

GeoMet, Inc.  
Form S-1/A  
July 10, 2006  
Table of Contents

Index to Financial Statements

As filed with the Securities and Exchange Commission on July 10, 2006

Registration No. 333-134070

---

**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

---

**Amendment No. 2**

**to**

**Form S-1**

**REGISTRATION STATEMENT**

*UNDER*

*THE SECURITIES ACT OF 1933*

---

**GeoMet, Inc.**

*(Exact name of registrant as specified in its charter)*

**Delaware**  
*(State or other jurisdiction of  
incorporation or organization)*

**1311**  
*(Primary Standard Industrial  
Classification Code Number)*

**76-0662382**  
*(I.R.S. Employer  
Identification Number)*

**909 Fannin, Suite 3208**

**Houston, TX 77010**

Edgar Filing: GeoMet, Inc. - Form S-1/A

(713) 659-3855

*(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)*

**J. Darby Seré**

**Chairman, President and Chief Executive Officer**

**GeoMet Inc.**

**909 Fannin, Suite 3208**

**Houston, TX 77010**

**(713) 659-3855**

*(Name, address, including zip code, and telephone number, including area code, of agent for service)*

---

*Copies to:*

**Dallas Parker**

**William T. Heller IV**

**Thompson & Knight LLP**

**333 Clay Street, Suite 3300**

**Houston, TX 77002**

**(713) 654-8111**

**T. Mark Kelly**

**Alan P. Baden**

**Vinson & Elkins LLP**

**1001 Fannin Street, Suite 3300**

**Houston, TX 77002**

**(713) 758-2222**

---

**Approximate date of commencement of proposed sale to the public:** As soon as practicable after this Registration Statement is declared effective.

If any securities being registered on this form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, as amended (the "Securities Act"), check the following box. "

Edgar Filing: GeoMet, Inc. - Form S-1/A

If this form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. "

If this form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. "

If this form is a post-effective amendment filed pursuant to Rule 462(d) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. "

\_\_\_\_\_

**The registrant hereby amends this registration statement on such date or dates as may be necessary to delay its effective date until the registrant shall file a further amendment which specifically states that this registration statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act or until this registration statement shall become effective on such date as the Commission, acting pursuant to said Section 8(a), may determine.**

\_\_\_\_\_

\_\_\_\_\_

---

**Table of Contents**

**Index to Financial Statements**

*The information in the prospectus is not complete and may be changed. We may not sell these securities until the registration statement filed with the Securities and Exchange Commission is effective. This prospectus is not an offer to sell these securities, and it is not soliciting an offer to buy these securities in any jurisdiction where the offer or sale is not permitted.*

Subject to Completion, Dated July 10, 2006

Prospectus

**6,000,000 Shares**

**Common Stock**

---

GeoMet, Inc. and the selling stockholders are offering 5,450,726 shares and 549,274 shares, respectively, of common stock. This is our initial public offering, and no public market currently exists for our shares. We anticipate that the initial public offering price will be between \$13.00 and \$15.00 per share. After the offering, the market price for our shares may be outside this range.

---

We have applied to have our common stock quoted on the Nasdaq National Market under the symbol GMET.

**Investing in our common stock involves a high degree of risk. See Risk Factors beginning on page 10.**

---

	<b>Per Share</b>	<b>Total</b>
Offering price	\$	\$
Discounts and commissions to underwriters	\$	\$
Offering proceeds to GeoMet, Inc., before expenses	\$	\$
Offering proceeds to the selling stockholders(1)	\$	\$

---

(1) Expenses associated with the offering, other than underwriting discounts, will be paid by us.

**Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved these securities or determined if this prospectus is accurate or complete. Any representation to the contrary is a criminal offense.**

We have granted the underwriters the right to purchase up to 900,000 additional shares of common stock on the same terms and conditions as set forth above if the underwriters sell more than 6,000,000 shares of common stock in this offering. The underwriters can exercise this right at any time and from time to time, in whole or in part, within 30 days after the offering. The underwriters expect to deliver the shares of common stock to investors on or about \_\_\_\_\_, 2006.

## **Banc of America Securities LLC**

**A.G. Edwards**

**Raymond James**

, 2006

**Table of Contents**

**Index to Financial Statements**

**Key Areas of Operation**

**Table of Contents**

**Index to Financial Statements**

**Table of Contents**

**Index to Financial Statements**



**Table of Contents**

**Index to Financial Statements**

**TABLE OF CONTENTS**

	<b>Page</b>
<u>Summary</u>	1
<u>Risk Factors</u>	10
<u>Cautionary Statement Concerning Forward-Looking Statements</u>	22
<u>Use of Proceeds</u>	23
<u>Dividend Policy</u>	23
<u>Capitalization</u>	24
<u>Dilution</u>	25
<u>Selected Historical Consolidated Financial and Operating Data</u>	26
<u>Management's Discussion and Analysis of Results of Operations and Financial Condition</u>	29
<u>Business</u>	49
<u>Management</u>	62
<u>Security Ownership of Certain Beneficial Owners and Management</u>	73
<u>Certain Relationships and Related Party Transactions</u>	75
<u>Selling Stockholders</u>	76
<u>Description of Capital Stock</u>	77
<u>Shares Eligible for Future Sale</u>	80
<u>Material United States Federal Income Tax Considerations for Non-United States Holders</u>	82
<u>Underwriting</u>	86
<u>Legal Matters</u>	92
<u>Experts</u>	92
<u>Where You Can Find More Information</u>	92
<u>Glossary of Natural Gas and Coalbed Methane Terms</u>	93
<u>Index to Financial Statements</u>	F-1
<u>Executive Summary Report of DeGolyer and MacNaughton</u>	A-1

---

**Table of Contents**

**Index to Financial Statements**

**SUMMARY**

*This summary highlights selected information from this prospectus but does not contain all information that you should consider before investing in our common stock. You should read this entire prospectus carefully, including Risk Factors beginning on page 10, and the financial statements included elsewhere in this prospectus. In this prospectus, we refer to GeoMet, Inc., its subsidiaries and predecessors as GeoMet, we, our, or our company. References to the number of shares of our common stock outstanding have been revised to reflect a four-for-one stock split effected in January 2006. Unless otherwise indicated, share numbers in the prospectus assume that the underwriters do not exercise their option to purchase additional shares of common stock. The estimates of our proved reserves as of December 31, 2005, 2004 and 2003 included in this prospectus are based on reserve reports prepared by DeGolyer and MacNaughton, independent petroleum engineers. A summary of their report with respect to our estimated proved reserves as of December 31, 2005 is attached to this prospectus as Appendix A. We discuss sales volumes, per Mcf revenue, per Mcf cost and other data in this prospectus net of any royalty owner's interest. We have provided definitions for some of the industry terms used in this prospectus in the Glossary of Natural Gas and Coalbed Methane Terms.*

**About GeoMet**

We are engaged in the exploration, development, and production of natural gas from coal seams (coalbed methane or CBM). Our principal operations and producing properties are located in the Cahaba Basin in Alabama and the Appalachian Basin in West Virginia and Virginia. We were originally founded as a consulting company to the coalbed methane industry in 1985 and have been active as an operator and developer of coalbed methane properties since 1993. At December 31, 2005, we controlled a total of approximately 255,000 net acres of coalbed methane development rights, primarily in Alabama, West Virginia, Virginia, Louisiana, Colorado, and British Columbia. We are developing a total of approximately 77,000 net acres of coalbed methane development rights in the Gurnee field in the Cahaba Basin and in the Pond Creek field in the Appalachian Basin. We also control the balance of approximately 178,000 net acres of coalbed methane exploration and development rights primarily in north central Louisiana, British Columbia, West Virginia, and Colorado. We have conducted substantial gas desorption testing and drilling of core holes throughout our property base. We believe our extensive undeveloped acreage position in the Gurnee field in the Cahaba Basin and in the Pond Creek field in the Appalachian Basin contains a total of 586 additional drilling locations.

At December 31, 2005, we had 262.5 Bcf of estimated proved reserves with a PV-10 of approximately \$880 million using gas prices in effect at such date. See Selected Historical Consolidated Financial and Operating Data Reconciliation of Non-GAAP Financial Measures for additional information regarding PV-10. Our estimated proved reserves at December 31, 2005 were 100% coalbed methane and 74% proved developed. For the month of May 2006, our net gas sales averaged approximately 16,500 Mcf per day. For 2005, our total capital expenditures were approximately \$60 million, and our development expenditures for the development of the Gurnee and Pond Creek fields were approximately \$46.4 million. We intend to increase our development expenditures by approximately 57% in 2006 to approximately \$72 million to accelerate the drilling of the Gurnee and Pond Creek fields, of which we had spent \$10.3 million on development expenditures as of March 31, 2006. For 2006, we estimate that our total capital expenditures will be approximately \$90 million, of which we had spent \$13.4 million as of March 31, 2006.

**Areas of Operation**

***Cahaba Basin***

## Edgar Filing: GeoMet, Inc. - Form S-1/A

We have the development rights to approximately 41,800 net CBM acres throughout the Cahaba Basin of central Alabama, which is adjacent to the Black Warrior Basin. At December 31, 2005, approximately 55% of our estimated proved reserves, or 145.1 Bcf, were located in the Gurnee field within the Cahaba Basin, of which approximately 78% were classified as proved developed. At December 31, 2005, we had developed 24% of our

**Table of Contents**

**Index to Financial Statements**

Cahaba Basin CBM acreage. We own a 100% working interest in the area and are the operator. Net daily sales of gas averaged approximately 5,200 Mcf for the month of May 2006. In 2006, we intend to spend approximately \$45 million of our capital expenditure budget to develop and drill approximately 75 wells and expand our facilities in the Cahaba Basin. As of March 31, 2006, we had spent \$6.6 million of this budget and drilled 17 wells.

We have constructed and operate an approximate 38.5-mile pipeline from the Cahaba Basin to the Black Warrior River for the disposal of produced water under a permit issued by the Alabama Department of Environmental Management. We also operate a water treatment facility in the Gurnee field to condition the produced water prior to injection into the pipeline and a discharge pond at the river to aerate the water prior to disposal. We believe that these facilities will meet all of our future water disposal requirements for the Gurnee field.

We control and operate a 9.2-mile, 12-inch high-pressure steel pipeline and a gas treatment and compression facility through which we gather, dehydrate, and compress our gas for delivery into the Southern Natural Gas pipeline system.

***Appalachian Basin***

In the Appalachian Basin of southern West Virginia and southwestern Virginia, we have the rights to develop approximately 56,000 net CBM acres, approximately 35,000 of which are in our Pond Creek field. At December 31, 2005, approximately 44% of our estimated proved reserves, or 114.5 Bcf, were located within the Pond Creek field, of which approximately 70% were classified as proved developed. We own a 100% working interest in the area and are the operator. Net daily sales of gas averaged approximately 10,000 Mcf for the month of May 2006. In 2006, we intend to spend approximately \$20 million of our capital expenditure budget to develop and drill approximately 40 wells in the Pond Creek field. As of March 31, 2006, we had spent \$3.7 million of this budget and drilled nine wells.

CBM wells in the Pond Creek field produce comparatively lower levels of water. Produced water is either used in our operations or injected into a disposal well that we own and operate. We believe this disposal well will meet our future water disposal requirements in the Pond Creek field.

Our gas is gathered into our central dehydration and compression facility and delivered into the Cardinal States Gathering System for redelivery into the Columbia Gas Transmission Corporation gas pipeline system.

***British Columbia***

Our Peace River Project is comprised of approximately 36,573 gross acres (18,287 net acres), including 3,573 gross acres (1,787 net acres) acquired in May 2006, along the Peace River near Hudson's Hope, British Columbia. We are conducting operations on this project through an exploration and development agreement with a third party. We will earn a 50% working interest in this leasehold by spending \$7.2 million on an evaluation program. We have spent approximately \$7.0 million of this amount from project inception through March 31, 2006. We completed our earning obligations in May 2006 and will continue to operate this project going forward. We have drilled three core holes targeting the Lower Cretaceous Gething Coal Formation. We believe that the gas content and coal thickness under our acreage are favorable for CBM development. We have drilled and completed two production test wells and have recompleted a third production test well and a water disposal well. We are currently conducting testing operations on these wells.

*North Central Louisiana*

In Winn, LaSalle, and Caldwell Parishes of Louisiana, we are conducting an evaluation of the coals within the Wilcox formation. We operate the project with a 100% working interest. As of December 31, 2005, we had a total of approximately 119,000 net acres under lease. We have drilled 17 exploration or production test wells and

**Table of Contents**

**Index to Financial Statements**

two water disposal wells. We have also conducted 60 gas desorption tests from a sample of nine of these wells to determine the gas content of the coal and to define the potential gas resources. We believe that the gas content and coal thickness under our acreage position are favorable for CBM development. We are currently evaluating producibility issues related to zonal isolation of adjacent water sands and related water encroachment in this area.

***Piceance Basin of Colorado***

We hold a total of approximately 16,900 net CBM acres of leasehold in the Piceance Basin in Mesa County, Colorado, of which approximately 14,600 net CBM acres are located in our Cameo prospect in the southwestern portion of the Piceance Basin. We have drilled one core hole and have conducted desorption tests on the core. We believe that the gas content and coal thickness under our acreage position are favorable for CBM development. We are actively pursuing opportunities to increase our acreage position in this area.

**Characteristics of Coalbed Methane**

The source rock in conventional natural gas is usually different from the reservoir rock, while in coalbed methane the coal seam serves as both the source rock and the reservoir rock. The storage mechanism is also different. Gas is stored in the pore or void space of the rock in conventional natural gas, but in coalbed methane, most, and frequently all, of the gas is stored by adsorption. Adsorption allows large quantities of gas to be stored at relatively low pressures. A unique characteristic of coalbed methane is that the gas flow can be increased by reducing the reservoir pressure. Frequently the coalbed pore space, which is in the form of cleats or fractures, is filled with water. The reservoir pressure is reduced by pumping out the water, releasing the methane from the molecular structure, which allows the methane to flow through the cleat structure to the well bore. While a conventional natural gas well typically decreases in flow as the reservoir pressure is drawn down, a coalbed methane well will typically increase in production for up to five years depending on well spacing.

Coalbed methane and conventional natural gas both have methane as their major component. While conventional natural gas often has more complex hydrocarbon gases, coalbed methane rarely has more than 2% of the more complex hydrocarbons. In the eastern coal fields of the United States, coalbed methane is generally 98 to 99% pure methane and requires only dehydration of the gas to remove moisture to achieve pipeline quality. In the western coal fields of the United States, it is also sometimes necessary to strip out either carbon dioxide or nitrogen. Once coalbed methane has been produced, it is gathered, transported, marketed, and priced in the same manner as conventional natural gas.

The content of gas within a coal seam is measured through gas desorption testing. The ability to flow gas and water to the well bore in a coalbed methane well is determined by the fracture or cleat network in the coal. While at shallow depths of less than 500 feet these fractures are sometimes open enough to produce the fluids naturally, at greater depths the networks are progressively squeezed shut, reducing the ability to flow. It is necessary to provide other avenues of flow such as hydraulically fracturing the coal seam. By pumping fluids at high pressure, fractures are opened in the coal and a slurry of fluid and sand proppant is pumped into the fractures so that the fractures remain open after the release of pressure, thereby enhancing the flow of both water and gas to allow the economic production of gas.

**Table of Contents**

**Index to Financial Statements**

**Summary of Our Properties as of December 31, 2005**

Field	Estimated Proved Reserves(1)		
	Proved	Proved Developed	PV-10(2)
	(MMcf)	(MMcf)	(In millions)
<b>Appalachia:</b>			
Pond Creek field	114,458	79,864	\$ 366.3
<b>Alabama:</b>			
Gurnee field	145,062	112,517	496.6
White Oak Creek field	2,991	2,758	17.3
<b>Total</b>	<b>262,511</b>	<b>195,139</b>	<b>\$ 880.2</b>

Area	Net	Additional	Net CBM Acres Owned or Controlled		
	Productive	Drilling	Total	Developed	Undeveloped
	Wells(3)	Locations(4)			
Appalachian Basin	163	220	55,616	11,599	44,017
Cahaba Basin	132	366	41,766	10,120	31,646
North Central Louisiana	17		119,244		119,244
British Columbia	1		16,500		16,500
Piceance Basin			16,949		16,949
Other (United States)			4,790		4,790
<b>Total</b>	<b>313</b>	<b>586</b>	<b>254,865</b>	<b>21,719</b>	<b>233,146</b>

- (1) Based on the reserve report prepared by DeGolyer and MacNaughton, independent petroleum engineers, a summary of which is attached to this prospectus as Appendix A.
- (2) PV-10 was calculated using a natural gas price at December 31, 2005 of \$9.66 per Mcf. See Selected Historical Consolidated Financial and Operating Data Reconciliation of Non-GAAP Financial Measures for additional information.
- (3) Excludes seven net wells pending completion at December 31, 2005. Productive wells are wells in which we have a working interest and that are producing or are capable of producing natural gas.
- (4) Additional drilling locations represent locations specifically identified and scheduled by management as an estimate of our future multi-year drilling activities on existing acreage. Of the total locations shown in the table, 130 are classified as proved undeveloped locations.

**Recent Drilling Activity (net productive wells)**

Year Ended December 31,

Edgar Filing: GeoMet, Inc. - Form S-1/A

	<u>2005(1)</u>	<u>2004</u>	<u>2003</u>	<u>2002</u>
Development	93.0	81.8	47.7	9.6
Exploratory	5.0	10.0	15.0	2.5
<b>Total</b>	<b>98.0</b>	<b>91.8</b>	<b>62.7</b>	<b>12.1</b>
<b>Total capital expenditures (in thousands)</b>	<b>\$ 59,202</b>	<b>\$ 86,189(2)</b>	<b>\$ 36,069</b>	<b>\$ 12,770</b>

(1) Excludes seven net wells pending completion.

(2) Includes \$27 million for the acquisition of producing properties.

**Strategy**

Our objective is to increase stockholder value by investing capital to increase our reserves, production, cash flow, and earnings. We intend to focus on the following strategies:

Focus exclusively on coalbed methane operations where we have substantial experience and expertise.



## **Table of Contents**

### **Index to Financial Statements**

Exploit our existing resource base by accelerating drilling in our projects and expanding into adjacent areas, thereby leveraging our knowledge of the area and our existing infrastructure and operating base.

Explore for large-scale CBM development opportunities both in our existing core areas and in other areas that we enter, where we intend to have operating control and the ability to reduce costs through economies of scale. We seek to be among the first companies in an area so that our costs of entry are less, large acreage positions can be established, and smaller incremental investments can be made to reduce our risk before larger expenditures are required.

Pursue opportunistic CBM producing property acquisitions.

Optimize financial flexibility by maintaining unused capacity under our bank revolving credit facility. We have a five-year, \$180 million revolving credit facility with a \$150 million borrowing base, of which \$77.0 million was available for borrowing at July 7, 2006.

### **Competitive Strengths**

*CBM Is Our Only Business.* We explore for, develop, and produce CBM exclusively. We believe that substantial expertise and experience is required to develop, produce, and operate coalbed methane fields in an efficient manner. We believe that the inherent geologic and production characteristics of coalbed methane offer significant operational advantages compared to conventional gas production, including:

*Production Rates.* Unlike conventional natural gas production, which typically declines after initial production is established, production from CBM wells typically increases for the first few years of their productive lives although eventual peak rates are often lower than those of typical conventional gas wells. CBM wells also generally decline at a shallow rate relative to typical conventional gas wells.

*Low Geologic Risks.* Most CBM areas are located in known coal basins where the coal resource has been evaluated for coal mining. These areas have extensive existing geologic information databases. The drilling of new coreholes and a limited number of production test wells reduces the geologic risk prior to committing large development expenditures.

*Low Finding and Development Costs.* Our finding and development costs have averaged \$0.95 per Mcf for the three-year period ended December 31, 2005. These costs include estimated future development costs associated with proved undeveloped reserves.

*Low Production Costs.* In the early stage of CBM project development per unit operating costs are high because production is initially low and many of our costs are fixed. As production from a project increases and economies of scale are realized, the per unit operating costs typically decrease. Over the life of a project, we believe our average per unit operating costs will be lower than those of many conventional gas industry projects.

*Long-lived Reserves.* Because CBM wells have initial inclining production rates and low decline rates thereafter, CBM projects typically result in a reserve life that is significantly longer than many types of conventional gas production.

## Edgar Filing: GeoMet, Inc. - Form S-1/A

*Highly Experienced Team of CBM Professionals.* Our 24-person CBM management, professional, and project management team has an average of more than 16 years of CBM experience and has participated in the drilling and operation of more than 2,600 CBM wells worldwide since 1977.

*Large Inventory of Organic Growth Opportunities.* We have a total of over 255,000 net acres of CBM exploration and development rights, including almost 77,000 net undeveloped acres in our two development areas. We believe our extensive undeveloped acreage position in the Gurnee field in the Cahaba Basin and in the Pond Creek field in the Appalachian Basin provides us with a total of 586 additional drilling locations.

**Table of Contents**

**Index to Financial Statements**

*Track Record of Success in Identifying and Exploiting Large Underdeveloped Resource Plays.* We pursue those projects that leverage our CBM expertise to exploit underdeveloped resource potential where we believe we can improve on the prior performance of other operators. We have a history of developing large scale projects in multiple basins with low finding and development costs and low project life operating costs.

*Minimal Water Disposal Issues.* Unlike many CBM projects, water disposal is not a significant issue for us in the Gurnee field, where we have a pipeline in place to transport produced water for disposal into the Black Warrior River, or in the Pond Creek field, which produces comparatively low amounts of water and where we have an existing water disposal well that we believe is adequate for our needs.

**Risks Affecting Our Business**

Our ability to successfully leverage our competitive strengths and execute our strategy depends upon many factors and is subject to a variety of risks. For example, our ability to accelerate drilling on our properties and fund our 2006 capital budget depends, to a large extent, upon our ability to generate cash flow from operations at or above current levels, maintain borrowing capacity at or near current levels under our revolving credit facility, and the availability of future debt and equity financing at attractive prices. Our ability to fund CBM property acquisitions and compete for and retain the qualified personnel necessary to conduct our business is also dependent upon our financial resources. Changes in natural gas prices, which may affect both our cash flows and the value of our gas reserves, our ability to replace production through drilling activities, a material adverse change in our gas reserves due to factors other than gas pricing changes, our ability to transport our gas to markets, drilling costs and other factors, many of which are beyond our control, may adversely affect our ability to fund our anticipated capital expenditures, pursue property acquisitions, and compete for qualified personnel, among other things. You are urged to read the section entitled Risk Factors for more information regarding these and other risks that may affect our business and our common stock.

**Table of Contents**

**Index to Financial Statements**

**CORPORATE INFORMATION**

During the first quarter of 2006, we completed a private equity offering of 10,250,000 shares of our common stock, consisting of 2,317,023 shares issued by us and 7,932,977 shares sold by certain of our existing stockholders, to qualified institutional buyers. We received aggregate consideration (before offering expenses of \$850,000 but after the initial purchaser's discount) of approximately \$28.0 million, or \$12.09 per share. We did not receive any proceeds from the shares sold by the selling stockholders. In addition, we received approximately \$17.5 million from certain of the selling stockholders for repayment of loans from us, including accrued and unpaid interest thereon. We used the net proceeds from the offering, together with the proceeds from the repayment of the selling stockholders' loans, to repay a portion of the borrowings under our credit facility and for general corporate purposes.

On April 14, 2005, GeoMet, Inc., an Alabama corporation ( Old GeoMet ), was merged with and into GeoMet Resources, Inc., a Delaware corporation ( GeoMet ), and we subsequently changed our name to GeoMet, Inc. We initially acquired 80% of the common stock of Old GeoMet on December 9, 2000 and subsequently acquired an additional 0.95% of Old GeoMet's common stock on November 17, 2004. Accordingly, the equity of the minority interests in Old GeoMet was shown in the consolidated financial statements as a minority interest prior to April 14, 2005. The merger and related acquisition of the minority interest in Old GeoMet improved our financial flexibility, simplified our capital structure, and by aligning the interests of all equity holders, created a corporate structure more suited to a sale, public offering or other liquidity alternative for equity holders. Prior to our acquisition of the remaining minority interest in Old GeoMet, Old GeoMet held all of our gas assets and was, therefore, the borrower under bank credit facilities secured by such assets. We provided financing, management and other services to Old GeoMet, and Old GeoMet owed us \$40 million in senior subordinated debt that had been advanced to fund exploration and development projects. Our acquisition of Old GeoMet eliminated the senior subordinated debt owned to us, combined our management and other personnel with the assets held by Old GeoMet that we managed, aligned the interests of our respective equity holders, and simplified our overall corporate structure. As a consequence of the elimination of the senior subordinated debt, borrowing capacity increased and financial flexibility was improved. The alignment of the interests of equity holders simplified our planning with respect to various liquidity alternatives and, generally, made it easier for investors and others to understand our company.

Our corporate headquarters are located at 909 Fannin, Suite 3208, Houston, Texas 77010 and our telephone number is (713) 659-3855. Our corporate website address is [www.geometinc.com](http://www.geometinc.com). Our technical and operational headquarters are located at 5336 Stadium Trace Parkway, Suite 206, Birmingham, Alabama 35244.

**Table of Contents**

**Index to Financial Statements**

**THE OFFERING**

Common stock offered by us(1) 5,450,726 shares.

Common stock offered by the selling stockholders 549,274 shares.

Common stock to be outstanding after this offering(1)(2)(3) 38,064,747 shares.

Use of proceeds We will receive net proceeds from the sale of the shares offered by us, after deducting estimated offering expenses and underwriting discounts and commissions, of approximately \$70.1 million, based on an assumed offering price of \$14.00 per share (the mid-point of the price range set forth on the cover of this prospectus). We intend to use our net proceeds from this offering to repay outstanding indebtedness under our credit facility. In the event the underwriters exercise their option to purchase additional shares of common stock, we will use the additional net proceeds of approximately \$11.7 million (assuming the option is exercised in full) to pay the remaining outstanding indebtedness under our credit facility and use the remainder for general corporate purposes. We will not receive any proceeds from the sale of shares of our common stock by the selling stockholders.

Dividend policy We do not anticipate that we will pay cash dividends in the foreseeable future. Our credit facility prohibits the payment of cash dividends.

Risk factors For a discussion of factors you should consider in making an investment, see Risk Factors.

Proposed Nasdaq symbol GMET

- 
- (1) We have granted the underwriters an option to purchase up to 900,000 additional shares of our common stock if the underwriters sell more than 6,000,000 shares of common stock in this offering. Unless otherwise indicated, share numbers assume that the underwriters do not exercise their option to purchase additional shares of common stock.
  - (2) Excludes options to purchase 1,770,990 shares of our common stock outstanding as of March 31, 2006, of which 1,682,990 were exercisable within 60 days, and of which 21,270 shares to be issued upon the exercise of options that have been or will be exercised and will be sold by certain of the selling stockholders in this offering.
  - (3) Represents 32,614,021 shares outstanding on March 31, 2006, and the 5,450,726 shares to be issued and sold by us in this offering.

**Table of Contents****Index to Financial Statements****SUMMARY OF FINANCIAL, RESERVE AND OPERATING DATA**

The following table shows our historical financial, reserve and operating data for, and as of the end of, each of the periods indicated. Our historical results are not necessarily indicative of the results that may be expected for any future period. The following data should be read in conjunction with Management's Discussion and Analysis of Results of Operations and Financial Condition and our consolidated financial statements and related notes included elsewhere in this prospectus.

	Three Months		Year Ended December 31,		
	Ended March 31,		2005	2004	2003
	2006	2005	2005	2004	2003
(Unaudited)					
(In thousands, unless otherwise indicated)					
<b>STATEMENT OF OPERATIONS AND COMPREHENSIVE INCOME DATA:</b>					
Total revenues	\$ 12,311	\$ 6,507	\$ 41,980	\$ 20,924	\$ 12,049
Lease operating expenses, compression and transportation expenses and production taxes	4,186	2,930	12,933	7,517	3,047
Depreciation, depletion and amortization	1,834	885	4,867	2,691	2,120
Research and development	69	1	609	278	432
General and administrative	1,020	751	3,208	2,513	1,370
Impairment of non-operating assets					8
Realized losses (gains) on derivative contracts	596	(165)	7,473	815	44
Unrealized losses (gains) from the change in market value of open derivative contracts	(9,074)	4,839	12,059	(542)	102
Income from operations	13,680	(2,734)	831	7,652	4,926
Other expenses and interest, net	866	592	3,839	920	144
Income tax expense (benefit)	5,652	(1,106)	(993)	2,312	1,651
Minority interest			(442)	584	571
Cumulative effect of change in accounting method		(507)			19
Net income (loss)	\$ 7,163	\$ (1,713)	\$ (1,573)	\$ 3,836	\$ 2,541
<b>BALANCE SHEET DATA (at period end):</b>					
Working capital (deficit)	\$ (8,384)	\$ (6,388)	\$ (7,368)	\$ (1,251)	\$ 5,133
Total assets	\$ 260,951	\$ 159,284	\$ 247,909	\$ 142,090	\$ 81,505
Long-term debt	\$ 58,377	\$ 67,467	\$ 99,926	\$ 51,513	\$ 10,102
Stockholders' equity	\$ 147,214	\$ 60,975	\$ 95,422	\$ 65,692	\$ 52,754
<b>OTHER DATA:</b>					
Net cash provided by operating activities	\$ 10,504	\$ 2,696	\$ 12,433	\$ 10,580	\$ 10,801
Net cash used in investing activities	\$ (13,038)	\$ (18,134)	\$ (59,661)	\$ (66,193)	\$ (36,341)
Net cash provided by financing activities	\$ 3,270	\$ 15,948	\$ 44,906	\$ 50,192	\$ 30,534
Capital expenditures	\$ 13,327	\$ 18,130	\$ 59,817	\$ 86,189	\$ 36,069
Net sales volume (Bcf)	1.4	1.0	4.6	3.2	2.5
Average natural gas sales price (\$ per Mcf)	\$ 9.08	\$ 6.38	\$ 9.06	\$ 6.12	\$ 4.71
Average natural gas sales price (\$ per Mcf) realized(1)	\$ 8.64	\$ 6.56	\$ 7.43	\$ 5.87	\$ 4.69
Total production expenses (\$ per Mcf)	\$ 3.09	\$ 2.94	\$ 2.81	\$ 2.36	\$ 1.23
Expenses: (\$ per Mcf)					
Lease operating expenses	\$ 2.09	\$ 2.09	\$ 1.89	\$ 1.60	\$ 0.66
Compression and transportation expenses	\$ .79	\$ .72	\$ .72	\$ 0.61	\$ 0.40
Production taxes	\$ .20	\$ .13	\$ .20	\$ 0.15	\$ 0.17
Research and development	\$ .05	\$ .	\$ .13	\$ 0.09	\$ 0.17
General and administrative	\$ .75	\$ .75	\$ .70	\$ 0.79	\$ 0.55
Depreciation, depletion & amortization	\$ 1.35	\$ .89	\$ 1.06	\$ 0.84	\$ 0.85

## Edgar Filing: GeoMet, Inc. - Form S-1/A

Estimated proved reserves (Bcf)(2)				262.5	209.9	103.9
PV-10 (\$ millions)(2)(3)				\$ 880.2	\$ 481.8	\$ 236.9
Standardized measure of discounted future net cash flows (\$ millions)				\$ 632.7	\$ 349.8	\$ 172.5
Price used for PV-10 (\$ per Mcf)(2)				\$ 9.66	\$ 6.21	\$ 5.77
EBITDA (in millions)(3)	\$	15.5	\$	(1.3)	\$	6.1
				\$	9.8	\$ 6.5

- (1) Average realized price includes the effects of realized losses on derivative contracts.
- (2) Based on the reserve reports prepared by DeGolyer and MacNaughton, independent petroleum engineers, at each period end. The natural gas price used to compute PV-10 is volatile and may fluctuate widely. Refer to [Risk Factors](#) for a more complete discussion.
- (3) See [Selected Historical Financial and Operating Data Reconciliation of Non-GAAP Financial Measures](#) for additional information.

**Table of Contents**

**Index to Financial Statements**

**RISK FACTORS**

*You should consider carefully each of the risks described below, together with all of the other information contained in this prospectus, before deciding to invest in our common stock.*

**Risks Related to Our Business**

**Natural gas prices are volatile, and a decline primarily in natural gas prices would significantly affect our financial results and impede our growth.**

Our revenue, profitability, and cash flow depend upon the prices and demand for natural gas. The market for natural gas is very volatile and even relatively modest drops in prices can significantly affect our financial results and impede our growth. Changes in natural gas prices have a significant impact on the value of our reserves and on our cash flow. Prices for natural gas may fluctuate widely in response to relatively minor changes in the supply of and demand for natural gas, market uncertainty and a variety of additional factors that are beyond our control, such as:

the domestic and foreign supply of natural gas;

the price of foreign imports;

overall domestic and global economic conditions;

the consumption pattern of industrial consumers, electricity generators, and residential users;

weather conditions;

technological advances affecting energy consumption;

domestic and foreign governmental regulations;

proximity and capacity of gas pipelines and other transportation facilities; and

the price and availability of alternative fuels.



Many of these factors may be beyond our control. Because all of our estimated proved reserves as of December 31, 2005 were natural gas reserves, our financial results are sensitive to movements in natural gas prices. Earlier in this decade, natural gas prices were much lower than they are today. Lower natural gas prices may not only decrease our revenues on a per Mcf basis, but also may reduce the amount of natural gas that we can produce economically. This may result in our having to make substantial downward adjustments to our estimated proved reserves. If this occurs or if our estimates of development costs increase, production data factors change or our exploration results deteriorate, accounting rules may require us to write down, as a non-cash charge to earnings, the carrying value of our properties for impairments. We are required to perform impairment tests on our assets whenever events or changes in circumstances lead to a reduction of the estimated useful life or estimated future cash flows that would indicate that the carry amount may not be recoverable or whenever management's plans change with respect to those assets. We may incur impairment charges in the future, which could have a material adverse effect on our results of operations in the period taken.

**We face uncertainties in estimating proved gas reserves, and inaccuracies in our estimates could result in lower than expected reserve quantities and a lower present value of our reserves.**

Natural gas reserve engineering requires subjective estimates of underground accumulations of natural gas and assumptions concerning future natural gas prices, production levels, and operating and development costs. In addition, in the early stages of a coalbed methane project, it is difficult to predict the production curve of a coalbed methane field. The estimated production profile of a field in the early stage of operations may vary significantly from the actual production profile as the field matures. As a result, quantities of estimated proved reserves, projections of future production rates, and the timing of development expenditures may be incorrect. Over time, material changes to reserve estimates may be made, taking into account the results of actual drilling.

**Table of Contents**

**Index to Financial Statements**

testing, and production. Also, we make certain assumptions regarding future natural gas prices, production levels, and operating and development costs that may prove incorrect. Any significant variance from these assumptions to actual figures could greatly affect our estimates of our reserves, the economically recoverable quantities of natural gas attributable to any particular group of properties, the classifications of reserves based on risk of recovery, and estimates of the future net cash flows. Numerous changes over time to the assumptions on which our reserve estimates are based, as described above, often result in the actual quantities of gas we ultimately recover being different from reserve estimates.

The present value of future net cash flows from our estimated proved reserves is not necessarily the same as the current market value of our estimated natural gas reserves. We base the estimated discounted future net cash flows from our estimated proved reserves on current prices and costs. However, actual future net cash flows from our gas properties also will be affected by factors such as:

geological conditions;

changes in governmental regulations and taxation;

assumptions governing future prices;

the amount and timing of actual production;

future gas prices and operating costs; and

capital costs of drilling new wells.

The timing of both our production and our incurrence of expenses in connection with the development and production of natural gas properties will affect the timing of actual future net cash flows from estimated proved reserves, and thus their actual present value. In addition, the 10% discount factor we use when calculating discounted future net cash flows may not be the most appropriate discount factor based on interest rates in effect from time to time and risks associated with us or the natural gas and oil industry in general.

**Unless we replace our natural gas reserves, our reserves and production will decline, which would adversely affect our business, financial condition, results of operations, and cash flows.**

Producing natural gas reservoirs are typically characterized by declining production rates that vary depending upon reservoir characteristics and other factors. CBM production generally declines at a shallow rate after initial increases in production which result as a consequence of the dewatering process. The rate of decline from our existing wells may change in a manner different than we have estimated. Thus, our future natural gas 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. We may not be able to develop, find, or acquire additional reserves to replace our current and future production at acceptable costs.

**Currently the vast majority of our producing properties are located in two counties in Alabama, one county in West Virginia, and one county in Virginia, making us vulnerable to risks associated with having our production concentrated in a few areas.**

The vast majority of our producing properties are geographically concentrated in two counties in Alabama, one county in West Virginia, and one county in Virginia. As a result of this concentration, we may be disproportionately exposed to the impact of delays or interruptions of production from these wells caused by significant governmental regulation, transportation capacity constraints, curtailment of production, natural disasters, interruption of transportation of natural gas produced from the wells in these basins, or other events which impact these areas.

---

**Table of Contents**

**Index to Financial Statements**

**Our ability to market the gas we produce depends in substantial part on the availability and capacity of pipelines systems owned and operated by third parties. Operational impediments on these pipeline systems may hinder our access to natural gas markets or delay our production.**

The availability of a ready market for our natural gas production depends on a number of factors, including the proximity of our reserves to pipelines, capacity constraints on pipelines, and disruption of transportation of natural gas through pipelines. We transport the natural gas we produce principally through pipelines owned by third parties. If we cannot access these third-party pipelines, or if transportation of gas through any of these pipelines is disrupted, we may be required to shut in or curtail production from some of our wells or seek alternate methods of transportation of our production. If any of these were to occur, our revenues would be reduced, which would in turn have a material adverse effect on our financial condition and results of operations.

The natural gas we produce from the Pond Creek field in the Appalachian Basin is gathered at our central dehydration and compression facility and is delivered into the Cardinal States Gathering Company ( Cardinal States ) gathering system for redelivery into the Columbia Gas Transmission Corporation gas pipeline system. Our gathering agreement with Cardinal States terminates on April 30, 2007. However, we are currently constructing a 12-mile pipeline to transport the natural gas we produce from the Pond Creek field into the Jewell Ridge Pipeline, which is currently being constructed by East Tennessee Natural Gas, LLC, a subsidiary of Duke Energy Corporation. Upon completion of our new pipeline, it will no longer be necessary for us to access the Cardinal States gathering system to transport our gas to market. Pocahontas Mining Limited Liability Company ( PMC ) owns a portion of the land through which our new pipeline will be constructed and has granted us an easement to construct the pipeline on this land under a right-of-way agreement. CNX Gas Company LLC ( CNX ), the parent company of Cardinal States, has recently notified us that it believes that the pipeline right-of-way granted to us by PMC is invalid and that it has the exclusive right to transport natural gas across PMC 's property. Thereafter, CNX gated certain access roads to PMC 's property, impeding the construction of our pipeline; however, we have continued constructing the pipeline on acreage to which we have access.

We and PMC have applied for a temporary and permanent injunction in the Circuit Court of Buchanan County, Virginia to prevent CNX from impeding our access to the property and are also seeking a declaration of our rights under the right-of-way agreement. The court conducted evidentiary hearings on June 15, 2006 and July 6, 2006. At the hearings, the court ordered CNX to allow us and PMC access to the property over and across the existing roads and directed the parties to prepare a scheduling order setting forth timelines for discovery and setting the trial date for this matter for November 15, 2006. On June 30, 2006, CNX filed a counterclaim against PMC and us seeking a declaratory judgment from the court that CNX has superior rights to our rights to the surface of the PMC property and that CNX has the exclusive right to construct pipelines, transport gas, and use roads on the PMC property.

In the event we are unsuccessful in obtaining a favorable declaratory judgment, we may be required to construct an alternate pipeline at a cost in excess of \$12 million, change the planned route of the pipeline we are currently constructing at a cost that could add more than \$5 million to the cost of construction of the pipeline, pay CNX an access fee for any gas transported across the PMC property at a rate up to 3.5% of the gross proceeds from the sale of such gas, or seek other transportation alternatives through pipelines owned by third parties. We do not know what the cost of other transportation alternatives with third parties would be at this time, but we believe that such cost would be significantly in excess of the costs related to the construction and operation of our own pipeline. Any of these alternatives may result in our inability to deliver the gas we produce from the Pond Creek field to market for some period of time. If we are unable to deliver our gas to market for a prolonged period of time, our financial position, results of operations and cash flow will be materially adversely affected.

**We may be unable to obtain adequate acreage to develop additional large-scale projects.**

## Edgar Filing: GeoMet, Inc. - Form S-1/A

To achieve economies of scale and produce gas economically, we need to acquire large acreage positions to reduce our per unit costs. There are a limited number of coalbed formations in North America that we believe are

**Table of Contents**

**Index to Financial Statements**

favorable for CBM development. We face competition when acquiring additional acreage, and we may be unable to find or acquire additional acreage at prices that are acceptable to us.

**Our exploration and development activities may not be commercially successful.**

The exploration for and production of natural gas involves numerous risks. The cost of drilling, completing, and operating wells for coalbed methane or other gas is often uncertain, and a number of factors can delay or prevent drilling operations or production, including:

unexpected drilling conditions;

title problems;

pressure or irregularities in geologic formations;

equipment failures or repairs;

fires or other accidents;

adverse weather conditions;

reductions in natural gas prices;

pipeline ruptures; and

unavailability or high cost of drilling rigs, other field services, and equipment.

Our future drilling activities may not be successful, and our drilling success rates could decline. Unsuccessful drilling activities could result in higher costs without any corresponding revenues.

**We will require additional capital to fund our future activities. If we fail to obtain additional capital, we may not be able to implement fully our business plan, which could lead to a decline in reserves.**

## Edgar Filing: GeoMet, Inc. - Form S-1/A

We depend on our ability to obtain financing beyond our cash flow from operations. Historically, we have financed our business plan and operations primarily with internally generated cash flow, bank borrowings, and issuances of common stock. Our future contractual commitments from January 1, 2006 through December 31, 2011 total \$150 million and include debt service, operating lease obligations, firm transportation obligations and other obligations, collectively aggregating approximately \$18 million during 2006, \$25 million during 2007 to 2010, and \$107 million during 2011 to 2012, when our existing credit facility matures. We also require capital to fund our drilling budget, which is expected to be \$90 million for 2006. We will be required to meet our needs from our internally generated cash flow, debt financings, and equity financings.

If our revenues decrease as a result of lower natural gas prices, operating difficulties, declines in reserves or for any other reason, we may have limited ability to obtain the capital necessary to sustain our operations at current levels. We may, from time to time, need to seek additional financing. Our revolving credit facility contains covenants restricting our ability to incur additional indebtedness without the consent of the lender. There can be no assurance that our lender will provide this consent or as to the availability or terms of any additional financing. If we incur additional debt, the related risks that we now face could intensify. A higher level of debt also increases the risk that we may default on our debt obligations. Our level of debt affects our operations in several important ways, including the following:

a portion of our cash flow from operations is used to pay interest on borrowings;

a high level of debt may impair our ability to obtain additional financing in the future for working capital, capital expenditures, acquisitions, general corporate or other purposes;

a leveraged financial position would make us more vulnerable to economic downturns and could limit our ability to withstand competitive pressures; and

any debt that we incur under our revolving credit facility will be at variable rates which makes us vulnerable to increases in interest rates. For example, a 1% increase in interest rates based upon our debt outstanding as of December 31, 2005 would result in an additional \$990,000 of interest expense.

**Table of Contents**

**Index to Financial Statements**

Even if additional capital is needed, we may not be able to obtain debt or equity financing on terms favorable to us, or at all. If cash generated by operations or available under our revolving credit facility is not sufficient to meet our capital requirements, the failure to obtain additional financing could result in a curtailment of our operations relating to exploration and development of our projects, which in turn could lead to a possible loss of properties and a decline in our natural gas reserves.

**Our credit facility contains a number of financial and other covenants, and our obligations under the credit facility are secured by substantially all of our assets. If we are unable to comply with these covenants, our lenders could accelerate the repayment of our indebtedness.**

Our credit facility subjects us to a number of covenants that impose restrictions on us, including our ability to incur indebtedness and liens, make loans and investments, sell assets, engage in mergers, consolidations and acquisitions, enter into transactions with affiliates, or pay dividends on our common stock. We are also required by the terms of our credit facility to comply with certain financial ratios. Our credit facility also provides for periodic redeterminations of our borrowing base, which may affect our borrowing capacity. Our credit facility is secured by a lien on substantially all of our assets, including equity interests in our subsidiaries. A more detailed description of our credit facility is included in Management's Discussion and Analysis of Financial Condition and Results of Operations - Liquidity and Capital Resources and the footnotes to our consolidated financial statements included elsewhere in this prospectus.

A breach of any of the covenants imposed on us by the terms of our credit facility, including the financial covenants, could result in a default under such indebtedness. In the event of a default, the lenders could terminate their commitments to us, and they could accelerate the repayment of all of our indebtedness. In such case, we may not have sufficient funds to pay the total amount of accelerated obligations, and our lenders could proceed against the collateral securing the facility. Any acceleration in the repayment of our indebtedness or related foreclosure could adversely affect our business.

In addition, the borrowing base under our credit facility is redetermined semi-annually and may be redetermined at other times upon request by the lenders under certain circumstances. Redeterminations are based upon a number of factors, including commodity prices and reserve levels. The next scheduled redetermination is to occur as of June 30, 2006. Upon a redetermination, we could be required to repay a portion of our bank debt. We may not have sufficient funds to make such repayments, which could result in a default under the terms of the credit facility and an acceleration of our indebtedness.

**We operate in a highly competitive environment and many of our competitors have greater resources than we do.**

The gas industry is intensely competitive and we compete with companies from various regions of the United States and Canada and may compete with foreign suppliers for domestic sales, many of whom are larger and have greater financial, technological, human and other resources. If we are unable to compete, our operating results and financial position may be adversely affected. For example, one of our competitive strengths is as a low-cost producer of gas. If our competitors can produce gas at a lower cost than us, it would effectively eliminate our competitive advantage in that area.

In addition, larger companies may be able to pay more to acquire new properties for future exploration, limiting our ability to replace gas we produce or to grow our production. Our ability to acquire additional properties and to discover new reserves also depends on our ability to evaluate and select suitable properties and to consummate these transactions in a highly competitive environment.





**Table of Contents**

**Index to Financial Statements**

**The coalbeds from which we produce gas frequently contain water that may hamper our ability to produce gas in commercial quantities or affect our profitability.**

Unlike conventional natural gas production, coalbeds frequently contain water that must be removed in order for the gas to desorb from the coal and flow to the well bore. Our ability to remove and dispose of sufficient quantities of water from the coal seam will determine whether or not we can produce gas in commercial quantities. The cost of water disposal may affect our profitability.

**We may face unanticipated water disposal costs.**

Where water produced from our projects fails to meet the quality requirements of applicable regulatory agencies or our wells produce water in excess of the applicable volumetric permit limit, we may have to shut in wells, reduce drilling activities, or upgrade facilities. The costs to dispose of this produced water may increase if any of the following occur:

we cannot obtain future permits from applicable regulatory agencies;

water of lesser quality is produced;

our wells produce excess water; or

new laws and regulations require water to be disposed of in a different manner.

**Our identified drilling locations are scheduled over a period in excess of five years, making them susceptible to uncertainties that could materially alter the occurrence or timing of their drilling.**

Our management has specifically identified and scheduled drilling locations as an estimation of our future multi-year drilling activities on our acreage located in the Pond Creek field and the Cahaba Basin. As of December 31, 2005, we had identified and scheduled 586 gross drilling locations on this acreage. These scheduled drilling locations represent a significant part of our growth strategy. Our ability to drill and develop these locations depends on a number of uncertainties, including natural gas prices, the availability of capital, costs, drilling results, our ability to transport our gas to market, regulatory approvals and other factors. Because of these uncertainties, we do not know if all of the potential drilling locations we have identified will ever be drilled or if we will be able to produce natural gas from these or any other potential drilling locations. In addition, unless we drill a minimum number of wells annually on this acreage, the leases covering such acreage will expire. As such, our actual drilling activities may materially differ from those presently identified, which could adversely affect our business.

**Our operations in British Columbia present unique risks and uncertainties, different from or in addition to those we face in our domestic operations.**

## Edgar Filing: GeoMet, Inc. - Form S-1/A

We conduct our operations in British Columbia through our wholly owned subsidiary, Hudson's Hope Gas Ltd. Our operations in British Columbia may be adversely affected by currency fluctuations. The expenses of such operations are payable in Canadian dollars. As a result, our Canadian operations are subject to risk of fluctuations in the relative value of the Canadian and United States dollars. Other risks of operations in Canada include, among other things, increases in taxes and governmental royalties and changes in laws and policies governing operations of foreign-based companies. Laws and policies of the United States affecting foreign trade and taxation may also adversely affect our operations in British Columbia.

**We may be unable to retain our existing senior management team and/or our key personnel that has expertise in coalbed methane extraction and our failure to continue to attract qualified new personnel could adversely affect our business.**

Our business requires disciplined execution at all levels of our organization to ensure that we continually develop our reserves and produce gas at profitable levels. This execution requires an experienced and talented

**Table of Contents**

**Index to Financial Statements**

management and production team. If we were to lose the benefit of the experience, efforts and abilities of any of our key executives or the members of our team that have developed substantial expertise in coalbed methane extraction, our business could be adversely affected. We have not entered into, and do not expect to enter into employment agreements or non-competition agreements with any of our key employees, other than J. Darby Seré, our Chief Executive Officer and President, and William C. Rankin, our Executive Vice President and Chief Financial Officer. We do not maintain key person life insurance on any of our personnel. Our ability to manage our growth, if any, will require us to continue to train, motivate, and manage our employees and to attract, motivate, and retain additional qualified managerial and production personnel. Competition for these types of personnel is intense, and we may not be successful in attracting, assimilating, and retaining the personnel required to grow and operate our business profitably.

**Government laws, regulations, and other legal requirements relating to protection of the environment, health and safety matters and others that govern our business increase our costs and may restrict our operations.**

We are subject to laws, regulations and other legal requirements enacted or adopted by federal, state, local, and foreign authorities, relating to protection of the environment and health and safety matters, including those legal requirements that govern discharges of substances into the air and water, the management and disposal of hazardous substances and wastes, the clean-up of contaminated sites, groundwater quality and availability, plant and wildlife protection, reclamation and restoration of mining or drilling properties after mining or drilling is completed, control of surface subsidence from underground mining, and work practices related to employee health and safety. Complying with these requirements, including the terms of our permits, has had, and will continue to have, a significant effect on our respective costs of operations and competitive position. In addition, we could incur substantial costs, including clean-up costs, fines and civil or criminal sanctions, and third party damage claims for personal injury, property damage, wrongful death, or exposure to hazardous substances, as a result of violations of or liabilities under environmental and health and safety laws.

Additionally, the gas industry is subject to extensive legislation and regulation, which is under constant review for amendment or expansion. Any changes may affect, among other things, the pricing or marketing of gas production. State and local authorities regulate various aspects of gas drilling and production activities, including the drilling of wells (through permit and bonding requirements), the spacing of wells, the unitization or pooling of gas properties, environmental matters, safety standards, market sharing, and well site restoration. If we fail to comply with statutes and regulations, we may be subject to substantial penalties, which would decrease our profitability.

**We must obtain governmental permits and approvals for drilling operations, which can be a costly and time consuming process and result in restrictions on our operations.**

Regulatory authorities exercise considerable discretion in the timing and scope of permit issuance. Requirements imposed by these authorities may be costly and time consuming and may result in delays in the commencement or continuation of our exploration or production operations. For example, we are often required to prepare and present to federal, state or local authorities data pertaining to the effect or impact that proposed exploration for or production of gas may have on the environment. Further, the public may comment on and otherwise engage in the permitting process, including through intervention in the courts. Accordingly, the permits we need may not be issued, or if issued, may not be issued in a timely fashion, or may involve requirements that restrict our ability to conduct our operations or to do so profitably.

**We have limited protection for our technology and depend on technology owned by others.**

## Edgar Filing: GeoMet, Inc. - Form S-1/A

We use operating practices that management believes are of significant value in developing CBM resources. In most cases, patent or other intellectual property protection is unavailable for this technology. Our use of independent contractors in most aspects of our drilling and some completion operations makes the protection of

**Table of Contents**

**Index to Financial Statements**

such technology more difficult. Moreover, we rely on the technological expertise of the independent contractors that we retain for our operations. We have no long-term agreements with these contractors, and thus we cannot be sure that we will continue to have access to this expertise.

**We may incur additional costs to produce gas because our confirmation of title for gas rights for some of our properties may be inadequate or incomplete.**

We generally obtain title opinions on significant properties that we drill or acquire. However, we cannot be sure that we will not suffer a monetary loss from title defects or failure. In addition, the steps needed to perfect our ownership varies from state to state and some states permit us to produce the gas without perfected ownership under forced pooling arrangements while other states do not permit this. As a result, we may have to incur title costs and pay royalties to produce gas on acreage that we control and these costs may be material and vary depending upon the state in which we operate.

**The unavailability or high cost of drilling rigs, equipment, supplies, personnel, and oilfield services could adversely affect our ability to execute our exploration and development plans on a timely basis and within our budget.**

Our industry is cyclical, and from time to time there is a shortage of drilling rigs, equipment, supplies or qualified personnel. During these periods, the costs and delivery times of rigs, equipment, and supplies are substantially greater. As a result of historically strong prices of gas, the demand for oilfield services has risen, and the costs of these services are increasing. If the unavailability or high cost of drilling rigs, equipment, supplies, or qualified personnel were particularly severe in the areas where we operate, we could be materially and adversely affected.

**Hedging transactions may limit our potential gains.**

In order to manage our exposure to price risks in the marketing of our natural gas production, we have entered into natural gas price hedging arrangements with respect to a portion of our expected production. We will most likely enter into additional hedging transactions in the future. While intended to reduce the effects of volatile natural gas prices, such transactions may limit our potential gains and increase our potential losses if natural gas prices were to rise substantially over the price established by the hedge. For example, as a consequence of increases in natural gas prices during the year ended December 31, 2005, we recognized total losses on our outstanding hedges of approximately \$19.5 million (consisting of a \$7.5 million realized loss and a \$12 million unrealized loss). Based upon the hedges we had in place at December 31, 2005, hypothetical 10% and 25% increases in natural gas prices would have increased our pre-tax loss by approximately \$4.9 million and \$12.9 million, respectively. In addition, such transactions may expose us to the risk of loss in certain circumstances, including instances in which:

our production is less than expected; or

the counterparties to our hedging agreements fail to perform under the contracts.

**We do not insure against all potential operating risks. We may incur substantial losses and be subject to substantial liability claims as a result of our natural gas operations.**

We maintain insurance for some, but not all, of the potential risks and liabilities associated with our business. For some risks, we may not obtain insurance if we believe the cost of available insurance is excessive relative to the risks presented. As a result of market conditions, premiums and deductibles for certain insurance policies can increase substantially, and in some instances, certain insurance may become unavailable or available only for reduced amounts of coverage. As a result, we may not be able to renew our existing insurance policies or procure other desirable insurance on commercially reasonable terms, if at all. Although we maintain insurance at levels we believe are appropriate and consistent with industry practice, we are not fully insured against all risks,

**Table of Contents**

**Index to Financial Statements**

including drilling and completion risks that are generally not recoverable from third parties or insurance. In addition, pollution and environmental risks generally are not fully insurable. Losses and liabilities from uninsured and underinsured events and delay in the payment of insurance proceeds could have a material adverse effect on our financial condition and results of operations.

**Risks Relating to Our Common Stock**

**One existing stockholder holds a substantial interest in our company, and insiders own a significant amount of our common stock, which could limit your ability to influence the outcome of stockholder votes, and the interests of this stockholder and these insiders could differ from those of our other stockholders.**

A representative of Yorktown Energy Partners IV, L.P. ( Yorktown ) serves on our board of directors, and Yorktown will own approximately 42.6% of our outstanding common stock after the closing of this offering. In addition, our executive officers and their affiliates will beneficially own or control approximately 11.0% of our outstanding common stock following the closing of this offering. Yorktown and our executive officers and directors have, and can be expected to continue to have, a significant voice in our affairs and in the outcome of stockholder voting. Under Delaware law and our certificate of incorporation, matters requiring a stockholder vote, including the election of directors, the adoption of an amendment to our certificate of incorporation, and the approval of mergers and other significant corporate transactions require the affirmative vote of the holders of a majority of the outstanding shares or, in the case of the election of directors, a plurality of the votes cast. As a consequence, the effect of this level of share ownership by Yorktown and our executive officers and directors may permit them to approve certain matters by stockholder vote and may delay or prevent a change of control of us.

**There has been no public market for our common stock, and our stock price may fluctuate significantly.**

There is currently no public market for our common stock, and an active trading market may not develop or be sustained after the sale of all of the shares covered by this prospectus. The market price of our common stock could fluctuate significantly as a result of:

our operating and financial performance and prospects;

quarterly variations in the rate of growth of our financial indicators, such as net income per share, net income and revenues;

changes in revenue or earnings estimates or publication of research reports by analysts about us or the exploration and production industry;

liquidity and registering our common stock for public resale;

actual or unanticipated variations in our reserve estimates and quarterly operating results;



changes in oil and gas prices;

speculation in the press or investment community;

sales of our common stock by our stockholders;

increases in our cost of capital;

changes in applicable laws or regulations, court rulings and enforcement and legal actions;

changes in market valuations of similar companies;

adverse market reaction to any increased indebtedness we incur in the future;

additions or departures of key management personnel;

actions by our stockholders;

## Table of Contents

### Index to Financial Statements

general market and economic conditions, including the occurrence of events or trends affecting the price of natural gas; and

domestic and international economic, legal, and regulatory factors unrelated to our performance.

If a trading market develops for our common stock, stock markets in general experience volatility that often is unrelated to the operating performance of particular companies. These broad market fluctuations may adversely affect the trading price of our common stock.

### **The market price of our common stock could be adversely affected by sales of substantial amounts of our common stock in the public markets.**

We have recently filed a registration statement registering for resale the 10,250,000 shares of common stock that we sold in our private placement during the first quarter of 2006. The sale of a large number of shares of our common stock pursuant to the resale registration statement, the perception that any such sale might occur, or the issuance of a large number of shares of our common stock in connection with future acquisitions, equity financings or otherwise, could cause the market price of our common stock to decline significantly. After the completion of this offering, we will have approximately 38,000,000 shares of common stock issued and outstanding, including approximately 20,000,000 shares of our common stock held or controlled by our executive officers and directors which are or will be eligible for sale under Rule 144 after the expiration of the 180-day lock-up period that is applicable to our executive officers, directors, and certain of our stockholders following the completion of this offering. All of the shares of common stock sold in this offering will be freely tradable without restriction or further registration under the Securities Act by persons other than our affiliates (within the meaning of Rule 144 under the Securities Act) immediately upon completion of this offering, subject to the 180-day lock-up period. Additionally, we may file one or more registration statements with the Securities and Exchange Commission providing for the registration of up to approximately 4,400,000 additional shares of our common stock issued or reserved for issuance under our employee plans, all of which will be eligible for sale without further registration under the Securities Act.

### **We may not be accepted for listing or inclusion on a national securities exchange.**

In connection with our filing of this registration statement, we have agreed to use commercially reasonable efforts to satisfy the criteria for inclusion of (if we meet the criteria for listing on such market) our common stock on the Nasdaq National Market as soon as practicable (including seeking to cure in our listing and inclusion application any deficiencies cited by such market), and thereafter maintain the listing on the Nasdaq National Market. We have applied to have our common stock approved for quotation on the Nasdaq National Market. The Nasdaq National Market has initial listing criteria, including criteria related to minimum bid price, public float, market makers, minimum number of round lot holders, and board independence requirements, which we expect to meet upon completion of this offering; however, we can give no assurance that we will meet these requirements. Prior to this offering, we do not satisfy the minimum round lot holder requirements of the Nasdaq National Market. Our inability to list or include our common stock on the Nasdaq National Market could affect the ability of stockholders to sell their shares of common stock and consequently adversely affect the value of such shares. In addition, we would have more difficulty attracting the attention of market analysts to cover us in their research.

If our common stock is approved for inclusion on the Nasdaq National Market, we will have no prior trading history, and thus there is no way to determine the prices or volumes at which our common stock will trade. We can give no assurances as to the development of liquidity or any trading market for our common stock. Holders of shares of our common stock may not be able to resell their shares at or near their original acquisition price, or at any price.



---

**Table of Contents**

**Index to Financial Statements**

**We do not intend to pay, and are prohibited from paying, any dividends on our common stock.**

We anticipate that we will retain all future earnings and other cash resources for the future operation and development of our business. Accordingly, we do not intend to declare or pay any cash dividends on our common stock in the foreseeable future. Payment of any future dividends will be at the discretion of our board of directors after taking into account many factors, including our operating results, financial condition, current and anticipated cash needs and plans for expansion. In addition, the declaration and payment of any dividends on our common stock is prohibited by the terms of our credit facility so long as it is in effect. The credit facility terminates in January 2011; however, prior to that time we may enter into a new credit facility or other contractual arrangement that further restricts our ability to pay dividends.

**You may experience dilution of your ownership interests due to the future issuance of shares of our common stock, which could have an adverse effect on our stock price.**

We may in the future issue our previously authorized and unissued securities, resulting in the dilution of the ownership interests of our present stockholders and purchasers of common stock offered hereby. Our authorized capital stock consists of 125,000,000 shares of common stock and 10,000,000 shares of preferred stock with such designations, preferences, and rights as may be determined by our board of directors. As of March 31, 2006, 32,614,021 shares of common stock and no shares of preferred stock were outstanding. As of March 31, 2006, we have reserved 4,400,000 shares for future issuance to employees as restricted stock or stock option awards pursuant to our stock option plans, of which options to purchase 2,172,552 shares have already been granted, 1,770,990 of which remain outstanding and 2,227,448 shares remain available for future grants. The potential issuance of such additional shares of common stock may create downward pressure on the trading price of our common stock. We may also issue additional shares of our common stock or other securities that are convertible into or exercisable for common stock in connection with the hiring of personnel, future acquisitions, future private placements of our securities for capital raising purposes, or for other business purposes. Future sales of substantial amounts of our common stock, or the perception that sales could occur, could have a material adverse effect on the price of our common stock.

**Purchasers of common stock in this offering will experience immediate and substantial dilution of \$8.29 per share.**

Based on an assumed initial public offering price of \$14.00 per share, purchasers of our common stock in this offering will experience an immediate and substantial dilution of \$8.29 per share in the as adjusted net tangible book value per share of common stock from the initial public offering price, and our as adjusted net tangible book value as of March 31, 2006 after giving effect to this offering would be \$5.71 per share. See Dilution.

**We will incur increased costs as a result of being a public company.**

As a public company, we will incur significant legal, accounting and other expenses that we did not incur as a private company. The U.S. Sarbanes-Oxley Act of 2002 and related rules of the U.S. Securities and Exchange Commission, or SEC, and the Nasdaq National Market regulate corporate governance practices of public companies. We expect that compliance with these public company requirements will increase our costs and make some activities more time consuming. For example, we have created new board committees, and we will adopt new internal controls and disclosure controls and procedures. In addition, we will incur additional expenses associated with our SEC reporting requirements. A number of those requirements will require us to carry out activities we have not conducted previously. For example, under Section 404 of the Sarbanes-Oxley Act, for our annual report on Form 10-K for 2007, we will need to document and test our internal control procedures, our

## Edgar Filing: GeoMet, Inc. - Form S-1/A

management will need to assess and report on our internal control over financial reporting and our independent accountants will need to issue an opinion on that assessment and the effectiveness of those controls. Furthermore, if we identify any issues in complying with those requirements (for example, if we or our independent auditors

**Table of Contents**

**Index to Financial Statements**

identified a material weakness or significant deficiency in our internal control over financial reporting), we could incur additional costs rectifying those issues, and the existence of those issues could adversely affect us, our reputation or investor perceptions of us. We also expect that it could be difficult and will be significantly more expensive to obtain directors' and officers' liability insurance, and we may be required to accept reduced policy limits and coverage or incur substantially higher costs to obtain the same or similar coverage. As a result, it may be more difficult for us to attract and retain qualified persons to serve on our board of directors or as executive officers. Advocacy efforts by shareholders and third parties may also prompt even more changes in governance and reporting requirements. We cannot predict or estimate the amount of additional costs we may incur or the timing of such costs.

**Failure by us to achieve and maintain effective internal control over financial reporting in accordance with the rules of the SEC could harm our business and operating results and/or result in a loss of investor confidence in our financial reports, which could have a material adverse effect on our business and stock price.**

We are in the process of documenting our internal controls systems to allow management to evaluate and report on, and our independent auditors to audit, our internal controls over financial reporting. Once the documentation is complete, we will be performing the system and process evaluation and testing (and any necessary remediation) required to comply with the management certification and auditor attestation requirements of Section 404 of the Sarbanes-Oxley Act of 2002. We will be required to comply with Section 404 for the year ending December 31, 2007. However, we cannot be certain as to the timing of completion of our evaluation, testing and remediation actions or the impact of the same on our operations. Furthermore, upon completion of this process, we may identify control deficiencies of varying degrees of severity under applicable SEC and Public Company Accounting Oversight Board rules and regulations that remain unremediated. As a public company, we will be required to report, among other things, control deficiencies that constitute a material weakness or changes in internal controls that, or that are reasonably likely to, materially affect internal controls over financial reporting. A material weakness is a significant deficiency or combination of significant deficiencies that results in more than a remote likelihood that a material misstatement of the annual or interim consolidated financial statements will not be prevented or detected. If we fail to implement the requirements of Section 404 in a timely manner, we might be subject to sanctions or investigation by regulatory authorities such as the SEC. In addition, failure to comply with Section 404 or the report by us of a material weakness may cause investors to lose confidence in our consolidated financial statements, and our stock price may be adversely affected as a result. If we fail to remedy any material weakness, our consolidated financial statements may be inaccurate, we may face restricted access to the capital markets and our stock price may be adversely affected.

---

**Table of Contents**

**Index to Financial Statements**

**CAUTIONARY STATEMENT CONCERNING FORWARD-LOOKING STATEMENTS**

Various statements in this prospectus, including those that express a belief, expectation, or intention, as well as those that are not statements of historical fact, are forward-looking statements. The forward-looking statements may include projections and estimates concerning the timing and success of specific projects and our future reserves, production, revenues, income, and capital spending. When we use the words believe, intend, expect, may, should, anticipate, could, estimate, plan, predict, project, or their negatives, other similar expressions, or the statement that those words are usually forward-looking statements.

The forward-looking statements contained in this prospectus are largely based on our expectations, which reflect estimates and assumptions made by our management. These estimates and assumptions reflect our best judgment based on currently known market conditions and other factors. Although we believe such estimates and assumptions to be reasonable, they are inherently uncertain and involve a number of risks and uncertainties that are beyond our control. In addition, management's assumptions about future events may prove to be inaccurate. Management cautions all readers that the forward-looking statements contained in this prospectus are not guarantees of future performance, and we cannot assure any reader that such statements will be realized or the forward-looking events and circumstances will occur. Actual results may differ materially from those anticipated or implied in the forward-looking statements due to the factors listed in the Risk Factors section and elsewhere in this prospectus. All forward-looking statements speak only as of the date of this prospectus. We do not intend to publicly update or revise any forward-looking statements as a result of new information, future events or otherwise. These cautionary statements qualify all forward-looking statements attributable to us, or persons acting on our behalf. The risks, contingencies and uncertainties relate to, among other matters, the following:

our business strategy;

our financial position;

our cash flow and liquidity;

declines in the prices we receive for our gas affecting our operating results and cash flows;

uncertainties in estimating our gas reserves;

replacing our gas reserves;

uncertainties in exploring for and producing gas;

our inability to obtain additional financing necessary in order to fund our operations, capital expenditures, and to meet our other obligations;

availability of drilling and production equipment and field service providers;

Edgar Filing: GeoMet, Inc. - Form S-1/A

disruptions, capacity constraints in, or other limitations on the pipeline systems which deliver our gas;

competition in the gas industry;

our inability to retain and attract key personnel;

our joint venture arrangements;

the effects of government regulation and permitting and other legal requirements;

costs associated with perfecting title for gas rights in some of our properties;

our need to use unproven technologies to extract coalbed methane in some properties; and

other factors discussed under Risk Factors.



**Table of Contents**

**Index to Financial Statements**

**USE OF PROCEEDS**

We expect to receive net proceeds from this offering of approximately \$70.1 million (\$81.8 million if the underwriters' option to purchase additional shares is exercised in full), based on an assumed public offering price of \$14.00 per share (the mid-point of the price range set forth on the cover page of this prospectus) and after deducting underwriting discounts and commissions and estimated offering expenses of \$850,000 payable by us. We will not receive any of the proceeds from the sale of shares of our common stock by the selling stockholders.

We intend to use our net proceeds from this offering to repay outstanding indebtedness under our credit facility. In the event the underwriters exercise their option to purchase additional shares, we will use the additional proceeds of approximately \$11.7 million (assuming the option is exercised in full) to repay the remaining outstanding indebtedness under our credit facility and use the remainder for general corporate purposes. As of July 7, 2006, total borrowings under our credit facility were \$73.0 million. Our credit facility has a maturity date in January 2011 and bears interest at a floating rate that averaged 6.175% as of July 7, 2008.

**DIVIDEND POLICY**

We do not expect to declare or pay any cash or other dividends in the foreseeable future on our common stock, as we intend to reinvest cash flow generated by operations in our business. Our credit facility currently prohibits us from paying cash dividends on our common stock. Our credit facility terminates in January 2011; however, prior to that time we may enter into other credit agreements or borrowing arrangements that restrict our ability to declare or pay cash dividends on our common stock. Our board of directors has the authority to issue preferred stock and to fix dividend rights that may have preference to our common stock.

**Table of Contents****Index to Financial Statements****CAPITALIZATION**

The following table presents our capitalization as of March 31, 2006, on:

a historical basis; and

an as adjusted basis to give effect to the issuance and sale by us of 5,450,726 shares of common stock in this offering and the application of the net proceeds we receive as described under Use of Proceeds.

You should read this table in conjunction with our consolidated financial statements included in this prospectus.

	<b>March 31, 2006</b>	
	<b>Historical</b>	<b>As Adjusted</b>
	<b>(In thousands)</b>	
Cash and cash equivalents	\$ 1,340	\$ 13,958
Long-term debt(1)	\$ 58,377	\$ 877
Stockholders' equity:		
Common stock, \$0.001 par value, 125,000,000 shares authorized; and 32,614,021 shares issued and outstanding, and 38,064,747 shares issued and outstanding, as adjusted(2)	\$ 33	\$ 38
Preferred stock, \$0.001 par value, 10,000,000 shares authorized, none issued		
Additional paid-in capital(3)	133,956	204,069
Accumulated other comprehensive income	31	31
Retained earnings	13,607	13,607
Notes receivable	(413)	(413)
<b>Total stockholders' equity</b>	<b>147,214</b>	<b>217,332</b>
<b>Total capitalization</b>	<b>\$ 206,931</b>	<b>\$ 218,209</b>

(1) Long-term debt decreased by \$57.5 million from the application of a portion of the proceeds from the sale by us of 5,450,726 shares of common stock in this offering.

(2) Excludes options to purchase 1,770,990 shares of our common stock outstanding as of March 31, 2006, of which 1,682,990 were exercisable within 60 days and of which 21,270 will be or have been exercised and will be sold by certain of the selling stockholders in this offering.

(3) Our additional paid-in capital increased by approximately \$70.1 million from the sale by us of 5,450,726 shares of common stock in this offering.

Table of ContentsIndex to Financial Statements**DILUTION**

If you invest in our common stock, your interest will be diluted to the extent of the difference between the public offering price per share and the net tangible book value per share of the common stock after this offering. Our net tangible book value as of March 31, 2006, was \$147.2 million, or \$4.51 per share of common stock. Net tangible book value per share represents the amount of the total tangible assets less our total liabilities, divided by the number of shares of common stock that are outstanding. After giving effect to the sale by us of 5,450,726 shares of common stock in this offering at an assumed offering price of \$14.00 per share and after the deduction of underwriting discounts and commissions and estimated offering expenses, the as adjusted net tangible book value at March 31, 2006 would have been \$217.3 million, or \$5.71 per share. This represents an immediate increase in such net tangible book value of \$1.20 per share to existing stockholders and an immediate and substantial dilution of \$8.29 per share to new investors purchasing common stock in this offering. The following table illustrates this per share dilution:

Assumed offering price per share	\$ 14.00
Net tangible book value per share as of March 31, 2006	\$ 4.51
Increase attributable to new public investors	\$ 1.20
As adjusted net tangible book value per share after this offering	\$ 5.71
	<hr/>
Dilution in as adjusted net tangible book value per share to new investors	\$ 8.29
	<hr/>

Assuming the exercise in full of the underwriters' option to purchase additional shares, our as adjusted net tangible book value at March 31, 2006 would have been approximately \$5.88 per share, representing an immediate increase in the net tangible book value of \$1.36 per share to our existing stockholders and an immediate decrease in net tangible book value of \$8.12 per share to new investors.

The following table summarizes, on an as adjusted basis, as of March 31, 2006, the difference between the number of shares of common stock purchased from us, the total consideration paid to us and the average price per share paid by existing stockholders and by new investors at an assumed initial public offering price of \$14.00 per share, before deducting estimated underwriting discounts and commissions and estimated offering expenses.

	<u>Shares Purchased</u>		<u>Total Consideration</u>		<u>Average Price Per Share</u>
	<u>Number</u>	<u>Percent</u>	<u>Amount</u>	<u>Percent</u>	
	(In thousands, except share and per share data)				
Existing stockholders	32,614	85.7%	\$ 127,797	62.6%	\$ 3.92
New investors	5,451	14.3	76,310	37.4	14.00
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
Total	38,065	100.0%	\$ 204,107	100.0%	\$ 5.36
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>

**Table of Contents****Index to Financial Statements****SELECTED HISTORICAL CONSOLIDATED FINANCIAL AND OPERATING DATA**

The following table shows our selected historical consolidated financial and operating data as of and for the three months ended March 31, 2006 and 2005 and each of the five years ended December 31, 2005. The selected historical consolidated financial and operating data for the three months ended March 31, 2006 and 2005 was derived from our unaudited financial statements included herein. The selected historical consolidated financial and operating data for the three years ended December 31, 2005 are derived from our audited financial statements included herein. The selected historical consolidated financial and operating data for the two years ended December 31, 2002 was derived from our audited financial statements which are not included herein. You should read the following data in conjunction with Management's Discussion and Analysis of Results of Operations and Financial Condition and our consolidated financial statements and related notes included elsewhere in this prospectus where there is additional disclosure regarding the information in the following table. Our historical results are not necessarily indicative of the results that may be expected in future periods.

	Three Months		Year Ended December 31,				
	Ended March 31,		2005	2004	2003	2002	2001
	2006	2005	2005	2004	2003	2002	2001
	(Unaudited)						
	(In thousands, unless otherwise indicated)						
<b>STATEMENT OF OPERATIONS AND COMPREHENSIVE INCOME DATA:</b>							
<b>REVENUES</b>							
Gas sales	\$ 12,311	\$ 6,369	\$ 41,604	\$ 19,522	\$ 11,700	\$ 6,731	\$ 11,850
Operating fees and other		138	376	1,402	349	277	205
<b>Total revenues</b>	<b>12,311</b>	<b>6,507</b>	<b>41,980</b>	<b>20,924</b>	<b>12,049</b>	<b>7,008</b>	<b>12,055</b>
<b>EXPENSES</b>							
Lease operating expenses	2,841	2,083	8,687	5,092	1,640	590	542
Compression and transportation expenses	1,076	721	3,332	1,951	993	654	681
Production taxes	269	126	914	473	414	285	560
Depreciation, depletion and amortization	1,834	885	4,867	2,691	2,120	2,151	3,167
Research and development	69	1	609	279	432	168	
General and administrative	1,020	751	3,208	2,513	1,370	1,598	1,206
Impairment of other equipment and other non-current assets					8	108	
Realized losses (gains) on derivative contracts	596	(165)	7,473	815	44		
Unrealized losses (gains) from the change in market value of open derivative contracts	(9,074)	4,839	12,059	(542)	102		
<b>Total operating expenses</b>	<b>(1,369)</b>	<b>9,241</b>	<b>41,149</b>	<b>13,272</b>	<b>7,123</b>	<b>5,554</b>	<b>6,156</b>
<b>Income (loss) from operations</b>	<b>13,680</b>	<b>(2,734)</b>	<b>831</b>	<b>7,652</b>	<b>4,926</b>	<b>1,454</b>	<b>5,899</b>
Interest income	11	17	77	70	95	119	291
Interest expense, net of amounts capitalized	(863)	(609)	(3,895)	(986)	(232)	(186)	(151)
Other expenses	(13)		(21)	(4)	(7)	(7)	(3)
<b>Total other income (expense)</b>	<b>(865)</b>	<b>(592)</b>	<b>(3,839)</b>	<b>(920)</b>	<b>(144)</b>	<b>(74)</b>	<b>137</b>
<b>Income (loss) before income taxes, minority interest, and cumulative effect of change in accounting principle, net of income tax</b>	<b>12,815</b>	<b>(3,226)</b>	<b>(3,008)</b>	<b>6,732</b>	<b>4,782</b>	<b>1,380</b>	<b>6,036</b>

Edgar Filing: GeoMet, Inc. - Form S-1/A

Income tax expense (benefit)	5,652	(1,106)	(993)	2,312	1,651	639	1,152
Net income (loss) before minority interest and cumulative effect of change in accounting principle, net of income tax	7,163	(2,220)	(2,015)	4,420	3,131	741	4,884
Minority interest		(507)	(442)	584	571	138	958
Net income (loss) before cumulative effect of change in accounting principle, net of income tax	7,163	(1,713)	(1,573)	3,836	2,560	603	3,926
Cumulative effect of change in accounting principle, net of income tax					19		
Net income (loss)	\$ 7,163	\$ (1,713)	\$ (1,573)	\$ 3,836	\$ 2,541	\$ 603	\$ 3,926
Other comprehensive income							
Foreign currency translation adjustment, net of income taxes of \$0	25	(4)	54	2			
Comprehensive income (loss)	\$ 7,188	\$ (1,717)	\$ (1,519)	\$ 3,838	\$ 2,541	\$ 603	\$ 3,926

**Table of Contents****Index to Financial Statements****SELECTED HISTORICAL CONSOLIDATED FINANCIAL AND OPERATING DATA (continued):**

	Three Months Ended March 31,		Year Ended December 31,				
	2006	2005	2005	2004	2003	2002	2001
	(Unaudited)						
	(In thousands unless otherwise indicated)						
Net income (loss) per common share:							
Basic	\$ 0.23	\$ (0.07)	\$ (0.06)	\$ 0.17	\$ 0.20	\$ 0.08	\$ 0.49
Diluted	\$ 0.22	\$ (0.07)	\$ (0.06)	\$ 0.17	\$ 0.20	\$ 0.08	\$ 0.49
<b>BALANCE SHEET DATA (at period end):</b>							
Working capital (deficit)	\$ (8,384)	\$ (6,388)	\$ (7,368)	\$ (1,251)	\$ 5,133	\$ 3,940	\$ 6,268
Total assets	\$ 260,951	\$ 159,284	\$ 247,909	\$ 142,090	\$ 81,505	\$ 42,261	\$ 33,240
Long-term debt	\$ 58,377	\$ 67,467	\$ 99,926	\$ 51,513	\$ 10,102	\$ 6,665	\$ 1,242
Stockholders' equity	\$ 147,214	\$ 60,975	\$ 95,422	\$ 65,692	\$ 52,754	\$ 22,912	\$ 22,310
<b>OTHER DATA:</b>							
Net cash provided by operating activities	\$ 10,504	\$ 2,696	\$ 12,433	\$ 10,580	\$ 10,801	\$ 4,603	\$ 8,669
Net cash used in investing activities	\$ (13,038)	\$ (18,134)	\$ (59,661)	\$ (66,193)	\$ (36,341)	\$ (12,773)	\$ (5,232)
Net cash provided by (used in) financing activities	\$ 3,270	\$ 15,948	\$ 44,906	\$ 50,192	\$ 30,534	\$ 5,372	\$ (2,127)
Capital expenditures	\$ 13,327	\$ 18,130	\$ 59,817	\$ 86,189	\$ 36,069	\$ 12,770	\$ 5,117
Net sales volume (Bcf)	1.4	1.0	4.6	3.2	2.5	2.1	2.5
Average natural gas sales price (\$ per Mcf)	\$ 9.08	\$ 6.38	\$ 9.06	\$ 6.12	\$ 4.71	\$ 3.16	\$ 4.73
Average natural gas sales price (\$ per Mcf) realized(1)	\$ 8.64	\$ 6.56	\$ 7.43	\$ 5.87	\$ 4.69	\$ 3.16	\$ 4.73
Total production expenses (\$ per Mcf)	\$ 3.09	\$ 2.94	\$ 2.81	\$ 2.36	\$ 1.23	\$ 0.72	\$ 0.71
Estimated proved reserves (Bcf)(2)			262.5	209.9	103.9	35.5	16.7
PV-10 (\$ millions)(2)(3)			\$ 880.2	\$ 481.8	\$ 236.9	\$ 64.4	\$ 19.2
Standardized measure of discounted future net cash flows (\$ millions)			\$ 632.7	\$ 349.8	\$ 172.5	\$ 45.4	\$ 14.0
EBITDA (\$ millions)(3)	\$ 15.5	\$ (1.3)	\$ 6.1	\$ 9.8	\$ 6.5	\$ 3.5	\$ 8.1

(1) Average realized price includes the effects of realized gains or losses on derivative contracts.

(2) Based on the reserve reports prepared by DeGolyer and MacNaughton, independent petroleum engineers, at each period end. Natural gas prices are volatile and may fluctuate widely affecting significantly the calculation of estimated net cash flows. Refer to **Risk Factors** for a more complete discussion.

(3) See **Reconciliation of Non-GAAP Financial Measures** below for additional information.

**Table of Contents****Index to Financial Statements****Reconciliation of Non-GAAP Financial Measures**

The following table shows our reconciliation of our PV-10 to our standardized measure of discounted future net cash flows (the most directly comparable measure calculated and presented in accordance with GAAP). PV-10 is our estimate of the present value of future net revenues from estimated proved natural gas reserves after deducting estimated production and ad valorem taxes, future capital costs and operating expenses, but before deducting any estimates of future income taxes. The estimated future net revenues are discounted at an annual rate of 10% to determine their present value. We believe PV-10 to be an important measure for evaluating the relative significance of our CBM gas properties and that the presentation of the non-GAAP financial measure of PV-10 provides useful information to investors because it is widely used by professional analysts and sophisticated investors in evaluating oil and gas companies. Because there are many unique factors that can impact an individual company when estimating the amount of future income taxes to be paid, we believe the use of a pre-tax measure is valuable for evaluating our company. We believe that most other companies in the oil and gas industry calculate PV-10 on the same basis. PV-10 should not be considered as an alternative to the standardized measure of discounted future net cash flows as computed under GAAP.

	<b>As of December 31,</b>				
	<b>2005</b>	<b>2004</b>	<b>2003</b>	<b>2002</b>	<b>2001</b>
	<b>(In thousands)</b>				
Future cash inflows	\$ 2,536,279	\$ 1,302,830	\$ 599,501	\$ 163,986	\$ 45,679
Less: Future production costs	463,416	290,425	125,765	48,771	14,030
Less: Future development costs	76,297	38,242	23,832	4,676	1,140
Future net cash flows	1,996,566	974,163	449,904	110,539	30,509
Less: 10% discount factor	1,116,413	(492,339)	(213,018)	(46,095)	(11,310)
PV-10	\$ 880,153	481,824	236,886	64,444	19,199
Less: Undiscounted income taxes	(579,689)	(274,975)	(125,858)	(32,101)	(8,196)
Plus: 10% discount factor	332,201	142,906	61,520	13,084	2,969
Discounted income taxes	(247,488)	(132,069)	(64,338)	(19,017)	(5,227)
Standardized measure of discounted future net cash flows	\$ 632,665	\$ 349,755	\$ 172,548	\$ 45,427	\$ 13,972

The following table reconciles our net income (loss) to EBITDA. EBITDA is defined as earnings (loss) before deducting net interest expense, income taxes, depreciation, depletion and amortization. Although EBITDA is not a measure of performance calculated in accordance with generally accepted accounting principles (GAAP), management believes that it is useful to an investor in evaluating our company because it is a widely used measure to evaluate a company's operating performance.

<b>Three Months</b>		<b>Year Ended December 31,</b>				
<b>Ended March 31,</b>						
<b>2006</b>	<b>2005</b>	<b>2005</b>	<b>2004</b>	<b>2003</b>	<b>2002</b>	<b>2001</b>

Edgar Filing: GeoMet, Inc. - Form S-1/A

	(Unaudited)		(In thousands)				
Net income (loss)	\$ 7,163	\$ (1,713)	\$ (1,573)	\$ 3,836	\$ 2,541	\$ 603	\$ 3,926
Add: Interest expense (net of amounts capitalized)	863	609	3,895	986	232	186	151
Less: Interest income	(11)	(18)	(77)	(70)	(94)	(119)	(291)
Add (Deduct): Income tax expense (benefit)	5,651	(1,106)	(993)	2,312	1,651	639	1,152
Add: Depreciation, depletion and amortization	1,834	886	4,867	2,691	2,120	2,151	3,167
<b>EBITDA</b>	<b>\$ 15,500</b>	<b>\$ (1,342)</b>	<b>\$ 6,119</b>	<b>\$ 9,755</b>	<b>\$ 6,450</b>	<b>\$ 3,460</b>	<b>\$ 8,105</b>



**Table of Contents**

**Index to Financial Statements**

**MANAGEMENT'S DISCUSSION AND ANALYSIS OF  
RESULTS OF OPERATIONS AND FINANCIAL CONDITION**

*The following is a discussion and analysis of our financial condition and results of operations and should be read in conjunction with our consolidated financial statements and related notes included elsewhere in this prospectus.*

**Overview**

We are an independent natural gas producer involved in the exploration, development, and production of natural gas from coal seams (coalbed methane or CBM). Our principal operations and producing properties are located in the Cahaba Basin in Alabama and the Appalachian Basin in West Virginia and Virginia. We control a total of approximately 255,000 net acres of coalbed methane development rights, primarily in Alabama, West Virginia, Virginia, Louisiana, Colorado, and British Columbia.

We have been very active in North America for over twenty years as an operator of CBM fields owned by us, as a contract operator for CBM fields in which we owned an interest, and as a consultant or contract operator for CBM fields owned by other companies. Over the last five years, we have focused on expanding the number of projects that we own and operate. This focus resulted in the initial development of our two primary producing properties, the Gurnee field in the Cahaba Basin and the Pond Creek field in the Appalachian Basin. Additionally, we own and operate several active exploration projects. This change in focus of our operations has also resulted in a significant increase in our business, ranging from capital expenditures to headcount.

Effective April 30, 2004, we acquired the working interests of our 50% partner in the Appalachian Basin, including a 50% working interest in the Pond Creek field, for cash consideration of \$27 million and a contingent payment of up to \$3 million, which we expect to pay in full in 2008 (the Pond Creek Acquisition). In the acquisition we acquired approximately 31.8 Bcf of estimated proved reserves at a price of \$0.84 per Mcf.

Effective June 7, 2004, we sold our 10% working interest in the White Oak Creek field in the Black Warrior Basin for \$21 million (the White Oak Creek Sale). We sold approximately 8.4 Bcf of our estimated proved reserves at a price of \$2.50 per Mcf while retaining an approximate 3% overriding royalty interest in the field. This overriding royalty interest is presently subject to a dispute. The trial court has ruled in our favor; however, the case is currently under appeal. See Business Legal Proceedings for a further discussion of this lawsuit. Prior to 2003 and the start-up of the Pond Creek field, our working and overriding interests in the White Oak Creek field were our primary sources of production, revenue, and cash flow.

On January 30, 2006, we sold 2,067,023 shares of common stock in a private placement to qualified institutional buyers pursuant to Rule 144A under the Securities Act. In connection with this offering, on February 7, 2006, we sold an additional 250,000 shares of our common stock to qualified institutional buyers under Rule 144A under the Securities Act pursuant to the initial purchaser's option to purchase additional shares.

## Edgar Filing: GeoMet, Inc. - Form S-1/A

The net proceeds from our private placement of common stock during the first quarter of 2006 of approximately \$27 million and the receipt of approximately \$17.5 million from the repayment of certain stockholder loans and from the exercise of stock options by certain of the selling stockholders were used to reduce outstanding borrowings under our bank credit facility and for general corporate purposes.

Unlike conventional natural gas production operations, in the early stages of a CBM project, production of water is generally comparatively higher and production of gas lower. Typically, gas production from CBM projects gradually increases over time as pressure is lowered due to extraction of water and as additional wells are drilled. As water extraction continues and the maximum number of wells drilled on the project acreage is reached, production peaks and stabilizes for a period and ultimately begins to decline. The length of time that it takes to dewater a particular reservoir before it produces gas and the method to dispose of the water varies.

**Table of Contents**

**Index to Financial Statements**

Generally, gas and water are produced simultaneously and the dewatering occurs over time. In other situations, the well will produce only water for a period of time before meaningful gas production begins. At Pond Creek the wells usually produce gas and water simultaneously, while at Gurnee some wells produce only water for 1 to 6 months before meaningful gas production begins. At both projects, certain wells produce only water which helps to dewater the entire reservoir.

The methods used to dispose of the produced water are different for Pond Creek and Gurnee. The produced water at Pond Creek flows from gathering lines into holding tanks where it is trucked and injected into a water disposal well. At Gurnee the produced water flows from gathering lines, is treated and transported by pipeline to a location where it is treated a second time and discharged. The construction of water disposal facilities usually requires significant capital investment in the early phase of the project. As a consequence of these unique CBM characteristics, we may be required to expend substantial capital to develop a CBM field many months before meaningful production and resulting cash flows are realized.

A significant portion of our operating expenses are fixed, generally driven by the number of producing wells, the disposal of produced water, and the cost and maintenance of infrastructure. Over time, as gas production increases and produced water declines, lease operating expenses per unit of production are generally lower. As an example, the per Mcf lease operating expense at the White Oak Creek field, a mature CBM project that reached peak gas production in 2001, was \$0.60 for the first five months of 2004 (through the date of the White Oak Creek sale). Conversely, our primary producing properties, Pond Creek and Gurnee, are at much earlier stages in their lifecycles with development operations beginning on June 30, 2002 and December 31, 2003, respectively, and gas sales commencing in February 2003 and January 2004, respectively. The lease operating expense per Mcf for these fields for the year ended December 31, 2005 was \$1.43 and \$3.55, respectively. The per unit operating expenses for these properties are high relative to White Oak Creek due to their earlier stages of development, but are expected to decline as gas production increases. For the year ended December 31, 2005, sales volumes from the Gurnee and Pond Creek projects accounted for approximately 90% of our total sales volumes. As a result of the concentration of sales volumes in these two projects, our gas revenues, profitability, and cash flows will be primarily dependent on the performance of these projects.

For the three months ended March 31, 2006, gas production increased by 360.3 MMcf from the comparable period in the prior year to 1.4 Bcf. The increase in production was principally related to the continued development of our Cahaba and Pond Creek fields. In addition, average gas sales prices were \$9.08 per Mcf, an increase of \$2.70 per Mcf from the comparable period in the prior year.

To reduce our exposure to fluctuations in natural gas prices, which have exhibited a high degree of volatility over the past several years, we periodically enter into derivative commodity instruments. Our policy is to enter into hedging transactions which increase our probability of achieving our targeted level of cash flows. As a result of these hedging positions, we had unrealized gains in the amount of \$9.1 million for the three months ended March 31, 2006 compared to unrealized losses of \$4.8 million in the comparable prior year period.

Our financial results are impacted by many factors such as the price of natural gas, our levels of production, and our ability to market our production. Commodity prices and production volumes are affected by changes in market demand, which is impacted by overall economic activity, weather, pipeline capacity constraints, inventory storage levels, basis differentials and other factors. As a result, we cannot accurately predict future natural gas prices, and therefore, we cannot determine what effect increases or decreases will have on our capital program, production volumes, future revenues and reserves. In addition to production volumes and commodity prices, finding and developing sufficient amounts of natural gas reserves at economical costs are critical to our long-term success.

We believe that our cash flow from operations and other financial resources such as our credit facility and equity offerings will provide us with the ability to fully develop our existing properties and finance our current exploration on unevaluated properties.



**Table of Contents**

**Index to Financial Statements**

**Critical Accounting Policies**

Our discussion and analysis of our financial condition and results of operations are based upon our consolidated financial statements that have been prepared in accordance with accounting principles generally accepted in the United States. The preparation of our financial statements requires us to make assumptions and estimates 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. We base our estimates on historical experiences and various other assumptions that we believe are reasonable; however, actual results may differ. Our significant accounting policies are described in Note 2 to our consolidated financial statements included elsewhere in this prospectus. We believe the following critical accounting policies affect our more significant judgments and estimates used in the preparation of our financial statements:

**Reserves.** Our most significant financial estimates are based on estimates of proved gas reserves. Proved gas reserves represent estimated quantities of gas that geological and engineering data demonstrate, with reasonable certainty, to be recoverable in future years from known reservoirs under economic and operating conditions existing at the time the estimates were made. There are numerous uncertainties inherent in estimating quantities of proved reserves and in projecting future revenues, rates of production, and timing of development expenditures, including many factors beyond our control. The estimation process relies on assumptions and interpretations of available geologic, geophysical, engineering, and production data and, the accuracy of reserve estimates is a function of the quality and quantity of available data, engineering and geologic interpretation, and judgment. In addition, as a result of changing market conditions, commodity prices and future development costs will change from year to year, causing estimates of proved reserves to also change. Estimates of proved reserves are key components of our most significant financial estimates involving our unevaluated properties, our rate for recording depreciation, depletion and amortization and our full cost ceiling limitation. Our reserves are fully engineered on an annual basis by DeGolyer & MacNaughton, our independent petroleum engineers.

**Gas Properties.** The method of accounting for gas properties determines what costs are capitalized and how these costs are ultimately matched with revenues and expenses. We use the full cost method of accounting for gas properties. Under this method, all direct costs and certain indirect costs associated with the acquisition, exploration, and development of our gas properties are capitalized and segregated into U.S. and Canadian cost centers.

Gas properties are depleted using the unit-of-production method. The depletion expense is significantly affected by the unamortized historical and future development costs and the estimated proved gas reserves. Estimation of proved gas reserves relies on professional judgment and use of factors that cannot be precisely determined. Holding all other factors constant, if proved gas reserves were revised upward or downward, earnings would increase or decrease, respectively. Subsequent proved reserve estimates materially different from those reported would change the depletion expense recognized during the future reporting period. No gains or losses are recognized upon the sale or disposition of gas properties unless the sale or disposition represents a significant quantity of gas reserves, which would have a significant impact on the depreciation, depletion and amortization rate.

Under full cost accounting rules, total capitalized costs are limited to a ceiling equal to the present value of future net revenues, discounted at 10% per annum, plus the lower of cost or fair value of unevaluated properties less income tax effects (the ceiling limitation). We perform a quarterly ceiling test to evaluate whether the net book value of our full cost pool exceeds the ceiling limitation. The ceiling test is imposed separately for our U.S. and Canadian cost centers. If capitalized costs (net of accumulated depreciation, depletion and amortization) less related deferred taxes are greater than the discounted future net revenues or ceiling limitation, a write-down or impairment of the full cost pool is required. A write-down of the carrying value of the full cost pool is a non-cash charge that reduces earnings and impacts stockholders' equity in the period of occurrence and typically results in lower depreciation, depletion and amortization expense in future periods. Once incurred, a write-down is not



**Table of Contents**

**Index to Financial Statements**

reversible at a later date. The risk that we will be required to write down the carrying value of our gas properties increases when gas prices are depressed, even if low prices are temporary. In addition, a write-down may occur if estimates of proved gas reserves are substantially reduced or estimates of future development costs increase significantly.

The ceiling test is calculated using natural gas prices in effect as of the balance sheet date and adjusted for basis or location differential, held constant over the life of the reserves. In addition, subsequent to the adoption of SFAS 143, Accounting for Asset Retirement Obligations, the future cash outflows associated with settling asset retirement obligations were not included in the computation of the discounted present value of future net revenues for the purposes of the ceiling test calculation.

***Unevaluated Properties.*** The costs directly associated with unevaluated properties and properties under development are not initially included in the amortization base and relate to unproved leasehold acreage, seismic data, wells and production facilities in progress and wells pending determination together with interest costs capitalized for these projects. Unevaluated leasehold costs are transferred to the amortization base once determination has been made or upon expiration of a lease. Geological and geophysical costs associated with a specific unevaluated property are transferred to the amortization base with the associated leasehold costs on a specific project basis. Costs associated with wells in progress and wells pending determination are transferred to the amortization base once a determination is made whether or not proved reserves can be assigned to the property. All items included in our unevaluated property balance are assessed on a quarterly basis for possible impairment or reduction in value. Any impairments to unevaluated properties are transferred to the amortization base.

***Future Abandonment Costs.*** We have significant legal obligations to plug, abandon and dismantle existing wells and facilities that we have acquired, constructed, or developed. Liabilities for asset retirement obligations are recorded at fair value in the period incurred. Upon initial recognition of the asset retirement liability, the asset retirement cost is capitalized by increasing the carrying amount of the long-lived asset by the same amount as the liability. Asset retirement costs included in the carrying amount of the related asset are subsequently allocated to expense as part of our depletion calculation. Additionally, increases in the discounted asset retirement liability resulting from the passage of time are recorded as lease operating expense.

Estimating the future asset retirement liability requires us to make estimates and judgments regarding timing, existence of a liability, as well as what constitutes adequate restoration. We use the present value of estimated cash flows related to our asset retirement obligations to determine the fair value. Present value calculations inherently incorporate numerous assumptions and judgments. These include the ultimate retirement and restoration costs, inflation factors, credit adjusted discount rates, timing of settlement, and changes in the legal, regulatory, environmental and political environments. To the extent future revisions to these assumptions impact the present value of the existing asset retirement liability, a corresponding adjustment will be made to the carrying cost of the related asset.

***Price Risk Management Activities.*** We account for our price risk management activities under the provisions of SFAS No. 133 *Accounting for Derivative Instruments and Hedging Activities*, as amended. We record the fair value of our derivative instruments on our balance sheet as either an asset or liability. The statement requires that changes in the derivative's fair value be recognized currently in the income statement unless specific hedge accounting criteria are met. We have elected not to designate any of our current price risk management activities as accounting hedges, and accordingly, accounted for them using the mark-to-market accounting method. Under this accounting method, the changes in the market value of outstanding financial instruments are recognized as gains or losses which are included in operating expenses in the period of change. Our estimates of fair value are determined by the use of an option-pricing model that is based on various assumptions and factors including the time value of options, volatility and closing NYMEX market indices.

**Revenue Recognition.** We derive revenue primarily from the sale of produced natural gas. We use the sales method of accounting for the recognition of gas revenue. Because there is a ready market for natural gas, we sell



## **Table of Contents**

### **Index to Financial Statements**

our natural gas shortly after production at various pipeline receipt points at which time title and risk of loss transfers to the buyer. Revenue is recorded when title is transferred based on our net revenue interests. Gas sold in production operations is not significantly different from our share of production based on our interest in the properties.

Settlements of gas sales occur after the month in which the gas was produced. We estimate and accrue for the value of these sales using information available at the time financial statements are generated. Differences are reflected in the accounting period that payments are received from the purchaser.

***Income Taxes.*** We record our income taxes using an asset and liability approach in accordance with the provisions of the Statement of Financial Accounting Standards No. 109, *Accounting for Income Taxes*. This results in the recognition of deferred tax assets and liabilities for the expected future tax consequences of temporary differences between the book carrying amounts and the tax bases of assets and liabilities using enacted tax rates at the end of the period. Under SFAS No. 109, the effect of a change in tax rates of deferred tax assets and liabilities is recognized in the year of the enacted change. Deferred tax assets are reduced by a valuation allowance when, in the opinion of management, it is more likely than not that some portion or all of the deferred tax assets will not be realized.

Estimating the amount of valuation allowance is dependent on estimates of future taxable income, alternative minimum tax income, and changes in stockholder ownership that could trigger limits on use of net operating losses under Internal Revenue Code Section 382. We have a significant deferred tax asset associated with net operating loss carryforwards (NOLs). It is more likely than not that we will use these NOLs to offset current tax liabilities in future years.

### **Future Charges**

### ***Public Company Expenses***

We believe that our general and administrative expenses will increase in connection with the filing of this registration statement. This increase will consist of legal and accounting fees and additional expenses associated with compliance with the Sarbanes-Oxley Act of 2002 and other regulations. We anticipate that our ongoing general and administrative expenses will also increase as a result of being a publicly traded company. This increase will be due primarily to the cost of accounting support services, filing annual and quarterly reports with the SEC, investor relations, directors' fees, directors' and officers' insurance, and registrar and transfer agent fees. As a result, we believe that our general and administrative expenses for 2006 will increase significantly. Our consolidated financial statements following the completion of this offering will reflect the impact of these increased expenses and affect the comparability of our financial statements with periods prior to the completion of this offering.

### ***Stock Compensation***

Effective January 1, 2006, we adopted the fair value recognition provisions of Statement of Financial Accounting Standards ( SFAS ) No. 123R, Share-Based Payment ( SFAS 123R ), using the prospective transition method. Due to the adoption of SFAS 123R, we expect our compensation expense related to the granting of share-based awards subsequent to adoption to be higher than in prior periods. For awards outstanding as of

## Edgar Filing: GeoMet, Inc. - Form S-1/A

January 1, 2006, we will continue using the accounting principles originally applied to those awards before adoption. Therefore, no equity compensation cost will be recognized on these awards in the future unless such awards are modified, repurchased or cancelled.

Stock-based employee compensation is accounted for under the intrinsic value method of Accounting Principles Bulletin No. 25 Accounting for Stock Issued to Employees. For the years ended December 31, 2005, 2004, and 2003, the exercise price of the options granted was equal to the estimated fair value of our common

**Table of Contents****Index to Financial Statements**

stock at grant date, and therefore, no compensation costs have been recognized under stock option plans. We used the income method on a semi-annual basis to estimate the market value of our common stock at grant date. As allowed by SFAS No. 123, Accounting for Stock-Based Compensation issued in 1995, we have continued to apply APB Opinion No. 25 for the purpose of determining net income and to present pro forma disclosures required by SFAS No. 123. The table below shows pro forma amounts for what net income would have been if compensation cost had been determined under fair value methods at grant date for stock options granted for the years ended December 31, 2005, 2004 and 2003.

	<u>Years Ended December 31,</u>		
	<u>2005</u>	<u>2004</u>	<u>2003</u>
Net income (loss) as reported	\$ (1,573,281)	\$ 3,835,781	\$ 2,541,418
Less: Total stock-based employee compensation expense determined			
under fair value based methods for all grants, net of related tax effects	61,178	63,196	87,809
Pro forma	<u>\$ (1,634,459)</u>	<u>\$ 3,772,585</u>	<u>\$ 2,453,609</u>

The effects of applying SFAS 123 in this pro forma disclosure may not be representative of future amounts. See Note 9 to our consolidated financial statements included elsewhere in this prospectus for additional detail on stock options. The fair value of each option grant was based on the minimum value method with the following assumptions used for grants for the years ended December 31, 2005, 2004 and 2003: (a) dividend yield of 0%, (b) expected volatility of 0%, (c) risk-free interest rate of 3.4% in 2005, 2.6% in 2004, and 2.5% in 2003, and (d) an expected life of three years for 2005 and 2004, and four years for 2003.

Given the lack of an active public market for our common stock, our compensation committee established the fair value of our common stock for incentive stock option awards based on the recommendation of senior management using the best information available on the date of grant. We used the income method except when there was other, more conclusive evidence of fair value, such as a recent arms-length event or transaction involving the acquisition or exchange of our common stock. Determining the fair value of our common stock required making complex and subjective judgments regarding a number of variables and data points. We used the income method in lieu of other acceptable methods because the income method applies cash flow modeling and assumptions similar to those used in determining the PV-10 of our proved gas reserves. We did not obtain a contemporaneous valuation by an unrelated valuation specialist for the options granted during 2005 because we believed that both our senior management and the management of our majority stockholder had adequate expertise and experience in valuing gas properties and entities with gas exploration, production, and development activities. We believe our methodology and valuations represented the estimated fair value of our common stock at that time.

Information on stock option grants during the year ended December 31, 2005 is summarized as follows:

<u>Date of Issuance</u>	<u>Type of equity</u>	<u>Number of</u>	<u>Exercise</u>	<u>Fair market</u>	<u>Intrinsic</u>
	<u>issuance</u>	<u>options</u>	<u>price</u>	<u>value estimate</u>	<u>value</u>
		<u>granted</u>		<u>per common</u>	<u>per share</u>
				<u>share</u>	

Edgar Filing: GeoMet, Inc. - Form S-1/A

January 24, 2005	Employee Options	65,244	\$6.98	\$6.98	\$
June 1, 2005	Employee Options	88,000	\$7.64	\$7.64	\$

*Significant Factors, Assumptions, and Methodologies Used in Determining Fair Value.*

Factors considered by our compensation committee in establishing the fair value of our common stock at the various grant dates included the following:

the most recent valuation of our estimated proved natural gas reserves prepared by independent reservoir engineers;

the future price of natural gas;

**Table of Contents**

**Index to Financial Statements**

the relative risks associated with estimating production and costs from different categories of reserves;

the discount factor used to approximate the time value of money;

the significant uncertainty surrounding the determination of estimated quantities of natural gas reserves;

the valuation of other assets and liabilities;

arms-length transactions involving our common stock; and

general industry and economic trends.

***Significant Factors Contributing to the Difference between Fair Value as of the Date of Each Grant and the Price that Selling Stockholders Will Obtain From the Sale of Their Shares.***

As set forth in the table above, we granted stock options with exercise prices ranging from \$6.98 to \$7.64 during the year ended December 31, 2005. The reasons for the difference between the exercise price range of \$6.98 and \$7.64 and the estimated selling range included in this offering are as follows:

Increases in the spot and futures price of natural gas used to determine the value of our natural gas reserves. Average well head gas prices increased \$0.14 per Mcf, or 2.3%, from \$6.01 per Mcf at December 31, 2004 to \$6.15 per Mcf at June 30, 2005. Gas prices further increased \$3.87 per Mcf, or 62.9%, from June 30, 2005 to \$10.02 per Mcf at December 31, 2005;

Increases in the quantities of proved reserves owned by us and increases in the level of daily production volume resulting from our ongoing successful drilling program at Gurnee and Pond Creek. Quantities of proved reserves increased 13 Bcf, or 6.2%, from 210 Bcf at December 31, 2004 to 213 Bcf at June 30, 2005. Quantities of proved reserves further increased 50 Bcf, or 23.5%, from June 30, 2005 to 263 Bcf at December 31, 2005; and

Increases in the market values of successful publicly traded exploration and production companies. Indices for oil and gas stock prices increased 87.14 points, or 29.3%, from 297.42 at December 2004 to 384.56 at June 2005. Indices for oil and gas stock prices further increased 66.22 points, or 17.2%, from 384.56 at June 2005 to 450.78 at December 2005.

***Derivative Instruments***

Due to the historical volatility of natural gas prices, we have implemented a hedging strategy aimed at reducing the variability of prices we receive for our production. Currently, we use collars and fixed-price swaps as our mechanism for hedging commodity prices. We have elected not to designate any of our current derivative instruments as hedges for accounting purposes in accordance with SFAS No. 133 Derivative Instruments and Hedging Activities. As a result, we account for our derivative instruments on a mark-to-market basis, and changes in the fair

## Edgar Filing: GeoMet, Inc. - Form S-1/A

value of derivative instruments are recognized as gains and losses which are included in operating expense in the period of change. While we believe that the stabilization of prices and protection afforded us by providing a revenue floor for our production is beneficial, this strategy may result in lower revenues than we would have if we were not a party to derivative instruments in times of rising natural gas prices. As a result of rising commodity prices, we recognized total losses on derivative contracts for the year ended December 31, 2005 of approximately \$19.5 million. If commodity prices increase, we may recognize additional charges in future periods; however, for the three months ended March 31, 2006 prices decreased, and we recognized a total gain on derivative contracts in the amount of \$8.5 million, consisting of a \$0.6 million realized loss and a \$9.1 million unrealized gain.

**Table of Contents****Index to Financial Statements****Producing Field Operations Summary**

The table below presents information on gas revenues, sales volumes, production expenses and per Mcf data for the three months ended March 31, 2006 and 2005 and for the years ended December 31, 2005, 2004 and 2003. This table should be read with the discussion of the results of operations for the periods presented below.

	Three Months Ended March 31,		Year Ended December 31,		
	2006	2005	2005	2004	2003
	(In thousands except per Mcf)				
Gas sales	\$ 12,311	\$ 6,369	\$ 41,604	\$ 19,522	\$ 11,700
Lease operating expenses	\$ 2,841	\$ 2,083	\$ 8,687	\$ 5,092	\$ 1,640
Compression and transportation expenses	1,076	721	3,332	1,951	993
Production taxes	269	126	914	473	414
Total production expenses	\$ 4,186	\$ 2,930	\$ 12,933	\$ 7,516	\$ 3,047
Net sales volumes (MMcf)	1,356	996	4,594	3,187	2,484
Per Mcf data (\$/Mcf):					
Average natural gas sales price	\$ 9.08	\$ 6.38	\$ 9.06	\$ 6.12	\$ 4.71
Average natural gas sales price realized(1)	\$ 8.64	\$ 6.56	\$ 7.43	\$ 5.87	\$ 4.69
Lease operating expenses	\$ 2.09	\$ 2.09	\$ 1.89	\$ 1.60	\$ 0.66
Compression and transportation expenses	\$ 0.79	\$ 0.72	\$ 0.72	\$ 0.61	\$ 0.40
Production taxes	\$ 0.21	\$ 0.13	\$ 0.20	\$ 0.15	\$ 0.17
Total production expenses	\$ 3.09	\$ 2.94	\$ 2.81	\$ 2.36	\$ 1.23

(1) Average realized price includes the effects of realized losses on derivative contracts.

**Table of Contents****Index to Financial Statements****Results of Operations*****Three Months Ended March 31, 2006 compared with Three Months Ended March 31, 2005***

The following is a discussion of significant matters affecting the operating and financial results for the three months ended March 31, 2006 compared to the three months ended March 31, 2005.

Selected items presented in our Consolidated Statement of Operations and Comprehensive Income on page F-29 and their percentage changes from the comparable period are presented below.

	<b>Three Months Ended</b>		
	<b>March 31,</b>		
	<b>2006</b>	<b>2005</b>	<b>Change</b>
	<b>(Unaudited)</b>		
	<b>(In thousands)</b>		
Gas sales	\$ 12,311	\$ 6,369	93%
Operating fees and other		138	(100)%
<b>Total revenues</b>	<b>\$ 12,311</b>	<b>\$ 6,507</b>	<b>89%</b>
Lease operating expenses	\$ 2,841	\$ 2,083	36%
Compression and transportation expenses	1,076	721	49%
Production taxes	269	126	113%
Depreciation, depletion and amortization	1,834	885	107%
Research and development	69	1	680%
General and administrative	1,020	751	36%
Realized losses (gains) on derivative contracts	596	(165)	461%
Unrealized losses (gains) from the change in market value of open derivative contracts	(9,074)	4,839	(288)%
<b>Total operating expenses</b>	<b>\$ (1,369)</b>	<b>\$ 9,241</b>	<b>(115)%</b>
Interest expense (net of amounts capitalized)	\$ (863)	\$ (609)	42%
Income (loss) before income taxes and minority interest, net of income tax	\$ 12,815	\$ (3,326)	485%
Income tax expense (benefit)	5,652	(1,106)	611%
<b>Net income (loss) before minority interest, net of income tax</b>	<b>\$ 7,163</b>	<b>\$ (2,220)</b>	<b>423%</b>

*Gas sales.* Gas sales increased by \$5.9 million, or 93%, to \$12.3 million compared to the prior year quarter. The increase in gas sales was a result of increased production and average gas prices. Production increased 36% while average gas prices, excluding hedging transactions,



## Edgar Filing: GeoMet, Inc. - Form S-1/A

increased 42%. The \$5.9 million increase in gas sales consisted of a \$3.6 million increase in prices and a \$2.3 million increase in production. The increase in production was principally attributable to our Cahaba and Pond Creek development activities.

*Lease operating expenses.* Lease operating expenses increased by \$0.758 million, or 36% to \$2.8 million. The increase in lease operating expenses was primarily a result of increased production as the unit costs per Mcf remained fairly flat.

*Compression and transportation expenses.* Compression and transportation expenses increased by \$0.355 million, or 49% to \$1.1 million. The \$0.355 million increase in compression and transportation expenses consisted of a \$0.261 million increase in production and a \$0.094 million increase in costs. The increase in cost per Mcf was a result of additional compressors and increases in transportation fees to support the increase in production levels.

*Production taxes.* Production taxes increased by \$0.143 million, or 114%, to \$0.269 million. The production taxes increase of \$0.143 million consisted of a \$0.097 million increase in costs and a \$0.046 million increase in production. The increase in production taxes was a result of increased production and the increase in costs was a result of reduced tax exemptions at certain fields.

---

**Table of Contents**

**Index to Financial Statements**

*Depreciation, depletion and amortization.* Depreciation, depletion and amortization increased by \$0.949 million, or 107%, to \$1.8 million. The depreciation, depletion and amortization increase of \$0.949 million consisted of a \$0.629 million increase in depletion rate and a \$0.320 million increase in production. The increase in the depletion rate was primarily due to \$48.0 million added to the net book value of gas properties due to a purchase accounting adjustment related to the acquisition of the minority interest stock in a subsidiary and, to a lesser extent, a downward reserve revisions at Cahaba and increased drilling and completion costs.

*General and administrative.* General and administrative expenses increased by \$0.269 million or, 36%, to \$1.0 million. The increase in general and administrative expenses was a result of increases in employee expenses (13%), professional services (58%), director expenses (12%), office expenses and business taxes (34%). This increase was partially offset by increased capitalized general and administrative expenses (46%) and field and operating overhead recoveries (54%). The largest increase was in professional services that resulted from the increased audit, tax and legal services. The increase in general and administrative expenses was a result of expanding the overhead structure to support our growth and the increased costs of preparing to be a public company.

*Realized losses on derivative contracts.* Realized losses on derivative contracts increased by \$0.761 million to \$0.596 million compared to a gain of \$0.165 million in the prior corresponding period. Realized losses represent net cash flow settlements paid to the counterparty while realized gains represent net cash flow settlement paid to us from the counterparty. Realized losses occur when commodity gas prices or the derivative index price exceeds the derivative ceiling price. Conversely, realized gains occur when commodity gas prices go below the derivative floor price.

*Unrealized losses (gains) from the change in market value of open derivative contracts.* Unrealized losses (gains) from the change in market value of open derivative contracts generated a \$9.1 million gain as compared to a \$5.0 million loss in the comparable period in 2005. Unrealized losses and gains are non-cash transactions that occur when the corresponding asset or liability derivative contracts are marked to market at the end of each reporting period. Unrealized gains are recognized when the fair values of derivative assets increase or the fair value of derivative liabilities decrease. Unrealized losses are recognized when the fair values of derivative assets decrease or the fair value of derivative liabilities increase. The \$9.1 million gain was a result of decreased commodity gas prices.

*Interest expense (net of amounts capitalized).* Interest expense (net of amounts capitalized) increased by \$0.254 million, or 42%, to \$0.863 million. The increase was primarily due to higher outstanding bank balances and higher interest rates. The increase in interest expense was partially offset by capitalizing the interest expense to our gas properties.

*Income tax expense (benefit).* Income tax expense (benefit) resulted in expense of \$5.7 million in the first quarter of 2006 compared to a benefit of \$1.1 million in the comparable prior period in 2005. The increase in income tax expense in the current quarter was due to (1) the pretax income position versus a pretax loss position in the comparable prior period and (2) an increase in the effective tax rate for the current quarter to 44% from 33.2% in the comparable prior period as a result of certain state taxes not previously included in prior periods and the related cumulative non-cash adjustment of \$0.406 million. Excluding the state tax revision, the revised estimated effective tax rate for the year is expected to be approximately 40.1%.

**Table of Contents**

**Index to Financial Statements**

*Year Ended December 31, 2005 compared with Year Ended December 31, 2004*

The following is a discussion of significant matters affecting the operating and financial results for the year ended December 31, 2005 compared to the year ended December 31, 2004. Significant changes in sales volumes at our major properties and the White Oak Creek Sale and the Pond Creek Acquisition, which occurred in 2004 and were discussed in detail in the Overview, result in the periods not being comparable.

Selected items presented in our Consolidated Statement of Operations and Comprehensive Income on page F-4 and their percentage changes from the comparable period are presented in the table below:

	<b>Years Ended December 31,</b>		<b>Percentage</b>
	<b>2005</b>	<b>2004</b>	<b>Change</b>
	<b>(In thousands)</b>		
Gas sales			