

GASTAR EXPLORATION LTD  
Form 10-Q  
May 09, 2012  
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UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

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FORM 10-Q

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QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT  
OF 1934

FOR THE QUARTERLY PERIOD ENDED March 31, 2012

OR  
 TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT  
OF 1934

FOR THE TRANSITION PERIOD FROM TO .

Commission File Number: 001-32714

Commission File Number: 001-35211

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GASTAR EXPLORATION LTD.  
GASTAR EXPLORATION USA, INC.  
(Exact name of registrant as specified in its charter)

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Alberta, Canada	98-0570897
Delaware	38-3531640
(State or other jurisdiction of incorporation or organization)	(I.R.S. Employer Identification No.)

1331 Lamar Street, Suite 650 Houston, Texas	77010
(Address of principal executive offices)	(ZIP Code)
(713) 739-1800	
(Registrant's telephone number, including area code)	

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Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

Gastar Exploration Ltd.	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
Gastar Exploration USA, Inc.	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files).

Gastar Exploration Ltd.	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
Gastar Exploration USA, Inc.	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

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

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Gastar Exploration Ltd.  
Large accelerated filer  Accelerated filer   
Non-accelerated filer  (Do not check if a smaller reporting company) Smaller reporting company

Gastar Exploration USA, Inc.  
Large accelerated filer  Accelerated filer   
Non-accelerated filer  (Do not check if a smaller reporting company) Smaller reporting company

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).

Gastar Exploration Ltd. Yes  No   
Gastar Exploration USA, Inc. Yes  No

The total number of outstanding common shares, no par value per share, as of May 8, 2012 was  
Gastar Exploration Ltd. 65,743,543 shares of common stock  
Gastar Exploration USA, Inc. 750 shares of common stock

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Unless otherwise indicated or required by the context, (i) “Gastar,” the “Company,” “we,” “us,” “our” and similar terms refer collectively to Gastar Exploration Ltd. and its subsidiaries, including Gastar Exploration USA, Inc., and predecessors, (ii) “Gastar USA” refers to Gastar Exploration USA, Inc., our first-tier subsidiary and primary operating company, (iii) “Parent” refers solely to Gastar Exploration Ltd., (iv) all dollar amounts appearing in this report on Form 10-Q are stated in U.S. dollars unless otherwise noted and (v) all financial data included in this report on Form 10-Q have been prepared in accordance with generally accepted accounting principles in the United States of America (“U.S. GAAP”). General information about us can be found on our website at [www.gastar.com](http://www.gastar.com). The information available on or through our website, or about us on any other website, is neither incorporated into, nor part of, this report. Our Annual Reports on Form 10-K, Quarterly Reports on Form 10-Q, Current Reports on Form 8-K and other filings that we make with the U.S. Securities and Exchange Commission (“SEC”), as well as any amendments and exhibits to those reports, will be available free of charge through our website as soon as reasonably practicable after we file or furnish them to the SEC. Information is also available on the SEC website at [www.sec.gov](http://www.sec.gov) for our U.S. filings.



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Glossary of Terms

AMI	Area of Mutual Interest, an agreed designated geographic area where joint venturers or other industry partners have a right of participation in acquisitions and operations
Bbl	Barrel of oil, condensate or NGLs
Bbl/d	Barrels of oil, condensate or NGLs per day
Btu	British thermal unit, typically used in measuring natural gas energy content
FASB	Financial Accounting Standards Board
MBbl	One thousand barrels of oil, condensate or NGLs
MBbl/d	One thousand barrels of oil, condensate or NGLs per day
Mcf	One thousand cubic feet of natural gas
Mcf/d	One thousand cubic feet of natural gas per day
MMBtu/d	One million British thermal units per day
MMcf	One million cubic feet of natural gas
MMcf/d	One million cubic feet of natural gas per day
Mcfe	One thousand cubic feet of natural gas equivalent
MMcfe	One million cubic feet of natural gas equivalent
MMcfe/d	One million cubic feet of natural gas equivalent per day
NGLs	Natural gas liquid

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## PART I. FINANCIAL INFORMATION

## Item 1. Financial Statements

GASTAR EXPLORATION LTD. AND SUBSIDIARIES  
CONDENSED CONSOLIDATED BALANCE SHEETS

	March 31, 2012 (Unaudited) (in thousands)	December 31, 2011
<b>ASSETS</b>		
<b>CURRENT ASSETS:</b>		
Cash and cash equivalents	\$9,646	\$10,647
Accounts receivable, net of allowance for doubtful accounts of \$548 and \$551, respectively	5,277	10,706
Commodity derivative contracts	20,927	19,385
Prepaid expenses	1,064	1,243
Total current assets	36,914	41,981
<b>PROPERTY, PLANT AND EQUIPMENT:</b>		
Natural gas and oil properties, full cost method of accounting:		
Unproved properties, excluded from amortization	85,298	78,302
Proved properties	544,473	514,357
Total natural gas and oil properties	629,771	592,659
Furniture and equipment	1,749	1,629
Total property, plant and equipment	631,520	594,288
Accumulated depreciation, depletion and amortization	(314,201)	(308,548)
Total property, plant and equipment, net	317,319	285,740
<b>OTHER ASSETS:</b>		
Restricted cash	50	50
Commodity derivative contracts	4,153	4,130
Deferred charges, net	760	535
Advances to operators and other assets	2,102	2,067
Total other assets	7,065	6,782
<b>TOTAL ASSETS</b>	<b>\$361,298</b>	<b>\$334,503</b>
<b>LIABILITIES AND SHAREHOLDERS' EQUITY</b>		
<b>CURRENT LIABILITIES:</b>		
Accounts payable	\$9,168	\$17,693
Revenue payable	6,873	4,137
Accrued interest	102	144
Accrued drilling and operating costs	5,003	4,647
Advances from non-operators	18,278	19,523
Commodity derivative contracts	9,782	6,479
Commodity derivative premium payable	3,612	4,725
Accrued litigation settlement liability	1,450	800
Other accrued liabilities	1,486	1,723
Total current liabilities	55,754	59,871
<b>LONG-TERM LIABILITIES:</b>		
Long-term debt	35,000	30,000
Commodity derivative contracts	1,842	1,163
Asset retirement obligation	8,388	8,275

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Total long-term liabilities	45,230	39,438
Commitments and contingencies (Note 12)		
SHAREHOLDERS' EQUITY:		
Common stock, no par value; unlimited shares authorized; 65,743,543 and 64,706,750 shares issued and outstanding at March 31, 2012 and December 31, 2011, respectively	316,346	316,346
Additional paid-in capital	26,037	25,376
Accumulated deficit	(140,229)	(133,919)
Total shareholders' equity	202,154	207,803
Non-controlling interest:		
Preferred stock of subsidiary, aggregate liquidation preference \$74,548 and \$34,114 at March 31, 2012 and December 31, 2011, respectively	58,160	27,391
Total equity	260,314	235,194
TOTAL LIABILITIES AND SHAREHOLDERS' EQUITY	\$361,298	\$334,503

The accompanying notes are an integral part of these condensed consolidated financial statements.

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GASTAR EXPLORATION LTD. AND SUBSIDIARIES  
 CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS  
 (Unaudited)

	For the Three Months Ended March 31,	
	2012	2011
	(in thousands, except share and per share data)	
REVENUES:		
Natural gas	\$6,911	\$9,077
Oil	1,883	951
NGLs	1,884	—
Total natural gas, oil and NGLs revenues	10,678	10,028
Unrealized hedge loss	(1,524	) (1,899
Total revenues	9,154	8,129
EXPENSES:		
Production taxes	453	109
Lease operating expenses	2,416	1,707
Transportation, treating and gathering	1,179	1,103
Depreciation, depletion and amortization	5,653	4,112
Accretion of asset retirement obligation	94	125
General and administrative expense	3,161	2,880
Litigation settlement expense	1,250	—
Total expenses	14,206	10,036
LOSS FROM OPERATIONS	(5,052	) (1,907
OTHER INCOME (EXPENSE):		
Interest expense	(27	) (32
Investment income and other	2	2
Foreign transaction gain	3	2
LOSS BEFORE PROVISION FOR INCOME TAXES	(5,074	) (1,935
Provision for income taxes	—	—
NET LOSS	(5,074	) (1,935
Dividend on preferred stock attributable to non-controlling interest	1,236	—
NET LOSS ATTRIBUTABLE TO GASTAR EXPLORATION LTD.	\$(6,310	) \$(1,935
NET LOSS PER COMMON SHARE ATTRIBUTABLE TO GASTAR EXPLORATION LTD. COMMON SHAREHOLDERS:		
Basic	\$(0.10	) \$(0.03
Diluted	\$(0.10	) \$(0.03
WEIGHTED AVERAGE COMMON SHARES OUTSTANDING:		
Basic	63,336,437	63,024,481
Diluted	63,336,437	63,024,481

The accompanying notes are an integral part of these condensed consolidated financial statements.



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GASTAR EXPLORATION LTD. AND SUBSIDIARIES  
 CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS  
 (Unaudited)

	For the Three Months Ended March 31,	
	2012	2011
	(in thousands)	
<b>CASH FLOWS FROM OPERATING ACTIVITIES:</b>		
Net loss	\$(5,074	) \$(1,935
Adjustments to reconcile net loss to net cash provided by operating activities:		
Depreciation, depletion and amortization	5,653	4,112
Stock-based compensation	892	705
Unrealized hedge loss	1,524	1,899
Realized gain on derivative contracts	(220	) (442
Amortization of deferred financing costs and debt discount	42	64
Accretion of asset retirement obligation	94	125
Dividend on preferred stock attributable to non-controlling interest	(1,236	) —
Changes in operating assets and liabilities:		
Accounts receivable	5,429	(1,677
Commodity derivative contracts	—	(54
Prepaid expenses	26	330
Accounts payable and accrued liabilities	(4,633	) (1,524
Net cash provided by operating activities	2,497	1,603
<b>CASH FLOWS FROM INVESTING ACTIVITIES:</b>		
Development and purchase of natural gas and oil properties	(35,494	) (23,196
Advances to operators	(1,911	) —
(Use of proceeds) proceeds from non-operators	(1,245	) 6,746
Purchase of furniture and equipment	(120	) (130
Net cash used in investing activities	(38,770	) (16,580
<b>CASH FLOWS FROM FINANCING ACTIVITIES:</b>		
Proceeds from revolving credit facility	24,000	22,000
Repayment of revolving credit facility	(19,000	) (2,000
Proceeds from issuance of preferred stock, net of issuance costs	30,769	—
Deferred financing charges	(267	) —
Other	(230	) 62
Net cash provided by financing activities	35,272	20,062
<b>NET (DECREASE) INCREASE IN CASH AND CASH EQUIVALENTS</b>	<b>(1,001</b>	<b>) 5,085</b>
<b>CASH AND CASH EQUIVALENTS, BEGINNING OF PERIOD</b>	<b>10,647</b>	<b>7,439</b>
<b>CASH AND CASH EQUIVALENTS, END OF PERIOD</b>	<b>\$9,646</b>	<b>\$12,524</b>

The accompanying notes are an integral part of these condensed consolidated financial statements.

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CONDENSED CONSOLIDATED BALANCE SHEETS

	March 31, 2012 (Unaudited) (in thousands)	December 31, 2011
<b>ASSETS</b>		
<b>CURRENT ASSETS:</b>		
Cash and cash equivalents	\$9,620	\$10,595
Accounts receivable, net of allowance for doubtful accounts of \$548 and \$551, respectively	5,276	10,703
Commodity derivative contracts	20,927	19,385
Prepaid expenses	928	1,088
Total current assets	36,751	41,771
<b>PROPERTY, PLANT AND EQUIPMENT:</b>		
Natural gas and oil properties, full cost method of accounting:		
Unproved properties, excluded from amortization	85,298	78,302
Proved properties	544,465	514,349
Total natural gas and oil properties	629,763	592,651
Furniture and equipment	1,749	1,629
Total property, plant and equipment	631,512	594,280
Accumulated depreciation, depletion and amortization	(314,194)	(308,541)
Total property, plant and equipment, net	317,318	285,739
<b>OTHER ASSETS:</b>		
Restricted cash	25	25
Commodity derivative contracts	4,153	4,130
Deferred charges, net	760	535
Advances to operators and other assets	2,102	2,067
Total other assets	7,040	6,757
<b>TOTAL ASSETS</b>	<b>\$361,109</b>	<b>\$334,267</b>
<b>LIABILITIES AND STOCKHOLDERS' EQUITY</b>		
<b>CURRENT LIABILITIES:</b>		
Accounts payable	\$9,140	\$17,682
Revenue payable	6,873	4,137
Accrued interest	102	144
Accrued drilling and operating costs	5,003	4,647
Advances from non-operators	18,278	19,523
Commodity derivative contracts	9,782	6,479
Commodity derivative premium payable	3,612	4,725
Accrued litigation settlement liability	1,450	800
Other accrued liabilities	1,360	1,654
Total current liabilities	55,600	59,791
<b>LONG-TERM LIABILITIES:</b>		
Long-term debt	35,000	30,000
Commodity derivative contracts	1,842	1,163
Asset retirement obligation	8,381	8,268
Due to parent	27,826	27,432
Total long-term liabilities	73,049	66,863

Commitments and contingencies (Note 12)

STOCKHOLDERS' EQUITY:

Preferred stock, \$0.01 par value; 10,000,000 shares authorized; 2,981,937 and 1,364,543 shares issued and outstanding at March 31, 2012 and December 31, 2011, respectively, with liquidation preference of \$25.00 per share	30	14	
Common stock, no par value; 1,000 shares authorized; 750 shares issued and outstanding	239,431	239,431	
Additional paid-in capital	58,130	27,377	
Accumulated deficit	(65,131	) (59,209	)
Total stockholders' equity	232,460	207,613	
<b>TOTAL LIABILITIES AND STOCKHOLDERS' EQUITY</b>	<b>\$361,109</b>	<b>\$334,267</b>	

The accompanying notes are an integral part of these condensed consolidated financial statements.

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GASTAR EXPLORATION USA, INC. AND SUBSIDIARIES  
 CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS  
 (Unaudited)

	For the Three Months Ended March 31,	
	2012	2011
	(in thousands, except share and per share data)	
REVENUES:		
Natural gas	\$6,911	\$9,077
Oil	1,883	951
NGLs	1,884	—
Total natural gas, oil and NGLs revenues	10,678	10,028
Unrealized hedge loss	(1,524	) (1,899
Total revenues	9,154	8,129
EXPENSES:		
Production taxes	453	109
Lease operating expenses	2,416	1,707
Transportation, treating and gathering	1,179	1,103
Depreciation, depletion and amortization	5,653	4,112
Accretion of asset retirement obligation	94	125
General and administrative expense	2,771	2,699
Litigation settlement expense	1,250	—
Total expenses	13,816	9,855
LOSS FROM OPERATIONS	(4,662	) (1,726
OTHER INCOME (EXPENSE):		
Interest expense	(28	) (32
Investment income and other	2	94
Foreign transaction gain	2	2
LOSS BEFORE PROVISION FOR INCOME TAXES	(4,686	) (1,662
Provision for income taxes	—	—
NET LOSS	(4,686	) (1,662
Dividend on preferred stock	1,236	—
NET LOSS ATTRIBUTABLE TO COMMON STOCKHOLDER	\$(5,922	) \$(1,662

The accompanying notes are an integral part of these condensed consolidated financial statements.

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GASTAR EXPLORATION USA, INC. AND SUBSIDIARIES  
 CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS  
 (Unaudited)

	For the Three Months Ended March 31,	
	2012	2011
	(in thousands)	
<b>CASH FLOWS FROM OPERATING ACTIVITIES:</b>		
Net loss	\$(5,922)	) \$(1,662)
Adjustments to reconcile net loss to net cash provided by operating activities:		
Depreciation, depletion and amortization	5,653	4,112
Stock-based compensation	892	705
Unrealized hedge loss	1,524	1,899
Realized gain on derivative contracts	(220)	) (442)
Amortization of deferred financing costs and debt discount	42	64
Accretion of asset retirement obligation	94	125
Changes in operating assets and liabilities:		
Accounts receivable	5,427	(1,676)
Commodity derivative contracts	—	(54)
Prepaid expenses	7	300
Accounts payable and accrued liabilities	(4,707)	) (1,470)
Net cash provided by operating activities	2,790	1,901
<b>CASH FLOWS FROM INVESTING ACTIVITIES:</b>		
Development and purchase of natural gas and oil properties	(35,494)	) (23,196)
Advances to operators	(1,911)	) —
(Use of proceeds) proceeds from non-operators	(1,245)	) 6,746
Purchase of furniture and equipment	(120)	) (130)
Net cash used in investing activities	(38,770)	) (16,580)
<b>CASH FLOWS FROM FINANCING ACTIVITIES:</b>		
Proceeds from revolving credit facility	24,000	22,000
Repayment of revolving credit facility	(19,000)	) (2,000)
Proceeds from issuance of preferred stock, net of issuance costs	30,769	—
Deferred financing charges	(267)	) —
Dividend to parent, net	(497)	) (331)
Other	—	100
Net cash provided by financing activities	35,005	19,769
NET (DECREASE) INCREASE IN CASH AND CASH EQUIVALENTS	(975)	) 5,090
CASH AND CASH EQUIVALENTS, BEGINNING OF PERIOD	10,595	7,401
CASH AND CASH EQUIVALENTS, END OF PERIOD	\$9,620	\$12,491

The accompanying notes are an integral part of these condensed consolidated financial statements.

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GASTAR EXPLORATION LTD. AND SUBSIDIARIES  
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS

1. Description of Business

Gastar Exploration Ltd. is an independent energy company engaged in the exploration, development and production of natural gas and oil in the United States (“U.S.”). Gastar Exploration Ltd.’s principal business activities include the identification, acquisition, and subsequent exploration and development of natural gas and oil properties with an emphasis on unconventional reserves, such as shale resource plays. Gastar Exploration Ltd. is currently pursuing the development of liquids-rich natural gas in the Marcellus Shale play in the Appalachia area of West Virginia and central and southwestern Pennsylvania. Gastar Exploration Ltd. also holds prospective acreage in the deep Bossier play in East Texas and in the Mid-Continent area of the U.S.

Gastar Exploration Ltd. is a holding company and substantially all of its operations are conducted through, and substantially all of its assets are held by, its primary operating subsidiary, Gastar Exploration USA, Inc. and its wholly-owned subsidiaries. Unless otherwise stated or the context requires otherwise, all references in these notes to “Gastar USA” refer collectively to Gastar Exploration USA, Inc. and its wholly-owned subsidiaries, all references to “Parent” refer solely to Gastar Exploration Ltd., and all references to “Gastar,” the “Company” and similar terms refer collectively to Gastar Exploration Ltd. and its wholly-owned subsidiaries, including Gastar Exploration USA, Inc.

2. Summary of Significant Accounting Policies

The accounting policies followed by the Company are set forth in the notes to the Company’s audited consolidated financial statements included in its Annual Report on Form 10-K for the year ended December 31, 2011 (“2011 Form 10-K”) filed with the SEC. Please refer to the notes to the financial statements included in the 2011 Form 10-K for additional details of the Company’s financial condition, results of operations and cash flows. All material items included in those notes have not changed except as a result of normal transactions in the interim or as disclosed within this report.

These financial statements are a combined presentation of the condensed consolidated financial statements of the Company and Gastar USA. Separate information is provided for the Company and Gastar USA as required. Except as otherwise noted, there are no material differences between the unaudited condensed consolidated information for the Company presented herein and the unaudited condensed consolidated information of Gastar USA.

The unaudited interim condensed consolidated financial statements of the Company and Gastar USA included herein are stated in U.S. dollars unless otherwise noted and were prepared from the records of the Company and Gastar USA by management in accordance with U.S. GAAP applicable to interim financial statements and reflect all normal and recurring adjustments, which are, in the opinion of management, necessary to provide a fair presentation of the results of operations and financial position for the interim periods. Such financial statements conform to the presentation reflected in the 2011 Form 10-K. The current interim period reported herein should be read in conjunction with the financial statements and accompanying notes, including Item 8. “Financial Statements and Supplementary Data, Note 2 – Summary of Significant Accounting Policies” included in the 2011 Form 10-K.

The preparation of financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates. Significant estimates with regard to these financial statements include the estimate of proved natural gas and oil reserve quantities and the related present value of estimated future net cash flows.

The unaudited condensed consolidated financial statements of the Company include the accounts of Parent and the consolidated accounts of all of its subsidiaries, including Gastar USA. All significant intercompany accounts and transactions have been eliminated in consolidation.

The unaudited condensed consolidated financial statements of Gastar USA include the accounts of Gastar USA and the consolidated accounts of all of its subsidiaries. All significant intercompany accounts and transactions have been eliminated in consolidation.

Certain reclassifications of prior year balances have been made to conform to the current year presentation; these reclassifications have no impact on net income (loss).

The results of operations for the three months ended March 31, 2012 are not necessarily indicative of the results that may be expected for the year ending December 31, 2012. In preparing these financial statements, the Company has evaluated events and transactions for potential recognition or disclosure through the date the financial statements were issued and has disclosed certain subsequent events in these condensed consolidated financial statements, as appropriate.

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## Recent Accounting Developments

The following recently issued accounting pronouncements have been adopted or may impact the Company in future periods:

**Comprehensive Income.** In June 2011, the FASB issued an amendment to previously issued guidance regarding the reporting and presentation of other comprehensive income. The amendments require that all non-owner changes in stockholders' equity be presented either in a single continuous statement of comprehensive income or in two separate but consecutive statements. In the two-statement approach, the first statement should present total net income and its components followed consecutively by a second statement that should present total other comprehensive income, the components of other comprehensive income and the total of comprehensive income. Regardless of whether an entity chooses to present comprehensive income in a single continuous statement or in two separate but consecutive statements, the entity is required to present on the face of the financial statements reclassification adjustments for items that are reclassified from other comprehensive income to net income in the statement(s) where the components of net income and the components of other comprehensive income are presented. The amendments do not change the items that must be reported in other comprehensive income or when an item of other comprehensive income must be reclassified to net income. This guidance is effective for fiscal years, and interim periods within those years, beginning after December 15, 2011 and should be applied retrospectively. Earlier application is permitted. The adoption of this guidance did not impact our operating results, financial position or cash flows.

**Fair Value Measurement.** In May 2011, the FASB issued an amendment to previously issued guidance regarding fair value measurement and disclosure requirements. The amendments explain how to measure fair value and do not require additional fair value measurements and are not intended to establish valuation standards or affect valuation practices outside of financial reporting. The amendments result in common fair value measurement and disclosure requirements in U.S. GAAP and International Financial Reporting Standards. This guidance is effective prospectively for interim and annual periods beginning after December 15, 2011. The adoption of this guidance did not impact our operating results, financial position or cash flows.

## 3. Property, Plant and Equipment

The amount capitalized as natural gas and oil properties was incurred for the purchase and development of various properties in the U.S., specifically the states of Texas, Pennsylvania, West Virginia, Wyoming and Montana and the Mid-Continent area.

The following table summarizes the components of unproved properties excluded from amortization for the periods indicated:

	March 31, 2012	December 31, 2011
	(in thousands)	
Unproved properties, excluded from amortization:		
Drilling in progress costs	\$4,025	\$ 3,958
Acreage acquisition costs	75,103	68,217
Capitalized interest	6,170	6,127
Total unproved properties excluded from amortization	\$85,298	\$ 78,302

Management's ceiling test evaluations for the three months ended March 31, 2012 and 2011 did not result in an impairment of proved properties. The following table provides the average price utilized in the ceiling test evaluations for the periods indicated:

	For the Three Months Ended March 31,	
	2012	2011
Average price per Mcfe	\$4.78	\$3.99



Atinum Joint Venture

In September 2010, Gastar USA entered into a joint venture (the “Atinum Joint Venture”) pursuant to a purchase and sale agreement with an affiliate of Atinum Partners Co., Ltd. (“Atinum”), a Korean investment firm. Pursuant to the agreement, at the closing of the transactions on November 1, 2010, Gastar USA assigned to Atinum an initial 21.43% interest in all of its

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existing Marcellus Shale assets in West Virginia and Pennsylvania, which consisted of approximately 37,600 gross (34,200 net) acres and a 50% working interest in 16 producing shallow conventional wells and one non-producing vertical Marcellus Shale well (the “Atinum Joint Venture Assets”). Atinum paid Gastar USA approximately \$30.0 million in cash at the closing and paid additional \$40.0 million of Gastar USA's share of drilling costs over time in the form of a “drilling carry.” Upon completion of the funding of the drilling carry, Gastar USA made additional assignments to Atinum as a result of which Atinum owns a 50% interest in the Atinum Joint Venture Assets. The terms of the drilling carry required Atinum to fund its ultimate 50% share of drilling, completion and infrastructure costs along with 75% of Gastar USA’s ultimate 50% share of those same costs until the \$40.0 million drilling carry had been satisfied. As of December 31, 2011, Atinum had completed the funding of the \$40.0 million drilling carry. Subsequent to December 31, 2011, Atinum only funds its 50% share of costs.

The Atinum Joint Venture is pursuing an initial three-year development program that calls for the partners to drill a minimum of 12 horizontal wells in 2011 and 24 operated horizontal wells in each of 2012 and 2013, respectively. Due to recent natural gas price declines, Atinum and Gastar USA agreed to reduce the 2012 minimum wells to be drilled requirement from 24 wells to 20 wells. As of March 31, 2012, 26 operated wells were drilled and cased under the Atinum Joint Venture. Subsequent to June 30, 2011, an AMI was established for additional acreage acquisitions in Ohio, New York, Pennsylvania and West Virginia, excluding the counties of Pendleton, Pocahontas, Preston, Randolph and Tucker, West Virginia. Within this AMI, Gastar USA acts as operator and is obligated to offer any future lease acquisitions within the AMI to Atinum on a 50/50 basis, and Atinum will pay Gastar USA on an annual basis an amount equal to 10% of lease bonuses and third party leasing costs up to \$20.0 million and 5% of such costs on activities above \$20.0 million.

4. Long-Term Debt

Amended and Restated Revolving Credit Facility

On October 28, 2009, Gastar USA, together with the other parties thereto, entered into an amended and restated credit facility (as amended and restated, the “Revolving Credit Facility”). The Revolving Credit Facility provided an initial borrowing base of \$47.5 million, with borrowings bearing interest, at Gastar USA’s election, at the prime rate or LIBO rate plus an applicable margin. The applicable interest rate margin varies from 1.0% to 2.0% in the case of borrowings based on the prime rate and from 2.5% to 3.5% in the case of borrowings based on LIBO rate, depending on the utilization percentage in relation to the borrowing base. An annual commitment fee of 0.50% is payable quarterly based on the unutilized balance of the borrowing base. The Revolving Credit Facility had a scheduled maturity date of January 2, 2013.

The Revolving Credit Facility is guaranteed by Parent (as defined in the Revolving Credit Facility) and all of Gastar USA’s current domestic subsidiaries and all future domestic subsidiaries formed during the term of the Revolving Credit Facility. Borrowings and related guarantees are secured by a first priority lien on all domestic natural gas and oil properties currently owned by or later acquired by Gastar USA and its subsidiaries, excluding de minimus value properties as determined by the lender. The facility is secured by a first priority pledge of the stock of each domestic subsidiary, a first priority interest on all accounts receivable, notes receivable, inventory, contract rights, general intangibles and material property of the issuer and 65% of the stock of each foreign subsidiary of Gastar USA.

The Revolving Credit Facility contains various covenants, including among others:

- Restrictions on liens, incurrence of other indebtedness without lenders' consent and dividends and other restricted payments;

- Maintenance of a minimum consolidated current ratio as of the end of each quarter of not less than 1.0 to 1.0, as adjusted;

- Maintenance of a maximum ratio of indebtedness to EBITDA on a rolling four quarter basis, as adjusted, of not greater than 4.0 to 1.0; and

- Maintenance of an interest coverage ratio on a rolling four quarters basis, as adjusted, of EBITDA to interest expense, as of the end of each quarter, to be less than 2.5 to 1.0.

All outstanding amounts owed become due and payable upon the occurrence of certain usual and customary events of default, including among others:

Failure to make payments;

Non-performance of covenants and obligations continuing beyond any applicable grace period; and

The occurrence of a "Change in Control" (as defined in the Revolving Credit Facility) of the Parent.

Should there occur a Change in Control of Parent, then, five days after such occurrence, immediately and without notice, (i) all amounts outstanding under the Revolving Credit Facility shall automatically become immediately due and payable and

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(ii) the commitments shall immediately cease and terminate unless and until reinstated by the lender in writing. If amounts outstanding become immediately due and payable, the obligation of Gastar USA with respect to any commodity hedge exposure shall be to provide cash as collateral to be held and administered by the lender as collateral agent.

On June 24, 2010, Gastar USA, together with the other parties thereto, entered into the Second Amendment to the Amended and Restated Credit Agreement (the "Second Amendment") amending that certain Amended and Restated Credit Agreement dated October 28, 2009 (as amended by that certain Consent and First Amendment to Amended and Restated Credit Agreement dated November 20, 2009, the Second Amendment, the Third Amendment (as defined below) and the Fourth Amendment (as defined below), the "Credit Agreement"). The Second Amendment amended the Revolving Credit Facility, by, among other things, (i) allowing Gastar USA to hedge up to 80% of the proved developed producing ("PDP") reserves reflected in its reserve report using hedging other than floors and protective spreads, (ii) allowing Gastar USA to present to the administrative agent a report showing any PDP additions resulting from new wells or the conversion of proved developed non-producing reserves to PDP reserves since the last reserve report in order to hedge the revised PDP reserves, and (iii) removing the limitations on hedging using floors and protective spreads.

On June 14, 2011, Gastar USA, together with the parties thereto, entered into the Third Amendment to the Credit Agreement (the "Third Amendment"). The Third Amendment amended the Revolving Credit Facility, by, among other things, allowing Gastar USA to issue Series A Preferred Stock (as defined below) described in Part I, Item 1.

"Financial Statements, Note 7 – Capital Stock" of this report and pay cash dividends on the Series A Preferred Stock of no more than \$10.0 million in the aggregate in each calendar year, as long as certain conditions are met.

On December 2, 2011, Gastar USA, together with the parties thereto, entered into the Fourth Amendment to the Credit Agreement, effective as of November 10, 2011 (the "Fourth Amendment"). The Fourth Amendment amended the Revolving Credit Facility, by, among other things, (i) extending the maturity date on borrowings under the Revolving Credit Facility to September 30, 2015; (ii) allowing Gastar USA to hedge up to 100% of the PDP reserves reflected in its reserve report using hedging other than floors and protective spreads; and (iii) allowing no more than ten separate LIBO Rate Loans to be outstanding at one time.

As of December 31, 2011, the Revolving Credit Facility had a borrowing base of \$50.0 million, with \$30.0 million of borrowings outstanding and availability of \$20.0 million. Borrowing base redeterminations are scheduled semi-annually in May and November of each calendar year. Gastar USA requested that the May 2012 redetermination be accelerated to March 2012. The next regularly scheduled redetermination is set for November 2012. Gastar USA and the lenders may request one additional unscheduled redetermination annually. On March 5, 2012, Gastar USA was notified by its lenders that, effective immediately, the borrowing base was increased from \$50.0 million to \$100.0 million. At March 31, 2012, the Revolving Credit Facility had a borrowing base of \$100.0 million, with \$35.0 million of borrowings outstanding and availability of \$65.0 million.

At March 31, 2012, Gastar USA was in compliance with all financial covenants under the Revolving Credit Facility.

### Other Debt

Credit support for the Company's open derivatives at March 31, 2012 is provided under the Revolving Credit Facility through inter-creditor agreements or open accounts of up to \$5.0 million.

### 5. Fair Value Measurements

The Company's financial assets and liabilities are measured at fair value on a recurring basis. The Company discloses its recognized non-financial assets and liabilities, such as asset retirement obligations, unproved properties and other property and equipment, at fair value on a non-recurring basis. For non-financial assets and liabilities, the Company is required to disclose information that enables users of its financial statements to assess the inputs used to develop these measurements. The Company assesses its unproved properties for impairment whenever events or circumstances indicate the carrying value of those properties may not be recoverable. The fair value of the unproved properties is measured using an income approach based upon internal estimates of future production levels, current and future prices, drilling and operating costs, discount rates, current drilling plans and favorable and unfavorable drilling activity on the properties being evaluated and/or adjacent properties, which are Level 3 inputs. During the three

months ended March 31, 2012 and 2011, respectively, the Company did not recognize an impairment of unproved properties. As no other fair value measurements are required to be recognized on a non-recurring basis at March 31, 2012, no additional disclosures are provided at March 31, 2012.

As defined in the guidance, fair value is the amount that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date (an exit price). To estimate fair value, the Company utilizes market data or assumptions that market participants would use in pricing the asset or liability, including assumptions about risk and the risks inherent in the inputs to the valuation technique. These inputs can be readily observable, market corroborated or generally unobservable. The guidance establishes a fair value hierarchy that prioritizes the inputs to valuation

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techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted market prices in active markets for identical assets or liabilities (“Level 1”) and the lowest priority to unobservable inputs (“Level 3”). The three levels of the fair value hierarchy are as follows:

Level 1 inputs are quoted prices (unadjusted) in active markets for identical assets or liabilities. The Company’s cash equivalents consist of short-term, highly liquid investments, which have maturities of 90 days or less, including sweep investments and money market funds.

Level 2 inputs are quoted prices for similar assets and liabilities in active markets or inputs that are observable for the asset or liability, either directly or indirectly through market corroboration, for substantially the full term of the financial instrument.

Level 3 inputs are measured based on prices or valuation models that require inputs that are both significant to the fair value measurement and less observable from objective sources. These inputs may be used with internally developed methodologies or third party broker quotes that result in management’s best estimate of fair value. The Company’s valuation models consider various inputs including (a) quoted forward prices for commodities, (b) time value, (c) volatility factors and (d) current market and contractual prices for the underlying instruments. Significant increases or decreases in any of these inputs in isolation would result in a significantly higher or lower fair value measurement.

The Company does not have access to the specific assumptions used in its’ counterparties valuation models. Consequently, additional disclosures regarding significant Level 3 unobservable inputs were not provided. Level 3 instruments are commodity costless collars, index swaps, basis and fixed price swaps and put and call options to hedge natural gas, oil and NGLs price risk. At each balance sheet date, the Company performs an analysis of all applicable instruments and includes in Level 3 all of those whose fair value is based on significant unobservable inputs.

As required, financial assets and liabilities are classified in their entirety based on the lowest level of input that is significant to the fair value measurement. The Company’s assessment of the significance of a particular input to the fair value measurement requires judgment and may affect the valuation of fair value assets and liabilities and their placement within the fair value hierarchy levels. The determination of the fair values below incorporates various factors, including the impact of the counterparty’s non-performance risk with respect to the Company’s financial assets and the Company’s non-performance risk with respect to the Company’s financial liabilities. The Company has not elected to offset the fair value amounts recognized for multiple derivative instruments executed with the same counterparty, but reports them gross on its condensed consolidated balance sheets.

Transfers between levels are recognized at the end of the reporting period. There were no transfers between levels during the 2012 and 2011 periods.

The following tables set forth by level within the fair value hierarchy the Company’s financial assets and liabilities that were accounted for at fair value on a recurring basis as of March 31, 2012 and December 31, 2010:

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	Fair value as of March 31, 2012			
	Level 1 (in thousands)	Level 2	Level 3	Total
Assets:				
Cash and cash equivalents	\$9,646	\$—	\$—	\$9,646
Restricted cash	50	—	—	50
Commodity derivative contracts	—	—	25,080	25,080
Liabilities:				
Commodity derivative contracts	—	—	(11,624	) (11,624
Total	\$9,696	\$—	\$13,456	\$23,152
	Fair value as of December 30, 2011			
	Level 1 (in thousands)	Level 2	Level 3	Total
Assets:				
Cash and cash equivalents	\$10,647	\$—	\$—	\$10,647
Restricted cash	50	—	—	50
Commodity derivative contracts	—	—	23,515	23,515
Liabilities:				
Commodity derivative contracts	—	—	(7,642	) (7,642
Total	\$10,697	\$—	\$15,873	\$26,570

The table below presents a reconciliation of the assets and liabilities classified as Level 3 in the fair value hierarchy for the three months ended March 31, 2012 and 2011. Level 3 instruments presented in the table consist of net derivatives that, in management's opinion, reflect the assumptions a marketplace participant would have used at March 31, 2012 and 2011.

	Three Months Ended	
	March 31, 2012 (in thousands)	2011
Balance at beginning of period	\$15,873	\$15,199
Total gains (losses) (realized or unrealized):		
included in earnings	872	562
included in other comprehensive income	—	—
Purchases	—	—
Issuances	—	—
Settlements (1)	(3,289	) (2,692
Transfers in and (out) of Level 3	—	—
Balance at end of period	\$13,456	\$13,069
The amount of total losses for the period		
included in earnings attributable to the change in		
unrealized gains or losses relating to assets still		
held at March 31, 2012 and 2011	\$(1,524	) \$(1,899

(1) Included in total revenues on the statement of operations.

At March 31, 2012, the estimated fair value of accounts receivable, prepaid expenses, accounts and revenue payables and accrued liabilities approximates their carrying value due to their short-term nature. The estimated fair value of the Company's long-term debt at March 31, 2012 approximates the respective carrying value because the interest rate

approximates the current market rate (Level 2).

The Company has consistently applied the valuation techniques discussed above in all periods presented.



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The fair value guidance, as amended, establishes that every derivative instrument is to be recorded on the balance sheet as either an asset or liability measured at fair value. See Note 6, "Derivative Instruments and Hedging Activity."

## 6. Derivative Instruments and Hedging Activity

The Company maintains a commodity price risk management strategy that uses derivative instruments to minimize significant, unanticipated earnings fluctuations that may arise from volatility in commodity prices. The Company uses costless collars, index, basis and fixed price swaps and put and call options to hedge natural gas, oil and NGLs price risk.

All derivative contracts are carried at their fair value on the balance sheet and all unrealized gains and losses are recorded in the statement of operations in unrealized natural gas hedge gain (loss), while realized gains and losses related to contract settlements are recognized in natural gas, oil and NGLs revenues. For the three months ended March 30, 2012 and 2011, the Company reported unrealized losses of \$1.5 million and \$1.9 million, respectively, in the condensed consolidated statement of operations related to the change in the fair value of its commodity derivative instruments.

As of March 31, 2012, the following natural gas derivative transactions were outstanding with the associated notional volumes and weighted average underlying hedge prices:

Settlement Period	Derivative Instrument	Average Daily Volume (in MMBtu's)	Total of Notional Volume	Base Fixed Price	Floor (Long)	Short Put	Call (Long)	Ceiling (Short)
2012	Put spread	13,356	3,674,250	\$—	\$6.00	\$4.00	\$—	\$—
2012	Costless three-way collar	7,404	2,035,750	—	5.73	4.00	—	6.88
2012	Call spread	2,000	550,000	—	—	—	4.00	4.50
2012	Basis - HSC (1)	5,000	1,375,000	(0.08 )	—	—	—	—
2013	Call spread	2,500	912,500	—	—	—	4.75	5.25
2013	Costless three-way collar	2,500	912,500	—	5.00	4.00	—	6.45
2013	Protective spread	8,000	2,920,000	4.91	—	3.23	—	—
2013	Basis - HSC (1)	4,000	1,460,000	(0.11 )	—	—	—	—
2014	Short calls	2,500	912,500	—	—	—	—	6.00

## (1) East Houston-Katy - Houston Ship Channel

As of March 31, 2012, the following crude derivative transactions were outstanding with the associated notional volumes and weighted average underlying hedge prices:

Settlement Period	Derivative Instrument	Average Daily Volume (1)	Total of Notional Volume	Base Fixed Price	Floor (Long)	Short Put	Call (Long)	Ceiling (Short)
2012	Fixed price swap	600	165,000	\$ 102.01	\$—	\$—	\$—	\$—
2013	Fixed price swap	400	146,000	100.75	—	—	—	—

(1) Crude volumes hedged include oil, condensate and certain components of our NGLs production.

As of March 31, 2012, the following NGLs derivative transactions were outstanding with the associated notional volumes and weighted average underlying hedge prices:

Settlement Period	Derivative Instrument	Average Daily	Total of Notional	Base Fixed	Floor (Long)	Short Put	Call (Long)	Ceiling (Short)
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		Volume (in Bbls)	Volume	Price				
2012	Fixed price swap	200	55,000	\$ 52.50	\$—	\$—	\$—	\$—
2013 (1)	Fixed price swap	200	18,000	52.50	—	—	—	—

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(1) For the period January to March 2013

As of March 31, 2012, all of the Company's economic derivative hedge positions were with a multinational energy company or large financial institutions, which are not known to the Company to be in default on their derivative positions. Credit support for the Company's open derivatives at March 31, 2012 is provided under the Revolving Credit Facility through inter-creditor agreements or open credit accounts of up to \$5.0 million. The Company is exposed to credit risk to the extent of non-performance by the counterparties in the derivative contracts discussed above; however, the Company does not anticipate non-performance by such counterparties. None of the Company's derivative instruments contains credit-risk related contingent features.

In conjunction with certain derivative hedging activity, the Company deferred the payment of certain put premiums for the production month period July 2010 through December 2012. The put premium liabilities become payable monthly as the hedge production month becomes the prompt production month. The Company began amortizing the deferred put premium liabilities during July 2010. At March 31, 2012 and December 31, 2011, the Company had current commodity derivative premium payable liabilities of \$3.6 million and \$4.7 million, respectively.

#### Additional Disclosures about Derivative Instruments and Hedging Activities

The tables below provide information on the location and amounts of derivative fair values in the condensed consolidated statement of financial position and derivative gains and losses in the condensed consolidated statement of operations for derivative instruments that are not designated as hedging instruments:

	Fair Values of Derivative Instruments		
	Derivative Assets (Liabilities)		
	Fair Value		
Balance Sheet Location	March 31, 2012	December 31, 2011	
	(in thousands)		
Derivatives not designated as hedging instruments			
Commodity derivative contracts	Current assets	\$ 20,927	\$ 19,385
Commodity derivative contracts	Other assets	4,153	4,130
Commodity derivative contracts	Current liabilities	(9,782)	(6,479)
Commodity derivative contracts	Long-term liabilities	(1,842)	(1,163)
Total derivatives not designated as hedging instruments		\$ 13,456	\$ 15,873
	Amount of Gain (Loss) Recognized in Income on Derivatives		
	Amount of Gain (Loss) Recognized in Income on Derivatives For the Three Months Ended		
	Location of Gain (Loss) Recognized in Income on Derivatives	March 31, 2012	March 31, 2011
		(in thousands)	
Derivatives not designated as hedging instruments			
Commodity derivative contracts	Natural gas, oil and NGLs revenues	\$ 2,440	\$ 2,489

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Commodity derivative contracts	Unrealized hedge loss	(1,524	) (1,899	)
Total		\$916	\$ 590	

7. Capital Stock

Other Share Issuances

The following table provides information regarding the issuances and forfeitures of Parent's common shares pursuant to

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Parent's 2006 Long-Term Incentive Plan for the periods indicated:

	For the Three Months Ended March 31, 2012
Other share issuances:	
Restricted common shares granted	1,116,935
Restricted common shares vested	288,232
Stock options exercised	3,000
Common shares forfeited (1)	83,141
Common shares canceled	—

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Represents common shares forfeited in connection with the payment of estimated withholding taxes on restricted (1) common shares that vested and with the payment of the exercise price and estimated withholding taxes on option exercises during the period.

**Shares Reserved**

At March 31, 2012, Parent had 980,900 common shares reserved for the exercise of stock options.

**Gastar USA Common Stock**

Prior to its conversion, as described below, Gastar USA's articles of incorporation allowed Gastar USA to issue 1,000 shares of common stock, without par value. There were 750 shares issued and outstanding at March 31, 2012 and December 31, 2011, all of which were held by Parent.

On May 24, 2011, Gastar USA converted from a Michigan corporation to a Delaware corporation (the "Conversion"). Following the Conversion, Gastar USA's new Delaware certificate of incorporation allows Gastar USA to issue 1,000 shares of common stock, without par value. In connection with the Conversion, the Parent's 750 shares of common stock in the Michigan corporation were converted to 750 shares of common stock in the new Gastar USA Delaware corporation.

**Gastar USA Preferred Stock**

Prior to the Conversion, Gastar USA's articles of incorporation did not authorize issuance of preferred stock. Following the Conversion, Gastar USA's new Delaware certificate of incorporation allows Gastar USA to issue 10,000,000 shares of preferred stock, with \$0.01 par value. The preferred stock may be issued from time to time in one or more series. Gastar USA's Board of Directors (the "Gastar USA Board") is authorized to fix the number of shares of any series of preferred stock and to determine the designation of any such series. The Gastar USA Board is also authorized to determine or alter the rights, preferences, privileges and restrictions granted to or imposed upon any wholly unissued series of preferred stock and, within the limits and restrictions stated in any resolution or resolutions of the Gastar USA Board originally fixing the number of shares constituting any series, to increase or decrease (but not below the number of shares of any such series outstanding) the number of shares of any series subsequent to the issues shares of that series).

On June 23, 2011, Gastar USA sold an aggregate of 646,295 shares of its 8.625% Series A Cumulative Preferred Stock, par value \$0.01 per share and liquidation preference \$25.00 per share (the "Series A Preferred Stock") through a best efforts underwritten public offering. The net proceeds to Gastar USA were approximately \$13.6 million after deducting underwriting discounts, commissions and estimated offering expenses.

On June 29, 2011, Gastar USA entered into an at-the-market sales agreement ("ATM Agreement") with McNicoll, Lewis & Vlax LLC ("MLV"). According to the provisions of the ATM agreement, Gastar USA may offer and sell from time to time up to 3,400,000 shares of Series A Preferred Stock through MLV, as its sales agent. Sales of the units will be made by means of ordinary brokers' transactions on the NYSE at market prices, in block transactions or as otherwise agreed between Gastar USA and MLV.

For the three months ended March 31, 2012, Gastar USA sold 1,617,394 shares of Series A Preferred Stock under the ATM Agreement for net proceeds of \$30.8 million, resulting in 2,981,937 total shares of Series A Preferred Stock issued for net proceeds of \$58.2 million at March 31, 2012. From April 1, 2012 to May 3, 2012, Gastar USA sold an

additional 260,562 shares of Series A Preferred Stock under the ATM Agreement for net proceeds of \$5.0 million. The Series A Preferred Stock is subordinated to all of Gastar USA's existing and future debt and all future capital stock designated as senior to the Series A Preferred Stock. Parent has entered into a guarantee agreement, whereby it will fully and

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unconditionally guarantee the payment of dividends that have been declared by the board of directors of Gastar USA, amounts payable upon redemption or liquidation, dissolution or winding up, and any other amounts due with respect to the Series A Preferred Stock, to the extent described in the guarantee agreement. Parent's obligations with respect to the guarantee will be effectively subordinated to all of its existing and future debt.

The Series A Preferred Stock cannot be converted into common stock of Gastar USA or the Company, but may be redeemed by Gastar USA, at Gastar USA's option, on or after June 23, 2014 for \$25.00 per share plus any accrued and unpaid dividends or in certain circumstances prior to such date as a result of a change in control. Following a change in control, Gastar USA will have the option to redeem the Series A Preferred Stock, in whole but not in part, within 90 days after the date on which the change in control occurs, for cash at the following prices per share, plus accrued and unpaid dividends (whether or not declared), up to the redemption date:

Redemption Date	Redemption Price
Prior to June 23, 2012	\$25.75
On or after June 23, 2012 and prior to June 23, 2013	\$25.50
On or after June 23, 2013 and prior to June 23, 2014	\$25.25
On or after June 23, 2014	\$25.00

Gastar USA will pay cumulative dividends on the Series A Preferred Stock at a fixed rate of 8.625% per annum of the \$25.00 per share liquidation preference. For the three months ended March 31, 2012, Gastar USA paid dividends of \$1.2 million.

#### 8. Interest Expense

The following table summarizes the components of interest expense for the periods indicated:

	For the Three Months Ended March 31, 2012	2011
	(in thousands)	
Interest expense:		
Cash and accrued	\$289	\$142
Amortization of deferred financing costs and debt discount	42	63
Capitalized interest	(304)	(173)
Total interest expense	\$27	\$32

#### 9. Related Party Transactions

##### Chesapeake Energy Corporation

Chesapeake Energy Corporation ("Chesapeake") acquired 6,781,768 of Parent's common shares during 2005 to 2007 in a series of private placement transactions. As a result of its share ownership, Chesapeake has the right to have an observer present at meetings of the Parent's board of directors.

As of March 31, 2012, Chesapeake owned 6,781,768 of Parent's common shares, or 10.3% of the Parent's outstanding common shares.

#### 10. Income Taxes

For the three months ended March 31, 2012 and 2011, respectively, the Company did not recognize a current income tax benefit or provision.

#### 11. Earnings per Share

In accordance with the provisions of current authoritative guidance, basic earnings or loss per share is computed on the basis of the weighted average number of common shares outstanding during the periods. Diluted earnings or loss per share is computed based upon the weighted average number of common shares outstanding plus the assumed issuance of common



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shares for all potentially dilutive securities. Diluted amounts are not included in the computation of diluted loss per share, as such would be anti-dilutive.

	For the Three Months Ended	
	March 31,	
	2012	2011
	(in thousands, except per share and share data)	
Net loss attributable to Gastar Exploration Ltd.	\$(6,310	) \$(1,935
Weighted average common shares outstanding - basic	63,336,437	63,024,481
Weighted average common shares outstanding - diluted	63,336,437	63,024,481
Net loss per common share attributable to Gastar Exploration Ltd.		
Common Shareholders:		
Basic	\$(0.10	) \$(0.03
Diluted	\$(0.10	) \$(0.03
Common shares excluded from denominator as anti-dilutive:		
Unvested restricted shares	1,216,534	402,632
Stock options	817,600	867,800
Warrants	—	2,000,000
Total	2,034,134	3,270,432

## 12. Commitments and Contingencies

## Litigation

Navasota Resources L.P. (“Navasota”) vs. First Source Texas, Inc., First Source Gas L.P. (now Gastar Exploration Texas, LP) and Gastar Exploration Ltd. (Cause No. 0-05-451) District Court of Leon County, Texas 12th Judicial District. This lawsuit, dated October 31, 2005, contended that the Company breached Navasota’s preferential right to purchase 33.33% of the Company’s interest in certain natural gas and oil leases located in Leon and Robertson Counties, which were sold to Chesapeake on November 4, 2005 (the “2005 Transaction”). The preferential right claimed that was the subject of the lawsuit is under an operating agreement dated July 7, 2000. The Company contended, among other things, that Navasota neither properly nor timely exercised any preferential right election it may have had with respect to the 2005 Transaction. In July 2006, the District Court of Leon County, Texas issued a summary judgment in favor of the Company and Chesapeake. Navasota filed a Notice of Appeal to the Tenth Court of Appeals in Waco. Oral argument was heard on September 26, 2007 and the Court of Appeals issued its opinion on January 9, 2008 reversing the trial court’s rulings, rendering judgment in favor of Navasota on its claims for breach of contract and specific performance, and remanding the case for further proceedings on Navasota’s other counts, which included claims for suit to quiet title, trespass to try title, tortious interference with contract, conversion, money had and received, breach of contract and declaratory relief. The Company and Chesapeake filed a motion for rehearing on February 6, 2008, which was denied on March 18, 2008. The Company and Chesapeake filed a joint Petition for Review in the Texas Supreme Court on May 13, 2008. On August 28, 2008, the Texas Supreme Court requested briefing on the merits. On January 9, 2009, the Texas Supreme Court denied the Petition for Review. On January 26, 2009, the Company and Chesapeake jointly filed a motion for rehearing in the Texas Supreme Court on its denial of the Petition for Review. On April 24, 2009, the Texas Supreme Court denied the Petition for Review.

Pursuant to a provision in the Purchase and Sale and Exploration Development Agreement, dated November 4, 2005 (the “Purchase and Sale Agreement”), between the Company and Chesapeake, Chesapeake acknowledged the existence of the Navasota lawsuit and claims and further agreed that if Navasota were to prevail on its claims, that Chesapeake would convey the affected interests it purchased from the Company to Navasota upon receipt of the purchase price and/or other consideration paid by Navasota. Therefore, the Company believes that Navasota’s exercise of its rights of specific performance should impact only Chesapeake’s assigned leasehold interests. However, in December 2008, Chesapeake stated to the Company that if the Texas Supreme Court were not to reverse the decision of the Tenth Court of Appeals, Chesapeake would seek rescission of the 2005 Transaction and restitution of consideration paid,

indicating that Chesapeake might assert such rescission and restitution as to the Purchase and Sale Agreement and the Common Share Purchase Agreement, both dated November 4, 2005. Chesapeake did not identify particular sums as to which it might seek restitution, but amounts paid to the Company in connection with the 2005 Transaction could be asserted to include the \$76.0 million paid by Chesapeake for the purchase of 5.5

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million common shares as part of the 2005 Transaction and/or other amounts. Chesapeake amended its answer to include cross-claims and counterclaims, including a claim for rescission.

On or about June 9, 2009, Navasota filed and served its Fourth Amended Petition, essentially re-pleading its previously-asserted claims against the Company and Chesapeake. Navasota exercised its rights of specific performance, and Chesapeake assigned leases to Navasota in July 2009. In March 2011, Chesapeake dismissed the cross-claims against the Company, including the claim for rescission, without prejudice to the subsequent re-filing of those claims. On April 12, 2011, Navasota filed its Fifth Amended Petition. The Fifth Amended Petition added a new claim that the Company allegedly refused to offer Navasota interests in oil and gas leases located within an area of mutual interest, failed to assign Navasota overriding royalty interests, and failed to recognize back-in-after-payout interests. On September 2, 2011, Navasota filed its Sixth Amended Petition. The Sixth Amended Petition added a new claim that the Company allegedly further violated Navasota's preferential right under the July 7, 2000 operating agreement to the extent the Company sold any other interests in oil and gas leases located in an area of mutual interest without offering them to Navasota. The Sixth Amended Petition also added a claim that the Company violated the Texas Natural Resource Code sections 402 and 403 by failing to pay production proceeds to Navasota.

The claims for monetary damages that Navasota asserted against the Company are as follows:

1. A claim for recovery of the gross proceeds of production for the period that Chesapeake owned record title to the properties, in the approximate amount of \$52.0 million.
2. A claim for alleged lost hedging profits that Navasota claims that would have been realized if it had title to the properties during the period that Chesapeake owned record title to the properties, in the approximate amount of \$32.0 million.

The Company believed that these claims against the Company were invalid and that Navasota was not entitled to any recovery on its claims for monetary damages. In particular, the Company believed that by virtue of the costs incurred in connection with the properties during the time period that Chesapeake owned record title to the properties compared to amount reimbursed by Navasota to Chesapeake to date, Navasota was in a better position economically than it would have been in had the assignments to Navasota been made in November 2005. The Company also believed that the claim that Navasota would have earned hedging profits if it had received the assignments in November 2005 was both legally invalid and factually wrong based on the undisputed evidence.

The case was set for trial in Leon County, Texas on April 24, 2012. The Company attended court-mandated mediation on April 5, 2012, and at the mediation, the Company entered into a settlement agreement with Navasota. Under the terms of the settlement, Gstar Exploration Texas, LP agreed to pay the sum of \$1.3 million to Navasota, Navasota gave a full release of claims to the Company, and Gstar Exploration Texas, LP agreed to offer Navasota the opportunity to acquire one-third (1/3) of Gstar Exploration Texas, LP's current working interest in each oil and gas lease that meets both of the following criteria: (a) Gstar Exploration Texas, LP acquired the lease or an interest in the lease after October 30, 2005 in the AMI that is the subject of the Joint Operating Agreement dated July 7, 2000 covering the Hilltop Prospect to which Navasota and Gstar Exploration Texas, LP are currently parties, and (b) none of the Gstar Defendants (or any of their affiliates) and none of the Chesapeake Defendants (or any of their affiliates) have conveyed a working interest therein to Navasota as of the date of this settlement agreement. The settlement agreement provides for the payment by Navasota of its share of lease acquisition costs for any leases in which it elects to acquire an interest and for an accounting of revenues and costs for any wells drilled on leases in which Navasota elects to acquire an interest. No later than June 4, 2012, Navasota must exercise its elections regarding the leases in which it will acquire interests pursuant to the settlement agreement.

Gstar Exploration Texas, LP vs. J. Ken Welch d/b/a W-S-M Oil Company, et al; Cause No. 0-09-117 in the 87th Judicial District Court of Leon County, Texas. This lawsuit, filed on March 12, 2009, is a suit for trespass to try title and, in the alternative, to quiet title to an undivided mineral interest under several Company oil and gas leases covering approximately 4,273.7 gross acres (the "Leases"). The Company contends that certain oil and gas leases claimed by the defendants have expired according to their terms and that the defendants' failure to release those leases constitutes a trespass upon and cloud on the Leases. The Company also contends that the defendants' continued production of oil from wells located on the land in question is a trespass to real property for which the Company is entitled to receive damages. The defendants answered the lawsuit and asserted certain affirmative defenses. The

parties exchanged written discovery requests and responses. The parties exchanged documents responsive to requests for production. The defendants filed a counterclaim. The defendants claim that their leases are still valid and that they own a working interest and/or an overriding royalty in the Company's Belin Nos. 1, 2 and 3 wells located in Leon County. The Company and the defendants attended mediation but no settlement was reached. On June 30, 2011, five individuals intervened in the lawsuit and claimed that they are owed overriding royalties under the same leases claimed by the defendants. The Company contends that the intervenors are not entitled to any overriding royalties because the leases claimed by the defendants and the intervenors have expired. The defendants, the intervenors and several third-party witnesses were deposed. On February 24, 2012, the Company and the intervenors reached a confidential settlement. A non-confidential term of the settlement with the intervenors was the intervenors' release of their claim to any overriding royalties. On March 31, 2012, the Company and the defendants entered into a settlement with an effective date of April 1, 2012. Some of the terms of the settlement are confidential. As part of the settlement, the defendants released their leases. By

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releasing their leases, the defendants gave up any claim to any interest in the Company's Belin Nos. 1, 2 and 3 wells. The defendants also assigned the wells they operated on the leases to the Company. Pursuant to the settlement, the lawsuit was dismissed with prejudice on April 20, 2012.

The settlements of the J. Ken Welch and Navasota lawsuits did not materially impact the Company's operating results, financial position or cash flows.

The Company has been expensing legal defense costs on these proceedings as they are incurred.

The Company is party to various legal proceedings arising in the normal course of business. The ultimate outcome of each of these matters cannot be absolutely determined, and the liability the Company may ultimately incur with respect to any one of these matters in the event of a negative outcome may be in excess of amounts currently accrued for with respect to such matters. Net of available insurance and performance of contractual defense and indemnity obligations, where applicable, management does not believe any such matters will have a material adverse effect on the Company's financial position, results of operations or cash flows.

### 13. Statement of Cash Flows – Supplemental Information

The following is a summary of the supplemental cash paid and non-cash transactions for the periods indicated:

	For the Three Months Ended March 31,	
	2012	2011
	(in thousands)	
Cash paid for interest	\$331	\$89
Non-cash transactions:		
Capital expenditures excluded from accounts payable and accrued drilling costs	(429	) 809
Capital expenditures excluded from prepaid expenses	153	—
Asset retirement obligation included in natural gas and oil properties	18	178
Application of advances to operators	1,876	204

### CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

This report includes forward-looking information that is intended to be covered by the “forward-looking statements” within the meaning of the Private Securities Litigation Reform Act of 1995, Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. All statements other than statements of historical fact included or incorporated by reference in this report are forward-looking statements, including without limitation all statements regarding future plans, business objectives, strategies, expected future financial position or performance, expected future operational position or performance, budgets and projected costs, future competitive position or goals and/or projections of management for future operations. In some cases, you can identify a forward-looking statement by terminology such as “may,” “will,” “could,” “should,” “expect,” “plan,” “project,” “intend,” “anticipate,” “believe,” “estimate,” “predict,” “potential,” “pursue,” “target” or “continue,” the negative of such terms or variations thereon, or other comparable terminology.

The forward-looking statements contained in this report are largely based on our expectations and beliefs concerning future developments and their potential effect on us, which reflect certain estimates and assumptions made by our management. These estimates and assumptions reflect our best judgment based on currently known market conditions, operating trends, and other factors. Forward-looking statements may include statements that relate to, among other things, our:

- financial position;
- business strategy and budgets;
- anticipated capital expenditures;
- drilling of wells, including the anticipated scheduling and results of such operations;
- natural gas and oil reserves;

Timing and amount of future production of natural gas, natural gas liquids, oil and condensate;  
Operating costs and other expenses;

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cash flow and anticipated liquidity;  
prospect development; and  
property acquisitions and sales.

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. As such, management's assumptions about future events may prove to be inaccurate. These cautionary statements qualify all forward-looking statements attributable to us or persons acting on our behalf. Management cautions all readers that the forward-looking statements contained in this report are not guarantees of future performance, and we cannot assure any reader that such statements will be realized or that the events and circumstances they describe will occur. Factors that could cause actual results to differ materially from those anticipated or implied in the forward-looking statements herein include, but are not limited to:

- the supply and demand for natural gas and oil;
- low and/or declining prices for natural gas and oil;
- natural gas and oil price volatility;
- worldwide political and economic conditions and conditions in the energy market;
- our ability to raise capital to fund capital expenditures or repay or refinance debt upon maturity;
- the ability and willingness of our current or potential counterparties, third-party operators or vendors to enter into transactions with us and/or fulfill their obligation to us;
- failure of our joint interest partners to fund any or all of their portion of any capital program;
- the ability to find, acquire, market, develop and produce new natural gas and oil properties;
- uncertainties about the estimated quantities of natural gas and oil reserves and in the projection of future rates of production and timing of development expenditures of proved reserves;
- strength and financial resources of competitors;
- availability and cost of material and equipment, such as drilling rigs and transportation pipelines;
- availability and cost of processing and transportation;
- changes or advances in technology;
- the risks associated with exploration, including cost overruns and the drilling of non-economic wells or dry wells,
- operating hazards inherent to the natural gas and oil business and down hole drilling and completion risks that are generally not recoverable from third parties or insurance;
- potential mechanical failure or under-performance of significant wells or pipeline mishaps;
- environmental risks;
- possible new legislative initiatives and regulatory changes potentially adversely impacting our business and industry, including, but not limited to, national healthcare, hydraulic fracturing, state and federal corporate income taxes, retroactive royalty or production tax regimes, changes in environmental regulations, environmental risks and liability under federal, state and local environmental laws and regulations;
- effects of the application of applicable laws and regulations, including changes in such regulations or the interpretation thereof;
- potential losses from pending or possible future claims, litigation or enforcement actions;
- potential defects in title to our properties or lease termination due to lack of activity or other disputes with mineral lease and royalty owners, whether regarding calculation and payment of royalties or otherwise;
- the weather, including the occurrence of any adverse weather conditions and/or natural disasters affecting our business;
- ability to find and retain skilled personnel; and
- any other factors that impact or could impact the exploration of natural gas or oil resources, including, but not limited to, the geology of a resource, the total amount and costs to develop recoverable reserves, legal title, regulatory, natural gas administration, marketing and operational factors relating to the extraction of natural gas and oil.

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For a more detailed description of the risks and uncertainties that we face and other factors that could affect our financial performance or cause our actual results to differ materially from our projected results please see (i) Part II, Item 1A. "Risk Factors" and elsewhere in this report, (ii) Part I, Item 1A. "Risk Factors" and elsewhere in our 2011 Form 10-K, (iii) our subsequent reports and registration statements filed from time to time with the SEC and (iv) other announcements we make from time to time.

You should not unduly rely on these forward-looking statements in this report, as they speak only as of the date of this report. Except as required by law, we undertake no obligation to publicly update, revise or release any revisions to these forward-looking statements after the date they are made, whether as a result of new information, future events or otherwise, to reflect events or circumstances occurring after the date of this report or to reflect the occurrence of unanticipated events.

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

### Overview

We are an independent energy company engaged in the exploration, development and production of natural gas and oil in the U.S. Our principal business activities include the identification, acquisition, and subsequent exploration and development of natural gas and oil properties with an emphasis on unconventional natural gas reserves, such as shale resource plays. We are currently pursuing the development of liquids-rich natural gas in the Marcellus Shale play in the Appalachia area of West Virginia and central and southwestern Pennsylvania. We also hold prospective acreage in the deep Bossier gas play in the Hilltop area of East Texas and in the Mid-Continent area of the U.S.

Parent is a Canadian corporation, incorporated in Alberta in 1987 and subsisting under the Business Corporations Act (Alberta), with its common shares listed on the NYSE Amex under the symbol "GST." Parent is a holding company. Substantially all of the Company's operations are conducted through, and substantially all of its assets are held by, Parent's primary operating subsidiary, Gastar USA, and its subsidiaries. Gastar USA's Series A Preferred Stock is listed on the NYSE Amex under the symbol "GST.PRA."

Our current operational activities are conducted primarily in the U.S. As of March 31, 2012, our major assets consist of approximately 107,800 gross (76,200 net) acres in the Marcellus Shale in West Virginia and southwestern Pennsylvania, approximately 38,500 gross (22,700 net) acres in the Bossier play in the Hilltop area of East Texas, approximately 36,000 gross (15,500 net) acres in the Powder River Basin of Wyoming and Montana and approximately 12,500 gross (5,100 net) acres in the Mid-Continent area of the U.S.

The following discussion addresses material changes in our results of operations for the three months ended March 31, 2012 compared to the three months ended March 31, 2011 and material changes in our financial condition since December 31, 2011. This discussion should be read in conjunction with our condensed consolidated financial statements and the notes thereto included in Part I. Item 1. "Financial Statements" of this report, as well as our 2011 Form 10-K, which includes important disclosures regarding our critical accounting policies as part of "Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations." Except as otherwise noted, there are no material differences between the consolidated information for the Company presented herein and the consolidated information of Gastar USA.

### Natural Gas and Oil Activities

The following provides an overview of our major natural gas and oil projects. While actively pursuing specific exploration and development activities in each of the following areas, there is no assurance that new drilling opportunities will be identified or that any new drilling opportunities will be successful if drilled.

**Marcellus Shale and Other Appalachia.** The Marcellus Shale is Devonian aged shale that underlies much of the Appalachian region of Pennsylvania, New York, Ohio, West Virginia and adjacent states. The depth of the Marcellus Shale and its low permeability make the Marcellus Shale an unconventional exploration target in the Appalachian Basin. Advancements in horizontal drilling and stimulation have produced promising results in the Marcellus Shale. These developments have resulted in increased leasing and drilling activity in the area. As of March 31, 2012, our acreage position in the play was approximately 107,800 gross (76,200 net) acres. We refer to the approximately 45,500 gross (20,700 net) acres reflecting our interest in our Marcellus Shale assets in West Virginia and Pennsylvania



subject to the Atinum Joint Venture described below as our Marcellus West acreage. We refer to the approximately 62,300 gross (55,500 net) acres in Preston, Tucker, Pocahontas, Randolph and Pendleton Counties, West Virginia as our Marcellus East acreage. The entirety of our acreage is believed to be in the core, over-pressured area of the Marcellus play.

On September 21, 2010, we entered into the Atinum Joint Venture pursuant to a purchase and sale agreement with Atinum. Pursuant to the agreement, at the closing of the transaction on November 1, 2010, we assigned to Atinum, for \$70.0 million in total consideration, an initial 21.43% interest in all of our existing Marcellus Shale assets in West Virginia and Pennsylvania, consisting of certain undeveloped acreage and a 50% working interest in 16 producing shallow conventional wells and one

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non-producing vertical Marcellus Shale well (the “Atinum Joint Venture Assets”). Atinum paid us approximately \$30.0 million in cash upon closing. Additionally, Atinum was obligated to fund its 50% share of drilling, completion and infrastructure costs, and paid an additional \$40.0 million of drilling costs in the form of a drilling carry obligation by funding 75% of our 50% share of those same costs. Upon completion of the funding of the drilling carry, we made additional assignments, as necessary, to Atinum as a result of which Atinum owns a 50% interest in the Atinum Joint Venture Assets.

The Atinum Joint Venture's initial three-year development program calls for the partners to drill a minimum of 12 horizontal wells in 2011 and 24 horizontal wells in each of 2012 and 2013. Due to recent natural gas price declines, Atinum and Gastar USA agreed to reduce the 2012 minimum wells to be drilled requirement from 24 wells to 20 wells. As of March 31, 2012, we had drilled and cased 26 gross (11.7 net) operated wells and were in various stages of drilling on two gross (0.9 net) operated wells in Marshall County, West Virginia, under the Atinum Joint Venture. Effective June 30, 2011, Atinum has the right to participate in any future leasehold acquisitions made by us within Ohio, New York, Pennsylvania and West Virginia, excluding the counties of Pendleton, Pocahontas, Preston, Randolph and Tucker, West Virginia, on terms identical to those governing the existing Atinum Joint Venture. We will act as operator and are obligated to offer any future lease acquisitions to Atinum on a 50/50 basis. Atinum will pay us on an annual basis an amount equal to 10% of lease bonuses and third party leasing costs up to \$20.0 million and 5% of such costs on activities above \$20.0 million.

In December 2010, we completed a Marcellus Shale leasehold acquisition for the Marcellus East acreage for an aggregate purchase price of \$28.9 million. The acquisition consisted of undeveloped leasehold in the Marcellus Shale concentrated in Preston, Tucker, Pocahontas, Randolph and Pendleton Counties, West Virginia, including a gathering system comprised of 41 miles of four and six inch steel pipeline, a salt water disposal well, and five conventional producing wells. The Marcellus East acreage was outside the initial AMI with Atinum, and Atinum elected not to acquire a 50% interest as provided under the terms of the Atinum Joint Venture. We believe their decision was due to the timing of the transaction and limited prior operational results within the initial Atinum Joint Venture AMI. We have completed the drilling of the Hickory Ridge 2H horizontal Marcellus well in Marcellus East in Preston County, West Virginia. We completed the 2,500 foot lateral with a ten-stage fracture stimulation in August 2011 and the well has recovered approximately 57% of the fluids used in its completion. Currently, the well is producing approximately 217 Mcf/d. Nearby vertical wells also experienced low gas rates prior to recovering at least 75% of completion fluids. We recently installed a compressor to assist with accelerating the recovery of the completion fluids from the well, and we believe the well will be capable of producing at economic rates. Due to the current natural gas price environment, we are currently not planning to drill any additional wells on the Marcellus East acreage during 2012, but we are in the process of permitting a 3-D seismic survey over a portion of Marcellus East with a targeted completion date of early 2013.

As of March 31, 2012, our operated well activity in Marshall County, West Virginia was comprised of 12 gross (5.2 net) producing wells, 14 gross (6.5 net) wells drilled and either fracture stimulated or waiting to be fracture stimulated and two gross (0.9 net) wells in various stages of drilling in progress. The 12 operated wells on production were comprised of the Wengerd 1H and 7H wells, the Corley 1H, 2H, 3H and 4H wells, the Simms 1H, 2H and 3H wells and the Hall 1H, 2H and 3H wells. Our average working interest in these 12 producing wells is 43.5% and the average well lateral length is approximately 4,700 feet.

As of March 31, 2012, we had commenced drilling operations on the Wayne lease, a four horizontal well pad scheduled for production in September 2012 in Marshall County, West Virginia. Our average working interest in the Wayne wells is 45% and the average well lateral length for the Wayne wells is targeted to be approximately 5,400 feet.

As of March 31, 2012, we had participated on a non-operated basis in the drilling of seven horizontal Marcellus Shale wells in Butler County, Pennsylvania and an additional four non-operated horizontal Marcellus Shale wells in Marshall County, West Virginia. Three of the seven Butler County wells were turned to production on December 1, 2011 with the remaining four wells completed and turned to sales in March 2012. Our average working interest in the Butler County wells is 19.2% and the average lateral length of the wells is 3,900 feet. Of the four Marshall County non-operated wells, two of the wells were on production prior to December 31, 2011 and the remaining wells were

placed on production by mid-April 2012. Our current average working interest in the Marshall County wells is 22.5% and the average well lateral length is approximately 4,200 feet.

For the three months ended March 31, 2012, net production from the Marcellus Shale averaged approximately 14.0 MMcfe/d compared to 0.7 MMcfe/d for the three months ended March 31, 2011. During the last several quarters, our operated production and sales in West Virginia have been curtailed by issues with condensate handling, dehydration limitations and high line pressures on a third-party-operated gathering system. The operator has been gradually resolving these issues and total resolution is expected by the end of the second quarter of 2012.

Hilltop Area, East Texas. At March 31, 2012, we held leases covering approximately 38,500 gross (22,700 net) acres in the Bossier play in the Hilltop area of East Texas in Leon and Robertson Counties. Wells in this area target multiple potentially productive natural gas formations and are typically characterized by high initial production and attractive long-lived per well reserves. Due to current low natural gas prices, we have suspended all Bossier drilling activities in the Hilltop area for 2012.

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We are monitoring offset horizontal drilling activity in the Eagle Ford and Woodbine formations by Encana Corporation and EOG Resources, Inc. Should the drilling results of the offset operators warrant such, we may consider drilling an Eagle Ford or Woodbine test well in 2013.

For the three months ended March 31, 2012, net production from the Hilltop area averaged approximately 14.1 MMcfe/d compared to 20.4 MMcfe/d for the three months ended March 31, 2011.

Coalbed Methane – Powder River Basin, Wyoming and Montana. As of March 31, 2012, we own an approximate 40% average working interest in approximately 36,000 gross (15,500 net) acres in the Powder River Basin of Wyoming and Montana. For the three months ended March 31, 2012 and 2011, net production from the Powder River Basin averaged approximately 1.4 MMcfe/d, respectively. Due to low natural gas prices, the overall field operations from the Powder River Basin have continued to be uneconomic and based on current future natural gas price curves, operations may continue to be uneconomic for the foreseeable future. As such, on May 3, 2012, we assigned our working interest in the Powder River Basin to the operator effective January 1, 2012.

Gastar USA Series A Preferred Stock

During the three months ended March 31, 2012, Gastar USA sold 1,617,394 shares of Series A Preferred Stock under the ATM Agreement for net proceeds of \$30.8 million, resulting in 2,981,937 total shares issued for net proceeds of \$58.2 million. From April 1, 2012 to May 3, 2012, we sold an additional 260,562 shares of Series A Preferred Stock under the ATM Agreement for net proceeds of \$5.0 million. We plan to continue issuing Series A Preferred Stock under the ATM Agreement in the future depending on our capital expenditures program and market conditions. See “Liquidity and Capital Resources” of this report.

Results of Operations

The following is a comparative discussion of the results of operations for the periods indicated. It should be read in conjunction with the condensed consolidated financial statements and the related notes to the condensed consolidated financial statements found elsewhere in this report.

The following table provides information about production volumes, average prices of natural gas and oil and operating expenses for the periods indicated:

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	For the Three Months Ended March 31,	
	2012	2011
Production:		
Natural gas (MMcf)	2,237	1,966
Oil (MBbl)	26	11
NGLs (MBbl)	47	—
Total production (MMcfe)	2,678	2,031
Total (Mmcfe/d)	29.4	22.6
Average sales price per unit:		
Natural gas per Mcf, excluding impact of realized hedging activities	\$ 1.96	\$ 3.35
Natural gas per Mcf, including impact of realized hedging activities	3.09	4.62
Oil per Bbl, excluding impact of realized hedging activities	74.74	88.05
Oil per Bbl, including impact of realized hedging activities	71.76	88.05
NGLs per Bbl, excluding impact of realized hedging activities	39.80	—
NGLs per Bbl, including impact of realized hedging activities	39.76	—
Average sales price per Mcfe, excluding impact of realized hedging activities	\$ 3.08	\$ 3.71
Average sales price per Mcfe, including impact of realized hedging activities	3.99	4.94
Selected operating expenses (in thousands):		
Production taxes	\$ 453	\$ 109
Lease operating expenses	2,416	1,707
Transportation, treating and gathering	1,179	1,103
Depreciation, depletion and amortization	5,653	4,112
General and administrative expense	3,161	2,880
Selected operating expenses per Mcfe:		
Production taxes	\$ 0.17	\$ 0.05
Lease operating expenses	0.90	0.84
Transportation, treating and gathering	0.44	0.54
Depreciation, depletion and amortization	2.11	2.02
General and administrative expense	1.18	1.42

Three Months Ended March 31, 2012 compared to the Three Months Ended March 31, 2011

Revenues. Total natural gas, oil and NGLs revenues were \$10.7 million for the three months ended March 31, 2012, up from \$10.0 million for the three months ended March 31, 2011. The increase in revenues was the result of a 32% increase in production offset by a 19% decrease in weighted average realized prices. Average daily production on an equivalent basis was 29.4 MMcfe/d for the three months ended March 31, 2012 compared to 22.6 MMcfe/d for the same period in 2011. Oil and NGLs daily production represented approximately 16% of total production for the three months ended March 31, 2012 compared to 3% of daily production for the prior year three month period, primarily as a result of our increased focus on drilling liquids-rich acreage in 2011 due to lower natural gas prices.

Liquids revenues (oil and NGLs including condensate) represented approximately 47% of our total revenues before hedge impact for the period ended March 31, 2012 compared to 13% for the period ended March 31, 2011. Due to continued lower natural gas prices, we are focusing the majority of our 2012 drilling activity on the liquids-rich portions of the Marcellus Shale. If current trends of natural gas prices relative to oil prices continue and assuming that we successfully and timely complete our



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2012 drilling activity, we expect our liquids revenues to continue to increase as a percentage of total revenues before hedging gains or losses for the remainder of 2012.

During the three months ended March 31, 2012, approximately 78% of our natural gas production had downside hedge price protection. The realized effect of hedging on natural gas sales was an increase of \$2.5 million in natural gas revenues resulting in an increase in total price realized from \$1.96 per Mcf to \$3.09 per Mcf. The realized hedge impact includes a benefit of \$220,000 for amortization of prepaid call sale premiums. Excluding the non-cash amortization, the realized effect of hedging was an increase in revenues of \$2.3 million, which was comprised of \$3.4 million of NYMEX hedge gains and \$8,000 of regional basis gains offset by payment of deferred put premiums of \$1.1 million. For the remainder of 2012, we have costless three way collar hedges for approximately 7,400 MMBtu/d with a weighted average floor of \$5.73, short put of \$4.00 and a ceiling of \$6.88. In addition, we have put spread hedges for approximately 13,400 MMBtu/d with a weighted average floor of \$6.00 and a short put of \$4.00 and call spreads for 2,000 MMBtu/d with a weighted average call of \$4.00 and a ceiling of \$4.50. During the three months ended March 31, 2011, the realized effect of hedging on natural gas sales was an increase of \$2.5 million in natural gas and oil revenues resulting in an increase in total price realized from \$3.35 per Mcf to \$4.62 per Mcf. The 2011 realized hedge impact included a benefit of \$442,000 of non-cash amortization of prepaid call sale and put purchase premiums and payment of deferred put premiums of \$699,000.

During the three months ended March 31, 2012, approximately 69% of our oil production was hedged. The realized effect of hedging on oil sales was a decrease of \$78,000 in oil revenues resulting in a decrease in total price realized from \$74.74 per Bbl to \$71.76 per Bbl. For the remainder of 2012, we have fixed price swaps for 600 Bbls/d of crude oil at \$102.01 per Bbl. The crude oil fixed price swaps provide price protection for our future oil sales and butane, isobutene and pentanes components of our NGLs production as these heavy components of NGLs have pricing that correlates closely with oil pricing.

During the three months ended March 31, 2012, approximately 13% of our NGLs production was hedged. The realized effect of hedging on NGLs sales was a decrease of \$2,000 in NGLs revenues resulting in a decrease in total price realized from \$39.80 per Bbl to \$39.76 per Bbl. For the remainder of 2012, we have fixed price swaps for 200 Bbls/d of NGLs at \$52.50 per Bbl providing price protection for our future propane component of our NGLs production.

Unrealized hedge loss was \$1.5 million for the three months ended March 31, 2012 compared to an unrealized hedge loss of \$1.9 million for the three months ended March 31, 2011. The decrease in unrealized hedge loss is the result of lower future NYMEX gas prices partially offset by losses related to future oil hedges.

Production taxes. We reported production taxes of \$453,000 for the three months ended March 31, 2012 compared to \$109,000 for the three months ended March 31, 2011. The increase in production taxes primarily resulted from higher revenues in West Virginia due to increased natural gas, oil and NGLs production.

Lease operating expenses. We reported lease operating expenses of \$2.4 million for the three months ended March 31, 2012 compared to \$1.7 million for the three months ended March 31, 2011. Our lease operating expenses ("LOE") were \$0.90 per Mcfe for the three months ended March 31, 2012 compared to \$0.84 per Mcfe for the same period in 2011. The increase in the rate per Mcfe was primarily due to higher workover costs of \$0.07 per Mcfe and higher controllable LOE of \$0.04 per Mcfe offset by a \$0.05 per Mcfe decrease in ad valorem taxes during the three months ended March 31, 2012.

Transportation, treating and gathering. We reported transportation expenses of \$1.2 million for the three months ended March 31, 2012 compared to \$1.1 million for the three months ended March 31, 2011. The current quarter included \$465,000 of charges under our Hilltop gas gathering agreement with Hilltop Resort GS, LLC compared to \$267,000 of such charges in the same quarter of 2011. Such charges resulted from actual production volumes being less than minimum contractual volume requirements.

Depreciation, depletion and amortization. We reported depreciation, depletion and amortization ("DD&A") expense of \$5.7 million for the three months ended March 31, 2012 up from \$4.1 million for the three months ended March 31, 2011. The increase in DD&A expense was the result of a 4% increase in the DD&A rate per Mcfe and a 32% increase in production. The DD&A rate for the three months ended March 31, 2012 was \$2.11 per Mcfe compared to \$2.02 per Mcfe for the same period in 2011. The increase in the rate is primarily due to higher proved costs associated with

recent East Texas wells drilled and additional allocation of undeveloped East Texas leasehold costs from unproved to proved properties based on recent drilling results.

General and administrative expense. We reported general and administrative expenses of \$3.2 million for the three months ended March 31, 2012, up from \$2.9 million for the three months ended March 31, 2011. Non-cash stock-based compensation expense, which is included in general and administrative expense, was \$892,000 and \$705,000 for the three months ended March 31, 2012 and 2011, respectively. The increase in stock-based compensation expense is primarily due to the additional expense recognized during the period related to grants made in early 2012 that were in excess of grants made in the prior year. Excluding stock-based compensation expense, general and administrative expense increased \$94,000 to \$2.3 million for the three months ended March 31, 2012 compared to March 31, 2011. This increase is primarily due to higher legal costs.



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Litigation settlement expense. We reported litigation settlement expense of \$1.3 million for the three months ended March 31, 2012 resulting from our settlement with Navasota on April 5, 2012. For additional information regarding the settlement of this matter, see Note 12, "Commitments and Contingencies" to our condensed consolidated financial statements included in this report.

Dividends on Preferred Stock. We reported dividends on our Series A Preferred Stock of \$1.2 million for the three months ended March 31, 2012. The Series A Preferred Stock had a stated value of approximately \$58.2 million at March 31, 2012 and carries a cumulative dividend rate of 8.625% per annum. There were no shares of Series A Preferred Stock outstanding for the three months ended March 31, 2011.

## Liquidity and Capital Resources

Overview. Our primary sources of liquidity and capital resources are internally generated cash flows from operating activities or asset sales, availability under the Revolving Credit Facility, issuances of Gastar USA preferred equity and access to capital markets, to the extent available. We continually evaluate our capital needs and compare them to our capital resources and ability to raise funds in the financial markets. We adjust capital expenditures in response to changes in natural gas, oil and NGLs prices, drilling results and cash flow.

For the three months ended March 31, 2012, we reported cash flows provided by operating activities of \$2.5 million, net cash used in investing activities, primarily for the development and purchase of natural gas and oil properties, of \$38.8 million and net cash provided by financing activities of \$35.3 million, consisting of \$30.8 million of proceeds from issuances of 1,617,394 shares of Gastar USA's Series A Preferred Stock and \$5.0 million of net borrowings under our Revolving Credit Facility. As a result of these activities, our cash and cash equivalents balance decreased by \$1.0 million, resulting in a cash and cash equivalents balance of \$9.6 million at March 31, 2012.

At March 31, 2012, we had a net working capital deficit of approximately \$18.8 million, including \$18.3 million of advances from non-operators. At March 31, 2012, availability under our Revolving Credit Facility was \$65.0 million. Future capital and other expenditure requirements. Capital expenditures for the remainder of 2012, excluding acquisitions, are projected to be approximately \$97.2 million. In the Marcellus Shale, we expect to spend \$74.7 million for drilling, completion, infrastructure, lease acquisition and seismic costs. We have budgeted \$4.7 million for East Texas. In addition, we have allocated \$13.5 million for a new Mid-Continent oil-focused venture and \$4.3 million for capitalized interest and other costs. We plan on funding this capital activity through existing cash balances, internally generated cash flow from operating activities, borrowings under the Revolving Credit Facility and possible future ATM issuances of Gastar USA Series A Preferred Stock. Our capital expenditures and the scope of our drilling activities may change as a result of several factors, including, but not limited to, changes in natural gas and oil prices, costs of drilling and completion and leasehold acquisitions, drilling results, future ATM issuances of Gastar USA Series A Preferred Stock and changes in the borrowing base under the Revolving Credit Facility.

Commodity Hedging Activities. Our operating cash flow is sensitive to many variables, the most significant of which is the volatility of prices for natural gas, oil and NGLs. Prices for these commodities are determined primarily by prevailing market conditions including national and worldwide economic activity, weather, infrastructure capacity to reach markets, supply levels and other variable factors. These factors are beyond our control and are difficult to predict.

To mitigate some of the potential negative impact on cash flows caused by changes in natural gas, oil and NGLs prices, we have entered into financial commodity costless collars, index swaps, basis and fixed price swaps and put and call options to hedge natural gas, oil and NGLs price risk. In addition to NYMEX swaps and collars and fixed price swaps, we also have entered into basis only swaps. With a basis only swap, we have hedged the difference between the NYMEX price and the price received for our natural gas production at the specific delivery location. See Part I, Item 1. "Financial Statements, Note 6 – Derivative Instruments and Hedging Activity" of this report.

At March 31, 2012, the estimated fair value of all of our commodity derivative instruments was a net asset of \$13.5 million, comprised of current and non-current assets and liabilities. In conjunction with certain commodity derivative hedging activity, we deferred the payment of certain put premiums for the production month period July 2010 through December 2012. At March 31, 2012, we had a current commodity derivative premium payable of \$3.6 million. The put premium liabilities become payable monthly as the hedge production month becomes the prompt production

month.

By removing the price volatility from a portion of our natural gas, oil and NGLs for 2012, 2013 and 2014, we have mitigated, but not eliminated, the potential effects of changing prices on our operating cash flows for those periods. While mitigating negative effects of falling commodity prices, certain derivative contracts also limit the benefits we could receive from increases in commodity prices.

As of March 31, 2012, all of our economic derivative hedge positions were with a multinational energy company or large financial institutions, which are not known to us to be in default on their derivative positions. Credit support for our open

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derivatives at March 31, 2012 is provided under the Revolving Credit Facility through inter-creditor agreements or open credit accounts of up to \$5.0 million. We are exposed to credit risk to the extent of non-performance by the counterparties in the derivative contracts discussed above; however, we do not anticipate non-performance by such counterparties.

Revolving Credit Facility. At March 31, 2012, we had \$35.0 million outstanding under the Revolving Credit Facility compared to our December 31, 2011 outstanding balance of \$30.0 million. The increase in our long-term debt balance is associated with expenditures for the development of natural gas and oil properties during the three months ended March 31, 2012 of \$35.5 million. Effective March 5, 2012, the borrowing base under the Revolving Credit Facility was increased from \$50.0 million to \$100.0 million. Borrowing base redeterminations are scheduled semi-annually with the next redetermination scheduled for November 2012. However, we and the lenders may request one additional unscheduled redetermination annually.

Borrowings under the Revolving Credit Facility bear interest, at our election, at the prime rate or LIBO rate plus an applicable margin. Pursuant to the Revolving Credit Facility, the applicable interest rate margin varies from 1.0% to 2.0% in the case of borrowings based on the prime rate and from 2.5% to 3.5% in the case of borrowings based on the LIBO rate, depending on the utilization percentage in relation to the borrowing base. Under the Revolving Credit Facility, we are subject to certain financial covenants, including interest coverage ratio, a total net indebtedness to EBITDA ratio and current ratio requirement. At May 8, 2012, our availability under our Revolving Credit Facility was \$55.0 million.

At March 31, 2012, Gastar USA was in compliance with all financial covenants under the Revolving Credit Facility. For a more detailed description of the terms of our Revolving Credit Facility, see Part I, Item 1. "Financial Statements, Note 4 – Long-Term Debt" of this report.

### Off-Balance Sheet Arrangements

As of March 31, 2012, we had no off-balance sheet arrangements. We have no plans to enter into any off-balance sheet arrangements in the foreseeable future.

### Commitments and Contingencies

As is common within the industry, we have entered into various commitments and operating agreements related to the exploration and development of and production from proved natural gas properties. It is management's belief that such commitments will be met without a material adverse effect on our financial position, results of operations or cash flows.

We are party to various litigation matters and administrative claims arising out of the normal course of business. Although the ultimate outcome of each of these matters cannot be absolutely determined and the liability the Company may ultimately incur with respect to any one of these matters in the event of a negative outcome may be in excess of amounts currently accrued with respect to such matters, management does not believe any such matters will have a material adverse effect on our financial position, results of operations or cash flows. A discussion of current legal proceedings is set forth in Part I Item 1. "Financial Statements, Note 12 – Commitments and Contingencies" of this report.

### Critical Accounting Policies and Estimates

The preparation of financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of assets, liabilities, revenues, expenses, contingent assets and liabilities and the related disclosures in the accompanying condensed consolidated financial statements. Changes in these estimates and assumptions could materially affect our financial position, results of operations or cash flows.

Management considers an accounting estimate to be critical if:

- It requires assumptions to be made that were uncertain at the time the estimate was made; and
- Changes in the estimate or different estimates that could have been selected could have a material impact on our consolidated results of operations or financial condition.

Significant accounting policies that we employ and information about the nature of our most critical accounting estimates, our assumptions or approach used and the effects of hypothetical changes in the material assumptions used to develop each estimate are presented in Part I, Item I. "Financial Statements, Note 2 -Summary of Significant

Accounting Policies” of this report and in Part II, Item 7. “Management’s Discussion and Analysis of Financial Condition and Results of Operations – Critical Accounting Policies and Estimates” included in our 2011 Form 10-K. Recent Accounting Developments

For a discussion of recent accounting developments, see Part I, Item 1. “Financial Statements, Note 2 – Summary of Significant Policies” of this report.

Item 3. Quantitative and Qualitative Disclosures About Market Risk

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Commodity Price Risk

Our major commodity price risk exposure is to the prices received for our natural gas, oil and NGLs production. Our results of operations and operating cash flows are affected by changes in market prices. Realized commodity prices received for our production are the spot prices applicable to natural gas, oil and NGLs in the region produced. Prices received for natural gas, oil and NGLs are volatile and unpredictable and are beyond our control. To mitigate a portion of the exposure to adverse market changes, we have entered into various derivative instruments. For the three months ended March 31, 2012, a 10% change in the prices received for natural gas, oil and NGLs production would have had an approximate \$824,000 impact on our revenues prior to hedge transactions to mitigate our commodity pricing risk. See Part I, Item 1. “Financial Statements, Note 6 – Derivative Instruments and Hedging Activity” of this report for additional information regarding our hedging activities.

Interest Rate Risk

At March 31, 2012, we had \$35.0 million outstanding under the Revolving Credit Facility. Based on the amount outstanding under our Revolving Credit Facility at March 31, 2012, a one percentage point change in the interest rate would have had an \$88,000 impact on our interest expense, all of which would have been capitalized. We currently do not use interest rate derivatives to mitigate our exposure to the volatility in interest rates, including under the Revolving Credit Facility, as this risk is minimal.

Foreign Currency Exchange Risk

During 2009, we sold all of our Australian assets. As a result, all of our current and future revenues and capital expenditures and substantially all of our expenses are in U.S. dollars, thus limiting our exposure to foreign currency exchange risk.

Item 4. Controls and Procedures

Management’s Evaluation on the Effectiveness of Disclosure Controls and Procedures

Under the supervision and with the participation of our management, including the Chief Executive Officer and Chief Financial Officer of Parent and the President and Treasurer of Gastar USA, Parent and Gastar USA each conducted an evaluation of the effectiveness of the design and operation of its disclosure controls and procedures, as defined in Rules 13a-15(e) and 15d-15(e) under the Securities Exchange Act of 1934, as amended (“Exchange Act”), as of March 31, 2012. Based on that evaluation, the Chief Executive Officer and Chief Financial Officer of Parent and the President and Treasurer of Gastar USA concluded that, as of March 31, 2012, each company’s disclosure controls and procedures were effective in providing reasonable assurance that information required to be disclosed by us in the reports filed or submitted by us under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the SEC’s rules and forms, and that such information is accumulated and communicated to our management, including the Chief Executive Officer and Chief Financial Officer of Parent and the President and Treasurer of Gastar USA, as appropriate, to allow timely decisions regarding required disclosure.

There were no changes in our internal control over financial reporting (as defined in Rules 13a-15(f) and 15d-15(f) under the Exchange Act) that occurred during the fiscal quarter ended March 31, 2012 that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

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PART II. OTHER INFORMATION

Item 1. Legal Proceedings

A discussion of current legal proceedings is set forth in Part I, Item 1. "Financial Statements, Note 12 – Commitments and Contingencies" of this report.

Item 1A. Risk Factors

Information about material risks related to our business, financial condition and results of operations for the three months ended March 31, 2012 does not materially differ from that set out under Part I, Item 1A. "Risk Factors" in our 2011 Form 10-K. You should carefully consider the risk factors and other information discussed in our 2011 Form 10-K, as well as the information provided in this report. These risks are not the only risks facing our Company. Additional risks and uncertainties not currently known to us or that we currently deem to be immaterial also may materially adversely affect our business, financial condition, operating results and cash flows.

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

None.

Item 3. Defaults Upon Senior Securities

None.

Item 4. Mine Safety Disclosure

Not applicable.

Item 5. Other Information

None.

Item 6. Exhibits

The following is a list of exhibits filed or furnished (as indicated) as part of this report. Where so indicated by a note, exhibits which were previously filed are incorporated herein by reference.

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Exhibit Number	Description
3.1	Amended and Restated Articles of Incorporation of Gastar Exploration Ltd. (incorporated herein by reference to Exhibit 3.1 the Company's Amendment No. 1 to Registration Statement on Form S-1/A filed October 13, 2005, Registration No. 333-127498).
3.2	Amended Bylaws of Gastar Exploration Ltd. dated as of June 3, 2010 (incorporated herein by reference to Exhibit 3.1 of the Company's Current Report on Form 8-K dated June 4, 2010. File No. 001-32714).
3.3	Articles of Amendment and Share Structure attached to and forming part of the Amended and Restated Articles of Incorporation of Gastar Exploration Ltd, dated as of June 30, 2009. (incorporated by reference to Exhibit 3.1 of the Company's Current Report on Form 8-K dated July 1, 2009. File No. 001-32714).
3.4	Articles of Amendment attached to and forming part of the Amended and Restated Articles of Incorporation of Gastar Exploration Ltd, dated as of July 23, 2009 (incorporated by reference to Exhibit 3.1 of the Company's Current Report on Form 8-K dated July 24, 2009. File No. 001-32714).
3.5	Certificate of Incorporation of Gastar Exploration USA, Inc. (incorporated by reference to Exhibit 3.3 to Gastar Exploration USA, Inc.'s Registration Statement on Form S-3, dated May 27, 2011. Registration No. 333-174552).
3.6	Amended and Restated Bylaws of Gastar Exploration USA, Inc. (incorporated by reference to Exhibit 3.3 to Gastar Exploration USA, Inc.'s Registration Statement on Form S-3, dated May 27, 2011. Registration No. 333-174552).
3.7	Certificate of Designation of Rights and Preferences of 8.625% Series A Cumulative Preferred Stock (incorporated by reference to Exhibit 3.3 of Gastar Exploration USA, Inc.'s Form 8A filed on June 20, 2011).
10.1*	Second Amendment to Employment Agreement entered into by and between Gastar Exploration Ltd., Gastar Exploration USA, Inc. and Michael A. Gerlich as of April 10, 2012 (incorporated by reference to Exhibit 10.1 of the Company's Current Report on Form 8-K dated April 12, 2012. File No. 001-32714).
10.2*	First Amendment to Gastar Exploration Ltd. Employee Change of Control Severance Plan, dated April 11, 2012 (incorporated by reference to Exhibit 10.2 of the Company's Current Report on Form 8-K dated April 12, 2012. File No. 001-32714).
31.1†	Certification of Periodic Financial Reports by Chief Executive Officer of Gastar Exploration Ltd. in satisfaction of Section 302 of the Sarbanes-Oxley Act of 2002.
31.2†	Certification of Periodic Financial Reports by Chief Financial Officer of Gastar Exploration Ltd. in satisfaction of Section 302 of the Sarbanes-Oxley Act of 2002.
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Certification of Periodic Financial Reports by Treasurer of Gastar Exploration USA, Inc. in satisfaction of Section 302 of the Sarbanes-Oxley Act of 2002.

- 32.1†† Certification of Periodic Financial Reports by Chief Executive Officer of Gastar Exploration Ltd. in satisfaction of Section 906 of the Sarbanes-Oxley Act of 2002.
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- 101.INS†† XBRL Instance Document
- 101.SCH†† XBRL Taxonomy Extension Schema Document
- 101.CAL†† XBRL Taxonomy Extension Calculation Linkbase Document
- 101.DEF†† XBRL Taxonomy Extension Definition Linkbase Document
- 101.LAB†† XBRL Taxonomy Extension Label Linkbase Document
- 101.PRE†† XBRL Taxonomy Extension Presentation Linkbase Document



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\* Management contract or compensatory plan or arrangement.

† Filed herewith.

†† Furnished herewith.

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SIGNATURES

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

GASTAR EXPLORATION LTD.

Date: May 9, 2012

By: /S/ J. RUSSELL PORTER  
J. Russell Porter  
President and Chief Executive Officer  
(Duly authorized officer and principal executive officer)

Date: May 9, 2012

By: /S/ MICHAEL A. GERLICH  
Michael A. Gerlich  
Vice President and Chief Financial Officer  
(Duly authorized officer and principal financial and accounting officer)

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

GASTAR EXPLORATION USA, INC.

Date: May 9, 2012

By: /S/ J. RUSSELL PORTER  
J. Russell Porter  
President  
(Duly authorized officer and principal executive officer)

Date: May 9, 2012

By: /S/ MICHAEL A. GERLICH  
Michael A. Gerlich  
Secretary and Treasurer  
(Duly authorized officer and principal financial and accounting officer)

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EXHIBIT INDEX

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