jake Russell John Russell Jr Matthew Russell Michelle Russell Ricky Russell John Rutan Tony Rutigliano Britanni Rutledge Malcoim Rutledge Tyson Rutledge Chase Ryan Dennis Ryans Derek Rylant Jaime Saenz Javier Saenz RJSaladin Eduardo Saldana Ramses Salinas Tobie Salisbury Sonny Samaniego Jamie Sampson Stuart Sampson Eli Sanchez Jose Sanchez Laura Sanchez **Roland Sanders** Terry Sanders Noble Sandlin III Buvana Sankaranarayanan Justin Sanner John Sansing James Santello Ramon Santos Willy Santos III David San Miquel Will Satterfield Bobby Saucedo Brandon Saunders Maggie Savoie Gbenga Sawyerr Sareenah Sayall leff Scarboro Pat Scarborough Danielle Schaad Matt Schaefer Zack Schaffer Gary Schellenger Mark Schemm Andrew Schlosser Shelby Schluchter Jessie Schmac Angela Schmidt Steve Schmidt Jr Cory Schneberger Meredith Schneberger Rob Schneider Scott Schoener Jeff Schoonover Jessie Schott Gary Schrader Steven Schrader Ir Brandon Schreck Joseph Schulker II Doug Schultz Trevor Schultz Chris Schumacher Sarah Schuster Britni Schwarz Chris Schwarz Kevin Schwind Colby Scifres **Richard Scipione** Bill Scott Chris Scott James Scott Mark Scott Matt Scott **Richelle Scrivner** Jeff Seal Charlie Sebesta Gabe Seeley Tim Seeley James Seidel Joe Seiter Gregory Selan Anthony Selbe Jeffery Self Travis Selman

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Marlena Terrana Carlos Terrazas Frederick Terrell Adam Terry Jacob Terry Melanie Terry Rick Thacker Brittany Thomas Christopher Thomas Danny Thomas lim Thomas Josh Thomas Kimberly Thomas Levi Thomas Todd Thomas **Travis Thomas Ben Thompson** Brad Thompson Cameron R. Thompson Chase Thompson Gavin Thompson Holly Thompson lack Thomoson III Jeff D. Thompson Joe Thompson Kim Thompson Nathan Thompson Paul Thompson Richard G. Thompson Robbie Thompson Ronald Thompson II Robert Thoms Ken Thorne Joey Thornton Scott Throckmorton Scott Tidwell Todd Tidwell Justin Tikhonoff Todd Tilford Vernon Tillery Jr. Allen Timmons Aubrey Timmons Michael Tinline Allen Tinslev Lou Tinucci Jesse Tippitt Brent Tipton Vearl Tolbert Jr. David Tollison John M. Tomascik Jr. John M. Tomascik III Angel Torres Antonio Torres Rolando Torres Angelo Torrey Lin Toyar Darren Townley Bill Townson Jr. Scotty Trahan Stephen Trahan Jamye Trammell Tyler Trammell Andy Travis James Travis Nick Traylor Corey Treadway Thomas Treece Eddie Trevino iuan Trevino Victor Trigo Paul Trimble Aaron Tripi Brandon Triplett Joshua Triplett Stephen Trosclaii **Billy Trout** Cortney Trumbly Brian Tschider Valerie Tubbs Kody Tucker Alan Tullius Zack Turlington Brian Turner Donald Turner Eric Turner Heather Turner Michele Turner Nicole Turner Patricia Turnei Todd Jurner

Joe Turpin Skyler Tuter **Richard Tuttle** Zachary Twist David Tyree Brooke Upruh Felix Urbina Melissa Vahlberg Georgi Vajarov Max Vangieson Frank Van Alstyne III George Van Deusen Caleb Van Dolah Tom Van Kirk David Van Winkle Rubenia Vasquez Mellisa Vasquez Cancino David Vassar Robert Vaughn Amber Vawter Jenifer Veach Corey Veer Rafael Vela Ricardo Vela Jr. Gary Velardo Maria Velez Timothy Venable Raymond E. Verhoeven Pete Vermillion Chris Verner Chuck Vessey In James Vest Kate Via Mike Viator John Vick Jr. Danny Vickery Coral Viezcas Jose Villalobos Orlando Villarreal Brad Vinsek Derek Vinyard Allyson Vistica John Voda Larry Vogel Robert Vogelgesang Nathan Voorhees Jason Voreis Kenneth Wade Nikki Wade Rob Wade Brad Waggonei Robert Wagner Rich Wagoner Brent Waidmann Dennis Walden Todd Waldron Michael Wales Billy Walker Britt Walker Douglas Walker Floyd Walker Greg Walker Jason Walker lulie Walker Mitch Walker Rvan Walker Chris Walla Deborah Wallace Joshua Wallace Lindsey Wallace Nolan Wallace James Walley Doyle Walls Henry Walston Bret Walters **Clinton Walton** Brooke Waltric Donald Wamsley II David Wanzer Dallas Warburton Tracy Wardlow Milton Ware Acea Warn Sherry Warner Cody Warren Jeffery Waters Kimberly Watkins Scott Watkins Jesse Watson Carl Watt

Michael Watts Nathan Watts Lacy Waugh Joshua Wavchoff Tony Waychoff Jr Juan Weatherton Audrey Weaver Brian Weaver Derrick Weaver **Dustin Weaver** Matthew Weaver Pat Weaver Ross Weaver Kathy Weeks Collin Weibel Marissa Weichbrodt Dan Weinmeister Lauren Weir Cody Weisinger James Welch Michael D. Welch Ashley Wells Daniel Wells Laura Wells Shelli Wells Jason Welty Todd Wenrich Garin Wente Timothy Wescott Tony Wesolick Eric West Kelly West Josh Westbrook Larry Westbrook Daniel Westcott Adam Westerman Jenae Whatley Robert Whatley Andy Wheat Kip Wheeler Clarence Whipkey Rob Whipp Leo Whitaker Chris C. White Chris D. White Haver White Jonathan White Lindsey White Micheal White Randali White II Tamela White Tony White Tyler White William White III John Whited Taryn Whitefield Andrew Whiteneck John Whitesell Whitney Whitlow Julie Whitmore Derek Whitten Katie Whittern Scott Whytsel Karl Wickman Ryan Wieder Andrew Wiggins John Wiggins Robert Wiggins Randy Wilde Jr. Jason Wiley Kristen Wiley Aaron Wilfong IR Wilhoit Jr Skylar Wilhoit Heath Wilkerson Jason Wilkins Nichlos Wilkinson Roberto Willars II Tyler Willey Brian D. Williams Brooke Williams Cameron Williams Cody L. Williams Daniel Williams **David Williams** Eddie Williams Eric Williams Fariba Williams Glenn Williams Jason B. Williams

Lesley Williams Lisa Williams Melissa Williams Michael Williams Phillip Williams Rod Williams Sonji Williams Timothy Williams Tyler Williams Wayne Williams Walt Willoughby Betina Wills Alan L. Wilson Brandon Wilson Candace Wilson **Cilff Wilson** Cody Wilson Eric Wilson Ernie Wilson Jeremy Wilson John Wilson Marcus Wilson Michele Wilson Misty Wilson Terry Wilson Rayna Wiltz Rita Winn-Lott John Winzeler William Wirth Jr. Nicole Wise Stephen Wisecarver Jr. George Wittrock Kevin Wolf Micah Wolter Nathan Wood Rohin Wood Terianne Wood Alicia Woodring Scott Woodruff Shane Woods Benjamin Wooten Brvan Work Chad Workman Janie Worsham Phillip Worsham Matthew Wragge David Wright Jr Jake Wright Jeff Wright Jerod Wright John V. Wright Katie Wright Krystal Wright Fred Wrisley Lindsey Wyatt Jonathan Wynn Jake Wynne . Cathie Wythe Dominick Wytovich Brad Yanchuk Jessie Yankey Tanva Yanney Bea Yates Boyd Yates Michael Yates Sloan Yates Jason Yeager Mark Yeager David Yearv Bryan Yeasted Colin Yocum Christopher Yoder Marty Yoho Jeremy Youells Jeffrey Youells Jr. Ashley Young David Young Jeffrey Young Mike Young Steve Young Tony Younker Joshua Zabler Paula Zambrano Jeff Zanotti Chad Zickefoose Carlene Zuech Bill Zurn Arthur Zwierlein Kade Zybach

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# UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

# **FORM 10-K**

[X] Annual Report pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934 110 For the Fiscal Year Ended December 31, 2010

[] Transition Report pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

For the transition period from to

Commission File No. 1-13726

## Chesapeake Energy Corporation

(Exact name of registrant as specified in its charter)

Oklahoma

73-1395733 (I.R.S. Employer Identification No.)

73118

(Zip Code)

(State or other jurisdiction of incorporation or organization)

6100 North Western Avenue Oklahoma City, Oklahoma

(Address of principal executive offices)

(405) 848-8000

(Registrant's telephone number, including area code)

## Securities registered pursuant to Section 12(b) of the Act:

#### **Title of Each Class**

| Title of Each Class                                | Name of Each Exchange on Which Registered |
|--|---|
| Common Stock, par value \$0.01                     | New York Stock Exchange                   |
| 7.625% Senior Notes due 2013                       | New York Stock Exchange                   |
| 9.5% Senior Notes due 2015                         | New York Stock Exchange                   |
| 6.25% Senior Notes due 2017                        | New York Stock Exchange                   |
| 6.5% Senior Notes due 2017                         | New York Stock Exchange                   |
| 6.875% Senior Notes due 2018                       | New York Stock Exchange                   |
| 7.25% Senior Notes due 2018                        | New York Stock Exchange                   |
| 6.625% Senior Notes due 2020                       | New York Stock Exchange                   |
| 6.875% Senior Notes due 2020                       | New York Stock Exchange                   |
| 6.125% Senior Notes due 2021                       | New York Stock Exchange                   |
| 2.75% Contingent Convertible Senior Notes due 2035 | New York Stock Exchange                   |
| 2.5% Contingent Convertible Senior Notes due 2037  | New York Stock Exchange                   |
| 2.25% Contingent Convertible Senior Notes due 2038 | New York Stock Exchange                   |
| 4.5% Cumulative Convertible Preferred Stock        | New York Stock Exchange                   |

#### Securities registered pursuant to Section 12(g) of the Act:

None

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. YES [X] NO []

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Exchange Act. YES [] NO [X]

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. YES [X] NO []

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§ 232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). YES [X] NO [ ]

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein, and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K. []

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer. or a smaller reporting company. See the definitions of "large accelerated filer", "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

Large Accelerated Filer [X] Accelerated Filer [] Non-accelerated Filer [] Smaller Reporting Company []

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). YES [] NO [X]

The aggregate market value of our common stock held by non-affiliates on June 30, 2010 was approximately \$13.6 billion. At February 18, 2011, there were 657,634,451 shares of our \$0.01 par value common stock outstanding.

#### DOCUMENTS INCORPORATED BY REFERENCE

Portions of the proxy statement for the 2011 Annual Meeting of Shareholders are incorporated by reference in Part III.

Washington, DC

# CHESAPEAKE ENERGY CORPORATION AND SUBSIDIARIES 2010 ANNUAL REPORT ON FORM 10-K TABLE OF CONTENTS

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#### **ITEM 1.** Business

#### **Our Business**

We are the second-largest producer of natural gas and a top 20 producer of oil and natural gas liquids in the U.S. We own interests in approximately 46,000 producing natural gas and oil wells that are currently producing approximately 3.0 billion cubic feet of natural gas equivalent (bcfe) per day, 87% of which is natural gas. Our strategy is focused on discovering and developing unconventional natural gas and oil fields onshore in the U.S., primarily in the Barnett Shale in the Fort Worth Basin of north-central Texas, the Haynesville and Bossier Shales in northwestern Louisiana and East Texas, the Fayetteville Shale in the Arkoma Basin of central Arkansas and the Marcellus Shale in the northern Appalachian Basin of West Virginia and Pennsylvania. We also have substantial operations in the liquids-rich plays of the Eagle Ford Shale in South Texas, the Granite Wash, Cleveland, Tonkawa and Mississippian plays in the Anadarko Basin in western Oklahoma and the Texas Panhandle, the Niobrara Shale, Frontier and Codell plays in the Powder River and Denver Julesburg (DJ) Basins of Wyoming and Colorado and the Avalon, Bone Spring, Wolfcamp and Wolfberry plays in the Permian and Delaware Basins of West Texas and southern New Mexico, as well as various other plays, both conventional and unconventional, in the Mid-Continent, Williston Basin, Appalachian Basin, South Texas, Texas Gulf Coast and Ark-La-Tex regions of the U.S. We have also vertically integrated our operations and own substantial midstream, compression, drilling and oilfield service assets.

We have been developing expertise in horizontal drilling technology since shortly after our inception in 1989 and focused almost exclusively on developing natural gas properties in the U.S. from 2000 to 2008. We were one of the first companies to recognize the potential of horizontal drilling in unconventional natural gas reservoirs, especially shales, in the U.S. during the early part of the prior decade. During the past five years, we have grown from the sixth-largest natural gas producer in the U.S. to the second-largest natural gas producer, in large part as a result of our success in finding and developing unconventional natural gas assets.

In 2010, we announced that we were extending our strategy to apply the geoscientific and horizontal drilling expertise we had developed in our unconventional natural gas plays to unconventional liquids-rich reservoirs. Our goal is to reach a balanced mix of natural gas and liquids revenue as quickly as possible through organic drilling. In 2010, we invested approximately \$4.7 billion, net of divestitures, primarily in liquids-rich acreage to provide the foundation for this shift towards more profitable plays. This transition is already apparent in the mix of wells we are drilling. In 2010, approximately 30% of our drilling and completion capital expenditures were allocated to liquids-rich plays, compared to 10% in 2009 and a projected 50% in 2011 and 75% in 2012. Our production of oil and natural gas liquids was 50,397 barrels (bbls) per day during 2010, a 56% increase over the average for 2009, as a result of the increased development of our unconventional liquids-rich plays. As of December 31, 2010, the company held approximately 4.3 million net leasehold acres in unconventional liquids-rich plays.

During 2010, our estimated proved reserves grew from 14.254 trillion cubic feet of natural gas equivalent (tcfe) to 17.096 tcfe, of which 90% was natural gas, 53% was proved developed and 100% was onshore in the U.S. We replaced our 1.035 tcfe of 2010 production with an estimated 3.877 tcfe of new proved reserves for a reserve replacement rate of 375%. The 2010 proved reserve movement included 5.098 tcfe of extensions, 0.006 tcfe of downward performance revisions and 0.189 tcfe of positive revisions resulting from an increase in the twelve-month trailing average natural gas and oil prices between December 31, 2009 and December 31, 2010. During 2010, we acquired 0.089 tcfe of estimated proved reserves and divested 1.493 tcfe of estimated proved reserves.

Chesapeake continued the industry's most active drilling program in 2010 and drilled 1,445 gross (938 net) operated wells and participated in another 1,586 gross (211 net) wells operated by other companies. The company's drilling success rate was 98% for both company-operated and non-operated wells. Also during 2010, we invested \$4.6 billion in operated wells (using an average of 131 operated rigs) and \$815 million in non-operated wells (using an average of 123 non-operated rigs) for total drilling and completion costs of \$5.4 billion, net of drilling and completion carries of \$1.2 billion.

Daily production for 2010 averaged 2.836 bcfe, an increase of 355 million cubic feet of natural gas equivalent (mmcfe) or 14%, over the 2.481 bcfe of daily production for 2009 and consisted of 2.534 billion cubic feet of natural gas (bcf) (89% on a natural gas equivalent basis) and 50,397 bbls (11% on a natural gas equivalent basis). This was our 21st consecutive year of sequential production growth.

## Industry Participation Agreements

During the past few years, we have entered into five significant industry participation agreements (popularly referred to as "joint ventures" or "JVs") that monetized a portion of our investment in five of our unconventional natural gas and oil plays and provided drilling and completion carries for our retained interests. The following table provides information about our industry participation agreements as of December 31, 2010:

| Shale<br>Play           | Industry<br>Participation<br>Agreement<br>Partner <sup>(a)</sup> | Industry Participation<br>Agreement<br>Date | Pro<br>Re | Cash<br>oceeds<br>ceived<br>Closing | D      | Total<br>rilling<br>arries | С     | rilling<br>arries<br>naining |
|-------------------------|--|---|-----------|-------------------------------------|--------|----------------------------|-------|------------------------------|
|                         |  |   |           |                                     | (\$ in | millions                   | ;)    |                              |
| Haynesville and Bossier | PXP  | July 2008                                   | \$        | 1,650                               | \$     | 1,508(                     | oj \$ |                              |
| Fayetteville            | BP   | September 2008                              |           | 1,100                               |        | 800                        |       |                              |
| Marcellus               | STO  | November 2008                               |           | 1,250                               |        | 2,125                      |       | 1,362                        |
| Barnett                 | TOT  | January 2010                                |           | 800                                 |        | 1,450                      |       | 889                          |
| Eagle Ford              | CNOOC  | November 2010                               |           | 1,120                               |        | 1,080                      |       | 1,030                        |
| -                       |  |   | \$        | 5,920                               | \$     | 6,963                      | \$    | 3,281                        |

(a) Industry participation agreement partners include Plains Exploration & Production Company (PXP), BP America (BP), Statoil (STO), Total S.A. (TOT) and CNOOC Limited (CNOOC).

(b) In September 2009, PXP accelerated the payment of its remaining carries in exchange for an approximate 12% reduction to the remaining drilling carry obligations due to Chesapeake at that time.

In these five industry participation agreements, we received upfront cash payments of approximately \$5.9 billion and future drilling cost carries of almost \$7.0 billion for total consideration of \$12.9 billion compared to our original cost of approximately \$3.1 billion of the assets we sold. Moreover, Chesapeake retained an 80% interest in the Haynesville and Bossier Shale properties, a 75% interest in the Fayetteville Shale properties, a 67.5% interest in the Marcellus Shale properties, a 75% interest in the Barnett Shale properties and a 66.7% interest in the Eagle Ford Shale properties. Each of our industry participation partners has the right to participate proportionately with us in any additional leasehold we acquire in our respective industry participation agreement, as described under *Recent Developments – Niobrara Industry Participation Agreement* below.

## Chesapeake Midstream Partners, L.P.

On August 3, 2010, Chesapeake Midstream Partners, L.P. (NYSE: CHKM), which we and Global Infrastructure Partners (GIP), a New York-based private equity fund, formed to own, operate, develop and acquire midstream assets, completed an initial public offering of common units representing limited partner interests and received net proceeds of approximately \$475 million. In connection with the closing of the offering and pursuant to the terms of our contribution agreement with GIP, CHKM distributed to GIP the approximate \$62 million of net proceeds from the exercise of the offering over-allotment option, and Chesapeake and GIP contributed the interests of their midstream joint venture's operating subsidiary to CHKM. Chesapeake and GIP hold 42.3% and 40.0%, respectively, of all outstanding limited partner interests, and Chesapeake and GIP each have a 50% interest in the general partner of CHKM. CHKM makes quarterly distributions to its partners, and at the current annual rate of \$1.35 per unit, Chesapeake receives quarterly distributions of approximately \$20 million in respect of its limited partner and general partner interests. On December 21, 2010, we sold our Springridge natural gas gathering system and related facilities in the Haynesville Shale to CHKM for \$500 million and entered into ten-year gathering and compression agreements with CHKM.

#### Information About Us

Our principal executive offices are located at 6100 North Western Avenue, Oklahoma City, Oklahoma 73118 and our main telephone number at that location is (405) 848-8000. We make available free of charge on our website at *www.chk.com* our annual reports on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K, and amendments to those reports as soon as reasonably practicable after we electronically file such material with, or furnish it to, the Securities and Exchange Commission. From time to time, we also post announcements, updates, events, investor information and presentations on our website in addition to copies of all recent press releases. References to "us", "we" and "our" in this report refer to Chesapeake Energy Corporation together with its subsidiaries.

#### **Recent Developments**

#### 25/25 Plan

In January 2011, we updated our strategic and financial plan originally announced in May 2010 with our "25/25 Plan". The 25/25 Plan details our intention to reduce our outstanding long-term indebtedness of \$13.4 billion by 25% by the end of 2012 and to reduce our planned two-year net production growth rate to 25% from the previous target range of 30% to 40%. The reduction in our projected production growth rate will be achieved by various asset monetizations that we plan to execute during the next two years, including our Fayetteville Shale and Niobrara Shale divestitures described below.

#### Senior Notes Offering

On February 11, 2011, we issued \$1.0 billion of 6.125% Senior Notes due 2021. We used the net proceeds of \$977 million from the offering to repay indebtedness outstanding under our revolving bank credit facility. The offering is a part of our 2011 liability management program, which includes extending the maturity profile of our outstanding indebtedness while also retiring approximately \$2.0 to \$3.0 billion of our shorter-dated senior notes as part of our 25/25 Plan.

#### Fayetteville Shale, Frac Tech Holdings, LLC and Chaparral Energy, Inc. Asset Monetizations

On February 21, 2011, we entered into an agreement with BHP Billiton Petroleum, a wholly owned subsidiary of BHP Billiton Limited (NYSE: BHP; ASX: BHP), to sell all of our Fayetteville Shale assets, including approximately 487,000 net acres of leasehold and producing natural gas properties and midstream assets with approximately 420 miles of pipeline, for \$4.75 billion in cash before certain deductions and standard closing adjustments. In the Fayetteville Shale, we are the second-largest producer of natural gas with current net production of approximately 415 mmcfe per day. Estimated proved reserves attributable to the Fayetteville Shale as of December 31, 2010 were 2.4 tcfe, or approximately 14% of our total proved reserves. As part of the transaction, we have agreed to provide essential services for up to one year for BHP Billiton for an agreed-upon fee. Closing of the transaction is subject to customary conditions, including filings under the Hart-Scott-Rodino Antitrust Improvements Act of 1976 and with the Committee on Foreign Investment in the United States. Closing is expected to occur in the first half of 2011. In addition, we have commenced efforts to monetize our equity investments in Frac Tech Holdings, LLC and Chaparral Energy, Inc. We own a 25.8% equity interest in Frac Tech and a 20.0% equity interest in Chaparral. These sales are subject to changes in market conditions and other factors, and there can be no assurance that we will complete either or both of these transactions on a timely basis or at all.

#### Niobrara Industry Participation Agreement

On February 16, 2011, we entered into an industry participation agreement with a wholly owned U.S. subsidiary of CNOOC Limited (CNOOC) to develop our Niobrara Shale play in the DJ and Powder River Basins in northeast Colorado and southeast Wyoming. Under the terms of the industry participation agreement, CNOOC acquired a 33.3% undivided interest in approximately 800,000 net acres of our leasehold. We received \$570 million in cash at closing, and CNOOC has agreed to fund 66.7% of our share of drilling and completion costs until an additional \$697 million has been paid, which we expect to occur by year-end 2014. In addition, CNOOC has the right to a 33.3% participation in any additional leasehold we acquire in the area at cost plus a fee.

#### **Business Strategy**

Since our inception in 1989, Chesapeake's goal has been to create value for investors by building one of the largest onshore resource bases in the U.S. by focusing our technical and land acquisition skills on developing unconventional resource plays onshore in the U.S. From 2000 through 2008, our focus was on finding and developing natural gas resource plays. In the past two years, our focus has shifted to finding and developing plays with oil and natural gas liquids (NGL) since oil and NGLs are more highly valued in the U.S. than natural gas and technological and knowledge advances have enabled us to pursue these new plays more economically. Key elements of this business strategy are further explained below.

Grow Through the Drillbit. We believe that our most distinctive characteristic is our commitment and ability to grow production and reserves organically through the drillbit in areas with large unconventional accumulations of natural gas, oil and NGLs. We are currently utilizing 157 operated drilling rigs and 106 non-operated drilling rigs to conduct the most active drilling program in the U.S. We are active in most of the nation's major unconventional plays, where we drill more horizontal wells than any other company in the industry. For many years, we have been actively investing large amounts of capital in leasehold. 3-D seismic information and human resources to take full advantage of our capacity to grow through the drillbit. We are one of the few large-cap independent natural gas and oil companies that have been able to consistently increase production, which we have successfully achieved for 21 consecutive years. We believe the key elements of the success and scale of our drilling programs have been our recognition earlier than most of our competitors that new horizontal drilling and completion techniques would enable development of previously uneconomic natural gas and oil reservoirs and that, as a consequence, various shale and other unconventional formations could be recognized and developed as potentially prolific reservoirs rather than just as source rocks for conventional reservoirs. In response to our early recognition of these trends, we have proactively hired thousands of new employees and have built what we believe is the largest combined inventory of onshore leasehold and 3-D seismic in the U.S. These are the building blocks of our successful large-scale drilling program and the foundation of value creation for our company.

Control Substantial Land and Drilling Location Inventories. After we identified the trends discussed above, we initiated a plan to build and maintain the largest inventory of onshore drilling opportunities in the U.S. Recognizing that better horizontal drilling and completion technologies, when applied to various new unconventional plays, would likely create a unique opportunity to capture decades worth of drilling opportunities, we embarked on an aggressive lease acquisition program, which we have referred to as the "gas shale land grab" of 2006 through 2008 and the "unconventional oil land grab" of 2009 and 2010. We believed that the winner of these land grabs would enjoy competitive advantages for decades to come as other companies would be locked out of the best new unconventional resource plays in the U.S. We believe that we have executed our land acquisition strategy with particular distinction. At December 31, 2010, we held approximately 13.2 million net acres of onshore leasehold in the U.S. and have identified approximately 38,000 drilling opportunities on this leasehold. We believe this extensive backlog of drilling, more than ten years worth at current drilling levels, provides unmistakable evidence of our future growth capabilities. We further believe that the majority of the U.S.-based land acquisition phase is now complete and are forecasting to spend significantly less on new leasehold in the coming periods as compared to recent years.

Develop Proprietary Technological Advantages. In addition to our industry-leading leasehold position, we have developed a number of proprietary technological advantages. First, we have acquired what we believe is the nation's largest inventory of three-dimensional (3-D) seismic information. Possessing this 3-D seismic data enables us to image reservoirs of natural gas and oil that might otherwise remain undiscovered and to drill our horizontal wells more accurately inside the targeted formation and avoid various underground geohazards such as faults and karsts. In addition, we have developed an industry-leading information-gathering program that gives us insight into new plays and competitor activity. As a result of our initiatives, we now produce approximately 5% of the nation's natural gas and oil, drill approximately 9% of its wells and participate in almost an equal number of wells drilled by others. By gathering this information on a real-time basis, then quickly assimilating and analyzing the information, we are able to react quickly to opportunities that are created through our drilling program and those of our competitors. Furthermore, we have established a unique state-of-the-art Reservoir Technology Center (RTC) in Oklahoma City. The RTC enables us to more quickly, accurately and confidentially analyze core data from wells drilled through unconventional formations on a proprietary basis, then identify new plays and leasing opportunities ahead of our competition and reduce the likelihood of investing in plays that ultimately are not commercial. It also allows us to design fracture stimulation procedures that might work most productively in the unconventional formations that we target.

Build Operating Focus and Scale. We believe one of the keys to success in the U.S. exploration and production industry is to build significant operating scale in areas that share many similar geological and operational characteristics. Achieving such scale provides many benefits, including superior geoscientific and engineering information, higher per unit revenues, lower per unit operating costs, greater rates of drilling success, higher returns from more easily integrated acquisitions and higher returns on drilling investments. By focusing most of our future activities in virtually all of the nation's major unconventional resource plays and avoiding investing offshore and internationally, we will continue to achieve the significant benefits of focus and scale.

Focus on Low Costs and Vertical Integration. By minimizing lease operating costs and general and administrative expenses through focused activities, vertical integration and increasing scale, we have been able to deliver attractive profit margins and financial returns through all phases of the commodity price cycle. We believe our low cost structure is the result of management's effective cost-control programs, a high-quality asset base and extensive access to oilfield services and to natural gas processing and transportation infrastructures that exist in our key operating areas. In addition, to control costs and service provider quality, we have made significant investments in our drilling rig, compression and trucking service operations and in our midstream gathering operations that create substantial benefits from vertical integration. In 2011 and 2012, we also intend to make significant investments in building our capability to hydraulically fracture our wells. As of December 31, 2010, we operated approximately 26,000 of our 46,000 wells, which delivered approximately 80% of our daily production volume. This large percentage of operated properties provides us with a high degree of operational flexibility and cost control.

*Mitigate Natural Gas and Oil Price Risk.* We have used and intend to continue using hedging programs to mitigate the risks inherent in developing and producing natural gas and oil reserves, commodities that are often subject to significant price volatility. We intend to use this volatility to our benefit by taking advantage of prices when they reach levels that management believes are either unsustainable for the long term or provide unusually high rates of return on our invested capital. Assuming future NYMEX natural gas settlement prices average \$4.50 per mcf for 2011, and including the effect of the company's open derivatives as of February 22, 2011, closed contracts and previously collected call premiums, the company estimates its average natural gas price will be \$5.98 per mcf for 2011. This estimate does not include the effect of basis differentials and gathering costs.

Form Value-Creating Industry Participation Agreements. Since 2008, the company has entered into six significant industry participation agreements. Through these agreements, the company has collaborated with other leading energy companies to accelerate the development of the company's properties in the Haynesville and Bossier Shales, the Fayetteville Shale, the Marcellus Shale, the Barnett Shale, the Eagle Ford Shale and the Niobrara Shale. Including the Niobrara agreement, which we entered into on February 16, 2011, we have sold leasehold and producing property assets with an original cost to us of approximately \$3.4 billion to our partners for \$6.5 billion of total cash consideration and \$7.7 billion of drilling cost carries while retaining a majority interest in each play. The remaining drilling cost carries of approximately \$4.0 billion (including the Niobrara industry participation agreement), as of December 31, 2010, will be extremely valuable in the years ahead by enabling the company to develop reserves in these unconventional plays at greatly reduced costs. We are also considering opportunities for additional industry participation agreements to develop certain of our other properties. Additionally, in 2009 we formed a joint venture with GIP for certain of our midstream assets in the Barnett Shale and Mid Continent. We and GIP have since sold a portion of the equity in this venture to the public through a master limited partnership, Chesapeake Midstream Partners, L.P.

Maintain an Entrepreneurial Culture. Chesapeake was formed in 1989 with an initial capitalization of \$50,000 and fewer than ten employees. We completed our initial public offering of common stock in early 1993 and subsequent to those early corporate milestones, our management team has guided the company through various operational and industry challenges and opportunities and extremes of natural gas and oil prices to create the nation's second-largest producer of natural gas, a top 20 producer of oil and natural gas liquids, the most active driller of new wells and an employer of approximately 10,000 people and an indirect employer of tens of thousands more. The company takes pride in its innovative and aggressive implementation of its business strategy and strives to be as entrepreneurial today as it has been in its past. We have maintained an unusually flat organizational structure as we have grown to help ensure that important information travels rapidly through the company and decisions are made and implemented quickly.

Improve our Balance Sheet. Our 2011 strategic and financial plan calls for a 25% reduction in our longterm debt while growing net natural gas and oil production by 25% by the end of 2012. We believe this reduction of our debt and continued growth in our asset base will lead to our long-term debt to reserves ratio (long-term debt net of cash divided by our estimated proved reserves) decreasing to less than \$0.50 per mcfe at year-end 2012 compared to \$0.73 per mcfe at year-end 2010. We believe the reduction in our debt will lower our borrowing costs, increase our financial flexibility and increase our stock market valuation. Additionally, we believe our improved credit metrics described above will lead to a more favorable debt rating by the major ratings agencies.

#### **Operating Areas**

Chesapeake focuses its exploration, development, acquisition and production efforts in the nine operating areas described below.

*Mid-Continent (principally the Anadarko Basin).* Chesapeake's Mid-Continent proved reserves of 4.867 tcfe represented 28% of our total proved reserves as of December 31, 2010. During 2010, this area produced 316 bcfe, or 31%, of our 2010 production, and we invested approximately \$1.1 billion to drill 596 (212 net) wells in the Mid-Continent. For 2011, we anticipate spending approximately \$1.7 billion, or 33% of our total budget, for exploration and development activities in the Mid-Continent region, with a continuing focus on the Granite Wash and an increasing focus on the Tonkawa, Cleveland and Mississippian liquids-rich unconventional plays.

*Haynesville Shale (including the Bossier Shale).* Chesapeake's Haynesville Shale proved reserves represented 3.583 tcfe, or 21%, of our total proved reserves as of December 31, 2010. During 2010, the Haynesville Shale assets produced 239 bcfe, or 23%, of our total production, and we invested approximately \$2.0 billion to drill 500 (202 net) wells in the Haynesville Shale. For 2011, we anticipate spending approximately \$1.65 billion, or 32% of our total budget, for exploration and development activities in the Haynesville Shale.

*Barnett Shale*. Chesapeake's Barnett Shale proved reserves represented 3.063 tcfe, or 18%, of our total proved reserves as of December 31, 2010. During 2010, the Barnett Shale assets produced 175 bcfe, or 17%, of our total production, and we invested approximately \$570 million to drill 503 (287 net) wells in the Barnett Shale, net of \$483 million in drilling and completion cost carries paid by our industry participation partner, Total, in 2010: For 2011, we anticipate spending approximately \$350 million, or 7% of our total budget, for exploration and development activities, net of carries, in the Barnett Shale. Total is obligated to fund 60% of our share of future drilling and completion costs until \$1.45 billion has been paid, which we expect to occur by year-end 2013. Of the \$889 million drilling cost carry remaining at December 31, 2010, we expect approximately \$375 million will be utilized in 2011.

*Fayetteville Shale.* Chesapeake's Fayetteville Shale proved reserves represented 2.396 tcfe, or 14%, of our total proved reserves as of December 31, 2010. During 2010, the Fayetteville Shale assets produced 137 bcfe, or 13%, of our total production, and we invested approximately \$725 million to drill 775 (157 net) wells in the Fayetteville Shale. On February 21, 2011, we entered into an agreement with a wholly owned subsidiary of BHP Billiton Limited to sell the assets for \$4.75 billion, before certain deductions and standard closing adjustments.

Permian and Delaware Basins. Chesapeake's Permian and Delaware Basin proved reserves represented 774 bcfe, or 4%, of our total proved reserves as of December 31, 2010. During 2010, the Permian assets produced 61 bcfe, or 6%, of our total production, and we invested approximately \$396 million to drill 156 (84 net) wells in the Permian and Delaware Basins. For 2011, we anticipate spending approximately \$425 million, or 8% of our total budget, for exploration and development activities in the Permian and Delaware Basins, with an increased focus on the Bone Spring, Avalon, Wolfcamp and Wolfberry liquids-rich unconventional plays.

*Marcellus Shale*. Chesapeake's Marcellus Shale proved reserves represented 860 bcfe, or 5%, of our total proved reserves as of December 31, 2010. During 2010, the Marcellus Shale assets produced 53 bcfe, or 5%, of our total production, and we invested approximately \$380 million to drill 329 (135 net) wells in the Marcellus Shale, net of \$601 million in drilling and completion cost carries paid by our industry participation partner, Statoil, in 2010. For 2011, we anticipate spending approximately \$325 million, or 6% of our total budget, for exploration and development activities, net of carries, in the Marcellus Shale. Statoil will pay 75% of our drilling and completion costs in the play until \$2.125 billion has been paid, which we expect to occur by year-end 2012. Of the \$1.362 billion drilling cost carry remaining at December 31, 2010, we expect approximately \$660 million will be utilized in 2011.

*Eagle Ford Shale.* Chesapeake's Eagle Ford Shale proved reserves represented 108 bcfe, or 1%, of our total proved reserves as of December 31, 2010. During 2010, the Eagle Ford Shale assets produced 2 bcfe, or a nominal amount, of our total production, and we invested approximately \$243 million to drill 82 (48 net) wells in the Eagle Ford Shale, net of \$67 million in drilling and completion cost carries paid by our industry participation partner, CNOOC, in 2010. For 2011, we anticipate spending approximately \$375 million, or 7% of our total budget, for exploration and development activities, net of carries, in the Eagle Ford Shale. CNOOC will pay 75% of our drilling and completion costs in the play until \$1.08 billion has been paid, which we expect to occur by year-end 2012. Of the \$1.030 billion drilling cost carry remaining at December 31, 2010, we expect approximately \$775 million will be utilized in 2011.

Rockies/Williston Basin. Chesapeake's Rocky Mountains/Williston Basin proved reserves of 7 bcfe represented a nominal amount of our total proved reserves as of December 31, 2010. During 2010, this area produced 1 bcfe, or a nominal amount of our 2010 production, and we invested approximately \$77 million to drill 32 (13 net) wells in the Rocky Mountains/Williston Basin. For 2011, we anticipate spending approximately \$225 million, or 4% of our total budget, for exploration and development activities, net of carries, in the Rocky Mountains/Williston Basin. CNOOC will pay 67% of our drilling and completion costs in the play until \$697 million has been paid, which we expect to occur by year-end 2014. Of the \$697 million of drilling cost carry remaining, we expect approximately \$150 million will be utilized in 2011.

Other. Chesapeake's other proved reserves represented 1.438 tcfe, or 9%, of our total proved reserves as of December 31, 2010. During 2010, assets categorized as other produced 51 bcfe, or 5%, of our total production, and we invested approximately \$69 million to drill 58 (11 net) wells in our other assets. For 2011, we anticipate spending approximately \$125 million, or 2% of our total budget, for exploration and development activities in this area.

## Well Data

At December 31, 2010, we had interests in approximately 45,800 gross (22,600 net) productive wells, including properties in which we held an overriding royalty interest, of which 38,900 gross (20,600 net) were classified as primarily natural gas productive wells and 6,900 gross (2,000 net) were classified as primarily oil productive wells. Chesapeake operates approximately 25,750 of its 45,800 productive wells. During 2010, we drilled 1,445 gross (938 net) wells and participated in another 1,586 gross (211 net) wells operated by other companies. We operate approximately 80% of our current daily production volumes.

# **Drilling Activity**

The following table sets forth the wells we drilled or participated in during the periods indicated. In the table, "gross" refers to the total wells in which we had a working interest and "net" refers to gross wells multiplied by our working interest.

|              | 2010  |      |       |              | 2009  |      |     |              | 2008  |      |       |  |
|--------------|-------|------|-------|--------------|-------|------|-----|--------------|-------|------|-------|--|
|              | Gross | %    | Net   | %            | Gross | %    | Net | %            | Gross | %    | Net   | %  |
| Development: |       |      |       |              |       |      |     |              |       |      |       |  |
| Productive   | 2,721 | 99   | 1,031 | 99           | 1,971 | 98   | 875 | 99           | 3,479 | 99   | 1,650 | 99   |
| Dry          | 30    | 1    | 12    | 1            | 33    | 2    | 8   | 1            | 40    | 1    | 13    | <u>    1                                </u> |
| Total        | 2,751 | 100% | 1,043 | 100%         | 2,004 | 100% | 883 | <u>100</u> % | 3,519 | 100% | 1,663 | 100%   |
| Exploratory: |       |      |       |              |       |      |     |              |       |      |       |  |
| Productive   | 265   | 95   | 99    | 93           | 196   | 97   | 115 | 96           | 142   | 90   | 63    | 90   |
| Dry          | 15    | 5    | 7     | 7            | 6     | 3    | 5   | 4            | 15    | 10   | 7     | 10   |
| Total        | 280   | 100% | 106   | <u>100</u> % | 202   | 100% | 120 | <u>100</u> % | 157   | 100% | 70    | 100%   |

The following table shows the wells we drilled or participated in by area:

|                             | 201            | 2010 2009    |                | 9            | 200            | 8            |
|-----------------------------|----------------|--------------|----------------|--------------|----------------|--------------|
|                             | Gross<br>Wells | Net<br>Wells | Gross<br>Wells | Net<br>Wells | Gross<br>Wells | Net<br>Wells |
| Mid-Continent               | 596            | 212          | 386            | 144          | 1,515          | 542          |
| Haynesville/Bossier Shale   | 500            | 202          | 337            | 163          | 81             | 42           |
| Barnett Shale               | 503            | 287          | 417            | 339          | 776            | 600          |
| Fayetteville Shale          | 775            | 157          | 774            | 209          | 814            | 220          |
| Permian and Delaware Basins | 156            | 84           | 93             | 42           | 165            | 95           |
| Marcellus Shale             | 329            | 135          | 149            | 74           | 32             | 23           |
| Eagle Ford Shale            | 82             | 48           | —              |              |                | —            |
| Rockies/Williston Basin     | 32             | 13           |                |              |                | ·            |
| Other                       | 58             | 11           | 50             | 32           | 293            | 211          |
| Total                       | 3,031          | 1,149        | 2,206          | 1,003        | 3,676          | 1,733        |

At December 31, 2010, we had 221 (86 net) wells in process.

## **Production, Sales, Prices and Expenses**

The following table sets forth information regarding the production volumes, natural gas and oil sales, average sales prices received, other operating income and expenses for the periods indicated:

|  | Years Ended December 31, |  |                          |  | r 31,          |  |
|--|--------------------------|--|--------------------------|--|----------------|--|
|  |                          | 2010 2009                                    |                          |  |                | 2008   |
| Net Production <sup>(a)</sup> :<br>Natural gas (bcf)<br>Oil (mmbbl) <sup>(b)</sup><br>Natural gas equivalent (bcfe)  |                          | 924.9<br>18.4<br>1,035.2                     |                          | 834.8<br>11.8<br>905.5                       | •              | 775.4<br>11.2<br>842.7                       |
| Natural Gas and Oil Sales (\$ in millions):         Natural gas sales         Natural gas derivatives – realized gains (losses)         Natural gas derivatives – unrealized gains (losses)  | \$                       | 3,169<br>1,982<br>425                        | \$                       | 2,635<br>2,313<br>(492)                      | \$             | 6,003<br>267<br>521                          |
| Total natural gas sales  |                          | 5,576  |                          | 4,456  |                | 6,791  |
| Oil sales <sup>(b)</sup><br>Oil derivatives – realized gains (losses)<br>Oil derivatives – unrealized gains (losses)   |                          | 1,079<br>74<br>(1,082)                       |                          | 656<br>33<br>(96)                            |                | 1,066<br>(275)<br>276                        |
| Total oil sales  |                          | 71   |                          | 593  |                | 1,067  |
| Total natural gas and oil sales  | \$                       | 5,647  | \$                       | 5,049  | \$             | 7,858  |
| Average Sales Price (excluding gains (losses) on derivatives) <sup>(a)</sup> :<br>Natural gas (\$ per mcf)<br>Oil (\$ per bbl)<br>Natural gas equivalent (\$ per mcfe)   | \$\$\$\$                 | 3.43<br>58.67<br>4.10                        | \$<br>\$<br>\$           | 3.16<br>55.60<br>3.63                        | \$<br>\$<br>\$ | 7.74<br>95.04<br>8.39                        |
| Average Sales Price (excluding unrealized gains (losses) on  |                          |  |                          |  |                |  |
| derivatives):         Natural gas (\$ per mcf)         Oil (\$ per bbl)         Natural gas equivalent (\$ per mcfe)   | \$<br>\$<br>\$           | 5.57<br>62.71<br>6.09                        | \$<br>\$<br>\$           | 5.93<br>58.38<br>6.22                        | \$\$           | 8.09<br>70.48<br>8.38                        |
| Other Operating Income <sup>(c)</sup> (\$ per mcfe):           Marketing, gathering and compression net margin           Service operations net margin   | \$<br>\$                 | 0.12<br>0.03                                 | \$<br>\$                 | 0.16<br>0.01                                 | \$<br>\$       | 0.11<br>0.04                                 |
| Expenses (\$ per mcfe):         Production expenses <sup>(a)</sup> Production taxes         General and administrative expenses         Natural gas and oil depreciation, depletion and amortization         Depreciation and amortization of other assets         Interest expense <sup>(d)</sup> | \$\$\$\$\$\$             | 0.86<br>0.15<br>0.44<br>1.35<br>0.21<br>0.08 | \$\$ \$\$ \$\$ \$\$ \$\$ | 0.97<br>0.12<br>0.38<br>1.51<br>0.27<br>0.22 | \$\$\$\$\$     | 1.05<br>0.34<br>0.45<br>2.34<br>0.21<br>0.22 |

(a) Our production, prices and production expenses are disclosed by region under Results of Operations in Item 7. *Management's Discussion and Analysis of Financial Condition and Results of Operations*.

(b) Includes NGLs.

(c) Includes revenue and operating costs and excludes depreciation and amortization of other assets.

(d) Includes the effects of realized (gains) or losses from interest rate derivatives, but excludes the effects of unrealized (gains) or losses and is net of amounts capitalized.

## Natural Gas and Oil Reserves

The tables below set forth information as of December 31, 2010 with respect to our estimated proved reserves, the associated estimated future net revenue and present value (discounted at an annual rate of 10%) of estimated future net revenue before and after future income taxes (standardized measure) at such date. Neither the pre-tax present value of estimated future net revenue nor the after-tax standardized measure is intended to represent the current market value of the estimated natural gas and oil reserves we own. All of our estimated natural gas and oil reserves are located within the United States.

|  | December 31, 2010    |                               |                             |  |  |  |  |
|--|----------------------|-------------------------------|-----------------------------|--|--|--|--|
|  | Natural Gas<br>(bcf) | Oil<br>(mmbbl) <sup>(a)</sup> | Total (bcfe) <sup>(b)</sup> |  |  |  |  |
| Proved developed   | 8,246                | 149.3                         | 9,143                       |  |  |  |  |
| Proved undeveloped   | 7,209                | .124.1                        | 7,953                       |  |  |  |  |
| Total proved   | 15,455               | 273.4                         | 17,096                      |  |  |  |  |
|  | Proved<br>Developed  | Proved<br>Undeveloped         | Total Proved                |  |  |  |  |
|  |                      | (\$ in millions)              |                             |  |  |  |  |
| Estimated future net revenue <sup>(c)</sup>                  | \$ 23,322            | \$ 14,308                     | \$ 37,630                   |  |  |  |  |
| Present value of estimated future net revenue <sup>(c)</sup> | + ··,·==             |                               | \$ 15,146                   |  |  |  |  |
| Standardized measure <sup>(c)(d)</sup>                       |                      | •••••                         | \$ 13,183                   |  |  |  |  |

|                             | Natural<br>Gas (bcf) | Oil<br>(mmbbl) <sup>(a)</sup> | Natural<br>Gas<br>Equivalent<br>_(bcfe) <sup>(b)</sup> | Percent of<br>Proved<br>Reserves | ١  | resent<br>/alue<br>(\$ in<br>illions) |
|-----------------------------|----------------------|-------------------------------|--|----------------------------------|----|---------------------------------------|
| Mid-Continent               | 3,704                | 193.7                         | 4,867  | 28%                              | \$ | 6,588                                 |
| Haynesville/Bossier Shale   | 3,583                | ·                             | 3,583  | 21                               |    | 2,408                                 |
| Barnett Shale               | 2,995                | 11.2                          | 3,063  | 18                               |    | 1,299                                 |
| Fayetteville Shale          | 2,396                |                               | 2,396  | 14                               |    | 1,457                                 |
| Permian and Delaware Basins | 515                  | 43.1                          | 774  | 4                                |    | 1,058                                 |
| Marcellus Shale             | 801                  | 10.0                          | 860  | 5                                |    | 1,497                                 |
| Eagle Ford Shale            | 58                   | 8.2                           | 108  | 1                                |    | 245                                   |
| Rockies/Williston Basin     | 3                    | 0.8                           | 7  |                                  |    | 15                                    |
| Other                       | 1,400                | 6.4                           | 1,438  | 9                                |    | 579                                   |
| Total                       | 15,455               | 273.4                         | 17,096   | 100%                             | \$ | 15,146 <sup>(c)</sup>                 |

(a) Includes NGLs.

(b) Natural gas equivalent based on six mcf of natural gas to one barrel of oil.

(c) Estimated future net revenue represents the estimated future gross revenue to be generated from the production of proved reserves, net of estimated production and future development costs, using prices and costs under existing economic conditions at December 31, 2010. For the purpose of determining "prices", we used the unweighted arithmetic average of the prices on the first day of each month within the 12-month period ended December 31, 2010. The prices used in our reserve reports were \$4.38 per mcf of natural gas and \$79.42 per barrel of oil, before price differential adjustments. These prices should not be interpreted as a prediction of future prices, nor do they reflect the value of our commodity hedges in place at December 31, 2010. The amounts shown do not give effect to non-property related expenses, such as corporate general and administrative expenses and debt service, or to depreciation, depletion and amortization. The present value of estimated future net revenue differs from the standardized measure only because the former does not include the effects of estimated future income tax expenses (\$2.0 billion as of December 31, 2010).

Management uses future net revenue, which is calculated without deducting estimated future income tax expenses, and the present value thereof as one measure of the value of the company's current proved reserves and to compare relative values among peer companies. We also understand that securities analysts and rating agencies use this measure in similar ways. While future net revenue and present value

are based on prices, costs and discount factors which are consistent from company to company, the standardized measure of discounted future net cash flows is dependent on the unique tax situation of each individual company.

(d) Additional information on the standardized measure is presented in Note 10 of the notes to our consolidated financial statements included in Item 8 of this report.

As of December 31, 2010, our reserve estimates included 7.953 tcfe of reserves classified as proved undeveloped (PUD), compared to 5.923 tcfe as of December 31, 2009. Presented below is a summary of changes in our proved undeveloped reserves for 2010.

|  | Total<br>(bcfe) |
|--|-----------------|
| Proved undeveloped reserves, beginning of period | 5,923           |
| Extensions, discoveries and other additions      | 3,210           |
| Revisions of previous estimates                  | (365)           |
| Developed  | (603)           |
| Sale of reserves-in-place                        | (233)           |
| Purchase of reserves-in-place                    | 21              |
| Proved undeveloped reserves, end of period       | 7,953           |

As of December 31, 2010, there were no PUDs that had remained undeveloped for five years or more. We invested approximately \$789 million, net of drilling cost carries, in 2010 to convert 603 bcfe of PUDs to proved developed reserves. In 2011, we estimate that we will invest approximately \$1.9 billion, net of drilling cost carries, for PUD conversion.

The future net revenue attributable to our estimated proved undeveloped reserves of \$14.308 billion at December 31, 2010, and the \$3.723 billion present value thereof, has been calculated assuming that we will expend approximately \$10.7 billion to develop these reserves. Net of drilling cost carries, we have projected to incur \$1.9 billion in 2011, \$1.4 billion in 2012, \$2.1 billion in 2013 and \$5.3 billion in 2014 and beyond, although the amount and timing of these expenditures will depend on a number of factors, including actual drilling schedules are subject to revision and reprioritization throughout the year resulting from unknowable factors such as the relative success in an individual developmental drilling prospect leading to an additional drilling opportunity, rig availability, title issues or delays, and the effect that acquisitions may have on prioritizing developmental drilling plans.

The SEC's modernized rules for reporting oil and gas reserves, which became effective December 31, 2009, allow the booking of proved undeveloped reserves at locations greater distances from producing wells than immediate offsets. All proved reserves are required to meet reasonable certainty standards; thus, locations more than direct offsets to producing wells must be shown to be underlain by the productive formation. Reasonable certainty also requires that the formation is continuous between the producing wells and the PUD locations and that the PUDs are economically viable. We booked PUDs more than directly offsetting producing wells in three resource plays, the Barnett Shale, the Fayetteville Shale and the Haynesville Shale. In all other areas we restricted PUD locations to immediate offsets to producing wells. Within the Barnett, Fayetteville and Haynesville Shale plays, we used both public and proprietary geologic data to establish continuity of the formation and its producing properties. This included seismic data and interpretations (2-D, 3-D and micro seismic); open hole log information (both vertical and horizontally collected) and petrophysical analysis of the log data; mud logs; gas sample analysis; drill cutting samples; measurements of total organic content; thermal maturity; sidewall cores; whole cores and data measured from our internal core analysis facility. After the geologic area was shown to be continuous, statistical analysis of existing producing wells was conducted to generate an area of reasonable certainty at distances from established production. Undrilled locations within this proved area could be booked as PUDs. However, due to other factors and requirements of the modernized rules, numerous locations within the proved area of these three statistically evaluated plays have not yet been booked as PUDs.

Our annual net decline rate on producing properties is projected to be 30% from 2011 to 2012, 19% from 2012 to 2013, 14% from 2013 to 2014, 12% from 2014 to 2015 and 10% from 2015 to 2016. Of our 9.143 tcfe of proved developed reserves as of December 31, 2010, 950 bcfe were non-producing.

Chesapeake's ownership interest used in calculating proved reserves and the associated estimated future net revenue was determined after giving effect to the assumed maximum participation by other parties to our farmout and participation agreements. The prices used in calculating the estimated future net revenue attributable to proved reserves do not reflect market prices for natural gas and oil production sold subsequent to December 31, 2010. There can be no assurance that all of the estimated proved reserves will be produced and sold at the assumed prices.

The company's estimated proved reserves and the standardized measure of discounted future net cash flows of the proved reserves at December 31, 2010, 2009 and 2008, and the changes in quantities and standardized measure of such reserves for each of the three years then ended, are shown in Note 10 of the notes to the consolidated financial statements included in Item 8 of this report. No estimates of proved reserves comparable to those included herein have been included in reports to any federal agency other than the SEC.

There are numerous uncertainties inherent in estimating quantities of proved reserves and in projecting future rates of production and timing of development expenditures, including many factors beyond Chesapeake's control. The reserve data represent only estimates. Reserve engineering is a subjective process of estimating underground accumulations of natural gas and oil that cannot be measured in an exact way, and the accuracy of any reserve estimate is a function of the quality of available data and of engineering and geological interpretation and judgment. As a result, estimates made by different engineers often vary. In addition, results of drilling, testing and production subsequent to the date of an estimate may justify revision of such estimates, and such revisions may be material. Accordingly, reserve estimates are often different from the actual quantities of natural gas and oil that are ultimately recovered. Furthermore, the estimated future net revenue from proved reserves and the associated present value are based upon certain assumptions, including prices, future production levels and costs that may not prove correct. Future prices and costs may be materially higher or lower than the prices and costs as of the date of any estimate.

#### Reserves Price Sensitivity

An increase or decrease in price of \$0.10 per mcf for natural gas and \$1.00 per barrel for oil would result in a corresponding change in the December 31, 2010 present value of estimated future net revenue of our proved reserves of approximately \$600 million and \$90 million, respectively. The estimated future net revenue used in this analysis does not include the effects of future income taxes or hedging.

Chesapeake's management uses forward-looking market-based data in developing its drilling plans, assessing its capital expenditure needs and projecting future cash flows. We believe that using the 10-year average future NYMEX strip prices yields a better indication of the likely economic producibility of proved reserves than the trailing average 12-month price required by the SEC's reserves rules or a period-end spot price, as used under the SEC rules before December 31, 2009. Reserve volumes represent estimated production to be sold in the future. Futures prices, such as the 10-year average NYMEX strip prices, represent an unbiased consensus estimate by market participants about the likely prices to be received for our future production. We hedge substantial amounts of future production based on futures prices. While historical data, such as the trailing 12-month average price required by the SEC's reporting rule, facilitate comparisons of proved reserves from company to company and may be helpful in discerning trends, such as price-related effects on end-user demand, the price at which we can sell our production in the future is by far the major determinant of the likely economic producibility of our reserves. A 12-month average price adjusts slowly to falling or rising prices, further detracting from its usefulness as a predictor of the prices at which future production will actually be sold.

The table below compares our estimated proved reserves and associated present value (discounted at an annual rate of 10%) of estimated future revenue before income tax using the 2010 12-month average prices of \$4.38 per mcf and \$79.42 per bbl, before price differential adjustments, reflected in our reported reserve estimates and the 10-year average future NYMEX strip prices as of December 31, 2010, which were \$5.67 per mcf and \$93.53 per barrel, before price differential adjustments. There is no change to our cost or other assumptions between this higher price scenario and those used in the estimation of our reported reserves.

|   | December 31, 2010 |                               |                 |                                |        |  |  |
|---|-------------------|-------------------------------|-----------------|--------------------------------|--------|--|--|
|   | Gas<br>(bcf)      | Oil<br>(mmbbl) <sup>(a)</sup> | Total<br>(bcfe) | Present Value (\$ in millions) |        |  |  |
| 2010 12-month average prices<br>(SEC) <sup>(b)</sup>                                | 15,455            | 273                           | 17,096          | \$                             | 15,146 |  |  |
| 10-year average future NYMEX strip<br>prices as of December 31, 2010 <sup>(c)</sup> | 15,946            | 276                           | 17,605          | \$                             | 21,715 |  |  |

(a) Includes NGLs.

(b) Volumes represent proved reserves as defined in Rule 4-10(a)(22) of Regulation S-X.

(c) Volumes do not represent proved reserves as defined in Rule 4-10(a)(22) of Regulation S-X.

#### Reserves Estimation

Chesapeake's Reservoir Engineering Department prepared approximately 22% of the proved reserves estimates (by volume) disclosed in this report based upon a review of production histories and other geologic, economic, ownership and engineering data we developed. The estimates were not based on any single significant assumption due to the diverse nature of the reserves and there is no significant concentration of proved reserve volume or value in any one well or field. The department currently has a total of 97 full-time employees, consisting of 58 degreed engineers (10 serving in management capacities), 37 engineering technicians with a minimum of a four-year degree in mathematics, economics, finance or other business/ science field, and 2 administrative persons. Twelve of our engineers are registered professional engineers with various state board certifications. The department collectively has approximately 1,400 years of engineering industry experience. Chesapeake maintains a continuous education program for engineers and technicians on new technologies and industry advancements and also offers refresher training on basic skill sets.

Chesapeake maintains internal controls such as the following to ensure the reliability of reserves estimations:

- No employee's compensation is tied to the amount of reserves booked.
- We follow comprehensive SEC-compliant internal policies to determine and report proved reserves. Reserves estimates are made by experienced reservoir engineers or under their direct supervision.
- The Reservoir Engineering Department reviews all the company's reported proved reserves at the close of each quarter.
- Each quarter, Reservoir Engineering Department managers, the Vice President of Reservoir Engineering, the Senior Vice President of Production and the Chief Operating Officer review all significant reserves changes and all new proved undeveloped reserves additions.
- The Reservoir Engineering Department reports independently of any of our operating divisions.

Chesapeake's Vice President of Reservoir Engineering is the technical person primarily responsible for overseeing the preparation of the company's reserve estimates. His qualifications include the following:

- 35 years of practical experience in petroleum engineering with 32 years of this experience being in the estimation and evaluation of reserves
- certified professional engineer in the state of Oklahoma
- · Bachelor of Science degree in Petroleum Engineering
- member in good standing of the Society of Petroleum Engineers

We engaged four third-party engineering firms to prepare portions of our reserves estimates comprising approximately 78% of our estimated proved reserves (by volume) at year-end 2010. The portion of our estimated proved reserves prepared by each of our third-party engineering firms as of December 31, 2010 is presented below.

|   | % Prepared<br>(by Volume) | Principal Properties   |
|---|---------------------------|--|
| Netherland, Sewell & Associates, Inc  | 58%                       | Barnett Shale<br>Fayetteville Shale<br>Haynesville Shale<br>Mid-Continent (portions)<br>Permian and Delaware Basins<br>Ark-La-Tex (portions) |
| Lee Keeling and Associates, Inc.  | 7%                        | Mid-Continent<br>South Texas/ Texas Gulf Coast (portions)<br>Eagle Ford Shale  |
| Data and Consulting Services, Division of Schlumberger Technology Corporation | 7%                        | Marcellus Shale<br>Other Appalachian Basin   |
| Ryder Scott Company, L.P.   | 6%                        | Mid-Continent (portions)   |

Copies of the reports issued by the engineering firms are filed with this report as Exhibits 99.1 - 99.4. The qualifications of the technical person at each of these firms primarily responsible for overseeing his firm's preparation of the company's reserve estimates are set forth below.

Netherland, Sewell & Associates, Inc.:

- over 28 years of practical experience in petroleum engineering and in the estimation and evaluation of reserves
- a registered professional engineer in the state of Texas
- Bachelor of Science Degree in Petroleum Engineering

Lee Keeling and Associates, Inc.:

- over 45 years of practical experience in petroleum engineering and in the estimation and evaluation of reserves
- · a certified professional engineer in the state of Oklahoma
- Bachelor of Science Degree in Petroleum Engineering

Data and Consulting Services, Division of Schlumberger Technology Corporation:

- over 20 years of practical experience in petroleum geology and in the estimation and evaluation of reserves
- · registered professional geologist license in the commonwealth of Pennsylvania
- · certified petroleum geologist of the American Association of Petroleum Geologists
- · Bachelor of Science Degree in Geological Sciences

Ryder Scott Company, L.P.:

- over 30 years of practical experience in the estimation and evaluation of reserves
- registered professional engineer in the state of Texas
- · Bachelor of Science Degree in Electrical Engineering
- member in good standing of the Society of Petroleum Engineers and the Society of Petroleum Evaluation Engineers

## Exploration and Development, Acquisition and Divestiture Activities

The following table sets forth historical cost information regarding our exploration and development acquisition and divestiture activities during the periods indicated:

|  | December 31,     |                               |      |                             |    |                               |
|--|------------------|-------------------------------|------|-----------------------------|----|-------------------------------|
|  | 2010             |                               | 2009 |                             |    | 2008                          |
| Development and evaluation costs:  | (\$ in millions) |                               |      |                             |    |                               |
| Development and exploration costs:<br>Development drilling <sup>(a)</sup><br>Exploratory drilling<br>Geological and geophysical costs <sup>(b)(c)</sup><br>Asset retirement obligation and other | \$               | 4,739<br>691<br>181<br>2      | \$   | 2,729<br>651<br>162<br>(2)  | \$ | 5,185<br>612<br>314<br>10     |
|  |                  | 5,613                         |      | 3,540                       |    | 6,121                         |
| Acquisition costs:<br>Unproved properties <sup>(d)</sup><br>Proved properties<br>Deferred income taxes   |                  | 6,953<br>243                  |      | 2,793<br>61                 |    | 8,250<br>355<br>13            |
|  | -                | 7.196                         |      | 2.854                       |    | 8,618                         |
| Proceeds from divestitures:<br>Unproved properties<br>Proved properties  |                  | (1,524)<br>(2,876)<br>(4,400) |      | (1,265)<br>(461)<br>(1,726) |    | (5,302)<br>(2,433)<br>(7,735) |
| Total  | \$               | 8,409                         | \$   | 4,668                       | \$ | 7,004                         |

(a) Includes capitalized internal costs of \$367 million, \$337 million and \$326 million, respectively.

(b) Includes capitalized internal costs of \$16 million, \$22 million and \$26 million, respectively.

(c) Includes \$24 million, \$29 million and \$25 million of related capitalized interest, respectively.

(d) Includes \$687 million, \$598 million and \$561 million of related capitalized interest, respectively.

Our development costs included \$789 million, \$621 million and \$1.5 billion in 2010, 2009 and 2008, respectively, related to properties carried as proved undeveloped locations in the prior year's reserve reports.

A summary of our exploration and development, acquisition and divestiture activities in 2010 by operating area is as follows:

|                       | Gross<br>Wells<br>Drilled | Net Wells<br>Drilled | Exploration<br>and<br>Development <sup>(a)</sup> | Acquisition<br>of<br>Unproved<br>Properties <sup>(b)</sup> | of<br>Proved | of<br>Unproved | Sales<br>of<br>Proved<br>Properties   | Total        |
|-----------------------|---------------------------|----------------------|--|--|--------------|----------------|---------------------------------------|--------------|
| -                     |                           |                      |  | (\$ in millio  | ons)         |                |                                       |              |
| Mid-Continent         | 596                       | 212                  | \$ 1,121   | \$ 547   | \$ 90        | \$ —           | \$ \$                                 | 5 1,758      |
| Haynesville/          |                           |                      |  |  |              | **             |                                       |              |
| Bossier               |                           |                      | 0.000  |  |              | (              | · · · · · · · · · · · · · · · · · · · | 0.440        |
| Shale                 | 500                       | 202                  |  |  | 66           |                |                                       | 2,448        |
| Barnett Shale         | 503                       | 287                  | 570  | 216  | _            | (38            | ) (1,938)                             | (1,190)      |
| Fayetteville<br>Shale | 775                       | 157                  | 725  | 74   |              |                |                                       | 799          |
| Permian and           | 115                       | 107                  | 120  | 1-4  |              |                |                                       | ,00          |
| Delaware              |                           |                      |  |  |              |                |                                       |              |
| Basins                | 156                       | 84                   | 396  | 41   | 2            | . (4           | ) (560)                               | (125)        |
| Marcellus             |                           |                      |  |  |              | ,              | , , ,                                 |              |
| Shale                 | 329                       | 135                  | 380  | 1,114  | 2            | (396           | ) —                                   | 1,100        |
| Eagle Ford            |                           |                      |  |  |              |                |                                       |              |
| Shale                 | 82                        | 48                   | 243  | 1,863  | 73           | (1,029         | ) (73)                                | 1,077        |
| Rockies/ Williston    | 00                        | 10                   | 77   | 040  | 0            |                |                                       | 007          |
| Basin                 | 32                        | 13                   |  |  |              |                | (201)                                 | 997<br>1 545 |
| Other                 | 58                        | 11                   |  |  |              |                | (301)                                 | 1,545        |
| Total                 | 3,031                     | 1,149                | \$ 5,613   | \$ 6,953   | \$ 243       | \$ (1,524      | ) <u>\$ (2,876)</u>                   | \$ 8,409     |
| -                     |                           |                      |  |  |              |                |                                       |              |

(a) Includes \$383 million of capitalized internal costs and \$24 million of related capitalized interest.

(b) Includes \$687 million of related capitalized interest.

#### Acreage

We actively acquire new leases, most of which have a three-to-five year term. Managing lease expirations to ensure that we do not experience unintended material expirations is an important part of our business. Our leasehold management efforts include scheduling our drilling to establish production in paying quantities in order to hold leases by production, timely exercising our contractual rights to pay delay rentals to extend the terms of leases we value, planning leasehold asset sales and industry participation transactions to high-grade our lease inventory or to raise capital for additional development and letting some low-value leases expire. We maintain a very large drilling program that is rigorously scheduled to lock in our acreage with the highest prospective value. The fact that we control a substantial rig fleet and other service operations gives us a high degree of confidence that we will be able to execute our drilling plans. We have determined that the amount of undeveloped leasehold that we reasonably believe will be abandoned or allowed to expire at the end of the lease term is immaterial to our operations.

The following table sets forth as of December 31, 2010 the gross and net leasehold acres of both developed and undeveloped natural gas and oil leases which we hold. "Gross" acres are the total number of acres in which we own a working interest. "Net" acres refer to gross acres multiplied by our fractional working interest. Acreage numbers do not include our options to acquire additional acreage which have not been exercised.

|                           | Developed      |       | Undeve     | loped        | Total          |              |  |
|---------------------------|----------------|-------|------------|--------------|----------------|--------------|--|
|                           | Gross<br>Acres |       |            | Net<br>Acres | Gross<br>Acres | Net<br>Acres |  |
|                           |                |       | (in thousa | nds)         |                |              |  |
| Mid-Continent             | 4,469          | 2,252 | 2,720      | 1,627        | 7,189          | 3,879        |  |
| Haynesville/Bossier Shale | 375            | 269   | 405        | 258          | 780            | 527          |  |
| Barnett Shale             | 235            | 132   | 166        | 85           | 401            | 217          |  |
| Fayetteville Shale        | 414            | 188   | 955        | 413          | 1,369          | 601          |  |
| Permian and Delaware      |                |       |            |              |                |              |  |
| Basins                    | 364            | 212   | 1,567      | 992          | 1,931          | 1,204        |  |
| Marcellus Shale           | 408            | 211   | 2,972      | 1,460        | 3,380          | 1,671        |  |
| Eagle Ford Shale          | 45             | 25    | 852        | 440          | 897            | 465          |  |
| Rockies/Williston Basin   | 41             | 19    | 1,456      | 832          | 1,497          | 851          |  |
| Other                     | 2,182          | 1,736 | 3,437      | 2,062        | 5,619          | 3,798        |  |
| Total                     | 8,533          | 5,044 | 14,530     | 8,169        | 23,063         | 13,213       |  |

## Marketing, Gathering and Compression

#### Marketing

Chesapeake Energy Marketing, Inc., one of our wholly owned subsidiaries, provides natural gas and oil marketing services, including commodity price structuring, contract administration and nomination services for Chesapeake, its partners and other producers. We attempt to enhance the value of our natural gas and oil production by aggregating volumes to be sold to various intermediary markets, end markets and pipelines. This aggregation allows us to attract larger, more creditworthy customers that in turn assist in maximizing the prices received for our production.

Our oil production is generally sold under market sensitive or spot price contracts. The revenue we receive from the sale of natural gas liquids is included in oil sales.

Our natural gas production is sold to purchasers under percentage-of-proceeds contracts, percentage-of-index contracts or spot price contracts. By the terms of the percentage-of-proceeds contracts, we receive a percentage of the resale price received by the purchaser after transportation and processing of our natural gas. Under percentage-of-index contracts, the price per mmbtu we receive for our natural gas is tied to indexes published in *Inside FERC* or *Gas Daily*. Although exact percentages vary daily, as of February 2011, approximately 80% of our natural gas production was sold under short-term contracts at market-sensitive prices. No customer accounted for more than 10% of total revenues (excluding gains (losses) on derivatives) in 2010.

Our marketing activities, along with our midstream gathering and compression activities discussed below, constitute a reportable segment under accounting guidance for disclosure about segments of an enterprise and related information. See Note 16 of the notes to our consolidated financial statements in Item 8 of this report.

#### Midstream Gathering Operations

Chesapeake invests in gathering systems and processing facilities to complement our natural gas operations in regions where we have significant production and additional infrastructure is required. By doing so, we are better able to manage the value received for and the costs of, gathering, treating and processing natural gas. These systems are designed primarily to gather company production for delivery into major intrastate or interstate pipelines. In addition, our midstream business provides services to third-party customers. Chesapeake generates revenues from its gathering, treating and compression activities through fixed-rate fee structures. The company also processes a portion of its natural gas at various third-party plants.

Our midstream assets are held and operated by our wholly owned subsidiary, Chesapeake Midstream Development, L.P. (CMD), and its subsidiaries. In September 2009, we formed a joint venture with GIP to own and operate natural gas midstream assets. As part of the transaction, we contributed certain natural gas gathering systems that had been held by CMD and its subsidiaries to a new entity, Chesapeake Midstream Partners, L.L.C. (CMP), and GIP purchased a 50% interest in CMP for \$588 million in cash. The assets we contributed to the joint venture were substantially all of our midstream assets in the Barnett Shale and also the majority of our non-shale midstream assets in the Arkoma, Anadarko, Delaware and Permian Basins. Together, these assets constituted approximately 57% of our total midstream assets as of September 30, 2009.

On August 3, 2010, Chesapeake Midstream Partners, L.P. (NYSE: CHKM), which we and GIP formed to own, operate, develop and acquire midstream assets, completed an initial public offering of 24,437,500 common units (including 3,187,500 common units issued pursuant to the exercise of the underwriters' overallotment option on August 3, 2010) representing limited partner interests and received net offering proceeds of approximately \$475 million at an initial offering price of \$21.00 per unit. In connection with the closing of the offering and pursuant to the terms of our contribution agreement with GIP, CHKM distributed to GIP the approximate \$62 million of net proceeds from the exercise of the over-allotment option. In connection with the closing of the offering, Chesapeake and GIP contributed the interests of the midstream joint venture's operating subsidiary to CHKM. CHKM is continuing the business that had been conducted by the joint venture. Common units owned by public security holders represent 17.7% of all outstanding limited partner interests, and Chesapeake and GIP hold 42.3% and 40.0%, respectively, of all outstanding limited partner interests. The limited partners, collectively, have a 98.0% interest in CHKM, and the general partner, which is owned and controlled 50/50 by Chesapeake and GIP, has a 2.0% interest in CHKM.

Subsidiaries of CMD continue to operate our midstream assets outside of CHKM. The CMD systems are located in Oklahoma, Texas, Colorado, New Mexico, New York, Ohio, Louisiana, Arkansas, Pennsylvania, Wyoming and West Virginia and consist of approximately 1,750 miles of gathering pipelines, servicing over 1,150 natural gas wells. These include natural gas gathering assets in the Fayetteville Shale, Marcellus Shale and other areas in Appalachia. Compared to the Barnett Shale and Mid-Continent areas where the CHKM midstream assets are located, these are less developed areas and will require significant build-out capital expenditures. As described in *Recent Developments*, in February 2011, we agreed to sell the CMD midstream assets in the Fayetteville Shale in a transaction expected to close in the first half of 2011. A source of liquidity for CMD's business is the \$300 million revolving credit facility described under *Liquidity and Capital Resources* in Item 7 below. On December 21, 2010, CMD sold its Springridge natural gas gathering system and related facilities in the Haynesville Shale to CHKM for \$500 million. In connection with this transaction, CHKM and certain Chesapeake subsidiaries entered into ten-year gathering and compression agreements covering upstream assets within an area of dedication around the existing pipeline system. The gathering and compression agreements are similar to the previously existing gathering agreement between Chesapeake and CHKM and include a minimum volume commitment and periodic rate redetermination.

#### Compression

Since 2003, Chesapeake has expanded its compression business. Our wholly owned subsidiary, MidCon Compression, L.L.C., operates wellhead and system compressors to facilitate the transportation of natural gas primarily produced from Chesapeake-operated wells. In a series of transactions since 2007, MidCon sold a

significant portion of its compressor fleet, consisting of 2,234 compressors, for \$517 million and entered into a master lease agreement. These transactions were recorded as sales and operating leasebacks.

#### **Service Operations**

#### Drilling

Securing available rigs is an integral part of the exploration process and therefore owning our own drilling company is a strategic advantage for Chesapeake. In 2001, Chesapeake formed its wholly owned drilling subsidiary, now Nomac Drilling, L.L.C., with an investment of \$26 million to build and refurbish five drilling rigs. As of December 31, 2010, Chesapeake had invested approximately \$1.1 billion to build or acquire 105 drilling rigs, which are utilized primarily to drill Chesapeake-operated wells. In a series of transactions since 2006, our drilling subsidiaries sold 86 rigs for \$717 million and subsequently leased back the rigs through 2018. These transactions were recorded as sales and operating leasebacks. The drilling rigs have depth ratings between 3,000 and 25,000 feet and range in drilling horsepower from 450 to 2,000. These drilling rigs are currently operating in Oklahoma, Texas, Arkansas, Louisiana and Appalachia. Nomac Drilling, L.L.C. is the fifth largest drilling rig contractor in the U.S.

#### Trucking

In 2006, Chesapeake expanded its service operations by acquiring two privately-owned oilfield trucking service companies. We now own one of the largest oilfield and heavy haul transportation companies in the industry. Our trucking business is utilized primarily to transport drilling rigs for both Chesapeake and third parties. Through this ownership, we are better able to manage the movement of our rigs. As of December 31, 2010, our fleet included 208 trucks and 22 cranes, which mainly service the Mid-Continent, Barnett Shale and Appalachian regions.

## **Seasonal Nature of Business**

Generally, the demand for natural gas decreases during the summer months and increases during the winter months. Seasonal anomalies such as mild winters or hot summers can lessen or intensify this fluctuation. In addition, pipelines, utilities, local distribution companies and industrial users utilize natural gas storage facilities and purchase some of their anticipated winter requirements during the summer. This can lessen seasonal demand fluctuations. World weather and resultant prices for liquified natural gas (LNG) can also affect deliveries of competing LNG into this country from abroad, affecting the price of domestically produced natural gas.

#### Competition

We compete with both major integrated and other independent natural gas and oil companies in acquiring desirable leasehold acreage, producing properties and the equipment and expertise necessary to explore, develop and operate our properties and market our production. Some of our competitors may have larger financial and other resources than ours. The natural gas and oil industry also faces competition from alternative fuel sources, including other fossil fuels such as coal and imported LNG. Competitive conditions may be affected by future legislation and regulations as the U.S. develops new energy and climate-related policies. In addition, some of our larger competitors may have a competitive advantage when responding to factors that affect demand for natural gas and oil production, such as changing prices, domestic and foreign political conditions, weather conditions, the price and availability of alternative fuels, the proximity and capacity of gas pipelines and other transportation facilities, and overall economic conditions. We believe that our technological expertise, our exploration, land, drilling and production capabilities and the experience of our management generally enable us to compete effectively.

### **Hedging Activities**

We utilize hedging strategies to hedge the price of a portion of our future natural gas and oil production and to manage interest rate exposure. See Item 7A. *Quantitative and Qualitative Disclosures About Market Risk*.

#### Regulation

General. All of our operations are conducted onshore in the United States. The U.S. natural gas and oil industry is regulated at the federal, state and local levels, and some of the laws, rules and regulations that

govern our operations carry substantial penalties for noncompliance. These regulatory burdens increase our cost of doing business and, consequently, affect our profitability.

Regulation of Natural Gas and Oil Operations. Our exploration and production operations are subject to various types of regulation at the U.S. federal, state and local levels. Such regulation includes requirements for permits to drill and to conduct other operations and for provision of financial assurances (such as bonds) covering drilling and well operations. Other activities subject to regulation include, but are not limited to:

- the location of wells;
- the method of drilling and completing wells;
- · the surface use and restoration of properties upon which wells are drilled;
- the plugging and abandoning of wells;
- the disposal of fluids used or other wastes generated in connection with operations;
- the marketing, transportation and reporting of production; and
- the valuation and payment of royalties.

Our operations are also subject to various conservation regulations. These include the regulation of the size of drilling and spacing units (regarding the density of wells that may be drilled in a particular area) and the unitization or pooling of natural gas and oil properties. In this regard, some states, such as Oklahoma, allow the forced pooling or integration of tracts to facilitate exploration, while other states, such as Texas and New Mexico, rely on voluntary pooling of lands and leases. In areas where pooling is voluntary, it may be more difficult to form units and therefore, more difficult to fully develop a project if the operator owns less than 100% of the leasehold. In addition, state conservation laws establish maximum rates of production from natural gas and oil wells, generally prohibit the venting or flaring of natural gas and impose certain requirements regarding the ratability of production. The effect of these regulations is to limit the amount of natural gas and oil we can produce and to limit the number of wells and the locations at which we can drill.

Chesapeake operates a number of natural gas gathering systems. The U.S. Department of Transportation and certain state agencies regulate the safety and operating aspects of the transportation and storage activities of these facilities. There is currently no price regulation of the company's sales of natural gas, oil and natural gas liquids, although governmental agencies may elect in the future to regulate certain sales.

We do not anticipate that compliance with existing laws and regulations governing exploration, production and natural gas gathering will have a material adverse effect upon our capital expenditures, earnings or competitive position.

Environmental, Health and Safety Regulation. The business operations of the company and its ownership and operation of natural gas and oil interests are subject to various federal, state and local environmental, health and safety laws and regulations pertaining to the release, emission or discharge of materials into the environment, the generation, storage, transportation, handling and disposal of materials (including solid and hazardous wastes), the safety of employees, or otherwise relating to pollution, preservation, remediation or protection of human health and safety, natural resources, wildlife or the environment. We must take into account the cost of complying with environmental regulations in planning, designing, constructing, drilling, operating and abandoning wells and related surface facilities. In most instances, the regulatory frameworks relate to the handling of drilling and production materials, the disposal of drilling and production wastes, and the protection of water and air. In addition, our operations may require us to obtain permits for, among other things,

- · air emissions;
- the construction and operation of underground injection wells to dispose of produced saltwater and other non-hazardous oilfield wastes; and
- the construction and operation of surface pits to contain drilling muds and other non-hazardous fluids associated with drilling operations.

Federal, state and local laws may require us to remove or remediate previously disposed wastes, including wastes disposed of or released by us or prior owners or operators in accordance with current laws or otherwise, to suspend or cease operations at contaminated areas, or to perform remedial well plugging operations or response actions to reduce the risk of future contamination. Federal laws, including the

Comprehensive Environmental Response, Compensation, and Liability Act, or CERCLA, and analogous state laws impose joint and several liability, without regard to fault or legality of the original conduct, on classes of persons who are considered responsible for releases of a hazardous substance into the environment. These persons include the owner or operator of the site where the release occurred, and persons that disposed of or arranged for the disposal of hazardous substances at the site. CERCLA and analogous state laws also authorize the U.S. Environmental Protection Agency (EPA), state environmental agencies and, in some cases, third parties to take action to prevent or respond to threats to human health or the environment and to seek to recover from responsible classes of persons the costs of such actions.

Other federal and state laws, in particular the federal Resource Conservation and Recovery Act, regulate hazardous and non-hazardous wastes. Under a longstanding legal framework, certain wastes generated by our natural gas and oil operations are not subject to federal regulations governing hazardous wastes, though they may be regulated under other federal and state laws. These wastes may in the future be designated as hazardous wastes and may thus become subject to more rigorous and costly compliance and disposal requirements.

Vast quantities of natural gas and oil deposits exist in deep shale and other formations. It is customary in our industry to recover natural gas and oil from these deep shale formations through the use of hydraulic fracturing, combined with sophisticated horizontal drilling. Hydraulic fracturing is the process of creating or expanding cracks, or fractures, in formations underground where water, sand and other additives are pumped under high pressure into a shale formation. These formations are generally geologically separated and isolated from fresh ground water supplies by protective rock layers. Our well construction practices include installation of multiple layers of protective steel casing surrounded by cement that are specifically designed and installed to protect freshwater aquifers by preventing the migration of fracturing fluids into aquifers. Legislative and regulatory efforts at the federal level and in some states have sought to render permitting and compliance requirements more stringent for hydraulic fracturing. If passed into law, such efforts could have an adverse effect on our operations.

Federal and state occupational safety and health laws require us to organize and maintain information about hazardous materials used, released or produced in our operations. Certain portions of this information must be provided to employees, state and local governmental authorities and local citizens. We are also subject to the requirements and reporting set forth in federal workplace standards.

We have made and will continue to make expenditures to comply with environmental, health and safety regulations and requirements. These are necessary business costs in the natural gas and oil industry. Although we are not fully insured against all environmental, health and safety risks, and our insurance does not cover any penalties or fines that may be issued by a governmental authority, we maintain insurance coverage which we believe is customary in the industry. Moreover, it is possible that other developments, such as stricter and more comprehensive environmental, health and safety laws and regulations, as well as claims for damages to property or persons, resulting from company operations, could result in substantial costs and liabilities, including civil and criminal penalties, to Chesapeake. We believe that we are in material compliance with these existing regulations will not have a material adverse effect on our business, financial position and results of operation, but new or more stringent regulations could increase the cost of doing business.

*Climate Change.* Various state governments and regional organizations comprising state governments are considering enacting new legislation and promulgating new regulations governing or restricting the emission of greenhouse gases from stationary sources such as our equipment and operations. At the federal level, the EPA has already made findings and issued regulations that require us to establish and report an inventory of greenhouse gas emissions and that could lead to the imposition of restrictions on greenhouse gas emissions from stationary sources such as ours. Legislative and regulatory proposals for restricting greenhouse gas emissions or otherwise addressing climate change could require us to incur additional operating costs and could adversely affect demand for the natural gas and oil that we sell. The potential increase in our operating costs could include new or increased costs to obtain permits, operate and maintain our equipment and facilities, install new emission controls on our equipment and facilities, acquire allowances to authorize our greenhouse gas emissions, pay taxes related to our greenhouse gas emissions and administer and manage a greenhouse gas emissions program. Moreover, incentives to conserve energy or use alternative energy sources could reduce demand for natural gas and oil.

#### **Title to Properties**

Our title to properties is subject to royalty, overriding royalty, carried, net profits, working and other similar interests and contractual arrangements customary in the natural gas and oil industry, to liens for current taxes not yet due and to other encumbrances. As is customary in the industry in the case of undeveloped properties, only cursory investigation of record title is made at the time of acquisition. Drilling title opinions are usually prepared before commencement of drilling operations. We believe we have satisfactory title to substantially all of our active properties in accordance with standards generally accepted in the natural gas and oil industry. Nevertheless, we are involved in title disputes from time to time which result in litigation.

#### **Operating Hazards and Insurance**

The natural gas and oil business involves a variety of operating risks, including the risk of fire, explosions, blow-outs, pipe failure, abnormally pressured formations and environmental hazards such as oil spills, natural gas leaks, ruptures or discharges of toxic gases. If any of these should occur, Chesapeake could incur legal defense costs and could suffer substantial losses due to injury or loss of life, severe damage to or destruction of property, natural resources and equipment, pollution or other environmental damage, clean-up responsibilities, regulatory investigation and penalties, and suspension of operations. Our horizontal and deep drilling activities involve greater risk of mechanical problems than vertical and shallow drilling operations.

Chesapeake maintains a \$75 million control of well policy that insures against certain sudden and accidental risks associated with drilling, completing and operating our wells. There is no assurance that this insurance will be adequate to cover all losses or exposure to liability. Chesapeake also carries a \$400 million comprehensive general liability umbrella policy and a \$130 million pollution liability policy. We provide workers' compensation insurance coverage to employees in all states in which we operate. While we believe these policies are customary in the industry, they do not provide complete coverage against all operating risks. In addition, our insurance does not cover penalties or fines that may be assessed by a governmental authority. A loss not fully covered by insurance could have a material adverse effect on our financial position, results of operations and cash flows. The insurance coverage that we maintain may not be sufficient to cover every claim made against us in the future.

#### Facilities

Chesapeake owns an office complex in Oklahoma City and we continue to construct additional buildings in Oklahoma City and in our operating areas as needed to accommodate our ongoing growth. We also own or lease various field or administrative offices in the areas in which we conduct operations.

#### Employees

Chesapeake had approximately 10,000 employees as of December 31, 2010.

#### **Glossary of Natural Gas and Oil Terms**

The terms defined in this section are used throughout this Form 10-K.

Bcf. Billion cubic feet.

Bcfe. Billion cubic feet of natural gas equivalent.

*Bbl.* One stock tank barrel, or 42 U.S. gallons liquid volume, used herein in reference to crude oil or other liquid hydrocarbons.

Bbtu. One billion British thermal units.

*Btu.* British thermal unit, which is the heat required to raise the temperature of a one-pound mass of water from 58.5 to 59.5 degrees Fahrenheit.

Commercial Well; Commercially Productive Well. A natural gas and oil well which produces natural gas and oil in sufficient quantities such that proceeds from the sale of such production exceed production expenses and taxes. Conventional Reserves. Natural gas and oil occurring as discrete accumulations in structural and stratigraphic traps.

Developed Acreage. The number of acres which are allocated or assignable to producing wells or wells capable of production.

Development Well. A well drilled within the proved area of an oil or natural gas reservoir to the depth of a stratigraphic horizon known to be productive.

Drilling Carry Obligation. An obligation of one party to pay certain well costs attributable to another party.

Dry Hole; Dry Well. A well found to be incapable of producing either oil or natural gas in sufficient quantities to justify completion as a natural gas or oil well.

*Exploratory Well.* A well drilled to find a new field or to find a new reservoir in a field previously found to be productive of natural gas or oil in another reservoir.

Farmout. An assignment of an interest in a drilling location and related acreage conditional upon the drilling of a well on that location.

Formation. A succession of sedimentary beds that were deposited under the same general geologic conditions.

*Full-Cost Pool.* The full-cost pool consists of all costs associated with property acquisition, exploration and development activities for a company using the full-cost method of accounting. Additionally, any internal costs that can be directly identified with acquisition, exploration and development activities are included. Any costs related to production, general corporate overhead or similar activities are not included.

Gross Acres or Gross Wells. The total acres or wells, as the case may be, in which a working interest is owned.

Horizontal Wells. Wells which are drilled at angles greater than 70 degrees from vertical.

Infill Drilling. Drilling wells between established producing wells on a lease; a drilling program to reduce the spacing between wells in order to increase production and/or recovery of in-place hydrocarbons from the lease.

Karst. An area of irregular limestone in which erosion has produced fissures, sinkholes, underground streams and caverns.

*Mbbl.* One thousand barrels of crude oil or other liquid hydrocarbons.

Mbtu. One thousand btus.

Mcf. One thousand cubic feet.

*Mcfe.* One thousand cubic feet of natural gas equivalent.

*Mmbbl.* One million barrels of crude oil or other liquid hydrocarbons.

Mmbtu. One million btus.

Mmcf. One million cubic feet.

*Mmcfe*. One million cubic feet of natural gas equivalent.

Natural Gas Liquids (NGL). Those hydrocarbons in natural gas that are separated from the gas as liquids through the process of absorption, condensation, adsorption or other methods in gas processing or cycling plants. Natural gas liquids primarily include ethane, propane, butane, isobutene, pentane, hexane and natural gasoline.

Net Acres or Net Wells. The sum of the fractional working interests owned in gross acres or gross wells.

NYMEX. New York Mercantile Exchange.

*Play.* A term applied to a portion of the exploration and production cycle following the identification by geologists and geophysicists of areas with potential natural gas and oil reserves.

Present Value or PV-10. When used with respect to natural gas and oil reserves, present value, or PV-10 means the estimated future gross revenue to be generated from the production of proved reserves, net of estimated production and future development costs, using prices calculated as the average natural gas and oil price during the preceding 12-month period prior to the end of the current reporting period, (determined as the unweighted arithmetic average of prices on the first day of each month within the 12-month period) and costs in effect at the determination date, without giving effect to non-property related expenses such as general and administrative expenses, debt service and future income tax expense or to depreciation, depletion and amortization, discounted using an annual discount rate of 10%.

*Price Differential.* The difference in the price of natural gas or oil received at the sales point and the New York Mercantile Exchange (NYMEX).

*Productive Well.* A well that is not a dry well. Productive wells include producing wells and wells that are mechanically capable of production.

Proved Developed Reserves. Proved reserves that can be expected to be recovered through existing wells with existing equipment and operating methods or in which the cost of the required equipment is relatively minor compared to the cost of a new well.

Proved Properties. Properties with proved reserves.

Proved Reserves. Proved natural gas and oil reserves are those quantities of natural gas and oil, which, by analysis of geoscience and engineering data, can be estimated with reasonable certainty to be economically producible - from a given date forward, from known reservoirs, and under existing economic conditions, operating methods, and government regulations - prior to the time at which contracts providing the right to operate expire, unless evidence indicates that renewal is reasonably certain, regardless of whether deterministic or probabilistic methods are used for the estimation. The project to extract the hydrocarbons must have commenced or the operator must be reasonably certain that it will commence the project within a reasonable time. The area of a reservoir considered as proved includes (a) the area indentified by drilling and limited by fluid contacts, if any, and (b) adjacent undrilled portions of the reservoir that can, with reasonable certainty, be judged to be continuous with it and to contain economically producible natural gas or oil on the basis of available geoscience and engineering data. In the absence of information on fluid contacts, proved quantities in a reservoir are limited by the lowest known hydrocarbons (LKH) as seen in a well penetration unless geoscience, engineering, or performance data and reliable technology establishes a lower contact with reasonable certainty. Where direct observation from well penetrations has defined a highest known oil (HKO) elevation and the potential exists for an associated gas cap, proved oil reserves may be assigned in the structurally higher portions of the reservoir only if geoscience, engineering, or performance data and reliable technology establish the higher contact with reasonable certainty. Reserves which can be produced economically through application of improved recovery techniques (including, but not limited to, fluid injection) are included in the proved classification when (a) successful testing by a pilot project in an area of the reservoir with properties no more favorable than in the reservoir as a whole, the operation of an installed program in the reservoir or an analogous reservoir, or other evidence using reliable technology establishes the reasonable certainty of the engineering analysis on which the project or program was based and (b) the project has been approved for development by all necessary parties and entities, including governmental entities. Existing economic conditions include prices and costs at which economic producibility from a reservoir is to be determined. The price shall be the average price during the 12-month period prior to the ending date of the period covered by the report, determined as an unweighted arithmetic average of the first-day-of-the-month price for each month within such period, unless prices are defined by contractual arrangements, excluding escalations based upon future conditions.

*Proved Undeveloped Location.* A site on which a development well can be drilled consistent with spacing rules for purposes of recovering proved undeveloped reserves.

Proved Undeveloped Reserves. Proved reserves that are expected to be recovered from new wells on undrilled acreage, or from existing wells where a relatively major expenditure is required for recompletion. Reserves on undrilled acreage shall be limited to those directly offsetting development spacing areas that are reasonably certain of production when drilled, unless evidence using reliable technology exists that establishes reasonable certainty of economic producibility at greater distances. Undrilled locations can be classified as having proved undeveloped reserves only if a development plan has been adopted indicating that they are

scheduled to be drilled within five years, unless the specific circumstances justify a longer time. Estimates for proved undeveloped reserves are not attributed to any acreage for which an application of fluid injection or other improved recovery technique is contemplated, unless such techniques have been proved effective by actual projects in the same reservoir or an analogous reservoir, or by other evidence using reliable technology establishing reasonable certainty.

Reserve Replacement. Calculated by dividing the sum of reserve additions from all sources (revisions, extensions, discoveries and other additions and acquisitions) by the actual production for the corresponding period. The values for these reserve additions are derived directly from the proved reserves table located in Note 10 of the notes to our consolidated financial statements. In calculating reserve replacement, we do not use unproved reserve quantities or proved reserve additions attributable to less than wholly owned consolidated entities or investments accounted for using the equity method. Management uses the reserve replacement ratio as an indicator of the company's ability to replenish annual production volumes and grow its reserves, thereby providing some information on the sources of future production. It should be noted that the reserve replacement ratio is a statistical indicator that has limitations. As an annual measure, the ratio is limited because it typically varies widely based on the extent and timing of new discoveries and property acquisitions. Its predictive and comparative value is also limited for the same reasons. In addition, since the ratio does not imbed the cost or timing of future production of new reserves, it cannot be used as a measure of value creation.

*Royalty Interest.* An interest in a natural gas and oil property entitling the owner to a share of oil or natural gas production free of costs of production.

Seismic. An exploration method of sending energy waves or sound waves into the earth and recording the wave reflections to indicate the type, size, shape and depth of subsurface rock formation (3-D seismic provides three-dimensional pictures).

Shale. Fine-grained sedimentary rock composed mostly of consolidated clay or mud. Shale is the most frequently occurring sedimentary rock.

Standardized Measure of Discounted Future Net Cash Flows. The discounted future net cash flows relating to proved reserves based on the prices used in estimating the proved reserves, year-end costs and statutory tax rates (adjusted for permanent differences) and a 10-percent annual discount rate.

Tcf. One trillion cubic feet.

*Tcfe*. One trillion cubic feet of natural gas equivalent.

Unconventional Reserves. Natural gas and oil occurring in regionally pervasive accumulations with low matrix permeability and close association with source rocks.

Undeveloped Acreage. Acreage on which wells have not been drilled or completed to a point that would permit the production of economic quantities of natural gas and oil regardless of whether such acreage contains proved reserves.

Unproved Properties. Properties with no proved reserves.

*VPP.* As we use the term, a volumetric production payment represents a limited-term overriding royalty interest in natural gas and oil reserves that (i) entitles the purchaser to receive scheduled production volumes over a period of time from specific lease interests; (ii) is free and clear of all associated future production costs and capital expenditures; (iii) is nonrecourse to the seller (i.e., the purchaser's only recourse is to the reserves acquired); (iv) transfers title of the reserves to the purchaser; and (v) allows the seller to retain the remaining reserves, if any, after the scheduled production volumes have been delivered.

*Working Interest.* The operating interest which gives the owner the right to drill, produce and conduct operating activities on the property and a share of production.

#### ITEM 1A. Risk Factors

# Natural gas and oil prices fluctuate widely, and lower prices for an extended period of time are likely to have a material adverse effect on our business.

Our revenues, operating results, profitability and ability to grow depend primarily upon the prices we receive for the natural gas and oil we sell. We require substantial expenditures to replace reserves, sustain production and fund our business plans. Lower natural gas or oil prices can negatively affect the amount of cash flow available for capital expenditures and our ability to borrow money or raise additional capital and, as a result, could have a material adverse effect on our financial condition, results of operations and reserves. In addition, lower prices may result in ceiling test write-downs of our natural gas and oil properties. We urge you to read the risk factors below for a more detailed description of each of these risks.

Historically, the markets for natural gas and oil have been volatile and they are likely to continue to be volatile. Wide fluctuations in natural gas and oil prices may result from relatively minor changes in the supply of and demand for natural gas and oil, market uncertainty and other factors that are beyond our control, including:

- domestic and worldwide supplies of natural gas, oil and natural gas liquids, including U.S. inventories
  of natural gas and oil reserves;
- weather conditions;
- changes in the level of consumer demand;
- the price and availability of alternative fuels;
- the availability, proximity and capacity of pipelines, other transportation facilities and processing facilities;
- the level and effect of trading in commodity futures markets, including by commodity price speculators and others;
- · the price and level of foreign imports;
- the nature and extent of domestic and foreign governmental regulations and taxes;
- the ability of the members of the Organization of Petroleum Exporting Countries to agree to and maintain oil price and production controls;
- political instability or armed conflict in oil and natural gas producing regions; and
- overall domestic and global economic conditions.

These factors and the volatility of the energy markets make it extremely difficult to predict future natural gas and oil price movements with any certainty. Further, the prices of natural gas and oil do not necessarily move in tandem. Because approximately 90% of our reserves at December 31, 2010 were natural gas reserves, we are more affected by movements in natural gas prices.

#### Our level of indebtedness may limit our financial flexibility.

As of December 31, 2010, we had long-term indebtedness of approximately \$12.6 billion, and our net indebtedness represented 45% of our total book capitalization, which we define as the sum of total Chesapeake stockholders' equity and total current and long-term debt less cash. We had \$3.706 billion of outstanding borrowings drawn under our revolving bank credit facilities at December 31, 2010.

Our level of indebtedness affects our operations in several ways, including the following:

- a portion of our cash flows from operating activities must be used to service our indebtedness and is not available for other purposes;
- we may be at a competitive disadvantage as compared to similar companies that have less debt;
- the covenants contained in the agreements governing our outstanding indebtedness and future indebtedness may limit our ability to borrow additional funds, pay dividends and make certain investments and may also affect our flexibility in planning for, and reacting to, changes in the economy and in our industry;

- the midstream revolving bank credit facility restricts the payment of dividends or distributions to Chesapeake;
- additional financing in the future for working capital, capital expenditures, acquisitions, general corporate or other purposes may have higher costs and more restrictive covenants; and
- a lowering in the credit ratings of our debt may negatively affect the cost, terms, conditions and availability of future financing, and lower ratings will increase the interest rate we pay on our corporate revolving bank credit facility.

The borrowing base of our corporate revolving bank credit facility is subject to periodic redetermination and is based in part on natural gas and oil prices. A lowering of our borrowing base because of lower natural gas and oil prices or for other reasons could require us to repay indebtedness in excess of the borrowing base, or we might need to further secure the lenders with additional collateral. We may incur additional debt, including secured indebtedness, in order to develop our properties and make future acquisitions. A higher level of indebtedness increases the risk that we may default on our obligations. Our ability to meet our debt obligations and to reduce our level of indebtedness depends on our future performance. General economic conditions, natural gas and oil prices and financial, business and other factors affect our operations and our future performance. Many of these factors are beyond our control. Factors that will affect our ability to raise cash through an offering of our capital stock or a refinancing of our debt include financial market conditions, the value of our assets and our performance at the time we need capital. In addition, our failure to comply with the financial and other restrictive covenants relating to our indebtedness could result in a default under that indebtedness, which could adversely affect our business, financial condition and results of operations.

# Declines in the prices of natural gas and oil could result in a write-down of our asset carrying values.

We utilize the full-cost method of accounting for costs related to our natural gas and oil properties. Under this method, all such costs (for both productive and nonproductive properties) are capitalized and amortized on an aggregate basis over the estimated lives of the properties using the unit-of-production method. However, these capitalized costs are subject to a ceiling test which limits such pooled costs to the aggregate of the present value of future net revenues attributable to proved natural gas and oil reserves discounted at 10% plus the lower of cost or market value of unproved properties. The full-cost ceiling is evaluated at the end of each quarter using the unweighted arithmetic average of the prices on the first day of each month within the 12-month period ending in the quarter, adjusted for the impact of derivatives accounted for as cash flow hedges. We are required to write down the carrying value of our natural gas and oil assets if capitalized costs exceed the ceiling limit, and such write-downs can be material. For example, our financial statements for the year ended December 31, 2009 reflect an impairment of approximately \$6.9 billion, net of income tax, of our natural gas and oil properties. The risk that we will be required to write down the carrying value of our natural gas and oil properties increases when natural gas and oil prices are low or volatile. We may experience ceiling test write-downs or other impairments in the future.

# Significant capital expenditures are required to replace our reserves.

Our exploration, development and acquisition activities require substantial capital expenditures. Historically, we have funded our capital expenditures through a combination of cash flows from operations, our corporate revolving bank credit facility, debt and equity issuances and asset monetizations. Future cash flows are subject to a number of variables, such as the level of production from existing wells, prices of natural gas and oil, our success in developing and producing new reserves, the orderly functioning of credit and capital markets and our ability to complete additional planned asset monetization transactions. If revenues were to decrease as a result of lower natural gas and oil prices or decreased production, and our access to capital were limited, we would have a reduced ability to replace our reserves. If our cash flow from operations is not sufficient to fund our capital expenditure budget, we may not be able to access additional bank debt, debt or equity or other methods of financing on an economic basis to meet these requirements.

# If we are not able to replace reserves, we may not be able to sustain production.

Our future success depends largely upon our ability to find, develop or acquire additional natural gas and oil reserves that are economically recoverable. Unless we replace the reserves we produce through successful development, exploration or acquisition activities, our proved reserves and production will decline over time. In addition, approximately 47% of our total estimated proved reserves (by volume) at December 31, 2010 were undeveloped. By their nature, estimates of proved undeveloped reserves are less certain. Recovery of such

reserves will require significant capital expenditures and successful drilling operations. Our reserve estimates at December 31, 2010 reflected a decline in the production rate on producing properties of approximately 30% in 2011 and 19% in 2012. Thus, our future natural gas and oil reserves and production and, therefore, our cash flow and income are highly dependent on our success in efficiently developing and exploiting our current reserves and economically finding or acquiring additional recoverable reserves.

# The actual quantities and present value of our proved reserves may prove to be lower than we have estimated.

This report contains estimates of our proved reserves and the estimated future net revenues from our proved reserves. These estimates are based upon various assumptions, including assumptions required by the SEC relating to natural gas and oil prices, drilling and operating expenses, capital expenditures, taxes and availability of funds. The process of estimating natural gas and oil reserves is complex. The process involves significant decisions and assumptions in the evaluation of available geological, geophysical, engineering and economic data for each reservoir. Therefore, these estimates are inherently imprecise.

Actual future production, natural gas and oil prices, revenues, taxes, development expenditures, operating expenses and quantities of recoverable natural gas and oil reserves most likely will vary from these estimates. Such variations may be significant and could materially affect the estimated quantities and present value of our proved reserves. In addition, we may adjust estimates of proved reserves to reflect production history, results of exploration and development drilling, prevailing natural gas and oil prices and other factors, many of which are beyond our control. Our properties may also be susceptible to hydrocarbon drainage from production by operators on adjacent properties.

At December 31, 2010, approximately 47% of our estimated proved reserves (by volume) were undeveloped. These reserve estimates reflect our plans to make significant capital expenditures to convert our proved undeveloped reserves into proved developed reserves, including approximately \$10.6 billion during the five years ending in 2015. You should be aware that the estimated development costs may not be accurate, development may not occur as scheduled and results may not be as estimated. If we choose not to develop PUDs, or if we are not otherwise able to successfully develop them, we will be required to remove the associated volumes from our reported proved reserves. In addition, under the SEC's reserve reporting rules, because PUDs generally may be booked only if they relate to wells scheduled to be drilled within five years of the date of booking, we may be required to write off any PUDs that are not developed within this five-year time frame.

You should not assume that the present values included in this report represent the current market value of our estimated natural gas and oil reserves. In accordance with SEC requirements, the estimates of our present values are based on prices and costs as of the date of the estimates. The price on the date of estimate is calculated as the average natural gas and oil price during the 12 months ending in the current reporting period, determined as the unweighted arithmetic average of prices on the first day of each month within the 12-month period. The December 31, 2010 present value is based on \$4.38 per mcf of natural gas and \$79.42 per barrel of oil before price differential adjustments. Actual future prices and costs may be materially higher or lower than the prices and costs as of the date of an estimate.

Any changes in consumption by natural gas and oil purchasers or in governmental regulations or taxation will also affect the actual future net cash flows from our production.

The timing of both the production and the expenses from the development and production of natural gas and oil properties will affect both the timing of actual future net cash flows from our proved reserves and their present value. In addition, the 10% discount factor which is required by the SEC to be used in calculating discounted future net cash flows for reporting purposes is not necessarily the most accurate discount factor. The effective interest rate at various times and the risks associated with our business or the natural gas and oil industry in general will affect the accuracy of the 10% discount factor.

# Our development and exploratory drilling efforts and our well operations may not be profitable or achieve our targeted returns.

We acquire significant amounts of unproved property in order to further our development efforts. Development and exploratory drilling and production activities are subject to many risks, including the risk that no commercially productive reservoirs will be discovered. We acquire unproved properties and lease undeveloped acreage that we believe will enhance our growth potential and increase our earnings over time.

However, we cannot assure you that all prospects will be economically viable or that we will not abandon our initial investments. Additionally, there can be no assurance that unproved property acquired by us or undeveloped acreage leased by us will be profitably developed, that new wells drilled by us in prospects that we pursue will be productive or that we will recover all or any portion of our investment in such unproved property or wells.

Drilling for natural gas and oil may involve unprofitable efforts, not only from dry wells but also from wells that are productive but do not produce sufficient commercial quantities to cover the drilling, operating and other costs. The cost of drilling, completing and operating a well is often uncertain, and many factors can adversely affect the economics of a well or property. Drilling operations may be curtailed, delayed or canceled as a result of unexpected drilling conditions, equipment failures or accidents, shortages of equipment or personnel, environmental issues and for other reasons. In addition, wells that are profitable may not meet our internal return targets, which are dependent upon the current and future market prices for natural gas and crude oil, costs associated with producing natural gas and oil and our ability to add reserves at an acceptable cost. We rely to a significant extent on seismic data and other advanced technologies in identifying unproved property prospects and in conducting our exploration activities. The seismic data and other technologies we use do not allow us to know conclusively, prior to acquisition of unproved property or drilling a well, whether natural gas or oil is present or may be produced economically. The use of seismic data and other technologies also requires greater pre-drilling expenditures than traditional drilling strategies. Drilling results in our newer natural gas and liquids-rich unconventional plays may be more uncertain than in unconventional plays that are more developed and have longer established production histories, and we can provide no assurance that drilling and completion techniques that have proven to be successful in other unconventional formations to maximize recoveries will be ultimately successful when used in new unconventional formations.

# Certain of our undeveloped leasehold assets are subject to leases that will expire over the next several years unless production is established on units containing the acreage.

Leases on natural gas and oil properties typically have a term of three to five years after which they expire unless, prior to expiration, a well is drilled and production of hydrocarbons in paying quantities is established. If our leases expire and we are unable to renew the leases, we will lose our right to develop the related properties. While we seek to actively manage our leasehold inventory using our drilling rig fleet and service operations to drill sufficient wells to hold the leasehold that we believe is material to our operations, our drilling plans for these areas are subject to change based upon various factors, including drilling results, natural gas and oil prices, the availability and cost of capital, drilling and production costs, availability of drilling services and equipment, gathering system and pipeline transportation constraints and regulatory approvals.

# Our hedging activities may reduce the realized prices we receive for our natural gas and oil sales, require us to provide collateral for hedging liabilities and involve risk that our counterparties may be unable to satisfy their obligations to us.

In order to manage our exposure to price volatility in marketing our natural gas and oil, we enter into natural gas and oil price risk management arrangements for a portion of our expected production. Commodity price derivatives may limit the prices we actually realize and therefore reduce natural gas and oil revenues in the future. Our commodity hedging activities will impact our earnings in various ways, including recognition of certain mark-to-market gains and losses on derivative instruments. The fair value of our natural gas and oil derivative instruments can fluctuate significantly between periods. In addition, our commodity price risk management transactions may expose us to the risk of financial loss in certain circumstances, including instances in which our production is less than expected.

Derivative transactions involve the risk that counterparties, which are generally financial institutions, may be unable to satisfy their obligations to us. Although the counterparties to our multi-counterparty secured hedge facility are required to secure their hedging obligations to us under certain scenarios, if any of our counterparties were to default on its obligations to us under the hedging contracts or seek bankruptcy protection, it could have an adverse effect on our ability to fund our planned activities and could result in a larger percentage of our future production being subject to commodity price changes. The risk of counterparty default is heightened in a poor economic environment.

A substantial portion of our natural gas and oil derivative contracts are with the 12 counterparties in our multi-counterparty hedging facility. Our obligations under the facility are secured by natural gas and oil proved reserves, the value of which must cover the fair value of the transactions outstanding under the facility by at

least 1.65 times. Under certain circumstances, such as a spike in volatility measures without a corresponding change in commodity prices, the collateral value could fall below the coverage designated, and we would be required to post additional reserve collateral to our hedge facility. If we did not have sufficient unencumbered natural gas and oil properties available to cover the shortfall, we would be required to post cash or letters of credit with the counterparties. Future collateral requirements are dependent to a great extent on natural gas and oil prices.

# Natural gas and oil drilling and producing operations can be hazardous and may expose us to liabilities, including environmental liabilities.

Natural gas and oil operations are subject to many risks, including well blowouts, cratering and explosions, pipe failures, fires, formations with abnormal pressures, uncontrollable flows of natural gas, oil, brine or well fluids and other environmental hazards and risks. Our drilling operations involve risks from high pressures and from mechanical difficulties such as stuck pipes, collapsed casings and separated cables. Some of these risks or hazards could materially and adversely affect our revenues and expenses by reducing or shutting in production from wells or otherwise negatively impacting the projected economic performance of our prospects. If any of these risks occurs, we could sustain substantial losses as a result of:

- injury or loss of life;
- severe damage to or destruction of property, natural resources or equipment;
- pollution or other environmental damage;
- clean-up responsibilities;
- regulatory investigations and administrative, civil and criminal penalties; and
- injunctions resulting in limitation or suspension of operations.

There is inherent risk of incurring significant environmental costs and liabilities in our operations due to our generation, handling and disposal of materials, including wastes and petroleum hydrocarbons. We may incur joint and several, strict liability under applicable U.S. federal and state environmental laws in connection with releases of petroleum hydrocarbons and other hazardous substances at, on, under or from our leased or owned properties, some of which have been used for natural gas and oil exploration and production activities for a number of years, often by third parties not under our control. For our non-operated properties, we are dependent on the operator for operational and regulatory compliance. While we may maintain insurance against some, but not all, of the risks described above, our insurance may not be adequate to cover casualty losses or liabilities, and our insurance does not cover penalties or fines that may be assessed by a governmental authority. Also, in the future we may not be able to obtain insurance at premium levels that justify its purchase.

# Potential legislative and regulatory actions could increase our costs, reduce our revenue and cash flow from natural gas and oil sales, reduce our liquidity or otherwise alter the way we conduct our business.

The activities of exploration and production companies operating in the United States are subject to extensive regulation at the federal, state and local levels. Changes to existing laws and regulations or new laws and regulations such as those described below could, if adopted, have an adverse effect on our business.

#### Federal Taxation of Producers of Natural Gas and Oil

Federal budget proposals would potentially increase and accelerate the payment of federal income taxes of producers of natural gas and oil. Proposals that would significantly affect us would repeal the expensing of intangible drilling costs, the percentage depletion allowance and lengthen the amortization period of geological and geophysical expenses. These changes, if enacted, will make it more costly for us to explore for and develop our natural gas and oil resources.

#### OTC Derivatives Regulation

In July 2010, the U.S. Congress enacted the Dodd-Frank Wall Street Reform and Consumer Protection Act (the Dodd-Frank Act), which contains measures aimed at increasing the transparency and stability of the over-the-counter (OTC) derivative markets and preventing excessive speculation. We maintain an active price and basis protection hedging program related to the natural gas and oil we produce to manage the risk of low

commodity prices and to predict with greater certainty the cash flow from our hedged production. We have used the OTC market exclusively for our natural gas and oil derivative contracts. The Dodd-Frank Act and the rules and regulations promulgated thereunder could reduce trading positions in the energy futures markets. Such changes could materially reduce our hedging opportunities and negatively affect our revenues and cash flow during periods of low commodity prices.

# Hydraulic Fracturing

Hydraulic fracturing is used in completing greater than 90% of all natural gas and oil wells drilled today in the United States. Certain environmental and other groups have suggested that additional federal, state and local laws and regulations may be needed to more closely regulate the hydraulic fracturing process. We cannot predict whether any such federal, state or local laws or regulations will be enacted and, if so, what actions any such laws or regulations would require or prohibit. If additional levels of regulation or permitting requirements were imposed through the adoption of new laws and regulations, our business and operations could be subject to delays, increased operating and compliance costs and process prohibitions.

#### Climate Change

Various state governments and regional organizations comprising state governments are considering enacting new legislation and promulgating new regulations governing or restricting the emission of greenhouse gases from stationary sources such as our equipment and operations. At the federal level, the EPA has already made findings and issued regulations that require us to establish and report an inventory of greenhouse gas emissions and that could lead to the imposition of restrictions on greenhouse gas emissions from stationary sources such as ours. Legislative and regulatory proposals for restricting greenhouse gas emissions or otherwise addressing climate change could require us to incur additional operating costs and could adversely affect demand for the natural gas and oil that we sell. The potential increase in our operating costs could include new or increased costs to obtain permits, operate and maintain our equipment and facilities, install new emission controls on our equipment and facilities, acquire allowances to authorize our greenhouse gas emissions, pay taxes related to our greenhouse gas emissions and administer and manage a greenhouse gas emissions program. Moreover, incentives to conserve energy or use alternative energy sources could reduce demand for natural gas and oil.

# The decline in general economic, business and industry conditions since 2008 and the current economic uncertainty may have a material adverse effect on our results of operations, liquidity and financial condition.

Since 2008, concerns over sovereign debt levels, energy costs, geopolitical issues, the availability and cost of credit, the U.S. mortgage market and a declining real estate market in the United States have contributed to increased economic uncertainty and diminished expectations for the global economy.

These factors, combined with volatile natural gas and oil prices, the decline in business and consumer confidence and high unemployment, precipitated an economic slowdown and a recession. Concerns about global economic growth have had a significant adverse impact on global financial markets and commodity prices. If the economic climate in the United States or abroad deteriorates further, demand for petroleum products could continue to diminish and prices for natural gas and oil could decrease, which could adversely impact our results of operations, liquidity and financial condition.

Our cash flow from operations, our revolving bank credit facilities and cash on hand historically have not been sufficient to fund all of our expenditures, and we have relied on the capital markets and asset monetization transactions to provide us with additional capital. Poor economic conditions may negatively affect:

- our ability to access the capital markets at a time when we would like, or need, to raise capital;
- the number of participants in our proposed asset monetization transactions or the values we are able to realize in those transactions, making them uneconomic or harder or impossible to consummate;
- the collectability of our trade receivables and could cause our commodity hedging arrangements to be ineffective if our counterparties are unable to perform their obligations or seek bankruptcy protection; or
- the ability of our industry participation partners to meet their obligations to fund a portion of our drilling
   costs under our industry participation agreements.

# Our operations may be adversely affected by oilfield services shortages, pipeline and gathering system capacity constraints and various transportation interruptions.

From time to time, we experience delays in drilling and completing our natural gas and oil wells. Because of the large scale of our operations, there may not be available drilling rigs of the type we require in certain areas of our operations. Additionally, there is currently a shortage of hydraulic fracturing capacity, especially in the unconventional U.S. natural gas and oil plays where hydraulic fracturing is necessary for the successful development of wells. In developing plays, the demand for equipment such as pipe and compressors can exceed the supply, and it is challenging to attract and retain qualified oilfield workers. Delays in developing our natural gas and oil assets for these and other reasons could negatively affect our revenues and cash flow.

In certain natural gas shale plays, the capacity of gathering systems and transportation pipelines is insufficient to accommodate potential production from existing and new wells. Capital constraints could limit the construction of new pipelines and gathering systems by third parties, and we may experience delays in building intrastate gathering systems necessary to transport our natural gas to interstate pipelines. Until this new capacity is available, we may experience delays in producing and selling our natural gas. In such event, we might have to shut in our wells awaiting a pipeline connection or capacity and/or sell natural gas production at significantly lower prices than those quoted on NYMEX or than we currently project, which would adversely affect our results of operations.

A portion of our natural gas and oil production in any region may be interrupted, or shut in, from time to time for numerous reasons, including as a result of weather conditions, accidents, loss of pipeline or gathering system access, field labor issues or strikes, or we might voluntarily curtail production in response to market conditions. If a substantial amount of our production is interrupted at the same time, it could temporarily adversely affect our cash flow.

# **ITEM 1B.** Unresolved Staff Comments

None.

#### ITEM 2. Properties

Information regarding our properties is included in Item 1 and in Note 10 of the notes to our consolidated financial statements included in Item 8 of this report.

### ITEM 3. Legal Proceedings

#### Litigation

On February 25, 2009, a putative class action was filed in the U.S. District Court for the Southern District of New York against the company and certain of its officers and directors along with certain underwriters of the company's July 2008 common stock offering. Following the appointment of a lead plaintiff and counsel, the plaintiff filed an amended complaint on September 11, 2009 alleging that the registration statement for the offering contained material misstatements and omissions and seeking damages under Sections 11, 12 and 15 of the Securities Act of 1933 of an unspecified amount and rescission. The action was transferred to the U.S. District Court for the Western District of Oklahoma on October 13, 2009. The defendants' motion to dismiss was denied on September 2, 2010. A derivative action was also filed in the District Court of Oklahoma County, Oklahoma on March 10, 2009 against the company's directors and certain of its officers alleging breaches of fiduciary duties relating to the disclosure matters alleged in the securities case. The derivative action is stayed pursuant to stipulation.

On March 26, 2009, a shareholder filed a petition in the District Court of Oklahoma County, Oklahoma seeking to compel inspection of company books and records relating to compensation of the company's CEO. On August 20, 2009, the court denied the inspection demand, dismissed the petition and entered judgment in favor of Chesapeake. The shareholder is appealing the court's ruling in the Oklahoma Court of Civil Appeals.

Three derivative actions were filed in the District Court of Oklahoma County, Oklahoma on April 28, May 7, and May 20, 2009 against the company's directors alleging breaches of fiduciary duties relating to compensation of the company's CEO and alleged insider trading, among other things, and seeking unspecified damages, equitable relief and disgorgement. These three derivative actions were consolidated and a

Consolidated Derivative Shareholder Petition was filed on June 23, 2009. Chesapeake is named as a nominal defendant. Chesapeake's motion to dismiss was granted on February 28, 2010, and plaintiffs were given leave to amend. Plaintiffs chose not to amend and on April 9, 2010, at plaintiffs' request, the court entered an order certifying that the February 28, 2010 dismissal was a final, appealable order. Plaintiffs are appealing the dismissal in the Oklahoma Court of Civil Appeals.

We are currently unable to assess the probability of loss or estimate a range of potential loss associated with the foregoing cases. It is inherently difficult to predict the outcome of any litigation, and these proceedings are at an early stage.

Chesapeake is also involved in various other lawsuits and disputes incidental to its business operations, including commercial disputes, personal injury claims, claims for underpayment of royalties, property damage claims and contract actions. With regard to the latter, several mineral or leasehold owners have filed lawsuits against us seeking specific performance to require us to acquire their oil and natural gas interests and pay acreage bonus payments, damages based on breach of contract and/or, in certain cases, punitive damages based on alleged fraud. The company believes that it has substantial defenses to the claims made in these purchase and sale cases. The company records an associated liability when a loss is probable and the amount is reasonably estimable. Although the outcome of litigation cannot be predicted with certainty, management is of the opinion that no pending or threatened lawsuit or dispute incidental to its business operations is likely to have a material adverse effect on the company's consolidated financial position, results of operations or cash flows. The final resolution of such matters could exceed amounts accrued, however, and actual results could differ materially from management's estimates.

There are pending against us enforcement actions initiated in the 2010 fourth quarter and 2011 first quarter by the Pennsylvania Department of Environmental Protection related to alleged methane migration into the groundwater and residential water wells and by the U.S. Environmental Protection Agency related to our compliance with Clean Water Act permitting requirements in West Virginia. We have responded to all pending orders and are actively cooperating with the relevant agencies. While we cannot predict with certainty whether these actions will result in fines or penalties, if fines or penalties are imposed, we reasonably believe that each of these actions would result in monetary sanctions exceeding \$100,000.

ITEM 4. Reserved

# ITEM 5. Market for Registrant's Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities

## Price Range of Common Stock and Dividends

Our common stock trades on the New York Stock Exchange under the symbol "CHK". The following table sets forth, for the periods indicated, the high and low sales prices per share of our common stock as reported by the New York Stock Exchange and the amount of cash dividends declared per share:

|                               | Common Stock |       |    | Dividend |          |       |
|-------------------------------|--------------|-------|----|----------|----------|-------|
|                               |              | High  |    | Low      | Declared |       |
| Year ended December 31, 2010: |              |       |    |          |          |       |
| Fourth Quarter                | \$           | 26.15 | \$ | 21.12    | \$       | 0.075 |
| Third Quarter                 | \$           | 22.65 | \$ | 20.04    | \$       | 0.075 |
| Second Quarter                | \$           | 25.36 | \$ | 20.75    | \$       | 0.075 |
| First Quarter                 | \$           | 28.97 | \$ | 22.37    | \$       | 0.075 |
| Year ended December 31, 2009: |              |       |    |          |          |       |
| Fourth Quarter                | \$           | 30.00 | \$ | 22.06    | \$       | 0.075 |
| Third Quarter                 | \$           | 29.49 | \$ | 16.92    | \$       | 0.075 |
| Second Quarter                | \$           | 24.66 | \$ | 16.43    | \$       | 0.075 |
| First Quarter                 | \$           | 20.13 | \$ | 13.27    | \$       | 0.075 |

At February 24, 2011, there were approximately 2,050 holders of record of our common stock and approximately 398,250 beneficial owners.

While we expect to continue to pay dividends on our common stock, the payment of future cash dividends is subject to the discretion of our Board of Directors and will depend upon, among other things, our financial condition, our funds from operations, the level of our capital and development expenditures, our future business prospects, contractual restrictions and other factors considered relevant by the Board of Directors.

In addition, our corporate revolving bank credit facility contains a restriction on our ability to declare and pay cash dividends on our common or preferred stock if an event of default has occurred. The certificates of designation for our preferred stock prohibit payment of cash dividends on our common stock unless we have declared and paid (or set apart for payment) full accumulated dividends on the preferred stock.

# Purchases of Common Stock

The following table presents information about repurchases of our common stock during the three months ended December 31, 2010:

| Period   | Total Number<br>of Shares<br>Purchased <sup>(a)</sup> | Pr | werage<br>ice Paid<br>r Share <sup>(a)</sup> | Total<br>Number of<br>Shares<br>Purchased<br>as Part of<br>Publicly<br>Announced<br>Plans or<br>Programs | Maximum<br>Number of<br>Shares That<br>May Yet Be<br>Purchased<br>Under the<br>Plans or<br>Programs <sup>(b)</sup> |
|--|---|----|--|--|--|
| October 1, 2010 through October 31,<br>2010<br>November 1, 2010 through November 30, | 206,562   | \$ | 21.90  |  | _  |
| 2010<br>December 1, 2010 through December 31,  | 8,331   | \$ | 21.37  |  |  |
| 2010   | 12,909  | \$ | 25.92  |  |  |
| Total  | 227,802   | \$ | 23.06  |  |  |

(a) Represents the deemed surrender to the company of 4,389 shares of common stock to pay the exercise price and withholding taxes in connection with the exercise of employee stock options and the surrender to the company of 223,413 shares of common stock to pay withholding taxes in connection with the vesting of employee restricted stock. (b) We make matching contributions to our 401(k) plan and deferred compensation plan using Chesapeake common stock which is held in treasury or is purchased by the respective plan trustees in the open market. The plans contain no limitation on the number of shares that may be purchased for the purposes of the company contributions. There are no other repurchase plans or programs currently authorized by the Board of Directors.

# ITEM 6. Selected Financial Data

The following table sets forth selected consolidated financial data of Chesapeake for the years ended December 31, 2010, 2009, 2008, 2007 and 2006. The data are derived from our audited consolidated financial statements revised to reflect the reclassification of certain items. The table should be read in conjunction with *Management's Discussion and Analysis of Financial Condition and Results of Operations* and our consolidated financial statements, including the notes, appearing in Items 7 and 8 of this report.

|   | Years Ended December 31, |               |    |               |      |              |      |              |    |              |
|---|--------------------------|---------------|----|---------------|------|--------------|------|--------------|----|--------------|
|   | - 2                      | 2010          |    | 2009          |      | 2008         | 4    | 2007         |    | 2006         |
| STATEMENT OF OPERATIONS DATA:                   |                          | (\$           | in | millions      | , e) | cept pe      | r sh | are data     | a) |              |
| REVENUES:                                       |                          |               | •  |               | •    |              | ~    |              | •  |              |
| Natural gas and oil sales                       | \$                       | 5,647         | \$ | 5,049         | \$   | 7,858        | \$   | 5,624        | \$ | 5,619        |
| Marketing, gathering and compression sales      |                          | 3,479<br>240  |    | 2,463<br>190  |      | 3,598<br>173 |      | 2,040<br>136 |    | 1,577<br>130 |
| Service operations revenue                      |                          |               |    |               |      |              |      |              |    |              |
| Total revenues                                  |                          | 9,366         |    | 7,702         |      | 11,629       |      | 7,800        |    | 7,326        |
| OPERATING COSTS:                                |                          |               |    | 070           |      |              |      | 0.40         |    | 100          |
| Production expenses                             |                          | 893           |    | 876           |      | 889          |      | 640          |    | 490          |
| Production taxes                                |                          | 157           |    | 107           |      | 284          |      | 216          |    | 176          |
| General and administrative expenses             |                          | 453           |    | 349           |      | 377          |      | 243          |    | 139          |
| Marketing, gathering and compression expenses   |                          | 3,352         |    | 2,316         |      | 3,505        |      | 1,969        |    | 1,522        |
| Service operations expense                      |                          | 208           |    | 182           |      | 143          |      | 94           |    | 68           |
| Natural gas and oil depreciation, depletion and |                          | 200           |    |               |      |              |      | 0.1          |    |              |
| amortization                                    |                          | 1,394         |    | 1,371         |      | 1,970        |      | 1,835        |    | 1,359        |
| Depreciation and amortization of other          |                          |               |    |               |      |              |      |              |    |              |
| assets  |                          | 220           |    | 244           |      | 174          |      | 153          |    | 103          |
| Impairment of natural gas and oil properties    |                          |               |    | 11,000        |      | 2,800        |      | —            |    |              |
| (Gains) losses on sales of other property and   |                          | (             |    |               |      |              |      |              |    |              |
| equipment                                       |                          | (137)         |    | 38            |      |              |      |              |    | _            |
| Other impairments                               |                          | 21            |    | 130<br>34     |      | 30           |      |              |    |              |
| Restructuring costs                             |                          |               |    | 54            |      |              |      |              |    | <br>55       |
| Employee retirement expense                     |                          |               |    | 40.047        |      | 40.470       |      | <u> </u>     |    |              |
| Total Operating Costs                           |                          | 6,561         |    | 16,647        |      | 10,172       |      | 5,150        |    | 3,912        |
| INCOME (LOSS) FROM OPERATIONS                   |                          | 2,805         |    | (8,945)       |      | 1,457        |      | 2,650        |    | 3,414        |
| OTHER INCOME (EXPENSE):                         |                          |               |    |               |      |              |      |              |    |              |
| Interest expense                                |                          | (19)          |    | (113)         |      | (271)        |      | (401)        |    | (316)        |
| Earnings (losses) from equity investees         |                          | 227           |    | (39)          |      | (38)         |      |              |    | 10           |
| Losses on redemptions or exchanges of           |                          | (420)         |    | (40)          |      | (4)          |      |              |    |              |
| debt  |                          | (129)<br>(16) |    | (40)<br>(162) |      | (4)<br>(180) |      |              |    |              |
| Gain on sale of investments                     |                          | (10)          |    | (102)         |      | (100)        |      | 83           |    | 117          |
| Other income                                    |                          | 16            |    | 11            |      | 27           |      | 15           |    | 16           |
| Total Other Income (Expense)                    |                          | 79            |    | (343)         |      | (466)        |      | (303)        |    | (173)        |
| INCOME (LOSS) BEFORE INCOME TAXES               |                          | 2,884         |    | (9,288)       |      |              |      | 2,347        |    | 3,241        |
| INCOME TAX EXPENSE (BENEFIT):                   |                          |               |    | /             |      |              |      |              |    | ·            |
| Current income taxes                            |                          |               |    | 4             |      | 423          |      | 29           |    | 5            |
| Deferred income taxes                           |                          | 1,110         |    | (3,487)       |      | (36)         |      | 863          |    | 1,242        |
| Total Income Tax Expense (Benefit)              |                          | 1,110         | _  | (3,483)       | -    | 387          |      | 892          |    | 1,247        |
|   | —                        | 1,110         | _  | (0,400)       | _    |              | _    |              |    | 1,           |

|   | Years Ended December 31, |                  |    |                  |      |                       |    |                  |          |                 |
|---|--------------------------|------------------|----|------------------|------|-----------------------|----|------------------|----------|-----------------|
|   |                          | 2010             |    | 2009             |      | 2008                  |    | 2007             |          | 2006            |
| STATEMENT OF OPERATIONS DATA -  |                          | (\$              | in | millions         | , e: | xcept <sup>-</sup> pe | rs | hare data        | a)       |                 |
| (continued):<br>NET INCOME (LOSS)<br>Net (income) loss attributable to noncontrolling |                          | 1,774            |    | (5,805)          |      | 604                   |    | 1,455            |          | 1,994           |
| interest  |                          |                  |    | (25)             |      |                       |    |                  |          |                 |
| NET INCOME (LOSS) ATTRIBUTABLE TO<br>CHESAPEAKE                                       |                          | 1,774            |    | (5,830)          |      | 604                   |    | 1,455            |          | 1,994           |
| Preferred stock dividends   |                          | (111)            |    | (23)             |      | (33)                  |    | (94)             |          | (89)            |
| stock   |                          |                  |    |                  |      | (67)                  |    | (128)            |          | (10)            |
| NET INCOME (LOSS) AVAILABLE TO<br>COMMON STOCKHOLDERS                                 | \$                       | 1,663            | \$ | (5,853)          | \$   | 504                   | \$ | 1,233            | \$       | 1,895           |
| EARNINGS (LOSS) PER COMMON SHARE:   |                          |                  |    |                  |      | ;                     |    |                  |          |                 |
| Basic   |                          |                  |    | (9.57)<br>(9.57) |      |                       |    |                  | \$<br>\$ | 4.76<br>4.33    |
| CASH DIVIDENDS DECLARED PER COMMON  |                          |                  | •  |                  |      |                       |    | •                |          |                 |
| SHARE   | \$                       | 0.30             | \$ | 0.30             | \$   | 0.2925                | \$ | 0.2625           | \$       | 0.23            |
| CASH FLOW DATA:<br>Cash provided by operating activities                              | ¢                        | 5 117            | ¢  | 1 356            | ¢    | 5 257                 | ¢  | 4,974            | \$       | 4,843           |
| Cash used in investing activities   | ֆ<br>\$                  |                  |    |                  |      |                       |    | 7,964            |          |                 |
| Cash provided by (used in) financing activities                                       | \$                       | -                |    | (336)            |      |                       |    | 2,988            |          | 4,042           |
| BALANCE SHEET DATA (AT END OF PERIOD):  |                          |                  |    |                  |      |                       |    |                  |          |                 |
| Total assets  |                          |                  |    | 29,914           |      | ,                     |    | 30,764           |          | 24,413          |
| Long-term debt, net of current maturities   |                          | 12,640<br>15,264 |    | 12,295<br>12,341 |      | 13,175<br>17,017      |    | 10,178<br>12,624 |          | 7,187<br>11,366 |

# ITEM 7. Management's Discussion and Analysis of Financial Condition and Results of Operations

# **Financial Data**

The following table sets forth certain information regarding the production volumes, natural gas and oil sales, average sales prices received, other operating income and expenses for the periods indicated:

|  | Years Ended December 31 |  |                         |  | er 31,                  |  |
|--|-------------------------|--|-------------------------|--|-------------------------|--|
|  |                         | 2010   |                         | 2009   |                         | 2008   |
| Net Production:         Natural gas (bcf)         Oil (mmbbl) <sup>(a)</sup> Natural gas equivalent (bcfe)   |                         | 924.9<br>18.4<br>1,035.2                             |                         | 834.8<br>11.8<br>905.5                               |                         | 775.4<br>11.2<br>842.7                               |
| Natural Gas and Oil Sales (\$ in millions):<br>Natural gas sales<br>Natural gas derivatives – realized gains (losses)<br>Natural gas derivatives – unrealized gains (losses)   | \$                      | 3,169<br>1,982<br>425                                | \$                      | 2,635<br>2,313<br>(492)                              | \$                      | 6,003<br>267<br>521                                  |
| Total natural gas sales         Oil sales <sup>(a)</sup> Oil derivatives – realized gains (losses)         Oil derivatives – unrealized gains (losses)   | _                       | 5,576<br>1,079<br>74<br>(1,082)                      |                         | 4,456<br>656<br>33<br>(96)                           |                         | 6,791<br>1,066<br>(275)<br>276                       |
| Total oil sales  |                         | 71   |                         | 593  |                         | 1,067  |
| Total natural gas and oil sales  | \$                      | 5,647  | \$                      | 5,049  | \$                      | 7,858  |
| Average Sales Price (excluding gains (losses) on derivatives):         Natural gas (\$ per mcf)         Oil (\$ per bbl)         Natural gas equivalent (\$ per mcfe)  | \$<br>\$<br>\$          | 3.43<br>58.67<br>4.10                                | \$ \$ \$                | 3.16<br>55.60<br>3.63                                | \$<br>\$<br>\$          | 7.74<br>95.04<br>8.39                                |
| derivatives):         Natural gas (\$ per mcf)         Oil (\$ per bbl)         Natural gas equivalent (\$ per mcfe)         Other Operating Income <sup>(b)</sup> (\$ in millions):         Marketing, gathering and compression net margin | \$<br>\$                | 5.57<br>62.71<br>6.09<br>127                         | \$\$\$\$                | 5.93<br>,58.38<br>6.22<br>147                        | \$<br>\$<br>\$<br>\$    | 8.09<br>70.48<br>8.38<br>93                          |
| Service operations net margin  | \$<br>\$                | 32<br>0.12   | \$<br>\$                | 8<br>0.16  | \$<br>\$                | 30<br>0.11   |
| Service operations net margin  | \$\$\$\$\$              | 0.03<br>0.86<br>0.15<br>0.44<br>1.35<br>0.21<br>0.08 | \$ \$ \$ \$ \$ \$ \$ \$ | 0.01<br>0.97<br>0.12<br>0.38<br>1.51<br>0.27<br>0.22 | \$ \$ \$ \$ \$ \$ \$ \$ | 0.04<br>1.05<br>0.34<br>0.45<br>2.34<br>0.21<br>0.22 |
| Interest Expense (\$ in millions):<br>Interest expense <sup>(c)</sup><br>Interest rate derivatives – realized (gains) losses<br>Interest rate derivatives – unrealized (gains) losses  | \$                      | 99<br>(14)<br>(66)                                   | \$                      | 227<br>(23)<br>(91)                                  | \$                      | 192<br>(6)<br>85                                     |
| Total interest expense   | \$                      | 19   | \$                      | 113  | \$                      | 271  |
| Net Wells Drilled<br>Net Producing Wells as of the End of Period   |                         | 1,149<br>22,617                                      |                         | 1,003<br>22,919                                      |                         | 1,733<br>22,813                                      |

(a) Includes NGLs.

(b) Includes revenue and operating costs and excludes depreciation and amortization of other assets.

(c) Includes the effects of realized (gains) losses from interest rate derivatives, but excludes the effects of unrealized (gains) losses and is net of amounts capitalized.

We manage our business as three separate operational segments: exploration and production; marketing, gathering and compression; and service operations, which is comprised of our wholly owned drilling and trucking operations. We refer you to Note 16 of the notes to our consolidated financial statements appearing in Item 8 of this report, which summarizes by segment our net income and capital expenditures for 2010, 2009 and 2008 and our assets as of December 31, 2010, 2009 and 2008.

#### Executive Summary

We are the second-largest producer of natural gas and a top 20 producer of oil and natural gas liquids in the U.S. We own interests in approximately 46,000 producing natural gas and oil wells that are currently producing approximately 3.0 bcfe per day, 87% of which is natural gas. Our strategy is focused on discovering and developing unconventional natural gas and oil fields onshore in the U.S., primarily in the Barnett Shale in the Fort Worth Basin of north-central Texas, the Haynesville and Bossier Shales in northwestern Louisiana and East Texas, the Favetteville Shale in the Arkoma Basin of central Arkansas, and the Marcellus Shale in the northern Appalachian Basin of West Virginia and Pennsylvania. We also have substantial operations in the liquids-rich plays of the Eagle Ford Shale in South Texas, the Granite Wash, Cleveland, Tonkawa and Mississippian plays in the Anadarko Basin in western Oklahoma and the Texas Panhandle, the Niobrara Shale, Frontier and Codell plays in the Powder River and DJ Basins of Wyoming and Colorado and the Avalon, Bone Spring, Wolfcamp and Wolfberry plays in the Permian and Delaware Basins of West Texas and southern New Mexico, as well as various other plays, both conventional and unconventional, in the Mid-Continent, Williston Basin, Appalachian Basin, South Texas, Texas Gulf Coast and Ark-La-Tex regions of the U.S. We have also vertically integrated our operations and own substantial midstream, compression, drilling and oilfield service assets. As described below, we have agreed to sell our Fayetteville Shale assets in a transaction expected to close in the first half of 2011.

Chesapeake began 2010 with estimated proved reserves of 14.254 tcfe and ended the year with 17.096 tcfe, an increase of 2.842 tcfe, or 20%. During 2010, we replaced 1.035 tcfe of production with an estimated 3.877 tcfe of new proved reserves, for a reserve replacement rate of 375%. The 2010 proved reserve movement included 5.098 tcfe of extensions, 0.006 tcfe of downward performance revisions and 0.189 tcfe of positive revisions resulting from an increase in the twelve-month trailing average natural gas and oil prices between December 31, 2009 and December 31, 2010. During 2010, we acquired 0.089 tcfe of estimated proved reserves.

Chesapeake continued the industry's most active drilling program in 2010 and drilled 1,445 gross (938 net) operated wells and participated in another 1,586 gross (211 net) wells operated by other companies. The company's drilling success rate was 98% for both company-operated and non-operated wells. Also during 2010, we invested \$4.6 billion in operated wells (using an average of 131 operated rigs) and \$815 million in non-operated wells (using an average of 123 non-operated rigs) for total drilling and completion costs of \$5.4 billion, net of drilling and completion cost carries of \$1.2 billion.

Our average daily production for 2010 of 2.836 bcfe consisted of 2.534 bcf (89% on a natural gas equivalent basis) and 50,397 bbls (11% on a natural gas equivalent basis) and was an increase of 355 mmcfe, or 14%, over the 2.481 bcfe of daily production for 2009. Total production for 2010 was 1,035 tcfe, an increase of 129.7 bcfe, or 14%, over 2009 total production of 905.5 bcfe. This was our 21st consecutive year of sequential production growth.

Since 2000, Chesapeake has built the largest combined inventories of onshore leasehold (13.3 million net acres) and 3-D seismic (27.9 million acres) in the U.S. This position includes the largest inventory of U.S. natural gas shale play leasehold (2.5 million net acres) as well as the largest combined leasehold position in two of the three largest new unconventional liquids-rich plays in the U.S. – the Eagle Ford Shale and the Niobrara Shale. We are currently using 157 operated rigs to further develop our inventory of approximately 37,800 net drillsites.

#### Implementing Our Strategy

In recognition of the value gap between oil and natural gas prices, during the past two years Chesapeake has directed a significant portion of its technological, geo-scientific, leasehold acquisition and drilling expertise to identifying, securing and commercializing new unconventional liquids-rich plays. This planned transition will result in a more balanced portfolio between natural gas and liquids. To date, we have built leasehold positions and established production in multiple unconventional liquids-rich plays on approximately 4.1 million net leasehold acres. In 2010, we invested approximately \$4.7 billion, net of divestitures, primarily in liquids-rich acreage, and we allocated approximately 30% of our \$5.4 billion drilling and completion capital expenditures to these plays, compared to 10% in 2009. Our production of oil and natural gas liquids was 50,397 bbls per day during 2010, a 56% increase over the average for 2009 as a result of the increased development of our unconventional liquids-rich plays. We are projecting that the portion of drilling and completion capital expenditures allocated to liquids development will reach 50% in 2011 and 75% in 2012, and we expect to increase our oil and natural gas liquids production through our drilling activities to more than 150,000 bbls per day, or 20%-25% of total production, by year-end 2012.

This shift to a greater emphasis on liquids production is a continuation of our general business strategy outlined in Item 1. *Business*. Our goal is to create value for investors by focusing on developing unconventional resource plays onshore in the U.S. We do so by:

- Growing through the drillbit We are the most active driller in the U.S., have our own fleet of 105 drilling rigs and are currently using 157 operated rigs. Our integrated marketing, gathering, compression and trucking services operations support our drilling activities so that we are able to manage the development of our leasehold efficiently and strategically.
- Controlling substantial land and drilling location inventories and building regional scale We have been first movers in capturing both natural gas and liquids-rich unconventional leasehold and resources. During 2010, we invested heavily in a large number of highly competitive liquids-rich unconventional plays in order to accelerate our transition to increased liquids production. We now have achieved many of our leasehold acquisition goals and are becoming a significant seller of leasehold through new industry participation agreements and the pending sale of our Fayetteville Shale assets.
- Developing proprietary technological advantages We support the scale of our operations with what we believe is the nation's largest inventory of 3-D seismic information and our state-of-the-art Reservoir Technology Center, or RTC. The RTC provides us a substantial competitive advantage, enabling us among other things to more quickly, accurately and confidentially analyze core data from wells drilled through unconventional formations on a proprietary basis and then identify new plays and leasing opportunities ahead of our competition and reduce the likelihood of investing in plays that ultimately are not commercial. Our 3-D seismic data permits us to image reservoirs of natural gas and oil that might otherwise remain undiscovered and to drill our horizontal wells more accurately inside the targeted formation.
- Focusing on low costs We minimize lease operating costs and general and administrative expenses through focused activities, vertical integration and increasing scale. As of December 31, 2010, our operated wells accounted for approximately 80% of our daily production volume, providing us with a high degree of operational flexibility and cost control.
- Mitigating natural gas and oil price risk We actively seek to manage our exposure to adverse market
  prices for natural gas and oil through our hedging program. Hedging allows us to predict with greater
  certainty the effective prices we will receive for our hedged natural gas and oil production. Our realized
  cash hedging gains for 2010 were \$2.056 billion and since January 1, 2001 have been \$6.478 billion.
- Using industry participation agreements Through industry participation property sales, we have
  recouped substantially all of our lease acquisition costs in six of our significant unconventional
  operating areas, and we hold leasehold in new plays which we believe will be best developed through
  future industry participation agreements. In addition, drilling cost carries allow us to accelerate the
  development of new plays at a reduced cost to us. We pioneered the industry participation model of
  unconventional natural gas and oil development, and many other E&P companies have followed with
  their own industry participation agreements in the past two years.

Our strategic and financial plan for 2011-2012, announced on January 6, 2011 as our "25/25 Plan", calls for a 25% reduction in our outstanding long-term debt while growing net natural gas and oil production by 25% by the end of 2012. We expect to achieve the reduction in debt through asset monetizations. Among the several benefits of lower debt are lower borrowing costs, and we believe improved credit metrics will lead to a more favorable debt rating by the major ratings agencies.

Our goal of a 25% reduction in debt by year-end 2012 is part of our liability management plan begun in 2010. During 2010, we issued in private placements 2.6 million shares of two series of our 5.75% Cumulative Non-Voting Convertible Preferred Stock resulting in net proceeds to us of approximately \$2.562 billion. We used the net proceeds of these preferred stock offerings to redeem in whole \$1.934 billion in principal amount of four series of our outstanding senior notes. Additionally, through tender offers followed by redemptions, we purchased \$1.5 billion aggregate principal amount of three additional series of senior notes. We funded the purchase of the notes tendered and redeemed with proceeds from a \$2.0 billion public offering of two series of senior notes. We retired all series of our outstanding senior notes that were issued under our more restrictive indentures. Excess funds from our offerings were used to repay borrowings outstanding under our corporate revolving bank credit facility.

During 2011, we plan to take steps to extend the maturity profile of our outstanding indebtedness at advantageous rates. On February 11, 2011, the company issued \$1.0 billion principal amount of 6.125% Senior Notes due 2021 in a registered public offering. We applied the net proceeds of \$977 million from the offering to our revolving bank credit facility balance and plan to use proceeds from asset sales to retire at least \$2.0 - \$3.0 billion of our shorter-dated senior notes and also to reduce borrowings under our revolving bank credit facility.

Asset monetizations were also key elements of our strategic and financial plan in 2010 and early 2011, as described below.

# Industry Participation Agreements

In 2010, Chesapeake completed its fourth and fifth significant industry participation agreements in unconventional natural gas and oil plays. In January 2010, Total E&P USA, Inc., a wholly owned subsidiary of Total S.A. (Total), purchased a 25% undivided interest in 270,000 net acres of our Barnett Shale leasehold, along with 840 bcfe of estimated proved reserves, for approximately \$800 million in cash (plus \$78 million of drilling and completion carries due from the effective date of the transaction to the closing date). Total agreed to fund 60% of our share of future drilling and completion expenditures in the Barnett Shale until it has paid a total of \$1.45 billion in drilling and completion carries, which we expect to occur by year-end 2013. In November 2010, a wholly owned subsidiary of CNOOC Limited (CNOOC) purchased a 33.3% undivided interest in 600,000 net acres of our Eagle Ford Shale leasehold, along with 18.2 bcfe of estimated proved reserves, for approximately \$1.12 billion in cash. In addition, CNOOC agreed to fund 75% of our share of drilling and completion costs in the Eagle Ford Shale until an additional \$1.08 billion has been paid, which we expect to occur by year-end 2012. All proceeds from these transactions are reflected as a reduction of natural gas and oil properties with no gain or loss recognized. Both Total and CNOOC have the right to participate proportionately with us in any additional leasehold we acquire in the Barnett Shale and the Eagle Ford Shale, respectively, at cost plus a fee.

The following table provides information about our remaining industry participation agreement drilling and completion carries as of December 31, 2010:

| Shale<br>Play | Industry Participation<br>Agreement Partner Date |               | Carries<br>Remaining |
|---------------|--|---------------|----------------------|
|               |  |               | <br>(\$ in millions) |
| Marcellus     | Statoil  | November 2008 | \$<br>1,362          |
| Barnett       | Total  | January 2010  | 889                  |
| Eagle Ford    | CNOOC  | November 2010 | 1,030                |
|               |  |               | \$<br>3,281          |

On February 16, 2011, we entered into an industry participation agreement with a wholly owned U.S. subsidiary of CNOOC Limited (CNOOC) to develop our Niobrara Shale play in the DJ and Powder River Basins in northeast Colorado and southeast Wyoming. Under the terms of the industry participation agreement, CNOOC acquired a 33.3% undivided interest in approximately 800,000 net acres of our leasehold. We received \$570 million in cash at closing, and CNOOC has agreed to fund 66.7% of our share of drilling and completion costs until an additional \$697 million has been paid, which we expect to occur by year-end 2014. In addition, CNOOC has the right to a 33.3% participation in any additional leasehold we acquire in the area at cost plus a fee.

The drilling and completion carries in our industry participation agreements create a significant cost advantage that allows us to continue to lower finding costs. During 2010 and 2009, our drilling and completion costs included the benefit of approximately \$1.151 billion and \$1.154 billion, respectively, of drilling and completion carries. Our drilling and completion costs for 2011 through 2014 will continue to be participation by the use of our remaining drilling and completion carries associated with our industry participation agreements.

#### Volumetric Production Payments

We completed three volumetric production payments (VPPs) in 2010, bringing the total of such transactions to eight. The company's sixth VPP was completed in February 2010 for proceeds of approximately \$180 million, or \$3.95 per mcfe. In June 2010, we completed our seventh VPP for proceeds of approximately \$335 million, or \$8.73 per mcfe. In September 2010, we completed our eighth VPP for proceeds of approximately \$1.15 billion, or \$2.93 per mcfe. The cash proceeds from these transactions are reflected as a reduction of natural gas and oil properties with no gain or loss recognized.

#### Other Asset Sales

In 2010, we sold non-core proved and unproved properties for proceeds of approximately \$355 million. During 2010, as part of our industry participation agreements with Total, Statoil and PXP, we sold interests in additional leasehold in the Barnett, Marcellus and Haynesville Shale plays for proceeds of approximately \$440 million that had an estimated original cost to us of \$220 million. The cash proceeds from these transactions are reflected as a reduction of natural gas and oil properties with no gain or loss recognized.

# Chesapeake Midstream Partners, L.P. IPO and Asset Sale

On August 3, 2010, Chesapeake Midstream Partners, L.P. (NYSE: CHKM), which we and GIP formed to own, operate, develop and acquire midstream assets, completed an initial public offering of common units representing limited partner interests and received net proceeds of approximately \$475 million. In connection with the closing of the offering and pursuant to the terms of our contribution agreement with GIP, CHKM distributed to GIP the approximate \$62 million of net proceeds from the exercise of the offering over-allotment option, and Chesapeake and GIP contributed the interests of their midstream joint venture operating subsidiary to CHKM. Chesapeake and GIP hold 42.3% and 40.0%, respectively, of all outstanding limited partner interests, and Chesapeake and GIP each have a 50% interest in the general partner of CHKM. CHKM makes quarterly distributions to its partners, and at the current annual rate of \$1.35 per unit, Chesapeake receives quarterly distributions of approximately \$20 million in respect of its limited partner and general partner interests. In 2010, we received cash distributions of \$88 million from CHKM and its predecessor joint venture.

We account for our investment in CHKM under the equity method. During 2010, we recorded positive equity method adjustments of \$89 million for our share of CHKM's income and recorded accretion adjustments of \$14 million for our share of equity in excess of cost. As a result of CHKM's initial public offering, we recognized a \$90 million gain on our investment, which represented our proportionate share of the excess of offering proceeds over the carrying value of our investment in CHKM and is reported in earnings (losses) from equity investees on our consolidated statements of operations.

On December 21, 2010, we sold our Springridge natural gas gathering system and related facilities in the Haynesville Shale to CHKM for \$500 million and entered into ten-year gathering and compression agreements with CHKM. Additional information on the transaction is included in Item 1 under *Marketing, Gathering and Compression - Midstream Gathering Operations.* 

#### Pending and Planned Asset Sales

*Fayetteville Shale.* On February 21, 2011, we entered into a purchase and sale agreement with a wholly owned subsidiary of BHP Billiton to sell all of our Fayetteville Shale assets, including approximately 487,000 net acres of leasehold and producing natural gas properties and midstream assets with approximately 420 miles of pipeline, for \$4.75 billion in cash before certain deductions and standard closing adjustments. In the Fayetteville Shale, our current net production is approximately 415 mmcfe per day. Estimated proved reserves attributable to the Fayetteville Shale as of December 31, 2010 were 2.4 tcfe, or approximately 14% of our total proved reserves. As part of the transaction, we have agreed to provide essential services for up to one year for BHP Billiton's Fayetteville Shale properties for an agreed-upon fee. Closing of the transaction is subject to

customary conditions, including filings under the Hart-Scott-Rodino Antitrust Improvements Act of 1976 and with the Committee on Foreign Investment in the United States. Closing is expected to occur in the first half of 2011.

*Frac Tech Holdings, LLC and Chaparral Energy, Inc. Asset Sales.* We plan to sell our 25.8% equity interest in Frac Tech Holdings, LLC and our 20% equity interest in Chaparral Energy, Inc. Each of the foregoing proposed transactions is subject to changes in market conditions and other factors, and there can be no assurance that we will complete any or all of these transactions on a timely basis or at all.

Other. During 2011, the company expects to enter into additional asset monetizations, including industry participation agreements in liquids-rich plays, new VPPs, certain midstream assets sales and various other smaller planned sales.

# **Capital Expenditures**

Our exploration, development and acquisition activities require us to make substantial capital expenditures. Our current budgeted drilling and completion capital expenditures, net of drilling and completion carries, are \$5.0 - \$5.4 billion in 2011 and \$5.4 - \$5.8 billion in 2012. We anticipate funding all or substantially all budgeted drilling and completion capital expenditures using cash flow from operations in 2011 and 2012. We plan to fund our leasehold acquisition capital expenditures, together with other capital expenditure requirements, with a combination of revolving bank credit facility borrowings and proceeds from asset monetizations. As of December 31, 2010, we had made commitments to acquire additional proved and unproved properties in various transactions during the next twelve months for approximately \$350 million.

# Liquidity and Capital Resources

#### Sources and Uses of Funds

Cash flow from operations is a significant source of liquidity we use to fund capital expenditures, pay dividends and repay debt. Cash provided by operating activities was \$5.117 billion in 2010, compared to \$4.356 billion in 2009 and \$5.357 billion in 2008. Changes in cash flow from operations are largely due to the same factors that affect our net income, excluding various non-cash items such as impairments of assets, depreciation, depletion and amortization, deferred income taxes and changes in our derivative instruments. See the discussion below under *Results of Operations*.

Changes in market prices for natural gas and oil directly impact the level of our cash flow from operations. To mitigate the risk of declines in natural gas and oil prices and to provide more predictable future cash flow from operations, we have entered into various derivative instruments. Assuming future NYMEX natural gas settlement prices average \$4.50 per mcf for 2011 and including the effect of the company's open derivatives as of February 22, 2011, closed contracts and previously collected call premiums, the company estimates its average natural gas price will be \$5.98 per mcf for 2011. This estimate does not include the effect of basis differentials and gathering costs. Our natural gas and oil derivatives as of December 31, 2010 are detailed in Item 7A of this report. Depending on changes in natural gas and oil futures markets and management's view of underlying natural gas and oil supply and demand trends, we may increase or decrease our current hedging positions.

Our \$4.0 billion corporate revolving bank credit facility, our \$300 million midstream revolving bank credit facility and cash and cash equivalents are other sources of liquidity. We use the credit facilities and cash on hand to fund daily operating activities and capital expenditures as needed. We borrowed \$15.117 billion and repaid \$13.303 billion in 2010, we borrowed \$7.761 billion and repaid \$9.758 billion in 2009, and we borrowed \$13.291 billion and repaid \$11.307 billion in 2008 from our revolving bank credit facilities. Our corporate facility is secured by natural gas and oil proved reserves. A significant portion of our natural gas and oil reserves are currently unencumbered and therefore available to be pledged as additional collateral if needed to respond to borrowing base and collateral redeterminations our lenders might make in the future. Accordingly, we believe our borrowing capacity under this facility will not be reduced as a result of any such future redeterminations. Our midstream facility is secured by substantially all of our wholly owned midstream assets and is not subject to periodic borrowing base redeterminations. Our revolving bank credit facilities are described below under *Bank Credit Facilities*.

The following table reflects the proceeds from sales of securities we issued in 2010, 2009 and 2008 (\$ in millions):

|                             |    | 20              | 10              |       |    | 2009  |    |       |    | 20    | 008             |       |  |  |  |  |  |  |  |  |                   |  |  |  |     |               |  |                 |  |               |
|-----------------------------|----|-----------------|-----------------|-------|----|-------|----|-------|----|-------|-----------------|-------|--|--|--|--|--|--|--|--|-------------------|--|--|--|-----|---------------|--|-----------------|--|---------------|
|                             | _  | Total<br>oceeds | Net<br>Proceeds |       |    |       |    |       |    |       | Net<br>Proceeds |       |  |  |  |  |  |  |  |  | Total<br>Proceeds |  |  |  | Pre | Net<br>oceeds |  | Fotal<br>oceeds |  | Net<br>oceeds |
| Convertible preferred stock | \$ | 2,600           | \$              | 2,562 | \$ |       | \$ |       | \$ |       | \$              | _     |  |  |  |  |  |  |  |  |                   |  |  |  |     |               |  |                 |  |               |
| Senior notes                |    | 2,000           |                 | 1,967 |    | 1,425 |    | 1,346 |    | 800   |                 | 787   |  |  |  |  |  |  |  |  |                   |  |  |  |     |               |  |                 |  |               |
| notes                       |    |                 |                 |       |    |       |    |       |    | 1,380 |                 | 1,349 |  |  |  |  |  |  |  |  |                   |  |  |  |     |               |  |                 |  |               |
| Common stock                |    | —               |                 |       |    |       |    |       |    | 2,698 |                 | 2,598 |  |  |  |  |  |  |  |  |                   |  |  |  |     |               |  |                 |  |               |
| Total                       | \$ | 4,600           | \$              | 4,529 | \$ | 1,425 | \$ | 1,346 | \$ | 4,878 | \$              | 4,734 |  |  |  |  |  |  |  |  |                   |  |  |  |     |               |  |                 |  |               |

The following table reflects proceeds we received from our significant natural gas and oil asset monetizations in 2010, 2009 and 2008 (\$ in millions):

|  | 2010 |       | <br>2009    |    | 2008  |
|--|------|-------|-------------|----|-------|
| Natural gas and oil property monetizations:                        |      |       |             |    |       |
| CNOOC (Eagle Ford) industry participation agreement <sup>(a)</sup> | \$   | 1,170 | \$<br>      | \$ | -     |
| TOT (Barnett) industry participation agreement <sup>(b)</sup>      |      | 1,361 |             |    |       |
| STO (Marcellus) industry participation agreement <sup>(c)</sup>    |      | 601   | 162         |    | 1,250 |
| PXP (Haynesville) industry participation agreement <sup>(d)</sup>  |      |       | 1,490       |    | 1,722 |
| BP (Fayetteville) industry participation agreement(e)              |      |       | 601         |    | 1,299 |
| BP (Mid-Continent) divestiture                                     |      |       |             |    | 1,688 |
| Volumetric production payments                                     |      | 1,622 | 408         |    | 1,579 |
| Other divestitures   |      | 750   | <br>418     |    | 403   |
| Total  | \$   | 5,504 | \$<br>3,079 | \$ | 7,941 |

- (a) 2010 included \$50 million of drilling carries. As of December 31, 2010, \$1.030 billion of drilling carry obligations remained outstanding.
- (b) 2010 included \$561 million of drilling carries. As of December 31, 2010, \$889 million of drilling carry obligations remained outstanding.
- (c) 2010 and 2009 proceeds were in the form of drilling carries. As of December 31, 2010, \$1.362 billion of drilling carry obligations remained outstanding.
- (d) 2009 and 2008 included \$390 million and \$72 million of drilling carries, respectively. 2009 also included a \$1.1 billion acceleration of future drilling carries.
- (e) 2009 and 2008 included \$601 million and \$199 million of drilling carries, respectively.

In December 2010, our wholly owned midstream subsidiary, Chesapeake Midstream Development, L.P., sold its Springridge natural gas gathering system and related facilities in the Haynesville Shale to CHKM for \$500 million.

In September 2009, we received \$588 million from the sale of a noncontrolling interest in our midstream joint venture agreement with GIP.

In June 2009, we received net proceeds of \$54 million from the mortgage financing of our regional Barnett Shale headquarters building in Fort Worth, Texas. The interest-only loan has a five-year term at a floating rate of prime plus 275 basis points. At our option, we may prepay the loan in full without penalty beginning in year four.

In April 2009, we financed 113 real estate surface assets in the Barnett Shale area in and around Fort Worth, Texas for net proceeds of approximately \$145 million and entered into a master lease agreement under which we agreed to lease the assets for 40 years for approximately \$15 million to \$27 million annually. This lease transaction was recorded as a financing lease.

In 2010, 2009 and 2008, we received \$621 million and \$109 million, and paid \$167 million, respectively, for settlements of derivatives which were classified as cash flows from financing activities.

In 2010, we received cash distributions of \$88 million from CHKM and its predecessor. In addition, we received cash distributions of \$58 million from our equity investee, Frac Tech Holdings, LLC. These cash distributions were accounted for as a return on investment and reflected as cash flows from operating activities.

Our primary use of funds is for capital expenditures related to exploration, development and acquisition of natural gas and oil properties. We refer you to the table under *Investing Activities* below, which sets forth the components of our natural gas and oil investing activities and our other investing activities for 2010, 2009 and 2008. We retain a significant degree of control over the timing of our capital expenditures which permits us to defer or accelerate certain capital expenditures if necessary to address any potential liquidity issues. In addition, changes in drilling and field operating costs, drilling results that alter planned development schedules, acquisitions or other factors could cause us to revise our drilling program, which is largely discretionary.

On June 21, 2010, we redeemed in whole for an aggregate redemption price of approximately \$1.366 billion, plus accrued interest, approximately \$364 million in principal amount of our outstanding 7.50% Senior Notes due 2013, \$300 million in principal amount of our 7.50% Senior Notes due 2014 and approximately \$670 million in principal amount of our 6.875% Senior Notes due 2016. Associated with these redemptions, we recognized a loss of \$69 million in 2010.

On July 22, 2010, we redeemed in whole for a redemption price of approximately \$619 million, plus accrued interest, \$600 million in principal amount of our 6.375% Senior Notes due 2015. Associated with the redemption, we recognized a loss of \$19 million in 2010.

On August 30, 2010, we completed tender offers to purchase for cash \$245 million of 7.00% Senior Notes due 2014, \$567 million of 6.625% Senior Notes due 2016 and \$582 million of 6.25% Senior Notes due 2018. On September 16, 2010, we redeemed the remaining \$55 million of 7.00% Senior Notes due 2014, \$33 million of 6.625% Senior Notes due 2016 and \$18 million of 6.25% Senior Notes due 2018 based on the redemption provisions in the indentures. Associated with the August 2010 tender offers and redemptions, we recognized a loss of \$40 million in 2010.

We paid dividends on our common stock of \$189 million, \$181 million and \$148 million in 2010, 2009 and 2008, respectively. The Board of Directors increased the quarterly dividend of common stock from \$0.0675 to \$0.075 per share beginning with the dividend paid in July 2008. We paid dividends on our preferred stock of \$92 million, \$23 million and \$35 million in 2010, 2009 and 2008, respectively. The increase in 2010 was due to the issuance of 2.6 million shares of preferred stock and the decrease from 2008 to 2009 was a result of conversions and exchanges of preferred stock into common stock during 2008 and 2009.

## Credit Risk

Derivative instruments that enable us to hedge a portion of our exposure to natural gas and oil prices and interest rate volatility expose us to credit risk from our counterparties. To mitigate this risk, we enter into derivative contracts only with investment-grade rated counterparties deemed by management to be competent and competitive market makers, and we attempt to limit our exposure to non-performance by any single counterparty. During the more than 15 years we have engaged in hedging activities, we have experienced a counterparty default only once (Lehman Brothers in September 2008), and the total loss recorded in that instance was immaterial. On December 31, 2010, our commodity and interest rate derivative instruments were spread among 14 counterparties. Our multi-counterparty secured hedging facility includes 12 of our counterparties which are required to secure their natural gas and oil hedging obligations in excess of defined thresholds. We use this facility for all of our commodity hedging.

Our accounts receivable are primarily from purchasers of natural gas and oil (\$821 million at December 31, 2010) and exploration and production companies which own interests in properties we operate (\$977 million at December 31, 2010). This industry concentration has the potential to impact our overall exposure to credit risk, either positively or negatively, in that our customers and joint working interest owners may be similarly affected by changes in economic, industry or other conditions. We generally require letters of credit or parent guarantees for receivables from parties which are judged to have sub-standard credit, unless the credit risk can otherwise be mitigated. During 2010 and 2008, we recognized nominal amounts of bad debt expense related to potentially uncollectible receivables. During 2009, we recognized \$13 million of bad debt expense related to potentially uncollectible receivables.

#### Investing Activities

Cash used in investing activities was \$8.503 billion in 2010, compared to \$5.462 billion in 2009 and \$9.965 billion in 2008. The majority of the increase in investing activities in 2010 was the result of our increased acquisition of unproved properties, primarily in liquids-rich areas, and exploration and development activities. Our investing activities in 2008 reflected our increasing focus on acquiring unproved properties in developing natural gas shale plays, converting our resource inventory into production, redeploying our capital by selling natural gas and oil properties with lower rates of return and increasing our investment in properties with higher return potential. Investing activities in 2009 were at a reduced rate in response to a low natural gas price environment, lower demand and the benefit of our drilling cost carries. Natural gas and oil investing activities increased in 2010 as we pursued our strategy to acquire and develop liquids-rich properties. In each of 2010, 2009 and 2008, we also invested in drilling rigs, gathering systems, compressors, and other property and equipment to support our natural gas and oil exploration, development and production activities. The following table details our cash used in (provided by) investing activities during 2010, 2009 and 2008 (\$ in millions):

|   | 2010 |              | 0 2009 |            |    | 2008         |
|---|------|--------------|--------|------------|----|--------------|
| Natural Gas and Oil Investing Activities:   | •    | 0.40         | •      | _          | •  | 0.70         |
| Acquisitions of natural gas and oil proved properties   | \$   | 243<br>6.015 | \$     | 5<br>1.666 | \$ | 372<br>7,660 |
| Exploration and development of natural gas and oil properties   |      | 5,061        |        | 3,410      |    | 5,789        |
| Geological and geophysical costs <sup>(a)</sup>   |      | 181          |        | 162        |    | 315          |
| Interest capitalized on unproved properties   |      | 687<br>43    |        | 598        |    | 561<br>12    |
| Deposits for acquisitions of proved and unproved properties<br>Proceeds from divestitures of proved and unproved properties |      | (4,292)      |        | (1,926)    |    | (7,670)      |
| Total natural gas and oil investing activities  |      | 7,938        |        | 3,915      |    | 7,039        |
| Other Investing Activities:   |      |              |        |            |    |              |
| Additions to other property and equipment   |      | 1,326        |        | 1,683      |    | 3,073        |
| Additions to investments  |      | 134          |        | 40         |    | 74           |
| Proceeds from sales of other assets   |      | (883)        |        | (176)      |    | (219)        |
| Other   |      | (12)         |        |            |    | (2)          |
| Total other investing activities  |      | 565          | _      | 1,547      |    | 2,926        |
| Total cash used in investing activities   | \$   | 8,503        | \$     | 5,462      | \$ | 9,965        |

(a) Including related capitalized interest.

#### Bank Credit Facilities

We utilize two revolving bank credit facilities, described below, as sources of liquidity.

|   | Co<br>Credit  | rporate<br>t Facility <sup>(a)</sup> |             | stream<br>Facility <sup>(b)</sup> |  |
|---|---------------|--------------------------------------|-------------|-----------------------------------|--|
|   |               | (\$ in m                             | illions)    |                                   |  |
| Borrowing capacity                                    | \$            | 4,000                                | \$          | 300                               |  |
| Maturity date   | December 2015 |                                      | July 2015   |                                   |  |
| Facility structure                                    | Senior sec    | cured revolving                      | Senior secu | ired revolving                    |  |
| Amount outstanding as of December 31, 2010            | \$            | 3,612                                | \$          | 94                                |  |
| Letters of credit outstanding as of December 31, 2010 | \$            | 13                                   | \$          |                                   |  |

(a) Borrower is Chesapeake Exploration, L.L.C.

(b) Borrower is Chesapeake Midstream Operating, L.L.C., a wholly owned subsidiary of Chesapeake Midstream Development, L.P.

Our credit facilities do not contain material adverse change or adequate assurance covenants. Although the applicable interest rates under our corporate credit facility fluctuate slightly based on our long-term senior unsecured credit ratings, neither of our credit facilities contains provisions which would trigger an acceleration of amounts due under the facilities or a requirement to post additional collateral in the event of a downgrade of our credit ratings. Corporate Credit Facility. Our \$4.0 billion syndicated revolving bank credit facility is used for general corporate purposes. Borrowings under the facility are secured by natural gas and oil proved reserves and bear interest at our option at either (i) the greater of the reference rate of Union Bank, N.A., or the federal funds effective rate plus 0.50%, both of which are subject to a margin that varies from 0.50% to 1.25% per annum according to our senior unsecured long-term debt ratings, or (ii) the Eurodollar rate, which is based on the London Interbank Offered Rate (LIBOR), plus a margin that varies from 1.50% to 2.25% per annum according to our senior unsecured long-term debt ratings. The collateral value and borrowing base are redetermined periodically. The unused portion of the facility is subject to a commitment fee of 0.50% per annum. Interest is payable quarterly or, if LIBOR applies, it may be payable at more frequent intervals.

The credit facility agreement contains various covenants and restrictive provisions which limit our ability to incur additional indebtedness, make investments or loans and create liens and require us to maintain an indebtedness to total capitalization ratio and an indebtedness to EBITDA ratio, in each case as defined in the agreement. We were in compliance with all covenants under the agreement at December 31, 2010. If we should fail to perform our obligations under these and other covenants, the revolving credit commitment could be terminated and any outstanding borrowings under the facility could be declared immediately due and payable. Such acceleration, if involving a principal amount of \$50 million or more, would constitute an event of default under our senior note indentures, which could in turn result in the acceleration of a significant portion of our senior note indebtedness. The credit facility agreement also has cross default provisions that apply to other indebtedness of Chesapeake and its restricted subsidiaries with an outstanding principal amount in excess of \$125 million.

The facility is fully and unconditionally guaranteed, on a joint and several basis, by Chesapeake and certain of our wholly owned subsidiaries.

*Midstream Credit Facility.* Our \$300 million midstream syndicated revolving bank credit facility is used to fund capital expenditures to build natural gas gathering and other systems for our drilling program and for general corporate purposes associated with our midstream operations. Borrowings under the midstream credit facility are secured by all of the assets of the wholly owned subsidiaries (the restricted subsidiaries) of Chesapeake Midstream Development, L.P. (CMD), itself a wholly owned subsidiary of Chesapeake, and bear interest at our option at either (i) the greater of the reference rate of Wells Fargo Bank, National Association, the federal funds effective rate plus 0.50%, and the one-month LIBOR plus 1.00%, all of which are subject to a margin that varies from 1.75% to 2.25% per annum according to the most recent leverage ratio described below or (ii) the Eurodollar rate, which is based on the LIBOR plus a margin that varies from 2.75% to 3.25% per annum according to the most recent leverage ratio. The unused portion of the facility is subject to a commitment fee of 0.50% per annum. Interest is payable quarterly or, if LIBOR applies, it may be payable at more frequent intervals.

The midstream credit facility agreement contains various covenants and restrictive provisions which limit the ability of CMD and its restricted subsidiaries to incur additional indebtedness, make investments or loans and create liens. The agreement requires maintenance of a leverage ratio based on the ratio of indebtedness to EBITDA and an interest coverage ratio based on the ratio of EBITDA to interest expense, in each case as defined in the agreement. The leverage ratio increases during any three-quarter period, beginning in the quarter in which CMD makes a material disposition of assets to our master limited partnership midstream affiliate, Chesapeake Midstream Partners, L.P. As of December 21, 2010, the leverage ratio increased for a three-fiscal-quarter period beginning October 1, 2010 due to the sale of the Springridge gathering system as it was classified as a material disposition of assets. We were in compliance with all covenants under the agreement at December 31, 2010. If CMD or its restricted subsidiaries should fail to perform their obligations under these and other covenants, the revolving credit commitment could be terminated and any outstanding borrowings under the facility could be declared immediately due and payable. The midstream credit facility agreement also has cross default provisions that apply to other indebtedness of CMD and its restricted subsidiaries may have with an outstanding principal amount in excess of \$15 million.

## Hedging Facility

We have a multi-counterparty hedge facility with 12 counterparties that have committed to provide approximately 5.6 tcfe of hedging capacity and an aggregate mark-to-market capacity of \$15.0 billion under the terms of the facility. In February 2011, we amended the agreement for the hedge facility primarily to allow us to protect our natural gas liquids production from price volatility and to allow for greater flexibility when hedging

our anticipated production. As of December 31, 2010, we had hedged a total of 2.9 tcfe of our future production under the facility. The multi-counterparty facility allows us to enter into cash-settled natural gas, oil and natural gas liquids price and basis derivatives with the counterparties. Our obligations under the multi-counterparty facility are secured by proved reserves, the value of which must cover the fair value of the transactions outstanding under the facility by at least 1.65 times, and guarantees by our subsidiaries that also guarantee our corporate revolving bank credit facility and indentures. The counterparties' obligations under the facility must be secured by cash or short-term U.S. Treasury instruments to the extent that any mark-to-market amounts they owe to Chesapeake exceed defined thresholds. The maximum volume-based hedging capacity under the facility is governed by the expected production of the pledged reserve collateral, and volume-based hedging limits are applied separately to price and basis hedges. In addition, there are volume-based sub-limits for natural gas and oil hedges. Chesapeake has significant flexibility with regard to releases and/or substitutions of pledged reserves, provided that certain collateral coverage and other requirements are met. The facility does not have a maturity date. Counterparties to the agreement have the right to cease entering into hedges with the company on a prospective basis as long as obligations associated with any existing transactions in the facility continue to be satisfied in accordance with the terms of the agreement.

#### Senior Note Obligations

In addition to outstanding borrowings under our revolving bank credit facilities discussed above, as of December 31, 2010, senior notes represented approximately \$8.9 billion of our total debt and consisted of the following (\$ in millions):

| <ul> <li>7.625% senior notes due 2013</li> <li>9.5% senior notes due 2015</li> <li>6.25% euro-denominated senior notes due 2017<sup>(a)</sup></li> <li>6.5% senior notes due 2017</li> <li>6.875% senior notes due 2018</li> <li>7.25% senior notes due 2018</li> <li>6.625% senior notes due 2020</li> <li>6.875% senior notes due 2020</li> <li>2.75% contingent convertible senior notes due 2035<sup>(b)</sup></li> <li>2.5% contingent convertible senior notes due 2037<sup>(b)</sup></li> <li>2.25% contingent convertible senior notes due 2038<sup>(b)</sup></li> </ul> | 500<br>1,425<br>796<br>1,100<br>600<br>800<br>1,400<br>500<br>451<br>1,378<br>752 |
|--|---|
| 2.5% contingent convertible senior notes due 2037 <sup>(b)</sup><br>2.25% contingent convertible senior notes due 2038 <sup>(b)</sup><br>Discount on senior notes <sup>(c)</sup>   |   |
|  | \$<br>8,934   |

- (a) The principal amount shown is based on the dollar/euro exchange rate of \$1.3269 to €1.00 as of December 31, 2010. See Note 9 of our consolidated financial statements included in Item 8 of this report for information on our related foreign currency derivatives.
- The holders of our contingent convertible senior notes may require us to repurchase, in cash, all or a (b) portion of their notes at 100% of the principal amount of the notes on any of four dates that are five, ten, fifteen and twenty years before the maturity date. The notes are convertible, at the holder's option, prior to maturity under certain circumstances into cash and, if applicable, shares of our common stock using a net share settlement process. One such triggering circumstance is when the price of our common stock exceeds a threshold amount during a specified period in a fiscal guarter. Convertibility based on common stock price is measured quarter by quarter. In the fourth quarter of 2010, the price of our common stock was below the threshold level for each series of the contingent convertible senior notes during the specified period and, as a result, the holders do not have the option to convert their notes into cash and common stock in the first quarter of 2011 under this provision. The notes are also convertible, at the holder's option, during specified five-day periods if the trading price of the notes is below certain levels determined by reference to the trading price of our common stock. In general, upon conversion of a contingent convertible senior note, the holder will receive cash equal to the principal amount of the note and common stock for the note's conversion value in excess of such principal amount. We will pay contingent interest on the convertible senior notes after they have been outstanding at least ten years, under certain conditions. We may redeem the convertible senior notes once they have been outstanding for ten years at a redemption price of 100% of the principal amount of the notes, payable in cash. The

optional repurchase dates, the common stock price conversion threshold amounts and the ending date of the first six-month period contingent interest may be payable for the contingent convertible senior notes are as follows:

| Contingent<br>Convertible<br>Senior Notes | •                                   |    | ommon Stock<br>ce Conversion<br>Thresholds | Contingent Interest<br>First Payable<br>(if applicable) |  |  |  |
|---|-------------------------------------|----|--|---|--|--|--|
| 2.75% due 2035                            | November 15, 2015, 2020, 2025, 2030 | \$ | 48.62                                      | May 14, 2016  |  |  |  |
| 2.5% due 2037                             | May 15, 2017, 2022, 2027, 2032      | \$ | 64.26                                      | November 14, 2017                                       |  |  |  |
| 2.25% due 2038                            | December 15, 2018, 2023, 2028, 2033 | \$ | 107.36                                     | June 14, 2019   |  |  |  |

- (c) Included in this discount is \$711 million at December 31, 2010 associated with the equity component of our contingent convertible senior notes. This discount is amortized based on an effective yield method.
- (d) See Note 9 of our consolidated financial statements included in Item 8 of this report for discussion related to these instruments.

Our senior notes are unsecured senior obligations of Chesapeake and rank equally in right of payment with all of our other existing and future senior indebtedness and rank senior in right of payment to all of our future subordinated indebtedness. Our senior note obligations are guaranteed by certain of our wholly owned subsidiaries, excluding CMD and its subsidiaries. See Note 17 of the consolidated financial statements included in Item 8 of this report for condensed consolidating financial information regarding our guarantor and non-guarantor subsidiaries. We may redeem the senior notes, other than the contingent convertible senior notes, at any time at specified make-whole or redemption prices. Our senior notes are governed by indentures containing covenants that may limit our ability and our subsidiaries' ability to incur certain secured indebtedness; enter into sale/leaseback transactions; and consolidate, merge or transfer assets.

#### Conversions and Exchanges of Contingent Convertible Senior Notes and Preferred Stock

In 2010, 2009 and 2008, holders of certain of our contingent convertible senior notes exchanged their notes for shares of common stock in privately negotiated exchanges as summarized below:

| Year    | Contingent Convertible<br>Senior Notes | Principal Amount |           | Number of Common<br>Shares |
|---------|--|------------------|-----------|----------------------------|
| <u></u> |  |                  | millions) | (in thousands)             |
| 2010    | 2.25% due 2038                         | \$               | 11        | 299                        |
| 2009    | 2.25% due 2038                         | \$               | 364       | 10,210                     |
| 2008    | 2.75% due 2035                         | \$               | 239       | 8,841                      |
|         | 2.50% due 2037                         |                  | 272       | 8,417                      |
|         | 2.25% due 2038                         |                  | 254       | 6,655                      |
|         |  | \$               | 765       | 23,913                     |

In 2010, 2009 and 2008, shares of our cumulative convertible preferred stock were exchanged for or converted into shares of common stock as summarized below:

| Year of<br>Exchange/<br>Conversion | Cumulative<br>Convertible<br>Preferred Stock | Number<br>of<br>Preferred Shares | Number<br>of<br>Common Shares  | Type<br>of<br>Transaction          |
|------------------------------------|--|----------------------------------|--------------------------------|------------------------------------|
|                                    |  | (in thou                         | isands)                        |                                    |
| 2010                               | 5.0% (series 2005)                           | 5                                | 21                             | Conversion                         |
| 2009                               | 6.25%<br>4.125%                              | 144<br>3                         | 1,239<br>183                   | Conversion<br>Conversion           |
|                                    |  |                                  | 1,422                          |                                    |
| 2008                               | 5.0% (series 2005B)<br>4.5%<br>4.125%        | 3,654<br>891<br>(a)              | 10,443<br>2,228<br>2<br>12,673 | Exchange<br>Exchange<br>Conversion |

(a) Nominal amount.

# Contractual Obligations

The table below summarizes our cash contractual obligations as of December 31, 2010 (\$ in millions):

|   | Payments Due By Period |        |                            |       |              |       |              |       |    |                  |  |
|---|------------------------|--------|----------------------------|-------|--------------|-------|--------------|-------|----|------------------|--|
|   |                        | Total  | Less Than<br><u>1 Year</u> |       | 1-3<br>Years |       | 3-5<br>Years |       |    | re Than<br>Years |  |
| Long-term debt:<br>Principal                | \$                     | 13,408 | \$                         |       | \$           | 500   | \$           | 5,131 | \$ | 7,777            |  |
| Interest                                    |                        | 5,193  |                            | 595   |              | 1,173 |              | 996   |    | 2,429            |  |
| Financing lease obligations and other       |                        | 894    |                            | 18    |              | 37    |              | 90    |    | 749              |  |
| Operating lease obligations                 |                        | 916    |                            | 170   |              | 345   |              | 287   |    | 114              |  |
| Asset retirement obligations <sup>(a)</sup> |                        | 301    |                            |       |              | 61    |              | 7     |    | 233              |  |
| Purchase obligations <sup>(b)</sup>         |                        | 5,054  |                            | 930   |              | 874   |              | 797   |    | 2,453            |  |
| Unrecognized tax benefits <sup>(c)</sup>    |                        | 34     |                            | 34    |              |       |              |       |    |                  |  |
| Standby letters of credit                   |                        | 13     |                            | 13    |              |       |              |       |    |                  |  |
| Total contractual cash obligations          | \$                     | 25,813 | \$                         | 1,760 | \$           | 2,990 | \$           | 7,308 | \$ | 13,755           |  |

- (a) Asset retirement obligations represent estimated discounted costs for future dismantlement and abandonment costs. These obligations are recorded as liabilities on our December 31, 2010 balance sheet.
- (b) See Note 4 of the notes to our consolidated financial statements in Item 8 of this report for a description of transportation and drilling contract commitments.
- (c) See Note 5 of the notes to our consolidated financial statements in Item 8 of this report for a description of unrecognized tax benefits.

Chesapeake has commitments to purchase any natural gas and oil associated with certain volumetric production payment transactions based on market prices at the time of production and the purchased gas will be resold.

Under minimum volume throughput agreements, Chesapeake has agreed to move fixed volumes of natural gas over certain time periods, usually multiple years, through certain midstream systems. At the end of the term or annually, Chesapeake will be invoiced for any shortfalls in such volume commitments.

# **Hedging Activities**

# Natural Gas and Oil Hedging Activities

Our results of operations and cash flows are impacted by changes in market prices for natural gas and oil. To mitigate a portion of the exposure to adverse market changes, we have entered into various derivative instruments. Executive management is involved in all risk management activities and the Board of Directors reviews the company's hedging program at its quarterly Board meetings. We believe we have sufficient internal controls to prevent unauthorized hedging. As of December 31, 2010, our natural gas and oil derivative instruments were comprised of swaps, call options, put options, knockout swaps and basis protection swaps. Item 7A – *Quantitative and Qualitative Disclosures About Market Risk* contains a description of each of these instruments. Although derivatives often fail to achieve 100% effectiveness for accounting purposes, we believe our derivative instruments continue to be highly effective in achieving our risk management objectives.

Hedging allows us to predict with greater certainty the effective prices we will receive for our natural gas and oil production. We closely monitor the fair value of our derivative contracts and may elect to settle a contract prior to its scheduled maturity date in order to lock in a gain or loss. Commodity markets are volatile and Chesapeake's hedging activities are dynamic.

Mark-to-market positions under natural gas and oil derivative contracts fluctuate with commodity prices. As described above under *Hedging Facility*, our secured multi-counterparty hedging facility allows us to minimize the potential liquidity impact of significant mark-to-market fluctuations in the value of our natural gas and oil derivatives by pledging natural gas and oil proved reserves.

The estimated fair values of our natural gas and oil derivative contracts as of December 31, 2010 and 2009 are provided below.

|  |             | December 31, |       |       |
|--|-------------|--------------|-------|-------|
|  |             | 2010         |       | 2009  |
|  | (\$ in mill |              | illio | ns)   |
| Derivative assets (liabilities) <sup>(a)</sup> : |             |              |       |       |
| Fixed-price natural gas swaps                    | \$          | 1,307        | \$    | 662   |
| Natural gas call options                         |             | (701)        |       | (541) |
| Natural gas put options                          |             | (59)         |       | (50)  |
| Fixed-price natural gas knockout swaps           |             |              |       | 17    |
| Fixed-price natural gas collars                  |             | _            |       | 92    |
| Natural gas basis protection swaps               |             | (55)         |       | (50)  |
| Fixed-price oil swaps                            |             | (31)         |       | 3     |
| Oil call options <sup>(b)</sup>                  |             | (1,129)      |       | (144) |
| Fixed-price oil knockout swaps                   |             | 19           |       | 32    |
| Estimated fair value                             | \$          | (649)        | \$    | 21    |

(a) See Item 7A. Quantitative and Qualitative Disclosures About Market Risk of this report for additional information concerning derivative transactions.

(b) During 2010 and 2009, we sold natural gas and oil call options on a portion of our projected production from 2011 to 2017 and received above-market fixed price natural gas swaps in 2010, 2011 and 2012.

Additional information concerning the changes in fair value of our natural gas and oil derivative contracts is as follows:

|  | 2010 |         | <br>2009    |    | 2008  |
|--|------|---------|-------------|----|-------|
|  |      |         |             |    |       |
| Fair value of contracts outstanding, as of January 1   | \$   | 21      | \$<br>1,305 | \$ | (369) |
| Change in fair value of contracts                      |      | 995     | 1,266       |    | 1,880 |
| Fair value of new contracts when entered into          |      | (581)   | (21)        |    | (569) |
| Contracts realized or otherwise settled                |      | (1,691) | (2,102)     |    | 9     |
| Fair value of contracts when closed                    | _    | 607     | (427)       |    | 354   |
| Fair value of contracts outstanding, as of December 31 | \$   | (649)   | \$<br>21    | \$ | 1,305 |

Our realized and unrealized gains and losses on natural gas and oil derivatives during 2010, 2009 and 2008 were as follows:

|   | Years Ended December 31, |       |       |         |    |       |  |
|---|--------------------------|-------|-------|---------|----|-------|--|
|   | 2010                     |       | 2009  |         |    | 2008  |  |
|   |                          | (\$   | \$ in | million | s) |       |  |
| Natural gas and oil sales   | \$                       | 4,248 | \$    | 3,291   | \$ | 7,069 |  |
| Realized gains (losses) on natural gas and oil derivatives <sup>(a)</sup> |                          | 2,056 |       | 2,346   |    | (8)   |  |
| derivatives <sup>(b)</sup>  |                          | (634) |       | (624)   |    | 887   |  |
| Unrealized gains (losses) on ineffectiveness of cash flow hedges          |                          | (23)  |       | 36      |    | (90)  |  |
| Total natural gas and oil sales   | \$                       | 5,647 | \$    | 5,049   | \$ | 7,858 |  |

(a) Consists of settled trades related to the production periods being reported.

(b) Consists of both temporary fluctuations in the mark-to-market values of non-qualifying trades and settled values of non-qualifying trades related to future production periods.

Changes in the fair value of natural gas and oil derivative instruments designated as cash flow hedges, to the extent effective in offsetting cash flows attributable to the hedged commodities, and locked-in gains and losses of settled derivative contracts are recorded in accumulated other comprehensive income and are transferred to earnings in the month of related production. These unrealized gains (losses), net of related tax effects, totaled (\$156) million, \$94 million and \$386 million as of December 31, 2010, 2009 and 2008, respectively. Based upon the market prices at December 31, 2010, we expect to transfer to earnings approximately \$15 million of net gain included in accumulated other comprehensive income during the next 12 months. A detailed explanation of accounting for natural gas and oil derivatives appears under *Application of Critical Accounting Policies – Hedging* elsewhere in this Item 7.

#### Interest Rate Derivatives

To mitigate our exposure to volatility in interest rates related to our senior notes and credit facilities, we enter into interest rate derivatives.

For interest rate derivative contracts designated as fair value hedges, changes in fair values of the derivatives are recorded on the consolidated balance sheets as assets or (liabilities), with corresponding offsetting adjustments to the debt's carrying value. Changes in the fair value of non-qualifying derivatives that occur prior to their maturity (i.e., temporary fluctuations in value) are reported currently in the consolidated statements of operations as interest expense and characterized as unrealized gains (losses).

Gains or losses from interest rate derivative contracts are reflected as adjustments to interest expense on the consolidated statements of operations. The components of interest expense for the years ended December 31, 2010, 2009 and 2008 are presented below.

|  | Ì                | Years Ended December 31, |    |       |    |       |  |  |
|--|------------------|--------------------------|----|-------|----|-------|--|--|
|  | 1                | 2010                     |    | 2009  |    | 2008  |  |  |
|  | (\$ in millions) |                          |    |       | 5) |       |  |  |
| Interest expense on senior notes                       | \$               | 718                      | \$ | 765   | \$ | 637   |  |  |
| Interest expense on credit facilities                  |                  | 61                       |    | 60    |    | 117   |  |  |
| Capitalized interest                                   |                  | (716)                    |    | (633) |    | (585) |  |  |
| Realized (gains) losses on interest rate derivatives   |                  | (14)                     |    | (23)  |    | (6)   |  |  |
| Unrealized (gains) losses on interest rate derivatives |                  | (66)                     |    | (91)  |    | 85    |  |  |
| Amortization of loan discount and other                | -                | 36                       |    | 35    |    | 23    |  |  |
| Total interest expense                                 | \$               | 19                       | \$ | 113   | \$ | 271   |  |  |

A detailed explanation of accounting for interest rate derivatives appears under Application of Critical Accounting Policies – Hedging elsewhere in this Item 7.

#### Foreign Currency Derivatives

On December 6, 2006, we issued  $\in$ 600 million of 6.25% Euro-denominated Senior Notes due 2017. Concurrent with the issuance of the Euro-denominated senior notes, we entered into a cross currency swap to mitigate our exposure to fluctuations in the euro relative to the dollar over the term of the notes. A detailed explanation of accounting for foreign currency derivatives appears under *Application of Critical Accounting Policies – Hedging* elsewhere in this Item 7.

# **Results of Operations**

*General.* For the year ended December 31, 2010, Chesapeake had net income of \$1.774 billion, or \$2.51 per diluted common share, on total revenues of \$9.366 billion. This compares to a net loss of \$5.830 billion, or \$9.57 per diluted common share, on total revenues of \$7.702 billion during the year ended December 31, 2009, and net income of \$604 million, or \$0.93 per diluted common share, on total revenues of \$11.629 billion during the year ended December 31, 2008.

Natural Gas and Oil Sales. During 2010, natural gas and oil sales were \$5.647 billion compared to \$5.049 billion in 2009 and \$7.858 billion in 2008. In 2010, Chesapeake produced and sold 1.035 tcfe of natural gas and oil at a weighted average price of \$6.09 per mcfe, compared to 905.5 bcfe in 2009 at a weighted average price of \$6.22 per mcfe, and 842.7 bcfe in 2008 at a weighted average price of \$8.38 per mcfe (weighted average prices for all years discussed exclude the effect of unrealized gains or (losses) on derivatives of (\$657) million, (\$588) million and \$797 million in 2010, 2009 and 2008, respectively). The decrease in prices in 2010 resulted in a decrease in revenue of \$138 million and increased production resulted in a \$807 million increase, for a total increase in revenues of \$669 million (excluding unrealized gains or losses on natural gas and oil derivatives). The increase in production from period to period was primarily generated from the drillbit.

For 2010, we realized an average price per mcf of natural gas of \$5.57, compared to \$5.93 in 2009 and \$8.09 in 2008 (weighted average prices for all years discussed exclude the effect of unrealized gains or losses on derivatives). Included in the 2010 realized price of natural gas are gains related to swaps that had an above-market fixed price on the origination date. We obtained these above-market swaps by selling out-year call options on a portion of our projected natural gas and oil production. See *Item 7A* for a complete listing of all of our derivative instruments. Oil prices realized per barrel (excluding unrealized gains or losses on derivatives) were \$62.71, \$58.38 and \$70.48 in 2010, 2009 and 2008, respectively. Realized gains or losses from our natural gas and oil derivatives resulted in a net increase in natural gas and oil revenues of \$2.056 billion, or \$1.99 per mcfe, in 2010, a net increase of \$2.346 billion, or \$2.59 per mcfe, in 2009 and a net decrease of \$8 million, or \$0.01 per mcfe, in 2008.

A change in natural gas and oil prices has a significant impact on our natural gas and oil revenues and cash flows. Assuming 2010 production levels, an increase or decrease of \$0.10 per mcf of natural gas sold would result in an increase or decrease in 2010 revenues and cash flows of approximately \$92 million and \$89 million, respectively, and an increase or decrease of \$1.00 per barrel of oil sold would result in an increase or decrease or decrease of \$1.00 per barrel of oil sold would result in an increase or decrease or decrease of \$1.00 per barrel of oil sold would result in an increase or decrease in 2010 revenues and cash flows of approximately \$18 million and \$17 million, respectively, without considering the effect of hedging activities.

|                           |       |                         |         | 2010                    |         |          |                          |  |
|---------------------------|-------|-------------------------|---------|-------------------------|---------|----------|--------------------------|--|
| -                         | Natur | al Gas                  | Oi      | (a)                     |         |          |                          |  |
|                           | (bcf) | (\$/mcf) <sup>(b)</sup> | (mmbbl) | (\$/bbl) <sup>(b)</sup> | (bcfe)  | %        | (\$/mcfe) <sup>(b)</sup> |  |
| Mid-Continent             | 233.2 | 4.09                    | 13.8    | 56.60                   | 315.9   | 31%      | 5.49                     |  |
| Haynesville/Bossier Shale | 239.2 | 3.58                    |         |                         | 239.2   | 23       | 3.58                     |  |
| Barnett Shale             | 170.3 | 2.13                    | 0.8     | 29.60                   | 175.1   | 17       | 2.20                     |  |
| Fayetteville Shale        | 136.8 | 3.15                    |         |                         | 136.8   | 13       | 3.15                     |  |
| Permian and Delaware      |       |                         |         |                         |         |          |                          |  |
| Basins                    | 44.3  | 4.12                    | 2.8     | 74.75                   | 61.1    | 6        | 6.42                     |  |
| Marcellus Shale           | 51.2  | 3.91                    | 0.3     | 42.09                   | 53.0    | 5        | 4.01                     |  |
| Eagle Ford Shale          | 0.8   | 4.97                    | 0.2     | 74.40                   | 2.0     |          | 9.67                     |  |
| Rockies/Williston Basin   | 0.6   | 3.17                    | 0.1     | 71.17                   | 1.2     | <u> </u> | 7.50                     |  |
| Other                     | 48.5  | 3.68                    | 0.4     | 69.69                   | 50.9    | 5        | 4.08                     |  |
| Total <sup>(c)</sup>      | 924.9 | 3.43                    | 18.4    | 58.67                   | 1,035.2 | 100%     | 4.10                     |  |

The following tables show our production and prices by region for 2010, 2009 and 2008:

|                           |                                |                         |         | 2009                    |        |      |                          |  |  |
|---------------------------|--------------------------------|-------------------------|---------|-------------------------|--------|------|--------------------------|--|--|
|                           | Natural Gas Oil <sup>(a)</sup> |                         |         |                         | Total  |      |                          |  |  |
|                           | (bcf)                          | (\$/mcf) <sup>(b)</sup> | (mmbbl) | (\$/bbl) <sup>(b)</sup> | (bcfe) | %    | (\$/mcfe) <sup>(b)</sup> |  |  |
| Mid-Continent             | 258.7                          | 3.78                    | 7.7     | 55.25                   | 304.8  | 34%  | 4.60                     |  |  |
| Haynesville/Bossier Shale | 85.1                           | 3.33                    | 0.1     | 48.22                   | 85.7   | 10   | 3.36                     |  |  |
| Barnett Shale             | 237.8                          | 2.11                    | 0.1     | 69.85                   | 238.4  | 25   | 2.12                     |  |  |
| Fayetteville Shale        | 90.7                           | 3.03                    |         |                         | 90.7   | 10   | 3.03                     |  |  |
| Permian and Delaware      |                                |                         |         |                         |        |      |                          |  |  |
| Basins                    | 56.2                           | 3.51                    | 3.0     | 57.26                   | 74.2   | 8    | 4.98                     |  |  |
| Marcellus Shale           | 21.9                           | 4.30                    |         | _                       | 21.9   | 2    | 4.30                     |  |  |
| Eagle Ford Shale          |                                |                         |         |                         |        |      |                          |  |  |
| Rockies/Williston Basin   | 0.6                            | 1.46                    |         | <u> </u>                | 0.6    | 1    | 1.46                     |  |  |
| Other                     | 83.8                           | 3.64                    | 0.9     | 53.41                   | 89.2   | 10   | 3.95                     |  |  |
| Total <sup>(c)</sup>      | 834.8                          | 3.16                    | 11.8    | 55.60                   | 905.5  | 100% | 3.63                     |  |  |

2000

|                           |       |                         |             | 2008                    |        |      |                          |
|---------------------------|-------|-------------------------|-------------|-------------------------|--------|------|--------------------------|
| -                         | Natur | al Gas                  | Oi          | (a)                     | -      |      |                          |
|                           | (bcf) | (\$/mcf) <sup>(b)</sup> | (mmbbl)     | (\$/bbl) <sup>(b)</sup> | (bcfe) | %    | (\$/mcfe) <sup>(b)</sup> |
| Mid-Continent             | 315.5 | 7.92                    | 6.9         | 94.12                   | 357.0  | 42%  | 8.82                     |
| Haynesville/Bossier Shale | 30.4  | 8.35                    | 0.2         | 95.12                   | 31.6   | 4    | 8.64                     |
| Barnett Shale             | 181.2 | 6.74                    |             |                         | 181.2  | 21   | 6.74                     |
| Fayetteville Shale        | 54.9  | 7.24                    | <u> </u>    |                         | 54.9   | 7    | 7.24                     |
| Permian and Delaware      |       |                         |             |                         |        |      |                          |
| Basins                    | 62.2  | 7.84                    | 2.7         | 97.66                   | 78.4   | 9    | 9.59                     |
| Marcellus Shale           | 1.0   | 9.42                    |             |                         | 1.0    | _    | 9.42                     |
| Eagle Ford Shale          |       |                         | <del></del> |                         |        |      |                          |
| Rockies/Williston Basin   | 1.0   | 5.40                    | 0.1         | 90.22                   | 1.6    | 1    | 7.81                     |
| Other                     | 129.2 | 8.75                    | 1.3         | 94.83                   | 137.0  | 16   | 9.16                     |
| Total <sup>(c)</sup>      | 775.4 | 7.74                    | 11.2        | 95.04                   | 842.7  | 100% | 8.39                     |

(a) Includes NGLs

(b) The average sales price excludes gains (losses) on derivatives.

(c) 2010 production reflects the sale of a 25% industry participation interest in the company's Barnett Shale assets in January 2010 and various other asset sales, including VPP 6, VPP 7 and VPP 8.

Our average daily production of 2.836 bcfe for 2010 consisted of 2.534 bcf of natural gas and 50,397 bbls of oil. Our 2010 production of 1.035 tcfe was comprised of 924.9 bcf (89% on a natural gas equivalent basis) and 18.4 mmbbls (11% on a natural gas equivalent basis). Our year-over-year growth rate of natural gas production was 11% and our year-over-year growth rate of oil production was 56%. Our percentage of revenue from oil in 2010 was 18% of realized natural gas and oil revenue compared to 12% in 2009.

*Marketing, Gathering and Compression Sales and Operating Expenses.* Marketing, gathering and compression sales and operating expenses consist of third-party revenue and operating expenses related to our midstream operations. Marketing, gathering and compression activities are performed by Chesapeake substantially for owners in Chesapeake-operated wells. Chesapeake realized \$3.479 billion in marketing, gathering and compression sales in 2010, with corresponding marketing, gathering and compression expenses of \$3.352 billion, for a net margin before depreciation of \$127 million. This compares to sales of \$2.463 billion and \$3.598 billion, expenses of \$2.316 billion and \$3.505 billion, and margins before depreciation of \$147 million and \$93 million in 2009 and 2008, respectively. In 2010, Chesapeake realized an increase in marketing, gathering and compression sales and operating expenses primarily due to an increase in third-party marketing, gathering and compression volumes. This increase was offset by a decrease in revenues, expenses and margin related to certain of our midstream assets that were contributed to our midstream joint venture on September 30, 2009 and subsequently deconsolidated on January 1, 2010. In 2009, Chesapeake realized an increase in third-party marketing, marketing, gathering and compression volumes.

Service Operations Revenue and Operating Expenses. Service operations consist of third-party revenue and operating expenses related to our drilling and oilfield trucking operations. Chesapeake recognized \$240 million in service operations revenue in 2010 with corresponding service operations expenses of \$208 million, for a net margin before depreciation of \$32 million. This compares to revenue of \$190 million and \$173 million, expenses of \$182 million and \$143 million and a net margin before depreciation of \$8 million and \$30 million in 2009 and 2008, respectively. Service operations margins have increased as service rates increased throughout 2010. The economic slowdown toward the end of 2008 and throughout 2009 caused decreased service rates and increased stacked rigs, resulting in much lower operating margins for 2009 when compared to 2010 and 2008.

Production Expenses. Production expenses, which include lifting costs and ad valorem taxes, were \$893 million in 2010, compared to \$876 million and \$889 million in 2009 and 2008, respectively. On a unit-of-production basis, production expenses were \$0.86 per mcfe in 2010 compared to \$0.97 and \$1.05 per mcfe in 2009 and 2008, respectively. The per unit expense decreases in 2010 and 2009 were primarily the result of completing new high volume wells with lower per unit production costs.

The following table shows our production expenses by region and our ad valorem tax expenses for 2010, 2009 and 2008 (\$ in millions, except per unit):

|                         | 20                     | 10      | 20                     | 09      | 2008                   |          |  |  |
|-------------------------|------------------------|---------|------------------------|---------|------------------------|----------|--|--|
|                         | Production<br>Expenses | \$/mcfe | Production<br>Expenses | \$/mcfe | Production<br>Expenses | \$/mcfe  |  |  |
| Mid-Continent           | \$ 309                 | 0.98    | \$ 300                 | \$ 0.98 | \$ 362                 | 1.01     |  |  |
| Haynesville/Bossier     |                        |         |                        |         |                        |          |  |  |
| Shale                   | 65                     | 0.27    | 33                     | 0.39    | 37                     | 1.33     |  |  |
| Barnett Shale           | 142                    | 0.81    | 158                    | 0.66    | 128                    | 0.71     |  |  |
| Fayetteville Shale      | 40                     | 0.29    | 23                     | 0.25    | 13                     | 0.24     |  |  |
| Permian and Delaware    |                        |         |                        |         |                        |          |  |  |
| Basins                  | 94                     | 1.54    | 112                    | 1.52    | 134                    | 1.67     |  |  |
| Marcellus Shale         | 37                     | 1.08    | 24                     | 1.10    | 4                      | 1.63     |  |  |
| Eagle Ford Shale        | 3                      | 1.50    |                        |         |                        | <u> </u> |  |  |
| Rockies/Williston Basin | 2                      | 1.67    | 2                      |         |                        |          |  |  |
| Other                   | 136                    | 1.76    | 144                    | 1.61    | 137                    | 1.00     |  |  |
|                         | 828                    | 0.80    | 796                    | 0.88    | 815                    | 0.96     |  |  |
| Ad valorem tax          | 65                     | 0.06    | 80                     | 0.09    | 74                     | 0.09     |  |  |
| Total                   | \$ 893                 | 0.86    | \$ 876                 | 0.97    | \$ 889                 | 1.05     |  |  |

*Production Taxes.* Production taxes were \$157 million in 2010 compared to \$107 million in 2009 and \$284 million in 2008. On a unit-of-production basis, production taxes were \$0.15 per mcfe in 2010 compared to \$0.12 per mcfe in 2009 and \$0.34 per mcfe in 2008. The \$50 million increase in production taxes from 2009 to 2010 is due to an increase in the realized average sales price of natural gas and oil of \$0.47 per mcfe (excluding gains or losses on derivatives), and a production increase of 129.7 bcfe. The decrease in 2009 was due to a decrease in the realized average sales price of natural gas and oil of \$4.76 per mcfe (excluding gains or losses on derivatives). In general, production taxes are calculated using value-based formulas that produce higher per unit costs when natural gas and oil prices are higher.

General and Administrative Expense. General and administrative expenses, including stock-based compensation but excluding internal costs capitalized to our natural gas and oil properties (see Note 10 of the notes to our consolidated financial statements included in Item 8 of this report), were \$453 million in 2010, \$349 million in 2009 and \$377 million in 2008. General and administrative expenses were \$0.44, \$0.38 and \$0.45 per mcfe for 2010, 2009 and 2008, respectively. The increase in 2010 is the result of the company's continued growth resulting in higher payroll and associated costs. The decrease in 2009 was primarily the result of decreased spending related to media relations. Included in general and administrative expenses is stock-based compensation of \$84 million in 2010, \$83 million in 2009 and \$85 million in 2008. Restricted stock grants expense is based on the price of our common stock on the date of grant.

Our stock-based compensation for employees and non-employee directors is in the form of restricted stock. Employee restricted stock awards generally vest over a period of four or five years. Our non-employee director awards vest over a period of three years. The discussion of stock-based compensation in Note 1 and Note 8 of the notes to our consolidated financial statements included in Item 8 of this report provides additional detail on the accounting for and reporting of our stock-based compensation.

Chesapeake follows the full-cost method of accounting under which all costs associated with natural gas and oil property acquisition, exploration and development activities are capitalized. We capitalize internal costs that can be directly identified with our acquisition, exploration and development activities and do not include any costs related to production, general corporate overhead or similar activities. In addition, we capitalize internal costs that can be identified with construction of certain of our property, plant and equipment. We capitalized \$384 million, \$359 million and \$352 million of internal costs in 2010, 2009 and 2008, respectively, directly related to our natural gas and oil property acquisition, exploration and development efforts and the construction of our property, plant and equipment.

Natural Gas and Oil Depreciation, Depletion and Amortization. Depreciation, depletion and amortization of natural gas and oil properties was \$1.394 billion, \$1.371 billion and \$1.970 billion during 2010, 2009 and 2008, respectively. The average DD&A rate per mcfe, which is a function of capitalized costs, future development

costs, and the related underlying reserves in the periods presented, was \$1.35, \$1.51 and \$2.34 in 2010, 2009 and 2008, respectively. The decrease in the average rate from \$2.34 in 2008 to \$1.35 in 2010 is due primarily to reductions of our natural gas and oil full-cost pool resulting from our divestitures in 2008, 2009 and 2010, impairments of our full-cost pool in 2008 and 2009 as well as the addition of reserves through our drilling activities.

Depreciation and Amortization of Other Assets. Depreciation and amortization of other assets was \$220 million in 2010, compared to \$244 million in 2009 and \$174 million in 2008. The average DD&A rate per mcfe was \$0.21, \$0.27 and \$0.21 in 2010, 2009 and 2008, respectively. The decrease from 2009 to 2010 was primarily due to certain of our midstream assets that were contributed to our midstream joint venture on September 30, 2009 and subsequently deconsolidated on January 1, 2010, offset by additional depreciation expense associated with the assets acquired over the past year. Property and equipment costs are depreciated over 20 years, drilling rigs are depreciated over 15 years and all other property and equipment are depreciated over the estimated useful lives of the assets, which range from two to twenty years. To the extent company-owned drilling rigs are used to drill our wells, a substantial portion of the depreciation is capitalized in natural gas and oil properties as exploration or development costs.

Impairment of Natural Gas and Oil Properties. Due to lower commodity prices in the second half of 2008 and throughout 2009, we reported a non-cash impairment charge on our natural gas and oil properties of \$11.0 billion in 2009 and \$2.8 billion in 2008. We account for our natural gas and oil properties using the full-cost method of accounting, which limits the amount of costs we can capitalize and requires us to write off these costs if the carrying value of natural gas and oil assets in the evaluated portion of our full-cost pool exceeds the sum of the present value of expected future net cash flows of proved reserves using a 10% pre-tax discount rate based on pricing and cost assumptions prescribed by the SEC and the present value of certain natural gas and oil hedges.

(Gains) Losses on Sales of Other Property and Equipment. In 2010, we recorded a (\$137) million gain associated with sales of other property and equipment which consisted of a (\$157) million gain on the sale of our Springridge gas gathering system to our affiliate, CHKM, and a net \$20 million loss related to various sales of other property and equipment, including the sale of pipe, gas gathering systems and other miscellaneous assets. In 2009, we recorded a \$38 million loss on the sale of two gathering systems. There were nominal amounts of gains and losses on the sales of other property and equipment in 2008.

Other Impairments. In 2010, we recorded a \$21 million impairment to natural gas gathering systems primarily related to the obsolescence of certain pipe inventory. In 2009, we recorded a \$130 million impairment of other property and equipment and other assets. An \$86 million impairment was associated with certain of our midstream assets contributed to our midstream joint venture in September 2009, as well as a \$4 million impairment of debt issuance costs associated with the portion of our \$460 million midstream revolving bank credit facility that was reduced to \$250 million as a result of the joint venture. Also in 2009, we recognized a \$27 million charge associated with certain of our service operations assets and \$13 million of bad debt expense related to potentially uncollectible receivables. In 2008, we recorded a \$30 million impairment associated with certain of our midstream assets.

Restructuring Costs. In 2009, we recorded \$34 million of restructuring and relocation costs in our Eastern Division and certain other workforce reduction costs. We reorganized our Charleston, West Virginia-based Eastern Division from a regional corporate headquarters to a regional field office consistent with the business model we use elsewhere in the country. As a result, we consolidated the management of our Eastern Division land, legal, accounting, information technology, geoscience and engineering departments into our corporate offices in Oklahoma City. The costs of the restructuring included termination benefits, consolidating or closing facilities and relocating employees. The discussion of restructuring costs in Note 13 of our consolidated financial statements included in Item 8 of this report provides additional detail on the accounting for and reporting of these costs.

Interest Expense. Interest expense decreased to \$19 million in 2010 compared to \$113 million in 2009 and \$271 million in 2008 as follows:

|  | Years Ended December 31, |        |      |          |    |        |  |
|--|--------------------------|--------|------|----------|----|--------|--|
|  | 2010                     |        | 2009 |          |    | 2008   |  |
|  |                          |        | in i | millions | s) |        |  |
| Interest expense on senior notes                       | \$                       | 718    | \$   | 765      | \$ | 637    |  |
| Interest expense on credit facilities                  |                          | 61     |      | 60       |    | 117    |  |
| Capitalized interest                                   |                          | (716)  |      | (633)    |    | (585)  |  |
| Realized (gains) losses on interest rate derivatives   |                          | (14)   |      | (23)     |    | (6)    |  |
| Unrealized (gains) losses on interest rate derivatives |                          | (66)   |      | (91)     |    | 85     |  |
| Amortization of loan discount and other                |                          | 36     |      | 35       |    | 23     |  |
| Total interest expense                                 | \$                       | 19     | \$   | 113      | \$ | 271    |  |
| Average long-term borrowings                           | \$                       | 10,345 | \$   | 11,167   | \$ | 10,044 |  |

Interest expense, excluding unrealized (gains) losses on interest rate derivatives, was \$0.08 per mcfe in 2010 compared to \$0.22 per mcfe in both 2009 and 2008. The decrease in interest expense per mcfe from 2009 and 2008 is due to increased production volumes, a decrease in our senior notes outstanding and an increase in capitalized interest. Capitalized interest increased in 2010 and 2009 as a result of a significant increase in unevaluated properties, the base on which interest is capitalized.

*Earnings (Losses) from Equity Investees.* Earnings (losses) from equity investees was \$227 million, (\$39) million and (\$38) million in 2010, 2009 and 2008, respectively. The 2010 income consisted of \$106 million related to our equity in the net income of certain investments and \$121 million related to the initial public offering by CHKM and a private offering of common stock by Chaparral Energy, Inc., which represented our proportionate share of the excess of offering proceeds over our carrying value. The 2009 and 2008 losses related to our equity in the net losses of certain investments.

Loss on Redemptions or Exchanges of Debt. During 2010, we redeemed in whole for an aggregate redemption price of approximately \$1.366 billion, plus accrued interest, approximately \$364 million in principal amount of our outstanding 7.50% Senior Notes due 2013, \$300 million in principal amount of our 7.50% Senior Notes due 2014 and approximately \$670 million in principal amount of our 6.875% Senior Notes due 2016. Associated with the redemptions, we recognized a loss of \$69 million in 2010. Also during 2010, we redeemed in whole for a redemption price of approximately \$619 million, plus accrued interest, all \$600 million in principal amount of our 6.375% Senior Notes due 2015. We recognized a loss of \$19 million in 2010 associated with the redemptions.

Additionally during 2010, we completed tender offers to purchase for cash \$245 million of 7.00% Senior Notes due 2014, \$567 million of 6.625% Senior Notes due 2016 and \$582 million of 6.25% Senior Notes due 2018. Following the completion of these tender offers, we redeemed the remaining \$55 million of 7.00% Senior Notes due 2014, \$33 million of 6.625% Senior Notes due 2016 and \$18 million of 6.25% Senior Notes due 2018 based on the redemption provisions in the indentures. Associated with these tender offers and redemptions, we recognized a loss of \$40 million in 2010.

Finally, in 2010, we privately exchanged approximately \$11 million in aggregate principal amount of our 2.25% Contingent Convertible Senior Notes due 2038 for an aggregate of 298,500 shares of our common stock valued at approximately \$9 million. Through these transactions, we were able to retire this debt for common stock valued at approximately 80% of the face value of the notes. Of the \$11 million principal amount of convertible notes exchanged in 2010, \$7 million was allocated to the debt component of the notes and the remaining \$4 million was allocated to the equity conversion feature of the notes and was recorded as an adjustment to paid-in-capital. The difference between the debt component and value of the common stock exchanged in these transactions resulted in the \$2 million loss (including a nominal amount of deferred charges associated with the exchanges).

In 2009, we privately exchanged approximately \$364 million in aggregate principal amount of our 2.25% Contingent Convertible Senior Notes due 2038 for an aggregate of 10,210,169 shares of our common stock valued at approximately \$262 million. Through these transactions, we were able to retire this debt for common stock valued at approximately 75% of the face value of the notes. Of the \$364 million principal amount of

convertible notes exchanged in 2009, \$227 million was allocated to the debt component and the remaining \$137 million was allocated to the equity conversion feature and was recorded as an adjustment to paid-in capital. The difference between the debt component and value of the common stock exchanged in these transactions resulted in a \$40 million loss (including \$5 million of deferred charges associated with the exchanges).

During 2008, we exchanged approximately \$254 million, \$272 million and \$239 million in aggregate principal amount of our 2.25% Contingent Convertible Senior Notes due 2038, 2.50% Contingent Convertible Senior Notes due 2037, and 2.75% Contingent Convertible Senior Notes due 2035, respectively, for an aggregate of 23,913,212 shares of our common stock valued at approximately \$480 million. Through these transactions, we were able to redeem this debt for common stock valued at approximately 65% of the face value of the notes. Associated with these exchanges, we recorded a gain of \$27 million. Of the combined \$765 million principal amount of convertible notes exchanged in 2008, \$515 million was allocated to the debt component and the remaining \$250 million was allocated to the equity conversion feature and was recorded as an adjustment to paid-in-capital. The difference between the debt component and the value of the common stock exchanged in these transactions resulted in a \$35 million gain. This gain was partially offset by the write-off of \$8 million in deferred charges associated with these exchanges.

Also during 2008, we repurchased \$300 million of our 7.75% Senior Notes due 2015 in order to re-finance a portion of our long-term debt at a lower rate of interest. In connection with the transaction, we recorded a \$31 million loss, which consisted of a \$12 million premium and \$19 million of discounts, interest rate derivatives and deferred charges associated with the notes.

Impairment of Investments. We recorded \$16 million, \$162 million and \$180 million of impairments of certain investments in 2010, 2009 and 2008, respectively. Each of our investees has been impacted by the dramatic slowing of the worldwide economy and the freezing of the credit markets in the fourth quarter of 2008 and into 2009 and 2010. The economic weakness has resulted in significantly reduced natural gas and oil prices leading to a meaningful decline in the overall level of activity in the markets served by our investees. Associated with the weakness in performance of certain of the investees, as well as an evaluation of their financial condition and near-term prospects, we recognized that an other than temporary impairment had occurred on certain investments.

Other Income. Other income was \$16 million, \$11 million and \$27 million in 2010, 2009 and 2008, respectively. The 2010 income consisted of \$8 million of interest income and \$8 million of miscellaneous income. The 2009 income consisted of \$8 million of interest income and \$3 million of miscellaneous income. The 2008 income consisted of \$22 million of interest income, \$10 million of expense related to consent solicitation fees and \$15 million of miscellaneous income.

*Income Tax Expense (Benefit).* Chesapeake recorded income tax expense of \$1.110 billion in 2010 compared to an income tax benefit of \$3.483 billion in 2009 and income tax expense of \$387 million in 2008. The entire income tax expense recorded in 2010 is deferred. Of the \$4.593 billion increase in 2010, \$4.564 billion was the result of the increase in net income before taxes and \$29 million was the result of an increase in the effective tax rate. Our effective income tax rate was 38.5% in 2010 compared to 37.5% in 2009 and 39% in 2008. Our effective tax rate fluctuates as a result of the impact of state income taxes and permanent differences. We expect our effective income tax rate to be 39% in 2011.

Loss on Conversion/Exchange of Preferred Stock. Loss on conversion/exchange of preferred stock was \$67 million in 2008. There were no losses on conversion/exchange of preferred stock in 2010 and 2009. In general, the loss on the exchanges represented the excess of the fair value of the common stock issued over the fair value of the securities issuable pursuant to the original conversion terms. See Note 8 of the notes to our consolidated financial statements in Item 8 of this report for further detail regarding these transactions.

# **Application of Critical Accounting Policies**

Readers of this report and users of the information contained in it should be aware of how certain events may impact our financial results based on the accounting policies in place. The three policies we consider to be the most significant are discussed below. The company's management has discussed each critical accounting policy with the Audit Committee of the company's Board of Directors. The selection and application of accounting policies are an important process that changes as our business changes and as accounting rules are developed. Accounting rules generally do not involve a selection among alternatives, but involve an implementation and interpretation of existing rules and the use of judgment to the specific set of circumstances existing in our business.

Hedging. Chesapeake uses commodity price and financial risk management instruments to mitigate our exposure to price fluctuations in natural gas and oil and changes in interest rates and foreign exchange rates. Recognized gains and losses on derivative contracts are reported as a component of the related transaction. Results of natural gas and oil derivative contracts are reflected in natural gas and oil sales, and results of interest rate and foreign exchange rate hedging contracts are reflected in interest expense. The changes in the fair value of derivative instruments not qualifying for designation as either cash flow or fair value hedges that occur prior to maturity are reported currently in the consolidated statement of operations as unrealized gains (losses) within natural gas and oil sales or interest expense. Cash flows from derivative contracts are classified in the same category within the statement of cash flows as the items being hedged, or on a basis consistent with the nature of the instruments.

Accounting guidance for derivatives and hedging establishes accounting and reporting standards requiring that derivative instruments (including certain derivative instruments embedded in other contracts) be recorded at fair value and included in the consolidated balance sheet as assets or liabilities. The accounting for changes in the fair value of a derivative instrument depends on the intended use of the derivative and the resulting designation, which is established at the inception of a derivative. For derivative instruments designated as natural gas and oil cash flow hedges, changes in fair value, to the extent the hedge is effective, are recognized in other comprehensive income until the hedged item is recognized in earnings as natural gas and oil sales. Any change in the fair value resulting from ineffectiveness is recognized immediately in natural gas and oil sales. For derivative instruments designated as fair value hedges, changes in fair value, as well as the offsetting changes in the estimated fair value of the hedged item attributable to the hedged risk, are recognized currently in earnings as interest expense. Differences between the changes in the fair values of the hedged item and the derivative instrument, if any, represent gains or losses on ineffectiveness and are reflected currently in interest expense. Hedge effectiveness is measured at least quarterly based on the relative changes in fair value between the derivative contract and the hedged item over time. Changes in fair value of contracts that do not qualify as hedges or are not designated as hedges are also recognized currently in earnings as interest expense. See Hedging Activities above and Item 7A. Quantitative and Qualitative Disclosures About Market Risk for additional information regarding our hedging activities.

One of the primary factors that can have an impact on our results of operations is the method used to value our derivatives. We have established the fair value of our derivative instruments utilizing established index prices, volatility curves and discount factors. These estimates are compared to our counterparty values for reasonableness. Derivative transactions are also subject to the risk that counterparties will be unable to meet their obligations. Such non-performance risk is considered in the valuation of our derivative instruments, but to date has not had a material impact on the values of our derivatives. The values we report in our financial statements are as of a point in time and subsequently change as these estimates are revised to reflect actual results, changes in market conditions and other factors.

Another factor that can impact our results of operations each period is our ability to estimate the level of correlation between future changes in the fair value of the hedge instruments and the transactions being hedged, both at inception and on an ongoing basis. This correlation is complicated since energy commodity prices, the primary risk we hedge, have quality and location differences that can be difficult to hedge effectively. The factors underlying our estimates of fair value and our assessment of correlation of our hedging derivatives are impacted by actual results and changes in conditions that affect these factors, many of which are beyond our control.

Due to the volatility of natural gas and oil prices and, to a lesser extent, interest rates and foreign exchange rates, the company's financial condition and results of operations can be significantly impacted by changes in the market value of our derivative instruments. As of December 31, 2010, 2009 and 2008, the fair value of our derivatives was a liability of \$761 million, a liability of \$63 million and an asset of \$1.165 billion, respectively.

Natural Gas and Oil Properties. The accounting for our business is subject to special accounting rules that are unique to the natural gas and oil industry. There are two allowable methods of accounting for natural gas

and oil business activities: the successful efforts method and the full-cost method. Chesapeake follows the fullcost method of accounting under which all costs associated with property acquisition, exploration and development activities are capitalized. We also capitalize internal costs that can be directly identified with our acquisition, exploration and development activities and do not include any costs related to production, general corporate overhead or similar activities.

Under the successful efforts method, geological and geophysical costs and costs of carrying and retaining undeveloped properties are charged to expense as incurred. Costs of drilling exploratory wells that do not result in proved reserves are charged to expense. Depreciation, depletion, amortization and impairment of natural gas and oil properties are generally calculated on a well by well or lease or field basis versus the aggregated "full-cost" pool basis. Additionally, gain or loss is generally recognized on all sales of natural gas and oil properties under the successful efforts method. As a result, our financial statements will differ from companies that apply the successful efforts method since we will generally reflect a higher level of capitalized costs as well as a higher natural gas and oil depreciation, depletion and amortization rate, and we will not have exploration expenses that successful efforts companies frequently have.

Under the full-cost method, capitalized costs are amortized on a composite unit-of-production method based on proved natural gas and oil reserves. If we maintain the same level of production year over year, the depreciation, depletion and amortization expense may be significantly different if our estimate of remaining reserves or future development costs changes significantly. Proceeds from the sale of properties are accounted for as reductions of capitalized costs unless such sales involve a significant change in proved reserves and significantly alter the relationship between costs and proved reserves, in which case a gain or loss is recognized. The costs of unproved properties are excluded from amortization until the properties are evaluated. We review all of our unevaluated properties quarterly to determine whether or not and to what extent proved reserves have been assigned to the properties, and otherwise if impairment has occurred. Unevaluated properties are grouped by major producing area where individual property costs are not significant and are assessed individually when individual costs are significant.

We review the carrying value of our natural gas and oil properties under the full-cost accounting rules of the Securities and Exchange Commission on a quarterly basis. This quarterly review is referred to as a ceiling test. Under the ceiling test, capitalized costs, less accumulated amortization and related deferred income taxes, may not exceed an amount equal to the sum of the present value of estimated future net revenues (adjusted for cash flow hedges) less estimated future expenditures to be incurred in developing and producing the proved reserves, less any related income tax effects. For 2010 and 2009, in calculating estimated future net revenues, current prices are calculated as the unweighted arithmetic average of natural gas and oil prices on the first day of each month within the 12-month period ended. Costs used are those as of the end of the appropriate quarterly period. For 2008, current prices and costs used are those as of the end of the appropriate quarterly period. Such prices are utilized except where different prices are fixed and determinable from applicable contracts for the remaining term of those contracts, including the effects of derivatives qualifying as cash flow hedges.

Two primary factors impacting this test are reserve levels and natural gas and oil prices, and their associated impact on the present value of estimated future net revenues. Revisions to estimates of natural gas and oil reserves and/or an increase or decrease in prices can have a material impact on the present value of estimated future net revenues. Any excess of the net book value, less deferred income taxes, is generally written off as an expense.

Income Taxes. As part of the process of preparing the consolidated financial statements, we are required to estimate the federal and state income taxes in each of the jurisdictions in which Chesapeake operates. This process involves estimating the actual current tax exposure together with assessing temporary differences resulting from differing treatment of items, such as derivative instruments, depreciation, depletion and amortization, and certain accrued liabilities for tax and accounting purposes. These differences and our net operating loss carryforwards result in deferred tax assets and liabilities, which are included in our consolidated balance sheet. We must then assess, using all available positive and negative evidence, the likelihood that the deferred tax assets will be recovered from future taxable income. If we believe that recovery is not likely, we must establish a valuation allowance. Generally, to the extent Chesapeake establishes a valuation allowance or increases or decreases this allowance in a period, we must include an expense or reduction of expense within the tax provision in the consolidated statement of operations.

Under accounting guidance for income taxes, an enterprise must use judgment in considering the relative impact of negative and positive evidence. The weight given to the potential effect of negative and positive evidence should be commensurate with the extent to which it can be objectively verified. The more negative evidence that exists (i) the more positive evidence is necessary and (ii) the more difficult it is to support a conclusion that a valuation allowance is not needed for some portion or all of the deferred tax asset. Among the more significant types of evidence that we consider are:

- taxable income projections in future years;
- whether the carryforward period is so brief that it would limit realization of the tax benefit;
- future sales and operating cost projections that will produce more than enough taxable income to realize the deferred tax asset based on existing sales prices and cost structures; and
- our earnings history exclusive of the loss that created the future deductible amount coupled with evidence indicating that the loss is an aberration rather than a continuing condition.

If (i) natural gas and oil prices were to decrease significantly below present levels (and if such decreases were considered other than temporary), (ii) exploration, drilling and operating costs were to increase significantly beyond current levels, or (iii) we were confronted with any other significantly negative evidence pertaining to our ability to realize our NOL carryforwards prior to their expiration, we may be required to provide a valuation allowance against our deferred tax assets. As of December 31, 2010, we had deferred tax assets of \$1.9 billion.

Accounting guidance for recognizing and measuring uncertain tax positions prescribes a threshold condition that a tax position must meet for any of the benefit of the uncertain tax position to be recognized in the financial statements. Guidance is also provided regarding de-recognition, classification and disclosure of these uncertain tax positions. Based on this guidance, we regularly analyze tax positions taken or expected to be taken in a tax return based on the threshold condition prescribed. Tax positions that do not meet or exceed this threshold condition are considered uncertain tax positions. We accrue interest related to these uncertain tax positions which is recognized in interest expense. Penalties, if any, related to uncertain tax positions would be recorded in other expenses. Additional information about uncertain tax positions appears in Note 5 of the notes to our consolidated financial statements.

#### **Disclosures About Effects of Transactions with Related Parties**

#### Chief Executive Officer

As of December 31, 2010, we had accrued accounts receivable from our Chief Executive Officer, Aubrey K. McClendon, of \$30 million representing joint interest billings from December 2010 which were invoiced and timely paid in January 2011. Since Chesapeake was founded in 1989, Mr. McClendon has acquired working interests in virtually all of our natural gas and oil properties by participating in our drilling activities under the terms of the Founder Well Participation Program (FWPP) and predecessor participation arrangements provided for in Mr. McClendon's employment agreements. Under the FWPP, approved by our shareholders in June 2005, Mr. McClendon may elect to participate in all or none of the wells drilled by or on behalf of Chesapeake during a calendar year, but he is not allowed to participate only in selected wells. A participation election is required to be received by the Compensation Committee of Chesapeake's Board of Directors not less than 30 days prior to the start of each calendar year. His participation is permitted only under the terms outlined in the FWPP, which, among other things, limits his individual participation to a maximum working interest of 2.5% in a well and prohibits participation in situations where Chesapeake's working interest would be reduced below 12.5% as a result of his participation. In addition, the company is reimbursed for costs associated with leasehold acquired by Mr. McClendon as a result of his well participation.

On December 31, 2008, we entered into a new five-year employment agreement with Mr. McClendon that contained a one-time well cost incentive award to him. The total cost of the award to Chesapeake was \$75 million plus employment taxes in the amount of approximately \$1 million. We are recognizing the incentive award as general and administrative expense over the five-year vesting period for the clawback described below, resulting in an expense of approximately \$15 million per year beginning in 2009. In addition to state and federal income tax withholding, similar employment taxes were imposed on Mr. McClendon and withheld from the award. The net incentive award of approximately \$44 million was fully applied against costs attributable to interests in company wells acquired by Mr. McClendon or his affiliates under the FWPP. The incentive award is subject to a clawback equal to any unvested portion of the award if during the initial five-year term of the employment agreement, Mr. McClendon resigns from the company or is terminated for cause by the company.

# Other Related Parties

During 2010, our 42%-owned affiliate, Chesapeake Midstream Partners, L.P. (CHKM), provided natural gas gathering and treating services to us in the ordinary course of business. In addition, there are various agreements in place whereby we support CHKM in various functions for which we are reimbursed. During 2010, our transactions with CHKM included the following:

|  | D  | Year Ended<br>ecember 31, 2010 |
|--|----|--------------------------------|
|  |    | (\$ in millions)               |
| Amounts paid to CHKM:<br>Gas gathering fees                              | \$ | 378                            |
| Amounts received from CHKM:<br>Compressor rentals<br>Inventory purchases |    | 48<br>47<br>72                 |
| Total amounts received from CHKM   |    | 168                            |
| Other services provided <sup>(a)</sup>                                   |    |                                |

(a) Includes amounts received related to the General and Administrative Services and Reimbursement Agreement, the Employee Secondment Agreement, the Shared Services Agreement and the Additional Services and Reimbursement Agreement agreed to at the formation of the joint venture.

As of December 31, 2010, we had a net payable to CHKM of \$45 million.

During 2010 and 2009, our 26%-owned affiliate, Frac Tech Holdings, LLC, provided us hydraulic fracturing and other services in the ordinary course of business. During 2010 and 2009, we paid Frac Tech \$89 million and \$43 million, respectively, for these services. As of December 31, 2010 and 2009, we had \$30 million and \$8 million, respectively, due Frac Tech for services provided and not yet paid.

# **Recently Issued Accounting Standards**

The Financial Accounting Standards Board (FASB) recently issued the following standards which we reviewed to determine the potential impact on our financial statements upon adoption.

In February 2010, the FASB amended its guidance on subsequent events to remove the requirement for SEC filers to disclose the date through which an entity has evaluated subsequent events. The guidance was effective upon issuance. We adopted this guidance in 2010.

The FASB also issued new guidance requiring additional disclosures about fair value measurements, adding a new requirement to disclose transfers in and out of Levels 1 and 2 measurements and gross presentation of activity within a Level 3 roll forward. The guidance also clarified existing disclosure requirements regarding the level of disaggregation of fair value measurements and disclosures regarding inputs and valuation techniques. We adopted this guidance in the Current Period. Adoption had no impact on our financial position or results of operations. Required disclosures for the reconciliation of purchases, sales, issuance and settlements of financial instruments valued with a Level 3 method are effective beginning on January 1, 2011, and we do not expect the implementation to have a material impact on our financial position or results of operations. See Note 14 of the notes to our consolidated financial statements in Item 8 of this report for discussion regarding fair value measurements.

#### **Forward-Looking Statements**

This report includes "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. Forward-looking statements are statements other than historical fact and give our current expectations or forecasts of future events. They include estimates of natural gas and oil reserves, expected natural gas and oil production and future expenses, assumptions regarding future natural gas and oil prices, planned capital expenditures, and anticipated asset acquisitions and sales, as well as statements concerning anticipated cash flow and liquidity, business strategy and other plans and objectives for future operations. Disclosures concerning the fair values of derivative contracts and their estimated contribution to our future results of operations are based upon market information as of a specific date. These market prices are subject to significant volatility.

Although we believe the expectations and forecasts reflected in these and other forward-looking statements are reasonable, we can give no assurance they will prove to have been correct. They can be affected by inaccurate assumptions or by known or unknown risks and uncertainties. Factors that could cause actual results to differ materially from expected results are described under *Risk Factors* in Item 1A of this report and include:

- the volatility of natural gas and oil prices;
- the limitations our level of indebtedness may have on our financial flexibility;
- declines in the values of our natural gas and oil properties resulting in ceiling test write-downs;
- the availability of capital on an economic basis, including planned asset monetization transactions, to fund reserve replacement costs;
- our ability to replace reserves and sustain production;
- uncertainties inherent in estimating quantities of natural gas and oil reserves and projecting future rates of production and the timing of development expenditures;
- inability to generate profits or achieve targeted results in our development and exploratory drilling and well operations;
- · leasehold terms expiring before production can be established;
- hedging activities resulting in lower prices realized on natural gas and oil sales and the need to secure hedging liabilities;
- drilling and operating risks, including potential environmental liabilities;
- changes in legislation and regulation adversely affecting our industry and our business;
- general economic conditions negatively impacting us and our business counterparties;
- · transportation capacity constraints and interruptions that could adversely affect our cash flow; and
- losses possible from pending or future litigation.

We caution you not to place undue reliance on these forward-looking statements, which speak only as of the date of this report, and we undertake no obligation to update this information. We urge you to carefully review and consider the disclosures made in this report and our other filings with the Securities and Exchange Commission that attempt to advise interested parties of the risks and factors that may affect our business.

#### ITEM 7A. Quantitative and Qualitative Disclosures About Market Risk

#### Natural Gas and Oil Hedging Activities

Our results of operations and cash flows are impacted by changes in market prices for natural gas and oil. To mitigate a portion of the exposure to adverse market changes, we have entered into various derivative instruments. These instruments allow us to predict with greater certainty the effective natural gas and oil prices to be received for our hedged production. Although derivatives often fail to achieve 100% effectiveness for accounting purposes, we believe our derivative instruments continue to be highly effective in achieving our risk management objectives.

Our general strategy for attempting to mitigate exposure to adverse natural gas and oil price changes is to hedge into strengthening natural gas and oil futures markets when prices allow us to generate high cash margins and when we view prices to be in the upper range of our predicted future price range. Information we consider in forming an opinion about future prices includes general economic conditions, industrial output levels and expectations, producer breakeven cost structures, liquefied natural gas import trends, natural gas and oil storage inventory levels, industry decline rates for base production and weather trends.

We use a wide range of derivative instruments to achieve our risk management objectives, including swaps and options (puts or calls). All of these are described in more detail below. We typically use swaps for a large portion of the natural gas and oil volume we hedge. Swaps are used when the price level is acceptable. We also sell calls, taking advantage of market volatility for a portion of our projected production volumes when the strike price levels and the premiums are attractive to us. Beginning in late 2009 and in 2010, we have taken advantage of attractive strip prices in 2012 through 2017 and sold natural gas and oil call options to our

counterparties in exchange for 2010, 2011 and 2012 natural gas swaps with fixed prices above the then current market price. This effectively allowed us to sell out-year volatility through call options at terms acceptable to us in exchange for natural gas swaps with fixed prices in excess of the market price for natural gas at that time. Additionally, we sell call options when we would be satisfied to sell our production at the price being capped by the call strike or believe it to be more likely than not that the future natural gas or oil price will stay below the call strike price plus the premium we will receive.

We determine the volume we may potentially hedge by reviewing the company's estimated future production levels, which are derived from extensive examination of existing producing reserve estimates and estimates of likely production (risked) from new drilling. Production forecasts are updated at least monthly and adjusted if necessary to actual results and activity levels. We do not hedge more volumes than we expect to produce, and if production estimates are lowered for future periods and hedges are already executed for some volume above the new production forecasts, the hedges are reversed. The actual fixed hedge price on our derivative instruments is derived from bidding and the reference NYMEX price, as reflected in current NYMEX trading. The pricing dates of our derivative contracts follow NYMEX futures. All of our derivative instruments are net settled based on the difference between the fixed price as stated in the contract and the floating-price payment, resulting in a net amount due to or from the counterparty.

We adjust our derivative positions in response to changes in prices and market conditions as part of an ongoing dynamic process. We review our derivative positions continuously and if future market conditions change and prices have fallen to levels we believe could jeopardize the effectiveness of a position, we will mitigate such risk by either doing a cash settlement with our counterparty, restructuring the position, or by entering into a new swap that effectively reverses the current position (a counter-swap). The factors we consider in closing or restructuring a position before the settlement date are identical to those we reviewed when deciding to enter into the original derivative position. Gains or losses related to closed positions will be realized in the month of related production based on the terms specified in the original contract.

In 2009, we restructured many of our contracts that included knockout features as commodity prices decreased. The knockouts were typically restructured into straight swaps or collars based on strip prices at the time of the restructure. In the latter half of 2010, we restructured a portion of our call options by lowering the strike price on call options sold for 2012 through 2015 and used the value to buy back call options for the same periods. This increased our capacity to hedge additional volumes.

As of December 31, 2010, our natural gas and oil derivative instruments consisted of the following:

- Swaps: Chesapeake receives a fixed price and pays a floating market price to the counterparty for the hedged commodity.
- Call options: Chesapeake sells call options in exchange for a premium from the counterparty. At the time of settlement, if the market price exceeds the fixed price of the call option, Chesapeake pays the counterparty such excess and if the market price settles below the fixed price of the call option, no payment is due from either party.
- Put options: Chesapeake receives a premium from the counterparty in exchange for the sale of a put
  option. At the time of settlement, if the market price falls below the fixed price of the put option,
  Chesapeake pays the counterparty such shortfall, and if the market price settles above the fixed price
  of the put option, no payment is due from either party.
- Knockout swaps: Chesapeake receives a fixed price and pays a floating market price. The fixed price
  received by Chesapeake includes a premium in exchange for the possibility to reduce the
  counterparty's exposure to zero, in any given month, if the floating market price is lower than certain
  pre-determined knockout prices.
- Basis protection swaps: These instruments are arrangements that guarantee a price differential to NYMEX for natural gas from a specified delivery point. For non-Appalachian Basin basis protection swaps, which typically have negative differentials to NYMEX, Chesapeake receives a payment from the counterparty if the price differential is greater than the stated terms of the contract and pays the counterparty if the price differential is less than the stated terms of the contract. For Appalachian Basin basis protection swaps, which typically have positive differentials to NYMEX, Chesapeake receives a payment from the counterparty if the price differential is less than the stated terms of the contract. For Appalachian Basin basis protection swaps, which typically have positive differentials to NYMEX, Chesapeake receives a payment from the counterparty if the price differential is less than the stated terms of the contract and pays the counterparty if the price differential is greater than the stated terms of the contract and pays the counterparty if the price differential is greater than the stated terms of the contract and pays the counterparty if the price differential is greater than the stated terms of the contract.

| As of December 31, 2010, w | ve had the following | open natural gas and oi | l derivative instruments. |
|----------------------------|----------------------|-------------------------|---------------------------|
|                            |                      |                         |                           |

|                              | Weighted Average Price Cas |          | _ Cash Flow | Fair  |   |       |                  |
|------------------------------|----------------------------|----------|-------------|-------|---|-------|------------------|
|                              | Volume _                   | Fixed    | Put         | Call  | Differentia                                   |       | Value            |
|                              | (bbtu)                     |          | (per mn     | nbtu) | <u>, , , , , , , , , , , , , , , , , , , </u> |       | (\$ in millions) |
| Natural Gas:                 |                            |          |             |       |   |       |                  |
| Swaps:                       |                            |          |             |       |   |       |                  |
| Q1 2011                      | 89,354 \$                  | 5.60 \$  | \$          | -     | -\$-  |       | •                |
| Q2 2011                      | 91,023                     | 5.35     |             |       |   | – Yes | 83               |
| Q3 2011                      | 132,480                    | 4.93     |             |       |   | – Yes | 47               |
| Q4 2011                      | 132,480                    | 4.93     | _           | _     |   | – Yes | 8                |
| 2012                         | 12,800                     | 6.00     | —           | -     |   | – Yes | 12               |
| Other Swaps <sup>(a)</sup> : |                            |          |             |       |   |       |                  |
| Q1 2011                      | 142,545                    | 6.43     |             |       |   | – No  | 298              |
| Q2 2011                      | 140,512                    | 6.35     |             |       |   | – No  | 268              |
| Q3 2011                      | 85,880                     | 6.70     | _           | _     |   | – No  | 183              |
| Q4 2011                      | 85,880                     | 6.73     |             |       | <b></b>                                       | – No  | 159              |
| 2012                         | 122,180                    | 6.19     | _           | -     |   | – No  | 138              |
| Call Options:                | ·                          |          |             |       |   |       |                  |
| 2012                         | 161,077                    |          |             | 6.5   | 4 _   | No    | (39)             |
| 2012                         | 436,033                    |          |             | 6.4   |   | – No  | (171)            |
| 2014                         | 330,183                    |          |             | 6.4   |   | – No  | (165)            |
| 2015                         | 226.446                    |          |             | 6.3   |   | – No  | · · ·            |
| 2016 – 2020                  | 324,003                    |          |             | 8.3   |   | – No  | (186)            |
|                              | 021,000                    |          |             | 0.0   |   |       | (100)            |
| Put Options:                 | (0,000)                    |          | 5 75        |       |   | NI-   | (40)             |
| Q1 2011                      | (9,000)                    |          | 5.75        | -     |   | – No  | (13)             |
| Q2 2011                      | (9,100)                    | _        | 5.75        |       |   | – No  | (12)             |
| Q3 2011                      | (16,560)                   |          | 5.42        |       |   | No    | . ,              |
| Q4 2011                      | (16,560)                   |          | 5.48        |       |   | – No  | (16)             |
| Basis Protection Swaps       |                            |          |             |       |   |       |                  |
| (Non-Appalachian Basin):     |                            |          |             |       |   |       |                  |
| Q2 2011,                     | 19,147                     |          | _           | -     | - (0.8  | 2) No | (10)             |
| Q3 2011                      | 19,397                     |          |             | -     | (0.8  | 2) No | (10)             |
| Q4 2011                      | 6,545                      |          |             | -     | - (0.8  | /     | (3)              |
| 2012                         | 50,532                     |          | —           | -     | - (0.7  | 8) No | (22)             |
| 2013 – 2019                  | 29,349                     | _        | —           | -     | - (0.6  | 9) No | (9)              |
| Basis Protection Swaps       |                            |          |             |       |   |       |                  |
| (Appalachian Basin):         |                            |          |             |       |   |       |                  |
| Q1 2011                      | 11,674                     |          | _           | _     | - 0.1   | 4 No  | (1)              |
| Q2 2011                      | 12,186                     |          | ·           |       | - 0.1   |       |                  |
| Q3 2011                      | 12,403                     |          |             | _     | - 0.1   | 4 No  |                  |
| Q4 2011                      | 12,324                     |          |             |       | - 0.1   |       |                  |
| 2012 – 2022                  | 134                        |          |             |       | - 0.1   |       |                  |
|                              |                            | ural Gas |             |       |   |       | 492              |
|                              | i otar wati                | uidi OdS | •••••       |       | •••••   |       | <u>492</u>       |

|                               |           | Weighted Average Price Cash |        |           |              |     | Fair             |
|-------------------------------|-----------|-----------------------------|--------|-----------|--------------|-----|------------------|
|                               | Volume    | Fixed                       | Put    | Call      | Differential |     | Value            |
|                               | (mbbl)    |                             | (per b | bl)       |              | -   | (\$ in millions) |
| Oil:                          |           |                             |        |           |              |     |                  |
| Swaps:                        |           |                             |        |           |              |     |                  |
| Q1 2011                       | 180 \$    |                             | \$     |           | \$ —         | Yes | \$ —             |
| Q2 2011                       | 182       | 91.35                       |        |           |              | Yes |                  |
| Q3 2011                       | 184       | 91.35                       |        |           |              | Yes | (1)              |
| Q4 2011                       | 184       | 91.35                       |        |           |              | Yes | (1)              |
| Other Swaps <sup>(a)</sup> :  |           |                             |        |           |              |     |                  |
| 2012                          | 1,830     | 100.00                      | _      |           |              | No  | (13)             |
| 2013                          | 1,825     | 100.00                      |        | —         |              | No  | (16)             |
| Call Options <sup>(b)</sup> : |           |                             |        |           |              |     |                  |
| Q1 2011                       | 2,250     |                             |        | 72.81     |              | No  | (28)             |
| Q2 2011                       | 2,275     |                             |        | 72.81     |              | No  | (33)             |
| Q3 2011                       | 2,300     |                             |        | 72.81     |              | No  | (37)             |
| Q4 2011                       | 2,300     |                             |        | 72.81     |              | No  | (40)             |
| 2012                          | 15,644    |                             |        | 79.82     |              | No  | (258)            |
| 2013                          | 12,739    |                             |        | 85.37     |              | No  | (226)            |
| 2014                          | 8,707     | _                           |        | 87.72     |              | No  | (151)            |
| 2015                          | 7,411     |                             |        | 85.31     |              | No  | (140)            |
| 2016 – 2017                   | 10,600    | _                           |        | 84.25     |              | No  | (216)            |
| Knock-Out Swaps:              |           |                             |        |           |              |     |                  |
| Q1 2011                       | 270       | 104.75                      | 60.00  |           |              | No  | 3                |
| Q2 2011                       | 273       | 104.75                      | 60.00  | _         |              | No  | 3                |
| Q3 2011                       | 276       | 104.75                      | 60.00  |           |              | No  | 3                |
| Q4 2011                       | 276       | 104.75                      | 60.00  | . <u></u> |              | No  | 2                |
| 2012                          | 732       | 109.50                      | 60.00  |           |              | No  | 8                |
| •                             | Total Oil | l                           |        |           |              |     | (1,141)          |
| Total Natural Gas and Oil     |           |                             |        |           |              |     | \$ (649)         |

(a) Other swaps are swaps not qualifying for designation as cash flow hedges. Other oil swaps include options to extend existing swaps for an additional 12 months. The volume of such extendables in 2012 – 2013 is 3,655 mbbl at a weighted average price of \$100.00/bbl.

(b) Included in oil call options are natural gas liquid call options in the amount of 5,000 bbls per day at \$39.06/bbl for 2011 and \$38.01/bbl for 2012.

In addition to the open derivative positions disclosed above, at December 31, 2010, we had \$160 million of net hedging gains related to settled trades for future production periods that will be recorded within natural gas and oil sales as realized gains (losses) as they are transferred from either accumulated other comprehensive income or unrealized gains (losses) in the month of related production based on the terms specified in the original contract as noted below:

|             | December 31,<br>2010 |
|-------------|----------------------|
|             | (\$ in millions)     |
| Q1 2011     | \$ 68                |
| Q2 2011     | 82                   |
| Q3 2011     | 79                   |
| Q4 2011     | 68                   |
| 2012        | 42                   |
| 2013        | 18                   |
| 2014        | (237)                |
| 2015        | <b>〕</b> 51          |
| 2016 – 2022 | (11)                 |
| Total       | \$ 160               |

We have determined the fair value of our derivative instruments utilizing established index prices, volatility curves and discount factors. These estimates are compared to our counterparty values for reasonableness. Derivative transactions are also subject to the risk that counterparties will be unable to meet their obligations. Such non-performance risk is considered in the valuation of our derivative instruments, but to date has not had a material impact on the values of our derivatives. Future risk related to counterparties not being able to meet their obligations has been mitigated under our secured hedging facility which requires counterparties to post collateral if their obligations to Chesapeake are in excess of defined thresholds. The values we report in our financial statements are as of a point in time and subsequently change as these estimates are revised to reflect actual results, changes in market conditions and other factors.

The table below reconciles the years ended December 31, 2010, 2009 and 2008 changes in fair value of our natural gas and oil derivatives. Of the \$649 million fair value liability as of December 31, 2010, \$947 million relates to contracts maturing in the next 12 months, of which we expect to transfer approximately \$15 million (net of income taxes) from accumulated other comprehensive income to net income (loss), and (\$1,596) million relates to contracts maturing after 12 months. All transactions hedged as of December 31, 2010 are expected to mature by December 31, 2022.

|  |    | 2010    |      | 2009     |    | 2008  |
|--|----|---------|------|----------|----|-------|
|  |    | (\$     | in i | millions | s) |       |
| Fair value of contracts outstanding, as of January 1   | \$ | 21      | \$   | 1,305    | \$ | (369) |
| Change in fair value of contracts                      |    | 995     |      | 1,266    |    | 1,880 |
| Fair value of new contracts when entered into          |    | (581)   |      | (21)     |    | (569) |
| Contracts realized or otherwise settled                |    | (1,691) |      | (2,102)  |    | 9     |
| Fair value of contracts when closed                    | _  | 607     |      | (427)    |    | 354   |
| Fair value of contracts outstanding, as of December 31 | \$ | (649)   | \$   | 21       | \$ | 1,305 |

The change in natural gas and oil prices during the year ended December 31, 2010 increased the value of our derivative assets by \$995 million. This gain is recorded in natural gas and oil sales or in accumulated other comprehensive income. We entered into new contracts which were in a liability position of \$581 million. We settled contracts for \$1.691 billion, and we closed out contracts, which were in a liability position of \$607 million. The realized gain or loss is recorded in natural gas and oil sales in the month of related production.

Pursuant to accounting guidance for derivatives and hedging, certain derivatives qualify for designation as cash flow hedges. Following these provisions, changes in the fair value of derivative instruments designated as cash flow hedges, to the extent they are effective in offsetting cash flows attributable to the hedged risk, are recorded in accumulated other comprehensive income until the hedged item is recognized in earnings as the physical transactions being hedged occur. Any change in fair value resulting from ineffectiveness is currently recognized in natural gas and oil sales as unrealized gains (losses). Realized gains (losses) are comprised of settled contracts related to the production periods being reported. Unrealized gains (losses) are comprised of both temporary fluctuations in the mark-to-market values of non-qualifying contracts and settled values of non-qualifying derivatives related to future production periods.

The components of natural gas and oil sales for the years ended December 31, 2010, 2009 and 2008 are presented below.

|  | Years Ended December |       |      |          |    | er 31, |
|--|----------------------|-------|------|----------|----|--------|
|  |                      | 2010  |      | 2009     |    | 2008   |
|  |                      |       | in i | millions | 5) |        |
| Natural gas and oil sales  | \$                   | 4,248 | \$   | 3,291    | \$ | 7,069  |
| Realized gains (losses) on natural gas and oil derivatives       |                      | 2,056 |      | 2,346    |    | (8)    |
| Unrealized gains (losses) on non-qualifying natural gas and oil  |                      |       |      |          |    |        |
| derivatives  |                      | (634) |      | (624)    |    | 887    |
| Unrealized gains (losses) on ineffectiveness of cash flow hedges |                      | (23)  |      | 36       |    | (90)   |
| Total natural gas and oil sales                                  | \$                   | 5,647 | \$   | 5,049    | \$ | 7,858  |

### Interest Rate Risk

The table below presents principal cash flows and related weighted average interest rates by expected maturity dates.

|                        |    |    |    |     |    | ١     | /ear  | s of M  | atu | rity  |     |          |          |
|------------------------|----|----|----|-----|----|-------|-------|---------|-----|-------|-----|----------|----------|
|                        | 20 | 11 | 2  | 012 | 2  | 2013  | 2     | 014     | :   | 2015  | The | ereafter | Total    |
|                        |    |    |    |     |    |       | (\$ i | n milli | ons | 5)    |     |          |          |
| Liabilities:           |    |    |    |     |    |       |       |         |     |       |     |          |          |
| Long-term debt – fixed |    |    |    |     |    |       |       |         |     |       |     |          |          |
| rate <sup>(a)</sup>    | \$ |    | \$ |     | \$ | 500   | \$    |         | \$  | 1,425 | \$  | 7,777    | \$ 9,702 |
| Average interest rate  |    | —  |    |     |    | 7.63% |       |         |     | 9.50% |     | 5.29%    | 6.03%    |
| Long-term debt –       |    |    |    |     |    |       |       |         |     |       |     |          |          |
| variable rate          | \$ |    | \$ | _   | \$ |       | \$    |         | \$  | 3,706 | \$  |          | \$ 3,706 |
| Average interest rate  |    |    |    |     |    |       |       |         |     | 2.13% |     | —        | 2.13%    |

(a) This amount does not include the discount included in long-term debt of (\$777) million and interest rate derivatives of \$9 million.

Changes in interest rates affect the amount of interest we earn on our cash, cash equivalents and shortterm investments and the interest rate we pay on borrowings under our revolving bank credit facilities. All of our other long-term indebtedness is fixed rate and, therefore, does not expose us to the risk of fluctuations in earnings or cash flow due to changes in market interest rates. However, changes in interest rates do affect the fair value of our fixed rate debt.

#### Interest Rate Derivatives

To mitigate our exposure to volatility in interest rates related to our senior notes and credit facilities, we enter into interest rate derivatives. As of December 31, 2010, our interest rate derivative instruments consisted of the following types of instruments:

- Swaps: Chesapeake enters into fixed-to-floating interest rate swaps (we receive a fixed interest rate and pay a floating market rate) to mitigate our exposure to changes in the fair value of our senior notes. We enter into floating-to-fixed interest rate swaps (we receive a floating market rate and a pay fixed interest rate) to manage our interest rate exposure related to our bank credit facility borrowings.
- Call options: Occasionally we sell call options for a premium when we think it is more likely that the
  option will expire unexercised. The option allows the counterparty to terminate a pre-determined open
  swap at a specific date.
- Swaptions: Occasionally we sell an option to a counterparty for a premium which allows the counterparty to enter into a pre-determined swap with us on a specific date.

As of December 31, 2010, the following interest rate derivatives were outstanding:

|   | N      | otional   | Weighte | d Average Rate          | Fair Value | e Net |             | F     | air  |
|---|--------|-----------|---------|-------------------------|------------|-------|-------------|-------|------|
|   |        | mount     | Fixed   | Floating <sup>(a)</sup> | Hedge      | P     | remiums     | -     | alue |
|   | (\$ in | millions) |         |                         |            |       | (\$ in mill | ions) | )    |
| <i>Fixed to Floating:</i><br>Swaps<br>Mature 2017 - |        |           |         |                         |            |       |             |       |      |
| 2020  | \$     | 600       | 6.75%   | 3 mL plus 397 bp        | Yes        | \$    | —           | \$    | (25) |
| Mature 2020   | \$     | 250       | 6.88%   | 3 mL plus 351 bp        | No         |       |             |       | (4)  |
| Call Options<br>Expire Q2 2011                      | \$     | 250       | 6.88%   | 3 mL plus 351 bp        | No         |       | 7           |       | (2)  |
| Swaption<br>Expire Q1 2011                          | \$     | 500       | 6.56%   | 3 mL plus 373 bp        | No         |       | 3           |       | (13) |
| Floating to Fixed:<br>Swaps<br>Mature 2014          | \$     | 1,050     | 2.19%   | 1– 6 mL                 | No         |       | _           |       | (25) |
|   |        |           |         |                         |            | \$    | 10          | \$    | (69) |

(a) Month LIBOR has been abbreviated "mL" and basis points has been abbreviated "bp".

In addition to open derivative positions disclosed above, at December 31, 2010 we had \$89 million of net hedging gains related to settled contracts that will be recorded within interest expense as realized gains (losses) as they are transferred from either our senior note liability or unrealized interest expense gains (losses) over the next ten-year term of the related senior notes.

Gains and losses from interest rate derivative transactions are reflected as adjustments to interest expense on the consolidated statements of operations. The components of interest expense for the years ended December 31, 2010, 2009 and 2008 are presented below.

|  | Y  | Years Ended Decen |      |          | nber 31, |       |
|--|----|-------------------|------|----------|----------|-------|
|  | 2  | 2010              |      | 2009     | ;        | 2008  |
|  |    |                   | § in | millions | 5)       |       |
| Interest expense on senior notes                       | \$ | 718               | \$   | 765      | \$       | 637   |
| Interest expense on credit facilities                  |    | 61                |      | 60       |          | 117   |
| Capitalized interest                                   |    | (716)             |      | (633)    |          | (585) |
| Realized (gains) losses on interest rate derivatives   |    | (14)              |      | (23)     |          | (6)   |
| Unrealized (gains) losses on interest rate derivatives |    | (66)              |      | (91)     |          | 85    |
| Amortization of loan discount and other                |    | 36                |      | 35       |          | 23    |
| Total interest expense                                 | \$ | 19                | \$   | 113      | \$       | 271   |

#### Foreign Currency Derivatives

On December 6, 2006, we issued €600 million of 6.25% Euro-denominated Senior Notes due 2017. Concurrent with the issuance of the euro-denominated senior notes, we entered into a cross currency swap to mitigate our exposure to fluctuations in the euro relative to the dollar over the term of the notes. Under the terms of the cross currency swap, on each semi-annual interest payment date, the counterparties pay Chesapeake €19 million and Chesapeake pays the counterparties \$30 million, which yields an annual dollar-equivalent interest rate of 7.491%. Upon maturity of the notes, the counterparties will pay Chesapeake €600 million and Chesapeake will pay the counterparties \$800 million. The terms of the cross currency swap were based on the dollar/euro exchange rate on the issuance date of \$1.3325 to €1.00. Through the cross currency swap, we have eliminated any potential variability in Chesapeake's expected cash flows related to changes in foreign exchange rates and therefore the swap qualifies as a cash flow hedge. The fair value of the cross currency swap is recorded on the consolidated balance sheet as a liability of \$43 million at December 31, 2010. The euro-denominated debt in notes payable has been adjusted to \$796 million at December 31, 2010 using an exchange rate of \$1.3269 to €1.00.

#### Additional Disclosures Regarding Derivative Instruments

In accordance with accounting guidance for derivatives and hedging, to the extent that a legal right of set-off exists, Chesapeake nets the value of its derivative instruments with the same counterparty in the accompanying consolidated balance sheets. Cash settlements of our derivative instruments are generally classified as operating cash flows unless the derivative contains a significant financing element at contract inception, in which case, these cash settlements are classified as financing cash flows in the accompanying consolidated statements of cash flows.

# ITEM 8. Financial Statements and Supplementary Data

# INDEX TO FINANCIAL STATEMENTS

# CHESAPEAKE ENERGY CORPORATION

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### MANAGEMENT'S REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING

It is the responsibility of the management of Chesapeake Energy Corporation to establish and maintain adequate internal control over financial reporting (as defined in Rule 13a-15(f) under the Securities Exchange Act of 1934). Management utilized the Committee of Sponsoring Organizations of the Treadway Commission's *Internal Control-Integrated Framework* (COSO framework) in conducting the required assessment of effectiveness of the company's internal control over financial reporting.

Management has performed an assessment of the effectiveness of the company's internal control over financial reporting and has determined the company's internal control over financial reporting was effective as of December 31, 2010.

The effectiveness of the company's internal control over financial reporting as of December 31, 2010 has been audited by PricewaterhouseCoopers LLP, an independent registered public accounting firm, as stated in its report which appears herein.

## /s/ AUBREY K. MCCLENDON

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Aubrey K. McClendon Chairman of the Board and Chief Executive Officer

/s/ DOMENIC J. DELL'OSSO, JR.

Domenic J. Dell'Osso, Jr. Executive Vice President and Chief Financial Officer

# REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

### To the Board of Directors and Shareholders of Chesapeake Energy Corporation,

In our opinion, the consolidated financial statements listed in the accompanying index present fairly, in all material respects, the financial position of Chesapeake Energy Corporation and its subsidiaries at December 31, 2010 and 2009, and the results of their operations and their cash flows for each of the three vears in the period ended December 31, 2010 in conformity with accounting principles generally accepted in the United States of America. In addition, in our opinion, the financial statement schedule listed in the accompanying index presents fairly, in all material respects, the information set forth therein when read in conjunction with the related consolidated financial statements. Also in our opinion, the Company maintained, in all material respects, effective internal control over financial reporting as of December 31, 2010, based on criteria established in Internal Control - Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). The Company's management is responsible for these financial statements and financial statement schedule, for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting, included in Management's Report on Internal Control over Financial Reporting. Our responsibility is to express opinions on these financial statements, on the financial statement schedule, and on the Company's internal control over financial reporting based on our integrated audits. We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free of material misstatement and whether effective internal control over financial reporting was maintained in all material respects. Our audits of the financial statements included examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. Our audit of internal control over financial reporting included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, and testing and evaluating the design and operating effectiveness of internal control based on the assessed risk. Our audits also included performing such other procedures as we considered necessary in the circumstances. We believe that our audits provide a reasonable basis for our opinions.

As discussed in Note 12 to the consolidated financial statements, the Company changed the manner in which it accounts for variable interest entities as of January 1, 2010. Also as discussed in Note 10 to the consolidated financial statements, the Company changed the manner in which it estimates the quantities of oil and gas reserves in 2009 and the limitation on its capitalized costs as of December 31, 2009.

A company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal control over financial reporting includes those policies and procedures that (i) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (ii) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (iii) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

/s/ PricewaterhouseCoopers LLP PricewaterhouseCoopers LLP Tulsa, Oklahoma

March 1, 2011

# CONSOLIDATED BALANCE SHEETS

|   | Decem                                  | ber 31,                              |
|---|--|--------------------------------------|
|   | 2010                                   | 2009                                 |
|   | (\$ in mi                              | llions)                              |
| CURRENT ASSETS:         Cash and cash equivalents         Accounts receivable         Short-term derivative instruments         Deferred income tax asset         Other current assets  | \$ 102<br>1,974<br>947<br>139<br>104   | \$ 307<br>1,325<br>692<br>24<br>98   |
| Total Current Assets  | 3,266                                  | 2,446                                |
| PROPERTY AND EQUIPMENT:         Natural gas and oil properties, at cost based on full-cost accounting:         Evaluated natural gas and oil properties         Unevaluated properties         Natural gas gathering systems and treating plants         Other property and equipment | 38,952<br>14,469<br>1,545<br>3,726     | 35,007<br>10,005<br>3,516<br>3,235   |
| Total Property and Equipment, at Cost   | 58,692                                 | 51,763                               |
| Less: accumulated depreciation, depletion and amortization  | (26,314)                               | (25,053)                             |
| Total Property and Equipment, Net   | 32,378                                 | 26,710                               |
| OTHER ASSETS:<br>Investments<br>Long-term derivative instruments<br>Other long-term assets  | 1,208<br>                              | 404<br>60<br>294                     |
| Total Other Assets  | 1,535                                  | 758                                  |
| TOTAL ASSETS  | \$ 37,179                              | \$ 29,914                            |
| CURRENT LIABILITIES:  |  |                                      |
| CURRENT LIABLITIES:         Accounts payable         Short-term derivative instruments         Accrued interest         Other current liabilities   | \$ 2,069<br>15<br>191<br>2,215         | \$957<br>27<br>218<br>1,486          |
| Total Current Liabilities   | 4,490                                  | 2,688                                |
| LONG-TERM LIABILITIES:<br>Long-term debt, net<br>Deferred income tax liabilities<br>Long-term derivative instruments<br>Asset retirement obligations<br>Other long-term liabilities   | 12,640<br>2,384<br>1,693<br>301<br>407 | 12,295<br>1,059<br>787<br>282<br>462 |
| Total Long-Term Liabilities   | 17,425                                 | 14,885                               |
| CONTINGENCIES AND COMMITMENTS (Note 4)<br>EQUITY:<br>Chesapeake Stockholders' Equity:   |  |                                      |
| Preferred Stock, \$0.01 par value, 20,000,000 shares authorized:<br>7,254,515 and 4,659,515 shares issued and outstanding<br>Common stock, \$0.01 par value, 1,000,000,000 shares authorized, 655,251,275   | 3,065                                  | 466                                  |
| and 648,549,165 shares issued<br>Paid-in capital<br>Retained earnings (deficit)<br>Accumulated other comprehensive income (loss), net of tax of \$102 million and   | 7<br>12,194<br>190                     | 6<br>12,146<br>(1,261)               |
| (\$62) million, respectively<br>Less: treasury stock, at cost; 1,221,299 and 877,205 common shares as of<br>December 31, 2010 and 2009, respectively  | (168)<br>(24)                          |                                      |
| Total Chesapeake Stockholders' Equity         Noncontrolling interest   | 15,264                                 | 11,444<br>897                        |
| Total Equity  | 15,264                                 | 12,341                               |
| TOTAL LIABILITIES AND EQUITY  | \$ 37,179                              | \$ 29,914                            |

# CONSOLIDATED STATEMENTS OF OPERATIONS

|  | Years Ended December 31 |              |             |  |
|--|-------------------------|--------------|-------------|--|
|  | 2010                    | 2009         | 2008        |  |
|  | (\$ in millions         | , except per | share data) |  |
| REVENUES:  |                         |              |             |  |
| Natural gas and oil sales                                    | \$ 5,647                | \$ 5,049     | \$ 7,858    |  |
| Marketing, gathering and compression sales                   | 3,479                   | 2,463        | 3,598       |  |
| Service operations revenue                                   | 240                     | 190          | 173         |  |
| Total Revenues   | 9,366                   | 7,702        | 11,629      |  |
| OPERATING COSTS:   |                         |              |             |  |
| Production expenses  | 893                     | 876          | 889         |  |
| Production taxes   | 157                     | 107          | 284         |  |
| General and administrative expenses                          | 453                     | 349          | 377         |  |
| Marketing, gathering and compression expenses                | 3,352                   | 2,316        | 3,505       |  |
| Service operations expense                                   | 208                     | 182          | 143         |  |
| Natural gas and oil depreciation, depletion and amortization | 1,394                   | 1,371        | 1,970       |  |
| Depreciation and amortization of other assets                | 220                     | 244          | 174         |  |
| Impairment of natural gas and oil properties                 |                         | 11,000       | 2,800       |  |
| (Gains) losses on sales of other property and equipment      | (137)                   | 38           |             |  |
| Other impairments  | 21                      | 130          | 30          |  |
| Restructuring costs  |                         | 34           |             |  |
| Total Operating Costs  | 6,561                   | 16,647       | 10,172      |  |
| INCOME (LOSS) FROM OPERATIONS                                | 2,805                   | (8,945)      | 1,457       |  |
| OTHER INCOME (EXPENSE):                                      |                         |              |             |  |
| Interest expense   | (19)                    | (113)        | (271)       |  |
| Earnings (losses) from equity investees                      | 227                     | (39)         | (38)        |  |
| Losses on redemptions or exchanges of debt                   | (129)                   | (40)         | (4)         |  |
| Impairment of investments                                    | (16)                    | (162)        | (180)       |  |
| Other income   | 16                      | 11           | 27          |  |
| Total Other Income (Expense)                                 | 79                      | (343)        | (466)       |  |
| INCOME (LOSS) BEFORE INCOME TAXES                            | 2,884                   | (9,288)      | 991         |  |
| INCOME TAX EXPENSE (BENEFIT):                                |                         |              |             |  |
| Current income taxes   |                         | 4            | 423         |  |
| Deferred income taxes  | 1,110                   | (3,487)      | (36)        |  |
|  |                         | ·            | ·           |  |
| Total Income Tax Expense (Benefit)                           |                         | (3,483)      | 387         |  |
|  | 1,774                   | (5,805)      | 604         |  |
| Net (income) attributable to noncontrolling interest         |                         | (25)         |             |  |
| NET INCOME (LOSS) ATTRIBUTABLE TO CHESAPEAKE                 | 1,774                   | (5,830)      | 604         |  |
| Preferred stock dividends                                    |                         | (23)         | (33)        |  |
| Loss on conversion/exchange of preferred stock               |                         |              | (67)        |  |
| NET INCOME (LOSS) AVAILABLE TO COMMON                        |                         |              | /           |  |
| STOCKHOLDERS   | \$ 1,663                | \$ (5,853)   | \$ 504      |  |
|  | Ψ 1,000                 | <u> </u>     | φ <u> </u>  |  |
| EARNINGS (LOSS) PER COMMON SHARE:                            |                         |              |             |  |
| Basic  | +                       | \$ (9.57)    |             |  |
| Diluted  | \$ 2.51                 | \$ (9.57)    | \$ 0.93     |  |
| CASH DIVIDEND DECLARED PER COMMON SHARE                      | \$ 0.30                 | \$ 0.30      | \$ 0.2925   |  |
| WEIGHTED AVERAGE COMMON AND COMMON EQUIVALENT                |                         |              |             |  |
| SHARES OUTSTANDING (in millions):                            |                         |              |             |  |
| Basic  | 631                     | 612          | 536         |  |
| Diluted  | 706                     | 612          | 545         |  |
|  |                         | 0.1          | 2.2         |  |

 $\frac{1}{2} \left( \frac{1}{2} - \frac{1}{2} \right)$ 

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# CONSOLIDATED STATEMENTS OF CASH FLOWS

| 2010         2009         2008           CASH FLOWS FROM OPERATING ACTIVITIES:         S         1,774 \$ (5,805)\$         604           ADJUSTMENTS TO RECONCILE NET INCOME TO CASH PROVIDED BY         OPERATING ACTIVITIES:         592         497         (712)           Depreciation, depletion and amortization         1,614         1,615         2,144         Deferred income tax expense (benefit)         1,114         1,315         2,144           Deferred income tax expense (benefit)         1,114         1,32         38         552         497         (712)           Realized (gains) losses on derivatives         (621)         1164         1,614         1,615         2,144           Deferred income tax expense (benefit)         1,114         133         38         54         602           Casins) losses on financing derivatives         (621)         1164         1,33         47         79         79           Restructuring costs         78         79         710         28         -         1(107)         38         -         1130         30           Unpairment of investiments         10         11         130         30         01         130         30           Other impairments         12         13         33  |   | Years End       | ed Decem    | ber 31,  |
|--|---|-----------------|-------------|----------|
| CASH FLOWS FROM OPERATING ACTIVITIES:         \$ 1.774 \$ (5.805) \$ 604           NET INCOME (LOSS)         1.614         1.615         2.144           Depreciation, depletion and amortization         1.614         1.615         2.144           Depreciation, depletion and amortization         1.614         1.615         2.144           Deterred income tax expense (benefit)         1.110         (3.467)         (36)           Unrealized (gains) losses on derivatives         592         497         (712)           Realized (gains) losses on derivatives         592         497         (712)           Readized (gains) losses on derivatives         621)         (154)         38           Stock-bassed compensation         147         140         132           Accretion of discount on contingent convertible notes         78         79         79           Restructuring costs         -11.000         2.800         1107)         38         -           Losses on redemptions or exchanges of debt         29         40         4         16         162         180           Other impairment of investments         -11         1.000         2.800         1100         2.800           Impairment of investments         21         133         54         80   |   | 2010            | 2009        | 2008     |
| NET INCOME (LOSS)         \$ 1.774 \$ (5.805) \$         604           ADJUSTMENTS TO RECONCILE NET INCOME TO CASH PROVIDED BY<br>OPERATING ACTIVITES:         1.614         1.615         2.144           Depreciation, depletion and amortization         1.614         1.615         2.144           Deferred income tax expense (benefit)         1.110         (3.487)         (36)           Unrealized (gains) losses on drivatives         592         497         (712)           Realized (gains) losses on sentimization         147         140         132           Accretion of discount on contingent convertible notes         78         79           Restructuring costs         78         79           (Gains) losses on seles of other property and equipment         (137)         38           Losses on redemptions or exchanges of debt         29         40         4           Impairment of nutral gas and oil properties         -11,000         2,800           Other impairments         21         130         30           Other inpairments         5,117         4,356         5,357           CAsh provided by operating activities         5,117         4,356         5,357           CAsh provided by operating activities         5,117         4,356         5,357           CAsh pr  |   | (\$ ir          | n millions) |          |
| AD_UIGSTMENTS TO ÉRECONCILE NET INCOME TO CASH PROVIDED BY           OPERATING ACTIVITES:           Depreciation, depletion and amortization         1.614         1.615         2.144           Deterred income tax expense (benefit)         1.110         (3,487)         (36)           Unrealized (gains) losses on derivatives         592         497         (712)           Realized (gains) losses on derivatives         621         (154)         38           Stock-based compensation         147         140         132           Accretion of discount on configent convertible notes         78         79         79           Restructuring costs         —         12         —         (Gains) losses on redemptions or exchanges of debt         29         40           Impairment of navestments         .         16         162         180           Other         .         .         .         11,000         2.800           Imparament of investments         .         16         162         180           Other         .         .         .         .         .           (Gains) losses on redemptions or exchanges of debt         .         .         .         .         .         .         .         .         .         <  | CASH FLOWS FROM OPERATING ACTIVITIES:                         | <u>ኮ 1771</u> ድ | (E 00E) ¢   | 604      |
| OPERATING ACTIVITIES:         1.614         1.615         2.144           Depreciation, depletion and amorization         1.614         1.615         2.144           Deferred income tax expense (benefit)         1.110         (3.487)         (36)           Unrealized (gains) losses on financing derivatives         (621)         (154)         33           Stock-based compensation         147         140         132           Accretion of discount contingent convertible notes         78         79         79           Restructuring costs         —         12         —         12         —           (Gains) losses on acquity investments         (107)         33         38         —         1(000)         2.800           Umpairment of investments         16         162         180         Other impairment of investments         21         130         30           Other impairment of investments         21         130         30         Other impairments         51.17         4.356         5.357           Cash provided by operating activities         5.117         4.356         5.357         CASH provided by operating activities         51.17         4.356         5.357           CASH provided by operating activities         5.117         4.356  | AD JUSTMENTS TO RECONCILE NET INCOME TO CASH PROVIDED BY      | ρ I,//4 φ       | (0,000) \$  | 004      |
| Depreciation, depletion and amortization         1,614         1,615         2,144           Deferred income tax expense (benefit)         1,110         (3,487)         (36)           Unrealized (gains) losses on derivatives         592         497         (712)           Realized (gains) losses on derivatives         592         497         (712)           Realized (gains) losses on derivatives         592         497         (712)           Restructuring costs         78         79         79           Restructuring costs         -         12         -           (Gains) losses on sales of other property and equipment         (137)         38         -           (Gains) losses on sales of other property and equipment         (107)         39         38           Losses on redemptions or exchanges of debt         29         40         4           Impairment of natural gas and oil properties         -         11,000         2,800           Other impairments         .         12         130         30           Other impairments         .         32         27         (2)           (Increase (decrease) in accounts payable, accrued liabilities and other         1,338         54         80           Cash provided by operating activities   |   |                 |             |          |
| Unrealized (gains) losses on financing derivatives         592         497         (712)           Realized (gains) losses on financing derivatives         (621)         (154)         38           Stock-based compensation         147         140         132           Accretion of discount on conlingent convertible notes         78         79         79           Restructuring costs         -         12         -           (Gains) losses on sales of other property and equipment         (137)         38         -           (Gains) losses on sales of other property and equipment         (137)         38         -           (Gains) losses on equiptions or exchanges of debt         29         40         4           Impairment of investments         11000         2.8000         Impairment of investments         16         162         180           Other impairments         21         130         30         0         11.7         33         54         80           Cash provided by operating activities         5,117         4,356         5,357         CASH FLOWS FROM INVESTING ACTIVITIES:         5,117         4,356         5,357           CAsh provided by operating activities         (6,945)         (2,268)         (8,593)         3,40(itons to investiments         (134) <td></td> <td>1,614</td> <td>1,615</td> <td>2,144</td>          |   | 1,614           | 1,615       | 2,144    |
| Realized (gains) bases on financing derivatives         (621)         (154)         38           Stock-based compensation         147         140         132           Accretion of discount on contingent convertible notes         78         79         79           Restructuring costs   |   |                 |             |          |
| Stock-based compensation         147         140         132           Accretion of discount on contingent convertible notes         78         79         79           Restructuring costs  | Unrealized (gains) losses on derivatives                      |                 |             |          |
| Accretion of discount on contingent convertible notes         78         79         79           Restructuring costs         -         12         -           (Gains) losses on sales of other property and equipment         (137)         38         -           (Gains) losses on redemptions or exchanges of debt         29         40         4           Impairment of natural gas and oil properties         -         11,000         2,800           Other impairment of investments         21         130         30           Other impairment of natural gas and oil properties         -         1,338         54         60           Cash provided by operating activities         -         5,117         4,356         5,357           CASH FLOWS FROM INVESTING ACTIVITIES:         -         5,242         (3,672)         (6,645)         (2,268)         (8,593)           Additions to other property and equipment         (1,432)         (1,420)         (1,43)         (40)         (74)           Proceeds from alses of other assets         (8,3176)         219         Additions to investiments         (131)         (11)         (10)           Cash provided by operating activities         (5,242)         (3,673)         (3,673)         Proceeds from salaes of other assets         (8,503)         (5   | Realized (gains) losses on financing derivatives              | · /             | • •         |          |
| Restructuring costs         —         12         —           (Gains) losses on sales of other property and equipment.         (137)         38         —           (Gains) losses on redemptions or exchanges of debt  |   |                 |             |          |
| (Gains) losses on sales of other property and equipment.       (137)       38         (Gains) losses on redemptions or exchanges of debt       (107)       39       38         Losses on redemptions or exchanges of debt       (107)       39       38         Losses on redemptions or exchanges of debt       (107)       39       38         Losses on redemptions or exchanges of debt       (107)       39       38         Losses on redemptions or exchanges of debt       (117)       39       38         Losses on redemptions or exchanges of debt       (117)       39       38         Losses on redemptions or exchanges of debt       (117)       39       38         Other impairment of investments       (117)       (110)       (110)       (110)       30         Other impairments       (110)       (110)       (21)       (110)       (22)       (110)       (22)         Increase (decrease) in accounts receivable and other assets       (769)       (31)       (22)         Increase (decrease) in accounts receivable and other assets       (5,117)       (4,356)       (5,357)         CASH ELOWS FROM INVESTING ACTIVITIES:       Exploration and development of natural gas and oil proverties       (4,22)       (1,262)       (1,683)       (3,073)         Proceeds from isu  |   |                 |             | 79       |
| (Gains) tosses on equity investments       (107)       39       38         Losses on redemptions or exchanges of debt       29       40       4         Impairment of investments       16       162       180         Other impairments       16       162       180         Other impairments       32       27       (2)         (Increase) decrease in accounts receivable and other assets       (769)       (31)       (22)         Increase (decrease) in accounts payable, accrued liabilities and other       1,338       54       80         Cash provided by operating activities       5,117       4,356       5,357         CASH FLOWS FROM INVESTING ACTIVITIES:       5,242       (3,572)       (6,104)         Acquisitions of natural gas and oil proved properties       (6,945)       (2,268)       (8,593)         Additions to other property and equipment       (1,326)       (1,683)       (3,073)         Proceeds from divestitures of proved and unproved properties       4,292       1,926       7,670         Proceeds from sales of other assets       883       176       219       4(40)       (74)         Other       (31)       (1)       (10)       (13,03)       (9,768)       (11,307)         Proceeds from insuance of senion notes   |   |                 |             |          |
| Losses on redemptions or exchanges of debt         29         40         4           Impairment of investments   |   |                 |             | 38       |
| Impairment of natural gas and oil properties         —         11,000         2,800           Impairment of investments         16         162         180           Other impairments         32         27         (2)           (Increase) decrease in accounts receivable and other assets         (769)         (31)         (22)           Increase (decrease) in accounts payable, accrued liabilities and other         1,338         54         80           Cash provided by operating activities         5,117         4,356         5,357           CASH FLOWS FROM INVESTING ACTIVITIES:         Exploration and development of natural gas and oil proved and unproved properties         (6,945)         (2,268)         (8,593)           Additions to other property and equipment         (1,326)         (1,683)         (3,073)         Proceeds from divestitures of proved and unproved properties         4,292         (3,662)         (9,965)           CASH FLOWS FROM FINANCING ACTIVITIES:         (31)         (1) <td></td> <td></td> <td></td> <td>-</td> |   |                 |             | -        |
| Impairment of investments         16         162         180           Other impairments         21         130         30           Other         32         27         (2)           (Increase) decrease in accounts receivable and other assets         (769)         (31)         (22)           Increase (decrease) in accounts receivable and other assets         (769)         (31)         (22)           Increase (decrease) in accounts receivable and other assets         (769)         (31)         (22)           Increase (decrease) in accounts receivable and other assets         (769)         (31)         (22)           Increase (decrease) in accounts receivable and other assets         (5,242)         (3,572)         (6,104)           Acquisitions of natural gas and oil proved and unproved properties         (6,945)         (2,268)         (8,593)           Additions to other property and equipment         (1,326)         (1,683)         (3,073)           Proceeds from alses of other assets         883         176         219           Additions to investments         (134)         (40)         (74)           Other         (31)         (1)         (10)         (33)         (9,758)         (11,329)           Payments on credit facilitites borrowings         (15,117) <td< td=""><td></td><td></td><td></td><td>2,800</td></td<>         |   |                 |             | 2,800    |
| Other         32         27         (2)           (Increase) decrease in accounts receivable and other assets         (769)         (31)         (22)           Increase (decrease) in accounts payable, accrued liabilities and other         1,338         54         80           Cash provided by operating activities         5,117         4,356         5,357           CASH FLOWS FROM INVESTING ACTIVITIES:         (5,242)         (3,572)         (6,104)           Acquisitions of natural gas and oil proved and unproved properties         (6,945)         (2,268)         (8,593)           Additions to other property and equipment         (1,326)         (1,683)         (3,073)           Proceeds from divestitures of proved and unproved properties         4,292         1,926         7,670           Proceeds from divestitures of proved and unproved properties         (13,41)         (400)         (74)           Other         (31)         (1)         (10)         (31)         (11)         (10)           Cash used in investing activities         (8,503)         (5,422)         (9,965)         (34,42)         (13,303)         (9,758)         (11,307)         (11,307)         (11,307)         (11,307)         (13,42)         (13,42)         (13,42)         (13,42)         (13,434)         (312)      <   |   | 16              | 162         | 180      |
| (Increase) decrease in accounts receivable and other assets(769)(31)(22)Increase (decrease) in accounts payable, accrued liabilities and other1,3385480Cash provided by operating activities5,1174,3565,357CASH FLOWS FROM INVESTING ACTIVITIES:5,1174,3565,357Exploration and development of natural gas and oil properties(5,242)(3,572)(6,104)Acquisitions of other property and equipment(1,326)(1,683)(3,073)Proceeds from divestitures of proved and unproved properties4,2921,9267,670Proceeds from divestitures of proved and unproved properties883176219Additions to investments(134)(40)(74)Other(31)(11)(10)Cash used in investing activities(8,503)(5,462)(9,965)CASH FLOWS FROM FINANCING ACTIVITIES:15,1177,76113,291Proceeds from redit facilities borrowings(13,303)(9,758)(11,307)Proceeds from issuance of senior notes, net of offering costs2,562Proceeds from issuance of preferred stock, net of offering costs2,562Proceeds from issuance of common stock, net of offering costs(143)(140)(148)Cash paid to redeem deb1(3,434)-(312)Cash paid for preferred stock dividends(148)(148)(148)Cash paid for preferred stock dividends(149)(141)(148)Cash paid for preferred stock dividends(210  | Other impairments   |                 |             |          |
| Increase (decrease) in accounts payable, accrued liabilities and other1,3385480Cash provided by operating activities5,1174,3565,357CASH FLOWS FROM INVESTING ACTIVITIES:5,1174,3565,357Exploration and development of natural gas and oil properties(5,242)(3,572)(6,104)Acquisitions of natural gas and oil proved and unproved properties(6,945)(2,268)(8,593)Additions to other property and equipment(1,326)(1,683)(3,073)Proceeds from divestitures of proved and unproved properties4,2921,9267,670Proceeds from sales of other assets(134)(40)(74)Additions to investments(134)(40)(74)Other(31)(1)(10)Cash used in investing activities(8,503)(5,462)(9,965)CASH FLOWS FROM FINANCING ACTIVITIES:19671,346(13,303)(9,758)Proceeds from credit facilities borrowings15,1177,76113,291Payments on credit facilities borrowings15,1177,76113,291Proceeds from issuance of senior notes, net of offering costs2,562Proceeds from issuance of senior notes, net of offering costs2,562Proceeds from issuance of senior notes, net of offering costs(148)(148)(148)Cash paid for ormono stock dividends(189)(181)(148)Cash paid for preferred stock dividends(21)Cash paid for preferred sto   |   |                 |             |          |
| Cash provided by operating activities5,1174,3565,357CASH FLOWS FROM INVESTING ACTIVITIES:<br>Exploration and development of natural gas and oil properties(5,242)(3,572)(6,104)Acquisitions of natural gas and oil proved and unproved properties(6,945)(2,268)(8,593)Additions to other property and equipment(1,326)(1,683)(3,073)Proceeds from divestitures of proved and unproved properties4,2921,9267,670Proceeds from sales of other assets883176219Additions to investments(134)(40)(74)Other(31)(1)(10)Cash used in investing activities(8,503)(5,462)(9,965)CASH FLOWS FROM FINANCING ACTIVITIES:<br>Proceeds from issuance of senior notes, net of offering costs1,9671,3462,136Proceeds from issuance of common stock, net of offering costs2,662Proceeds from issuance of common stock, net of offering costs2,662Proceeds from issuance of common stock, net of offering costs2,662Proceeds from issuance of common stock, net of offering costs2,662Proceeds from issuance of common stock, net of offering costs2,662Cash paid to redered debt(3,434)-(312)(148)(148)Cash paid for prefered stock dividends(192)(23)(35)Proceeds from issuance of common stock dividends5,88 <td< td=""><td></td><td></td><td></td><td></td></td<>   |   |                 |             |          |
| CASH FLOWS FROM INVESTING ACTIVITIES:Exploration and development of natural gas and oil properties(5,242)(3,572)(6,104)Acquisitions to other property and equipment(1,326)(1,683)(3,073)Proceeds from divestitures of proved and unproved properties4,2921,9267,670Proceeds from sales of other assets883176219Additions to investments(134)(40)(74)Other(31)(1)(10)Cash used in investing activities(8,503)(5,462)(9,965)CASH FLOWS FROM FINANCING ACTIVITIES:(8,503)(5,462)(9,965)Proceeds from credit facilities borrowings15,1177,76113,291Payments on credit facilities borrowings15,1177,76113,291Proceeds from issuance of senior notes, net of offering costs1,9671,3462,136Proceeds from issuance of preferred stock, net of offering costs2,592Cash paid to redeem debt(3)(3)(9,758)(11,307)Cash paid for common stock dividends(92)(23)(35)Proceeds from sale of noncontrolling interest in midstream joint venture-588-Proceeds from sale/leaseback of real estate surface assets-145-Proceeds from sale/leaseback of real estate surface assets-145-Proceeds from sale/leaseback of real estate surface assets-145-Proceeds from sale/leaseback of real estate surface assets-145-<   |   |                 |             |          |
| Exploration and development of natural gas and oil properties(5,242)(3,572)(6,104)Acquisitions of natural gas and oil proved and unproved properties(6,945)(2,268)(8,593)Additions to other property and equipment(1,326)(1,683)(3,073)Proceeds from divestitures of proved and unproved properties4,2921,9267,670Proceeds from sales of other assets883176219Additions to investments(134)(40)(74)Other(31)(1)(10)Cash used in investing activities(8,503)(5,462)(9,965)CASH FLOWS FROM FINANCING ACTIVITIES:(8,503)(5,462)(9,965)Proceeds from credit facilities borrowings15,1177,76113,291Payments on credit facilities borrowings15,1177,76113,291Proceeds from issuance of senior notes, net of offering costs2,562——Proceeds from issuance of common stock, net of offering costs2,562——Proceeds from issuance of common stock, net of offering costs2,662——Proceeds from issuance of common stock, net of offering costs2,662——Proceeds from sale of noncontrolling interest in midstream joint venture-588—Cash paid for preferred stock dividends(148)(148)(148)(148)Cash paid for preferred stock dividends(92)(23)(35)Proceeds from sale of noncontrolling interest in midstream joint venture-588- <td< td=""><td>Cash provided by operating activities</td><td>5,117</td><td>4,356</td><td>5,357</td></td<>  | Cash provided by operating activities                         | 5,117           | 4,356       | 5,357    |
| Acquisitions of natural gas and oil proved and unproved properties(6,945)(2,268)(8,593)Additions to other property and equipment(1,326)(1,683)(3,073)Proceeds from sales of other assets883176219Additions to investments(134)(40)(74)Other(31)(1)(10)Cash used in investing activities(8,503)(5,462)(9,965)CASH FLOWS FROM FINANCING ACTIVITIES:Proceeds from issuance of senior notes, net of offering costs15,1177,76113,291Payments on credit facilities borrowings15,1177,76113,291Proceeds from issuance of senior notes, net of offering costs2,562—Proceeds from issuance of preferred stock, net of offering costs2,562—Proceeds from issuance of preferred stock, net of offering costs(148)(148)(148)Cash paid for celeem debt(3434)(312)(3434)(312)Cash paid for preferred stock dividends(189)(181)(148)Cash paid for preferred stock dividends(92)(23)(35)Proceeds from asle/leaseback of real estate surface assets—145—Proceeds from mortgage of building—54——Proceeds from sale/leaseback of real estate surface assets…(142)(30)Cash paid for preferred stock dividends…(20)(23)(35)Proceeds from sale/leaseback of real estate surface assets…145—Proceeds fr   |   |                 |             |          |
| Additions to other property and equipment(1,326)(1,683)(3,073)Proceeds from divestitures of proved and unproved properties4,2921,9267,670Proceeds from sales of other assets883176219Additions to investments(134)(40)(74)Other(31)(1)(10)Cash used in investing activities(8,503)(5,462)(9,965)CASH FLOWS FROM FINANCING ACTIVITIES:(8,503)(5,462)(9,965)Proceeds from credit facilities borrowings15,1177,76113,291Payments on credit facilities borrowings15,1177,76113,291Proceeds from issuance of senior notes, net of offering costs1,9671,3462,136Proceeds from issuance of common stock, net of offering costs2,562——Proceeds from issuance of common stock, net of offering costs(3,434)(312)(312)Cash paid to redeem debt(3,434)(32)(32)(35)Proceeds from sale of noncontrolling interest in midstream joint venture—588—Realized gains on financing derivatives621109(167)Proceeds from sale/leaseback of real estate surface assets—145—Net increase (decrease) in outstanding payments in excess of cash balance20(249)330Cash provided by (used in) financing activities3,181(336)6,356Net increase (decrease) in cash and cash equivalents(205)(1,442)1,748Cash and cash equivalents, beginnin   | Exploration and development of natural gas and oil properties |                 |             |          |
| Proceeds from divestitures of proved and unproved properties4,2921,9267,670Proceeds from sales of other assets883176219Additions to investments(134)(40)(74)Other(31)(1)(10)Cash used in investing activities(8,503)(5,462)(9,965)CASH FLOWS FROM FINANCING ACTIVITIES:15,1177,76113,291Proceeds from credit facilities borrowings15,1177,76113,291Payments on credit facilities borrowings1,9671,3462,136Proceeds from issuance of senior notes, net of offering costs2,562——Proceeds from issuance of common stock, net of offering costs2,562——Proceeds from issuance of common stock, net of offering costsCash paid for common stock dividends(189)(181)(148)Cash paid for preferred stock dividendsRealized gains on financing derivatives621109(167)Proceeds from motgage of buildingProceeds from sale/leaseback of real estate surface assetsRealized (decrease) in outstanding payments in excess of cash balanceCash provided by (used in) financing activities </td <td></td> <td></td> <td></td> <td></td>  |   |                 |             |          |
| Proceeds from sales of other assets883176219Additions to investments(134)(40)(74)Other(31)(1)(10)Cash used in investing activities(8,503)(5,462)(9,965)CASH FLOWS FROM FINANCING ACTIVITIES:(8,503)(5,462)(9,965)Proceeds from credit facilities borrowings15,1177,76113,291Payments on credit facilities borrowings(13,303)(9,758)(11,307)Proceeds from issuance of senior notes, net of offering costs2,562Proceeds from issuance of preferred stock, net of offering costs2,562Proceeds from issuance of common stock, net of offering costs(3,434)-(312)Cash paid for preferred stock dividends(148)(148)(148)Cash paid for preferred stock dividends(92)(23)(35)Proceeds from sale of noncontrolling interest in midstream joint venture-588-Realized gains on financing derivatives-145-Proceeds from sale/leaseback of real estate surface assets-145-Net increase (decrease) in outstanding payments in excess of cash balance20(249)330Other(88)(128)(30)(307)1,7491  |   |                 | • • •       |          |
| Additions to investments(134)(40)(74)Other(31)(1)(10)Cash used in investing activities(8,503)(5,462)(9,965)CASH FLOWS FROM FINANCING ACTIVITIES:Proceeds from credit facilities borrowings15,1177,76113,291Payments on credit facilities borrowings(13,303)(9,758)(11,307)Proceeds from issuance of senior notes, net of offering costs1,9671,3462,136Proceeds from issuance of preferred stock, net of offering costs2,562——Proceeds from issuance of common stock, net of offering costs(3,434)—(312)Cash paid for preferred stock dividends(189)(181)(148)Cash paid for preferred stock dividends(92)(23)(35)Proceeds from mortgage of building—588—Realized gains on financing derivatives621109(167)Proceeds from mortgage of building—54—Proceeds from sale/leaseback of real estate surface assets—145—Realized gains on financing derivatives20(249)330Other(88)(128)(30)(30)Cash provided by (used in) financing activities3,181(336)6,356Net increase (decrease) in cash and cash equivalents(205)(1,442)1,748Cash and cash equivalents, beginning of period3071,7491  |   |                 | •           |          |
| Other(31)(1)(10)Cash used in investing activities(8,503)(5,462)(9,965)CASH FLOWS FROM FINANCING ACTIVITIES:7,76113,291Payments on credit facilities borrowings(13,303)(9,758)(11,307)Proceeds from issuance of senior notes, net of offering costs1,9671,3462,136Proceeds from issuance of preferred stock, net of offering costs2,562——Proceeds from issuance of common stock, net of offering costs2,562——Proceeds from issuance of common stock, net of offering costs(189)(181)(148)Cash paid for common stock dividends(189)(181)(148)Cash paid for preferred stock dividends(92)(23)(35)Proceeds from sale of noncontrolling interest in midstream joint venture—588—Realized gains on financing derivatives621109(167)Proceeds from sale/leaseback of real estate surface assets—145—Net increase (decrease) in outstanding payments in excess of cash balance20(249)330Other(88)(128)(30)(307)(35)Cash provided by (used in) financing activities3,181(336)6,356Net increase (decrease) in cash and cash equivalents(205)(1,442)1,748Cash and cash equivalents, beginning of period3071,7491   |   |                 |             |          |
| Cash used in investing activities(8,503)(5,462)(9,965)CASH FLOWS FROM FINANCING ACTIVITIES:776113,291Payments on credit facilities borrowings15,1177,76113,291Payments on credit facilities borrowings(13,303)(9,758)(11,307)Proceeds from issuance of senior notes, net of offering costs1,9671,3462,136Proceeds from issuance of preferred stock, net of offering costs2,562——Proceeds from issuance of common stock, net of offering costs(3,434)—(312)Cash paid for common stock dividends(189)(181)(148)Cash paid for preferred stock dividends(92)(23)(35)Proceeds from sale of noncontrolling interest in midstream joint venture—588—Realized gains on financing derivatives621109(167)Proceeds from sale/leaseback of real estate surface assets—145—Net increase (decrease) in outstanding payments in excess of cash balance20(249)330Other(88)(128)(30)(307)1,7491   |   | · · · · · ·     |             |          |
| CASH FLOWS FROM FINANCING ACTIVITIES:Proceeds from credit facilities borrowings15,1177,76113,291Payments on credit facilities borrowings(13,303)(9,758)(11,307)Proceeds from issuance of senior notes, net of offering costs1,9671,3462,136Proceeds from issuance of preferred stock, net of offering costs2,562——Proceeds from issuance of common stock, net of offering costs  |   |                 |             |          |
| Proceeds from credit facilities borrowings15,1177,76113,291Payments on credit facilities borrowings(13,303)(9,758)(11,307)Proceeds from issuance of senior notes, net of offering costs1,9671,3462,136Proceeds from issuance of preferred stock, net of offering costs2,562——Proceeds from issuance of common stock, net of offering costs(3,434)—(312)Cash paid to redeem debt(3,434)—(312)Cash paid for common stock dividends(189)(181)(148)Cash paid for preferred stock dividends(92)(23)(35)Proceeds from sale of noncontrolling interest in midstream joint venture—588—Realized gains on financing derivatives621109(167)Proceeds from sale/leaseback of real estate surface assets—1445—Net increase (decrease) in outstanding payments in excess of cash balance20(249)330Other(3181(336)6,356Net increase (decrease) in cash and cash equivalents(205)(1,442)1,748Cash and cash equivalents, beginning of period3071,7491   |   | (8,503)         | (0,462)     | (9,905)  |
| Payments on credit facilities borrowings(13,303)(9,758)(11,307)Proceeds from issuance of senior notes, net of offering costs1,9671,3462,136Proceeds from issuance of preferred stock, net of offering costs2,562——Proceeds from issuance of common stock, net of offering costs(3,434)—(312)Cash paid to redeem debt(14.89)(181)(148)Cash paid for common stock dividends(189)(181)(148)Cash paid for preferred stock dividends(92)(23)(35)Proceeds from sale of noncontrolling interest in midstream joint venture—588—Realized gains on financing derivatives621109(167)Proceeds from sale/leaseback of real estate surface assets—145—Net increase (decrease) in outstanding payments in excess of cash balance20(249)330Other(38)(128)(30)(36)6,356Net increase (decrease) in cash and cash equivalents(205)(1,442)1,748Cash and cash equivalents, beginning of period3071,7491  | CASH FLOWS FROM FINANCING ACTIVITIES:                         | 45 447          | 7 704       | 40.004   |
| Proceeds from issuance of senior notes, net of offering costs1,9671,3462,136Proceeds from issuance of preferred stock, net of offering costs2,562——Proceeds from issuance of common stock, net of offering costs   | Proceeds from credit facilities borrowings                    |                 |             |          |
| Proceeds from issuance of preferred stock, net of offering costs2,562——Proceeds from issuance of common stock, net of offering costs——2,598Cash paid to redeem debt(3,434)—(312)Cash paid for common stock dividends(189)(181)(148)Cash paid for preferred stock dividends(92)(23)(35)Proceeds from sale of noncontrolling interest in midstream joint venture—588—Realized gains on financing derivatives621109(167)Proceeds from mortgage of building—54—Proceeds from sale/leaseback of real estate surface assets—145—Net increase (decrease) in outstanding payments in excess of cash balance20(249)330Other(88)(128)(30)Cash provided by (used in) financing activities3,181(336)6,356Net increase (decrease) in cash and cash equivalents(205)(1,442)1,748Cash and cash equivalents, beginning of period3071,7491  |   |                 |             |          |
| Proceeds from issuance of common stock, net of offering costs——2,598Cash paid to redeem debt(3,434)—(312)Cash paid for common stock dividends(189)(181)(148)Cash paid for preferred stock dividends(92)(23)(35)Proceeds from sale of noncontrolling interest in midstream joint venture—588—Realized gains on financing derivatives621109(167)Proceeds from mortgage of building—54—Proceeds from sale/leaseback of real estate surface assets—145—Net increase (decrease) in outstanding payments in excess of cash balance20(249)330Other(88)(128)(30)Cash provided by (used in) financing activities3,181(336)6,356Net increase (decrease) in cash and cash equivalents(205)(1,442)1,748Cash and cash equivalents, beginning of period3071,7491   |   |                 | 1,040       | 2,100    |
| Cash paid to redeem debt(3,434)—(312)Cash paid for common stock dividends(189)(181)(148)Cash paid for preferred stock dividends(92)(23)(35)Proceeds from sale of noncontrolling interest in midstream joint venture—588—Realized gains on financing derivatives621109(167)Proceeds from mortgage of building—54—Proceeds from sale/leaseback of real estate surface assets—1445—Net increase (decrease) in outstanding payments in excess of cash balance20(249)330Other(88)(128)(30)(36)6,356Net increase (decrease) in cash and cash equivalents(205)(1,442)1,748Cash and cash equivalents, beginning of period3071,7491   |   | -               |             | 2,598    |
| Cash paid for common stock dividends(189)(181)(148)Cash paid for preferred stock dividends(92)(23)(35)Proceeds from sale of noncontrolling interest in midstream joint venture-588-Realized gains on financing derivatives621109(167)Proceeds from mortgage of building-54-Proceeds from sale/leaseback of real estate surface assets-145-Net increase (decrease) in outstanding payments in excess of cash balance20(249)330Other(88)(128)(30)Cash provided by (used in) financing activities3,181(336)6,356Net increase (decrease) in cash and cash equivalents(205)(1,442)1,748Cash and cash equivalents, beginning of period3071,7491  |   | (3,434)         |             |          |
| Proceeds from sale of noncontrolling interest in midstream joint venture588Realized gains on financing derivatives621109(167)Proceeds from mortgage of building54Proceeds from sale/leaseback of real estate surface assets145Net increase (decrease) in outstanding payments in excess of cash balance20(249)330Other(88)(128)(30)Cash provided by (used in) financing activities3,181(336)6,356Net increase (decrease) in cash and cash equivalents(205)(1,442)1,748Cash and cash equivalents, beginning of period3071,7491  |   |                 | (181)       |          |
| Realized gains on financing derivatives621109(167)Proceeds from mortgage of building—54—Proceeds from sale/leaseback of real estate surface assets—145—Net increase (decrease) in outstanding payments in excess of cash balance20(249)330Other(88)(128)(30)Cash provided by (used in) financing activities3,181(336)6,356Net increase (decrease) in cash and cash equivalents(205)(1,442)1,748Cash and cash equivalents, beginning of period3071,7491   |   | (92)            | (23)        | (35)     |
| Proceeds from mortgage of building—54—Proceeds from sale/leaseback of real estate surface assets—145—Net increase (decrease) in outstanding payments in excess of cash balance20(249)330Other(88)(128)(30)Cash provided by (used in) financing activities3,181(336)6,356Net increase (decrease) in cash and cash equivalents(205)(1,442)1,748Cash and cash equivalents, beginning of period3071,7491   |   |                 |             |          |
| Proceeds from sale/leaseback of real estate surface assets-145Net increase (decrease) in outstanding payments in excess of cash balance20(249)330Other(88)(128)(30)Cash provided by (used in) financing activities3,181(336)6,356Net increase (decrease) in cash and cash equivalents(205)(1,442)1,748Cash and cash equivalents, beginning of period3071,7491  |   | 621             |             | (167)    |
| Net increase (decrease) in outstanding payments in excess of cash balance20(249)330Other(88)(128)(30)Cash provided by (used in) financing activities3,181(336)6,356Net increase (decrease) in cash and cash equivalents(205)(1,442)1,748Cash and cash equivalents, beginning of period3071,7491  |   |                 |             |          |
| Other       (88)       (128)       (30)         Cash provided by (used in) financing activities       3,181       (336)       6,356         Net increase (decrease) in cash and cash equivalents       (205)       (1,442)       1,748         Cash and cash equivalents, beginning of period       307       1,749       1  |   | 20              |             | 330      |
| Cash provided by (used in) financing activities3,181(336)6,356Net increase (decrease) in cash and cash equivalents(205)(1,442)1,748Cash and cash equivalents, beginning of period3071,7491   |   |                 |             |          |
| Net increase (decrease) in cash and cash equivalents(205)(1,442)1,748Cash and cash equivalents, beginning of period3071,7491   |   |                 |             |          |
| Cash and cash equivalents, beginning of period 307 1,749 1   | • • • • •   |                 | ·· _        |          |
|  |   |                 | •           | 1,748    |
| Cash and cash equivalents, end of period   |   |                 |             | <u> </u> |
|  | Cash and cash equivalents, end of period                      | <u>\$ 102</u>   | § 307 §     | 5 1,749  |

## CONSOLIDATED STATEMENTS OF CASH FLOWS - (Continued)

### SUPPLEMENTAL DISCLOSURE OF CASH FLOW INFORMATION OF CASH PAYMENTS FOR:

|                                       | Years Ended December 31, |       |          |    |      |     |  |      |
|---------------------------------------|--------------------------|-------|----------|----|------|-----|--|------|
|                                       | 2010                     |       | 2010 200 |    | 2009 |     |  | 2008 |
|                                       | (\$ in millions)         |       |          |    |      |     |  |      |
| Interest, net of capitalized interest | \$                       | 11    | \$       | 64 | \$   | 97  |  |      |
| Income taxes, net of refunds received | \$                       | (291) | \$       | 7  | \$   | 296 |  |      |

### SUPPLEMENTAL SCHEDULE OF NON-CASH INVESTING AND FINANCING ACTIVITIES:

As of December 31, 2010, 2009 and 2008, dividends payable on our common and preferred stock were \$90 million, \$53 million and \$50 million, respectively.

In 2010, 2009 and 2008, natural gas and oil properties were adjusted by \$161 million, (\$93) million and (\$4) million, respectively, as a result of an increase (decrease) in accrued acquisition, exploration and development costs.

In 2010, 2009 and 2008, other property and equipment were adjusted by \$14 million, (\$53) million and \$125 million, respectively, as a result in an increase (decrease) in accrued costs.

As of December 31, 2010 and 2009, we had recorded \$371 million and \$244 million, respectively, of various liabilities related to the purchase of proved and unproved properties.

In 2010, 2009 and 2008, holders of certain of our contingent convertible senior notes exchanged their notes for shares of common stock in privately negotiated exchanges as summarized below:

| Year | Contingent Convertible<br>Senior Notes | Princip          | al Amount | Number of<br>Common Shares<br>Issued |
|------|--|------------------|-----------|--------------------------------------|
|      |  | (\$ in millions) |           | (in thousands)                       |
| 2010 | 2.25% due 2038                         | <b>Þ</b>         |           | 299                                  |
| 2009 | 2.25% due 2038                         | \$               | 364       | 10,210                               |
| 2008 | 2.75% due 2035                         | \$               | 239       | 8,841                                |
|      | 2.50% due 2037                         |                  | 272       | 8,417                                |
|      | 2.25% due 2038                         |                  | 254       | 6,655                                |
|      |  | \$               | 765       | 23,913                               |

In 2009 and 2008, we issued 24,822,832 and 1,677,000 shares of common stock, valued at \$429 million and \$34 million, respectively, for the purchase of proved and unproved properties pursuant to an acquisition shelf registration statement.

In 2010, 2009 and 2008, shares of our cumulative convertible preferred stock were exchanged for or converted into shares of common stock as summarized below:

| Year of<br>Exchange/<br>Conversion | Cumulative<br>Convertible<br>Preferred Stock | Number<br>of<br>Preferred Shares | Number<br>of<br>Common Shares | Type<br>of<br>Transaction |
|------------------------------------|--|----------------------------------|-------------------------------|---------------------------|
|                                    |  |                                  |                               | Transaotion               |
|                                    |  | (in thot                         | isands)                       |                           |
| 2010                               | 5.0% (series 2005)                           | 5                                | 21                            | Conversion                |
| 0000                               | 0.050/                                       |                                  |                               | <b>.</b> .                |
| 2009                               | 6.25%  | 144                              | 1,239                         | Conversion                |
|                                    | 4.125%                                       | 3                                | 183                           | Conversion                |
|                                    |  |                                  | 1,422                         |                           |
|                                    |  |                                  |                               |                           |
| 2008                               | 5.0% (series 2005B)                          | 3,654                            | 10,443                        | Exchange                  |
|                                    | 4.5%   | 891                              | 2,228                         | Exchange                  |
|                                    | 4.125%                                       | (a)                              | _,2                           | Conversion                |
|                                    |  |                                  |                               | Controlotion              |
|                                    |  |                                  | 12,673                        |                           |
|                                    |  |                                  |                               |                           |

(a) Nominal amount.

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# CONSOLIDATED STATEMENTS OF EQUITY

|   | Years Ended December 31, |               |            |  |
|---|--------------------------|---------------|------------|--|
|   | 2010                     | 2009          | 2008       |  |
|   | (\$ in millions,         | except per sl | hare data) |  |
| PREFERRED STOCK:  |                          |               |            |  |
| Balance, beginning of period  |                          | 505 \$        | 960        |  |
| Issuance of 1,500,000, 0 and 0 shares of 5.75% preferred stock        | 1,500                    |               |            |  |
| Issuance of 1,100,000, 0 and 0 shares of 5.75% preferred stock        |                          |               |            |  |
| (series A)  | 1,100                    |               |            |  |
| Conversion or exchange of 5,000, 146,801 and 4,545,414 shares of      |                          |               |            |  |
| preferred stock for common stock                                      | (1)                      | (39)          | (455)      |  |
| Balance, end of period  | 3,065                    | 466           | 505        |  |
| COMMON STOCK:   |                          |               |            |  |
| Balance, beginning of period  | 6                        | 6             | 5          |  |
| Conversion or exchange of convertible notes and preferred stock for   |                          |               |            |  |
| 319,274, 11,632,594 and 36,586,347 shares of common stock             |                          | —             |            |  |
| Issuance of 0, 0, and 51,750,000 shares of common stock               |                          | _             | . 1        |  |
| Issuance of 0, 24,822,832 and 1,677,000 shares of common stock        |                          |               |            |  |
| for the purchase of proved and unproved properties                    |                          |               |            |  |
| Stock-based compensation  | 1                        |               |            |  |
| Balance, end of period  | 7                        | 6             | 6          |  |
| PAID-IN CAPITAL:  |                          |               |            |  |
| Balance, beginning of period  | 12,146                   | 11,680        | 7,532      |  |
| Issuance of 0, 0, and 51,750,000 shares of common stock               | _                        |               | 2,697      |  |
| Issuance of 0, 24,822,832 and 1,677,000 shares of common stock        |                          |               |            |  |
| for the purchase of proved and unproved properties                    | —                        | 421           | 34         |  |
| Issuance of 2.25% contingent convertible senior notes due 2038        | —                        |               | 345        |  |
| Conversion or exchange of convertible notes and preferred stock for   |                          |               |            |  |
| 319,274, 11,632,594 and 36,586,347 shares of common stock             |                          | 301           | 934        |  |
| Stock-based compensation  |                          | 199           | 188        |  |
| Offering/transaction expenses   | · · ·                    | (16)          | (101)      |  |
| Dividends on common stock   | · · · ·                  | (185)         |            |  |
| Dividends on preferred stock  |                          | (22)          |            |  |
| Exercise of stock options   |                          | 4             | 8          |  |
| Allocation of joint venture capital to Global Infrastructure Partners |                          | (294)         |            |  |
| Tax effect on equalization of partners' capital                       |                          | 106           |            |  |
| Tax benefit (reduction in tax benefit) from exercise of stock-based   |                          |               |            |  |
| compensation  |                          | (48)          | 43         |  |
| Balance, end of period  | 12,194                   | 12,146        | 11,680     |  |

# CONSOLIDATED STATEMENTS OF EQUITY – (Continued)

|   | Years Ended December 31, |          |        |         |       |          |
|---|--------------------------|----------|--------|---------|-------|----------|
|   | 2                        | 010      | 2      | 009     |       | 2008     |
|   | (\$ in                   | millions | s, exc | ept per | sha   | re data) |
| RETAINED EARNINGS (DEFICIT):  |                          |          |        |         |       |          |
| Balance, beginning of period  | \$                       | (1,261)  |        | 4,569   | \$    | 4,144    |
| Net income (loss) attributable to Chesapeake                                  |                          | 1,774    |        | (5,830) |       | 604      |
| Cumulative effect of accounting change, net of income taxes of \$89 million   |                          | (142)    |        |         |       |          |
| Dividends on common stock   |                          | (95)     |        |         |       | (158)    |
| Dividends on preferred stock  |                          | (86)     |        |         |       | (21)     |
| Balance, end of period  |                          | 190      |        | (1,261) |       | 4,569    |
| ACCUMULATED OTHER COMPREHENSIVE INCOME (LOSS):                                |                          |          |        |         |       |          |
| Balance, beginning of period  |                          | 102      |        | 267     |       | (11)     |
| Hedging activity  |                          | (265)    |        | (231)   |       | 297      |
| Investment activity   |                          | (5)      | -      | 66      |       | (19)     |
| Balance, end of period  |                          | (168)    |        | 102     |       | 267      |
| TREASURY STOCK – COMMON:  |                          |          |        |         |       |          |
| Balance, beginning of period  |                          | (15)     |        | (10)    |       | (6)      |
| Purchase of 351,163, 227,827 and 159,430 shares for company                   |                          | (0)      |        |         |       | (4)      |
| benefit plans<br>Release of 7,069, 7,898 and 2,975 shares for company benefit |                          | (9)      |        | (5)     |       | (4)      |
| plans   |                          |          |        |         |       | _        |
| Balance, end of period  |                          | (24)     |        | (15)    |       | (10)     |
| TOTAL CHESAPEAKE STOCKHOLDERS' EQUITY   |                          | 15,264   |        | 11,444  |       | 17,017   |
|   |                          | 15,204   |        | 11,444  |       | 17,017   |
| NONCONTROLLING INTEREST:<br>Balance, beginning of period                      |                          | 897      |        |         |       |          |
| Sale of noncontrolling interest in midstream joint venture                    |                          |          |        | 588     |       | _        |
| Allocation of joint venture capital to Global Infrastructure                  |                          |          |        | 000     |       |          |
| Partners  |                          |          |        | 294     |       | _        |
| Distribution to partner   |                          |          |        | (10)    |       |          |
| Chesapeake Midstream Partners net income attributable to Global               |                          |          |        |         |       |          |
| Infrastructure Partners   |                          |          |        | 25      |       |          |
| Deconsolidation of investment in Chesapeake Midstream Partners                |                          | (897)    |        |         |       | _        |
| Balance, end of period  |                          | (007)    |        | 897     |       |          |
| -   | <u>۴</u>                 | 15 264   | ው      |         | <br>¢ | 17 017   |
| TOTAL EQUITY  | \$                       | 15,264   | \$     | 12,341  | \$    | 17,017   |

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# CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME

|  | Years Ended December 31, |          |          |         |          |      |   |      |
|--|--------------------------|----------|----------|---------|----------|------|---|------|
|  | 2010                     |          | 2010 200 |         | 2010 200 |      | 2 | 2008 |
|  | (\$ in millions          |          |          |         | ons)     |      |   |      |
| Net income (loss)<br>Other comprehensive income (loss), net of income tax:<br>Change in fair value of derivative instruments, net of income taxes of   | \$                       | 1,774    | \$       | (5,805) | \$       | 604  |   |      |
| \$129 million, \$413 million and \$113 million, respectively<br>Reclassification of (gain) loss on settled contracts, net of income taxes  |                          | 212      |          | 677     |          | 186  |   |      |
| of (\$298) million, (\$540) million and \$35 million, respectively<br>Ineffective portion of derivatives qualifying for cash flow hedge<br>accounting, net of income taxes of \$9 million, (\$14) million and \$34 |                          | (491)    |          | (885)   |          | 55   |   |      |
| million, respectively<br>Unrealized (gain) loss on marketable securities, net of income taxes of   |                          | 14       |          | (23)    |          | 56   |   |      |
| (\$3) million, \$14 million and (\$12) million, respectively<br>Reclassification of loss on investments, net of income taxes of \$0, \$26  |                          | (5)      |          | 23      |          | (19) |   |      |
| million and \$0, respectively  |                          | <u> </u> |          | 43      |          |      |   |      |
| Comprehensive income (loss)  |                          | 1,504    |          | (5,970) |          | 882  |   |      |
| (Income) attributable to noncontrolling interest   |                          |          |          | (25)    |          |      |   |      |
| Comprehensive income (loss) available to Chesapeake  | \$                       | 1,504    | \$       | (5,995) | \$       | 882  |   |      |

# CHESAPEAKE ENERGY CORPORATION AND SUBSIDIARIES NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

#### 1. Basis of Presentation and Summary of Significant Accounting Policies

#### Description of Company

Chesapeake Energy Corporation ("Chesapeake" or the "company") is a natural gas and oil exploration and production company engaged in the exploration, development and acquisition of properties for the production of natural gas and oil from underground reservoirs, and we provide marketing and other midstream services. Our properties are located in Alabama, Arkansas, Colorado, Kansas, Kentucky, Louisiana, Maryland, Michigan, Mississippi, Montana, Nebraska, New Mexico, New York, North Dakota, Ohio, Oklahoma, Pennsylvania, Tennessee, Texas, Utah, Virginia, West Virginia and Wyoming.

#### Principles of Consolidation

The accompanying consolidated financial statements of Chesapeake include the accounts of our direct and indirect wholly owned subsidiaries. All significant intercompany accounts and transactions have been eliminated.

#### Change in Accounting Principles

Effective January 1, 2010, in accordance with new authoritative guidance for variable interest entities, we ceased consolidating our midstream joint venture with Global Infrastructure Partners within our financial statements and began to account for the joint venture under the equity method (see Note 12). Adoption of this new guidance resulted in an after-tax cumulative effect charge to retained earnings of \$142 million, which is reflected in our consolidated statement of equity for the year ended December 31, 2010. This charge reflects the difference between the carrying value of our initial investment in the joint venture, which was recorded at carryover basis as an entity under common control, and the fair value of our equity in the joint venture as of the formation date.

### Accounting Estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the dates of the financial statements and the reported amounts of revenues and expenses during the reporting periods. Actual results could differ from those estimates.

### Cash Equivalents

For purposes of the consolidated financial statements, Chesapeake considers investments in all highly liquid instruments with original maturities of three months or less at date of purchase to be cash equivalents.

### Accounts Receivable

Our accounts receivable are primarily from purchasers of natural gas and oil and exploration and production companies which own interests in properties we operate. This industry concentration has the potential to impact our overall exposure to credit risk, either positively or negatively, in that our customers may be similarly affected by changes in economic, industry or other conditions. We monitor the creditworthiness of all our counterparties. We generally require letters of credit for receivables from customers which are judged to have sub-standard credit, unless the credit risk can otherwise be mitigated. During 2010 and 2008, we recognized nominal amounts of bad debt expense related to potentially uncollectible receivables. During 2009, we recognized \$13 million of bad debt expense related to potentially uncollectible receivables.

# CHESAPEAKE ENERGY CORPORATION AND SUBSIDIARIES NOTES TO CONSOLIDATED FINANCIAL STATEMENTS – (Continued)

Accounts receivable consists of the following components:

|                                 | December 31, |          |              |       |
|---------------------------------|--------------|----------|--------------|-------|
|                                 | 2010         |          |              | 2009  |
|                                 |              | (\$ in m | in millions) |       |
| Natural gas and oil sales       | \$           | 821      | \$           | 743   |
| Joint interest                  |              | 977      |              | 394   |
| Service operations              |              | 10       |              | 7     |
| Related parties <sup>(a)</sup>  |              | 30       |              | 15    |
| Other                           |              | 154      |              | 190   |
| Allowance for doubtful accounts |              | (18)     |              | (24)  |
| Total accounts receivable       | \$           | 1,974    | \$           | 1,325 |

(a) See Note 6 for discussion of related party transactions.

### Natural Gas and Oil Properties

Chesapeake follows the full-cost method of accounting under which all costs associated with property acquisition, exploration and development activities are capitalized. We capitalize internal costs that can be directly identified with our acquisition, exploration and development activities and do not include any costs related to production, general corporate overhead or similar activities (see Note 10). Capitalized costs are amortized on a composite unit-of-production method based on proved natural gas and oil reserves. Estimates of our proved reserves as of December 31, 2010 were prepared by both third-party engineering firms and Chesapeake's internal staff. Approximately 78% of these proved reserves estimates (by volume) at December 31, 2010 were prepared by independent engineering firms. In addition, our internal engineers review and update our reserves on a quarterly basis. The average composite rates used for depreciation, depletion and amortization of natural gas and oil properties were \$1.35 per mcfe in 2010, \$1.51 per mcfe in 2009 and \$2.34 per mcfe in 2008.

Proceeds from the sale of properties are accounted for as reductions of capitalized costs unless such sales involve a significant change in proved reserves and significantly alter the relationship between costs and the value of proved reserves, in which case a gain or loss is recognized.

The costs of unproved properties are excluded from amortization until the properties are evaluated. We review all of our unevaluated properties quarterly to determine whether or not and to what extent proved reserves have been assigned to the properties and otherwise if impairment has occurred. Unevaluated properties are grouped by major prospect area where individual property costs are not significant and are assessed individually when individual costs are significant.

We review the carrying value of our natural gas and oil properties under the full-cost accounting rules of the Securities and Exchange Commission on a quarterly basis. This quarterly review is referred to as a ceiling test. Under the ceiling test, capitalized costs, less accumulated amortization and related deferred income taxes, may not exceed an amount equal to the sum of the present value of estimated future net revenues (adjusted for cash flow hedges) less estimated future expenditures to be incurred in developing and producing the proved reserves, less any related income tax effects. In calculating estimated future net revenues, current prices are calculated as the unweighted arithmetical average of natural gas and oil prices on the first day of each month within the 12-month period ended. Costs used are those as of the end of the appropriate quarterly period. Such prices are utilized except where different prices are fixed and determinable from applicable contracts for the remaining term of those contracts, including the effects of derivatives qualifying as cash flow hedges. Based on average prices on the first day of each month within the 12-month period ending December 31, 2010, these cash flow hedges increased the full-cost ceiling by \$176 million. Our qualifying cash flow hedges as of December 31, 2010, which consisted of swaps, covered 450 bcfe and 13 bcfe in 2011 and 2012, respectively. Our natural gas and oil hedging activities are discussed in Note 9 of these consolidated financial statements.

### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS – (Continued)

Two primary factors impacting the ceiling test are reserve levels and natural gas and oil prices, and their associated impact on the present value of estimated future net revenues. Revisions to estimates of natural gas and oil reserves and/or an increase or decrease in prices can have a material impact on the present value of estimated future net revenues. Any excess of the net book value, less deferred income taxes, is written off as an expense.

We account for seismic costs in accordance with Rule 4-10 of Regulation S-X. Specifically, Rule 4-10 requires that all companies that use the full-cost method capitalize exploration costs as part of their natural gas and oil properties (i.e., full-cost pool). Exploration costs may be incurred both before acquiring the related property and after acquiring the property. Further, exploration costs include, among other things, geological and geophysical studies and salaries and other expenses of geologists, geophysical crews and others conducting those studies. Such costs are capitalized as incurred. Seismic costs directly associated with the acquisition and evaluation of unproved properties are excluded from the amortization computation until it is determined whether or not proved reserves can be assigned to the properties. The company reviews its unproved properties and associated seismic costs quarterly in order to ascertain whether impairment has occurred. To the extent that seismic costs cannot be directly associated with specific unevaluated properties, they are included in the amortization base as incurred.

#### Other Property and Equipment

Other property and equipment consists primarily of natural gas gathering systems and treating plants, drilling rigs and associated equipment, land, buildings and improvements, natural gas compressors, vehicles and office equipment. Major renewals and betterments are capitalized while the costs of repairs and maintenance are charged to expense as incurred. The costs of assets retired or otherwise disposed of and the applicable accumulated depreciation are removed from the accounts, and the resulting gain or loss is reflected in operating costs. Other property and equipment costs, excluding land, are depreciated on a straight-line basis. A summary of other property and equipment and the useful lives is as follows:

|   |                  | Decem |       |       |            |  |             |
|---|------------------|-------|-------|-------|------------|--|-------------|
|   | 2010             |       | ) 200 |       | 2009       |  | Useful Life |
|   | (\$ in millions) |       |       | ns)   | (in years) |  |             |
| Natural gas gathering systems and treating plants | \$               | 1,545 | \$    | 3,516 | 20         |  |             |
| Buildings and improvements                        |                  | 902   |       | 805   | 10 – 39    |  |             |
| Drilling rigs and equipment                       |                  | 900   |       | 687   | 3 – 15     |  |             |
| Natural gas compressors                           |                  | 304   |       | 325   | 20         |  |             |
| Land  |                  | 911   |       | 868   |            |  |             |
| Other   |                  | 709   |       | 550   | 2 – 7      |  |             |
| Total other property and equipment, at cost       |                  | 5,271 |       | 6,751 |            |  |             |
| Less: accumulated depreciation and amortization   |                  | (720) |       | (834) |            |  |             |
| Total other property and equipment, net           | \$               | 4,551 | \$    | 5,917 |            |  |             |

Realization of the carrying value of other property and equipment is reviewed for possible impairment whenever events or changes in circumstances indicate that the carrying amount may not be recoverable. Assets are determined to be impaired if a forecast of undiscounted estimated future net operating cash flows directly related to the asset, including disposal value, if any, is less than the carrying amount of the asset. If any asset is determined to be impaired, the loss is measured as the amount by which the carrying amount of the asset exceeds its fair value. An estimate of fair value is based on the best information available, including prices for similar assets. For 2010, we recorded an impairment of \$21 million to natural gas gathering systems primarily related to the obsolescence of certain midstream assets. For 2009, we recorded an impairment of \$86 million associated with certain of our midstream assets and \$27 million associated with certain of our service operations assets. For 2008, we recorded an impairment of \$30 million associated with certain of our midstream assets.

#### Investments

Investments in securities are accounted for under the equity method in circumstances where we are deemed to exercise significant influence over the operating and investing policies of the investee but do not

# NOTES TO CONSOLIDATED FINANCIAL STATEMENTS – (Continued)

have control. Under the equity method, we recognize our share of the investee's earnings in our consolidated statements of operations. Investments in securities not accounted for under the equity method are accounted for under the cost method. Investments in marketable equity securities accounted for under the cost method have been designated as available for sale and, as such, are recorded at fair value. We evaluate our investments for impairment in value and recognize a charge to earnings when any identified impairment is judged to be other than temporary. For 2010, 2009 and 2008, we recorded investment impairments of \$16 million, \$162 million and \$180 million, respectively. See Note 12 for further discussion of investments.

#### Capitalized Interest

During 2010, 2009 and 2008, interest of approximately \$711 million, \$627 million and \$585 million, respectively, was capitalized on significant investments in unproved properties that were not being currently depreciated, depleted or amortized and on which exploration activities were in progress. An additional \$5 million and \$6 million was capitalized in 2010 and 2009, respectively, on midstream assets which were under construction. Interest is capitalized using a weighted average interest rate based on our outstanding borrowings.

### Accounts Payable and Other Current Liabilities

Included in accounts payable at December 31, 2010 and 2009, are liabilities of approximately \$251 million and \$231 million, respectively, representing the amount by which checks issued, but not yet presented to our banks for collection, exceeded balances in applicable bank accounts. Other current liabilities as of December 31, 2010 and 2009 are detailed below:

|                                       | December 31, |          |       |       |         |  |
|---------------------------------------|--------------|----------|-------|-------|---------|--|
|                                       | 2010         |          | 2010  |       | 2010 20 |  |
|                                       |              | (\$ in m | illio | ns)   |         |  |
| Revenues and royalties due others     | \$           | 732      | \$    | 565   |         |  |
| Accrued drilling and production costs |              | 398      |       | 230   |         |  |
| Accrued acquisition costs             |              | 371      |       | 244   |         |  |
| JIB prepayments received              |              | 221      |       | 102   |         |  |
| Accrued payroll                       |              | 123      |       | 96    |         |  |
| Accrued dividends                     |              | 90       |       | 53    |         |  |
| Other                                 |              | 280      |       | 196   |         |  |
| Total Other Current Liabilities       | \$           | 2,215    | \$    | 1,486 |         |  |

#### Debt Issuance and Hedge Facility Costs

Included in other long-term assets are costs associated with the issuance of our senior notes and costs associated with our revolving bank credit facilities and hedging facilities. The remaining unamortized issuance costs at December 31, 2010 and 2009 totaled \$162 million and are being amortized over the life of the senior notes, revolving credit facilities or hedging facilities.

### Asset Retirement Obligations

We recognize liabilities for retirement obligations associated with the retirement of tangible long-lived assets that result from the acquisition, construction and development of the assets. We recognize the fair value of a liability for a retirement obligation in the period in which the liability is incurred. For natural gas and oil properties, this is the period in which a natural gas or oil well is acquired or drilled. The asset retirement obligation is capitalized as part of the carrying amount of our natural gas and oil properties at its discounted fair value. The liability is then accreted each period until the liability is settled or the well is sold, at which time the liability is removed. See Note 15 for further discussion of asset retirement obligations.

### Revenue Recognition

Natural Gas and Oil Sales. Revenue from the sale of natural gas and oil is recognized when title passes, net of royalties due to third parties.

# CHESAPEAKE ENERGY CORPORATION AND SUBSIDIARIES NOTES TO CONSOLIDATED FINANCIAL STATEMENTS – (Continued)

*Natural Gas Imbalances.* We follow the "sales method" of accounting for our natural gas revenue whereby we recognize sales revenue on all natural gas sold to our purchasers, regardless of whether the sales are proportionate to our ownership in the property. An asset or a liability is recognized to the extent that we have an imbalance in excess of the remaining natural gas reserves on the underlying properties. The natural gas imbalance net position at December 31, 2010 and 2009 was a liability of \$7 million.

Marketing Gathering and Compression Sales. Chesapeake takes title to the natural gas it purchases from other working interest owners in operated wells, arranges for transportation and delivers the natural gas to third parties, at which time revenues are recorded. Chesapeake's results of operations related to its natural gas and oil marketing activities are presented on a "gross" basis, because we act as a principal rather than an agent. Gathering and compression revenues consist of fees recognized for the gathering, treating and compression of natural gas. Revenues are recognized when the service is performed and are based upon non-regulated rates and the related gathering, treating and compression volumes. All significant intercompany accounts and transactions have been eliminated.

Service Operations Revenue. We have drilling rig and trucking operations which primarily service Chesapeake-operated drilling operations. Revenues are recognized when the service is performed. All significant intercompany accounts and transactions have been eliminated.

### Hedging

Chesapeake uses commodity price and financial risk management instruments to mitigate our exposure to price fluctuations in natural gas and oil and changes in interest rates and foreign exchange rates. Results of natural gas and oil derivative transactions are reflected in natural gas and oil sales and results of interest rate and foreign exchange rate hedging transactions are reflected in interest expense.

We have established the fair value of our derivative instruments utilizing established index prices, volatility curves and discount factors. These estimates are compared to our counterparty values for reasonableness. Derivative transactions are subject to the risk that counterparties will be unable to meet their obligations. Such non-performance risk is considered in the valuation of our derivative instruments, but to date has not had a material impact on the values of our derivatives. The values we report in our financial statements are as of a point in time and subsequently change as these estimates are revised to reflect actual results, changes in market conditions and other factors.

Accounting guidance for derivative instruments and hedging activities establishes accounting and reporting standards requiring that derivative instruments (including certain derivative instruments embedded in other contracts) be recorded at fair value and included in the consolidated balance sheet as assets or liabilities. The accounting for changes in the fair value of a derivative instrument depends on the intended use of the derivative and the resulting designation, which is established at the inception of a derivative. For derivative instruments designated as cash flow hedges, changes in fair value, to the extent the hedge is effective, are recognized in other comprehensive income until the hedged item is recognized in earnings. Any change in the fair value resulting from ineffectiveness is recognized immediately in natural gas and oil sales. For interest rate derivative instruments designated as fair value hedges, changes in fair value are recorded on the consolidated balance sheets as assets (liabilities), and the debt's carrying value amount is adjusted by the change in the fair value of the debt subsequent to the initiation of the derivative. Differences between the changes in the fair values of the hedged item and the derivative instrument, if any, represent gains or losses on ineffectiveness and are reflected currently in interest expense. Hedge effectiveness is measured at least quarterly based on the relative changes in fair value between the derivative contract and the hedged item over time. Changes in fair value of contracts that do not qualify as hedges or are not designated as hedges are also recognized currently in earnings. Cash settlements of our derivative arrangements are generally classified as operating cash flows unless the derivative contains a significant financing element at contract inception, in which case these cash settlements are classified as financing cash flows in the accompanying consolidated statement of cash flows.

# CHESAPEAKE ENERGY CORPORATION AND SUBSIDIARIES NOTES TO CONSOLIDATED FINANCIAL STATEMENTS -- (Continued)

### Stock-Based Compensation

Chesapeake's stock-based compensation programs consist of restricted stock and stock options issued to employees and non-employee directors. We recognize in our financial statements the cost of employee services received in exchange for awards of equity instruments based on the fair value at the date of grant of those awards. We utilize the Black-Scholes option pricing model to measure the fair value of stock options. To the extent compensation cost relates to employees directly involved in natural gas and oil exploration and development activities, such amounts are capitalized to natural gas and oil properties. Amounts not capitalized to natural gas and oil properties are recognized as general and administrative expenses, production expenses, marketing, gathering and compression expenses or service operations expense.

For the years ended December 31, 2010, 2009 and 2008, we recorded the following stock-based compensation:

|   | 2010             |     | 2010 |     | 2  | 009 | 1 | 2008 |
|---|------------------|-----|------|-----|----|-----|---|------|
|   | (\$ in millions) |     |      |     |    |     |   |      |
| Natural gas and oil properties                | \$               | 120 | \$   | 112 | \$ | 109 |   |      |
| General and administrative expenses           |                  | 84  |      | 74  |    | 85  |   |      |
| Production expenses                           |                  | 35  |      | 34  |    | 30  |   |      |
| Marketing, gathering and compression expenses |                  | 18  |      | 16  |    | 11  |   |      |
| Service operations expense                    |                  | 9   |      | 8   |    | 6   |   |      |
| Restructuring costs                           |                  |     |      | - 9 | •  |     |   |      |
| Total   | \$               | 266 | \$   | 253 | \$ | 241 |   |      |

Cash inflows resulting from tax deductions in excess of compensation expense recognized for stock options and restricted stock ("excess tax benefits") are classified as financing cash inflows in our consolidated statements of cash flows. For the years ended December 31, 2010 and 2009, we recognized a reduction in tax benefits related to stock-based compensation of \$13 million and \$48 million which is reported in operating activities on our consolidated statements of cash flows. For the year ended December 31, 2008, we recognized \$43 million of excess tax benefits from stock-based compensation as cash provided by financing activities on our consolidated statements of cash flows.

### Reclassifications

Certain reclassifications have been made to the consolidated financial statements for 2009 and 2008 to conform to the presentation used for the 2010 consolidated financial statements.

# NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

## 2. Net Income Per Share

Accounting guidance for Earnings Per Share (EPS) requires presentation of "basic" and "diluted" earnings per share on the face of the statements of operations for all entities with complex capital structures as well as a reconciliation of the numerator and denominator of the basic and diluted EPS computations.

For the year ended December 31, 2010, all outstanding securities that are convertible into common stock were included in the calculation of diluted EPS. For the years ended December 31, 2009 and 2008, the following securities and associated adjustments to net income, comprised of dividends and loss on conversions/exchanges, were not included in the calculation of diluted EPS, as the effects were antidilutive:

|  |          | ncome<br>tments | Shares        |
|--|----------|-----------------|---------------|
|  | (\$ in m | nillions)       | (in millions) |
| Year Ended December 31, 2009:         Common stock equivalent of our preferred stock outstanding:         4.50% cumulative convertible preferred stock         5.00% cumulative convertible preferred stock (series 2005B)                 | \$       | 12<br>10        | 6<br>5        |
| Common stock equivalent of our preferred stock outstanding prior to<br>conversion:<br>6.25% mandatory convertible preferred stock<br>Unvested restricted stock<br>Outstanding stock options  |          | 1               | 1<br>6<br>1   |
| Year Ended December 31, 2008:Common stock equivalent of our preferred stock outstanding:4.50% cumulative convertible preferred stock5.00% cumulative convertible preferred stock (series 2005B)6.25% mandatory convertible preferred stock |          | 12<br>10<br>2   | 6<br>5<br>1   |
| Common stock equivalent of our preferred stock outstanding prior to conversion:<br>4.50% cumulative convertible preferred stock  | \$<br>\$ | 14<br>62        | 1<br>4        |

As a result of the net loss to common stockholders for the year ended December 31, 2009, both basic weighted average shares outstanding, which are used in computing basic EPS, and diluted weighted average shares outstanding, which are used in computing diluted EPS, were 612 million shares. The basic and diluted loss per common share was \$9.57.

# NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

A reconciliation for the years ended December 31, 2010 and 2008 is as follows:

|  | Income<br>(Numerator) |            | Shares<br>(Denominator) |        | r Share<br>mount |
|--|-----------------------|------------|-------------------------|--------|------------------|
|  |                       | (in millio | ons, except per sha     | are da | ta)              |
| For the Year Ended December 31, 2010: Basic EPS  | \$                    | 1,663      | 631                     | \$     | 2.63             |
| Effect of Dilutive Securities:<br>Assumed conversion as of the beginning of the period<br>of preferred shares outstanding during the period:<br>Common shares assumed issued for 5.75% |                       |            |                         |        |                  |
| cumulative convertible preferred stock<br>Common shares assumed issued for 5.75%<br>cumulative convertible preferred stock   |                       | 49         | 32                      |        |                  |
| (series A)<br>Common shares assumed issued for 5.00%<br>cumulative convertible preferred stock   |                       | 39         | 25                      |        |                  |
| (series 2005B)<br>Common shares assumed issued for 4.50%   |                       | 11         | 5                       |        |                  |
| cumulative convertible preferred stock   |                       | 12         | 6                       |        |                  |
| Unvested restricted stock  |                       |            | 6<br>1                  |        |                  |
| Diluted EPS  | \$                    | 1,774      | 706                     | \$     | 2.51             |
| For the Year Ended December 31, 2008:  |                       |            |                         |        |                  |
| Basic EPS  | \$                    | 504        | 536                     | \$.    | 0.94             |
| Effect of Dilutive Securities:<br>Effect of contingent convertible senior notes  |                       |            |                         |        |                  |
| outstanding during the period  |                       | _          | 1                       |        |                  |
| Unvested restricted stockOutstanding stock options   |                       |            | 6<br>2                  |        |                  |
| Diluted EPS  | \$                    | 504        | 545                     | \$     | 0.93             |

### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

### 3. Debt

Our long-term debt consisted of the following at December 31, 2010 and 2009:

|   | December 31, |           |  |  |  |
|---|--------------|-----------|--|--|--|
|   | 2010         | 2009      |  |  |  |
|   | (\$ in n     | nillions) |  |  |  |
| 7.5% senior notes due 2013  | \$           | \$ 364    |  |  |  |
| 7.625% senior notes due 2013  | 500          | 500       |  |  |  |
| 7.0% senior notes due 2014  |              | 300       |  |  |  |
| 7.5% senior notes due 2014  | —            | 300       |  |  |  |
| 6.375% senior notes due 2015  |              | 600       |  |  |  |
| 9.5% senior notes due 2015  | 1,425        | 1,425     |  |  |  |
| 6.625% senior notes due 2016  |              | 600       |  |  |  |
| 6.875% senior notes due 2016  | —            | 670       |  |  |  |
| 6.25% euro-denominated senior notes due 2017 <sup>(a)</sup>           | 796          | 860       |  |  |  |
| 6.5% senior notes due 2017  | 1,100        | 1,100     |  |  |  |
| 6.25% senior notes due 2018   |              | 600       |  |  |  |
| 6.875% senior notes due 2018  | 600          |           |  |  |  |
| 7.25% senior notes due 2018   | 800          | 800       |  |  |  |
| 6.625% senior notes due 2020  | 1,400        |           |  |  |  |
| 6.875% senior notes due 2020  | 500          | 500       |  |  |  |
| 2.75% contingent convertible senior notes due 2035 <sup>(b)</sup>     | 451          | 451       |  |  |  |
| 2.5% contingent convertible senior notes due 2037(b)                  | 1,378        | 1,378     |  |  |  |
| 2.25% contingent convertible senior notes due 2038 <sup>(b)</sup>     | 752          | 763       |  |  |  |
| Corporate revolving bank credit facility                              | 3,612        | 1,892     |  |  |  |
| Midstream revolving bank credit facility                              | 94           | —         |  |  |  |
| Midstream joint venture revolving bank credit facility <sup>(c)</sup> |              | 44        |  |  |  |
| Discount on senior notes <sup>(d)</sup>                               | (777)        | (921)     |  |  |  |
| Interest rate derivatives <sup>(e)</sup>                              | 9            | 69        |  |  |  |
| Total notes payable and long-term debt                                | \$ 12,640    | \$ 12,295 |  |  |  |

- (a) The principal amount shown is based on the dollar/euro exchange rate of \$1.3269 to €1.00 and \$1.4332 to €1.00 as of December 31, 2010 and 2009, respectively. See Note 9 for information on our related foreign currency derivatives.
- The holders of our contingent convertible senior notes may require us to repurchase, in cash, all or a portion of (b) their notes at 100% of the principal amount of the notes on any of four dates that are five, ten, fifteen and twenty years before the maturity date. The notes are convertible, at the holder's option, prior to maturity under certain circumstances into cash and, if applicable, shares of our common stock using a net share settlement process. One such triggering circumstance is when the price of our common stock exceeds a threshold amount during a specified period in a fiscal quarter. Convertibility based on common stock price is measured quarter by quarter. In the fourth quarter of 2010, the price of our common stock was below the threshold level for each series of the contingent convertible senior notes during the specified period and, as a result, the holders do not have the option to convert their notes into cash and common stock in the first quarter of 2011 under this provision. The notes are also convertible, at the holder's option, during specified five-day periods if the trading price of the notes is below certain levels determined by reference to the trading price of our common stock. In general, upon conversion of a contingent convertible senior note, the holder will receive cash equal to the principal amount of the note and common stock for the note's conversion value in excess of such principal amount. We will pay contingent interest on the convertible senior notes after they have been outstanding at least ten years, under certain conditions. We may redeem the convertible senior notes once they have been outstanding for ten years at a redemption price of 100% of the principal amount of the notes, payable in cash. The optional repurchase dates, the common stock price conversion threshold amounts and the ending date of the first six-month period contingent interest may be payable for the contingent convertible senior notes are as follows:

# NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

| Contingent<br>Convertible<br>Senior Notes | Repurchase Dates                    | Sto<br>Co | ommon<br>ock Price<br>nversion<br>resholds | Contingent Interest<br>First Payable<br>(if applicable) |
|---|-------------------------------------|-----------|--|---|
| 2.75% due 2035                            | November 15, 2015, 2020, 2025, 2030 | \$        | 48.62                                      | May 14, 2016  |
| 2.5% due 2037                             | May 15, 2017, 2022, 2027, 2032      | \$        | 64.26                                      | November 14, 2017                                       |
| 2.25% due 2038                            | December 15, 2018, 2023, 2028, 2033 | \$        | 107.36                                     | June 14, 2019   |

- (c) Effective January 1, 2010, our midstream joint venture, CMP, was no longer consolidated in accordance with new authoritative guidance. See Note 1 for further details.
- (d) Discount at December 31, 2010 and 2009 included \$711 million and \$794 million, respectively, associated with the equity component of our contingent convertible senior notes. This discount is amortized based on an effective yield method.

(e) See Note 9 for further discussion related to these instruments.

#### Senior Notes

Our senior notes are unsecured senior obligations of Chesapeake and rank equally in right of payment with all of our other existing and future senior indebtedness and rank senior in right of payment to all of our future subordinated indebtedness. Chesapeake is a holding company and owns no operating assets and has no significant operations independent of its subsidiaries. Our senior note obligations are guaranteed by certain of our wholly owned subsidiaries, excluding CMD and its subsidiaries. See Note 17 for condensed consolidating financial information regarding our guarantor and non-guarantor subsidiaries. We may redeem the senior notes, other than the contingent convertible senior notes, at any time at specified make-whole or redemption prices. Our senior notes are governed by indentures containing covenants that may limit our ability and our subsidiaries' ability to incur certain secured indebtedness; enter into sale/leaseback transactions; and consolidate, merge or transfer assets.

We are required to account for the liability and equity components of our convertible debt instruments separately and to reflect interest expense at the interest rate of similar nonconvertible debt at the time of issuance. These rates for our 2.75% Contingent Convertible Senior Notes due 2035, our 2.5% Contingent Convertible Senior Notes due 2038 are 6.86%, 8.0% and 8.0%, respectively.

On June 21, 2010, we redeemed for an aggregate redemption price of approximately \$1.366 billion, plus accrued interest, approximately \$364 million in principal amount of our outstanding 7.50% Senior Notes due 2013, \$300 million in principal amount of our 7.50% Senior Notes due 2014 and approximately \$670 million in principal amount of our 6.875% Senior Notes due 2016. Associated with the redemptions, we recognized a loss of \$69 million in 2010.

On July 22, 2010, we redeemed for a redemption price of approximately \$619 million, plus accrued interest, all \$600 million in principal amount of our 6.375% Senior Notes due 2015. Associated with the redemption, we recognized a loss of \$19 million in 2010.

On August 3, 2010, we filed a shelf registration statement on Form S-3 with the SEC for the offering from time to time of debt securities.

On August 17, 2010, we completed a public offering of \$2.0 billion aggregate principal amount of senior notes for net proceeds of approximately \$1.967 billion. The offering consisted of \$600 million of 6.875% Senior Notes due 2018 and \$1.4 billion of 6.625% Senior Notes due 2020. Both series were priced at par.

On August 30, 2010, we completed tender offers to purchase for cash \$245 million of 7.00% Senior Notes due 2014, \$567 million of 6.625% Senior Notes due 2016 and \$582 million of 6.25% Senior Notes due 2018. On September 16, 2010, we redeemed the remaining \$55 million of 7.00% Senior Notes due 2014, \$33 million of 6.625% Senior Notes due 2016 and \$18 million of 6.25% Senior Notes due 2018 based on the redemption provisions in the indentures. Associated with the August 2010 tender offers and redemptions, we recognized a loss of \$40 million in 2010.

### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

During 2010, holders of our 2.25% Contingent Convertible Senior Notes due 2038 exchanged approximately \$11 million in aggregate principal amount for an aggregate of 298,500 shares of our common stock in privately negotiated exchanges. Associated with these exchanges, we recognized a loss of \$2 million in 2010.

During 2009, holders of our 2.25% Contingent Convertible Senior Notes due 2038 exchanged approximately \$364 million in aggregate principal amount for an aggregate of 10,210,169 shares of our common stock in privately negotiated exchanges. Associated with these exchanges, we recognized a loss of \$40 million in 2009.

No scheduled principal payments are required under our senior notes until 2013 when \$500 million is due.

### Bank Credit Facilities

We utilize two revolving bank credit facilities, described below, as sources of liquidity.

|                                     | Corporate<br>Credit Facility <sup>(a)</sup> |          |            | stream<br>Facility <sup>(b)</sup> |  |
|-------------------------------------|---|----------|------------|-----------------------------------|--|
|                                     |   | (\$ in m | illions)   |                                   |  |
| Borrowing capacity                  | \$  | 4,000    | \$         | 300                               |  |
| Maturity date                       | December 2015                               |          | Jul        | 2015                              |  |
| Facility structure                  | Senior secured revolving                    |          | Senior sec | ured revolving                    |  |
| Amount outstanding as of            |   | -        |            |                                   |  |
| December 31, 2010                   | \$  | 3,612    | \$         | 94                                |  |
| Letters of credit outstanding as of |   |          |            |                                   |  |
| December 31, 2010                   | \$  | 13       | \$         | ·                                 |  |
|                                     |   |          |            |                                   |  |

(a) Borrower is Chesapeake Exploration, L.L.C.

(b) Borrower is Chesapeake Midstream Operating, L.L.C., a wholly owned subsidiary of Chesapeake Midstream Development, L.P.

Our credit facilities do not contain material adverse change or adequate assurance covenants. Although the applicable interest rates under our corporate credit facility fluctuate slightly based on our long-term senior unsecured credit ratings, neither of our credit facilities contains provisions which would trigger an acceleration of amounts due under the facilities or a requirement to post additional collateral in the event of a downgrade of our credit ratings.

### Corporate Credit Facility

Our \$4.0 billion syndicated revolving bank credit facility is used for general corporate purposes. Borrowings under the facility are secured by natural gas and oil proved reserves and bear interest at our option at either (i) the greater of the reference rate of Union Bank, N.A. or the federal funds effective rate plus 0.50%, both of which are subject to a margin that varies from 0.50% to 1.25% per annum according to our senior unsecured long-term debt ratings, or (ii) the Eurodollar rate, which is based on the London Interbank Offered Rate (LIBOR), plus a margin that varies from 1.50% to 2.25% per annum according to our senior unsecured long-term debt ratings. The collateral value and borrowing base are determined periodically. The unused portion of the facility is subject to a commitment fee of 0.50% per annum. Interest is payable quarterly or, if LIBOR applies, it may be payable at more frequent intervals.

The credit facility agreement contains various covenants and restrictive provisions which limit our ability to incur additional indebtedness, make investments or loans and create liens and require us to maintain an indebtedness to total capitalization ratio and an indebtedness to EBITDA ratio, in each case as defined in the agreement. We were in compliance with all covenants under the agreement at December 31, 2010. If we should fail to perform our obligations under these and other covenants, the revolving credit commitment could be terminated and any outstanding borrowings under the facility could be declared immediately due and payable. Such acceleration, if involving a principal amount of \$50 million or more, would constitute an event of default under our senior note indentures, which could in turn result in the acceleration of a significant portion of

### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS – (Continued)

our senior note indebtedness. The credit facility agreement also has cross default provisions that apply to other indebtedness of Chesapeake and its restricted subsidiaries with an outstanding principal amount in excess of \$125 million.

The facility is fully and unconditionally guaranteed, on a joint and several basis, by Chesapeake and certain of our wholly owned subsidiaries.

### Midstream Credit Facility

Our \$300 million midstream syndicated revolving bank credit facility is used to fund capital expenditures to build natural gas gathering and other systems for our drilling program and for general corporate purposes associated with our midstream operations. Borrowings under the midstream credit facility are secured by all of the assets of the wholly owned subsidiaries (the restricted subsidiaries) of Chesapeake Midstream Development, L.P. (CMD), itself a wholly owned subsidiary of Chesapeake, and bear interest at our option at either (i) the greater of the reference rate of Wells Fargo Bank, National Association, the federal funds effective rate plus 0.50%, and the one-month LIBOR plus 1.00%, all of which are subject to a margin that varies from 1.75% to 2.25% per annum according to the most recent leverage ratio described below or (ii) the Eurodollar rate, which is based on the LIBOR plus a margin that varies from 2.75% to 3.25% per annum according to the most recent leverage ratio. The unused portion of the facility is subject to a commitment fee of 0.50% per annum. Interest is payable quarterly or, if LIBOR applies, it may be payable at more frequent intervals.

The midstream credit facility agreement contains various covenants and restrictive provisions which limit the ability of CMD and its restricted subsidiaries to incur additional indebtedness, make investments or loans and create liens. The agreement requires maintenance of a leverage ratio based on the ratio of indebtedness to EBITDA and an interest coverage ratio based on the ratio of EBITDA to interest expense, in each case as defined in the agreement. The leverage ratio increases during any three-quarter period, beginning in the quarter in which CMD makes a material disposition of assets to our master limited partnership midstream affiliate, Chesapeake Midstream Partners, L.P. As of December 21, 2010, the leverage ratio increased for a three fiscal quarter period beginning October 1, 2010 due to the sale of the Springridge gathering system as it was classified as a material disposition of assets. We were in compliance with all covenants under the agreement at December 31, 2010. If CMD or its restricted subsidiaries should fail to perform their obligations under these and other covenants, the revolving credit commitment could be terminated and any outstanding borrowings under the facility could be declared immediately due and payable. The midstream credit facility agreement also has cross default provisions that apply to other indebtedness CMD and its restricted subsidiaries may have with an outstanding principal amount in excess of \$15 million.

#### Other Financings

In 2009, we financed 113 real estate surface assets in the Barnett Shale area for approximately \$145 million and entered into a 40-year master lease agreement under which we agreed to lease the sites for approximately \$15 million to \$27 million annually. This lease transaction was recorded as a financing lease and the cash received was recorded with an offsetting long-term liability on the consolidated balance sheet. Chesapeake exercised its option to repurchase two of the assets in 2010. As of December 31, 2010, 111 assets were leased and the minimum aggregate undiscounted future lease payments were approximately \$828 million. This obligation is recorded in other long-term liabilities on our consolidated balance sheets.

In 2009, we financed our regional Barnett Shale headquarters building in Fort Worth, Texas for net proceeds of approximately \$54 million with a five-year term loan which has a floating rate of prime plus 275 basis points. At our option, we may prepay in full without penalty beginning in year four. The payment obligation is guaranteed by Chesapeake. This obligation is recorded in other long-term liabilities on our consolidated balance sheets.

### 4. Contingencies and Commitments

#### Litigation

On February 25, 2009, a putative class action was filed in the U.S. District Court for the Southern District of New York against the company and certain of its officers and directors along with certain underwriters of the

# NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

company's July 2008 common stock offering. Following the appointment of a lead plaintiff and counsel, the plaintiff filed an amended complaint on September 11, 2009 alleging that the registration statement for the offering contained material misstatements and omissions and seeking damages under Sections 11, 12 and 15 of the Securities Act of 1933 of an unspecified amount and rescission. The action was transferred to the U.S. District Court for the Western District of Oklahoma on October 13, 2009. The defendants' motion to dismiss was denied on September 2, 2010. A derivative action was also filed in the District Court of Oklahoma County, Oklahoma on March 10, 2009 against the company's directors and certain of its officers alleging breaches of fiduciary duties relating to the disclosure matters alleged in the securities case. The derivative action is stayed pursuant to stipulation. We are currently unable to assess the probability of loss or estimate a range of potential loss associated with the securities class action case, which is at an early stage.

Chesapeake is also involved in various other lawsuits and disputes incidental to its business operations, including commercial disputes, personal injury claims, claims for underpayment of royalties, property damage claims and contract actions. With regard to the latter, various mineral or leasehold owners have filed lawsuits against us seeking specific performance to require us to acquire their oil and natural gas interests and pay acreage bonus payments, damages based on breach of contract and/or, in certain cases, punitive damages based on alleged fraud. The company believes that it has substantial defenses to the claims made in these purchase and sale cases.

The company records an associated liability when a loss is probable and the amount is reasonably estimable. Although the outcome of litigation cannot be predicted with certainty, management is of the opinion that no pending or threatened lawsuit or dispute incidental to its business operations is likely to have a material adverse effect on the company's consolidated financial position, results of operations or cash flows. The final resolution of such matters could exceed amounts accrued, however, and actual results could differ materially from management's estimates.

### Environmental Risk

Due to the nature of the natural gas and oil business, Chesapeake and its subsidiaries are exposed to possible environmental risks. Chesapeake has implemented various policies and procedures to avoid environmental contamination and risks from environmental contamination. Chesapeake conducts periodic reviews, on a companywide basis, to identify changes in our environmental risk profile. These reviews evaluate whether there is a contingent liability, its amount, and the likelihood that the liability will be incurred. The amount of any potential liability is determined by considering, among other matters, incremental direct costs of any likely remediation and the proportionate cost of employees who are expected to devote a significant amount of time directly to any possible remediation effort. We manage our exposure to environmental liabilities on properties to be acquired by identifying existing problems and assessing the potential liability. Depending on the extent of an identified environmental problem, Chesapeake may exclude a property from the acquisition, require the seller to remediate the property to our satisfaction, or agree to assume liability for the remediation of the property. Chesapeake has historically not experienced any significant environmental liability and is not aware of any potential material environmental issues or claims at December 31, 2010. There are currently enforcement actions pending against us related to alleged methane migration in Pennsylvania and compliance with Clean Water Act permitting requirements in West Virginia. While these actions may result in monetary sanctions, we do not expect that they will have a material adverse effect on our operations.

#### **Rig Leases**

In a series of transactions since 2006, our drilling subsidiaries have sold 86 drilling rigs and related equipment for \$717 million and entered into a master lease agreement under which we agreed to lease the rigs from the buyer for initial terms of seven to ten years. The lease obligations are guaranteed by Chesapeake and certain of its subsidiaries. These transactions were recorded as sales and operating leasebacks and any related gain or loss is amortized to service operations expense over the lease term. Under the rig leases, we can exercise an early purchase option after five and one-half to seven years or on the expiration of the lease term for a purchase price equal to the then fair market value of the rigs. Additionally, in most cases we have the option to renew the rig lease for a negotiated renewal term at a periodic lease payment equal to the fair market rental value of the rigs as determined at the time of renewal.

# CHESAPEAKE ENERGY CORPORATION AND SUBSIDIARIES NOTES TO CONSOLIDATED FINANCIAL STATEMENTS – (Continued)

### Compressor Leases

Through various transactions since 2007, our compression subsidiary has sold 2,234 compressors, a significant portion of its existing compressor fleet, for \$517 million and entered into a master lease agreement. The term of the agreement varies by buyer ranging from four to ten years. The lease obligations are guaranteed by Chesapeake and certain of its subsidiaries. These transactions were recorded as sales and operating leasebacks and any related gain or loss is amortized to marketing, gathering and compression expenses over the lease term. Under the leases, we can exercise an early purchase option or we can purchase the compressors at expiration of the lease for the fair market value at the time. In addition, in most cases we have the option to renew the lease for negotiated new terms at the expiration of the lease. As of December 31, 2010, approximately 80 new compressors were on order for delivery in 2011 at a cost of approximately \$20 million. Our intent is to sell and lease back those compressors as they are delivered if acceptable leasing arrangements are available to us.

Future operating lease obligations related to rigs, compressors and other equipment or property are not recorded in the accompanying consolidated balance sheets. The aggregate undiscounted minimum future lease payments are presented below:

|            | December 31, 2010 |      |    |            |        |       |        |       |
|------------|-------------------|------|----|------------|--------|-------|--------|-------|
|            |                   | Rigs | Co | ompressors |        | Other |        | Total |
|            |                   |      |    | (\$ in m   | illior | is)   | ****** |       |
| 2011       | \$                | 101  | \$ | 61         | \$     | , 8   | \$     | 170   |
| 2012       |                   | 102  |    | 63         |        | 5     |        | 170   |
| 2013       |                   | 102  |    | 68         |        | 4     |        | 174   |
| 2014       |                   | 87   |    | 122        |        | 2     |        | 211   |
| 2015       |                   | 29   |    | 47         |        | 1     |        | 77    |
| After 2015 |                   | 45   |    | 68         |        | 1     |        | 114   |
| Total      | \$                | 466  | \$ | 429        | \$     | 21    | \$     | 916   |

Rent expense, including short-term rentals, for the years ended December 31, 2010, 2009 and 2008 was \$161 million, \$149 million and \$133 million, respectively.

### Transportation Contracts

Chesapeake has various "firm" pipeline transportation service agreements with expiration dates ranging from 2011 to 2099. These commitments are not recorded in the accompanying consolidated balance sheets. Under the terms of these contracts, we are obligated to pay demand charges as set forth in the transporter's Federal Energy Regulatory Commission (FERC) gas tariff. In exchange, the company receives rights to flow natural gas production through pipelines located in highly competitive markets. The aggregate undiscounted amounts of such required demand payments are presented below:

|            | December 31,<br>2010 |
|------------|----------------------|
|            | (\$ in millions)     |
| 2011       | \$ 353               |
| 2012       | 414                  |
| 2013       | 407                  |
| 2014       | 402                  |
| 2015       | 395                  |
| After 2015 | 2,453                |
| Total      | \$ 4,424             |

# NOTES TO CONSOLIDATED FINANCIAL STATEMENTS -- (Continued)

### **Drilling Contracts**

Currently, we have contracts with various drilling contractors to lease approximately 61 rigs with terms of four months to three years. These commitments are not recorded in the accompanying consolidated balance sheets. The aggregate undiscounted minimum future commitments are presented below:

|       |   | December 31,<br>2010 |
|-------|---|----------------------|
|       | - | (\$ in millions)     |
| 2011  |   | \$ 196               |
| 2012  |   | 35                   |
| 2013  |   | 18                   |
| Total |   | \$ 249               |
|       |   |                      |

#### Natural Gas and Oil Purchase Obligations

Our marketing segment regularly commits to purchase natural gas from other owners in our properties and such commitments typically are short-term in nature. We have also committed to purchase any natural gas and oil associated with certain volumetric production payment transactions. The purchase commitments are based on market prices at the time of production, and the purchased natural gas and oil is resold.

### Minimum Volume Commitments

We are a party to two gas gathering agreements with a subsidiary of Chesapeake Midstream Partners, L.P. (see Note 12), pursuant to which we have committed to deliver annually specified minimum volumes of natural gas. At the end of the term or annually, Chesapeake will be invoiced for any shortfalls in such volume deliveries at the rate specified in the agreement. Volume commitments remaining under the agreement relating to our Barnett Shale production as of December 31, 2010 were as follows:

|                           | Bcf   |
|---------------------------|-------|
| 2011                      | 313   |
| 2012                      | 325   |
| 2013                      | 338   |
| 2014                      | 351   |
| 2015                      | 365   |
| After 2015 <sup>(a)</sup> | 1,321 |
| Total                     | 3,013 |

(a) Final commitment period is for the six months ending June 30, 2019.

Volume commitments remaining under the agreement relating to our Haynesville Shale production as of December 31, 2010 were as follows:

|       | Bcf |
|-------|-----|
| 2011  | 104 |
| 2012  | 118 |
| 2013  | 135 |
| Total | 357 |

In addition, Chesapeake has entered into commitments to deliver approximately 2.56 tcf through December 2023 to third-party midstream companies.

### Net Acreage Maintenance Commitments

Under the terms of our industry participation agreements with our partners (Statoil, Total and CNOOC), we are required to extend, renew or replace certain expiring joint leasehold, at our cost, to ensure that the net acreage is maintained in certain designated areas.

### Other Commitments

As of December 31, 2010, we had commitments to acquire additional proved and unproved properties in various transactions during the next twelve months for approximately \$350 million.

# NOTES TO CONSOLIDATED FINANCIAL STATEMENTS – (Continued)

# 5. Income Taxes

The components of the income "tax provision (benefit) for each of the periods presented below are as follows:

|          |                  | r 31, |    |         |    |      |  |      |  |      |  |           |  |           |  |           |  |           |  |           |  |           |  |           |  |         |  |      |  |      |  |      |
|----------|------------------|-------|----|---------|----|------|--|------|--|------|--|-----------|--|-----------|--|-----------|--|-----------|--|-----------|--|-----------|--|-----------|--|---------|--|------|--|------|--|------|
|          |                  | 2010  |    | 2010    |    | 2010 |  | 2010 |  | 2010 |  | 2010 2009 |  | 2010 2009 |  | 2010 2009 |  | 2010 2009 |  | 2010 2009 |  | 2010 2009 |  | 2010 2009 |  | 10 2009 |  | 2009 |  | 2009 |  | 2008 |
|          | (\$ in millions) |       |    |         | ;) |      |  |      |  |      |  |           |  |           |  |           |  |           |  |           |  |           |  |           |  |         |  |      |  |      |  |      |
| Current  | \$               |       | \$ | 4       | \$ | 423  |  |      |  |      |  |           |  |           |  |           |  |           |  |           |  |           |  |           |  |         |  |      |  |      |  |      |
| Deferred |                  |       |    |         |    | (36) |  |      |  |      |  |           |  |           |  |           |  |           |  |           |  |           |  |           |  |         |  |      |  |      |  |      |
| Total    | \$               | 1,110 | \$ | (3,483) | \$ | 387  |  |      |  |      |  |           |  |           |  |           |  |           |  |           |  |           |  |           |  |         |  |      |  |      |  |      |
|          |                  |       |    |         |    |      |  |      |  |      |  |           |  |           |  |           |  |           |  |           |  |           |  |           |  |         |  |      |  |      |  |      |

The effective income tax expense (benefit) differed from the computed "expected" federal income tax expense on earnings before income taxes for the following reasons:

|  | `  | Years Ended December 31, |    |         |    |      |  |      |  |      |  |      |  |      |  |      |  |      |  |        |  |      |  |      |  |      |  |      |  |      |  |      |  |      |  |      |  |      |  |      |   |     |
|--|----|--------------------------|----|---------|----|------|--|------|--|------|--|------|--|------|--|------|--|------|--|--------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|---|-----|
|  |    | 2010 20                  |    | 2010    |    | 2010 |  | 2010 |  | 2010 |  | 2010 |  | 2010 |  | 2010 |  | 2010 |  | 2010 2 |  | 2010 |  | 2010 |  | 2010 |  | 2010 |  | 2010 |  | 2010 |  | 2010 |  | 2010 |  | 2010 |  | 2009 | 2 | 008 |
|  |    | (\$ in millions)         |    |         |    |      |  |      |  |      |  |      |  |      |  |      |  |      |  |        |  |      |  |      |  |      |  |      |  |      |  |      |  |      |  |      |  |      |  |      |   |     |
| Income tax expense (benefit) at the federal statutory rate (35%) | \$ | 1,009                    | \$ | (3,251) | \$ | 347  |  |      |  |      |  |      |  |      |  |      |  |      |  |        |  |      |  |      |  |      |  |      |  |      |  |      |  |      |  |      |  |      |  |      |   |     |
| State income taxes (net of federal income tax benefit)           |    | 78                       |    | (275)   |    | 24   |  |      |  |      |  |      |  |      |  |      |  |      |  |        |  |      |  |      |  |      |  |      |  |      |  |      |  |      |  |      |  |      |  |      |   |     |
| Other  |    | 23                       |    | 43      |    | 16   |  |      |  |      |  |      |  |      |  |      |  |      |  |        |  |      |  |      |  |      |  |      |  |      |  |      |  |      |  |      |  |      |  |      |   |     |
| Total  | \$ | 1,110                    | \$ | (3,483) | \$ | 387  |  |      |  |      |  |      |  |      |  |      |  |      |  |        |  |      |  |      |  |      |  |      |  |      |  |      |  |      |  |      |  |      |  |      |   |     |

Deferred income taxes are provided to reflect temporary differences in the basis of net assets for income tax and financial reporting purposes. The tax-effected temporary differences and tax loss carryforwards which comprise deferred taxes are as follows:

|  | Years Ended December 3 |   |    |   |  |
|--|------------------------|---|----|---|--|
|  |                        | 2010  |    | 2009  |  |
| Deferred tax liabilities:  |                        | )   |    |   |  |
| Natural gas and oil properties         Other property and equipment         Derivative instruments         Volumetric production payments         Contingent convertible debt         Other  | \$                     | (2,074)<br>(184)<br>(1,394)<br>(493)<br>—               | \$ | (96)<br>(184)<br>(265)<br>(937)<br>(464)<br>(8) |  |
| Deferred tax liabilities   |                        | (4,145)   |    | (1,954)   |  |
| Deferred tax assets:<br>Net operating loss carryforwards .<br>Derivative instruments .<br>Asset retirement obligation .<br>Investments .<br>Deferred stock compensation .<br>Accrued liabilities .<br>Alternative minimum tax credits .<br>Oklahoma statutory depletion .<br>Other . |                        | 1,386<br>115<br>114<br>40<br>84<br>25<br>11<br>93<br>32 |    | 592<br>107<br>32<br>57<br>22<br>25<br>84        |  |
| Deferred tax assets  |                        | 1,900   |    | 919   |  |
| Total deferred tax asset (liability)   | \$                     | (2,245) <sup>(a)</sup>                                  | \$ | (1,035)   |  |
| Reflected in accompanying balance sheets as:<br>Current deferred income tax asset<br>Non-current deferred income tax liability<br>Total  | \$                     | 139<br>(2,384)<br>(2,245)                               | \$ | 24<br>(1,059)<br>(1,035)                        |  |

### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

(a) In addition to the income tax expense of \$1.110 billion, activity during 2010 includes an increase to deferred tax liabilities of \$13 million related to stock-based compensation and a decrease to deferred tax liabilities for deferred tax assets of \$161 million related to derivative instruments, \$3 million related to investments and \$89 million related to the cumulative effect of an accounting change. These items were not recorded as part of the provision for income taxes. In addition, the activity includes an increase to deferred tax liabilities of \$240 million related to federal and state income tax refunds, \$13 million related to alternative minimum tax credits used and \$87 million related to uncertain tax positions.

As of December 31, 2010, we classified \$139 million of deferred tax assets as current that were attributable to net operating losses expected to be utilized in 2011, which was offset by current temporary differences associated with derivative assets and other items. As of December 31, 2009, we classified \$24 million of deferred tax assets as current that were attributable to net operating losses expected to be utilized during 2010, which were offset by current temporary differences associated with derivative assets and other items.

At December 31, 2010, Chesapeake had federal income tax net operating loss (NOL) carryforwards of approximately \$3.674 billion. Additionally, we had \$2.642 billion of alternative minimum tax (AMT) NOL carryforwards available as a deduction against future AMT income. The NOL carryforwards expire from 2019 through 2030. The value of these carryforwards depends on the ability of Chesapeake to generate taxable income.

The ability of Chesapeake to utilize NOL carryforwards to reduce future federal taxable income and federal income tax of Chesapeake is subject to various limitations under the Internal Revenue Code of 1986, as amended. The utilization of such carryforwards may be limited upon the occurrence of certain ownership changes, including the issuance or exercise of rights to acquire stock, the purchase or sale of stock by 5% stockholders, as defined in the Treasury regulations, and the offering of stock by us during any three-year period resulting in an aggregate change of more than 50% in the beneficial ownership of Chesapeake.

In the event of an ownership change (as defined for income tax purposes), Section 382 of the Code imposes an annual limitation on the amount of a corporation's taxable income that can be offset by these carryforwards. The limitation is generally equal to the product of (i) the fair market value of the equity of the company multiplied by (ii) a percentage approximately equivalent to the yield on long-term tax exempt bonds during the month in which an ownership change occurs. In addition, the limitation is increased if there are recognized built-in gains during any post-change year, but only to the extent of any net unrealized built-in gains (as defined in the Code) inherent in the assets sold. Certain NOLs acquired through various acquisitions are also subject to limitations.

The following table summarizes our net operating losses as of December 31, 2010 and any related limitations:

|                        | Total |       | Total Limited |           | Annual<br>Limitation |   |  |
|------------------------|-------|-------|---------------|-----------|----------------------|---|--|
|                        |       |       | (\$ in        | millions) |                      |   |  |
| Net operating loss     | \$    | 3,674 | \$            | 1         | \$                   | 1 |  |
| AMT net operating loss | -     | 2,642 | \$            | 1         | \$                   | 1 |  |

As of December 31, 2010, we do not believe that an ownership change has occurred. Future equity transactions by Chesapeake or by 5% stockholders (including relatively small transactions and transactions beyond our control) could cause an ownership change and therefore a limitation on the annual utilization of NOLs.

Accounting guidance for recognizing and measuring uncertain tax positions prescribes a threshold condition that a tax position must meet for any of the benefit of the uncertain tax position to be recognized in the financial statements. Guidance is also provided regarding de-recognition, classification and disclosure of these uncertain tax positions. As of December 31, 2010, the amount of unrecognized tax benefits related to AMT associated with uncertain tax positions was \$34 million. As of December 31, 2009, the amount of

# NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

unrecognized tax benefits related to regular tax liabilities and AMT associated with uncertain tax positions was \$231 million. Of this amount, \$87 million was related to regular tax liabilities and \$144 million was related to AMT. If these unrecognized tax benefits are disallowed and we are required to pay additional AMT liabilities, any payments can be utilized as credits against future regular tax liabilities. The uncertain tax positions identified would not have a material effect on the effective tax rate. At December 31, 2010, we had an accrued liability of \$8 million for interest related to these uncertain tax positions. Chesapeake recognizes interest related to uncertain tax positions would be recorded in other expenses.

A reconciliation of the beginning and ending balances of unrecognized tax benefits is as follows:

|  | 2010 |       | 2009   |             | 2008 |       |
|--|------|-------|--------|-------------|------|-------|
|  |      |       | (\$ iı | n millions) |      |       |
| Unrecognized tax benefits at beginning of period             | \$   | 231   | \$     | 60          | \$   | 133   |
| Additions based on tax positions related to the current year |      |       |        | 171         |      | 48    |
| Reductions for tax positions of prior years                  |      | (197) | )      | _           |      | (120) |
| Settlements  |      |       |        |             |      | (1)   |
| Unrecognized tax benefits at end of period                   | \$   | 34    | \$     | 231         | \$   | 60    |

Chesapeake files income tax returns in the U.S. federal jurisdiction and various state and local jurisdictions. With few exceptions, Chesapeake is no longer subject to U.S. federal, state and local income tax examinations by tax authorities for years prior to 2007. The Internal Revenue Service (IRS) is currently examining Chesapeake's 2007, 2008 and 2009 U.S. income tax returns.

## 6. Related Party Transactions

#### Chief Executive Officer

As of December 31, 2010, we had accrued accounts receivable from our Chief Executive Officer, Aubrey K. McClendon, of \$30 million representing joint interest billings from December 2010 which were invoiced and timely paid in January 2011. Since Chesapeake was founded in 1989, Mr. McClendon has acquired working interests in virtually all of our natural gas and oil properties by participating in our drilling activities under the terms of the Founder Well Participation Program (FWPP) and predecessor participation arrangements provided for in Mr. McClendon's employment agreements. Under the FWPP, approved by our shareholders in June 2005, Mr. McClendon may elect to participate in all or none of the wells drilled by or on behalf of Chesapeake during a calendar year, but he is not allowed to participate only in selected wells. A participation election is required to be received by the Compensation Committee of Chesapeake's Board of Directors not less than 30 days prior to the start of each calendar year. His participation to a maximum working interest of 2.5% in a well and prohibits participation in situations where Chesapeake's working interest would be reduced below 12.5% as a result of his participation. In addition, the company is reimbursed for costs associated with leasehold acquired by Mr. McClendon as a result of his well participation.

On December 31, 2008, we entered into a new five-year employment agreement with Mr. McClendon that contained a one-time well cost incentive award to him. The total cost of the award to Chesapeake was \$75 million plus employment taxes in the amount of approximately \$1 million. We are recognizing the incentive award as general and administrative expense over the five-year vesting period for the clawback described below, resulting in an expense of approximately \$15 million per year beginning in 2009. In addition to state and federal income tax withholding, similar employment taxes were imposed on Mr. McClendon and withheld from the award. The net incentive award of approximately \$44 million was fully applied against costs attributable to interests in company wells acquired by Mr. McClendon or his affiliates under the FWPP. The incentive award is subject to a clawback equal to any unvested portion of the award if during the initial five-year term of the employment agreement, Mr. McClendon resigns from the company or is terminated for cause by the company.

### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

### Other Related Parties

During 2010, our 42%-owned affiliate, Chesapeake Midstream Partners, L.P. (CHKM), provided us natural gas gathering and treating services in the ordinary course of business. In addition, there are agreements in place whereby we support CHKM in various functions for which we are reimbursed. During 2010, our transactions with CHKM included the following:

|   | Year Ended<br>December 31, 2010 |                  |
|---|---------------------------------|------------------|
|   |                                 | (\$ in millions) |
| Amounts paid to CHKM:<br>Gas gathering fees       | \$                              | 378              |
| Amounts received from CHKM:<br>Compressor rentals |                                 | 48               |
| Inventory purchases                               |                                 | 47               |
| Other services provided <sup>(a)</sup>            |                                 | 73               |
| Total amounts received from CHKM                  | \$                              | 168              |

(a) Includes amounts received related to the General and Administrative Services and Reimbursement Agreement, the Employee Secondment Agreement, the Shared Services Agreement and the Additional Services and Reimbursement Agreement agreed to at the formation of the joint venture.

As of December 31, 2010, we had a net payable to CHKM of \$45 million.

During 2010 and 2009, our 26%-owned affiliate, Frac Tech Holdings, LLC, provided us hydraulic fracturing and other services in the ordinary course of business. During 2010 and 2009, we paid Frac Tech \$89 million and \$43 million, respectively, for these services. As of December 31, 2010 and 2009 we had \$30 million and \$8 million, respectively, due Frac Tech for services provided and not yet paid.

### 7. Employee Benefit Plans

Our qualified 401(k) profit sharing plan (401(k) Plan) is the Chesapeake Energy Corporation Savings and Incentive Stock Bonus Plan, which is open to employees of Chesapeake and all our subsidiaries except certain employees of Chesapeake Appalachia, L.L.C. Eligible employees may elect to defer compensation through voluntary contributions to their 401(k) Plan accounts, subject to plan limits and those set by the Internal Revenue Service. Chesapeake matches employee contributions dollar for dollar (subject to a maximum contribution of 15% of an employee's annual salary and bonus compensation) with Chesapeake common stock purchased in the open market. The company contributed \$54 million, \$48 million and \$40 million to the 401(k) Plan in 2010, 2009 and 2008, respectively.

Chesapeake also maintains a nonqualified deferred compensation plan, the Chesapeake Energy Corporation Amended and Restated Deferred Compensation Plan (DC Plan). Prior to 2009, to be eligible to participate in the DC Plan, an employee must have received annual compensation (base salary and bonus combined in the prior 12 months) of at least \$100,000, had a minimum of one year of service as a company employee and have made the maximum contribution allowable under the 401(k) Plan. For employees with at least five years of service as a company employee, the company matched employee contributions to the plan in Chesapeake common stock. On January 1, 2009, the plan was amended to allow for participation for any employees who received compensation (base salary only) of at least \$150,000 and had an employment agreement with the company. In addition, in 2009 and 2010 the company matched employee contributions with Chesapeake common stock once the employee had at least three years of service as a company employee. Chesapeake matches 100% of employee contributions up to 15% of base salary and bonus in the aggregate for the DC Plan. In 2011, the company began matching contributions immediately upon an employee's participation in the DC Plan. The maximum compensation that can be deferred by employees under all company deferred compensation plans, including the Chesapeake 401(k) plan, is a total of 75% of base salary and 100% of performance bonus. We contributed \$9 million, \$7 million and \$6 million to the DC Plan during

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS – (Continued)

2010, 2009 and 2008, respectively, to fund the match. The company's non-employee directors are able to defer up to 100% of director fees into the DC Plan.

Any assets placed in trust by Chesapeake to fund future obligations of the company's nonqualified deferred compensation plans are subject to the claims of creditors in the event of insolvency or bankruptcy, and participants are general creditors of the company as to their deferred compensation in the plans.

Chesapeake maintains no post-employment benefit plans except those sponsored by its wholly owned subsidiary, Chesapeake Appalachia, L.L.C. Participation in these plans is limited to existing employees who are union members and former employees who were union members. The Chesapeake Appalachia, L.L.C. benefit plans provide health care and life insurance benefits to eligible employees upon retirement. We account for these benefits on an accrual basis. As of December 31, 2010, the company had accrued approximately \$2 million in accumulated post-employment benefit liability.

### 8. Stockholders' Equity and Stock-Based Compensation Plans

### Common Stock

The following is a summary of the changes in our common shares outstanding for 2010, 2009 and 2008:

|   | Years Ended December 31, |         |         |
|---|--------------------------|---------|---------|
|   | 2010                     | 2009    | 2008    |
|   | (in thousands)           |         |         |
| Shares issued at January 1                                  | 648,549                  | 607,953 | 511,648 |
| Convertible note exchanges                                  | 299                      | 10,210  | 23,913  |
| Preferred stock conversions/exchanges                       | 21                       | 1,422   | 12,673  |
| Restricted stock issuances (net of forfeitures)             | 5,924                    | 3,633   | 4,708   |
| Stock option exercises                                      | 458                      | 508     | 1,584   |
| Common stock issued for the purchase of proved and unproved |                          |         |         |
| properties  |                          | 24,823  | 1,677   |
| Common stock issuances for cash                             |                          |         | 51,750  |
| Shares issued at December 31                                | 655,251                  | 648,549 | 607,953 |

In 2009 and 2008, we issued 24,822,832 and 1,677,000 shares of common stock, valued at \$429 million and \$34 million, respectively, for the purchase of proved and unproved properties pursuant to an acquisition shelf registration statement.

In 2010, 2009 and 2008, holders of certain of our contingent convertible senior notes exchanged their notes for shares of common stock in privately negotiated exchanges as summarized below:

| Year | Contingent Convertible<br>Senior Notes             | Principal Amount |                   |                         |  |  |  |
|------|--|------------------|-------------------|-------------------------|--|--|--|
| 2010 | 2.25% due 2038                                     | (\$ in ı<br>\$   | nillions)<br>11   | (in thousands)<br>299   |  |  |  |
| 2009 | 2.25% due 2038                                     | \$               | 364               | 10,210                  |  |  |  |
| 2008 | 2.75% due 2035<br>2.50% due 2037<br>2.25% due 2038 | \$               | 239<br>272<br>254 | 8,841<br>8,417<br>6,655 |  |  |  |
|      |  | \$               | 765               | 23,913                  |  |  |  |

The difference between the allocated debt value of the notes that were exchanged and the fair value of the common stock issued resulted in a gain (loss) of (\$2) million, (\$40) million and \$27 million, including deferred charges associated with the exchanges, on the cancellation of indebtedness for the years ended December 31, 2010, 2009 and 2008, respectively.

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS – (Continued)

## Preferred Stock

Following is a summary of our preferred stock, including the primary conversion terms as of December 31, 2010:

| Preferred Stock Series                                   | Issue Date           | Liquidation<br>Preference<br>per Share | Holder's<br>Conversion<br>Right | Conversion<br>Rate | Conversion<br>Price | Company's<br>Conversion<br>Right From | Company's<br>Market<br>Conversion<br>Trigger <sup>(a)</sup> |
|--|----------------------|--|---------------------------------|--------------------|---------------------|---------------------------------------|---|
| 5.75% cumulative<br>convertible<br>non-voting            | May and<br>June 2010 | \$1,000                                | Any time                        | 37.0370            | \$ 27.0000          | May<br>17,<br>2015                    | \$ 35.1000  |
| 5.75% (series A)<br>cumulative convertible<br>non-voting | May<br>2010          | \$1,000                                | Any time                        | 35.7961            | \$ 27.9360          | May<br>17,<br>2015                    | \$ 36.3168  |
| 4.50% cumulative convertible                             | September<br>2005    | \$ 100                                 | Any time                        | 2.2727             | \$ 43.9998          | September<br>15,<br>2010              | \$ 57.1997  |
| 5.00% cumulative<br>convertible<br>(series 2005B)        | November<br>2005     | \$ 100                                 | Any time                        | 2.5707             | \$ 38.8993          | November<br>15,<br>2010               | \$ 50.5691  |

(a) Convertible at the company's option if the trading price of the company's common stock equals or exceeds the trigger price for a specified time period or after the conversion date indicated if there are less than 250,000 shares of 4.50% or 5.00% (series 2005B) preferred stock outstanding or 25,000 shares of 5.75% or 5.75% (series A) preferred stock outstanding.

The following is a summary of the changes in our preferred shares outstanding for 2010, 2009 and 2008:

|   | 5.75%     | 5.75%(A) | 4.50%  | 5.00%<br>(2005B) | 5.00%<br>(2005) | 6.25% | 4.125% |
|---|-----------|----------|--------|------------------|-----------------|-------|--------|
|   |           |          | (in th | nousands)        |                 |       |        |
| Shares outstanding at<br>January 1, 2010<br>Preferred stock issuances<br>Conversion/exchange of | <br>1,500 | 1,100    | 2,559  | 2,096            | 5               | _     |        |
| preferred for common stock  |           |          |        |                  | (5)             |       |        |
| Shares outstanding at December 31, 2010   | 1,500     | 1,100    | 2,559  | 2,096            |                 |       |        |
| Shares outstanding at<br>January 1, 2009<br>Conversion/exchange of<br>preferred for common      |           |          | 2,559  | 2,096            | 5               | 144   | 3      |
| stock   |           |          |        |                  |                 | (144) | (3)    |
| Shares outstanding at December 31, 2009   |           |          | 2,559  | 2,096            | 5               |       |        |
| Shares outstanding at<br>January 1, 2008<br>Conversion/exchange of                              |           |          | 3,450  | 5,750            | 5               | 144   | 3      |
| preferred for common stock  | _         |          | (891)  | (3,654)          |                 |       |        |
| Shares outstanding at December 31, 2008   |           |          | 2,559  | 2,096            | 5               | 144   | 3      |

| Cumulative<br>Convertible<br>Preferred<br>Stock | Number<br>of<br>Preferred Shares  | Number of<br>Common Shares<br>Issued   | Type<br>of<br>Transaction   |
|---|---|--|---|
|   | (in tho   | usands)  |   |
| 5.0% (series 2005)                              | 5   | 21   | Conversion  |
| 6.25%   | 144   | 1,239  | Conversion  |
| 4.125%  | 3   | 183  | Conversion  |
|   |   | 1,422  |   |
| 5.0% (series 2005B)                             | 3,654   | 10,443   | Exchange  |
| <b>4</b> .5%                                    | 891   | 2,228  | Exchange  |
| 4.125%  | (a)   | 2  | Conversion  |
|   |   | 12,673   |   |
|   | Convertible<br>Preferred<br>Stock<br>5.0% (series 2005)<br>6.25%<br>4.125%<br>5.0% (series 2005B)<br>4.5% | Convertible<br>Preferred<br>StockNumber<br>of<br>Preferred Shares5.0% (series 2005)56.25%1444.125%35.0% (series 2005B)3,6544.5%891 | Convertible<br>Preferred<br>Stock         Number<br>of<br>Preferred Shares         Number<br>Common Shares<br>Issued           5.0% (series 2005)         5         21           6.25%         144         1,239           4.125%         3         183           5.0% (series 2005B)         3,654         10,443           4.5%         891         2,228           4.125%        (a)         2 |

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS – (Continued)

converted into shares of common stock as summarized below:

In 2010, 2009 and 2008, shares of our cumulative convertible preferred stock were exchanged for or

## (a) Nominal amount.

In connection with the exchanges and conversions noted above, we recorded a loss of \$67 million in 2008. There were no losses in 2010 and 2009. In general, the loss is equal to the excess of the fair value of all preferred stock exchanged over the fair value of the common stock issuable pursuant to the original terms of the preferred stock.

#### Dividends

Dividends declared on our common stock and preferred stock are reflected as adjustments to retained earnings to the extent a surplus of retained earnings will exist after giving effect to the dividends. To the extent retained earnings are insufficient to fund the distributions, such payments constitute a return of contributed capital rather than earnings and are accounted for as a reduction to paid-in capital.

Dividends on our outstanding preferred stock are payable quarterly in cash, common stock or a combination thereof.

#### Stock-Based Compensation Plans

Under Chesapeake's Long Term Incentive Plan, restricted stock, stock options, stock appreciation rights, performance shares and other stock awards may be awarded to employees, directors and consultants of Chesapeake. Subject to any adjustments as provided by the plan, the aggregate number of shares of common stock available for awards under the plan may not exceed 37,500,000 shares. The maximum period for exercise of an option or stock appreciation right may not be more than ten years from the date of grant and the exercise price may not be less than the fair market value of the shares underlying the option or stock appreciation right on the date of grant. Awards granted under the plan become vested at specified dates or upon the satisfaction of certain performance or other criteria determined by a committee of the Board of Directors. No awards may be granted under this plan after September 30, 2014. This plan has been approved by our shareholders. There were 87,500 shares of restricted stock issued to our non-employee directors from this plan in each of 2010, 2009 and 2008. Additionally, there were 5.8 million, 4.0 million and 4.5 million restricted shares issued, net of forfeitures, to employees and consultants during 2010, 2009 and 2008, respectively, from this plan. As of December 31, 2010, there were 8.2 million shares remaining available for issuance under the plan.

Under Chesapeake's 2003 Stock Incentive Plan, restricted stock and incentive and nonqualified stock options to purchase our common stock may be awarded to employees and consultants of Chesapeake. Subject to any adjustments as provided by the plan, the aggregate number of shares available for awards under the plan may not exceed 10,000,000 shares. The maximum period for exercise of an option may not be more than ten years from the date of grant and the exercise price may not be less than the fair market value of

### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS – (Continued)

the shares underlying the option on the date of grant. Restricted stock and options granted become vested at dates determined by a committee of the Board of Directors. No awards may be granted under this plan after April 14, 2013. This plan has been approved by our shareholders. There were 0.1 million, (0.4) million and 0.2 million restricted shares, net of forfeitures, issued during 2010, 2009 and 2008, respectively, from this plan. As of December 31, 2010, there were 0.5 million shares remaining available for issuance under the plan.

Under Chesapeake's 2003 Stock Award Plan for Non-Employee Directors, 10,000 shares of Chesapeake's common stock are awarded to each newly appointed non-employee director on his or her first day of service. Subject to any adjustments as provided by the plan, the aggregate number of shares which may be issued may not exceed 100,000 shares. This plan has been approved by our shareholders. In each of 2010 and 2009, 10,000 shares of common stock were awarded to new directors from this plan. As of December 31, 2010, there were 40,000 shares remaining available for issuance under this plan.

In addition to the plans described above, we have stock options outstanding to employees under a number of employee stock option plans which are described below. All outstanding options under these plans were at-the-money when granted, with an exercise price equal to the closing price of our common stock on the date of grant and have a ten-year exercise period. These plans were terminated in prior years and therefore no shares remain available for stock option grants under the plans.

| Name of Plan                                     | Eligible<br>Participants     | Type<br>of<br>Options      | Shares<br>Covered        | Shareholder<br>Approved | Outstanding<br>Options at<br>December 31, 2010 |
|--|------------------------------|----------------------------|--------------------------|-------------------------|--|
| 2002 and 2001<br>Stock Option Plans              | Employees<br>and consultants | Incentive and nonqualified | 3,000,000/<br>3,200,000  | Yes                     | 499,263  |
| 2002 and 2001 Nonqualified<br>Stock Option Plans | Employees and consultants    | Nonqualified               | 4,000,000/<br>3,000,000  | No                      | 807,865  |
| 2000 and 1999 Employee<br>Stock Option Plans     | Employees<br>and consultants | Nonqualified               | 3,000,000<br>(each plan) | No                      | 61,675   |
| 1996 and 1994<br>Stock Option Plans              | Employees<br>and consultants | Incentive and nonqualified | 6,000,000/<br>4,886,910  | Yes                     | 37,033   |

#### Restricted Stock

Chesapeake began issuing shares of restricted common stock to employees in January 2004 and to non-employee directors in July 2005. The fair value of the awards issued is determined based on the fair market value of the shares on the date of grant. This value is amortized over the vesting period, which is generally four years from the date of grant for employees and three years for non-employee directors. To the extent amortization of compensation cost relates to employees directly involved in acquisition, exploration and development activities, such amounts are capitalized to natural gas and oil properties. Amounts not capitalized

#### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS – (Continued)

to natural gas and oil properties are recognized in general and administrative expenses, production expenses, marketing, gathering and compression expenses or service operations expense. Note 1 details the accounting for our stock-based compensation expense in 2010, 2009 and 2008.

A summary of the status of the unvested shares of restricted stock and changes during 2010, 2009 and 2008 is presented below:

|   | Number of<br>Unvested<br>Restricted Shares | Weighted Averag<br>Grant-Date<br>Fair Value | je             |
|---|--|---|----------------|
|   | (in thousands)                             |   |                |
| Unvested shares as of January 1, 2010   | 19,225                                     | \$ 31.8                                     | 39             |
| Granted                                 | 9,061                                      | \$ 24.1                                     | 9              |
| Vested                                  | (5,900)                                    | \$ 31.9                                     | 99             |
| Forfeited                               | (1,011)                                    | \$ 30.0                                     | )5             |
| Unvested shares as of December 31, 2010 | 21,375                                     | \$ 28.6                                     | 38             |
| Unvested shares as of January 1, 2009   | 21,622                                     | \$ 38.8                                     | 35             |
| Granted                                 | 8,019                                      | \$ 18.6                                     | 35             |
| Vested                                  | (9,214)                                    | \$ 36.3                                     | 38             |
| Forfeited                               | (1,202)                                    | \$ 34.4                                     | <del>1</del> 6 |
| Unvested shares as of December 31, 2009 | 19,225                                     | \$ 31.8                                     | 39             |
| Unvested shares as of January 1, 2008   | 19,689                                     | \$ 32.4                                     | 12             |
| Granted                                 | 6,800                                      | \$ 51.1                                     | 14             |
| Vested                                  | (3,942)                                    | \$ 28.2                                     | 27             |
| Forfeited                               | (925)                                      | \$ 37.3                                     | 33             |
| Unvested shares as of December 31, 2008 | 21,622                                     | \$ 38.6                                     | 35             |

The aggregate intrinsic value of restricted stock vested during 2010 was approximately \$136 million based on the stock price at the time of vesting.

As of December 31, 2010, there was \$364 million of total unrecognized compensation cost related to unvested restricted stock. The cost is expected to be recognized over a weighted average period of approximately 2 years.

The vesting of certain restricted stock grants could result in state and federal income tax benefits related to the difference between the market price of the common stock at the date of vesting and the date of grant. During the years ended December 31, 2010 and 2009, we recognized a reduction in tax benefits related to restricted stock of \$15 million and \$49 million, respectively. During the year ended December 31, 2008, we recognized an excess tax benefit related to restricted stock of \$28 million. These amounts were recorded as an adjustment to additional paid-in capital and deferred income taxes with respect to such benefits.

#### Stock Options

We granted stock options prior to 2006 under several stock compensation plans. Outstanding options expire ten years from the date of grant and vested over a four-year period. All of our stock options outstanding are fully vested and exercisable.

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

The following table provides information related to stock option activity for 2010, 2009 and 2008:

|                                     | Shares Average<br>Underlying Exercise Price<br>Options Per Share L |    | Average Average<br>Exercise Price Contract |      |     | oggregate<br>Intrinsic<br>Value <sup>(a)</sup> |
|-------------------------------------|--|----|--|------|-----|--|
|                                     | (in thousands)   |    |  |      | (\$ | in millions)                                   |
| Outstanding at January 1, 2010      | 2,283  | \$ | 8.36                                       |      |     |  |
| Exercised                           | (475)  |    | 6.29                                       |      | \$  | 8  |
| Forfeited / Canceled                |  |    |  |      |     |  |
| Outstanding and exercisable at      |  |    |  |      |     |  |
| December 31, 2010                   | 1,808  | \$ | 8.90                                       | 2.03 | \$  | 31   |
| Shares authorized for future grants |  |    |  |      |     |  |
| Outstanding at January 1, 2009      | 2,802  | \$ | 8.13                                       |      |     |  |
| Exercised                           | (508)  |    | 7.12                                       |      | \$  | 8  |
| Forfeited / Canceled                | <b>(</b> 11)   |    | 6.47                                       |      |     |  |
| Outstanding and exercisable at      |  |    |  |      |     |  |
| December 31, 2009                   | 2,283  | \$ | 8.36                                       | 2.75 | \$  | 40   |
| Shares authorized for future grants |  |    |  |      |     |  |
| Outstanding at January 1, 2008      | 4,445  | \$ | 7.55                                       |      |     |  |
| Exercised                           |  |    | 6.54                                       |      | \$  | 66   |
| Forfeited / Canceled                | (4)  |    | 15.26                                      |      |     |  |
| Outstanding and exercisable at      | <u></u>  |    |  |      |     |  |
| December 31, 2008                   | 2,802  | \$ | 8.13                                       | 3.59 | \$  | 23   |
| Shares authorized for future grants | 5,763  |    |  |      |     |  |

(a) The intrinsic value of a stock option is the amount by which the current market value or the market value upon exercise of the underlying stock exceeds the exercise price of the option.

As of December 31, 2010, there was no remaining unrecognized compensation cost related to unvested stock options.

During the years ended December 31, 2010, 2009 and 2008, we recognized excess tax benefits related to stock options of \$2 million, \$1 million and \$15 million, respectively, which were recorded as adjustments to additional paid-in capital and deferred income taxes with respect to such benefits.

The following table summarizes information about stock options outstanding and exercisable at December 31, 2010:

| Ra<br>Exerc | inge<br>ise l | 5           | Number<br>of Options | Weighted-Avg.<br>Remaining<br>Contractual Life<br>in Years | nted-Avg.<br>sise Price |
|-------------|---------------|-------------|----------------------|--|-------------------------|
|             |               |             | (in thousands)       |  |                         |
| \$<br>5.20  | -             | \$<br>5.20  | 226                  | 1.56   | \$<br>5.20              |
| 5.35        | _             | 5.85        | 32                   | 1.26   | 5.47                    |
| 6.11        |               | 6.11        | 358                  | 0.82   | 6.11                    |
| 6.40        | _             | 7.74        | 64                   | 1.25   | 6.87                    |
| 7.80        | _             | 7.80        | 325                  | 2.02   | 7.80                    |
| 7.86        | _             | 10.01       | 111                  | 1.82   | 8.58                    |
| 10.08       | _             | 10.08       | 357                  | 2.48   | 10.08                   |
| 10.10       | _             | 15.06       | 197                  | 3.05   | 12.82                   |
| 15.47       | _             | 16.08       | 88                   | 3.90   | 15.73                   |
| 22.49       | -             | 22.49       | 50                   | 4.25   | <br>22.49               |
| \$<br>5.20  | _             | \$<br>22.49 | 1,808                | 2.03   | \$<br>8.90              |

## CHESAPEAKE ENERGY CORPORATION AND SUBSIDIARIES NOTES TO CONSOLIDATED FINANCIAL STATEMENTS – (Continued)

#### 9. Financial Instruments and Hedging Activities

#### Natural Gas and Oil Derivatives

Our results of operations and operating cash flows are impacted by changes in market prices for natural gas and oil. To mitigate a portion of the exposure to adverse market changes, we have entered into various derivative instruments. These instruments allow us to predict with greater certainty the effective natural gas and oil prices to be received for our hedged production. Although derivatives often fail to achieve 100% effectiveness for accounting purposes, we believe our derivative instruments continue to be highly effective in achieving our risk management objectives. As of December 31, 2010 and 2009, our natural gas and oil derivative instruments were comprised of the following types of instruments:

- Swaps: Chesapeake receives a fixed price and pays a floating market price to the counterparty for the hedged commodity.
- Call options: Chesapeake sells call options in exchange for a premium from the counterparty. At the time of settlement, if the market price exceeds the fixed price of the call option, Chesapeake pays the counterparty such excess and if the market price settles below the fixed price of the call option, no payment is due from either party.
- Put options: Chesapeake receives a premium from the counterparty in exchange for the sale of a put
  option. At the time of settlement, if the market price falls below the fixed price of the put option,
  Chesapeake pays the counterparty such shortfall, and if the market price settles above the fixed price
  of the put option, no payment is due from either party.
- Knockout swaps: Chesapeake receives a fixed price and pays a floating market price. The fixed price received by Chesapeake includes a premium in exchange for the possibility to reduce the counterparty's exposure to zero, in any given month, if the floating market price is lower than certain pre-determined knockout prices.
- Collars: These instruments contain a fixed floor price (put) and ceiling price (call). If the market price
  exceeds the call strike price or falls below the put strike price, Chesapeake receives the fixed price
  and pays the market price. If the market price is between the put and the call strike price, no
  payments are due from either party. Three-way collars include an additional put option in exchange for
  a more favorable strike price on the collar. This eliminates the counterparty's downside exposure
  below the second put option.
- Basis protection swaps: These instruments are arrangements that guarantee a price differential to NYMEX for natural gas from a specified delivery point. For non-Appalachian Basin basis protection swaps, which typically have negative differentials to NYMEX, Chesapeake receives a payment from the counterparty if the price differential is greater than the stated terms of the contract and pays the counterparty if the price differential is less than the stated terms of the contract. For Appalachian Basin basis protection swaps, which typically have positive differentials to NYMEX, Chesapeake receives a payment from the counterparty if the price differential is less than the stated terms of the contract. For Appalachian Basin basis protection swaps, which typically have positive differentials to NYMEX, Chesapeake receives a payment from the counterparty if the price differential is less than the stated terms of the contract and pays the counterparty if the price differential is greater than the stated terms of the contract and pays the counterparty if the price differential is greater than the stated terms of the contract and pays the counterparty if the price differential is greater than the stated terms of the contract.

All of our derivative instruments are net settled based on the difference between the fixed-price payment and the floating-price payment, resulting in a net amount due to or from the counterparty.

### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

The estimated fair values of our natural gas and oil derivative instruments as of December 31, 2010 and 2009 are provided below. The associated carrying values of these instruments are equal to the estimated fair values.

|                            | Decembe   | r 31, 2010       | Decemb    | ember 31, 2009   |  |  |  |
|----------------------------|-----------|------------------|-----------|------------------|--|--|--|
| -                          | Volume    | Fair Value       | Volume    | Fair Value       |  |  |  |
|                            |           | (\$ in millions) |           | (\$ in millions) |  |  |  |
| Natural gas (bbtu):        |           |                  |           |                  |  |  |  |
| Fixed-price swaps          | 1,035,134 | \$ 1,307         | 492,053   | \$ 662           |  |  |  |
| Call options               | 1,477,742 | (701)            | 996,750   | (541)            |  |  |  |
| Put options                | (51,220)  | (59)             | (69,620)  | (50)             |  |  |  |
| Fixed-price knockout swaps |           | ·                | 38,370    | 17               |  |  |  |
| Fixed-price collars        |           |                  | 74,240    | 92               |  |  |  |
| Basis protection swaps     | 173,691   | (55)             | 125,469   | (50)             |  |  |  |
| Total natural gas          | 2,635,347 | 492              | 1,657,262 | 130              |  |  |  |
| Oil (mbbl):                |           |                  |           |                  |  |  |  |
| Fixed-price swaps          | 4,385     | (31)             | 5,475     | 3                |  |  |  |
| Call options               | 64,226    | (1,129)          | 14,975    | (144)            |  |  |  |
| Fixed-price knockout swaps | 1,827     | 19               | 6,572     | 32               |  |  |  |
| Total oil                  | 70,438    | (1,141)          | 27,022    | (109)            |  |  |  |
| Total estimated fair value |           | \$ (649)         |           | \$ 21            |  |  |  |

Pursuant to accounting guidance for derivatives and hedging, certain derivatives qualify for designation as cash flow hedges. Following this guidance, changes in the fair value of derivative instruments designated as cash flow hedges, to the extent they are effective in offsetting cash flows attributable to the hedged risk, are recorded in accumulated other comprehensive income until the hedged item is recognized in earnings as the physical transactions being hedged occur. Any change in fair value resulting from ineffectiveness is currently recognized in natural gas and oil sales. Changes in the fair value of non-qualifying derivatives that occur prior to their maturity (i.e., temporary fluctuations in value) are reported currently in the consolidated statements of operations within natural gas and oil sales.

The components of natural gas and oil sales for the years ended December 31, 2010, 2009 and 2008 are presented below.

|   | Years Ended December 31, |       |           |          |    |       |  |  |
|---|--------------------------|-------|-----------|----------|----|-------|--|--|
|   | 2010                     |       | 2010 2009 |          |    | 2008  |  |  |
|   |                          |       | (\$ in    | millions | )  |       |  |  |
| Natural gas and oil sales                             | \$                       | 4,248 | \$        | 3,291    | \$ | 7,069 |  |  |
| Gains (losses) on natural gas and oil derivatives     |                          | 1,422 |           | 1,722    |    | 879   |  |  |
| Gains (losses) on ineffectiveness of cash flow hedges |                          | (23)  |           | 36       |    | (90)  |  |  |
| Total natural gas and oil sales                       | \$                       | 5,647 | \$        | 5,049    | \$ | 7,858 |  |  |

Based upon the market prices at December 31, 2010, we expect to transfer approximately \$15 million (net of income taxes) of gain included in accumulated other comprehensive income to net income (loss) during the next 12 months in the related month of production. All transactions hedged as of December 31, 2010 are expected to mature by December 31, 2022.

We have a multi-counterparty hedge facility with 12 counterparties that have committed to provide approximately 5.6 tcfe of hedging capacity and an aggregate mark-to-market capacity of \$15.0 billion under the terms of the facility. In February 2011, we amended the agreement for the hedge facility primarily to allow us to protect our natural gas liquids production from price volatility and to allow for greater flexibility when hedging our anticipated production. As of December 31, 2010, we had hedged a total of 2.9 tcfe of our future production

### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

under the facility. The multi-counterparty facility allows us to enter into cash-settled natural gas, natural gas liquids and oil price and basis hedges with the counterparties. Our obligations under the multi-counterparty facility are secured by proved reserves, the value of which must cover the fair value of the transactions outstanding under the facility by at least 1.65 times, and guarantees by certain subsidiaries that also guarantee our corporate revolving bank credit facility and indentures. The counterparties' obligations under the facility must be secured by cash or short-term U.S. Treasury instruments to the extent that any mark-to-market amounts they owe to Chesapeake exceed defined thresholds. The maximum volume-based hedging capacity under the facility is governed by the expected production of the pledged reserve collateral, and volume-based hedging limits are applied separately to price and basis hedges. In addition, there are volume-based sub-limits for natural gas and oil hedges. Chesapeake has significant flexibility with regard to releases and/or substitutions of pledged reserves, provided that certain collateral coverage and other requirements are met. The facility does not have a maturity date. Counterparties to the agreement have the right to cease entering into hedges with the company on a prospective basis as long as obligations associated with any existing transactions in the facility continue to be satisfied in accordance with the terms of the agreement.

#### Interest Rate Derivatives

To mitigate our exposure to volatility in interest rates related to our senior notes and bank credit facilities, we enter into interest rate derivatives. As of December 31, 2010 and 2009, our interest rate derivative instruments were comprised of the following types of instruments:

- Swaps: Chesapeake enters into fixed-to-floating interest rate swaps (we receive a fixed interest rate and pay a floating market rate) to mitigate our exposure to changes in the fair value of our senior notes. We enter into floating-to-fixed interest rate swaps (we receive a floating market rate and pay a fixed interest rate) to manage our interest rate exposure related to our bank credit facilities borrowings.
- Call options: Occasionally we sell call options for a premium when we think it is more likely that the
  option will expire unexercised. The option allows the counterparty to terminate a pre-determined open
  swap on a specific date.
- Swaptions: Occasionally we sell an option to a counterparty for a premium which allows the counterparty to enter into a pre-determined swap with us on a specific date.
- Collars: These instruments contain a fixed floor rate (floor) and a ceiling rate (cap). If the floating rate
  is above the cap, we have a net receivable from the counterparty and if the floating rate is below the
  floor, we have a net payable to the counterparty. If the floating rate is between the floor and the cap,
  there is no payment due from either party. Collars are used to manage our interest rate exposure
  related to our bank credit facilities borrowings.

The notional amount of debt hedged and the estimated fair value of our interest rate derivatives outstanding as of December 31, 2010 and 2009 are provided below.

|                |                    | December 31, 2010 |               |          |       | 2009  |    |       |  |               |  |
|----------------|--------------------|-------------------|---------------|----------|-------|-------|----|-------|--|---------------|--|
|                | Notional<br>Amount |                   | Fair<br>Value |          |       |       |    |       |  | Fair<br>Value |  |
|                |                    |                   |               | (\$ in m | illio | ons)  |    |       |  |               |  |
| Interest rate: |                    |                   |               |          |       |       |    |       |  |               |  |
| Swaps          | \$                 | 1,900             | \$            | (54)     | \$    | 2,925 | \$ | (113) |  |               |  |
| Call options   |                    | 250               |               | (2)      |       | 250   |    | (2)   |  |               |  |
| Swaptions      |                    | 500               |               | (13)     |       | 500   |    | (11)  |  |               |  |
| Collars        |                    |                   |               |          |       | 250   |    | (6)   |  |               |  |
| Totals         | \$                 | 2,650             | \$            | (69)     | \$    | 3,925 | \$ | (132) |  |               |  |

#### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS – (Continued)

For interest rate derivative instruments designated as fair value hedges, the fair values of the hedges are recorded on the consolidated balance sheets as assets or liabilities, with corresponding offsetting adjustments to the debt's carrying value. Our qualifying interest rate swaps are considered 100% effective and therefore no ineffectiveness was recorded for the periods presented above. Changes in the fair value of non-qualifying interest rate derivatives that occur prior to their maturity (i.e., temporary fluctuations in value) are currently reported in the consolidated statements of operations within interest expense.

Gains or (losses) from interest rate derivative transactions are reflected as adjustments to interest expense in the consolidated statements of operations. The components of interest expense for the years ended December 31, 2010, 2009 and 2008 are presented below.

|   | Y  | 'ears Ei | ndeo | d Decen  | nbei | nber 31, |   |     |
|---|----|----------|------|----------|------|----------|---|-----|
|   | 2  | 2010     |      | 010 2009 |      |          | 2 | 008 |
|   |    | (\$      | in i | millions | ;)   |          |   |     |
| Interest expense on senior notes            | \$ | 718      | \$   | 765      | \$   | 637      |   |     |
| Interest expense on credit facilities       |    | 61       |      | 60       |      | 117      |   |     |
| Capitalized interest                        |    | (716)    |      | (633)    |      | (585)    |   |     |
| (Gains) losses on interest rate derivatives |    | (80)     |      | (114)    |      | 79       |   |     |
| Amortization of loan discount and other     | _  | 36       |      | 35       |      | 23       |   |     |
| Total interest expense                      | \$ | 19       | \$   | 113      | \$   | 271      |   |     |

Gains and losses related to terminated qualifying interest rate derivative transactions will be amortized as an adjustment to interest expense over the remaining term of the related senior notes. Over the next ten years, we will recognize \$34 million in gains related to such transactions.

#### Foreign Currency Derivatives

On December 6, 2006, we issued €600 million of 6.25% Euro-denominated Senior Notes due 2017. Concurrent with the issuance of the euro-denominated senior notes, we entered into a cross currency swap to mitigate our exposure to fluctuations in the euro relative to the dollar over the term of the notes. Under the terms of the cross currency swap, on each semi-annual interest payment date, the counterparties pay Chesapeake €19 million and Chesapeake pays the counterparties \$30 million, which yields an annual dollar-equivalent interest rate of 7.491%. Upon maturity of the notes, the counterparties will pay Chesapeake €600 million and Chesapeake will pay the counterparties \$800 million. The terms of the cross currency swap were based on the dollar/euro exchange rate on the issuance date of \$1.3325 to €1.00. Through the cross currency swap, we have eliminated any potential variability in Chesapeake's expected cash flows related to changes in foreign exchange rates and therefore the swap qualifies as a cash flow hedge. The fair value of the cross currency swap is recorded on the consolidated balance sheet as a liability of \$43 million at December 31, 2010. The euro-denominated debt in long-term debt has been adjusted to \$796 million at December 31, 2010 using an exchange rate of \$1.3269 to €1.00.

#### Additional Disclosures Regarding Derivative Instruments and Hedging Activities

In accordance with accounting guidance for derivatives and hedging, to the extent that a legal right of set-off exists, Chesapeake nets the value of its derivative arrangements with the same counterparty in the accompanying consolidated balance sheets. Derivative instruments reflected as current in the consolidated balance sheets represent the estimated fair value of derivatives scheduled to settle over the next twelve months based on market prices/rates as of the respective balance sheet dates. The derivative settlement amounts are not due until the month in which the related underlying hedged transaction occurs. Cash settlements of our derivative instruments are generally classified as operating cash flows unless the derivative contains a significant financing element at contract inception, in which case, these cash settlements are classified as financing cash flows in the accompanying consolidated statements of cash flows.

### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

The following table sets forth the fair value of each classification of derivative instrument as of December 31, 2010 and 2009 on a gross basis without regard to same-counterparty netting:

|  | ·                                 | Fair                 | Value                |
|--|-----------------------------------|----------------------|----------------------|
|  | Balance Sheet Location            | December 31,<br>2010 | December 31,<br>2009 |
|  |                                   | (\$ in m             | illions)             |
| Asset Derivatives:                           |                                   |                      |                      |
| Derivatives designated as hedging instrumen  |                                   |                      |                      |
| Commodity contracts                          |                                   |                      | •                    |
| Commodity contracts                          |                                   | 12                   | 36                   |
| Foreign currency contracts                   | Long-term derivative instruments  |                      | 43                   |
| Total  |                                   | 319                  | 496                  |
| Derivatives not designated as hedging instru | ments:                            |                      |                      |
| Commodity contracts                          |                                   | 921                  | 318                  |
| Commodity contracts                          | Long-term derivative instruments  | 229                  | 66                   |
| Total  |                                   | 1,150                | 384                  |
| Liability Derivatives:                       |                                   |                      |                      |
| Derivatives designated as hedging instrumer  | ts:                               |                      |                      |
| Commodity contracts                          | Short-term derivative instruments | (59)                 | ) (1)                |
| Interest rate contracts                      | Long-term derivative instruments  | (25)                 | ) (11)               |
| Foreign currency contracts                   | Long-term derivative instruments  | (43)                 | ) . —                |
| Total  |                                   | (127)                | (12)                 |
| Derivatives not designated as hedging instru | nents:                            |                      |                      |
| Commodity contracts                          |                                   | (222)                | ) (42)               |
| Commodity contracts                          | Long-term derivative instruments  | (1,837               | • • •                |
| Interest rate contracts                      | Short-term derivative instruments | (15                  |                      |
| Interest rate contracts                      | Long-term derivative instruments  | (29)                 | ) (94)               |
| Total  |                                   | (2,103               | ) (931)              |
| Total derivative instruments                 |                                   | \$ (761              | ) \$ (63)            |

A consolidated summary of the effect of derivative instruments on the consolidated statements of operations for the years ended December 31, 2010 and 2009 is provided below, separating fair value, cash flow and non-qualifying derivatives.

The following table presents the gain (loss) recognized in net income (loss) for instruments designated as fair value derivatives:

|                         |                                 | Years<br>Decem |         |      |
|-------------------------|---------------------------------|----------------|---------|------|
| Fair Value Derivatives  | Location of Gain (Loss)         | 2010           | 2       | 2009 |
|                         |                                 | (\$ in m       | illions | 5)   |
| Interest rate contracts | Interest expense <sup>(a)</sup> | \$<br>20       | \$      | 37   |

(a) Interest expense on items hedged for the years ended December 31, 2010 and 2009 was \$19 million and \$71 million, respectively, which is included in interest expense on the consolidated statements of operations.

#### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS – (Continued)

The following table presents the pre-tax gain (loss) recognized in, and reclassified from, accumulated other comprehensive income (AOCI) and recognized in net income (loss), including any hedge ineffectiveness, for derivative instruments designated as cash flow derivatives:

|   |                           |    | Years<br>Decem |        |       |  |
|---|---------------------------|----|----------------|--------|-------|--|
| Cash Flow Derivatives   | Location of Gain (Loss)   | 2  | 010            | 2      | 2009  |  |
|   |                           |    | (\$ in m       | illior | ns)   |  |
| Gain (Loss) Recognized in<br>AOCI (Effective Portion)   |                           |    |                |        |       |  |
| Commodity contracts   | AOCI                      | \$ | 386            | \$     | 958   |  |
| Foreign exchange contracts  | AOCI                      |    | (22)           |        | 96    |  |
|   |                           | \$ | 364            | \$     | 1,054 |  |
| Gain (Loss) Reclassified from<br>AOCI (Effective Portion)   |                           |    |                |        |       |  |
| Commodity contracts   | Natural gas and oil sales | \$ | 789            | \$     | 1,425 |  |
|   |                           | \$ | 789            | \$     | 1,425 |  |
| Gain (Loss) Recognized<br>(Ineffective Portion and<br>Amount Excluded from<br>Effectiveness Testing) <sup>(a)</sup> |                           |    |                |        |       |  |
| Commodity contracts   | Natural gas and oil sales | \$ | (19)           | \$     | 193   |  |
| -<br>-<br>-   | -                         | \$ | (19)           | \$     | 193   |  |
|   |                           |    | /              |        |       |  |

(a) In the years ended December 31, 2010 and 2009, the amount of gain (loss) recognized in net income (loss) represents (\$23) million and \$36 million related to the ineffective portion of our cash flow derivatives and \$4 million and \$157 million, respectively, related to the amount excluded from the assessment of hedge effectiveness.

The following table presents the gain (loss) recognized in net income (loss) for instruments not qualifying as cash flow or fair value derivatives:

|  |  | Years Ended<br>December 31, |          |        |     |  |  |  |  |  |  |
|--|--|-----------------------------|----------|--------|-----|--|--|--|--|--|--|
| Non-Qualifying Derivatives             | Location of Gain (Loss)                |                             | 010      | 2009   |     |  |  |  |  |  |  |
| ······································ | ······································ |                             | (\$ in m | illion | s)  |  |  |  |  |  |  |
| Commodity contracts                    | Natural gas and oil sales              | \$                          | 629      | \$     | 139 |  |  |  |  |  |  |
| Interest rate contracts                | Interest expense                       |                             | 60       |        | 77  |  |  |  |  |  |  |
|  | Total                                  | \$                          | 689      | \$     | 216 |  |  |  |  |  |  |

#### Credit Risk

Derivative instruments that enable us to hedge a portion of our exposure to natural gas and oil prices and interest rate volatility expose us to credit risk from our counterparties. To mitigate this risk, we enter into derivative contracts only with investment-grade rated counterparties deemed by management to be competent and competitive market makers, and we attempt to limit our exposure to non-performance by any single counterparty. On December 31, 2010, our derivative instruments were spread among 14 counterparties. Additionally, our multi-counterparty secured hedging facility described previously includes 12 of our counterparties which are required to secure their natural gas and oil hedging obligations in excess of defined thresholds. We use this facility for all of our commodity hedging.

## CHESAPEAKE ENERGY CORPORATION AND SUBSIDIARIES NOTES TO CONSOLIDATED FINANCIAL STATEMENTS – (Continued)

#### 10. Supplemental Disclosures About Natural Gas and Oil Producing Activities

#### Net Capitalized Costs

Evaluated and unevaluated capitalized costs related to Chesapeake's natural gas and oil producing activities are summarized as follows:

|   |    | 31,                |    |                    |  |
|---|----|--------------------|----|--------------------|--|
|   |    | 2010               |    | 2009               |  |
|   |    | ns)                |    |                    |  |
| Natural gas and oil properties:<br>Proved<br>Unproved | \$ | 38,952<br>14,469   | \$ | 35,007<br>10,005   |  |
| TotalLotal depreciation, depletion and amortization   |    | 53,421<br>(25,595) |    | 45,012<br>(24,220) |  |
| Net capitalized costs                                 | \$ | 27,826             | \$ | 20,792             |  |

Unproved properties not subject to amortization at December 31, 2010, 2009 and 2008 consisted mainly of leasehold acquired through corporate and significant natural gas and oil property acquisitions and through direct purchases of leasehold. We capitalized approximately \$711 million, \$627 million and \$585 million of interest during 2010, 2009 and 2008, respectively, on significant investments in unproved properties that were not yet included in the amortization base of the full-cost pool. We will continue to evaluate our unproved properties and seismic projects; however, the timing of the ultimate evaluation and disposition of the properties has not been determined.

The table below sets forth the cost of unproved properties excluded from the amortization base as of December 31, 2010 and notes the year in which the associated costs were incurred:

|                            | Year of Acquisition |       |      |       |        |         |    |       |              |
|----------------------------|---------------------|-------|------|-------|--------|---------|----|-------|--------------|
|                            |                     | 2010  | 2009 |       | 9 2008 |         |    | Prior | Total        |
|                            |                     |       |      | (     | \$ in  | million | s) |       | <br>         |
| Leasehold acquisition cost | \$                  | 5,619 | \$   | 1,634 | \$     | 3,992   | \$ | 1,157 | \$<br>12,402 |
| Exploration cost           |                     | 526   |      | 42    |        | 81      |    | 56    | 705          |
| Capitalized interest       |                     | 617   |      | 180   |        | 438     |    | 127   | 1,362        |
| Total                      | \$                  | 6,762 | \$   | 1,856 | \$     | 4,511   | \$ | 1,340 | \$<br>14,469 |

## CHESAPEAKE ENERGY CORPORATION AND SUBSIDIARIES NOTES TO CONSOLIDATED FINANCIAL STATEMENTS – (Continued)

#### Costs Incurred in Natural Gas and Oil Exploration and Development, Acquisitions and Divestitures

Costs incurred in natural gas and oil property exploration and development, acquisitions and divestitures activities which have been capitalized are summarized as follows:

|  | December 31,     |         |      |         |    |         |
|--|------------------|---------|------|---------|----|---------|
|  | 2010             |         | 2009 |         |    | 2008    |
|  | (\$ in millions) |         |      |         |    |         |
| Development and exploration costs:                 |                  |         |      |         |    |         |
| Development drilling <sup>(a)</sup>                | \$               | 4,739   | \$   | 2,729   | \$ | 5,185   |
| Exploratory drilling                               |                  | 691     |      | 651     |    | 612     |
| Geological and geophysical costs <sup>(b)(c)</sup> |                  | 181     |      | 162     |    | 314     |
| Asset retirement obligation and other              |                  | 2       |      | (2)     |    | 10      |
|  |                  | 5,613   |      | 3,540   |    | 6,121   |
| Acquisition costs:                                 |                  |         |      |         |    |         |
| Unproved properties <sup>(d)</sup>                 |                  | 6,953   |      | 2,793   |    | 8,250   |
| Proved properties                                  |                  | 243     |      | 61      |    | 355     |
| Deferred income taxes                              |                  |         |      |         |    | 13      |
|  |                  | 7,196   |      | 2,854   |    | 8,618   |
| Proceeds from divestitures:                        |                  |         |      |         |    |         |
| Unproved properties                                |                  | (1,524) |      | (1,265) |    | (5,302) |
| Proved properties                                  |                  | (2,876) |      | (461)   |    | (2,433) |
|  |                  | (4,400) |      | (1,726) |    | (7,735) |
| Total  | \$               | 8,409   | \$   | 4,668   | \$ | 7,004   |

(a) Includes capitalized internal costs of \$367 million, \$337 million and \$326 million, respectively.

(b) Includes capitalized internal costs of \$16 million, \$22 million and \$26 million, respectively.

(c) Includes \$24 million, \$29 million and \$25 million of related capitalized interest, respectively.

(d) Includes \$687 million, \$598 million and \$561 million of related capitalized interest, respectively.

Results of Operations from Natural Gas and Oil Producing Activities (unaudited)

Chesapeake's results of operations from natural gas and oil producing activities are presented below for 2010, 2009 and 2008. The following table includes revenues and expenses associated directly with our natural gas and oil producing activities. It does not include any interest costs or general and administrative costs and, therefore, is not necessarily indicative of the contribution to consolidated net operating results of our natural gas and oil operations.

|   | Years Ended December 31, |         |      |          |    |         |  |
|---|--------------------------|---------|------|----------|----|---------|--|
|   | 2010                     |         | 2009 |          |    | 2008    |  |
|   |                          | (\$     | 5 in | millions | 5) |         |  |
| Natural gas and oil sales   | \$                       | 5,647   | \$   | 5,049    | \$ | 7,858   |  |
| Production expenses   |                          | (893)   |      | (876)    |    | (889)   |  |
| Production taxes  |                          | (157)   |      | (107)    |    | (284)   |  |
| Impairment of natural gas and oil properties                        |                          |         | (    | (11,000) |    | (2,800) |  |
| Depletion and depreciation  |                          | (1,394) |      | (1,371)  |    | (1,970) |  |
| Imputed income tax provision <sup>(a)</sup>                         |                          | (1,233) |      | 3,114    |    | (747)   |  |
| Results of operations from natural gas and oil producing activities | \$                       | 1,970   | \$   | (5,191)  | \$ | 1,168   |  |

(a) The imputed income tax provision is hypothetical (at the effective income tax rate) and determined without regard to our deduction for general and administrative expenses, interest costs and other income tax credits and deductions, nor whether the hypothetical tax provision will be payable.

### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

#### Natural Gas and Oil Reserve Quantities (unaudited)

Chesapeake's petroleum engineers and independent petroleum engineering firms estimated all of our proved reserves as of December 31, 2010 and 2009. The independent petroleum engineering firms estimated an aggregate of 78% and 83% of our estimated proved reserves (by volume), as of December 31, 2010 and 2009, respectively, as set forth below.

|   | Decem | ber 31. |
|---|-------|---------|
|   | 2010  | 2009    |
| Netherland, Sewell & Associates, Inc.   | 58%   | 59%     |
| Lee Keeling and Associates, Inc.  | 7%    | 10%     |
| Data and Consulting Services, Division of Schlumberger Technology Corporation | 7%    | 7%      |
| Ryder Scott Company L.P.  | 6%    | 7%      |

Chesapeake's petroleum engineers estimated all of our proved reserves as of December 31, 2008, and independent petroleum engineering firms audited an aggregate 76% of our estimated proved reserves (by volume), as set forth below. A reserve audit is not the same as a financial audit and a reserve audit is less rigorous in nature than a reserve report prepared by an independent petroleum engineering firm containing its own estimates of reserves.

|   | December 31,<br>2008 |
|---|----------------------|
| Netherland, Sewell & Associates, Inc.   | 42%                  |
| Lee Keeling and Associates, Inc.  | 13%                  |
| Data and Consulting Services, Division of Schlumberger Technology Corporation |                      |
| Ryder Scott Company L.P.  | 8%                   |
| LaRoche Petroleum Consultants, Ltd  |                      |

Proved natural gas and oil reserves are those quantities of natural gas and oil, which, by analysis of geoscience and engineering data, can be estimated with reasonable certainty to be economically producible - from a given date forward, from known reservoirs, and under existing economic conditions, operating methods, and government regulations - prior to the time at which contracts providing the right to operate expire, unless evidence indicates that renewal is reasonably certain, regardless of whether deterministic or probabilistic methods are used for the estimation. Existing economic conditions include prices and costs at which economic producibility from a reservoir is to be determined. Based on reserve reporting rules effective December 31, 2009, the price is calculated using the average price during the 12-month period prior to the ending date of the period covered by the report, determined as an unweighted arithmetic average of the first-day-of-the-month price for each month within such period, unless prices are defined by contractual arrangements, excluding escalations based upon future conditions. The project to extract the hydrocarbons must have commenced or the operator must be reasonably certain that it will commence the project within a reasonable time. The area of the reservoir considered as proved includes: (i) the area identified by drilling and limited by fluid contacts, if any, and (ii) adjacent undrilled portions of the reservoir that can, with reasonable certainty, be judged to be continuous with it and to contain economically producible natural gas or oil on the basis of available geoscience and engineering data. In the absence of data on fluid contacts, proved quantities in a reservoir are limited by the lowest known hydrocarbons as seen in a well penetration unless geoscience, engineering or performance data and reliable technology establish a lower contact with reasonable certainty. Where direct observation from well penetrations has defined a highest known oil elevation and the potential exists for an associated natural gas cap, proved oil reserves may be assigned in the structurally higher portions of the reservoir only if geoscience, engineering, or performance data and reliable technology establish the higher contact with reasonable certainty. Reserves which can be produced economically through application of improved recovery techniques (including, but not limited to, fluid injection) are included in the proved classification when: (i) successful testing by a pilot project in an area of the reservoir with properties no more favorable than in the reservoir as a whole, the operation of an installed program in the reservoir or an analogous reservoir, or other evidence using reliable technology establishes the reasonable certainty of the engineering analysis on which the project or program was based; and (ii) the project has been approved for development by all necessary parties and entities, including governmental entities.

### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

Proved developed natural gas and oil reserves are reserves of any category that can be expected to be recovered through existing wells with existing equipment and operating methods or in which the cost of the required equipment is relatively minor compared to the cost of a new well.

The information below on our natural gas and oil reserves is presented in accordance with regulations prescribed by the Securities and Exchange Commission as in effect as of the date of such estimates. Chesapeake emphasizes that reserve estimates are inherently imprecise. Our reserve estimates are generally based upon extrapolation of historical production trends, analogy to similar properties and volumetric calculations. Accordingly, these estimates are expected to change, and such changes could be material and occur in the near term as future information becomes available.

Presented below is a summary of changes in estimated reserves of Chesapeake for 2010, 2009 and 2008:

|   | Gas<br>(bcf) | Oil<br>(mmbbl) | Total<br>(bcfe) |
|---|--------------|----------------|-----------------|
| December 31, 2010                           |              |                |                 |
| Proved reserves, beginning of period        | 13,510       | 124.0          | 14,254          |
| Extensions, discoveries and other additions | 4,678        | 70.0           | 5,098           |
| Revisions of previous estimates             | (445)        | 104.6          | 183             |
| Production                                  | (925)        | (18.4)         | (1,035)         |
| Sale of reserves-in-place                   | (1,426)      | (11.2)         | (1,493)         |
| Purchase of reserves-in-place               | 63           | 4.4            | 89              |
| Proved reserves, end of period              | 15,455       | 273.4          | 17,096          |
| Proved developed reserves:                  |              |                |                 |
| Beginning of period                         | 7,859        | 78.8           | 8,331           |
| End of period                               | 8,246        | 149.3          | 9,143           |
| December 31, 2009                           |              |                |                 |
| Proved reserves, beginning of period        | 11,327       | 120.6          | 12,051          |
| Extensions, discoveries and other additions | 4,530        | 27.1           | 4,693           |
| Revisions of previous estimates             | (1,335)      | (10.3)         | (1,397)         |
| Production                                  | (835)        | (11.8)         | (906)           |
| Sale of reserves-in-place                   | (209)        | (1.8)          | (220)           |
| Purchase of reserves-in-place               | 32           | 0.2            | 33              |
| Proved reserves, end of period              | 13,510       | 124.0          | 14,254          |
| Proved developed reserves:                  | سفر ژ        |                |                 |
| Beginning of period                         | 7,582        | 84.9           | 8,091           |
| End of period                               | 7,859        | 78.8           | 8,331           |
| December 31, 2008                           |              |                |                 |
| Proved reserves, beginning of period        | 10,137       | 123.6          | 10,879          |
| Extensions, discoveries and other additions | 1,526        | 11.5           | 1,595           |
| Revisions of previous estimates             | 957          | (1.2)          | 950             |
| Production                                  | (775)        | (11.2)         | (843)           |
| Sale of reserves-in-place                   | (674)        | (4.6)          | (702)           |
| Purchase of reserves-in-place               | 156          | 2.5            | 172             |
| Proved reserves, end of period              | 11,327       | 120.6          | 12,051          |
| Proved developed reserves:                  |              |                |                 |
| Beginning of period                         | 6,409        | 88.8           | 6,942           |
| End of period                               | 7,582        | 84.9           | 8,091           |

### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS – (Continued)

During 2010, Chesapeake acquired approximately 89 bcfe of proved reserves through purchases of natural gas and oil properties for consideration of \$243 million (primarily in 5 separate transactions of greater than \$10 million each), and we sold 1.493 tcfe of our proved reserves for approximately \$2.876 billion including divestitures related to three volumetric production payment transactions, the sale of a portion of our Barnett Shale assets and other non-core asset sales. During 2010, we recorded positive revisions of 183 bcfe to the December 31, 2009 estimates of our reserves. Included in the revisions were 189 bcfe of positive revisions resulting from higher natural gas prices as of December 31, 2010 and 6 bcfe of downward revisions resulting from changes to previous estimates. Higher prices extend the economic lives of the underlying natural gas and oil properties and thereby increase the estimated future reserves. The natural gas and oil prices used in computing our reserves as of December 31, 2010 were \$4.38 per mcf and \$79.42 per barrel before price differentials.

During 2009, Chesapeake acquired approximately 33 bcfe of proved reserves through purchases of natural gas and oil properties for consideration of \$61 million (primarily in two separate transactions of greater than \$10 million each) and we sold 220 bcfe of our proved reserves for approximately \$576 million. During 2009, we recorded downward revisions of 1.397 tcfe to the December 31, 2008 estimates of our reserves. Included in the revisions were 952 bcfe of downward revisions resulting from lower natural gas prices using the average 12-month price in 2009 compared to the spot price as of December 31, 2008, and 445 bcfe of downward revisions resulting from changes to previous estimates. Lower prices decrease the economic lives of the underlying natural gas and oil properties and thereby decrease the estimated future reserves. The natural gas and oil prices used in computing our reserves as of December 31, 2009 were \$3.87 per mcf and \$61.14 per barrel before price differentials.

During 2008, Chesapeake acquired approximately 172 bcfe of proved reserves through purchases of natural gas and oil properties for consideration of \$355 million (primarily in five separate transactions of greater than \$10 million each) and we sold 702 bcfe of our proved reserves for approximately \$2.433 billion. During 2008, we recorded positive revisions of 950 bcfe to the December 31, 2007 estimates of our reserves. Included in the revisions were 298 bcfe of negative adjustments caused by lower natural gas and oil prices at December 31, 2008 compared to prices at December 31, 2007 and 1.248 tcfe of positive performance related revisions. Lower prices decrease the economic lives of the underlying natural gas and oil properties and thereby decrease the estimated future reserves. The natural gas and oil prices used in computing our reserves as of December 31, 2008 were \$5.71 per mcf and \$44.61 per barrel before price differentials.

#### Standardized Measure of Discounted Future Net Cash Flows (unaudited)

Accounting Standards Topic 932 prescribes guidelines for computing a standardized measure of future net cash flows and changes therein relating to estimated proved reserves. Chesapeake has followed these guidelines which are briefly discussed below.

Future cash inflows and future production and development costs as of December 31, 2010 and 2009, were determined by applying the trailing average 12-month prices and year-end costs to the estimated quantities of natural gas and oil to be produced. Actual future prices and costs may be materially higher or lower than the 12-month average prices and year-end costs used. Amounts as of December 31, 2008 were determined using year-end prices and costs. For each year, estimates are made of quantities of proved reserves and the future periods during which they are expected to be produced based on continuation of the economic conditions applied for such year. Estimated future income taxes are computed using current statutory income tax rates including consideration for the current tax basis of the properties and related carryforwards, giving effect to permanent differences and tax credits. The resulting future net cash flows are reduced to present value amounts by applying a 10% annual discount factor.

The assumptions used to compute the standardized measure are those prescribed by the Financial Accounting Standards Board and, as such, do not necessarily reflect our expectations of actual revenue to be derived from those reserves nor their present worth. The limitations inherent in the reserve quantity estimation process, as discussed previously, are equally applicable to the standardized measure computations since these estimates reflect the valuation process.

#### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

The following summary sets forth our future net cash flows relating to proved natural gas and oil reserves based on the standardized measure:

|  | Years Ended December 31, |                          |                          |  |  |  |
|--|--------------------------|--------------------------|--------------------------|--|--|--|
|  | 2010                     | 2009                     | 2008                     |  |  |  |
|  |                          | in millions              | )                        |  |  |  |
| Future cash inflows                                      | \$ 69,616 <sup>(a)</sup> | \$ 49,322 <sup>(b)</sup> | \$ 62,995 <sup>(c)</sup> |  |  |  |
| Future production costs                                  | (20,384)                 | (16,620)                 | (18,828)                 |  |  |  |
| Future development costs                                 | (11,602)                 | (8,881)                  | (7,378)                  |  |  |  |
| Future income tax provisions                             | (6,859)                  | (4,106)                  | (9,813)                  |  |  |  |
| Future net cash flows                                    | 30,771                   | 19,715                   | 26,976                   |  |  |  |
| Less effect of a 10% discount factor                     | (17,588)                 | (11,512)                 | (15,143)                 |  |  |  |
| Standardized measure of discounted future net cash flows | \$ 13,183                | \$ 8,203                 | \$ 11,833                |  |  |  |

(a) Calculated using prices of \$4.38 per mcf of natural gas and \$79.42 per barrel of oil, before field differentials.

- (b) Calculated using prices of \$3.87 per mcf of natural gas and \$61.14 per barrel of oil, before field differentials.
- (c) Calculated using prices of \$5.71 per mcf of natural gas and \$44.61 per barrel of oil, before field differentials.

The principal sources of change in the standardized measure of discounted future net cash flows are as follows:

|   | Years Ended December 31, |         |      |         |    |         |
|---|--------------------------|---------|------|---------|----|---------|
|   |                          | 2010    | 2009 |         |    | 2008    |
|   | (\$ in millions)         |         |      |         |    |         |
| Standardized measure, beginning of period <sup>(a)</sup>                      | \$                       | 8,203   | \$   | 11,833  | \$ | 14,962  |
| Sales of natural gas and oil produced, net of production costs <sup>(b)</sup> |                          | (3,199) |      | (2,307) |    | (5,896) |
| Net changes in prices and production costs                                    |                          | 3,337   |      | (7,297) |    | (5,025) |
| Extensions and discoveries, net of production and development costs           |                          | 5,580   |      | 2,374   |    | 2,752   |
| Changes in future development costs   |                          | 173     |      | 1,910   |    | 1,043   |
| Development costs incurred during the period that reduced future              |                          |         |      |         |    |         |
| development costs   |                          | 717     |      | 650     |    | 1,130   |
| Revisions of previous quantity estimates                                      |                          | - 199   |      | (1,290) |    | 1,524   |
| Purchase of reserves-in-place   |                          | 255     |      | 41      |    | 362     |
| Sales of reserves-in-place  |                          | (2,235) |      | (377)   |    | (1,696) |
| Accretion of discount   |                          | 945     |      | 1,560   |    | 2,057   |
| Net change in income taxes  |                          | (716)   |      | 2,521   |    | 1,843   |
| Changes in production rates and other   |                          | (76)    | _    | (1,415) | _  | (1,223) |
| Standardized measure, end of period <sup>(a)</sup>                            | \$                       | 13,183  | \$   | 8,203   | \$ | 11,833  |

(a) The impact of cash flow hedges has not been included in any of the periods presented.

(b) Excluding gains (losses) on derivatives.

# CHESAPEAKE ENERGY CORPORATION AND SUBSIDIARIES NOTES TO CONSOLIDATED FINANCIAL STATEMENTS – (Continued)

#### 11. Divestitures

#### Industry Participation Agreements

As of December 31, 2010, we had entered into five significant industry participation agreements to sell a portion of our leasehold in certain areas, which allowed us to recover much or all of our initial leasehold investments in the plays, reduce our ongoing capital costs, reduce future DD&A expense and reduce future risks. The transactions are detailed below.

On November 16, 2010, we entered into an industry participation agreement with a wholly owned U.S. subsidiary of CNOOC Limited (CNOOC) to develop our Eagle Ford Shale leasehold in South Texas. Under the terms of the agreement, CNOOC acquired a 33.3% undivided interest in approximately 600,000 net acres of our Eagle Ford Shale leasehold along with 18.2 bcfe of estimated proved reserves. We received \$1.12 billion in cash at closing, and CNOOC agreed to fund 75% of our share of drilling and completion costs in the Eagle Ford Shale until an additional \$1.08 billion has been paid, which we expect to occur by year-end 2012. In addition, CNOOC has the right to a 33.3% participation in any additional leasehold we acquire in the Eagle Ford Shale at cost plus a fee.

On January 25, 2010, we entered into an industry participation agreement with Total E&P USA, Inc., a wholly owned subsidiary of Total S.A., to develop our Barnett Shale leasehold in north-central Texas. Under the terms of the industry participation agreement, Total acquired a 25% undivided interest in approximately 270,000 net acres of our Barnett Shale leasehold along with 840 bcfe of estimated proved reserves. Total paid us approximately \$800 million in cash at closing (plus \$78 million of drilling and completion carries due from the effective date of the transaction to the closing date). Total is obligated to fund 60% of our share of future drilling and completion costs until \$1.45 billion has been paid, which we expect to occur by year-end 2013. In addition, Total has the right to a 25% participation in any additional leasehold we acquire in the Barnett Shale at cost plus a fee.

On November 25, 2008, we entered into an industry participation agreement with Statoil to develop our Marcellus Shale leasehold in Appalachia. Under the terms of the industry participation agreement, Statoil acquired a 32.5% undivided interest in approximately 1.8 million net acres of our Marcellus Shale leasehold along with 2.5 bcfe of estimated proved reserves. Chesapeake received \$1.25 billion in cash at closing, and Statoil agreed to fund 75% of our share of drilling and completion costs in the Marcellus Shale until an additional \$2.125 billion has been paid, which we expect to occur by year-end 2012. In addition, Statoil has the right to a 32.5% participation in any additional leasehold we acquire in the Marcellus Shale at cost plus a fee.

On September 5, 2008, we entered into an industry participation agreement with BP America Inc. to develop our Fayetteville Shale leasehold in Arkansas. Under the terms of the industry participation agreement, BP acquired a 25% undivided interest in approximately 540,000 net acres of our Fayetteville Shale leasehold along with 161.8 bcfe of estimated proved reserves. We received \$1.1 billion in cash at closing, and BP paid an additional \$800 million by funding 100% of Chesapeake's 75% share of drilling and completion costs during 2008 and 2009. In addition, BP has the right to a 25% participation in any additional leasehold we acquire in the Fayetteville Shale at cost plus a fee.

On July 1, 2008, we entered into an industry participation agreement with Plains Exploration & Production Company (PXP) to develop our Haynesville and Bossier Shale leasehold in Northwest Louisiana and East Texas. Under the terms of the industry participation agreement, PXP acquired a 20% undivided interest in approximately 550,000 net acres of our Haynesville and Bossier Shale leasehold along with 22.9 bcfe of estimated proved reserves. We received \$1.65 billion in cash at closing, and PXP agreed to fund 50% of our share of drilling and completion costs in the Haynesville and Bossier Shale over a multi-year period, up to an additional \$1.65 billion. In August 2009, Chesapeake and PXP amended their industry participation agreement to accelerate the payment of PXP's remaining drilling and completion cost carries as of September 30, 2009, in exchange for an approximate 12% reduction in the total amount of carry obligations due to Chesapeake. As a result, on September 29, 2009, Chesapeake received \$1.1 billion in cash from PXP, and beginning in the 2009 fourth quarter Chesapeake and PXP each began paying their proportionate working interest costs on drilling. In addition, PXP has the right to a 20% participation in any additional leasehold we acquire in the Haynesville and Bossier Shales at cost plus a fee.

#### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS – (Continued)

During 2010, 2009 and 2008, our drilling and completion costs included the benefit of approximately \$1.151 billion, \$1.153 billion and \$271 million, respectively, in drilling and completion carries associated with our industry participation agreements with CNOOC, Total, Statoil, BP and PXP as follows:

| Shale        | Industry<br>Participation<br>Agreement | Industry<br>Participation<br>Agreement | Years Ended<br>December 31, |            |       |       | Participation Years End<br>Agreement December |      |  |  |
|--------------|--|--|-----------------------------|------------|-------|-------|---|------|--|--|
| Play         | Partner                                | Date                                   |                             |            |       | 2009  | 2   | 2008 |  |  |
|              |  |  |                             | (\$ in mil | llior | ns)   |   |      |  |  |
| Eagle Ford   | CNOOC                                  | November 2010                          | \$                          | 67         | \$    |       | \$  |      |  |  |
| Barnett      | Total                                  | January 2010                           |                             | 483        |       |       |   | _    |  |  |
| Marcellus    | Statoil                                | November 2008                          |                             | 601        |       | 162   |   |      |  |  |
| Fayetteville | BP                                     | September 2008                         |                             |            |       | 601   |   | 199  |  |  |
| Haynesville  | PXP                                    | July 2008                              |                             |            |       | 390   |   | 72   |  |  |
|              |  |  | \$                          | 1,151      | \$    | 1,153 | \$  | 271  |  |  |

During 2010, 2009 and 2008, as part of our industry participation agreements with Total, Statoil and PXP, we sold interests in additional leasehold in the Barnett, Marcellus and Haynesville shale plays for approximately \$440 million, \$100 million and \$40 million, respectively.

For accounting purposes, cash proceeds from these transactions were reflected as a reduction of natural gas and oil properties with no gain or loss recognized.

#### Volumetric Production Payments

From time to time, we choose to monetize certain of our producing assets in our more mature producing regions. We retain drilling rights on the properties below currently producing intervals and outside of producing well bores.

We have completed the following volumetric production payment (VPP) transactions since 2007:

| Date of VPP    | Region             | Pr     | oceeds    | Proved Reserves<br>(bcfe) | \$<br>/ mcfe | Original<br>Term |
|----------------|--------------------|--------|-----------|---------------------------|--------------|------------------|
|                |                    | (\$ in | millions) | (at time of sale)         |              | (years)          |
| September 2010 | Barnett Shale      | \$     | 1,150     | 390                       | \$<br>2.93   | 5                |
| June 2010      | Permian Basin      | \$     | 335       | 38                        | \$<br>8.73   | 10               |
| February 2010  | East Texas and the | \$     | 180       | 46                        | \$<br>3.95   | 10               |
| ,              | Texas Gulf Coast   |        |           |                           |              |                  |
| August 2009    | South Texas        | \$     | 370       | 68                        | \$<br>5.46   | 7.5              |
| December 2008  | Anadarko and       | \$     | 412       | 98                        | \$<br>4.19   | 8                |
|                | Arkoma Basins      |        |           |                           |              |                  |
| August 2008    | Anadarko Basin     | \$     | 600       | 93                        | \$<br>6.38   | 11               |
| May 2008       | Texas, Oklahoma    | \$     | 622       | 94                        | \$<br>6.53   | 11               |
| ,              | and Kansas         |        |           |                           |              |                  |
| December 2007  | Kentucky and       | \$     | 1,100     | 208                       | \$<br>5.29   | 15               |
|                | West Virginia      |        |           |                           |              |                  |

For accounting purposes, cash proceeds from these transactions were reflected as a reduction of natural gas and oil properties with no gain or loss recognized, and our proved reserves were reduced accordingly.

#### Sale of Springridge Gathering System

On December 21, 2010, our wholly owned midstream subsidiary, Chesapeake Midstream Development, L.P., sold its Springridge natural gas gathering system and related facilities in the Haynesville Shale to our 42.5%-owned affiliate, Chesapeake Midstream Partners, L.P. (NYSE: CHKM) for \$500 million and recorded a gain on the sale of \$157 million. In connection with this transaction, CHKM and certain Chesapeake

### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

subsidiaries entered into ten-year gathering and compression agreements covering Chesapeake's upstream assets within an area of dedication around the existing pipeline system. The gathering and compression agreements are similar to the previously existing gathering agreement between Chesapeake and CHKM and includes a minimum volume commitment and periodic rate redetermination.

#### Other Divestitures

In 2010 and 2009, we sold non-core proved and unproved properties for proceeds of approximately \$355 million and \$450 million, respectively.

#### 12. Investments

At December 31, 2010 and 2009, we had the following investments:

|                                     |                        |             | Carryin      | g Va  | alue |
|-------------------------------------|------------------------|-------------|--------------|-------|------|
|                                     | Approximate %<br>Owned | Accounting  | <br>Decem    | ber   | 31,  |
|                                     |                        | Method      | <br>2010     |       | 2009 |
|                                     |                        |             | <br>(\$ in m | illio | ns)  |
| Chesapeake Midstream Partners, L.P. | 42%                    | Equity      | \$<br>695    | \$    |      |
| Frac Tech Holdings, LLC.            | 26%                    | Equity      | 311          |       | 239  |
| Chaparral Energy, Inc.              | 20%                    | Equity      | 133          |       | 103  |
| Gastar Exploration Ltd.             | 11%                    | Cost        | 29           |       | 32   |
| Other                               |                        | Cost/Equity | <br>40       |       | 30   |
|                                     |                        |             | \$<br>1,208  | \$    | 404  |

*Chesapeake Midstream Partners, L.P.* On September 30, 2009, we formed a joint venture with Global Infrastructure Partners (GIP), a New York-based private equity fund, to own and operate natural gas midstream assets. As part of the transaction, Chesapeake contributed certain natural gas gathering and processing assets to, and GIP purchased a 50% interest in, a new joint venture entity. The assets we contributed to the joint venture were substantially all of our midstream assets in the Barnett Shale and also the majority of our non-shale midstream assets in the Arkoma, Anadarko, Delaware and Permian Basins. During the fourth quarter of 2009, the joint venture was consolidated within our financial statements. Effective January 1, 2010, in accordance with new authoritative guidance for variable interest entities, we changed the accounting for our investment in the joint venture to the equity method. Adoption of this new guidance resulted in an after-tax cumulative effect charge to retained earnings of \$142 million, which is reflected in our consolidated statement of equity for the year ended December 31, 2010. This charge reflects the difference between the carrying value of our initial investment in the joint venture, which was recorded at carryover basis as an entity under common control, and the fair value of our equity in the joint venture as of the formation date.

On August 3, 2010, Chesapeake Midstream Partners, L.P. (NYSE: CHKM), completed an initial public offering of 24,437,500 common units (including 3,187,500 common units issued pursuant to the exercise of the underwriters' over-allotment option on August 3, 2010) representing limited partner interests and received gross offering proceeds of approximately \$513 million at an initial offering price of \$21.00 per unit less approximately \$38 million for underwriting discounts and commissions, structuring fees and offering expenses. Pursuant to the terms of our contribution agreement with GIP, CHKM distributed the approximate \$62 million of net proceeds from the exercise of the over-allotment option to GIP on August 3, 2010. In connection with the closing of the offering, Chesapeake and GIP contributed the interests of the midstream joint venture's operating subsidiary to CHKM, and CHKM is continuing the business that had been conducted by the joint venture. Common units owned by public security holders represent 17.7% of all outstanding limited partner interests, and Chesapeake and GIP hold 42.3% and 40.0%, respectively, of all outstanding limited partner interests. The limited partners, collectively, have a 98.0% interest in CHKM and the general partner, which is owned and controlled 50/50 by Chesapeake and GIP, has a 2.0% interest in CHKM.

During 2010, we recorded positive equity method adjustments of \$89 million for our share of CHKM's income and recorded accretion adjustments of \$14 million for our share of equity in excess of cost. As a result

#### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

of the initial public offering by CHKM in 2010, we recognized a \$90 million gain on our investment. The gain represented our proportionate share of the excess of offering proceeds over the carrying value of our investment in CHKM and is reported in earnings (losses) from equity investees on our statements of operations. The carrying value of our investment in CHKM is less than our underlying equity in net assets by approximately \$237 million as of December 31, 2010. This difference is being accreted over 20 years.

In 2010, we received cash distributions of \$88 million from CHKM and its predecessor.

*Frac Tech Holdings, LLC.* Frac Tech Holdings, LLC provides hydraulic fracturing and other services to oil and gas companies. In 2010, we made an additional \$100 million investment in Frac Tech, recorded positive equity method adjustments of \$55 million for our share of Frac Tech's income and recorded depreciation adjustments of \$25 million for our cost in excess of equity. In addition, in November 2010 and December 2010, we received cash distributions of \$52 million and \$6 million, respectively, from Frac Tech. The carrying value of our investment in Frac Tech is in excess of our underlying equity in net assets by approximately \$153 million as of December 31, 2010. This excess amount is attributed to certain intangibles associated with the specialty services provided by Frac Tech and is being amortized over the estimated life of the intangibles. We recently announced our intention to sell our interest in Frac Tech. The sale is subject to changes in market conditions and other factors, and there can be no assurance that we will complete the transaction on a timely basis or at all.

Chaparral Energy, Inc. Chaparral Energy, Inc. is an independent oil and natural gas company engaged in the production, acquisition and exploitation of oil and natural gas properties. In 2010, we recorded positive equity method adjustments of \$5 million for our share of Chaparral's income and depreciation adjustments of \$6 million for our cost in excess of equity. The carrying value of our investment in Chaparral is in excess of our underlying equity in net assets by approximately \$58 million as of December 31, 2010. This excess is attributed to the natural gas and oil reserves held by Chaparral and is being amortized over the estimated life of these reserves based on a unit of production rate. In addition, as a result of an equity offering by Chaparral to a third party in April 2010, we recognized a \$31 million gain on our investment in 2010. This gain represented our proportionate share of the excess of offering proceeds over the carrying value of our investment in Chaparral and is reported in earnings (losses) from equity investees on our statements of operations. Due to the dramatic decrease in natural gas and oil prices at the end of 2008 and into 2009 as a result of the slowing of the worldwide economy, on March 31, 2009 and December 31, 2008, we recognized an other than temporary impairment on our investment in Chaparral of \$51 million and \$100 million, respectively. We recently announced our intention to sell our investment in Chaparral. The sale is subject to changes in market conditions and other factors, and there can be no assurance that we will complete the transaction on a timely basis or at all.

Gastar Exploration Ltd. Gastar Exploration Ltd. (AMEX: GST) is an independent energy company engaged in the exploration, development and production of natural gas and oil in the U.S. During 2010, the common stock price of Gastar decreased from \$4.79 per share to \$4.30 per share. Due to the dramatic decrease in natural gas and oil prices at the end of 2008 and into 2009 as a result of the slowing of the worldwide economy, on March 31, 2009, we recognized an other than temporary impairment on our investment in Gastar of \$70 million. Our investment in Gastar had a historical cost basis of \$89 million as of December 31, 2010 and 2009.

Other. In 2010, we invested \$20 million for a 40% equity interest in Twin Eagle Resource Management LLC, a natural gas trading and management firm. In 2010, we recorded a \$16 million impairment of certain other equity investments. Our investees were impacted by the dramatic slowing of the worldwide economy and the tightening of the credit markets in the fourth quarter of 2008 and into 2009. The economic weakness resulted in significantly reduced natural gas and oil prices leading to a meaningful decline in the overall level of activity in the markets served by our investees. Associated with the weakness in performance of certain of the investees, as well as an evaluation of their financial condition and near-term prospects, we recognized that an other than temporary impairment had occurred on March 31, 2009 and December 31, 2008 of \$41 million and \$80 million, respectively.

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS – (Continued)

#### 13. Restructuring Costs

In 2009, we restructured our Charleston, West Virginia-based Eastern Division from a regional corporate headquarters to a regional field office consistent with the business model the company uses elsewhere in the country. As a result, we consolidated the management of our Eastern Division land, legal, accounting, information technology, geoscience and engineering departments into our corporate offices in Oklahoma City. The costs of the reorganization include termination benefits, consolidating or closing facilities and relocating employees. In addition, we had certain other workforce reductions that resulted in termination benefits. A summary of Chesapeake's restructuring costs is presented below:

|   | D  | Year Ended<br>December 31, 2009 |
|---|----|---------------------------------|
|   |    | (\$ in millions)                |
| Termination and relocation costs        | \$ | 22                              |
| Acceleration of restricted stock awards |    | 9                               |
| Other associated costs                  |    | 3                               |
| Total Restructuring Costs               | \$ | 34                              |

#### 14. Fair Value Measurements

Certain financial instruments are reported at fair value on the consolidated balance sheets. Under fair value measurement accounting guidance, fair value is defined as the amount that would be received from the sale of an asset or paid for the transfer of a liability in an orderly transaction between market participants, i.e., an exit price. To estimate an exit price, a three-level hierarchy is used. The fair value hierarchy prioritizes the inputs, which refer broadly to assumptions market participants would use in pricing an asset or a liability, into three levels. Level 1 inputs are unadjusted quoted prices in active markets for identical assets and liabilities and have the highest priority. Level 2 inputs are inputs other than quoted prices within Level 1 that are observable for the asset or liability, either directly or indirectly. Level 3 inputs are unobservable inputs for the financial asset or liability and have the lowest priority. Chesapeake uses a market valuation approach based on available inputs and the following methods and assumptions to measure the fair values of its assets and liabilities, which may or may not be observable in the market.

Cash Equivalents. The fair value of cash equivalents is based on quoted market prices.

*Investments*. The fair value of Chesapeake's investment in Gastar Exploration Ltd. (NYSE Amex: GST) common stock is based on a quoted market price.

Other Long-Term Assets and Liabilities. The fair value of other long-term assets and liabilities, consisting of obligations under our Deferred Compensation Plan, is based on quoted market prices.

Derivatives. The fair values of our commodity derivatives are based on a third-party pricing model which utilizes inputs that are either readily available in the public market, such as natural gas and oil forward curves and discount rates, or can be corroborated from active markets or broker quotes. These values are then compared to the values given by our counterparties for reasonableness. Since commodity swaps do not include optionality and therefore have no unobservable inputs, they are classified as Level 2. All other commodity derivatives have some level of unobservable input, such as volatility curves, and are therefore classified as Level 3. For interest rate and foreign currency derivatives, we use the fair value estimates provided by our respective counterparties, which are classified as Level 3 inputs. These values are reviewed internally for reasonableness using future interest rate curves and time to maturity. Derivatives are also subject to the risk that counterparties will be unable to meet their obligations. We factor in non-performance risk in the valuation of our derivatives using current published credit default swap rates. To date this has not had a material impact on the values of our derivatives.

*Debt.* The fair value of certain of our long-term debt is based on the face amount of that debt along with the value of related interest rate swaps.

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS – (Continued)

The following table provides fair value measurement information for financial assets (liabilities) measured at fair value on a recurring basis as of December 31, 2010:

|                                 | Quoted<br>Prices in<br>Active Markets<br>(Level 1) | Significant<br>Other<br>Observable<br>Inputs<br>(Level 2)<br>(\$ in m | Significant<br>Unobservable<br>Inputs<br>(Level 3) | Total<br>Fair Value |
|---------------------------------|--|---|--|---------------------|
| Financial Assets (Liabilities): |  | (\$   | inionsy  |                     |
| Cash equivalents                | \$ 102   | \$ —  | \$   | \$ 102              |
| Investments                     | 29   |   |  | 29                  |
| Other long-term assets          | 52   |   |  | 52                  |
| Long-term debt                  | —  |   | (1,371)  | (1,371)             |
| Other long-term liabilities     | (52)   | _   |  | (52)                |
| Derivatives:                    |  |   |  |                     |
| Commodity assets                |  | 1,364   | 105  | 1,469               |
| Commodity liabilities           | _  | (59)  | (2,059)  | (2,118)             |
| Interest rate liabilities       |  |   | (69)   | (69)                |
| Foreign currency liabilities    |  |   | (43)   | (43)                |
| Total derivatives               |  | 1,305   | (2,066)  | (761)               |
| Total                           | \$ 131   | \$ 1,305  | \$ (3,437)   | \$ (2,001)          |

The following table provides fair value measurement information for financial assets (liabilities) measured at fair value on a recurring basis as of December 31, 2009:

|                                 | Quoted<br>Prices in<br>Active Markets<br>(Level 1) | Significant<br>Other<br>Observable<br>Inputs<br>(Level 2) | Significant<br>Unobservable<br>Inputs<br>(Level 3) | Total<br>Fair Value |
|---------------------------------|--|---|--|---------------------|
|                                 |  | (\$ in mi   | llions)  |                     |
| Financial Assets (Liabilities): |  |   |  |                     |
| Cash equivalents                | \$ 307   | \$ —  | \$ _ \$  | 5 307               |
| Investments                     | 32   | _   |  | 32                  |
| Other long-term assets          | 34   | <u> </u>  |  | 34                  |
| Long-term debt                  |  |   | (1,398)  | (1,398)             |
| Other long-term liabilities     | (34)   | —   |  | (34)                |
| Derivatives:                    |  |   |  |                     |
| Commodity assets                | <u> </u>   | 693   | 143  | 836                 |
| Commodity liabilities           |  | (1)   | (809)  | (810)               |
| Interest rate liabilities       |  |   | (132)  | (132)               |
| Foreign currency assets         |  |   | 43   | 43                  |
| Total derivatives               | . <u></u>  | 692   | (755)  | (63)                |
| Total                           | \$ 339   | \$ 692  | \$ (2,153)   | \$ (1,122)          |

#### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS – (Continued)

A summary of the changes in Chesapeake's assets (liabilities) classified as Level 3 measurements during 2010 and 2009 is presented below:

|   |           | C                  |                  |                     |             |                     |
|---|-----------|--------------------|------------------|---------------------|-------------|---------------------|
|   | Commodity |                    | Interest<br>Rate | Foreign<br>Currency |             | Debt                |
|   |           |                    | (\$ in m         | illions)            |             |                     |
| Beginning Balance as of<br>January 1, 2010<br>Total gains (losses) (realized/unrealized): | \$        | (666) \$           | (132)            | \$ 43               | \$          | (1,398)             |
| Included in earnings or change in net   |           | 378                | 14               |                     |             |                     |
| assets (unrealized) <sup>(a)</sup><br>Included in other comprehensive income              |           | (1,492)            | 46               | (63                 | -           | 77                  |
| (loss)<br>Purchases, issuances and settlements<br>Transfers in and out of Level 3         |           | (25)<br>(149)<br>  | 3                | (23                 | ·)          | (50) <sup>(b)</sup> |
| Ending Balance as of December 31, 2010  | \$        | (1,954) \$         | (69)             | \$ (43              | ) \$        | (1,371)             |
| Beginning Balance as of<br>January 1, 2009<br>Total gains (losses) (realized/unrealized): | \$        | 432 \$             | (63)             | )\$ (77             | ·)\$        | (1,470)             |
| Included in earnings or change in net   |           | 879                | 23               |                     | -           |                     |
| assets (unrealized) <sup>(a)</sup>  |           | (988)              | 91               | 25                  | 5           | (128)               |
| (loss)<br>Purchases, issuances and settlements<br>Transfers in and out of Level 3         |           | 28<br>(1,017)<br>— | (183)            | ) —                 | ;<br>-<br>- | 200 <sup>(b)</sup>  |
| Ending Balance as of December 31, 2009  | \$        | (666) \$           | (132             | ) \$ 43             | s           | (1,398)             |

(a) Amounts related to commodity derivatives are included in natural gas and oil sales, and amounts related to interest rate and foreign currency derivatives and debt are included in Interest Expense.

(b) Amount represents a(n) (increase)/decrease in debt recorded at fair value as a result of new or terminated interest rate swaps.

Fair Value of Other Financial Instruments

The following disclosure of the estimated fair value of financial instruments is made in accordance with accounting guidance for financial instruments. We have determined the estimated fair values by using available market information and valuation methodologies. Considerable judgment is required in interpreting market data to develop the estimates of fair value. The use of different market assumptions or valuation methodologies may have a material effect on the estimated fair value amounts.

The carrying values of financial instruments comprising current assets and current liabilities approximate fair values due to the short-term maturities of these instruments. We estimate the fair value of our long-term debt and our convertible preferred stock primarily using quoted market prices. Fair value is compared to the carrying value, excluding the impact of interest rate derivatives, in the table below.

|                             |                    | December 31, 2010 |                         |            |       | Decemb | er 31, 2009             |        |
|-----------------------------|--------------------|-------------------|-------------------------|------------|-------|--------|-------------------------|--------|
|                             | Carrying<br>Amount |                   | Estimated<br>Fair Value |            | , ,   |        | Estimated<br>Fair Value |        |
|                             |                    |                   |                         | (\$ in mil | llior | าร)    |                         |        |
| Long-term debt              | \$                 | 12,631            | \$                      | 13,272     | \$    | 12,226 | \$                      | 12,824 |
| Convertible preferred stock | \$ 3,065           |                   | \$                      | 3,019      | \$    | 466    | \$                      | 401    |

# NOTES TO CONSOLIDATED FINANCIAL STATEMENTS – (Continued)

## 15. Asset Retirement Obligations

The components of the change in our asset retirement obligations are shown below.

|   | Ye | Years Ended December 31, |         |      |  |
|---|----|--------------------------|---------|------|--|
|   |    | 2010                     |         | 2009 |  |
|   |    | (\$ in mi                | illions | ;)   |  |
| Asset retirement obligations, beginning of period | \$ | 282                      | \$      | 269  |  |
| Additions   |    | 16                       |         | 14   |  |
| Revisions   |    | ·                        |         | (3)  |  |
| Settlements and disposals                         |    | (12)                     |         | (15) |  |
| Accretion expense                                 |    | 15                       |         | 17   |  |
| Asset retirement obligations, end of period       | \$ | 301                      | \$      | 282  |  |

## 16. Major Customers and Segment Information

There were no sales to individual customers constituting 10% or more of total revenues (before the effects of hedging) for the year ended December 31, 2010. Major customers for the years ended December 31, 2009 and 2008 were as follows:

| Year Ended<br>December 31, | Customer                      | Am       | ount      | Total Revenues |
|----------------------------|-------------------------------|----------|-----------|----------------|
|                            |                               | (\$ in n | nillions) |                |
| 2009                       | EDF Trading North America LLC | \$       | 571       | 10%            |
| 2008                       | Eagle Energy Partners I, L.P. | \$       | 1,283     | 12%            |

In accordance with accounting guidance for disclosures about segments of an enterprise and related information, we have two reportable operating segments. Our exploration and production operating segment and natural gas and oil marketing, gathering and compression operating segment are managed separately because of the nature of their products and services. The exploration and production segment is responsible for finding and producing natural gas and oil. The marketing, gathering and compression segment is responsible for marketing, gathering and compression of natural gas and oil primarily from Chesapeake-operated wells. We also have drilling rig and trucking operations which are responsible for providing drilling rigs on both Chesapeake-operated wells and wells operated by third parties. Our drilling rig and trucking service operations are presented in "Other Operations" in the table below.

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

Management evaluates the performance of our segments based upon income (loss) before income taxes. Revenues from the sale of natural gas and oil related to Chesapeake's ownership interests by the marketing, gathering and compression segment are reflected as exploration and production revenues. Such amounts totaled \$4.0 billion, \$2.9 billion and \$5.5 billion for 2010, 2009 and 2008, respectively. The following tables present selected financial information for Chesapeake's operating segments.

|  | Exploration<br>and<br>Production | Marketing,<br>Gathering and<br>Compression | Other<br>Operations<br>(\$ in millions) | Intercompany<br>Eliminations | Consolidated<br>Total |
|--|----------------------------------|--|---|------------------------------|-----------------------|
| For the Year Ended<br>December 31, 2010:<br>Revenues<br>Intersegment | \$ 5,647                         | ·  | \$ 757                                  |                              | \$ 9,366              |
| revenues   |                                  | (3,954)                                    | (517)                                   | 4,471                        |                       |
| Total revenues<br>Depreciation, depletion<br>and                     | 5,647                            | 3,479                                      | 240                                     | · · · · ·                    | 9,366                 |
| amortization<br>Other income   | 1,546                            | 44   | .93                                     | (69)                         | 1,614                 |
| (expense)  | 14                               | 2  | _                                       |                              | 16                    |
| Interest expense<br>Impairment of                                    | (13)                             |  | —                                       | —                            | (19)                  |
| investments<br>(Gains) losses on sale<br>of other<br>property and    | (16)                             |  |   | _                            | (16)                  |
| equipment  | 2                                | (139)                                      |   |                              | (137)                 |
| Other impairments<br>Losses on redemptions<br>or                     |                                  | 20   | 1                                       |                              | 21                    |
| exchanges of debt<br>Earnings (losses) from<br>equity                | (129)                            | _  |   |                              | (129)                 |
| investees<br>INCOME (LOSS)<br>BEFORE                                 | 34                               | 193  | _                                       | _                            | 227                   |
| INCOME TAXES   | \$ 2,561                         | \$ 362                                     | \$ (29)                                 | \$ (10)                      | \$ 2,884              |
| TOTAL ASSETS   |                                  |  | \$ 854                                  |                              |                       |
| EXPENDITURES   | \$ 8,671                         | \$ (2,011)(                                | a)\$ 269                                | \$                           | \$ 6,929              |

(a) Effective January 1, 2010, in accordance with new authoritative guidance for variable interest entities, we ceased consolidating our midstream joint venture with Global Infrastructure Partners within our financial statements.

# NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

|  | Exploration<br>and<br>Production | Marketing,<br>Gathering and<br>Compression |               | Other<br>Operations | Intercompany<br>Eliminations | Consolidated<br>Total        |
|--|----------------------------------|--|---------------|---------------------|------------------------------|------------------------------|
|  |                                  |  | - (\$         | in millions)        |                              |                              |
| For the Year Ended<br>December 31, 2009:                                     |                                  |  |               |                     | ¢ (0.400)                    | <b>• - - - - - - - - - -</b> |
| Revenues   | \$ 5,049                         |  |               |                     |                              | \$ 7,702                     |
| revenues   |                                  | (2,87                                      | <u>8)</u>     | (224)               | 3,102                        |                              |
| Total revenues<br>Depreciation, depletion                                    | 5,049                            | 2,46                                       | 3             | 190                 | —                            | 7,702                        |
| and amortization<br>Other income   | 1,556                            | 4  | 4             | 50                  | (35)                         |                              |
| (expense)  | 9<br>(113)                       |  | 3<br>[1]      | · 1                 | (2)<br>1                     | 11<br>(113)                  |
| Impairment of natural gas and oil properties                                 | 11,000                           | -  |               |                     |                              | 11,000                       |
| Impairment of<br>investments   | (162)                            | ) –  | _             |                     |                              | (162)                        |
| (Gains) losses on sale of<br>other property and<br>equipment                 |                                  |  | 88            |                     |                              | 38                           |
| Other impairments<br>Losses on redemptions or                                | 13                               |  | 90            | 27                  |                              | 130                          |
| exchanges of debt<br>Earnings (losses) from                                  |                                  | ) -  |               |                     |                              | (40)                         |
| equity investees<br>INCOME (LOSS)<br>BEFORE INCOME                           | (39                              | ) -  |               | _                   | —                            | (39)                         |
| TAXES<br>TOTAL ASSETS<br>NET CAPITAL   |                                  |  | 18) S<br>23 S | \$                  |                              | \$ (9,288)<br>)\$ 29,914     |
| EXPENDITURES   | \$ 4,837                         | \$ 96                                      | 66 9          | \$ 290              | \$ —                         | \$ 6,093                     |
| For the Year Ended   |                                  |  |               | 1                   |                              |                              |
| December 31, 2008:<br>Revenues   | \$ 7,858                         | 3 \$ 9,12                                  | 26 \$         | \$ 631              | \$ (5,986                    | )\$ 11,629                   |
| Intersegment<br>revenues   |                                  | - (5,52                                    | 28)           | (458                |                              |                              |
| Total revenues<br>Depreciation, depletion                                    |                                  |  |               | 173                 |                              | 11,629                       |
| and amortization<br>Other income   |                                  |  | 28            | 35                  |                              |                              |
| (expense)<br>Interest expense<br>Impairment of natural gas                   | . (271                           |  | 6<br>(2)      |                     | (6<br>2                      |                              |
| and oil properties   |                                  | )  |               |                     | · · ·                        | - 2,800                      |
| investments  |                                  |  | <br>30        |                     | ·                            | - (180)<br>- 30              |
| Losses or redemptions on<br>exchanges of debt                                |                                  | 4)   |               |                     |                              | - (4)                        |
| Earnings (losses) from<br>equity investees<br>INCOME (LOSS)<br>BEFORE INCOME | . (38                            | 3)   |               |                     | . <u>.</u>                   | - (38)                       |
| TAXES<br>TOTAL ASSETS<br>NET CAPITAL   |                                  |  |               | \$82<br>\$465       |                              | 7) \$ 991<br>3) \$ 38,593    |
| EXPENDITURES   | .\$ 7,658                        | 8 \$ 1,7                                   | 65            | \$ 229              | )\$                          | - \$ 9,652                   |

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS – (Continued)

## 17. Condensed Consolidating Financial Information

Chesapeake Energy Corporation is a holding company and owns no operating assets and has no significant operations independent of its subsidiaries. Our obligations under our outstanding senior notes and contingent convertible senior notes listed in Note 3 are fully and unconditionally guaranteed, jointly and severally, by certain of our wholly owned subsidiaries on a senior unsecured basis. Our midstream subsidiary, CMD, is not a guarantor and is subject to covenants in the midstream revolving bank credit facility referred to in Note 3 that restricts it from paying dividends or distributions or making loans to Chesapeake.

Set forth below are condensed consolidating financial statements for Chesapeake Energy Corporation (parent) on a stand-alone, unconsolidated basis, and its combined guarantor and combined non-guarantor subsidiaries as of December 31, 2010 and 2009 and for the years ended December 31, 2010, 2009 and 2008. The financial information may not necessarily be indicative of results of operations, cash flows or financial position had the subsidiaries operated as independent entities.

## CONDENSED CONSOLIDATING BALANCE SHEET AS OF DECEMBER 31, 2010 (\$ in millions)

|   | Parent      | Guarantor<br>Subsidiaries | Non-Guarantor<br>Subsidiaries | Eliminations | Consolidated |
|---|-------------|---------------------------|-------------------------------|--------------|--------------|
| CURRENT ASSETS:   |             | ·······                   | t                             |              |              |
| Cash and cash equivalents                                     |             | \$ 2                      | \$ 100                        | \$           | \$ 102       |
| Other   | 7           | 3,065                     | 123                           | (31)         |              |
| Total Current Assets  | 7           | 3,067                     | 223                           | (31)         | 3,266        |
| PROPERTY AND EQUIPMENT:                                       |             |                           |                               |              |              |
| Natural gas and oil properties, at<br>cost based on full-cost |             |                           |                               |              |              |
| accountingOther property and equipment,                       |             | 27,822                    | 4                             |              | 27,826       |
| net   |             | 3,230                     | 1,322                         | <u> </u>     | 4,552        |
| Total Property and Equipment                                  |             | 31,052                    | 1,326                         |              | 32,378       |
| Other assets  | 166         | 669                       | 700                           |              | 1,535        |
| intercompany advance  | 1,217       | 263                       |                               | (1,480)      |              |
| TOTAL ASSETS  | \$ 1,390    | \$ 35,051                 | \$ 2,249                      | \$ (1,511)   | \$ 37,179    |
| CURRENT LIABILITIES:  |             |                           |                               |              |              |
| Current liabilities<br>Intercompany payable (receivable)      | \$ 302      | \$ 4,082                  | \$ 137                        | \$ (31)      | \$ 4,490     |
| from parent   | (23,664)    | 21,939                    | 1,612                         | 113          |              |
| Total Current Liabilities                                     | (23,362)    | 26,021                    | 1,749                         | 82           | 4,490        |
| LONG-TERM LIABILITIES:  |             |                           |                               |              |              |
| Long-term debt, net   | 8,934       | 3,612                     | 94                            | —            | 12,640       |
| Deferred income tax liabilities                               | 482         | 1,879                     | 136                           | (113)        | 2,384        |
| Other liabilities   |             | 2,322                     | 7                             |              | 2,401        |
| Total Long-Term Liabilities                                   | 9,488       | 7,813                     | 237                           | (113)        | 17,425       |
| EQUITY:   |             |                           | <u> </u>                      |              |              |
| Chesapeake stockholders' equity<br>Noncontrolling interest    | 15,264<br>— | 1,217                     | 263                           | (1,480)      | 15,264       |
| Total Equity  | 15,264      | 1,217                     | 263                           | (1,480)      | 15,264       |
| TOTAL LIABILITIES AND   |             |                           |                               |              |              |
| EQUITY  | \$ 1,390    | \$ 35,051                 | \$ 2,249                      | \$ (1,511)   | \$ 37,179    |

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS – (Continued)

## CONDENSED CONSOLIDATING BALANCE SHEET AS OF DECEMBER 31, 2009 (\$ in millions)

|   | Parent   | Guarantor<br>Subsidiaries | Non-Guarantor<br>Subsidiaries | Eliminations | Consolidated |
|---|----------|---------------------------|-------------------------------|--------------|--------------|
| CURRENT ASSETS:                                 |          |                           |                               |              |              |
| Cash and cash                                   |          |                           |                               |              |              |
| equivalents                                     | <b>~</b> |                           |                               |              |              |
| Other   |          | 2,031                     | 166                           | (85)         |              |
| Total Current Assets                            | 27       | 2,324                     | 180                           | (85)         | )2,446       |
| PROPERTY AND                                    |          |                           |                               |              |              |
| EQUIPMENT:<br>Natural gas and oil               |          |                           |                               | с.<br>С.     |              |
| properties, at cost based                       |          |                           |                               |              |              |
| on full-cost accounting                         | _        | 20,788                    | 4                             |              | 20,792       |
| Other property and                              |          |                           |                               |              | 5 0 1 0      |
| equipment, net                                  |          | 2,903                     | 3,015                         |              | 5,918        |
| Total Property and                              |          | 00.004                    | 0.040                         |              | 00 740       |
| Equipment                                       | ·        | 23,691                    | 3,019                         |              | 26,710       |
| Other assets                                    | 197      | 541                       | 20                            | <u></u>      | 758          |
| Investments in subsidiaries<br>and intercompany |          |                           |                               | 1 - 4<br>-   |              |
| advance   | 3,029    | 262                       |                               | (3,291       | ) —          |
| TOTAL ASSETS                                    |          | \$ 26,818                 | \$ 3,219                      |              |              |
| CURRENT LIABILITIES:                            |          |                           | <u> </u>                      |              | ·            |
| Current liabilities                             | \$ 277   | \$ 2,261                  | \$ 235                        | \$ (85       | i)\$ 2,688   |
| Intercompany payable                            | 7        | · · ·                     |                               | , v          | ,            |
| (receivable) from parent                        | (19,388) | 17,572                    | 1,729                         | 87           |              |
| Total Current Liabilities                       | (19,111) | 19,833                    | 1,964                         | 2            | 2,688        |
| LONG-TERM LIABILITIES:                          |          |                           |                               |              |              |
| Long-term debt, net                             | 10,359   | 1,892                     | 44                            |              | - 12,295     |
| Deferred income tax                             | 393      | 704                       | . 49                          | (87          | ') 1,059     |
| liabilities                                     |          | 1,360                     |                               | •            | - 1,531      |
| Total Long-Term                                 |          |                           |                               |              |              |
| Liabilities                                     | 10,920   | 3,956                     | 96                            | ; (87        | 7) 14,885    |
| EQUITY:   |          |                           |                               | · ·····      | z'           |
| Chesapeake stockholders'                        |          |                           |                               |              |              |
| equity  | 11,444   | 3,029                     |                               |              |              |
| Noncontrolling interest                         |          |                           | - 897                         | · ····       | 897          |
| Total Equity                                    | 11,444   | 3,029                     | 1,159                         | (3,291       | 1) 12,341    |
| TOTAL LIABILITIES AND                           | •        | •                         |                               |              |              |
| EQUITY  | \$ 3,253 | \$ 26,818                 | 3 \$ 3,219                    | 9 \$ (3,376  | 6) \$ 29,914 |

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## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

## CONDENSED CONSOLIDATING STATEMENT OF OPERATIONS FOR THE YEAR ENDED DECEMBER 31, 2010 (\$ in millions)

|  | Parent   | Guarantor<br>Subsidiaries | Non-Guarantor<br>Subsidiaries | Eliminations | Consolidated |
|--|----------|---------------------------|-------------------------------|--------------|--------------|
| REVENUES:  |          |                           |                               |              | <u></u>      |
| Natural gas and oil sales Marketing, gathering and | \$ —     | \$ 5,647                  | \$ —                          | \$ —         | \$ 5,647     |
| compression sales                                  |          | 3,368                     | 248                           | (137)        | 3,479        |
| Service operations revenue                         |          | 240                       |                               |              | 240          |
| Total Revenues                                     |          | 9,255                     | 248                           | (137)        | 9,366        |
| OPERATING COSTS:                                   |          |                           |                               |              |              |
| Production expenses                                |          | 893                       |                               | _            | 893          |
| Production taxes                                   |          | 157                       |                               |              | 157          |
| General and administrative                         |          |                           |                               |              |              |
| expenses   | 2        | 421                       | 30                            |              | 453          |
| Marketing, gathering and                           |          |                           |                               |              |              |
| compression expenses                               | —        | 3,293                     | 125                           | (66)         | 3,352        |
| Service operations expense                         |          | 208                       |                               | <br>         | 208          |
| Natural gas and oil depreciation,                  |          |                           |                               |              |              |
| depletion and amortization                         | —        | 1,394                     | _                             |              | 1,394        |
| Depreciation and amortization of                   |          | 470                       | 50                            |              |              |
| other assets                                       |          | 170                       | 50                            |              | 220          |
| property and equipment                             |          | 2                         | (120)                         | ,            | (4:07)       |
| Other impairments                                  |          | 1                         | (139)<br>20                   | )            | (137)<br>21  |
| Total Operating Costs                              |          | 6,539                     | 86                            | (66)         | ······       |
| INCOME (LOSS) FROM                                 |          |                           |                               | (00)         |              |
| OPERATIONS   | (2)      | )2,716                    | 162                           | (71)         | 2,805        |
| OTHER INCOME (EXPENSE):                            |          |                           |                               |              |              |
| Interest expense<br>Earnings (losses) from equity  | (637)    | ) (99)                    | ) (1)                         | ) 718        | (19)         |
| investees  |          | 34                        | 193                           |              | 227          |
| Losses on redemptions or                           | (        |                           |                               |              |              |
| exchanges of debt                                  | (129)    |                           |                               |              | (129)        |
| Impairment of investments                          |          | (16)                      |                               |              | (16)         |
| Other income (expense)                             | 718      | 11                        | 5                             | (718)        | 16           |
| subsidiary   | 1,805    | 177                       |                               | (1,982)      | · —          |
| Total Other Income                                 |          |                           |                               |              |              |
| (Expense)  | 1,757    | 107                       | 197                           | (1,982)      | 79           |
| INCOME (LOSS) BEFORE                               |          |                           |                               |              |              |
| INCOME TAXES<br>INCOME TAX EXPENSE                 | 1,755    | 2,823                     | 359                           | (2,053)      | 2,884        |
| (BENEFIT)  | (19)     | ) 1,018                   | 138                           | (27)         | 1,110        |
| NET INCOME (LOSS)                                  | \$ 1,774 | \$ 1,805                  | \$ 221                        | \$ (2,026)   |              |

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS – (Continued)

## CONDENSED CONSOLIDATING STATEMENT OF OPERATIONS FOR THE YEAR ENDED DECEMBER 31, 2009 (\$ in millions)

|  | Parent     | Guarantor<br>Subsidiaries | Non-Guarantor<br>Subsidiaries | Eliminations                                 | Consolidated |
|--|------------|---------------------------|-------------------------------|--|--------------|
| REVENUES:  |            |                           |                               |  |              |
| Natural gas and oil sales \$                     |            | \$ 5,049                  | \$ —                          | \$   | \$ 5,049     |
| Marketing, gathering and                         |            | 0.404                     | F10                           | (000)  | 2 462        |
| compression sales                                |            | 2,181<br>190              | 510                           | (228)  | 2,463<br>190 |
| Service operations revenue                       |            |                           |                               |  |              |
| Total Revenues                                   |            | 7,420                     | 510                           | (228)  | 7,702        |
| OPERATING COSTS:                                 |            |                           |                               |  |              |
| Production expenses                              |            | 877                       | (1)                           |  | 876          |
| Production taxes                                 |            | 107                       |                               |  | 107          |
| General and administrative                       |            | 210                       | 31                            |  | 349          |
| expenses   |            | 318                       | 51                            | —  | 345          |
| Marketing, gathering and<br>compression expenses |            | 2,125                     | 201                           | (10)   | 2,316        |
| Service operations expense                       |            | 182                       |                               |  | 182          |
| Natural gas and oil                              |            |                           |                               |  |              |
| depreciation, depletion and                      |            |                           |                               |  |              |
| amortization                                     |            | 1,371                     | _                             | —  | 1,371        |
| Depreciation and amortization                    |            | 140                       | 0E                            |  | 244          |
| of other assets                                  |            | 149                       | 95                            |  | 244          |
| Impairment of natural gas and<br>oil properties  |            | 11,000                    | _                             | _  | 11,000       |
| (Gains) losses on sales of                       |            | 11,000                    |                               |  |              |
| other property and                               |            |                           |                               |  |              |
| equipment  | —          |                           | 38                            |  | 38           |
| Other impairments                                | —          | 40                        |                               | —  | 130          |
| Restructuring costs                              |            | 34                        |                               |  | 34           |
| Total Operating Costs                            |            | 16,203                    | 454                           | (10)   | 16,647       |
| INCOME (LOSS) FROM                               |            |                           |                               | (0, ( 0))                                    |              |
| OPERATIONS                                       |            | (8,783                    | ) 56                          | (218)  | (8,945)      |
| OTHER INCOME (EXPENSE):                          |            |                           |                               |  |              |
| Interest expense                                 | (652)      | ) (145                    | i) (1                         | ) 685  | (113)        |
| Earnings (losses) from equity                    |            | (00                       |                               |  | (20)         |
| investees  |            | (39                       | n) —                          |  | (39)         |
| Losses on redemptions or<br>exchanges of debt    | (40        | )                         |                               |  | (40)         |
| Impairment of investments                        | (+0        | ,<br>(162                 | 2)                            |  | (162)        |
| Other income (expense)                           | 685        |                           | ·                             | ) (685)                                      |              |
| Equity in net earnings of                        |            |                           |                               |  |              |
| subsidiary                                       | (5,826     | )(153                     | <u> </u>                      | 5,979  |              |
| Total Other Income                               |            |                           |                               |  |              |
| (Expense)  | (5,833     | ) (446                    | 6) (43                        | ) 5,979                                      | (343)        |
| INCOME (LOSS) BEFORE                             |            |                           |                               |  |              |
| INCOME TAXES                                     | (5,833     | ) (9,229                  | 9) 13                         | 5,761  | (9,288)      |
| INCOME TAX EXPENSE                               | (0)        |                           |                               |  | (2,402)      |
| (BENEFIT)  | (3         |                           |                               |  |              |
| NET INCOME (LOSS)                                | (5,830     | ) (5,826                  | <u> </u>                      | 5,843  | (5,805)      |
| Net (income) loss attributable                   |            |                           |                               | •  |              |
| to noncontrolling interest                       |            | ·                         |                               | <u>)                                    </u> | (25)         |
| NET INCOME (LOSS)                                |            |                           |                               |  |              |
| ATTRIBUTABLE TO                                  |            | ¢ (F.00)                  | እስ<br>ለ በ                     |  | ¢ (E 020)    |
| CHESAPEAKE                                       | \$ (5,830) | \$ (5,826                 | 5) <b>\$</b> (17              | <u> </u>                                     | \$ (5,830)   |

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## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS – (Continued)

## CONDENSED CONSOLIDATING STATEMENT OF OPERATIONS FOR THE YEAR ENDED DECEMBER 31, 2008 (\$ in millions)

|                            | Parent | Guarantor<br>Subsidiaries         | Non-Guarantor<br>Subsidiaries         | Eliminations | Consolidated |
|----------------------------|--------|-----------------------------------|---------------------------------------|--------------|--------------|
| REVENUES:                  |        |                                   |                                       |              |              |
| Natural gas and oil sales  | \$     | \$ 7,858                          | \$ —                                  | \$ —         | \$ 7,858     |
| Marketing, gathering and   |        |                                   |                                       |              |              |
| compression sales          |        | 3,420                             | 333                                   | (155)        | 3,598        |
| Service operations         |        | 170                               |                                       |              | 1=0          |
| revenue                    |        | 173                               |                                       |              | 173          |
| Total Revenues             |        | 11,451                            | 333                                   | (155)        | 11,629       |
| OPERATING COSTS:           |        |                                   |                                       |              |              |
| Production expenses        | —      | 890                               | (1)                                   | <u></u>      | 889          |
| Production taxes           |        | 284                               |                                       |              | 284          |
| General and administrative |        |                                   |                                       |              |              |
| expenses                   |        | 364                               | 13                                    |              | 377          |
| Marketing, gathering and   |        |                                   |                                       |              |              |
| compression                |        |                                   |                                       |              |              |
| expenses                   |        | 3,363                             | 142                                   | <u> </u>     | 3,505        |
| Service operations         |        |                                   |                                       |              |              |
| expense                    | —      | 143                               | —                                     |              | 143          |
| Natural gas and oil        |        |                                   |                                       |              |              |
| depreciation, depletion    |        |                                   |                                       |              |              |
| and amortization           |        | 1,970                             |                                       |              | 1,970        |
| Depreciation and           |        |                                   |                                       |              |              |
| amortization of other      |        |                                   |                                       | <i></i>      |              |
| assets                     | 14     | 129                               | 48                                    | (17)         | 174          |
| Impairment of natural gas  |        | 0.000                             |                                       |              | 0.000        |
| and oil properties         |        | 2,800                             |                                       |              | 2,800        |
| Other impairments          |        |                                   | 30                                    |              |              |
| Total Operating Costs      | 14     | 9,943                             | 232                                   | (17)         | 10,172       |
| INCOME (LOSS) FROM         |        |                                   |                                       |              |              |
| OPERATIONS                 | (14    | )1,508                            | 101                                   | (138)        | 1,457        |
| OTHER INCOME               |        |                                   |                                       |              |              |
| (EXPENSE):                 |        |                                   |                                       |              |              |
| Interest expense           | (630   | ) (197                            | ) (2)                                 | 558          | (271)        |
| Earnings (losses) from     |        | •                                 | , , , , , , , , , , , , , , , , , , , |              |              |
| equity investees           |        | (38                               | ) —                                   |              | (38)         |
| Losses on redemptions or   |        |                                   |                                       |              |              |
| exchanges of debt          | (4     | )                                 |                                       |              | (4)          |
| Impairment of              |        |                                   |                                       |              |              |
| investments                |        | (180                              | /                                     |              | (180)        |
| Other income (expense)     | 558    | 21                                | 6                                     | (558)        | 27           |
| Equity in net earnings of  |        |                                   |                                       |              |              |
| subsidiary                 | 659    | (20                               | )                                     | (639)        |              |
| Total Other Income         |        |                                   |                                       |              |              |
| (Expense)                  | 583    | (414                              | ) 4                                   | (639)        | (466)        |
| INCOME (LOSS) BEFORE       |        |                                   | <u></u>                               |              | ··           |
| INCOME TAXES               | 569    | 1,094                             | 105                                   | (777)        | 991          |
| INCOME TAX EXPENSE         | 200    | .,                                |                                       | (.,,)        | 001          |
| (BENEFIT)                  | (35    | ) 435                             | 41                                    | (54)         | 387          |
| NET INCOME (LOSS)          |        | · · _ · · · · · · · · · · · · · · |                                       | \$ (723)     |              |
| (                          |        |                                   |                                       | - (120)      |              |

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS – (Continued)

## CONDENSED CONSOLIDATING STATEMENTS OF CASH FLOWS FOR THE YEAR ENDED DECEMBER 31, 2010 (\$ in millions)

|  | Parent   | Guarantor<br>Subsidiaries | Non-Guarantor<br>Subsidiaries | Eliminations | Consolidated  |
|--|----------|---------------------------|-------------------------------|--------------|---------------|
| CASH FLOWS FROM<br>OPERATING<br>ACTIVITIES   | \$       | \$ 4,758                  | \$ 359                        | \$ —         | \$ 5,117      |
| CASH FLOWS FROM<br>INVESTING<br>ACTIVITIES:  | <u>.</u> |                           | ·                             |              |               |
| Additions to natural gas<br>and oil properties<br>Proceeds from<br>divestitures of natural     |          | (12,187)                  |                               |              | (12,187)      |
| gas and oil<br>properties<br>Additions to other<br>property and                                |          | 4,292                     | _                             | _            | 4,292         |
| equipment<br>Other investing   |          | (561)                     |                               |              | (1,326)       |
| activities   |          | 329                       | 659                           | (270)        | 718           |
| Cash used in investing activities  |          | (8,127)                   | )(106)                        | )(270)       | (8,503)       |
| CASH FLOWS FROM<br>FINANCING<br>ACTIVITIES:  |          |                           |                               |              |               |
| Proceeds from credit<br>facilities borrowings<br>Payments on credit                            |          | 14,384                    | 733                           |              | 15,117        |
| facilities borrowings<br>Proceeds from issuance  |          | (12,664                   | ) (639)                       | ) —          | (13,303)      |
| of senior notes, net of<br>offering costs<br>Proceeds from preferred<br>stock, net of offering | 1,967    | _                         |                               |              | 1,967         |
| costs<br>Cash paid to redeem   | 2,562    |                           | _                             |              | 2,562         |
| debt<br>Other financing  | (3,434)  | ) —                       | _                             |              | (3,434)       |
| activities   | (339)    | ) 1,158                   | (277                          | ) (270)      | ) 272         |
| net  | (756     | )200                      | 16                            | 540          |               |
| Cash provided by<br>(used in) financing<br>activities  |          | 3,078                     | (167                          | ) 270        | 3,181         |
| Net increase (decrease) in cash and cash   |          |                           | <u> </u>                      | /            | <u></u>       |
| equivalents<br>Cash and cash<br>equivalents, beginning of                                      | · ·      | (291                      |                               |              | (205)         |
| period   |          | 293                       | 14                            |              |               |
| Cash and cash<br>equivalents, end of<br>period   | \$       | \$ 2                      | \$ 100                        | \$           | <u>\$ 102</u> |
| P  | <u> </u> |                           |                               |              |               |

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## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS – (Continued)

## CONDENSED CONSOLIDATING STATEMENTS OF CASH FLOWS FOR THE YEAR ENDED DECEMBER 31, 2009 (\$ in millions)

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|  | Parent  | Guarantor<br>Subsidiaries | Non-Guarantor<br>Subsidiaries | Eliminations | Consolidated |
|--|---------|---------------------------|-------------------------------|--------------|--------------|
| CASH FLOWS FROM<br>OPERATING<br>ACTIVITIES   | \$      | \$ 4,512                  | \$ (156)                      | \$           | \$ 4,356     |
| CASH FLOWS FROM<br>INVESTING<br>ACTIVITIES:<br>Additions to natural gas                          |         |                           |                               |              |              |
| and oil properties<br>Proceeds from<br>divestitures of natural<br>gas and oil                    | _       | (5,840)                   |                               | _            | (5,840)      |
| properties<br>Additions to other<br>property and   |         | 1,926                     |                               | _            | 1,926        |
| equipment<br>Other investing   |         | (894)                     | ) (789)                       |              | (1,683)      |
| activities   |         | 79                        | 56                            |              | 135          |
| Cash used in investing activities  | _       | (4,729)                   | ) (733)                       | _            | (5,462)      |
| CASH FLOWS FROM<br>FINANCING<br>ACTIVITIES:  |         |                           |                               |              |              |
| Proceeds from credit<br>facilities borrowings  |         | 6,933                     | 828                           | _            | 7,761        |
| Payments on credit<br>facilities borrowings<br>Proceeds from issuance<br>of senior notes, net of | _       | (8,514                    | ) (1,244)                     |              | (9,758)      |
| offering costs<br>Proceeds from sales of<br>noncontrolling interest<br>in midstream joint        | 1,346   | _                         |                               |              | 1,346        |
| venture  |         |                           | 588                           |              | 588          |
| activities   | (276)   | ) 65                      | (62)                          |              | (273)        |
| net  | (1,070) | 277                       | 793                           |              |              |
| Cash provided by<br>financing<br>activities  |         | (1,239                    | ) 903                         | _            | (336)        |
| Net increase (decrease) in<br>cash and cash<br>equivalents                                       |         | (1,456                    | ) 14                          |              | (1,442)      |
| Cash and cash<br>equivalents, beginning of<br>period   |         | 1,749                     |                               | _            | 1,749        |
| Cash and cash<br>equivalents, end of   |         |                           |                               |              |              |
| period   | \$      | \$ 293                    | \$ 14                         | \$           | \$ 307       |

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS – (Continued)

## CONDENSED CONSOLIDATING STATEMENTS OF CASH FLOWS FOR THE YEAR ENDED DECEMBER 31, 2008 (\$ in millions)

|  | Parent         | Guarantor<br>Subsidiaries | Non-Guarantor<br>Subsidiaries | Eliminations | Consolidated  |
|--|----------------|---------------------------|-------------------------------|--------------|---------------|
| CASH FLOWS FROM<br>OPERATING   |                |                           |                               |              |               |
| ACTIVITIES   | \$ 156         | \$ 5,719                  | \$ 175                        | \$ (693)     | \$ 5,357      |
| CASH FLOWS FROM<br>INVESTING ACTIVITIES:<br>Additions to natural gas<br>and oil properties<br>Proceeds from divestitures | _              | (14,697)                  |                               | _            | (14,697)      |
| of natural gas and oil<br>properties   | _              | 7,670                     |                               |              | 7,670         |
| Additions to other property<br>and equipment<br>Other investing activities   |                | (1,759)<br>               | (1,314)                       |              | (3,073)       |
| Cash used in investing activities  |                | (8,651)                   | (1,314)                       | ·            | (9,965)       |
| CASH FLOWS FROM<br>FINANCING ACTIVITIES:<br>Proceeds from credit   |                | 12,831                    | 460                           |              | 13,291        |
| facilities borrowings<br>Payments on credit<br>facilities borrowings   |                | (11,307)                  |                               |              | (11,307)      |
| Proceeds from issuance of senior notes, net of   | 0.400          | (11,007)                  | ,                             |              |               |
| offering costs<br>Proceeds from issuance of<br>common stock, net of  | 2,136          |                           |                               |              | 2,136         |
| offering costs   | 2,598          | _                         |                               |              | 2,598         |
| debt<br>Other financing activities<br>Intercompany advances,   | (312)<br>(202) |                           | 21                            |              | (312)<br>(50) |
| net  | (4,376)        | 3,025                     | 658                           | 693          |               |
| Cash provided by (used<br>in) financing<br>activities  | (156)          | 4.680                     | 1,139                         | 693          | 6,356         |
| Net increase (decrease) in   | (100)          |                           |                               | ~~~~~        |               |
| cash and cash<br>equivalents<br>Cash and cash equivalents,   | _              | 1,748                     | _                             |              | 1,748         |
| beginning of period  |                | 1                         |                               |              | 1             |
| Cash and cash equivalents,<br>end of period  | \$             | \$ 1,749                  | \$                            | \$           | \$ 1,749      |

### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS – (Continued)

#### 18. Quarterly Financial Data (unaudited)

Summarized unaudited quarterly financial data for 2010 and 2009 are as follows (\$ in millions except per share data):

|   | Quarters Ended |                  |    |                  |    |                     |          |                    |
|---|----------------|------------------|----|------------------|----|---------------------|----------|--------------------|
|   | M              | arch 31,<br>2010 |    | June 30,<br>2010 | Se | ptember 30,<br>2010 | De       | cember 31,<br>2010 |
| Total revenues  | \$             | 2,798            | \$ | 2,012            | \$ | 2,581               | \$       | 1,975              |
| Gross profit <sup>(a)</sup>   | \$             | 1,212            | \$ | 447              | \$ | 817                 | \$       | 329                |
| Net income attributable to Chesapeake<br>Net income available to common | \$             | 738              | \$ | 255              | \$ | 558                 | \$       | 223                |
| stockholders<br>Net earnings per common share:                          | \$             | 732              | \$ | 235              | \$ | 515                 | \$       | 181                |
| Basic   |                | 1.16<br>1.14     |    | 0.37<br>0.37     | +  | 0.81<br>0.75        | \$<br>\$ | 0.29<br>0.28       |

|  | Quarters Ended |                  |    |                  |    |                     |    |                    |
|--|----------------|------------------|----|------------------|----|---------------------|----|--------------------|
|  | M              | arch 31,<br>2009 |    | June 30,<br>2009 | Se | ptember 30,<br>2009 | De | cember 31,<br>2009 |
| Total revenues   | \$             | 1,995            | \$ | 1,673            | \$ | 1,811               | \$ | 2,222              |
| Gross profit (loss) <sup>(a)(b)</sup><br>Net income (loss) attributable to | \$             | (9,053)          | \$ | 424              | \$ | 397                 | \$ | (713)              |
| Chesapeake <sup>(b)</sup> Net income (loss) available to common            | \$             | (5,740)          | \$ | 243              | \$ | 192                 | \$ | (524)              |
| stockholders <sup>(b)</sup><br>Net earnings (loss) per common share:       | \$             | (5,746)          | \$ | 237              | \$ | 186                 | \$ | (530)              |
| Basic  | \$             | (9.63)           | \$ | 0.39             | \$ | 0.30                | \$ | (0.84)             |
| Diluted  | \$             | (9.63)           | \$ | 0.39             | \$ | 0.30                | \$ | (0.84)             |

(a) Total revenue less operating costs.

(b) Includes a before-tax ceiling test write-down of \$9.6 billion and \$1.4 billion on our natural gas and oil properties for the quarters ended March 31, 2009 and December 31, 2009, respectively.

#### **19. Recently Issued Accounting Standards**

The Financial Accounting Standards Board (FASB) recently issued the following standards which we reviewed to determine the potential impact on our financial statements upon adoption.

In February 2010, the FASB amended its guidance on subsequent events to remove the requirement for SEC filers to disclose the date through which an entity has evaluated subsequent events. The guidance was effective upon issuance. We adopted this guidance in 2010.

The FASB also issued new guidance requiring additional disclosures about fair value measurements, adding a new requirement to disclose transfers in and out of Levels 1 and 2 measurements and gross presentation of activity within a Level 3 roll forward. The guidance also clarified existing disclosure requirements regarding the level of disaggregation of fair value measurements and disclosures regarding inputs and valuation techniques. We adopted this guidance in 2010. Adoption had no impact on our financial position or results of operations. Required disclosures for the reconciliation of purchases, sales, issuance and settlements of financial instruments valued with a Level 3 method are effective beginning on January 1, 2011, and we do not expect the implementation to have a material impact on our financial position or results of operations. See Note 14 for discussion regarding fair value measurements.

# CHESAPEAKE ENERGY CORPORATION AND SUBSIDIARIES NOTES TO CONSOLIDATED FINANCIAL STATEMENTS – (Continued)

#### 20. Subsequent Events

#### Fayetteville Shale Asset Sale

On February 21, 2011, we entered into a purchase and sale agreement with BHP Billiton Petroleum, a wholly owned subsidiary of BHP Billiton Limited, to sell all of our Fayetteville Shale assets in Central Arkansas for \$4.75 billion in cash before certain deductions and standard closing adjustments. The assets include approximately 487,000 net acres of leasehold and producing natural gas properties and midstream assets with approximately 420 miles of pipeline. In the Fayetteville Shale, our current net production is approximately 415 mmcfe per day. As part of the transaction, Chesapeake has agreed to provide essential services for up to one year for BHP Billiton's Fayetteville properties for an agreed-upon fee. Closing of the transaction is subject to customary conditions, including filings under the Hart-Scott-Rodino Antitrust Improvements Act of 1976 and with the Committee on Foreign Investment in the United States. Closing is expected to occur in the first half of 2011.

### Niobrara Project Cooperation Agreement

On February 16, 2011, CNOOC International Limited, a wholly owned subsidiary of CNOOC Limited, purchased a 33.3% undivided interest in our 800,000 net natural gas and oil leasehold acres in the DJ and Powder River Basins in northeast Colorado and southeast Wyoming. The consideration for the transaction was \$570 million in cash. In addition, CNOOC has agreed to fund 66.7% of our share of drilling and completion costs until an additional \$697 million has been paid, which we expect to occur by year-end 2014. CNOOC also has the right to a 33.3% participation in any additional leasehold we acquire in the Niobrara Shale.

### Senior Notes Issuance

On February 11, 2011, we issued \$1.0 billion of 6.125% Senior Notes due 2021 in a registered public offering. We used the net proceeds of \$977 million from the offering to repay indebtedness outstanding under our revolving bank credit facility.

# Schedule II

# CHESAPEAKE ENERGY CORPORATION VALUATION AND QUALIFYING ACCOUNTS (\$ in millions)

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|   |      |                          | Additions |                        |    |                             |     |          |                           |
|---|------|--------------------------|-----------|------------------------|----|-----------------------------|-----|----------|---------------------------|
| Description   | Begi | nce at<br>nning<br>eriod |           | narged<br>To<br>(pense | (  | arged To<br>Other<br>counts | Dec | ductions | lance at<br>End<br>Period |
| December 31, 2010:<br>Allowance for doubtful accounts                   | \$   | 24                       | \$        |                        | \$ |                             | \$  | (6)      | \$<br>18                  |
| Valuation allowance for deferred tax<br>assets<br>December 31, 2009:    | \$   | —                        | \$        |                        | \$ |                             | \$  |          | \$<br>                    |
| Allowance for doubtful accounts<br>Valuation allowance for deferred tax | \$   | 12                       | \$        | 12                     | \$ |                             | \$  | —        | \$<br>24                  |
| assets<br>December 31, 2008:  | \$   |                          | \$        |                        | \$ |                             | \$  | _        | \$                        |
| Allowance for doubtful accounts<br>Valuation allowance for deferred tax | \$   | 8                        | \$        | 4                      | \$ |                             | \$  |          | \$<br>12                  |
| assets  | \$   |                          | \$        | —                      | \$ | _                           | \$  |          | \$<br>. —                 |

### ITEM 9. Changes in and Disagreements with Accountants on Accounting and Financial Disclosure

Not applicable.

# ITEM 9A. Controls and Procedures

We maintain disclosure controls and procedures designed to ensure that information required to be disclosed by Chesapeake in reports filed or submitted by it under the Securities Exchange Act of 1934 is recorded, processed, summarized and reported within the time periods specified in the Securities and Exchange Commission rules and forms. As of December 31, 2010, we carried out an evaluation, under the supervision and with the participation of Chesapeake management, including Chesapeake's Chief Executive Officer and Chief Financial Officer, of the effectiveness of the design and operation of Chesapeake's disclosure controls and procedures pursuant to Securities Exchange Act Rule 13a-15(b). Based upon that evaluation, our Chief Executive Officer and Chief Financial Officer concluded that our disclosure controls and procedures are effective as of December 31, 2010, to ensure that information required to be disclosed by Chesapeake is accumulated and communicated to Chesapeake management, including Chesapeake's Chief Executive Officer and Chief Financial Officer, of an appropriate to allow timely decisions regarding required disclosure.

#### Changes in Internal Controls

No changes in the company's internal control over financial reporting occurred during the quarter ended December 31, 2010 that have materially affected, or are reasonably likely to materially affect, the company's internal control over financial reporting.

# Management's Report on Internal Control Over Financial Reporting

Management's annual report on internal control over financial reporting and the audit report on our internal control over financial reporting of our independent registered public accounting firm are included in Item 8 of this report.

#### ITEM 9B. Other Information

Not applicable.

### PART III

#### ITEM 10. Directors, Executive Officers and Corporate Governance

The information called for by this Item 10 is incorporated herein by reference to the definitive Proxy Statement to be filed by Chesapeake pursuant to Regulation 14A of the General Rules and Regulations under the Securities Exchange Act of 1934 not later than May 2, 2011.

#### **ITEM 11.** Executive Compensation

The information called for by this Item 11 is incorporated herein by reference to the definitive Proxy Statement to be filed by Chesapeake pursuant to Regulation 14A of the General Rules and Regulations under the Securities Exchange Act of 1934 not later than May 2, 2011.

### ITEM 12. Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters

The information called for by this Item 12 is incorporated herein by reference to the definitive Proxy Statement to be filed by Chesapeake pursuant to Regulation 14A of the General Rules and Regulations under the Securities Exchange Act of 1934 not later than May 2, 2011.

### ITEM 13. Certain Relationships and Related Transactions and Director Independence

The information called for by this Item 13 is incorporated herein by reference to the definitive Proxy Statement to be filed by Chesapeake pursuant to Regulation 14A of the General Rules and Regulations under the Securities Exchange Act of 1934 not later than May 2, 2011.

#### ITEM 14. Principal Accountant Fees and Services

1.5%

The information called for by this Item 14 is incorporated herein by reference to the definitive Proxy Statement to be filed by Chesapeake pursuant to Regulation 14A of the General Rules and Regulations under the Securities Exchange Act of 1934 not later than May 2, 2011.

# ITEM 15. Exhibits and Financial Statement Schedules

(a) The following documents are filed as part of this report:

- 1. *Financial Statements*. Chesapeake's consolidated financial statements are included in Item 8 of this report. Reference is made to the accompanying Index to Financial Statements.
- 2. *Financial Statement Schedules.* Schedule II is included in Item 8 of this report with our consolidated financial statements. No other financial statement schedules are applicable or required.
- 3. *Exhibits*. The following exhibits are filed herewith pursuant to the requirements of Item 601 of Regulation S-K:

|                   |   | Ir   | ncorporate         | d by Ref | erence      |                   |                       |
|-------------------|---|------|--------------------|----------|-------------|-------------------|-----------------------|
| Exhibit<br>Number | Exhibit Description   | Form | SEC File<br>Number | Exhibit  | Filing Date | Filed<br>Herewith | Furnished<br>Herewith |
| 3.1.1             | Chesapeake's Restated Certificate of Incorporation, as amended.   |      |                    |          |             |                   |                       |
| 3.1.2             | Certificate of Designation of 5%<br>Cumulative Convertible Preferred<br>Stock (Series 2005B), as amended.   | 10-Q | 001-13726          | 3.1.4    | 11/10/2008  |                   |                       |
| 3.1.3             | Certificate of Designation of 4.5%<br>Cumulative Convertible Preferred<br>Stock, as amended.  | 10-Q | 001-13726          | 3.1.6    | 08/11/2008  |                   |                       |
| 3.1.4             | Certificate of Designation of 5.75%<br>Cumulative Non-Voting Convertible<br>Preferred Stock (Series A).   |      | 001-13726          | 3.2      | 05/20/2010  |                   |                       |
| 3.1.5             | Certificate of Designation of 5.75%<br>Cumulative Non-Voting Convertible<br>Preferred Stock, as amended.  | 10-Q | 001-13726          | 3.1.5    | 08/09/2010  |                   |                       |
| 3.2               | Chesapeake's Amended and Restated Bylaws.   | 8-K  | 001-13726          | 3.1      | 11/17/2008  |                   |                       |
| 4.1*              | Indenture dated as of August 16, 2005<br>among Chesapeake, as issuer, the<br>subsidiaries signatory thereto, as<br>Subsidiary Guarantors, and The Bank<br>of New York Mellon Trust Company,<br>N.A., as Trustee, with respect to 6.5%<br>Senior Notes due 2017.       |      | 001-13726          | 4.1      | 08/16/2005  |                   |                       |
| 4.2*              | Indenture dated as of November 8, 2005 among Chesapeake, as issuer, the subsidiaries signatory thereto, as Subsidiary Guarantors and The Bank of New York Mellon Trust Company, N.A., as Trustee, with respect to 6.875% Senior Notes due 2020.                       |      | 001-13726          | 4.1.1    | 11/15/2005  |                   |                       |
| 4.3*              | Indenture dated as of November 8, 2005 among Chesapeake, as issuer, the subsidiaries signatory thereto, as Subsidiary Guarantors and The Bank of New York Mellon Trust Company, N.A., as Trustee, with respect to 2.75% Contingent Convertible Senior Notes due 2035. |      | 001-13726          | 4.1.2    | 11/15/2005  |                   |                       |

|                   |   | lı   | ncorporated        | d by Ref | erence      |                       |
|-------------------|---|------|--------------------|----------|-------------|-----------------------|
| Exhibit<br>Number | Exhibit Description   | Form | SEC File<br>Number | Exhibit  | Filing Date | Furnished<br>Herewith |
| 4.4*              | Indenture dated as of June 30, 2006<br>among Chesapeake, as issuer, the<br>subsidiaries signatory thereto, as<br>Subsidiary Guarantors and The Bank<br>of New York Mellon Trust Company,<br>N.A., as Trustee, with respect to<br>7.625% Senior Notes due 2013.  |      |                    |          | 06/30/2006  | <br>                  |
| 4.5*              | Indenture dated as of December 6,<br>2006 among Chesapeake, as issuer,<br>the subsidiaries signatory thereto, as<br>Subsidiary Guarantors, The Bank of<br>New York Mellon Trust Company,<br>N.A., as Trustee, AIB/BNY Fund<br>Management (Ireland) Limited, as Irish<br>Paying Agent and Transfer Agent, and<br>The Bank of New York, London<br>Branch, as Registrar, Transfer Agent<br>and Paying Agent, with respect to<br>6.25% Senior Notes due 2017. |      | 001-13726          | 4.1      | 12/06/2006  |                       |
| 4.6*              | Indenture dated as of May 15, 2007<br>among Chesapeake, as issuer, the<br>subsidiaries signatory thereto, as<br>Subsidiary Guarantors and The Bank<br>of New York Mellon Trust Company,<br>N.A., as Trustee, with respect to 2.5%<br>Contingent Convertible Senior Notes<br>due 2037.   |      | 001-13726          | 4.1      | 05/15/2007  |                       |
| 4.7*              | Indenture dated as of May 27, 2008<br>among Chesapeake, as issuer, the<br>subsidiaries signatory thereto, as<br>Subsidiary Guarantors and The Bank<br>of New York Mellon Trust Company,<br>N.A., as Trustee, with respect to<br>7.25% Senior Notes due 2018.  |      | 001-13726          | 4.1      | 05/29/2008  |                       |
| 4.8*              | Indenture dated as of May 27, 2008<br>among Chesapeake, as issuer, the<br>subsidiaries signatory thereto, as<br>Subsidiary Guarantors and The Bank<br>of New York Mellon Trust Company,<br>N.A., as Trustee, with respect to<br>2.25% Contingent Convertible Senior<br>Notes due 2038.  |      | 001-13726          | 4.2      | 05/29/2008  |                       |
| 4.9*              | Indenture dated as of February 2, 2009 among Chesapeake, as issuer, the subsidiaries signatory thereto, as Subsidiary Guarantors and The Bank of New York Mellon Trust Company, N.A., as Trustee, with respect to 9.5% Senior Notes due 2015.   |      | 001-13726          | 4.1      | 02/03/2009  |                       |
| 4.9.1*            | First Supplemental Indenture dated as<br>of February 10, 2009 to Indenture<br>dated as of February 2, 2009, with<br>respect to additional 9.5% Senior<br>Notes due 2015.  |      | 001-13726          | 4.2      | 02/17/2009  |                       |

|                   |   | I      | ncorporated        | by Refe | erence      |                       |
|-------------------|---|--------|--------------------|---------|-------------|-----------------------|
| Exhibit<br>Number | Exhibit Description   | Form   | SEC File<br>Number | Exhibit | Filing Date | Furnished<br>Herewith |
| 4.10*             | Indenture dated as of August 2, 2010<br>among Chesapeake, as issuer, the<br>subsidiaries signatory thereto, as<br>Subsidiary Guarantors, and the Bank<br>of New York Mellon Trust Company,<br>N.A., as Trustee.   | S-3    | 333-168509         | 4.1     | 08/03/2010  |                       |
| 4.10.1*           | First Supplemental Indenture dated<br>as of August 17, 2010 to Indenture<br>dated as of August 2, 2010, with<br>respect to 6.875% Senior Notes due<br>2018.   | 8-A    | 001-13726          | 4.2     | 9/24/2010   |                       |
| 4.10.2*           |   |        | 001-13726          | 4.3     | 9/24/2010   |                       |
| 4.10.3*           | Fifth Supplemental Indenture dated<br>February 11, 2011 to Indenture dated<br>as of August 2, 2010, with respect to<br>6.125% Senior Notes due 2021.  |        | 001-13726          | 4.2     | 2/22/2011   |                       |
| 4.12*             | Eighth Amended and Restated Credit<br>Agreement, dated as of December 2,<br>2010, among Chesapeake Energy<br>Corporation, as the Company,<br>Chesapeake Exploration L.L.C., as<br>Borrower, Union Bank, N.A., as<br>Administrative Agent, Wells Fargo<br>Bank, National Association, The<br>Royal Bank of Scotland plc and BNP<br>Paribas, as Co-Syndication Agent,<br>Credit Agricole Corporate and<br>Investment Bank, as Documentation<br>Agent, and the several lenders from<br>time to time parties thereto. |        | 001-13726          | 4.1     | 12/8/2010   |                       |
|                   | Chesapeake's 2003 Stock Incentive Plan, as amended.   |        |                    |         | ·           |                       |
| 10.1.2†           | Chesapeake's 1992 Nonstatutory Stock Option Plan, as amended.   | 10-Q   | 001-13726          | 10.1.2  | 02/14/1997  |                       |
| 10.1.3†           | Chesapeake's 1994 Stock Option Plan, as amended.  | 10-Q   | 001-13726          | 10.1.3  | 11/07/2006  |                       |
| 10.1.4†           | Chesapeake's 1996 Stock Option Plan, as amended.  | 10-Q   | 001-13726          | 10.1.4  | 11/07/2006  |                       |
| 10.1.5†           | Chesapeake's 1999 Stock Option Plan, as amended.  | 10-Q   | 001-13726          | 10.1.5  | 08/11/2008  |                       |
| 10.1.6†           | Chesapeake's 2000 Employee Stock<br>Option Plan, as amended.  | 10-Q   | 001-13726          | 10.1.6  | 08/11/2008  |                       |
| 10.1.7†           | Chesapeake's 2001 Stock Option Plan, as amended.  | 10-Q   | 001-13726          | 10.1.8  | 08/11/2008  |                       |
| 10.1.8†           | Chesapeake's 2001 Nonqualified Stock Option Plan, as amended.   | l 10-Q | 001-13726          | 10.1.10 | 08/11/2008  |                       |

|                   |  |             | Incorporate | d by Refe | rence       |     |                       |
|-------------------|--|-------------|-------------|-----------|-------------|-----|-----------------------|
| Exhibit<br>Number | Exhibit Description  |             |             |           | Filing Date |     | Furnished<br>Herewith |
| 10.1.9†           | Chesapeake's 2002 Stock Option Plan, as amended.   | 10-Q        | 001-13726   | 10.1.11   | 08/11/2008  |     |                       |
| 10.1.10†          | Chesapeake's 2002 Non-<br>Employee Director Stock Option Plan.   |             | 001-13726   | 10.1.12   | 08/11/2008  |     |                       |
| 10.1.11†          | Chesapeake's 2002 Nonqualified Stock Option Plan, as amended.  | 10-Q        | 001-13726   | 10.1.13   | 08/11/2008  |     |                       |
| 10.1.12†          | Chesapeake's 2003 Stock Award<br>Plan for Non-Employee Directors,<br>as amended.   |             | 001-13726   | 10.1.14   | 02/29/2008  |     |                       |
| 10.1.13†          | Chesapeake Energy Corporation<br>Amended and Restated Deferred<br>Compensation Plan.   |             |             |           |             | Х   |                       |
| 10.1.14†          | Chesapeake's Amended and Restated Long Term Incentive Plan.  |             | 001-13726   | 10.1.14   | 06/17/2010  |     |                       |
| 10.1.14.1†        | Form of Restricted Stock Award<br>Agreement for the Long Term<br>Incentive Plan.   |             |             |           |             | Х   |                       |
| 10.1.14.2†        | Form of Non-Employee Director<br>Restricted Stock Award<br>Agreement for the Long Term<br>Incentive Plan.  |             | 001-13726   | 10.1.18.3 | 06/16/2005  |     |                       |
| 10.1.15†          | Founder Well Participation<br>Program.   | DEF<br>-14A | 001-13726   | В         | 04/29/2005  |     |                       |
| 10.2.1†           | Third Amended and Restated<br>Employment Agreement dated as<br>of March 1, 2009 between Aubrey<br>K. McClendon and Chesapeake<br>Energy Corporation. | i<br>r      | 001-13726   | 10.2.1    | 05/11/2009  |     |                       |
| 10.2.2†           | Amended and Restated<br>Employment Agreement dated as<br>of September 30, 2009 between<br>Marcus C. Rowland and<br>Chesapeake Energy Corporation.    | •<br>•      | 001-13726   | 10.2.2    | 10/01/2009  |     |                       |
| 10.2.3†           | Amended and Restated<br>Employment Agreement dated as<br>of September 30, 2009 between<br>Steven C. Dixon and Chesapeake<br>Energy Corporation.      | ;<br>1      | 001-13726   | 10.2.3    | 10/01/2009  | , . |                       |
| 10.2.4†           | Amended and Restated<br>Employment Agreement dated as<br>of September 30, 2009 between J<br>Mark Lester and Chesapeake<br>Energy Corporation.        | 3           | 001-13726   | 10.2.4    | 10/01/2009  | )   |                       |
| 10.2.5†           | Amended and Restated<br>Employment Agreement dated as<br>of September 30, 2009 betweer<br>Douglas J. Jacobson and<br>Chesapeake Energy Corporation.  | 5           | 001-13726   | 10.2.5    | 10/01/2009  | )   |                       |

|                   |  | ļ.    | ncorporated        |         |             |   |                       |
|-------------------|--|-------|--------------------|---------|-------------|---|-----------------------|
| Exhibit<br>Number | Exhibit Description  | Form  | SEC File<br>Number | Exhibit | Filing Date |   | Furnished<br>Herewith |
| 10.2.6†           | Employment Agreement dated as of<br>November 5, 2010 between Domenic<br>J. Dell'Osso, Jr. and Chesapeake<br>Energy Corporation.                                      |       | 001-13726          | 10.2    | 11/09/2010  |   |                       |
| 10.2.7†           | Employment Agreement dated as of<br>September 30, 2009 between Martha<br>A. Burger and Chesapeake Energy<br>Corporation.   |       |                    |         |             | Х |                       |
| 10.2.8†           | Form of Employment Agreement<br>between Senior Vice President and<br>Chesapeake Energy Corporation.  |       | 001-13726          | 10.2.7  | 11/09/2009  |   |                       |
| 10.3†             | Form of Indemnity Agreement for officers and directors of Chesapeake and its subsidiaries.   |       | 001-13726          | 10.3    | 02/29/2008  |   |                       |
| 12                | Ratios of Earnings to Fixed Charges<br>and Combined Fixed Charges and<br>Preferred Dividends.  |       |                    |         |             | Х |                       |
| 21                | Subsidiaries of Chesapeake.  |       |                    |         |             | Х |                       |
| 23.1              | Consent of PricewaterhouseCoopers,<br>LLP.   |       |                    |         |             | х |                       |
| 23.2              | Consent of Netherland, Sewell & Associates, Inc.   |       |                    |         |             | Х |                       |
| 23.3              | Consent of Data & Consulting Services, Division of Schlumberger Technology Corporation.  |       |                    |         |             | X |                       |
| 23.4              | Consent of Lee Keeling and Associates, Inc.  |       |                    |         |             | х |                       |
| 23.5              | Consent of Ryder Scott Company, L.P.   |       |                    |         |             | х |                       |
| 31.1              | Aubrey K. McClendon, Chairman and<br>Chief Executive Officer, Certification<br>pursuant to Section 302 of the<br>Sarbanes-Oxley Act of 2002.                         | l .   |                    |         |             | Х |                       |
| 31.2              | Domenic J. Dell'Osso, Jr., Executive<br>Vice President and Chief Financia<br>Officer, Certification pursuant to<br>Section 302 of the Sarbanes-Oxley Act<br>of 2002. | <br>) |                    |         |             | Х |                       |
| 32.1              | Aubrey K. McClendon, Chairman and<br>Chief Executive Officer, Certification<br>pursuant to Section 906 of the<br>Sarbanes-Oxley Act of 2002.                         | 1     |                    |         |             |   | X                     |
| 32.2              | Domenic J. Dell'Osso, Jr., Executive<br>Vice President and Chief Financia<br>Officer, Certification pursuant to<br>Section 906 of the Sarbanes-Oxley Act<br>of 2002. | )     |                    |         |             |   | Х                     |
| 99.1              | Report of Netherland, Sewell & Associates, Inc.  | ¢     |                    |         |             | Х |                       |
|                   |  |       |                    |         |             |   |                       |

|                   |  | In   | corporate          | ed by Re | ference     |                   |                       |
|-------------------|--|------|--------------------|----------|-------------|-------------------|-----------------------|
| Exhibit<br>Number | Exhibit Description  | Form | SEC File<br>Number | Exhibit  | Filing Date | Filed<br>Herewith | Furnished<br>Herewith |
| 99.2              | Report of Data & Consulting Services,<br>Division of Schlumberger Technology<br>Corporation. |      |                    |          |             | X                 |                       |
| 99.3              | Report of Lee Keeling and Associates, Inc.   |      |                    |          |             | Х                 |                       |
| 99.4              | Report of Ryder Scott Company, L.P.  |      |                    |          |             | Х                 |                       |
| 101.INS#          | XBRL Instance Document.  |      |                    |          |             | Х                 | Х                     |
| 101.SCH#          | XBRL Taxonomy Extension Schema Document.   |      |                    |          |             | Х                 | Х                     |
| 101.CAL#          | XBRL Taxonomy Extension Calculation Linkbase Document.                                       |      |                    |          |             | Х                 | Х                     |
| 101.DEF#          | XBRL Taxonomy Extension Definition<br>Linkbase Document.                                     |      |                    |          |             | Х                 | Х                     |
| 101.LAB#          | XBRL Taxonomy Extension Labels<br>Linkbase Document.   |      |                    |          |             | X                 | Х                     |
| 101.PRE#          | XBRL Taxonomy Extension<br>Presentation Linkbase Document.                                   |      |                    |          |             | Х                 | х                     |
| -                 |  |      |                    |          |             |                   |                       |

\* Chesapeake agrees to furnish a copy of any of its unfiled long-term debt instruments to the Securities and Exchange Commission upon request.
 † Management contract or compensatory plan or arrangement.

# Signatures

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Date: March 1, 2011

CHESAPEAKE ENERGY CORPORATION

By <u>/s/ AUBREY K. MCCLENDON</u> Aubrey K. McClendon

Chairman of the Board and Chief Executive Officer

# POWER OF ATTORNEY

Each person whose signature appears below constitutes and appoints Aubrey K. McClendon and Domenic J. Dell'Osso, Jr., and each of them, either one of whom may act without joinder of the other, his true and lawful attorneys-in-fact and agents, with full power of substitution and resubstitution, for him and in his name, place and stead, in any and all capacities, to sign any or all amendments to this Annual Report on Form 10-K, and to file the same, with all, exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each, and every act and thing requisite and necessary to be done in and about the premises, as fully to all intents and purposes as he might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents, and each of them, or the substitute or substitutes of any or all of them, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

| Signature  | Capacity   | Date          |
|--|--|---------------|
| /s/ AUBREY K. MCCLENDON<br>Aubrey K. McClendon             | Chairman of the Board, Chief Executive Officer<br>and Director (Principal Executive Officer)                     | March 1, 2011 |
| /s/ DOMENIC J. DELL'OSSO, JR.<br>Domenic J. Dell'Osso, Jr. | Executive Vice President and Chief Financial<br>Officer (Principal Financial Officer)                            | March 1, 2011 |
| /s/ MICHAEL A. JOHNSON<br>Michael A. Johnson               | Senior Vice President – Accounting, Controller<br>and Chief Accounting Officer<br>(Principal Accounting Officer) | March 1, 2011 |
| /s/ RICHARD K. DAVIDSON<br>Richard K. Davidson             | Director   | March 1, 2011 |
| /s/ KATHLEEN EISBRENNER<br>Kathleen Eisbrenner             | Director   | March 1, 2011 |
| /s/ V. BURNS HARGIS<br>V. Burns Hargis                     | Director   | March 1, 2011 |
| /s/ FRANK KEATING<br>Frank Keating                         | Director   | March 1, 2011 |
| /s/ CHARLES T. MAXWELL<br>Charles T. Maxwell               | Director   | March 1, 2011 |
| /s/ MERRILL A. MILLER, JR.<br>Merrill A. Miller, Jr.       | Director   | March 1, 2011 |
| /s/ DON NICKLES<br>Don Nickles                             | Director   | March 1, 2011 |
| /s/ FREDERICK B. WHITTEMORE<br>Frederick B. Whittemore     | Director   | March 1, 2011 |

# **Corporate Headquarters**

6100 North Western Avenue Oklahoma City, OK 73118 (405) 935-8000

### **Internet Address**

Company financial information, public disclosures and other information are available through Chesapeake's website at www.chk.com.

#### **Common Stock**

Chesapeake Energy Corporation's common stock is listed on the New York Stock Exchange (NYSE) under the symbol CHK. As of March 31, 2011, there were approximately 415,000 beneficial owners of our common stock.

### **Common Stock Dividends**

During 2010 the company declared a cash dividend of \$0.075 per share on March 8, June 21, September 1 and December 20 for a total dividend declared of \$0.30 per share.

#### **Independent Public Accountants**

PricewaterhouseCoopers LLP 6120 South Yale, Suite 1850 Tulsa, OK 74136 (918) 524-1200

# **Stock Transfer Agent and Registrar**

Communication concerning the transfer of shares, lost certificates, duplicate mailings or change of address notifications should be directed to our transfer agent: Computershare Trust Company, N.A. 250 Royall Street Canton, MA 02021 (800) 884-4225 www.computershare.com

# **Trustee for the Company's Senior Notes**

The Bank of New York Mellon Trust Company, N.A. 101 Barclay Street, 8th Floor New York, NY 10286 www.bnymellon.com

#### Forward-looking Statements

This report includes "forward-looking statements" that give our current expectations or forecasts

of future events. They include estimates of natural gas and oil reserves, expected production, assumptions regarding future natural gas and oil prices, planned drilling activity and capital expenditures, and future asset sales, as well as statements concerning anticipated cash flow and liquidity, business strategy and other plans and objectives for future operations. Although we believe the expectations and forecasts reflected in these and other forward-looking statements are reasonable, we can give no assurance they will prove to have been correct. They can be affected by inaccurate assumptions or by known or unknown risks and uncertainties.

Factors that could cause actual results to differ materially from expected results are described under "Risk Factors" in Item 1A of our 2010 Annual Report on Form 10-K included in this report. We caution you not to place undue reliance on forward-looking statements, and we undertake no obligation to update this information. We urge you to carefully review and consider the disclosures made in this report and our other filings with the Securities and Exchange Commission (SEC) regarding the risks and factors that may affect our business.

The SEC requires natural gas and oil companies, in filings made with the SEC, to disclose proved reserves and permits the optional disclosure of probable and possible reserves. While Chesapeake has elected not to report probable and possible reserves in its filings with the SEC, we have provided estimates in this report of what we consider to be our "total resource base." This term includes our estimated proved reserves as well as "risked and unrisked unproved resources," which represent Chesapeake's internal estimates of volumes of natural gas and oil that are not classified as proved reserves but are potentially recoverable through exploratory drilling or additional drilling or recovery techniques. Our estimates of unproved resources are not intended to correspond to probable and and are by their nature more speculative than estimates of proved reserves and accordingly are subject to substantially greater risk of being actually realized by the company.

| 2010       High       Low       Last         Fourth Quarter       \$ 26.43       \$ 20.97       \$ 25.97         Third Quarter       23.00       19.68       22.65         Second Quarter       25.55       19.62       20.95         First Quarter       29.22       22.10       23.64         2009       High       Low       Last         Fourth Quarter       \$ 30.00       \$ 22.06       \$ 25.88         Third Quarter       \$ 30.00       \$ 22.06       \$ 25.88         Third Quarter       \$ 30.00       \$ 22.06       \$ 25.88         Third Quarter       20.46       16.43       19.83         Second Quarter       24.66       16.43       19.83         First Quarter       20.13       13.27       17.00         2008       High       Low       Last         Fourth Quarter       \$ 35.46       \$ 9.84       \$ 16.17         Third Quarter       \$ 35.46       \$ 9.84       \$ 16.17         Th | 2001           | - Hilir  |                      |          |
|--|----------------|----------|----------------------|----------|
| Fourth Quarter       \$ 26.43       \$ 20.97       \$ 25.97         Third Quarter       23.00       19.68       22.65         Second Quarter       25.55       19.62       20.95         First Quarter       29.22       22.10       23.64         Z009       High       Low       Lass         Fourth Quarter       \$ 30.00       \$ 22.06       \$ 25.92         Fourth Quarter       29.22       22.10       23.64         Fourth Quarter       \$ 30.00       \$ 22.06       \$ 25.86         Third Quarter       29.49       16.92       28.40         Second Quarter       24.66       16.43       19.83         First Quarter       20.13       13.27       17.06         Z008       High       Low       Lass         Fourth Quarter       \$ 35.46       \$ 9.84       \$ 16.17         Third Quarter       \$ 35.46       \$ 9.84       \$ 16.17         Third Quarter       \$ 35.46       \$ 9.84       \$ 16.16         Third Quarter       \$ 35.46       \$ 9.84       \$ 16.17         Third Quarter       \$ 36.00       45.25       65.90   | First Quarter  | \$ 35.95 | \$ 25.93             | \$ 33.52 |
| Fourth Quarter       \$ 26.43       \$ 20.97       \$ 25.97         Third Quarter       23.00       19.68       22.65         Second Quarter       25.55       19.62       20.95         First Quarter       29.22       22.10       23.64         Z009       High       Low       Low         Fourth Quarter       \$ 30.00       \$ 22.06       \$ 25.92         Second Quarter       29.49       16.92       28.40         Second Quarter       29.49       16.92       28.40         Yet       20.13       13.27       17.00         Z008       High       Low       Low       High         Fourth Quarter       \$ 35.46       \$ 9.84       \$ 16.17         Third Quarter       \$ 35.46       \$ 9.84       \$ 16.17         Third Quarter       \$ 45.05       65.90       5 5.90   | -2000          | - Wate   |                      |          |
| Third Quarter       23.00       19.68       22.65         Second Quarter       25.55       19.62       20.95         First Quarter       29.22       22.10       23.64         2009       High       Low       Lass         Fourth Quarter       \$ 30.00       \$ 22.06       \$ 25.88         Third Quarter       29.49       16.92       28.40         Second Quarter       24.66       16.43       19.83         First Quarter       20.13       13.27       17.00         Fourth Quarter       \$ 35.46       \$ 9.84       \$ 16.17         Fourth Quarter       \$ 35.46       \$ 9.84       \$ 16.17         Third Quarter       \$ 45.25       65.90       \$ 65.90   |                |          |                      |          |
| Second Quarter         25.55         19.62         20.95           First Quarter         29.22         22.10         23.64           2009         High         Low         Lass           Fourth Quarter         \$ 30.00         \$ 22.06         \$ 25.86           Third Quarter         29.49         16.92         28.40           Second Quarter         29.49         16.92         28.40           Second Quarter         24.66         16.43         19.87           First Quarter         20.13         13.27         17.00           Fourth Quarter         \$ 35.46         \$ 9.84         \$ 16.17           Fourth Quarter         \$ 35.46         \$ 9.84         \$ 16.17           Third Quarter         74.00         31.15         35.80           Second Quarter         68.10         45.25         65.90   |                | 0        | Carlos Carlos Carlos |          |
| First Quarter       29.22       22.10       23.64         2009       High       Low       Las         Fourth Quarter       \$ 30.00       \$ 22.06       \$ 25.86         Third Quarter       29.49       16.92       28.40         Second Quarter       24.66       16.43       19.83         First Quarter       20.13       13.27       17.00         2008       High       Low       Las         Fourth Quarter       \$ 35.46       \$ 9.84       \$ 16.17         Third Quarter       74.00       31.15       35.86         Second Quarter       68.10       45.25       65.96   | Third Quarter  | 23.00    |                      | 22.65    |
| Z009         High         Low         Las           Fourth Quarter         \$ 30.00         \$ 22.06         \$ 25.88           Third Quarter         29.49         16.92         28.40           Second Quarter         24.66         16.43         19.83           First Quarter         20.13         13.27         17.00           Z008         High         Low         Las           Fourth Quarter         \$ 35.46         \$ 9.84         \$ 16.17           Third Quarter         74.00         31.15         35.86           Second Quarter         68.10         45.25         65.96   | Second Quarter | 25.55    | 19.62                | 20.95    |
| Fourth Quarter         \$ 30.00         \$ 22.06         \$ 25.88           Third Quarter         29.49         16.92         28.40           Second Quarter         24.66         16.43         19.83           First Quarter         20.13         13.27         17.00           2008         High         Low         16.92           Fourth Quarter         \$ 35.46         \$ 9.84         \$ 16.17           Third Quarter         74.00         31.15         35.86           Second Quarter         68.10         45.25         65.96   | First Quarter  | 29.22    | 22.10                | 23.64    |
| Fourth Quarter         \$ 30.00         \$ 22.06         \$ 25.88           Third Quarter         29.49         16.92         28.40           Second Quarter         24.66         16.43         19.83           First Quarter         20.13         13.27         17.00           2008         High         Low         16.92           Fourth Quarter         \$ 35.46         \$ 9.84         \$ 16.17           Third Quarter         74.00         31.15         35.86           Second Quarter         68.10         45.25         65.96   |                |          |                      |          |
| Third Quarter         29.49         16.92         28.40           Second Quarter         24.66         16.43         19.83           First Quarter         20.13         13.27         17.06           Z008         High         Low         Lass           Fourth Quarter         \$ 35.46         \$ 9.84         \$ 16.17           Third Quarter         74.00         31.15         35.86           Second Quarter         68.10         45.25         65.96  | 70009          | - Helin  | $\sim 1000$          | laste    |
| Second Quarter         24.66         16.43         19.83           First Quarter         20.13         13.27         17.06           2008         High         Low         Lass           Fourth Quarter         \$ 35.46         \$ 9.84         \$ 16.17           Third Quarter         74.00         31.15         35.86           Second Quarter         68.10         45.25         65.96  | Fourth Quarter | \$30.00  | \$ 22.06             | \$ 25.88 |
| First Quarter         20.13         13.27         17.00           Z008         High         Low         Las           Fourth Quarter         \$ 35.46         \$ 9.84         \$ 16.17           Third Quarter         74.00         31.15         35.86           Second Quarter         68.10         45.25         65.90  | Third Quarter  | 29.49    | 16.92                | 28.40    |
| 2008         High         Low         Class           Fourth Quarter         \$ 35.46         \$ 9.84         \$ 16.17           Third Quarter         74.00         31.15         35.86           Second Quarter         68.10         45.25         65.96  | Second Quarter | 24.66    | 16.43                | 19.83    |
| Fourth Quarter\$ 35.46\$ 9.84\$ 16.17Third Quarter74.0031.1535.86Second Quarter68.1045.2565.96   | First Quarter  | 20.13    | 13.27                | 17.06    |
| Fourth Quarter\$ 35.46\$ 9.84\$ 16.17Third Quarter74.0031.1535.86Second Quarter68.1045.2565.96   |                |          |                      |          |
| Third Quarter         74.00         31.15         35.80           Second Quarter         68.10         45.25         65.90   | 2(0)8          | - High   |                      | lasi     |
| Second Quarter 68.10 45.25 65.96   | Fourth Quarter | \$ 35.46 | \$ 9.84              | \$ 16.17 |
| Second Quarter 68.10 45.25 65.90   | Third Quarter  | 74.00    | 31.15                | 35.86    |
|  | Second Quarter | 68.10    | 45.25                | 65.96    |
|  |                | 49.87    | 34.42                | 46.15    |
| - Commo  |                |          |                      |          |
|  | CHIK           |          |                      |          |



#### WWW.CHK.COM

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