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

FORM 10-Q

(Mark One)			
X	QUARTERLY REPORT PURSU EXCHANGE ACT OF 1934	ANT TO SECTION 13 OR 15(d) OF THE SECURITIES	
	For the quarterly pe	riod ended March 31, 2014	
		OR	
	TRANSITION REPORT PURSU EXCHANGE ACT OF 1934	ANT TO SECTION 13 OR 15(d) OF THE SECURITIES	
	For the transition period from _	to	
	Commission Fil	e Number: 001-14273	
	CORE LABO	RATORIES N.V.	
	(Exact name of registr	ant as specified in its charter)	
	The Netherlands	Not Applicable	
	(State or other jurisdiction of	(I.R.S. Employer Identification No.)	
	incorporation or organization)		
	Strawinskylaan 913		
	Tower A, Level 9		
	1077 XX Amsterdam		
	The Netherlands	Not Applicable	
(A	Address of principal executive offices)	(Zip Code)	
	(31-2	0) 420-3191	
	`	number, including area code)	
		None	
	(Former name, former address and fo	mer fiscal year, if changed since last report)	
Exchange Act of 193		all reports required to be filed by Section 13 or 15(d) of the Securit for such shorter period that the registrant was required to file su for the past 90 days. Yes \boxtimes No \square	
Interactive Data File	required to be submitted and posted purs	ted electronically and posted on its corporate Web site, if any, even uant to Rule 405 of Regulation S-T (§232.405 of this chapter) during egistrant was required to submit and post such files). Yes 🗵 No	ing
	See the definitions of "large accelerated	elerated filer, an accelerated filer, a non-accelerated filer, or a smal filer," "accelerated filer" and "smaller reporting company" in R	
Large accelerated fi	ler ⊠ Accelerated filer □	Non-accelerated filer ☐ Smaller reporting company ☐ (Do not check if a smaller reporting company)	
Indicate by		nell company (as defined in Rule 12b-2 of the Exchange Act).	

The number of common shares of the registrant, par value EUR 0.02 per share, outstanding at April 24, 2014 was 44,875,534.

CORE LABORATORIES N.V. FORM 10-Q FOR THE QUARTER ENDED MARCH 31, 2014

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PART I - FINANCIAL INFORMATION

Item 1. Financial Statements

CORE LABORATORIES N.V. CONSOLIDATED BALANCE SHEETS (In thousands, except share and per share data)

	N	March 31, 2014	Dec	ember 31, 2013
ASSETS	J)	U naudited)		
CURRENT ASSETS:				
Cash and cash equivalents	\$	23,253	\$	25,088
Accounts receivable, net of allowance for doubtful accounts of \$2,685 and \$2,872 at 2014 and 2013, respectively		209,234		201,322
Inventories		50,906		46,821
Prepaid expenses		15,016		13,128
Income tax receivable		8,948		5,294
Other current assets		11,151		12,215
TOTAL CURRENT ASSETS		318,508		303,868
PROPERTY, PLANT AND EQUIPMENT, net		141,758		138,824
INTANGIBLES, net		11,994		10,949
GOODWILL		163,337		163,337
DEFERRED TAX ASSETS, net		3,602		4,452
OTHER ASSETS		41,164		39,580
TOTAL ASSETS	\$	680,363	\$	661,010
LIABILITIES AND EQUITY				
CURRENT LIABILITIES:				
Accounts payable	\$	53,715	\$	50,821
Accrued payroll and related costs		27,084		38,969
Taxes other than payroll and income		8,406		6,979
Unearned revenue		17,481		10,887
Income tax payable		30,024		14,462
Other accrued expenses		11,751		13,657
TOTAL CURRENT LIABILITIES		148,461		135,775
LONG-TERM DEBT AND CAPITAL LEASE OBLIGATIONS		279,000		267,002
DEFERRED COMPENSATION		39,576		38,014
DEFERRED TAX LIABILITIES, net		4,701		8,870
OTHER LONG-TERM LIABILITIES		41,691		41,960
COMMITMENTS AND CONTINGENCIES (Note 6)				
EQUITY:				
Preference shares, EUR 0.02 par value; 6,000,000 shares authorized, none issued or outstanding		_		_
Common shares, EUR 0.02 par value; 200,000,000 shares authorized, 46,750,002 issued and 44,872,263 outstanding at		1 202		1 202
2014 and 46,750,002 issued and 45,101,389 outstanding at 2013		1,203		1,203
Additional paid-in capital		2,957		
Retained earnings		454,503		415,930
Accumulated other comprehensive income (loss)		(8,540)		(8,626)
Treasury shares (at cost), 1,877,739 at 2014 and 1,648,613 at 2013		(289,344)		(245,184)
Total Core Laboratories N.V. shareholders' equity		160,779		163,323
Non-controlling interests		6,155		6,066
TOTAL EQUITY		166,934		169,389
TOTAL LIABILITIES AND EQUITY	\$	680,363	\$	661,010

CORE LABORATORIES N.V. CONSOLIDATED STATEMENTS OF OPERATIONS (In thousands, except per share data)

Three Months Ended
March 31

		Mar	ch 3	·1,
		2014		2013
		(Unai	ıdit	ed)
REVENUE:				
Services	\$	188,735	\$	182,481
Product sales		74,168		78,446
Total revenue		262,903		260,927
OPERATING EXPENSES:				
Cost of services, exclusive of depreciation expense shown below		110,571		110,153
Cost of product sales, exclusive of depreciation expense shown below		51,098		53,492
General and administrative expenses, exclusive of depreciation expense shown below		10,519		12,809
Depreciation		6,342		5,723
Amortization		291		302
Other (income) expense, net		1,255		(589)
OPERATING INCOME		82,827		79,037
Interest expense		2,363		2,269
Income before income tax expense		80,464		76,768
Income tax expense		19,311		20,036
Net income		61,153		56,732
Net income (loss) attributable to non-controlling interests		89		216
Net income attributable to Core Laboratories N.V.	\$	61,064	\$	56,516
EARNINGS PER SHARE INFORMATION:				
Basic earnings per share attributable to Core Laboratories N.V.	\$	1.36	\$	1.22
Diluted earnings per share attributable to Core Laboratories N.V.	\$	1.35	\$	1.22
Cash dividends per share	\$	0.50	\$	0.32
WEIGHTED AVERAGE COMMON SHARES OUTSTANDING:				
Basic		44,908		46,201
Diluted	_	45,182	_	46,493
	=		_	

CORE LABORATORIES N.V. CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (In thousands)

	Т	(Unaudited) \$ 61,153 \$ 56,7 (22) 2 135 (29) 61,239 56,8					
		2014 2013 (Unaudited) \$ 61,153 \$ 56, (22) 2 135 (29)			2014 2013		
		(Unau	(Unaudite				
Net income	\$	61,153	\$	56,732			
Pension and other postretirement benefit plans							
Prior service cost							
Amortization to net income of transition asset		(22)		(22)			
Amortization to net income of prior service cost		2		40			
Amortization to net income of actuarial loss		135		117			
Income taxes on pension and other postretirement benefit plans		(29)		(34)			
Comprehensive income		61,239		56,833			
Comprehensive income (loss) attributable to non-controlling interests		89		216			
Comprehensive income attributable to Core Laboratories N.V.	\$	61,150	\$	56,617			

CORE LABORATORIES N.V. CONSOLIDATED STATEMENTS OF CASH FLOWS (In thousands)

Three Months Ended

		Marc	h 21	Liiucu 1
		2014	11 3	2013
	_	(Unau	dite	
CASH FLOWS FROM OPERATING ACTIVITIES:		(Cilau	uitt	u)
Net income	\$	61,153	\$	56,732
Adjustments to reconcile net income to net cash provided by operating activities:	Ψ	01,133	Ψ	30,732
Stock-based compensation		5,279		5,138
Depreciation and amortization		6,633		6,025
(Gain) on insurance recovery		0,033		(539)
(Increase) decrease in value of life insurance policies		(401)		(1,368)
Deferred income taxes		(2,818)		975
Other non-cash items		(163)		278
Changes in assets and liabilities:		(103)		276
Accounts receivable		(7,098)		(14,811)
Inventories		(4,157)		(1,876)
Prepaid expenses and other current assets		(5,109)		4,360
Other assets		639		403
Accounts payable		915		(681)
Accrued expenses		9,670		11,505
Other long-term liabilities		1,081		2,117
Net cash provided by operating activities		65,624	_	68,258
CASH FLOWS FROM INVESTING ACTIVITIES:		03,024	_	00,230
Capital expenditures		(7,668)		(9.442)
Patents and other intangibles		(7,008)		(8,443) (847)
· · · · · · · · · · · · · · · · · · ·		(1.200)		(847)
Business acquisition, net of cash acquired Proceeds from sale of assets		(1,200) 227		377
Premiums on life insurance		(1,834)		(654)
Net cash used in investing activities		(1,834) $(10,475)$	_	(9,567)
CASH FLOWS FROM FINANCING ACTIVITIES:		(10,473)	_	(9,307)
		(28,011)		(19.012)
Repayment of debt Proceeds from debt		40,000		(18,013) 25,000
		40,000		25,000
Stock options exercised		329		553
Excess tax benefits from stock-based compensation				
Dividends paid		(22,491)		(14,820)
Repurchase of common shares	_	(46,811)	_	(47,745)
Net cash used in financing activities		(56,984)	_	(54,990)
NET CHANGE IN CASH AND CASH EQUIVALENTS		(1,835)		3,701
CASH AND CASH EQUIVALENTS, beginning of period	Φ.	25,088	¢	19,226
CASH AND CASH EQUIVALENTS, end of period	<u> </u>	23,253	\$	22,927

CORE LABORATORIES N.V. NOTES TO THE UNAUDITED CONSOLIDATED INTERIM FINANCIAL STATEMENTS

1. BASIS OF PRESENTATION

The accompanying unaudited consolidated financial statements include the accounts of Core Laboratories N.V. and its subsidiaries for which we have a controlling voting interest and/or a controlling financial interest. These financial statements have been prepared in accordance with United States ("U.S.") generally accepted accounting principles ("GAAP") for interim financial information using the instructions to Form 10-Q and Article 10 of Regulation S-X. Accordingly, these financial statements do not include all of the information and footnote disclosures required by U.S. GAAP and should be read in conjunction with the audited financial statements and the summary of significant accounting policies and notes thereto included in our Annual Report on Form 10-K for the year ended December 31, 2013 (the "2013 Annual Report").

Core Laboratories N.V. uses the equity method of accounting for investments in which it has less than a majority interest and over which it does not exercise control but does exert significant influence. We use the cost method to record certain other investments in which we own less than 20% of the outstanding equity and do not exercise control or exert significant influence. Non-controlling interests have been recorded to reflect outside ownership attributable to consolidated subsidiaries that are less than 100% owned. In the opinion of management, all adjustments considered necessary for a fair statement of the results for the interim periods presented have been included in these financial statements. Furthermore, the operating results presented for the three months ended March 31, 2014 may not necessarily be indicative of the results that may be expected for the year ended December 31, 2014.

Core Laboratories N.V.'s balance sheet information for the year ended December 31, 2013 was derived from the 2013 audited consolidated financial statements but does not include all disclosures in accordance with U.S. GAAP.

Certain reclassifications were made to prior period amounts in order to conform to the current period presentation. These reclassifications had no impact on the reported net income or cash flows for the three month period ended March 31, 2013.

References to "Core Lab", the "Company", "we", "our" and similar phrases are used throughout this Quarterly Report on Form 10-Q and relate collectively to Core Laboratories N.V. and its consolidated subsidiaries.

2. INVENTORIES

Inventories consist of the following (in thousands):

		rch 31, 014	Dec	2013
	(Una	udited)		
Finished goods	\$	39,243	\$	37,143
Parts and materials		9,542		8,323
Work in progress		2,121		1,355
Total inventories	\$	50,906	\$	46,821

We include freight costs incurred for shipping inventory to customers in the Cost of product sales line of the Consolidated Statements of Operations.

3. GOODWILL AND INTANGIBLES

We account for intangible assets with indefinite lives, including goodwill, in accordance with the applicable accounting guidance, which requires us to evaluate these assets for impairment annually or more frequently if an indication of impairment is possible. Based upon our most recent evaluation at the end of 2013, we determined that intangible assets, including goodwill, are not impaired. We amortize intangible assets with a finite life on a straight-line basis over their respective useful lives.

4. DEBT AND CAPITAL LEASE OBLIGATIONS

Debt is summarized in the following table (in thousands):

	M	larch 31, 2014	De	cember 31, 2013
	(U	naudited)		
Senior notes	\$	150,000	\$	150,000
Credit facility		129,000		117,000
Capital lease obligations		17		28
Total debt		279,017		267,028
Less - current maturities of long-term debt and capital lease obligations		17		26
Long-term debt and capital lease obligations, net	\$	279,000	\$	267,002

In 2011, we issued two series of senior notes with an aggregate principal amount of \$150 million ("Senior Notes") in a private placement transaction. Series A consists of \$75 million in aggregate principal amount of notes that bear interest at a fixed rate of 4.01% and are due in full on September 30, 2021. Series B consists of \$75 million in aggregate principal amount of notes that bear interest at a fixed rate of 4.11% and are due in full on September 30, 2023. Interest on each series of the Senior Notes is payable semi-annually on March 30 and September 30.

We maintain a revolving credit facility (the "Credit Facility") with an aggregate borrowing capacity of \$300 million at March 31, 2014. The Credit Facility provides an option to increase the commitment under the Credit Facility to \$350 million, if certain conditions are met. The Credit Facility bears interest at variable rates from LIBOR plus 1.50% to a maximum of LIBOR plus 2.25%. Any outstanding balance under the Credit Facility is due September 28, 2016 when the Credit Facility matures. Interest payment terms are variable depending upon the specific type of borrowing under this facility. Our available capacity at any point in time is reduced by borrowings outstanding at the time and outstanding letters of credit which totaled \$21.9 million at March 31, 2014, resulting in an available borrowing capacity under the Credit Facility of \$149.1 million. In addition to those items under the Credit Facility, we had \$25.0 million of outstanding letters of credit and performance guarantees and bonds from other sources as of March 31, 2014.

The terms of the Credit Facility and the Senior Notes require us to meet certain covenants, including, but not limited to, certain minimum equity and cash flow ratios. We believe that we are in compliance with all such covenants contained in our credit agreements. Certain of our material, wholly-owned subsidiaries are guarantors or co-borrowers under the Credit Facility and Senior Notes.

The estimated fair value of total debt at March 31, 2014 and December 31, 2013 approximated the book value of total debt. The fair value was estimated using Level 2 inputs by calculating the sum of the discounted future interest and principal payments through the date of maturity.

5. PENSIONS AND OTHER POSTRETIREMENT BENEFITS

Defined Benefit Plan

We provide a non-contributory defined benefit pension plan for substantially all of our Dutch employees ("Dutch Plan") who were hired prior to 2007 based on years of service and final pay or career average pay, depending on when the employee began participating. The benefits earned by the employees are immediately vested. We fund the future obligations of the Dutch Plan by purchasing insurance contracts from a large multi-national insurance company. The insurance contracts are purchased annually and renew after five years at which time they are replaced with new contracts that are adjusted to include changes in the benefit obligation for the current year and redemption of the expired contracts. We make annual premium payments to the insurance company based on each employee's age and current salary, and the contractual growth rate. We determine the fair value of these plan assets with the assistance of an actuary using observable inputs (Level 2), which approximates the contract value of the investments.

The following table summarizes the components of net periodic pension cost under the Dutch Plan for the three months ended March 31, 2014 and 2013 (in thousands):

Three Months Ended March 31.

	2	2014 (Unau \$ 370 450 (334) (22) 2		2014		2013
		dited	l)			
Service cost	\$	370	\$	396		
Interest cost		450		420		
Expected return on plan assets		(334)		(323)		
Amortization of transition asset		(22)		(22)		
Amortization of prior service cost		2		40		
Amortization of actuarial loss		135		117		
Net periodic pension cost	\$	601	\$	628		

During the three months ended March 31, 2014, we contributed approximately \$1.1 million to fund the estimated 2014 premiums on investment contracts held by the Dutch Plan.

Defined Contribution Plans

We maintain five defined contribution plans (the "Defined Contribution Plans") for the benefit of eligible employees in Canada, The Netherlands, Puerto Rico, the United Kingdom and the United States. In accordance with the terms of each plan, we and our participating employees contribute up to specified limits, and under certain plans, we may make discretionary contributions in accordance with the terms of the Defined Contribution Plans.

Deferred Compensation Arrangements

We have entered into deferred compensation contracts for certain key employees. The benefits under these contracts are fully vested and benefits are paid when the participants attain 65 years of age. Life insurance policies with cash surrender values have been purchased for the purpose of assisting in the funding of the deferred compensation contracts.

We have adopted a non-qualified deferred compensation plan that allows certain highly compensated employees to defer a portion of their salary, commission and bonus, as well as the amount of any reductions in their deferrals under the deferred compensation plan for employees in the United States (the "Deferred Compensation Plan"), due to certain limitations imposed by the U.S. Internal Revenue Code of 1986, as amended (the "Internal Revenue Code"). The Deferred Compensation Plan also provides for employer contributions to be made on behalf of participants equal in amount to certain forfeitures of, and/or reductions in, employer contributions that participants could have otherwise received under the Defined Contribution Plan for U.S. employees qualified under Internal Revenue Code Section 401(k) had there not been certain limitations imposed by the Internal Revenue Code. Employer contributions to the Deferred Compensation Plan vest ratably over a period of five years. Contributions to the plan are invested in equity and other investment fund assets within life insurance policies, and carried on the balance sheet at fair value. A participant's plan benefits include the participant's deferrals, the vested portion of the employer's contributions, and deemed investment gains and losses on such amounts. The benefits under these contracts are fully vested and payment of benefits generally commences as of the last day of the month following the termination of services except that the payment of benefits for select executives generally commences on the first working day following a six month waiting period following the date of termination.

The Company's only financial assets and liabilities which involve fair value measures relate to certain aspects of the Company's benefit plans. On a recurring basis, we use the market approach to value certain assets and liabilities at fair value at quoted prices in an active market (Level 1) and certain assets and liabilities using significant other observable inputs (Level 2) with the assistance of a third party specialist. We do not have any assets or liabilities measured at fair value on a recurring basis using significant unobservable inputs (Level 3). Gains and losses related to the fair value changes in the deferred compensation assets and liabilities are recorded in General and Administrative Expenses in the Consolidated Statements of Operations. The following table summarizes the fair value balances (in thousands):

(Unaudited)

Fair Value Measurement at March 31, 2014

	Total		Level 1]	Level 2	Level 3	
Assets:								
Deferred compensation trust assets (1)	\$	21,266	\$		\$	21,266	\$	
Liabilities:								
Deferred compensation plan	\$	26,617	\$		\$	26,617	\$	

Fair Value Measurement at December 31, 2013

	Total			Level 1]	Level 2	Level 3	
Assets:								
Deferred compensation trust assets (1)	\$	20,104	\$		\$	20,104	\$	
Liabilities:								
Deferred compensation plan	\$	25,470	\$	1,182	\$	24,288	\$	

⁽¹⁾ Trust assets consist of the cash surrender value of life insurance policies intended to assist in the funding of the deferred compensation plan and included in Other assets in the Balance Sheet.

6. COMMITMENTS AND CONTINGENCIES

We have been and may from time to time be named as a defendant in legal actions that arise in the ordinary course of business. These include, but are not limited to, employment-related claims and contractual disputes or claims for personal injury or property damage which occur in connection with the provision of our services and products. Management does not currently believe that any of our pending contractual, employment-related, personal injury or property damage claims and disputes will have a material effect on our future results of operations, financial position or cash flow.

In connection with an audit of the 2008 and 2009 U.S. federal income tax returns of our U.S. consolidated group, the U.S. Internal Revenue Service has proposed that certain transfer pricing positions taken by the Company be adjusted, which could result in additional federal income tax of approximately \$11 million plus interest for this two year audit period. We believe that these transactions are valid as originally recorded, and we are appealing this proposed adjustment. It is our belief that we will prevail on this issue; consequently, we have made no additional income tax accrual for this proposed adjustment.

7. EQUITY

During the three months ended March 31, 2014, we repurchased 254,340 of our common shares for \$46.8 million. Included in this total were rights to 7,476 shares valued at \$1.4 million that were surrendered to us pursuant to the terms of a stock-based compensation plan in consideration of the participants' tax burdens that may result from the issuance of common shares under that plan. Such common shares, unless canceled, may be reissued for a variety of purposes such as future acquisitions, non-employee director stock awards or employee stock awards.

In February 2014, we paid a quarterly dividend of \$0.50 per share of common stock. In addition, on April 14, 2014, we declared a quarterly dividend of \$0.50 per share of common stock for shareholders of record on April 25, 2014 and payable on May 23, 2014.

The following table summarizes our changes in equity for the three months ended March 31, 2014 (in thousands):

(Unaudited)	Comn Shar		Additional Paid-In Capital		id-In Retained		Accum Otl Compre Income	ner Thensive		easury Stock	Cont	on- rolling erests	Tota Equit	
December 31, 2013	\$ 1	,203	\$	_	\$ 41	15,930	\$	(8,626)	\$ (245,184)	\$	6,066	\$ 169,3	89
Stock options exercised								_				_		
Stock based-awards			2	,628				_		2,651			5,2	279
Tax benefit of stock- based awards issued				329						_			3	29
Repurchase of common shares				_						(46,811)		_	(46,8	311)
Dividends paid		_			(2	22,491)				_			(22,4	91)
Cancellation of common shares		_				_		_		_		_		
Amortization of deferred pension costs, net of tax		_		_		_		86		_		_		86
Net income (loss)		_			(51,064		_				89	61,1	53
(12)													,	
March 31, 2014	\$ 1	,203	\$ 2	,957	\$ 45	54,503	\$	(8,540)	\$ ((289,344)	\$	6,155	\$ 166,9	34

Accumulated other comprehensive income (loss) consisted of the following (in thousands):

		March 31, 2014		ember 31, 2013
	(Un	audited)		
Prior service cost	\$	(54)	\$	(55)
Transition asset		115		131
Unrecognized net actuarial loss		(8,601)		(8,702)
Total accumulated other comprehensive income (loss)	\$	(8,540)	\$	(8,626)

8. EARNINGS PER SHARE

We compute basic earnings per common share by dividing net income available to common shareholders by the weighted average number of common shares outstanding during the period. Diluted earnings per common and potential common shares include additional shares in the weighted average share calculations associated with the incremental effect of dilutive employee stock options, restricted stock awards and contingently issuable shares, as determined using the treasury stock method. The following table summarizes the calculation of weighted average common shares outstanding used in the computation of diluted earnings per share (in thousands):

	Three Months Ended March 31,				
	2014	2013			
	(Unaudited)				
Weighted average basic common shares outstanding	44,908	46,201			
Effect of dilutive securities:					
Stock options		4			
Performance shares	100	80			
Restricted stock	174	208			
Weighted average diluted common and potential common shares outstanding	45,182	46,493			

9. OTHER (INCOME) EXPENSE, NET

The components of other (income) expense, net, were as follows (in thousands):

Three Months Ended

	March 31,				
		2014	2013		
		(Unaudite	ed)		
Sale of assets	\$	(118) \$	(209)		
Results of non-consolidated subsidiaries		(78)	(96)		
Foreign exchange		1,600	891		
Interest income		(1)	(371)		
Rents and royalties		(224)	(230)		
Insurance recovery			(539)		
Other, net		76	(35)		
Total other (income) expense, net	\$	1,255 \$	(589)		

Foreign exchange (gain) loss by currency is summarized in the following table (in thousands):

Three Months Ended March 31.

	Mai Cii 31,				
	2014	2013			
	(Una	udited)			
British Pound	(52)) 462			
Canadian Dollar	1,028	303			
Euro	52	228			
Mexican Peso	(34)	(127)			
Russian Ruble	176	6			
Other currencies, net	430	19			
Total (gain) loss	\$ 1,600	\$ 891			

10. INCOME TAX EXPENSE

The effective tax rates for the three months ended March 31, 2014 and 2013 were 24.0% and 26.1%, respectively. The change in tax expense primarily reflects the change in items discrete to the quarters and the change in activity levels among jurisdictions with different tax rates.

11. SEGMENT REPORTING

We operate our business in three reportable segments: (1) Reservoir Description, (2) Production Enhancement and (3) Reservoir Management. These segments provide different services and products and utilize different technologies.

- Reservoir Description: Encompasses the characterization of petroleum reservoir rock, fluid and gas samples. We
 provide analytical and field services to characterize properties of crude oil and petroleum products to the oil and gas
 industry.
- *Production Enhancement:* Includes services and products relating to reservoir well completions, perforations, stimulations and production. We provide integrated services to evaluate the effectiveness of well completions and to develop solutions aimed at increasing the effectiveness of enhanced oil recovery projects.
- Reservoir Management: Combines and integrates information from reservoir description and production enhancement services to increase production and improve recovery of oil and gas from our clients' reservoirs.

Results for these segments are presented below. We use the same accounting policies to prepare our segment results as are used to prepare our Consolidated Financial Statements. All interest and other non-operating income (expense) is attributable to

the Corporate & Other area and is not allocated to specific segments. Summarized financial information concerning our segments is shown in the following table (in thousands):

(Unaudited)	Reservoir Description		Production Enhancement		Reservoir Management		Corporate & Other ¹		Consolidated	
Three Months Ended March 31, 2014										
Revenues from unaffiliated clients	\$	125,256	\$	110,280	\$	27,367	\$		\$	262,903
Inter-segment revenues		2,769		797		420		(3,986)		
Segment operating income (loss)		34,853		37,202		10,474		298		82,827
Total assets (at end of period)		325,139		263,351		35,676		56,197		680,363
Capital expenditures		4,816		1,075		85		1,692		7,668
Depreciation and amortization		3,848		1,895		239		651		6,633
Three Months Ended March 31, 2013										
Revenues from unaffiliated clients	\$	125,245	\$	107,431	\$	28,251	\$	_	\$	260,927
Inter-segment revenues		385		937		423		(1,745)		
Segment operating income (loss)		34,851		34,238		9,846		102		79,037
Total assets (at end of period)		300,483		255,947		38,605		60,408		655,443
Capital expenditures		5,429		2,088		519		407		8,443
Depreciation and amortization		3,625		1,817		191		392		6,025

^{(1) &}quot;Corporate & Other" represents those items that are not directly related to a particular segment and eliminations.

12. RECENT ACCOUNTING PRONOUNCEMENTS

In July 2013, the FASB issued ASU 2013-11 relating to income taxes (FASB ASC Topic 740), which provides guidance on the presentation of unrecognized tax benefits. The intent is to better reflect the manner in which an entity would settle at the reporting date any additional income taxes that would result from the disallowance of a tax position when net operating loss carryforwards, similar tax losses, or tax credit carryforwards exist. This pronouncement is effective for fiscal years, and interim periods within those years, beginning after December 15, 2013. We have adopted this pronouncement for our fiscal year beginning January 1, 2014. The adoption of this pronouncement did not have a material effect on our consolidated financial statements.

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

The following discussion summarizes the financial position of Core Laboratories N.V. and its subsidiaries as of March 31, 2014 and should be read in conjunction with (i) the unaudited consolidated interim financial statements and notes thereto included elsewhere in this Quarterly Report on Form 10-Q and (ii) the audited consolidated financial statements and accompanying notes to our Annual Report on Form 10-K for the fiscal year ended December 31, 2013 (the "2013 Annual Report").

General

Core Laboratories N.V. is a limited liability company incorporated and domiciled in The Netherlands. It was established in 1936 and is one of the world's leading providers of proprietary and patented reservoir description, production enhancement and reservoir management services and products to the oil and gas industry. These services and products can enable our clients to improve reservoir performance and increase oil and gas recovery from their producing fields. Core Laboratories N.V. has over 70 offices in more than 50 countries and employs approximately 5,000 people worldwide.

References to "Core Lab", the "Company", "we", "our" and similar phrases are used throughout this Quarterly Report on Form 10-Q and relate collectively to Core Laboratories N.V. and its consolidated affiliates.

Our business units have been aggregated into three complementary reportable segments, which provide services and products for improving reservoir performance and increasing oil and gas recovery from new and existing fields.

- Reservoir Description: Encompasses the characterization of petroleum reservoir rock, fluid and gas samples. We
 provide analytical and field services to characterize properties of crude oil and petroleum products to the oil and gas
 industry.
- Production Enhancement: Includes services and products relating to reservoir well completions, perforations, stimulations and production. We provide integrated services to evaluate the effectiveness of well completions and to develop solutions aimed at increasing the effectiveness of enhanced oil recovery projects.
- Reservoir Management: Combines and integrates information from reservoir description and production enhancement services to increase production and improve recovery of oil and gas from our clients' reservoirs.

Cautionary Statement Regarding Forward-Looking Statements

This Quarterly Report on Form 10-Q contains 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. Certain statements contained in this Management's Discussion and Analysis of Financial Condition and Results of Operations section, including those under the headings "Outlook" and "Liquidity and Capital Resources", and in other parts of this Form 10-Q, are forward-looking. In addition, from time to time, we may publish forward-looking statements relating to such matters as anticipated financial performance, business prospects, technological developments, new products, research and development activities and similar matters. Forward-looking statements can be identified by the use of forward-looking terminology such as "may", "will", "believe", "expect", "anticipate", "estimate", "continue", or other similar words, including statements as to the intent, belief, or current expectations of our directors, officers, and management with respect to our future operations, performance, or positions or which contain other forward-looking information. These forward-looking statements are based on our current expectations and beliefs concerning future developments and their potential effect on us. While management believes that these forward-looking statements are reasonable as and when made, no assurances can be given that the future results indicated, whether expressed or implied, will be achieved. While we believe that these statements are and will be accurate, our actual results and experience may differ materially from the anticipated results or other expectations expressed in our statements due to a variety of risks and uncertainties.

The oil and gas industry is highly cyclical and demand for the majority of our oilfield services and products is substantially dependent on the level of expenditures by the oil and gas industry for the exploration, development and production of crude oil and natural gas reserves, which are sensitive to oil and natural gas prices and generally dependent on the industry's view of future oil and gas prices. There are numerous factors affecting the supply of and demand for our services and products, which are summarized as:

- general and economic business conditions;
- market prices of oil and gas and expectations about future prices;
- cost of producing and the ability to deliver oil and natural gas;
- the level of drilling and production activity;
- mergers, consolidations and downsizing among our clients;
- coordination by OPEC;
- the impact of commodity prices on the expenditure levels of our clients;
- financial condition of our client base and their ability to fund capital expenditures;
- the physical effects of climatic change, including adverse weather or geologic/geophysical conditions;
- the adoption of legal requirements or taxation relating to climate change that lower the demand for petroleum-based fuels;
- civil unrest or political uncertainty in oil producing or consuming countries;
- level of consumption of oil, gas and petrochemicals by consumers;
- changes in existing laws, regulations, or other governmental actions;
- the business opportunities (or lack thereof) that may be presented to and pursued by us;
- availability of services and materials for our clients to grow their capital expenditures;
- ability of our clients to deliver product to market;
- availability of materials and equipment from key suppliers; and
- cyber attacks on our network that disrupt operations or result in lost or compromised critical data.

Should one or more of these risks or uncertainties materialize, or should any of our assumptions prove incorrect, actual results may vary in material respects from those projected in the forward-looking statements. We undertake no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise. For a more detailed discussion of some of the foregoing risks and uncertainties, see "Item 1A - Risk Factors" in our 2013 Annual Report and in Part II of this document, as well as the other reports filed by us with the Securities and Exchange Commission ("SEC").

Outlook

We continue our efforts to expand our market presence by opening or expanding facilities in strategic areas and realizing synergies within our business lines. We believe our market presence provides us a unique opportunity to service clients who have global operations in addition to the national oil companies.

We have established internal earnings targets that are based on market conditions existing at the time our targets were established. We believe that the current level of activities, workflows, and operating margins within the North American region will increase slightly over activity experienced during the first quarter of 2014. We believe activity outside of North America, particularly those relating to oil development projects, will grow moderately in 2014.

Results of Operations

Our results of operations as a percentage of applicable revenue were as follows (in thousands):

(Unaudited)	Three	Months E	\$ Change	% Change			
	2014		2013		2014/2013	2014/2013	
REVENUE:							
Services	\$ 188,735	72%	\$ 182,481	70%	\$ 6,254	3 %	
Product sales	74,168	28%	78,446	30%	(4,278)	(5)%	
Total revenue	262,903	100%	260,927	100%	1,976	1 %	
OPERATING EXPENSES:							
Cost of services, exclusive of depreciation expense shown below*	110,571	59%	110,153	60%	418	0 %	
Cost of product sales, exclusive of depreciation expense shown below*	51,098	69%	53,492	68%	(2,394)	(4)%	
Total cost of services and product sales	161,669	61%	163,645	63%	(1,976)	(1)%	
General and administrative expenses	10,519	4%	12,809	5%	(2,290)	(18)%	
Depreciation and amortization	6,633	3%	6,025	2%	608	10 %	
Other (income) expense, net	1,255	0%	(589)	0%	1,844	(313)%	
Operating income	82,827	32%	79,037	30%	3,790	5 %	
Interest expense	2,363	1%	2,269	1%	94	4 %	
Income before income tax expense	80,464	31%	76,768	29%	3,696	5 %	
Income tax expense	19,311	7%	20,036	8%	(725)	(4)%	
Net income	61,153	23%	56,732	22%	4,421	8 %	
Net income (loss) attributable to non- controlling interests	89	0%	216	0%	(127)	(59)%	
Net income attributable to Core Laboratories	\$ 61,064	23%	\$ 56,516	22%	\$ 4,548	8 %	

Percentage based on applicable revenue rather than total revenue.

Operating Results for the Three Months Ended March 31, 2014 Compared to the Three Months Ended March 31, 2013 (unaudited)

Services Revenue

Services revenue increased to \$188.7 million for the first quarter of 2014, up 3% when compared to \$182.5 million for the first quarter of 2013. The increase in services revenue was primarily due to our continued focus on existing fields and fields under development, as opposed to increasingly volatile and downward trending exploration efforts.

Product Sales Revenue

Revenue associated with product sales was down 5% to \$74.2 million for the first quarter of 2014, compared to \$78.4 million for the first quarter of 2013. Product sales revenue is driven primarily by the continued successful introduction of new technologies such as our new completion systems for optimizing completions and stimulations of horizontal wells, including our HTD-BLASTTM and KODIAKTM Enhanced Perforating Systems, and our permanent reservoir monitoring systems, primarily in the Canadian market. During the first quarter of 2014, the unusually cold and windy weather in North America contributed significantly to a lower revenue stream as our clients were unable to perform stimulation and completion activity.

Cost of Services

Cost of services expressed as a percentage of services revenue was 58.6% for the quarter ended March 31, 2014, an improvement from 60.4% in the same period in 2013. The margin improvement is a result of a better mix of projects aimed at more complex reservoirs, over the fixed cost structure.

Cost of Product Sales

Cost of product sales expressed as a percentage of product sales revenue was 68.9% for the quarter ended March 31, 2014, compared to 68.2% during the same period in 2013. The increase in cost of sales as a percentage of product sales revenue was primarily related to absorption of our fixed costs on weather-related lower revenue.

General and Administrative Expenses

General and administrative ("G&A") expenses include corporate management and centralized administrative services that benefit our operations. G&A expenses for the first quarter of 2014 were 4.0% of revenue, a decrease from the first quarter of 2013 when these expenses represented 4.9% of revenue. The decrease for the three months ended March 31, 2014 was primarily attributable to lower variable compensation costs recorded in the first quarter of 2014.

Depreciation and Amortization Expense

Depreciation and amortization expense was \$6.6 million for the first quarter of 2014 compared to \$6.0 million in the first quarter of 2013. The increase is a result of growth in our client-directed capex program.

Other (Income) Expense, Net

The components of other (income) expense, net, were as follows (in thousands):

	Three Months Ended March 31,				
		2014	2013		
		(Unaudite	ed)		
Sale of assets	\$	(118) \$	(209)		
Results of non-consolidated subsidiaries		(78)	(96)		
Foreign exchange		1,600	891		
Interest income		(1)	(371)		
Rents and royalties		(224)	(230)		
Insurance recovery		_	(539)		
Other, net		76	(35)		
Total other (income) expense, net	\$	1,255 \$	(589)		

Foreign exchange (gain) loss by currency is summarized in the following table (in thousands):

March 31,					
2014	2013				
(Unaudited)					
(52)	462				
1,028	303				
52	228				
(34)	(127)				
176	6				
430	19				
\$ 1,600	\$ 891				
	2014 (Unaud (52) 1,028 52 (34) 176 430				

Three Months Ended

Interest Expense

Interest expense for the three months ended March 31, 2014 and 2013 was \$2.4 million and \$2.3 million, respectively.

Income Tax Expense

The effective tax rates for the three months ended March 31, 2014 and 2013 were 24.0% and 26.1%, respectively. The change in tax expense reflects the change in activity levels among jurisdictions with different tax rates.

Segment Analysis

Our operations are managed primarily in three complementary reportable segments - Reservoir Description, Production Enhancement and Reservoir Management. The following tables summarize our results by segment for the three months ended March 31, 2014 and 2013 (in thousands):

	Three Months Ended March 31,				\$ Change		% Change	
		2014		2013	20	14/2013	2014/2013	
Revenue:		(Unau	ıdite	d)				
Reservoir Description	\$	125,256	\$	125,245	\$	11	0 %	
Production Enhancement		110,280		107,431		2,849	3 %	
Reservoir Management		27,367		28,251		(884)	(3)%	
Consolidated	\$	262,903	\$	260,927	\$	1,976	1 %	
Operating income (loss):						;		
Reservoir Description	\$	34,853	\$	34,851	\$	2	0 %	
Production Enhancement		37,202		34,238		2,964	9 %	
Reservoir Management		10,474		9,846		628	6 %	
Corporate and Other ¹		298		102		196	NM	
Consolidated	\$	82,827	\$	79,037	\$	3,790	5 %	

^{(1) &}quot;Corporate and Other" represents those items that are not directly related to a particular segment

Reservoir Description

Revenue from the Reservoir Description segment was up slightly at \$125.3 million in the first quarter of 2014 compared to \$125.2 million in the first quarter of 2013. This segment's operations, which focus on international crude-oil related products, continued to benefit from large-scale core analyses and reservoir fluids characterization studies in the Asia-Pacific areas, offshore West and East Africa, the Eastern Mediterranean region and the Middle East, including Iraq, Kuwait, and the United Arab Emirates.

Operating income was comparable at \$34.9 million for the first quarter of both 2014 and 2013. Operating margin remained at 28%. This segment emphasizes technologically demanding services on internationally-based development and production-related crude oil projects over the more cyclical exploration-related projects.

Production Enhancement

Revenue from the Production Enhancement segment increased by 3%, or \$2.8 million, to \$110.3 million in the first quarter of 2014 compared to \$107.4 million in the first quarter of 2013. The revenue increase was primarily due to the continued successful introduction of Core's new FLOWPROFILERTM service from our new completion diagnostic services for optimizing completions and stimulations of horizontal wells.

Operating income in the first quarter of 2014 increased by 9%, or \$3.0 million, to \$37.2 million from \$34.2 million for the first quarter of 2013. Operating margins were 34% in the first quarter of 2014. The increase in operating income from 2013 to 2014 was primarily driven by increased demand for the Company's proprietary and patented hydraulic fracture and field-flood diagnostic technologies from services such as FLOWPROFILERTM, SPECTRACHEM[®], ZERO WASH[®], and SPECTRAFLOODTM tracers in North America and internationally.

Reservoir Management

Revenue from the Reservoir Management segment decreased by 3% to \$27.4 million in the first quarter of 2014 compared to \$28.3 million for the first quarter of 2013. Although many new projects were begun or were expanded upon during the quarter, the decrease in revenue was due to the timing of when consortium and joint industry projects were completed.

Operating income in the first quarter of 2014 increased 6% to \$10.5 million from \$9.8 million for the first quarter of 2013. Operating margins were 38% in the first quarter of 2014. The increase in operating income in the first quarter of 2014 was

[&]quot;NM" means not meaningful

primarily a result of additional participants in our joint industry projects, including the Utica, Duvernay, and Mississippi Lime studies and the Marcellus, Niobrara, Wolfcamp and Eagle Ford plays.

Liquidity and Capital Resources

General

We have historically financed our activities through cash on hand, cash flows from operations, bank credit facilities, or the issuance of debt and equity financing.

We utilize the non-GAAP financial measure of free cash flow to evaluate our cash flows and results of operations. Free cash flow is defined as net cash provided by operating activities (which is the most directly comparable GAAP measure) less cash paid for capital expenditures. Management believes that free cash flow provides useful information to investors regarding the cash available in the period that was in excess of our needs to fund our capital expenditures and operating activities. Free cash flow is not a measure of operating performance under GAAP, and should not be considered in isolation nor construed as an alternative to operating profit, net income (loss) or cash flows from operating, investing or financing activities, each as determined in accordance with GAAP. Free cash flow does not represent residual cash available for distribution because we may have other non-discretionary expenditures that are not deducted from the measure. Moreover, since free cash flow is not a measure determined in accordance with GAAP and thus is susceptible to varying interpretations and calculations, free cash flow as presented, may not be comparable to similarly titled measures presented by other companies. The following table reconciles this non-GAAP financial measure to the most directly comparable measure calculated and presented in accordance with GAAP for the three months ended March 31, 2014 and 2013 (in thousands):

Three Months Ended March 31,				% Change		
	2014		2013	2014/2013		
	(Unau	dited)	'			
\$	65,624	\$	68,258	(4)%		
	7,668		8,443	(9)%		
\$	57,956	\$	59,815	(3)%		
	\$	2014 (Unau \$ 65,624 7,668	2014 (Unaudited) \$ 65,624 \$ 7,668	(Unaudited) \$ 65,624 \$ 68,258 7,668 8,443		

The decrease in free cash flow for the first three months of 2014 compared to the same period in 2013 was primarily due to the changes in working capital and in cash provided by operations.

Cash Flows

The following table summarizes cash flows for the three months ended March 31, 2014 and 2013 (in thousands):

T	% Change			
	2014		2013	2014/2013
	(Unau	dited)		
\$	65,624	\$	68,258	(4)%
	(10,475)		(9,567)	9 %
	(56,984)		(54,990)	4 %
\$	(1,835)	\$	3,701	150 %
	\$ \$	2014 (Unau \$ 65,624 (10,475) (56,984)	2014 (Unaudited) \$ 65,624 \$ (10,475)	(Unaudited) \$ 65,624 \$ 68,258 (10,475) (9,567) (56,984) (54,990)

The decrease in cash flows from operating activities for the first three months of 2014 compared to the same period in 2013 was primarily attributable to changes in working capital.

Cash flows used in investing activities were higher during the first three months of 2014 when compared to the same period in 2013. Premiums on life insurance were \$1.2 million higher in the first three months of 2014 compared to 2013.

Cash flows used in financing activities increased for the first three months of 2014 when compared to the same period in 2013. During the first three months of 2014, we repurchased 254,340 shares of our common stock for an aggregate purchase price of \$46.8 million compared to the repurchase of 364,541 shares for an aggregate purchase price of \$47.7 million during the same period in 2013. In the first three months of 2014, we increased the amount outstanding on our Credit Facility by \$12.0

million, as compared to increasing it by \$7.0 million during the first three months of 2013. We increased the amount of our quarterly dividend from 32 cents per share to 50 cents per share resulting in dividend payments of \$22.5 million paid during the first three months of 2014, compared to \$14.8 million paid during the first three months of 2013.

Notes, Credit Facilities and Available Future Liquidity

In 2011, we issued two series of senior notes with an aggregate principal amount of \$150 million ("Senior Notes") in a private placement transaction. Series A consists of \$75 million in aggregate principal amount of notes that bear interest at a fixed rate of 4.01% and are due in full on September 30, 2021. Series B consists of \$75 million in aggregate principal amount of notes that bear interest at a fixed rate of 4.11% and are due in full on September 30, 2023. Interest on each series of the Senior Notes is payable semi-annually on March 30 and September 30.

We maintain a revolving credit facility (the "Credit Facility") with an aggregate borrowing capacity of \$300 million at March 31, 2014. The Credit Facility provides an option to increase the commitment under the Credit Facility to \$350 million if certain conditions are met. The Credit Facility bears interest at variable rates from LIBOR plus 1.50% to a maximum of LIBOR plus 2.25%. Any outstanding balance under the Credit Facility is due September 28, 2016 when the Credit Facility matures. Interest payment terms are variable depending upon the specific type of borrowing under this facility. Our available capacity at any point in time is reduced by borrowings outstanding at the time and outstanding letters of credit which totaled \$21.9 million at March 31, 2014, resulting in an available borrowing capacity under the Credit Facility of \$149.1 million. In addition to those items under the Credit Facility, we had \$25.0 million of outstanding letters of credit and performance guarantees and bonds from other sources as of March 31, 2014.

The terms of the Credit Facility and the Senior Notes require us to meet certain covenants, including, but not limited to, certain minimum equity and cash flow ratios. We believe that we are in compliance with all such covenants contained in our credit agreements. Certain of our material, wholly-owned subsidiaries are guarantors or co-borrowers under the Credit Facility and Senior Notes.

Our ability to maintain and grow our operating income and cash flow depends, to a large extent, on continued investing activities. We are a Netherlands holding company and substantially all of our operations are conducted through subsidiaries. Consequently, our cash flow depends upon the ability of our subsidiaries to pay cash dividends or otherwise distribute or advance funds to us. We believe our future cash flows from operations, supplemented by our borrowing capacity and issuances of additional equity, should be sufficient to fund our debt requirements, capital expenditures, working capital, dividend payments and future acquisitions.

Recent Accounting Pronouncements

In July 2013, the FASB issued ASU 2013-11 relating to income taxes (FASB ASC Topic 740), which provides guidance on the presentation of unrecognized tax benefits. The intent is to better reflect the manner in which an entity would settle at the reporting date any additional income taxes that would result from the disallowance of a tax position when net operating loss carryforwards, similar tax losses, or tax credit carryforwards exist. This pronouncement is effective for fiscal years, and interim periods within those years, beginning after December 15, 2013. We have adopted this pronouncement for our fiscal year beginning January 1, 2014. The adoption of this pronouncement did not have a material effect on our consolidated financial statements.

Item 3. Quantitative and Qualitative Disclosures About Market Risk

There have been no material changes in market risk from the information provided in Item 7A. "Quantitative and Qualitative Disclosures About Market Risk" in our Annual Report on Form 10-K for the fiscal year ended December 31, 2013.

Item 4. Controls and Procedures

A complete discussion of our controls and procedures is included in our Annual Report on Form 10-K for the year ended December 31, 2013.

Disclosure Controls and Procedures

Our management, under the supervision of and with the participation of our Chief Executive Officer and Chief Financial Officer, has evaluated the effectiveness of our disclosure controls and procedures, as such term is defined in Rules 13a-15(e) and 15d-15(e) under the Securities Exchange Act of 1934, as amended (the "Exchange Act"), as of the end of the period covered by this report. Our disclosure controls and procedures are designed to provide reasonable assurance that the information required to be disclosed by us in our reports filed or submitted under the Exchange Act is accumulated and communicated to management, including our Chief Executive Officer and Chief Financial Officer, as appropriate, to allow timely decisions regarding required disclosure and is recorded, processed, summarized and reported within the time periods specified in the rules and forms of the SEC. Based on such evaluation, our Chief Executive Officer and Chief Financial Officer have concluded that our disclosure controls and procedures were effective as of March 31, 2014 at the reasonable assurance level.

Our management does not expect that our disclosure controls and procedures or our internal control over financial reporting will prevent all errors and all fraud. Further, the design of disclosure controls and internal control over financial reporting must reflect the fact that there are resource constraints, and the benefits of controls must be considered relative to their costs. Because of the inherent limitations in all control systems, no evaluation of controls can provide absolute assurance that all control issues and instances of fraud, if any, within a company have been detected.

Changes in Internal Control Over Financial Reporting

There have been no changes in our system of internal control over financial reporting, as such term is defined in Rules 13a-15(f) and 15d-15(f) under the Exchange Act, during the fiscal quarter ended March 31, 2014, that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

CORE LABORATORIES N.V.

PART II - OTHER INFORMATION

Item 1. Legal Proceedings

See Note 6 to our Consolidated Interim Financial Statements in Part I, Item 1 of this Quarterly Report on Form 10-Q.

Item 2. Unregistered Sales of Equity Securities and Use of Proceeds

The following table provides information about purchases of equity securities that are registered by us pursuant to Section 12 of the Exchange Act during the quarter ended March 31, 2014:

Period	Total Number of Shares Purchased	verage Price Paid Per Share	Total Number of Shares Purchased as Part of a Publicly Announced Program	Maximum Number of Shares That May Yet be Purchased Under the Program (3)
January 31, 2014	235,346	\$ 184.15	235,346	2,791,421
February 28, 2014 (1)	11,169	176.46	11,169	2,780,852
March 31, 2014 (2)	7,825	191.73	7,825	2,797,261
Total	254,340	\$ 184.05	254,340	

⁽¹⁾ Contains 189 shares valued at approximately \$35.0 thousand, or \$185.29 per share, surrendered to us by participants in a stock-based compensation plan to settle any personal tax liabilities which may result from the award in February 2014. (2) Contains 7,287 shares valued at approximately \$1.4 million, or \$191.40 per share, surrendered to us by participants in a stock-based compensation plan to settle any personal tax liabilities which may result from the award in March 2014. (3) In connection with our initial public offering in September 1995, our shareholders authorized our Management Board to repurchase up to 10% of our issued share capital for a period of 18 months. This authorization was renewed at subsequent annual or special shareholder meetings. At our annual shareholders' meeting on May 16, 2013, our shareholders authorized an extension to repurchase 10% of our issued share capital through November 16, 2014. The repurchase of shares in the open market is at the discretion of management pursuant to this shareholder authorization.

Item 6. Exhibits

Exhibit No.		Exhibit Title	Incorporated by reference from the following documents
3.1	-	Articles of Association of Core Laboratories N.V., as amended in 2012 (including English translation)	Exhibit 3.1 filed on February 19, 2013 with 2012 10-K (File No. 001-14273)
31.1	-	Certification of Chief Executive Officer Pursuant to Rule 13a-14(a) of the Securities Exchange Act of 1934, as Adopted Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002	Filed herewith
31.2	-	Certification of Chief Financial Officer Pursuant to Rule 13a-14(a) of the Securities Exchange Act of 1934, as Adopted Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002	Filed herewith
32.1	-	Certification of Chief Executive Officer Pursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002	Furnished herewith
32.2	-	Certification of Chief Financial Officer Pursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002	Furnished herewith
101.INS	-	XBRL Instance Document	Filed herewith
101.SCH	-	XBRL Schema Document	Filed herewith
101.CAL	-	XBRL Calculation Linkbase Document	Filed herewith
101.LAB	-	XBRL Label Linkbase Document	Filed herewith
101.PRE	-	XBRL Presentation Linkbase Document	Filed herewith
101.DEF	-	XBRL Definition Linkbase Document	Filed herewith

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant, Core Laboratories N.V., has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

CORE LABORATORIES N.V.

Date: April 25, 2014 By: /s/ Richard L. Bergmark

Richard L. Bergmark Chief Financial Officer (Duly Authorized Officer and Principal Financial Officer)