



DIVISION OF
CORPORATION FINANCE
MAIL STOP 04-05

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549-0405

June 6, 2005

Mr. J.P. Vickers
Chief Financial Officer
GeoResources, Inc.
1407 West Dakota Parkway, Suite 1-B
Williston, North Dakota 58802-1505

Re: GeoResources, Inc.
Form 10-KSB for Fiscal Year Ended December 31, 2004
Filed March 30, 2005
Form 10-QSB for Fiscal Quarter Ended March 31, 2005
Filed May 13, 2005
File No. 0-08041

Dear Mr. Vickers:

We have reviewed your filing and have the following comments. We have limited our review of your filing to those issues we have addressed in our comments. Where indicated, we think you should revise your document in response to these comments. If you disagree, we will consider your explanation as to why our comment is inapplicable or a revision is unnecessary. Please be as detailed as necessary in your explanation. In some of our comments, we may ask you to provide us with information so we may better understand your disclosure. After reviewing this information, we may raise additional comments.

Please understand that the purpose of our review process is to assist you in your compliance with the applicable disclosure requirements and to enhance the overall disclosure in your filing. We look forward to working with you in these respects. We welcome any questions you may have about our comments or any other aspect of our review. Feel free to call us at the telephone numbers listed at the end of this letter.

Form 10-K for the Fiscal Year Ended December 31, 2004

Management's Discussion and Analysis or Plan of Operation

Critical Accounting Policies

1. We note that you identify several areas of accounting where critical accounting policies are used to record activity. However, your disclosures appear to lack association with specific accounting estimates that may be necessary to an understanding of your liquidity, capital resources, and results of operations. Please expand your disclosures to address the specific instances where uncertainties exist in your estimates. Your disclosures should provide information about the quality and variability of your earnings and cash flow so that investors may ascertain the indicative value of your reported financial information. We generally find that disclosures including both a sensitivity analysis and discussion of historical experience making the critical estimate are effective in conveying this information. Please refer to FRC Section 501.14 for further guidance on this subject.

Results of Operations

General

2. We note that you provide "Gross margin" for your oil and gas, drilling, and leonardite operations before consideration of depreciation, depletion and amortization (DD&A). Please present an amount that is fully burdened with DD&A related to your production or provide an applicable reconciliation consistent with SAB Topic 11:B.

Controls and Procedures

3. We note your disclosure that based on your evaluation of the design and operation of your disclosure controls and procedures, your Chief Executive Officer and Chief Financial Officer concluded that your disclosure controls and procedures "are effective to ensure that information required to be disclosed by us in our Exchange Act reports was recorded, processed, summarized and reported within the time periods." Revise to clarify, if true, that your officers concluded that your disclosure controls and procedures are also effective to ensure that information required to be disclosed in the reports that you file or submit under the Exchange Act is accumulated and communicated to your management, including your Chief Executive Officer and Chief Financial Officer, to allow timely decisions regarding required disclosure. See Exchange Act Rule 13a-15(e). In addition, please address this comment in your Form 10-QSB.

4. We note your statement that there have been no “significant changes” to your internal controls or in other factors that could “significantly affect” these controls. Note, however, that Item 308(c) of Regulation S-B requires that you disclose *any* change in the small business issuer's “internal control over financial reporting” identified in connection with the evaluation required by paragraph (d) of Exchange Act Rules 13a-15 or 15d-15 that occurred during the fourth fiscal quarter that has “materially affected, or is reasonably likely to materially affect, the small business issuer's internal control over financial reporting.” See also Regulation S-B, paragraph 4(d) of Exhibit 31. As such, we believe you should revise your disclosure, as appropriate. In addition, please address this comment in your Form 10-QSB.

Note A – Significant Accounting Policies

Oil and Gas Properties

5. Please expand your policy footnote to address the following items identified in Rule 4-10(c) of Regulation S-X, which are required by paragraph 12(b) of APB 22:
 - Disclose how you account for the costs relating to production activities. Refer to Rule 4-10(c) (5) of Regulation S-X.
 - Disclose how the transactions described in Rule 4-10(c)(6)(i)-(iv) of Regulation S-X affect your accounting, if applicable.

Note N- Oil and Gas Producing Activities and Properties

6. We note that you have used an imputed income tax amount in your calculation of results of operations from oil and gas producing activities. Please tell us what you mean by “imputed” and whether you have complied with the requirement in paragraph 26 of SFAS 69 to use the statutory tax rate for the period. In addition, explain why there were no related tax provisions for fiscal years 2002 and 2003.

Standardized Measure of Proved Oil and Gas Reserves (Unaudited)

7. There is no provision for your use of the line item “Future development, retirement and salvage” in paragraph 7(e) of SFAS 69. Please revise your presentation in future filings, and provide us with a sample of your intended disclosure.

Engineering Comments

Properties

Leonardite Plant and Mine

8. At the end of the second paragraph of this section, you disclose that you believe that the leonardite contained in the 240 acres LMU is sufficient to supply your plant's raw material requirements for many years before these "reserves" are exhausted. Pursuant to Industry Guide 7 (b) (5), if proven or probable reserves have been established, in future filings, disclose the estimated tonnage and grades or quality, where appropriate. Industry Guide 7 can be reviewed on the Internet at <http://www.sec.gov/divisions/corpfin/forms/industry.htm#secguide7>.

Comparison of 2004 to 2003 Revenue, Costs and Gross Margins for Oil and Gas Operations

9. You state that almost all the waterflood facilities were completed in 2004 on the Landa West Madison Unit. Have you attributed any secondary recovery reserves to proved reserves? If so, please describe the nature of these reserves and the basis for classifying them as proved reserves. Tell us what percentage is classified as proved developed and proved undeveloped reserves.

Estimated Quantities of Proved Oil and Gas Reserves

10. We note that in 2002 and 2003 you had positive revisions of previous estimates of proved oil reserves of approximately 21% of your beginning 2002 proved oil reserves. We also note that oil production has declined in both 2003 and 2004. Supplementally, please explain to us in as much detail as necessary the nature of these positive revisions of your previous estimates in proved oil reserves and why production does not appear to have been impacted.

Form 10-QSB for the Fiscal Quarter Ended March 31, 2005

Controls and Procedures

11. We note your statement that "Disclosure controls and procedures, no matter how well designed and implemented, can provide only reasonable assurance of achieving an entity's disclosure objectives..." Please revise to state clearly, if true, that your disclosure controls and procedures are designed to provide reasonable assurance of achieving their objectives and that your principal executive officer and principal financial officer concluded that your disclosure controls and procedures are effective at that reasonable assurance level. In the alternative, remove the reference to the level of assurance of your disclosure controls and procedures. Refer to Section II.F.4 of Management's Reports on

Internal Control Over Financial Reporting and Certification of Disclosure in Exchange Act Periodic Reports, SEC Release No. 33-8238, available on our website at <<http://www.sec.gov/rules/final/33-8238.htm>>.

Closing Comments

As appropriate, please amend your filing and respond to these comments within 10 business days or tell us when you will provide us with a response. You may wish to provide us with marked copies of the amendment to expedite our review. Please furnish a cover letter with your amendment that keys your responses to our comments and provides any requested information. Detailed cover letters greatly facilitate our review. Please understand that we may have additional comments after reviewing your amendment and responses to our comments.

We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filing to be certain that the filing includes all information required under the Securities Exchange Act of 1934 and that they have provided all information investors require for an informed investment decision. Since the company and its management are in possession of all facts relating to a company's disclosure, they are responsible for the accuracy and adequacy of the disclosures they have made.

In connection with responding to our comments, please provide, in writing, a statement from the company acknowledging that:

- the company is responsible for the adequacy and accuracy of the disclosure in the filing;
- staff comments or changes to disclosure in response to staff comments do not foreclose the Commission from taking any action with respect to the filing; and
- the company may not assert staff comments as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States.

In addition, please be advised that the Division of Enforcement has access to all information you provide to the staff of the Division of Corporation Finance in our review of your filing or in response to our comments on your filing.

You may contact Tracie Towner at (202) 551-3744, Jennifer Goeken at (202) 551-3721, or Jill Davis, Branch Chief, at (202) 551-3683 if you have questions regarding comments on the financial statements and related matters. You may contact Roger Baer, Mining Engineer at (202) 551-3705, or Jim Murphy, Petroleum Engineer at (202) 551-

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3703 with questions about engineering comments. Please contact me at (202) 551-3740 with any other questions.

Sincerely,

H. Roger Schwall
Assistant Director