

ARCH COAL INC  
Form 10-Q  
August 08, 2013  
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**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**  
WASHINGTON, DC 20549

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**FORM 10-Q**

(Mark One)

- Quarterly Report Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934**

For the quarterly period ended June 30, 2013

- 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: 1-13105

## Arch Coal, Inc.

(Exact name of registrant as specified in its charter)

**Delaware**

(State or other jurisdiction  
of incorporation or organization)

**43-0921172**

(I.R.S. Employer  
Identification Number)

**One CityPlace Drive, Suite 300, St. Louis, Missouri**  
(Address of principal executive offices)

**63141**  
(Zip code)

Registrant's telephone number, including area code: **(314) 994-2700**

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

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

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. (Check one):

Large accelerated filer   
Non-accelerated filer

(Do not check if a smaller reporting company)

Accelerated filer   
Smaller reporting company

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes  No

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At July 31, 2013 there were 212,240,999 shares of the registrant's common stock outstanding.

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Table of Contents**Part I****FINANCIAL INFORMATION****Item 1. Financial Statements.****Arch Coal, Inc. and Subsidiaries****Condensed Consolidated Statements of Operations**

(in thousands, except per share data)

	Three Months Ended June 30,		Six Months Ended June 30,	
	2013	2012	2013	2012
	(Unaudited)			
<b>Revenues</b>	\$ 766,332	\$ 965,685	\$ 1,503,702	\$ 1,925,922
<b>Costs, expenses and other</b>				
Cost of sales (exclusive of items shown separately below)	656,198	799,558	1,305,941	1,605,817
Depreciation, depletion and amortization	111,085	124,536	221,278	255,689
Amortization of acquired sales contracts, net	(2,209)	(4,451)	(5,019)	(18,468)
Change in fair value of coal derivatives and coal trading activities, net	(9,008)	(32,054)	(7,700)	(35,667)
Asset impairment and mine closure costs	20,482	525,583	20,482	525,583
Goodwill impairment		115,791		115,791
Selling, general and administrative expenses	34,302	35,178	67,511	66,039
Other operating income, net	(8,239)	(1,563)	(11,081)	(19,766)
	802,611	1,562,578	1,591,412	2,495,018
Loss from operations	(36,279)	(596,893)	(87,710)	(569,096)
<b>Interest expense, net:</b>				
Interest expense	(94,756)	(78,728)	(189,830)	(153,500)
Interest and investment income	1,216	1,088	4,052	2,109
	(93,540)	(77,640)	(185,778)	(151,391)
<b>Other nonoperating expense</b>				
Net loss resulting from early retirement and refinancing of debt		(19,042)		(19,042)
Loss from continuing operations before income taxes	(129,819)	(693,575)	(273,488)	(739,529)
Benefit from income taxes	(49,468)	(251,119)	(108,821)	(282,974)
Loss from continuing operations	(80,351)	(442,456)	(164,667)	(456,555)
Income from discontinued operations, net of tax	8,145	7,032	22,412	22,540
Net loss	(72,206)	(435,424)	(142,255)	(434,015)
Less: Net income attributable to noncontrolling interest		(65)		(268)
Net loss attributable to Arch Coal, Inc.	\$ (72,206)	\$ (435,489)	\$ (142,255)	\$ (434,283)
<b>Loss per common share</b>				
Loss from continuing operations				
Basic loss per common share	\$ (0.38)	\$ (2.09)	\$ (0.78)	\$ (2.15)
Diluted loss per common share	\$ (0.38)	\$ (2.09)	\$ (0.78)	\$ (2.15)

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Net income (loss) attributable to Arch Coal, Inc.					
Basic loss per common share	\$	(0.34)	\$	(2.05)	\$ (0.67) \$ (2.05)
Diluted loss per common share	\$	(0.34)	\$	(2.05)	\$ (0.67) \$ (2.05)
Weighted average shares outstanding					
Basic		212,082		212,048	212,072 211,868
Diluted		212,082		212,048	212,072 211,868
Dividends declared per common share	\$	0.03	\$	0.03	\$ 0.06 \$ 0.14

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

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## Arch Coal, Inc. and Subsidiaries

## Condensed Consolidated Statements of Comprehensive Income (Loss)

(in thousands)

	Three Months Ended June 30,		Six Months Ended June 30,	
	2013	2012	2013	2012
	(Unaudited)			
Net loss	\$ (72,206)	\$ (435,424)	\$ (142,255)	\$ (434,015)
Derivative instruments				
Comprehensive income (loss) before tax	(391)	738	(1,570)	11,025
Income tax benefit (provision)	143	(265)	568	(3,967)
	(248)	473	(1,002)	7,058
Pension, postretirement and other post-employment benefits				
Comprehensive income (loss) before tax	1,750	(5,600)	3,704	(4,876)
Income tax benefit (provision)	(630)	2,016	(1,333)	1,755
	1,120	(3,584)	2,371	(3,121)
Available-for-sale securities				
Comprehensive income before tax	4,959	97	6,512	491
Income tax provision	(1,788)	(35)	(2,347)	(177)
	3,171	62	4,165	314
Total other comprehensive income (loss)	4,043	(3,049)	5,534	4,251
Total comprehensive loss	\$ (68,163)	\$ (438,473)	\$ (136,721)	\$ (429,764)

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

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**Arch Coal, Inc. and Subsidiaries**  
**Condensed Consolidated Balance Sheets**  
(in thousands, except per share data)

	June 30, 2013	December 31, 2012
	(Unaudited)	
<b>Assets</b>		
<b>Current assets</b>		
Cash and cash equivalents	\$ 644,205	\$ 784,622
Restricted cash	1,085	3,453
Short term investments	248,464	234,305
Trade accounts receivable	264,692	247,539
Other receivables	71,846	84,541
Inventories	356,653	365,424
Prepaid royalties	8,970	11,416
Deferred income taxes	67,350	67,360
Coal derivative assets	31,261	22,975
Other	60,811	92,469
Total current assets	1,755,337	1,914,104
<b>Property, plant and equipment, net</b>	<b>7,231,221</b>	<b>7,337,098</b>
<b>Other assets:</b>		
Prepaid royalties	91,130	87,773
Goodwill	265,423	265,423
Equity investments	232,758	242,215
Other	154,860	160,164
Total other assets	744,171	755,575
Total assets	\$ 9,730,729	\$ 10,006,777
<b>Liabilities and Stockholders' Equity</b>		
<b>Current liabilities</b>		
Accounts payable	\$ 232,433	\$ 224,418
Coal derivative liabilities	542	1,737
Accrued expenses and other current liabilities	307,089	318,018
Current maturities of debt	23,842	32,896
Total current liabilities	563,906	577,069
Long-term debt	5,078,634	5,085,879
Asset retirement obligations	414,860	409,705
Accrued pension benefits	66,903	67,630
Accrued postretirement benefits other than pension	46,358	45,086
Accrued workers' compensation	79,004	81,629
Deferred income taxes	565,047	664,182
Other noncurrent liabilities	205,103	221,030
Total liabilities	7,019,815	7,152,210
<b>Stockholders' equity</b>		
Common stock, \$0.01 par value, authorized 260,000 shares, issued 213,753 and 213,759 shares at June 30, 2013 and December 31, 2012	2,141	2,141
Paid-in capital	3,032,626	3,026,823
Treasury stock, at cost	(53,848)	(53,848)
Accumulated deficit	(259,032)	(104,042)
Accumulated other comprehensive loss	(10,973)	(16,507)
Total stockholders' equity	2,710,914	2,854,567
Total liabilities and stockholders' equity	\$ 9,730,729	\$ 10,006,777



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

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## Arch Coal, Inc. and Subsidiaries

## Condensed Consolidated Statements of Cash Flows

(in thousands)

	Six Months Ended June 30,	
	2013	2012
	(Unaudited)	
<b>Operating activities</b>		
Net loss	\$ (142,255)	\$ (434,015)
Adjustments to reconcile net income (loss) to cash provided by operating activities:		
Depreciation, depletion and amortization	237,668	272,834
Amortization of acquired sales contracts, net	(5,019)	(18,468)
Amortization relating to financing activities	12,346	8,948
Prepaid royalties expensed	9,251	16,551
Employee stock-based compensation expense	5,804	7,014
Asset impairment and mine closure costs	20,482	501,942
Goodwill impairment		115,791
Net loss resulting from early retirement of debt and financing activities		19,042
Changes in:		
Receivables	(3,909)	52,291
Inventories	8,771	(80,199)
Coal derivative assets and liabilities	(11,122)	(37,985)
Accounts payable, accrued expenses and other current liabilities	(4,062)	(64,965)
Income taxes, net	(29)	22,869
Deferred income taxes	(102,172)	(272,094)
Other	26,291	(14,248)
Cash provided by operating activities	52,045	95,308
<b>Investing activities</b>		
Capital expenditures	(169,064)	(202,073)
Minimum royalty payments	(10,162)	(8,634)
Proceeds from dispositions of property, plant and equipment	5,080	22,551
Proceeds from sale-leaseback transactions	34,919	
Purchases of short term investments	(61,870)	
Proceeds from sales of short term investments	47,097	
Investments in and advances to affiliates	(8,142)	(9,292)
Change in restricted cash	2,368	4,582
Cash used in investing activities	(159,774)	(192,866)
<b>Financing activities</b>		
Proceeds from issuance of term loan		1,386,000
Payments on term note	(8,250)	
Payments to retire debt	(255)	(452,654)
Net decrease in borrowings under lines of credit		(391,300)
Net payments on other debt	(11,448)	(11,164)
Debt financing costs		(34,381)
Dividends paid	(12,735)	(29,696)
Proceeds from exercise of options under incentive plans		5,131
Cash provided by (used in) financing activities	(32,688)	471,936
Increase (decrease) in cash and cash equivalents	(140,417)	374,378
Cash and cash equivalents, beginning of period	784,622	138,149
Cash and cash equivalents, end of period	\$ 644,205	\$ 512,527

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

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**Arch Coal, Inc. and Subsidiaries**

**Notes to Condensed Consolidated Financial Statements**

**(unaudited)**

**1. Basis of Presentation**

The accompanying unaudited condensed consolidated financial statements include the accounts of Arch Coal, Inc. and its subsidiaries and controlled entities (the Company). The Company's primary business is the production of thermal and metallurgical coal from surface and underground mines located throughout the United States, for sale to utility, industrial and steel producers both in the United States and around the world. The Company currently operates mining complexes in West Virginia, Kentucky, Maryland, Virginia, Illinois, Wyoming, Colorado and Utah. In addition, the Company has a metallurgical coal mine in development in West Virginia. All subsidiaries are wholly-owned. Intercompany transactions and accounts have been eliminated in consolidation.

The Company has entered into an agreement to sell a subsidiary which operates three mining complexes in the Western Bituminous reportable segment (WBIT). The results of these mining complexes have been segregated from continuing operations and are reflected, net of tax, as discontinued operations in the condensed consolidating statements of operations for all periods presented. See further discussion in Note 3, Discontinued Operations.

On June 21, 2012, the Company announced the closing of four mining complexes and the temporary idling of a fifth complex, which resulted in closure costs and impairment charges of \$525.6 million, which are reflected on the line Asset impairment and mine closures costs on the condensed consolidated statements of operations.

The accompanying unaudited condensed consolidated financial statements have been prepared in accordance with accounting principles generally accepted in the United States for interim financial reporting and U.S. Securities and Exchange Commission regulations. In the opinion of management, all adjustments, consisting of normal, recurring accruals considered necessary for a fair presentation, have been included. Results of operations for the three and six month periods ended June 30, 2013 are not necessarily indicative of results to be expected for the year ending December 31, 2013. These financial statements should be read in conjunction with the audited financial statements and related notes as of and for the year ended December 31, 2012 included in the Company's Annual Report on Form 10-K filed with the U.S. Securities and Exchange Commission.

**2. Accounting Policies**

There is no new accounting guidance that is expected to have a significant impact on the Company's financial statements.

**3. Discontinued Operations**

As part of a strategy to divest its non-core thermal coal assets, the Company entered into a definitive agreement on June 27, 2013 to sell Canyon Fuel Company, LLC (Canyon Fuel), to Bowie Resources, LLC. Canyon Fuel operates two longwall mining complexes and a continuous miner operation in Utah. The purchase price is \$435.0 million in cash, subject to customary adjustments for working capital and other items. The transaction is expected to close during the third quarter of 2013.

The following table summarizes the results of discontinued operations:

	Three Months Ended June 30,		Six Months Ended June 30,	
	2013	2012	2013	2012
	(In thousands)			
Total Revenues	\$ 85,107	\$ 97,853	\$ 173,239	\$ 177,267
Income from discontinued operations before income taxes	\$ 9,748	\$ 7,909	\$ 28,737	\$ 34,193
Income tax expense	(1,603)	(877)	(6,325)	(11,653)
Income from discontinued operations, net of income taxes	\$ 8,145	\$ 7,032	\$ 22,412	\$ 22,540
Basic earnings per common share from discontinued operations	\$ 0.04	\$ 0.04	\$ 0.11	\$ 0.10
Diluted earnings per common share from discontinued operations	\$ 0.04	\$ 0.04	\$ 0.11	\$ 0.10

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The following table summarizes the assets held for sale and the liabilities held for sale, as classified in the Company's condensed consolidated balance sheets:

	June 30, 2013	December 31, 2012
(In thousands)		
<b>Assets:</b>		
Current assets	\$ 59,604	\$ 61,281
Property, plant and equipment, net	269,303	280,400
Other assets	5,198	5,333
<b>Total assets held for sale</b>	<b>\$ 334,105</b>	<b>\$ 347,014</b>
<b>Liabilities:</b>		
Current liabilities	\$ 28,111	\$ 24,763
Noncurrent liabilities	36,197	35,221
<b>Total liabilities held for sale</b>	<b>\$ 64,308</b>	<b>\$ 59,984</b>

**4. Accumulated Other Comprehensive Loss**

Other comprehensive loss includes transactions recorded in stockholders' equity during the year, excluding net income and transactions with stockholders. In February 2013, the FASB issued ASU 2013-02, *Reporting of Amounts Reclassified Out of Accumulated Other Comprehensive Income*. The standard requires that companies present, either parenthetically on the face of the financial statements or in a single note, the effect of significant amounts reclassified from each component of accumulated other comprehensive income and the income statement line items affected by the reclassification. The Company adopted the provisions of the new guidance in the first quarter of 2013.

The following items are included in accumulated other comprehensive loss:

	Derivative Instruments	Pension, Postretirement and Other Post- Employment Benefits	Available-for- Sale Securities	Accumulated Other Comprehensive Loss
(In thousands)				
Balance at December 31, 2012	\$ 2,244	\$ (18,286)	\$ (465)	\$ (16,507)
Unrealized gains (losses)	(106)		3,967	3,861
Amounts reclassified from accumulated other comprehensive income	(896)	2,371	198	1,673
<b>Balance at June 30, 2013</b>	<b>\$ 1,242</b>	<b>\$ (15,915)</b>	<b>\$ 3,700</b>	<b>\$ (10,973)</b>

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The following items were reclassified out of accumulated other comprehensive loss during the six months ended June 30, 2013:

Details about accumulated other comprehensive income components	Amount Reclassified from Accumulated Other Comprehensive Loss (In thousands)	Line Item in the Condensed Consolidated Statement of Operations
Derivative instruments	\$	1,401
		(505)
	\$	896
		Revenues
		Benefit from income taxes
		Net of tax
Pension, postretirement and other post-employment benefits		
Amortization of prior service credits	\$	5,581 (1)
Amortization of actuarial gains (losses), net		(9,285) (1)
		(3,704) Total before tax
		1,333 Benefit from income taxes
	\$	(2,371) Net of tax
Available-for-sale securities	\$	(309) Interest and investment income
		111 Benefit from income taxes
	\$	(198) Net of tax

(1) Production-related benefits and workers' compensation costs are included in costs to produce coal. See Note 13, "Workers' Compensation Expense" and Note 14 "Employee Benefit Plans" for more information about pension, postretirement and postemployment benefit costs.

### 5. Inventories

Inventories consist of the following:

	June 30 2013	December 31 2012
	(In thousands)	
Coal	\$ 177,238	\$ 180,917
Repair parts and supplies	163,631	172,139
Work-in-process	15,784	12,368
	\$ 356,653	\$ 365,424

The repair parts and supplies are stated net of an allowance for slow-moving and obsolete inventories of \$13.8 million at June 30, 2013 and \$13.6 million at December 31, 2012.

### 6. Investments in Available-for-Sale Securities

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The Company has invested in marketable debt securities, primarily highly liquid AA - rated corporate bonds and U.S. government and government agency securities. These investments are held in the custody of a major financial institution. These securities, along with the Company's investments in marketable equity securities, are classified as available-for-sale securities and, accordingly, the unrealized gains and losses are recorded through other comprehensive income.



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The Company's investments in available-for-sale marketable securities are as follows:

	June 30, 2013						
	Cost Basis	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value	Balance Sheet Classification		Other Assets
					Short-Term Investments		
(In thousands)							
Available-for-sale:							
U.S. government and agency securities	\$ 126,193	\$	\$ (459)	\$ 125,734	\$ 125,734	\$	
Corporate notes and bonds	123,692		(962)	122,730	122,730		
Equity securities	5,271	10,108	(2,907)	12,472			12,472
Total Investments	\$ 255,156	\$ 10,108	\$ (4,328)	\$ 260,936	\$ 248,464	\$	12,472

	December 31, 2012						
	Cost Basis	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value	Balance Sheet Classification		Other Assets
					Short-Term Investments		
(In thousands)							
Available-for-sale:							
U.S. government and agency securities	\$ 146,993	\$ 2	\$ (412)	\$ 146,583	\$ 146,583	\$	
Corporate notes and bonds	88,118		(396)	87,722	87,722		
Equity securities	5,271	2,704	(2,628)	5,347			5,347
Total Investments	\$ 240,382	\$ 2,706	\$ (3,436)	\$ 239,652	\$ 234,305	\$	5,347

The aggregate fair value of investments with unrealized losses that have been owned for less than a year was \$248.5 million and \$223.3 million at June 30, 2013 and December 31, 2012, respectively. The aggregate fair value of investments with unrealized losses that have been owned for over a year was \$0.1 million and \$0.4 million at June 30, 2013 and December 31, 2012, respectively.

The debt securities outstanding at June 30, 2013 have maturity dates ranging from the third quarter of 2013 through the fourth quarter of 2014. The Company classifies its investments as current based on the nature of the investments and their availability for use in current operations.

**7. Equity Method Investments and Membership Interests in Joint Ventures**

The Company accounts for its investments and membership interests in joint ventures under the equity method of accounting if the Company has the ability to exercise significant influence, but not control, over the entity. Below are the equity method investments reflected in the condensed consolidated balance sheets:

In thousands	Knights Hawk	DKRW	DTA	Tenaska	Millennium	Tongue River	Total
Balance at December 31, 2012	\$ 149,063	\$ 15,515	\$ 15,462	\$ 15,264	\$ 32,214	\$ 14,697	\$ 242,215

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Advances to affiliates, net	(3,713)		1,944		3,441	1,821	3,493
Equity in comprehensive income (loss)	7,812	(1,241)	(2,629)		(1,347)	(281)	2,314
Impairment of equity investment				(15,264)			(15,264)
Balance at June 30, 2013	\$ 153,162	\$ 14,274	\$ 14,777	\$	\$ 34,308	\$ 16,237	\$ 232,758
<b>Notes receivable from investees:</b>							
Balance at December 31, 2012	\$	\$ 38,680	\$	\$ 5,148	\$	\$	\$ 43,828
Balance at June 30, 2013	\$	\$ 42,501	\$	\$	\$	\$	\$ 42,501

Equity method investments are reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount of the investments may not be recoverable. Certain of our investments are in development stage companies

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whose success depends on factors including receipt of permits and other regulatory environment issues, the ability of the investee companies to raise additional funds in financial markets that can be volatile, and other key business factors.

During the second quarter, Tenaska Trailblazer Partners, LLC ( Tenaska ) announced that it was discontinuing its development plans for the Trailblazer Energy Center in Texas. As a result, the Company recorded a \$20.5 million impairment charge, which consisted of its 35% equity investment of \$15.3 million and a \$5.2 million receivable balance related to reimbursements for development work. The impairment is included in the line Asset impairment and mine closure costs on the condensed consolidated statement of operations.

The Company may be required to make future contingent payments of up to \$58.5 million related to development financing for certain of its equity investees. The Company's obligation to make these payments, as well as the timing of any payments required, is contingent upon the achievement of project development milestones, which can be affected by the factors named above.

## **8. Derivatives**

### *Diesel fuel price risk management*

The Company is exposed to price risk with respect to diesel fuel purchased for use in its operations. The Company anticipates purchasing approximately 57 to 67 million gallons of diesel fuel for use in its operations during 2013. To protect the Company's cash flows from increases in the price of diesel fuel for its operations, the Company uses forward physical diesel purchase contracts and purchased heating oil call options. At June 30, 2013, the Company had protected the price of approximately 94% of its expected purchases for the remainder of 2013 and 73% of its 2014 purchases. At June 30, 2013, the Company had purchased heating oil call options for approximately 74 million gallons for the purpose of managing the price risk associated with future diesel purchases.

The Company has also purchased heating oil call options to manage the price risk associated with fuel surcharges on its barge and rail shipments, which cover increases in diesel fuel prices for the respective carriers. At June 30, 2013, the Company had protected 47% of its expected 2013 diesel fuel usage and 26% of its expected first quarter of 2014 diesel fuel usage on shipments subject to fuel surcharges. The Company held purchased heating oil call options for 4 million gallons for the purpose of managing the fluctuations in cash flows associated with fuel surcharges on future shipments.

These positions reduce the Company's risk of cash flow fluctuations related to these surcharges but the positions are not accounted for as hedges.

### *Coal risk management positions*

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The Company may sell or purchase forward contracts, swaps and options in the over-the-counter coal market in order to manage its exposure to coal prices. The Company has exposure to the risk of fluctuating coal prices related to forecasted sales or purchases of coal or to the risk of changes in the fair value of a fixed price physical sales contract. Certain derivative contracts may be designated as hedges of these risks.

At June 30, 2013, the Company held derivatives for risk management purposes that are expected to settle in the following years:

(Tons in thousands)	2013	2014	2015	Total
Coal sales	\$ 4,449	\$ 4,458	\$ 780	\$ 9,687
Coal purchases	723	1,260		1,983

### *Coal trading positions*

The Company may sell or purchase forward contracts, swaps and options in the over-the-counter coal market for trading purposes. The Company is exposed to the risk of changes in coal prices on the value of its coal trading portfolio. The estimated future realization of the value of the trading portfolio is \$0.4 million of gains in the remainder of 2013 and \$5.9 million of gains in 2014.

### *Tabular derivatives disclosures*

The Company has master netting agreements with all of its counterparties which allow for the settlement of contracts in an asset position with contracts in a liability position in the event of default or termination. Such netting arrangements reduce

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the Company's credit exposure related to these counterparties. For classification purposes, the Company records the net fair value of all the positions with a given counterparty as a net asset or liability in the condensed consolidated balance sheets. The amounts shown in the table below represent the fair value position of individual contracts, and not the net position presented in the accompanying condensed consolidated balance sheets. The fair value and location of derivatives reflected in the accompanying condensed consolidated balance sheets are as follows:

Fair Value of Derivatives (In thousands)	June 30, 2013		December 31, 2012	
	Asset Derivative	Liability Derivative	Asset Derivative	Liability Derivative
<b>Derivatives Designated as Hedging Instruments</b>				
Coal	\$ 2,298	\$ (539)	\$ 3,277	\$ (10)
<b>Derivatives Not Designated as Hedging Instruments</b>				
Heating oil - diesel purchases	3,475		7,379	
Heating oil - fuel surcharges	117		1,961	
Coal - held for trading purposes	63,794	(57,506)	17,403	(16,933)
Coal - risk management	25,767	(3,095)	24,843	(7,342)
Total	93,153	(60,601)	51,586	(24,275)
Total derivatives	95,451	(61,140)	54,863	(24,285)
Effect of counterparty netting	(60,598)	60,598	(22,548)	22,548
<b>Net derivatives as classified in the balance sheets</b>	\$ 34,853	\$ (542)	\$ 34,311	\$ (1,737)
			\$ 30,578	

	June 30, 2013	December 31, 2012
<b>Net derivatives as reflected on the balance sheets</b>		
<b>Heating oil</b>		
Other current assets	\$ 3,592	\$ 9,340
<b>Coal</b>		
Coal derivative assets	31,261	22,975
Coal derivative liabilities	(542)	(1,737)
	\$ 34,311	\$ 30,578

The Company had a current asset for the right to reclaim cash collateral of \$4.7 million and \$16.2 million at June 30, 2013 and December 31, 2012, respectively. These amounts are not included with the derivatives presented in the table above and are included in "other current assets" in the accompanying condensed consolidated balance sheets.

The effects of derivatives on measures of financial performance are as follows:

**Derivatives used in Cash Flow Hedging Relationships (in thousands)**

For the three months ended June 30,

Gain (Loss) Recognized in Other  
Comprehensive  
Income (Effective Portion)

Gains (Losses) Reclassified from  
Other Comprehensive Income into

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	2013		2012		Income (Effective Portion)		2012	
Coal sales (1)	\$	(648)	\$	2,231	\$	689	\$	809
Coal purchases (2)		613		(742)		(148)		
Totals	\$	(35)	\$	1,489	\$	541	\$	809

No ineffectiveness or amounts excluded from effectiveness testing relating to the Company's cash flow hedging relationships were recognized in the results of operations in the three month periods ended June 30, 2013 and 2012.

Table of Contents**Derivatives Not Designated as Hedging Instruments (in thousands)**

For the three months ended June 30,

		Gain (Loss) Recognized	
		2013	2012
Coal unrealized (3)	\$	4,109	\$ 27,446
Coal realized (4)	\$	6,579	\$ 8,671
Heating oil diesel purchases (4)	\$	(5,211)	\$ (22,509)
Heating oil fuel surcharges (4)	\$	(30)	\$ (2,599)

**Location in statement of operations:**

- (1) Revenues
- (2) Cost of sales
- (3) Change in fair value of coal derivatives and coal trading activities, net
- (4) Other operating income, net

**Derivatives used in Cash Flow Hedging Relationships (in thousands)**

For the six months ended June 30

	Gain (Loss) Recognized in Other Comprehensive Income (Effective Portion)				Gains (Losses) Reclassified from Other Comprehensive Income into Income (Effective Portion)			
	2013		2012		2013		2012	
	\$		\$		\$		\$	
Coal sales (1)	\$	(824)	\$	4,724	\$	1,911	\$	1,010
Coal purchases (2)		431		(944)		(510)		
Totals	\$	(393)	\$	3,780	\$	1,401	\$	1,010

No ineffectiveness or amounts excluded from effectiveness testing relating to the Company's cash flow hedging relationships were recognized in the results of operations in the six month periods ended June 30, 2013 and 2012.

**Derivatives Not Designated as Hedging Instruments (in thousands)**

For the six months ended June 30

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	Gain (Loss) Recognized			
		2013		2012
Coal unrealized (3)	\$	5,579	\$	34,998
Coal realized (4)	\$	15,796	\$	11,829
Heating oil diesel purchases (4)	\$	(9,472)	\$	(22,086)
Heating oil fuel surcharges (4)	\$	(595)	\$	(2,232)

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**Location in statement of operations:**

- (1) Revenues
- (2) Cost of sales
- (3) Change in fair value of coal derivatives and coal trading activities, net
- (4) Other operating income, net

The Company recognized net unrealized and realized gains of \$4.9 million and \$4.6 million during the three months ended June 30, 2013 and 2012, respectively, related to its trading portfolio. The Company recognized net unrealized and realized gains of \$2.1 million and \$0.7 million during the six months ended June 30, 2013 and 2012, respectively, related to its trading portfolio, which are included in the caption *Change in fair value of coal derivatives and coal trading activities, net* in the accompanying condensed consolidated statements of operations, and are not included in the previous tables reflecting the effects of derivatives on measures of financial performance.

Based on fair values at June 30, 2013, gains on derivative contracts designated as hedge instruments in cash flow hedges of approximately \$1.6 million are expected to be reclassified from other comprehensive income into earnings during the next twelve months.



Table of Contents**9. Debt**

	June 30, 2013	December 31, 2012
	(In thousands)	
Term loan (\$1.63 billion face value) due 2018	\$ 1,620,526	\$ 1,627,384
8.75% senior notes (\$600.0 million face value) due 2016	592,084	590,999
7.00% senior notes due 2019 at par	1,000,000	1,000,000
9.875% senior notes (\$375.0 million face value) due 2019	361,200	360,042
7.25% senior notes due 2020 at par	500,000	500,000
7.25% senior notes due 2021 at par	1,000,000	1,000,000
Other	28,666	40,350
	5,102,476	5,118,775
Less current maturities of debt	23,842	32,896
Long-term debt	\$ 5,078,634	\$ 5,085,879

At June 30, 2013, the available borrowing capacity under the Company's lines of credit was approximately \$245.8 million.

**10. Fair Value Measurements**

The hierarchy of fair value measurements assigns a level to fair value measurements based on the inputs used in the respective valuation techniques. The levels of the hierarchy, as defined below, give the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities and the lowest priority to unobservable inputs.

- Level 1 is defined as observable inputs such as quoted prices in active markets for identical assets. Level 1 assets include available-for-sale equity securities, U.S. Treasury securities, and coal futures that are submitted for clearing on the New York Mercantile Exchange.
- Level 2 is defined as observable inputs other than Level 1 prices. These include quoted prices for similar assets or liabilities in an active market, quoted prices for identical assets and liabilities in markets that are not active, or other inputs that are observable or can be corroborated by observable market data for substantially the full term of the assets or liabilities. The Company's level 2 assets and liabilities include U.S. government agency securities and commodity contracts (coal and heating oil) with fair values derived from quoted prices in over-the-counter markets or from prices received from direct broker quotes.
- Level 3 is defined as unobservable inputs in which little or no market data exists, therefore requiring an entity to develop its own assumptions. These include the Company's commodity option contracts (coal and heating oil) valued using modeling techniques, such as Black-Scholes, that require the use of inputs, particularly volatility, that are rarely observable. Changes in the unobservable inputs would not have a significant impact on the reported Level 3 fair values at June 30, 2013.

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The table below sets forth, by level, the Company's financial assets and liabilities that are recorded at fair value in the accompanying condensed consolidated balance sheet:

	Total	Fair Value at June 30, 2013		
		Level 1	Level 2	Level 3
(In thousands)				
<b>Assets:</b>				
Investments in marketable securities	\$ 260,936	\$ 94,036	\$ 166,900	\$
Derivatives	34,853	30,959		3,894
<b>Total assets</b>	<b>\$ 295,789</b>	<b>\$ 124,995</b>	<b>\$ 166,900</b>	<b>\$ 3,894</b>
<b>Liabilities:</b>				
Derivatives	\$ 542	\$	\$ 86	\$ 456

The Company's contracts with its counterparties allow for the settlement of contracts in an asset position with contracts in a liability position in the event of default or termination. For classification purposes, the Company records the net fair value of all the positions with these counterparties as a net asset or liability. Each level in the table above displays the underlying contracts according to their classification in the accompanying condensed consolidated balance sheet, based on this counterparty netting.

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The following table summarizes the change in the fair values of financial instruments categorized as level 3.

	Three Months Ended June 30, 2013	(In thousands)		Six Months Ended June 30, 2013
Balance, beginning of period	\$	5,642	\$	8,174
Realized and unrealized losses recognized in earnings, net		(4,840)		(9,312)
Realized and unrealized losses recognized in other comprehensive income, net				
Purchases		2,636		5,853
Issuances				(25)
Settlements				(1,252)
Ending balance	\$	3,438	\$	3,438

Net unrealized losses during the three and six month periods ended June 30, 2013 related to level 3 financial instruments held on June 30, 2013 were \$4.1 million and \$6.9 million, respectively.

### *Fair Value of Long-Term Debt*

At June 30, 2013 and December 31, 2012, the fair value of the Company's debt, including amounts classified as current, was \$4.7 billion and \$5.0 billion, respectively. Fair values are based upon observed prices in an active market, when available, or from valuation models using market information, which fall into Level 2 in the fair value hierarchy.

### **11. Accrued Expenses and Other Current Liabilities**

Accrued expenses and other current liabilities consist of the following:

	June 30, 2013	(In thousands)		December 31, 2012
Payroll and employee benefits	\$	62,890	\$	72,405
Taxes other than income taxes		119,018		121,029
Interest		40,150		42,413
Acquired sales contracts		15,550		14,038
Workers' compensation		14,033		10,371
Asset retirement obligations		38,919		38,920
Other		16,529		18,842
	\$	307,089	\$	318,018

### **12. Stock-Based Compensation and Other Incentive Plans**

The Company granted options to purchase approximately 2.0 million shares of common stock during the six months ended June 30, 2013. The weighted average exercise price of the options was \$5.23 per share and the weighted average grant-date fair value was \$2.38 per share. The options' fair value was determined using the Black-Scholes option pricing model, using a weighted average risk-free rate of 0.648%, a weighted average dividend yield of 2.29% and a weighted average volatility of 66.76%. The options' expected life is 4.5 years and the options vest ratably over three years and provide for the continuation of vesting after retirement for recipients that meet certain criteria. The expense for these options will be recognized through the date that the employee first becomes eligible to retire and is no longer required to provide service to earn all or part of the award.

During the six months ended June 30, 2013, the Company also granted restricted stock units totaling 974,500 shares whose grant date fair value at the time of grant was \$5.23. The shares vest at the end of three years.

The Company has a long-term incentive program that allows for the award of performance units. The total number of units earned by a participant is based on financial and operational performance measures, and may be paid out in cash or in shares of the Company's common stock. The Company recognizes compensation expense over the three-year term of the grant. Amounts accrued and unpaid for all grants under the plan totaled \$12.7 million and \$13.1 million as of June 30, 2013 and December 31, 2012, respectively.

Table of Contents**13. Workers Compensation Expense**

The following table details the components of workers compensation expense:

	Three Months Ended June 30,		Six Months Ended June 30,	
	2013	2012	2013	2012
	(In thousands)			
Service cost	\$ 505	\$ 71	\$ 1,010	\$ 1,039
Interest cost	657	399	1,313	1,079
Net amortization	235	(851)	469	(574)
Curtailments		1,933		1,933
Total occupational disease	1,397	1,552	2,792	3,477
Traumatic injury claims and assessments	4,791	6,423	12,149	11,599
Total workers compensation expense	\$ 6,188	\$ 7,975	\$ 14,941	\$ 15,076

**14. Employee Benefit Plans**

The following table details the components of pension benefit costs (credits):

	Three Months Ended June 30,		Six Months Ended June 30,	
	2013	2012	2013	2012
	(In thousands)			
Service cost	\$ 6,790	\$ 7,310	\$ 14,490	\$ 14,906
Interest cost	3,876	4,092	7,802	8,072
Curtailments		324		324
Expected return on plan assets	(6,036)	(5,477)	(11,842)	(11,015)
Amortization of prior service costs (credits)	57	(37)	(101)	(73)
Amortization of other actuarial losses	4,264	4,200	8,814	7,771
Net benefit cost	\$ 8,951	\$ 10,412	\$ 19,163	\$ 19,985

The following table details the components of other postretirement benefit costs (credits):

	Three Months Ended June 30,		Six Months Ended June 30,	
	2013	2012	2013	2012
	(In thousands)			
Service cost	\$ 538	\$ 539	\$ 1,094	\$ 1,088
Interest cost	415	520	846	1,011
Curtailments		(1,837)		(1,837)
Amortization of prior service credits	(2,730)	(2,876)	(5,480)	(5,871)
Amortization of other actuarial losses (gains)	(75)	(171)	2	(261)
Net benefit credit	\$ (1,852)	\$ (3,825)	\$ (3,538)	\$ (5,870)

**15. Earnings (Loss) Per Common Share**

The effect of options, restricted stock and restricted stock units equaling 7.0 million and 5.3 million shares of common stock were excluded from the calculation of diluted weighted average shares outstanding for the three month periods ended June 30, 2013 and 2012, respectively, and 8.4 million and 4.5 million shares for the six month periods ending June 30, 2013 and 2012 respectively, because the exercise price or grant price of the securities exceeded the average market price of the Company's common stock for these periods. The weighted average share impact of options, restricted stock and restricted stock units that were excluded from the calculation of weighted average shares due to the Company's incurring a net loss for the three and six month periods ended June 30, 2013 and 2012 were not significant.

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**16. Commitments and Contingencies**

The Company accrues for cost related to contingencies when a loss is probable and the amount is reasonably determinable. Disclosure of contingencies is included in the financial statements when it is at least reasonably possible that a material loss or an additional material loss in excess of amounts already accrued may be incurred.

Allegheny Energy Supply ( Allegheny ), the sole customer of coal produced at the Company's subsidiary Wolf Run Mining Company's ( Wolf Run ) Sycamore No. 2 mine, filed a lawsuit against Wolf Run, Hunter Ridge Holdings, Inc. ( Hunter Ridge ), and ICG in state court in Allegheny County, Pennsylvania on December 28, 2006, and amended its complaint on April 23, 2007. Allegheny claimed that Wolf Run breached a coal supply contract when it declared force majeure under the contract upon idling the Sycamore No. 2 mine in the third quarter of 2006, and that Wolf Run continued to breach the contract by failing to ship in volumes referenced in the contract. The Sycamore No. 2 mine was idled after encountering adverse geologic conditions and abandoned gas wells that were previously unidentified and unmapped.

After extensive searching for gas wells and rehabilitation of the mine, it was re-opened in 2007, but with notice to Allegheny that it would necessarily operate at reduced volumes in order to safely and effectively avoid the many gas wells within the reserve. The amended complaint also alleged that the production stoppages constitute a breach of the guarantee agreement by Hunter Ridge and breach of certain representations made upon entering into the contract in early 2005. Allegheny voluntarily dropped the breach of representation claims later. Allegheny claimed that it would incur costs in excess of \$100 million to purchase replacement coal over the life of the contract. ICG, Wolf Run and Hunter Ridge answered the amended complaint on August 13, 2007, disputing all of the remaining claims.

On November 3, 2008, ICG, Wolf Run and Hunter Ridge filed an amended answer and counterclaim against the plaintiffs seeking to void the coal supply agreement due to, among other things, fraudulent inducement and conspiracy. On September 23, 2009, Allegheny filed a second amended complaint alleging several alternative theories of liability in its effort to extend contractual liability to ICG, which was not a party to the original contract and did not exist at the time Wolf Run and Allegheny entered into the contract. No new substantive claims were asserted. ICG answered the second amended complaint on October 13, 2009, denying all of the new claims. The Company's counterclaim was dismissed on motion for summary judgment entered on May 11, 2010. Allegheny's claims against ICG were also dismissed by summary judgment, but the claims against Wolf Run and Hunter Ridge were not. The court conducted a non-jury trial of this matter beginning on January 10, 2011 and concluding on February 1, 2011.

At the trial, Allegheny presented its evidence for breach of contract and claimed that it is entitled to past and future damages in the aggregate of between \$228 million and \$377 million. Wolf Run and Hunter Ridge presented their defense of the claims, including evidence with respect to the existence of force majeure conditions and excuse under the contract and applicable law. Wolf Run and Hunter Ridge presented evidence that Allegheny's damages calculations were significantly inflated because it did not seek to determine damages as of the time of the breach and in some instances artificially assumed future nondelivery or did not take into account the apparent requirement to supply coal in the future. On May 2, 2011, the trial court entered a Memorandum and Verdict determining that Wolf Run had breached the coal supply contract and that the performance shortfall was not excused by force majeure. The trial court awarded total damages and interest in the amount of \$104.1 million, which consisted of \$13.8 million for past damages, and \$90.3 million for future damages. ICG and Allegheny filed post-verdict motions in the trial court and on August 23, 2011, the court denied the parties' motions. The court entered a final judgment on August 25, 2011, in the amount of \$104.1 million, which included pre-judgment interest.

The parties appealed the lower court's decision to the Superior Court of Pennsylvania. On August 13, 2012, the Superior Court of Pennsylvania affirmed the award of past damages, but ruled that the lower court should have calculated future damages as of the date of breach, and remanded

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the matter back to the lower court with instructions to recalculate that portion of the award. On November 19, 2012, Allegheny filed a Petition for Allowance of Appeal with the Supreme Court of Pennsylvania and Wolf Run and Hunter Ridge filed an Answer. On July 2, 2013, the Supreme Court of Pennsylvania denied the Petition of Allowance. As this action finalized the past damage award, Wolf Run paid \$15.6 million for the past damage amount, including interest, to Allegheny in July 2013. The future damage award is now back before the lower court, but no hearing dates have been set at this time.

In addition, the Company is a party to numerous claims and lawsuits with respect to various matters. As of June 30, 2013 and December 31, 2012, the Company had accrued \$32.7 million and \$32.8 million, respectively, for all legal matters, including \$3.6 million and \$4.4 million, respectively, classified as current. The ultimate resolution of any such legal matter could result in outcomes which may be materially different from amounts the Company has accrued for such matters.



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**17. Segment Information**

The Company has three reportable business segments, which are based on the major coal producing basins in which the Company operates. Each of these reportable business segments includes a number of mine complexes. The Company manages its coal sales by coal basin, not by individual mine complex. Geology, coal transportation routes to customers, regulatory environments and coal quality or type are characteristic to a basin. Accordingly, market and contract pricing have developed by coal basin. Mine operations are evaluated based on their per-ton operating costs (defined as including all mining costs but excluding pass-through transportation expenses), as well as on other non-financial measures, such as safety and environmental performance. The Company's reportable segments are the Powder River Basin (PRB) segment, with operations in Wyoming; the WBIT segment, with operations in Utah and Colorado; the Appalachia (APP) segment, with operations in West Virginia, Kentucky, Maryland and Virginia. The Other operating segment includes primarily the Company's Illinois operations and ADDCAR subsidiary, which manufactures and sells its patented highwall mining system.

Operating segment results for the three and six months ended June 30, 2013 and 2012 are presented below. Results for the reportable segments include all direct costs of mining, including all depreciation, depletion and amortization related to the mining operations, even if the assets are not recorded at the operating segment level. Corporate, Other and Eliminations includes these charges, as well as the change in fair value of coal derivatives and coal trading activities, net; corporate overhead; land management; other support functions; and the elimination of intercompany transactions. The operating segment results for the WBIT segment for all periods presented reflect only continuing operations, since Canyon Fuel results are classified as discontinued operations in the condensed consolidated statement of operations.

The asset amounts below represent an allocation of assets consistent with the basis used for the Company's incentive compensation plans. The amounts in Corporate, Other and Eliminations represent primarily corporate assets (cash, receivables, investments, plant, property and equipment) as well as unassigned coal reserves, above-market acquired sales contracts and other unassigned assets. Goodwill is allocated to the respective reporting units, even though it may not be reflected in the subsidiaries' financial statements. Asset balances for the WBIT segment include assets held for sale. Prior year asset amounts have been restated to reflect a change in how certain unassigned coal reserves and goodwill amounts are presented.

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	PRB	APP	WBIT (in thousands)	Other Operating Segments	Corporate, Other and Eliminations	Consolidated
<b>Three months ended June 30, 2013</b>						
Revenues	\$ 353,425	\$ 337,678	\$ 41,840	\$ 33,389	\$	\$ 766,332
Income (loss) from operations	16,798	(5,238)	12,140	1,167	(61,146)	(36,279)
Depreciation, depletion and amortization	42,147	56,006	8,396	2,660	1,876	111,085
Amortization of acquired sales contracts, net	(941)	(2,812)		1,544		(2,209)
Asset impairment and mine closure costs					20,482	20,482
Capital expenditures	1,819	43,470	5,786	3,031	60,436	114,542
<b>Three months ended June 30, 2012</b>						
Revenues	\$ 322,512	\$ 504,309	\$ 101,699	\$ 37,165	\$	\$ 965,685
Income (loss) from operations	22,747	(493,093)	5,870	1,291	(133,708)	(596,893)
Depreciation, depletion and amortization	37,131	73,176	10,122	3,423	684	124,536
Amortization of acquired sales contracts, net	31	(4,859)		377		(4,451)
Asset impairment and mine closure costs		525,916		(227)	(106)	525,583
Capital expenditures	5,793	78,102	14,114	(1,131)	11,924	108,802
<b>Six months ended June 30, 2013</b>						
Revenues	\$ 715,371	\$ 620,296	\$ 109,352	\$ 58,683	\$	\$ 1,503,702
Income (loss) from operations	32,550	(32,395)	14,480	(407)	(101,938)	(87,710)
Depreciation, depletion and amortization	84,374	111,337	17,092	5,269	3,206	221,278
Amortization of acquired sales contracts, net	(2,140)	(5,284)		2,405		(5,019)
Asset impairment and mine closure costs					20,482	20,482
Total assets	1,954,828	4,264,500	651,884	154,354	2,705,163	9,730,729
Capital expenditures	3,976	92,766	7,288	3,513	61,521	169,064
<b>Six months ended June 30, 2012</b>						
Revenues	\$ 723,689	\$ 973,367	\$ 166,844	\$ 62,022	\$	\$ 1,925,922
Income (loss) from operations	55,290	(477,258)	10,827	(2,459)	(155,496)	(569,096)
Depreciation, depletion and amortization	78,354	149,193	19,909	7,110	1,123	255,689
Amortization of acquired sales contracts, net	(785)	(17,947)		264		(18,468)
Asset impairment and mine closure costs		525,916		(227)	(106)	525,583
Total assets	2,044,743	4,154,871	715,362	170,446	2,868,516	9,953,938
Capital expenditures	9,779	144,405	29,251	4,513	14,125	202,073

A reconciliation of segment income (loss) from operations to consolidated loss before income taxes follows:

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	Three Months Ended June 30,		Six Months Ended June 30,	
	2013	2012	2013	2012
	(In thousands)			
Loss from operations	\$ (36,279)	\$ (596,893)	\$ (87,710)	\$ (569,096)
Interest expense	(94,756)	(78,728)	(189,830)	(153,500)
Interest and investment income	1,216	1,088	4,052	2,109
Other nonoperating expenses	\$	\$ (19,042)	\$	\$ (19,042)
Loss from continuing operations before income taxes	\$ (129,819)	\$ (693,575)	\$ (273,488)	\$ (739,529)

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**18. Supplemental Condensed Consolidating Financial Information**

Pursuant to the indentures governing Arch Coal, Inc.'s senior notes, certain wholly-owned subsidiaries of the Company have fully and unconditionally guaranteed the senior notes on a joint and several basis. The following tables present condensed consolidating financial information for (i) the Company, (ii) the issuer of the senior notes, (iii) the guarantors under the senior notes, and (iv) the entities which are not guarantors under the senior notes (Arch Receivable Company, LLC and the Company's subsidiaries outside the U.S.):

Table of Contents**Condensed Consolidating Statements of Operations****Three Months Ended June 30, 2013**

	Parent/Issuer	Guarantor Subsidiaries	Non- Guarantor Subsidiaries (In thousands)	Eliminations	Consolidated
<b>Revenues</b>	\$	\$ 766,332	\$	\$	\$ 766,332
<b>Costs, expenses and other</b>					
Cost of sales (exclusive of items shown separately below)	1,829	654,369			656,198
Depreciation, depletion and amortization	1,475	109,601	9		111,085
Amortization of acquired sales contracts, net		(2,209)			(2,209)
Change in fair value of coal derivatives and coal trading activities, net		(9,008)			(9,008)
Asset impairment and mine closure costs	20,482				20,482
Selling, general and administrative expenses	22,205	10,729	1,368		34,302
Other operating income, net	(1,101)	(7,041)	(97)		(8,239)
	44,890	756,441	1,280		802,611
Income from investment in subsidiaries	26,961			(26,961)	
Income (loss) from operations	(17,929)	9,891	(1,280)	(26,961)	(36,279)
Interest expense, net:					
Interest expense	(110,946)	(5,825)	(1,059)	23,074	(94,756)
Interest and investment income	7,201	15,566	1,523	(23,074)	1,216
	(103,745)	9,741	464		(93,540)
Income (loss) from continuing operations before income taxes	(121,674)	19,632	(816)	(26,961)	(129,819)
Benefit from income taxes	(49,468)				(49,468)
Income (loss) from continuing operations	(72,206)	19,632	(816)	(26,961)	(80,351)
Income from discontinued operations, net of tax		8,145			8,145
Net income (loss)	\$ (72,206)	\$ 27,777	\$ (816)	\$ (26,961)	\$ (72,206)
Total comprehensive income (loss)	\$ (68,163)	\$ 28,123	\$ (816)	\$ (27,307)	\$ (68,163)

Table of Contents**Condensed Consolidating Statements of Operations**

Six Months Ended June 30, 2013

	Parent/Issuer	Guarantor Subsidiaries	Non- Guarantor Subsidiaries (In thousands)	Eliminations	Consolidated
<b>Revenues</b>	\$	\$ 1,503,702	\$	\$	\$ 1,503,702
<b>Costs, expenses and other</b>					
Cost of sales (exclusive of items shown separately below)	4,712	1,301,229			1,305,941
Depreciation, depletion and amortization	2,880	218,380	18		221,278
Amortization of acquired sales contracts, net		(5,019)			(5,019)
Change in fair value of coal derivatives and coal trading activities, net		(7,700)			(7,700)
Asset impairment and mine closure costs	20,482				20,482
Selling, general and administrative expenses	43,903	20,763	2,845		67,511
Other operating income, net	(7,009)	(2,963)	(1,109)		(11,081)
	64,968	1,524,690	1,754		1,591,412
Income from investment in subsidiaries	19,492			(19,492)	
Loss from operations	(45,476)	(20,988)	(1,754)	(19,492)	(87,710)
Interest expense, net:					
Interest expense	(221,761)	(12,130)	(2,100)	46,161	(189,830)
Interest and investment income	16,161	30,998	3,054	(46,161)	4,052
	(205,600)	18,868	954		(185,778)
Loss from continuing operations before income taxes	(251,076)	(2,120)	(800)	(19,492)	(273,488)
Benefit from income taxes	(108,821)				(108,821)
Loss from continuing operations	(142,255)	(2,120)	(800)	(19,492)	(164,667)
Income from discontinued operations, net of tax		22,412			22,412
Net income (loss)	\$ (142,255)	\$ 20,292	\$ (800)	\$ (19,492)	\$ (142,255)
Total comprehensive income (loss)	\$ (136,721)	\$ 20,202	\$ (800)	\$ (19,402)	\$ (136,721)

Table of Contents**Condensed Consolidating Statements of Operations****Three Months Ended June 30, 2012**

	Parent/Issuer	Guarantor Subsidiaries	Non- Guarantor Subsidiaries (In thousands)	Eliminations	Consolidated
<b>Revenues</b>	\$	\$ 965,685	\$	\$	\$ 965,685
<b>Costs, expenses and other</b>					
Cost of sales (exclusive of items shown separately below)	2,291	797,267			799,558
Depreciation, depletion and amortization	1,344	123,183	9		124,536
Amortization of acquired sales contracts, net		(4,451)			(4,451)
Change in fair value of coal derivatives and coal trading activities, net		(32,054)			(32,054)
Asset impairment and mine closure costs		525,583			525,583
Goodwill impairment		115,791			115,791
Selling, general and administrative expenses	21,775	11,895	1,508		35,178
Other operating income, net	6,471	(8,034)			(1,563)
	31,881	1,529,180	1,517		1,562,578
Income from investment in subsidiaries	(553,726)			553,726	
Loss from operations	(585,607)	(563,495)	(1,517)	553,726	(596,893)
Interest expense, net:					
Interest expense	(89,729)	(9,143)	(695)	20,839	(78,728)
Interest and investment income	6,142	13,832	1,953	(20,839)	1,088
	(83,587)	4,689	1,258		(77,640)
Other nonoperating expense					
Net loss resulting from early retirement and refinancing of debt	(17,349)	(1,693)			(19,042)
Loss from continuing operations before income taxes	(686,543)	(560,499)	(259)	553,726	(693,575)
Benefit from income taxes	(251,119)				(251,119)
Loss from continuing operations	(435,424)	(560,499)	(259)	553,726	(442,456)
Income from discontinued operations, net of tax		7,032			7,032
Net loss	(435,424)	(553,467)	(259)	553,726	(435,424)
Less: Net income attributable to noncontrolling interest	(65)				(65)
Net loss attributable to Arch Coal, Inc.	\$ (435,489)	\$ (553,467)	\$ (259)	\$ 553,726	\$ (435,489)
Total comprehensive loss	\$ (438,473)	\$ (556,835)	\$ (259)	\$ 557,094	\$ (438,473)

Table of Contents**Condensed Consolidating Statements of Operations**

Six Months Ended June 30, 2012

	Parent/Issuer	Guarantor Subsidiaries	Non- Guarantor Subsidiaries (In thousands)	Eliminations	Consolidated
<b>Revenues</b>	\$	\$ 1,925,922	\$	\$	\$ 1,925,922
<b>Costs, expenses and other</b>					
Cost of sales (exclusive of items shown separately below)	5,258	1,600,559			1,605,817
Depreciation, depletion and amortization	2,560	253,114	15		255,689
Amortization of acquired sales contracts, net		(18,468)			(18,468)
Change in fair value of coal derivatives and coal trading activities, net		(35,667)			(35,667)
Asset impairment and mine closure costs		525,583			525,583
Goodwill impairment		115,791			115,791
Selling, general and administrative expenses	40,418	21,533	4,088		66,039
Other operating income, net	3,360	(10,766)	(12,360)		(19,766)
	51,596	2,451,679	(8,257)		2,495,018
Income from investment in subsidiaries	(487,046)			487,046	
Income (loss) from operations	(538,642)	(525,757)	8,257	487,046	(569,096)
Interest expense, net:					
Interest expense	(171,809)	(20,468)	(1,733)	40,510	(153,500)
Interest and investment income	10,811	27,943	3,865	(40,510)	2,109
	(160,998)	7,475	2,132		(151,391)
Other non-operating expense					
Net loss resulting from early retirement of ICG debt	(17,349)	(1,693)			(19,042)
Income (loss) from continuing operations before income taxes	(716,989)	(519,975)	10,389	487,046	(739,529)
Benefit from income taxes	(282,974)				(282,974)
Income (loss) from continuing operations	(434,015)	(519,975)	10,389	487,046	(456,555)
Income from discontinued operations, net of tax		22,540			22,540
Net Income (loss)	(434,015)	(497,435)	10,389	487,046	(434,015)
Less: Net income attributable to noncontrolling interest	(268)				(268)
Net Income (loss) attributable to Arch Coal, Inc.	\$ (434,283)	\$ (497,435)	\$ 10,389	\$ 487,046	\$ (434,283)
Total comprehensive income (loss)	\$ (429,764)	\$ (499,359)	\$ 10,389	\$ 488,970	\$ (429,764)



Table of Contents**Condensed Consolidating Balance Sheets****June 30, 2013**

	<b>Parent/Issuer</b>	<b>Guarantor Subsidiaries</b>	<b>Non-Guarantor Subsidiaries (In thousands)</b>	<b>Eliminations</b>	<b>Consolidated</b>
<b>Assets</b>					
Cash and cash equivalents	\$ 531,805	\$ 100,447	\$ 11,953	\$	\$ 644,205
Restricted cash	1,085				1,085
Short term investments	248,464				248,464
Receivables	51,720	25,508	264,005	(4,695)	336,538
Inventories		356,653			356,653
Other	97,171	70,748	473		168,392
Total current assets	930,245	553,356	276,431	(4,695)	1,755,337
Property, plant and equipment, net	26,118	7,205,048	55		7,231,221
Investment in subsidiaries	8,291,665			(8,291,665)	
Intercompany receivables	(1,496,992)	1,746,169	(249,177)		
Note receivable from Arch Western	675,000			(675,000)	
Other	164,358	579,723	90		744,171
Total other assets	7,634,031	2,325,892	(249,087)	(8,966,665)	744,171
Total assets	\$ 8,590,394	\$ 10,084,296	\$ 27,399	\$ (8,971,360)	\$ 9,730,729
<b>Liabilities and Stockholders Equity</b>					
Accounts payable	\$ 29,870	\$ 202,495	\$ 68	\$	\$ 232,433
Accrued expenses and other current liabilities	61,806	250,096	424	(4,695)	307,631
Current maturities of debt	20,790	3,052			23,842
Total current liabilities	112,466	455,643	492	(4,695)	563,906
Long-term debt	5,057,310	21,324			5,078,634
Note payable to Arch Coal		675,000		(675,000)	
Asset retirement obligations	1,685	413,175			414,860
Accrued pension benefits	33,759	33,144			66,903
Accrued postretirement benefits other than pension	14,372	31,986			46,358
Accrued workers compensation	23,601	55,403			79,004
Deferred income taxes	565,047				565,047
Other noncurrent liabilities	71,240	133,612	251		205,103
Total liabilities	5,879,480	1,819,287	743	(679,695)	7,019,815
Stockholders equity	2,710,914	8,265,009	26,656	(8,291,665)	2,710,914
Total liabilities and stockholders equity	\$ 8,590,394	\$ 10,084,296	\$ 27,399	\$ (8,971,360)	\$ 9,730,729

Table of Contents**Condensed Consolidating Balance Sheets**

December 31, 2012

	Parent/Issuer	Guarantor Subsidiaries	Non-Guarantor Subsidiaries (In thousands)	Eliminations	Consolidated
<b>Assets</b>					
Cash and cash equivalents	\$ 671,313	\$ 100,468	\$ 12,841	\$	\$ 784,622
Restricted cash	3,453				3,453
Short term investments	234,305				234,305
Receivables	49,281	40,452	247,171	(4,824)	332,080
Inventories		365,424			365,424
Other	106,786	86,877	557		194,220
Total current assets	1,065,138	593,221	260,569	(4,824)	1,914,104
Property, plant and equipment, net	27,476	7,309,550	72		7,337,098
Investment in subsidiaries	8,254,508			(8,254,508)	
Intercompany receivables	(1,367,739)	1,600,311	(232,572)		
Note receivable from Arch Western	675,000			(675,000)	
Other	187,171	568,314	90		755,575
Total other assets	7,748,940	2,168,625	(232,482)	(8,929,508)	755,575
Total assets	\$ 8,841,554	\$ 10,071,396	\$ 28,159	\$ (8,934,332)	\$ 10,006,777
<b>Liabilities and Stockholders</b>					
<b>Equity</b>					
Accounts payable	\$ 19,859	\$ 204,370	\$ 189	\$	\$ 224,418
Accrued expenses and other current liabilities	65,293	259,162	124	(4,824)	319,755
Current maturities of debt	32,054	842			32,896
Total current liabilities	117,206	464,374	313	(4,824)	577,069
Long-term debt	5,061,925	23,954			5,085,879
Note payable to Arch Coal		675,000		(675,000)	
Asset retirement obligations	1,646	408,059			409,705
Accrued pension benefits	33,456	34,174			67,630
Accrued postretirement benefits other than pension	13,953	31,133			45,086
Accrued workers compensation	25,323	56,306			81,629
Deferred income taxes	664,182				664,182
Other noncurrent liabilities	69,296	151,360	374		221,030
Total liabilities	5,986,987	1,844,360	687	(679,824)	7,152,210
Stockholders equity	2,854,567	8,227,036	27,472	(8,254,508)	2,854,567
Total liabilities and stockholders equity	\$ 8,841,554	\$ 10,071,396	\$ 28,159	\$ (8,934,332)	\$ 10,006,777

Table of Contents**Condensed Consolidating Statements of Cash Flows****Six Months Ended June 30, 2013**

	<b>Parent/Issuer</b>	<b>Guarantor Subsidiaries</b>	<b>Non-Guarantor Subsidiaries (In thousands)</b>	<b>Eliminations</b>	<b>Consolidated</b>
Cash provided by (used in) operating activities	\$ (217,517)	\$ 287,055	\$ (17,493)	\$	\$ 52,045
<b>Investing Activities</b>					
Capital expenditures	(1,511)	(167,553)			(169,064)
Minimum royalty payments		(10,162)			(10,162)
Proceeds from dispositions of property, plant and equipment		5,080			5,080
Proceeds from sales-leaseback transactions		34,919			34,919
Purchases of short term investments	(61,870)				(61,870)
Proceeds from sales of short term investments	47,097				47,097
Investments in and advances to affiliates	(3,012)	(5,385)		255	(8,142)
Change in restricted cash	2,368				2,368
Cash used in investing activities	(16,928)	(143,101)		255	(159,774)
<b>Financing Activities</b>					
Contributions from parent		255		(255)	
Payments on term note	(8,250)				(8,250)
Payments to retire debt		(255)			(255)
Net payments on other debt	(11,448)				(11,448)
Dividends paid	(12,735)				(12,735)
Transactions with affiliates, net	127,370	(143,975)	16,605		
Cash provided by (used in) financing activities	94,937	(143,975)	16,605	(255)	(32,688)
Decrease in cash and cash equivalents	(139,508)	(21)	(888)		(140,417)
Cash and cash equivalents, beginning of period	671,313	100,468	12,841		784,622
Cash and cash equivalents, end of period	\$ 531,805	\$ 100,447	\$ 11,953	\$	\$ 644,205

Table of Contents**Condensed Consolidating Statements of Cash Flows****Six Months Ended June 30, 2012**

	<b>Parent/Issuer</b>	<b>Guarantor Subsidiaries</b>	<b>Non-Guarantor Subsidiaries (In thousands)</b>	<b>Eliminations</b>	<b>Consolidated</b>
Cash provided by (used in) operating activities	\$ (430,689)	\$ 482,454	\$ 43,543	\$	\$ 95,308
<b>Investing Activities</b>					
Capital expenditures	(3,973)	(198,100)			(202,073)
Minimum royalty payments		(8,634)			(8,634)
Proceeds from dispositions of property, plant and equipment		1,054	21,497		22,551
Investments in and advances to affiliates	(3,683)	(6,992)		1,383	(9,292)
Change in restricted cash	4,582				4,582
Cash provided by (used in) investing activities	(3,074)	(212,672)	21,497	1,383	(192,866)
<b>Financing Activities</b>					
Contributions from parent		1,383		(1,383)	
Proceeds from issuance of term loan	1,386,000				1,386,000
Payments to retire debt		(452,654)			(452,654)
Net decrease in borrowings under lines of credit	(375,000)		(16,300)		(391,300)
Net payments from other debt	(11,164)				(11,164)
Debt financing costs	(34,335)		(46)		(34,381)
Dividends paid	(29,696)				(29,696)
Proceeds from exercise of options under incentive plans	5,131				5,131
Transactions with affiliates, net	(173,017)	211,684	(38,667)		
Cash provided by (used in) financing activities	767,919	(239,587)	(55,013)	(1,383)	471,936
Increase in cash and cash equivalents	334,156	30,195	10,027		374,378
Cash and cash equivalents, beginning of period	66,542	70,258	1,349		138,149
Cash and cash equivalents, end of period	\$ 400,698	\$ 100,453	\$ 11,376	\$	\$ 512,527

Table of Contents**Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations.****Overview**

The weakness in global coal markets continued in the second quarter of 2013, impacting our results for the period in both sales volumes and pricing. International thermal markets are not showing signs of near-term improvement and we expect thermal coal exports to level off during the remainder of 2013. We expect industry-wide coal exports to be less than 2012 levels, but still high by historical standards. We exported 5.5 million tons in the first half of 2013, compared to approximately 7 million tons in the first half of 2012, with metallurgical coal exports increasing and thermal coal exports decreasing.

While metallurgical coal demand remains relatively stable, driven by solid utilization rates at U.S. steel mills, metallurgical markets remain oversupplied, and prices remained lower than in the first half of 2012. At the same time, trends relating to the domestic thermal coal markets are improving. Coal consumption by electric generation facilities grew more than 10% through May of 2013 compared with the same period last year. Higher natural gas prices and cool spring weather have contributed to the stronger coal consumption trends. These trends are correcting the significant U.S. coal stockpile overhang that was built during 2012. However, we expect the weakness in Appalachian thermal coal demand to continue unless natural gas prices rise further, and we currently project that production in that region will fall further in 2013.

During the current market downturn, management has continued to focus on capital spending reductions, cost containment and efficiency efforts and working capital and liquidity management to improve cash flows and prepare the company to capitalize on opportunities when coal markets recover. As part of a strategy to divest non-core thermal coal assets, we have entered into a definitive agreement to sell Canyon Fuel Company, LLC (Canyon Fuel), a wholly-owned subsidiary, to Bowie Resources, LLC for \$435 million. Canyon Fuel operates the Sufco and Skyline longwall mining complexes and the Dugout Canyon continuous miner operation in Utah. The transaction is expected to close during the third quarter of 2013. See Note 3, Discontinued Operations, to the condensed consolidated financial statements for further information.

**Operational performance**

The following table shows results by operating segment for the three and six months ended June 30, 2013 and compares it with the information for the three and six months ended June 30, 2012:

	Three Months Ended June 30,		Six Months Ended June 30,	
	2013	2012	2013	2012
<i>Powder River Basin</i>				
Tons sold (in thousands)	27,131	21,833	53,743	49,048
Coal sales realization per ton sold(1)	\$ 12.56	\$ 13.65	\$ 12.62	\$ 13.77
Cost per ton sold	\$ 12.02	\$ 12.71	\$ 12.13	\$ 12.72
Operating margin per ton sold(2)	\$ 0.54	\$ 0.94	\$ 0.49	\$ 1.05
Adjusted EBITDA(3) (in thousands)	\$ 58,004	\$ 61,973	\$ 114,784	\$ 136,167
<i>Appalachia</i>				
Tons sold (in thousands)	4,042	5,202	7,429	9,867

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Coal sales realization per ton sold(1)	\$	74.18	\$	85.45	\$	74.45	\$	86.98
Cost per ton sold	\$	78.86	\$	80.92	\$	80.64	\$	83.45
Operating margin (loss) per ton sold(2)	\$	(4.68)	\$	4.53	\$	(6.19)	\$	3.53
Adjusted EBITDA(3) (in thousands)	\$	47,956	\$	128,058	\$	73,658	\$	208,500
<i>Western Bituminous (includes Canyon Fuel)</i>								
Tons sold (in thousands)		3,180		3,985		6,687		7,246
Coal sales realization per ton sold(1)	\$	35.88	\$	33.35	\$	35.70	\$	34.90
Cost per ton sold	\$	30.25	\$	28.88	\$	29.64		28.04
Operating margin per ton sold(2)	\$	5.63	\$	4.47	\$	6.06	\$	6.86
Adjusted EBITDA(3) (in thousands)	\$	34,409	\$	36,564	\$	76,719	\$	87,367

(1) These per-ton measurements reflect classification adjustments to numbers reported under U.S. GAAP to reflect the results we achieved within our operating segments. Since other companies may calculate these per ton amounts differently, our calculation may not be comparable to similarly titled measures used by those companies.

(2) Operating margin per ton sold is calculated as coal sales revenues less cost of coal sales, depreciation, depletion and amortization and sales contract amortization divided by tons sold.

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(3) Adjusted EBITDA is defined as net income or loss attributable to the segment before the effect of net interest expense, income taxes, depreciation, depletion and amortization and the amortization of acquired sales contracts. Adjusted EBITDA may also be adjusted for items that may not reflect the trend of future results. Segment Adjusted EBITDA is reconciled to net loss at the end of this Results of Operations section.

*Powder River Basin* Segment Adjusted EBITDA decreased in the second quarter and first half of 2013 when compared to the second quarter and first half of 2012, due to continued weak coal market conditions, which resulted in lower per-ton realizations on market-based tons. The increase in coal consumption by electric generation facilities during the second quarter contributed to an increase in sales volumes (24% in the second quarter and 10% in the first half of 2013 compared to the respective periods in 2012). In the second quarter of 2012, we curtailed production in response to weaker conditions in the market for Powder River Basin coal, the result of decade-low natural gas prices. Per-ton costs decreased 5% in both the quarter and year -to-date periods due to cost control efforts and the increase in sales volumes, as well as a decrease in production taxes and royalties that fluctuate with selling prices (\$0.10/ton and \$0.22/ton in the second quarter and first half of 2013, respectively, when compared with 2012). Higher natural gas prices contributed to an increase in the cost of explosives in the second quarter of 2013 when compared with the second quarter of 2012, partially offsetting this decrease in costs.

*Appalachia* Segment Adjusted EBITDA decreased significantly in the second quarter and first half of 2013 when compared to 2012, due to the weak coal market conditions, resulting in lower thermal coal sales volumes and also lower average coal pricing, particularly on metallurgical coal shipments. We sold 2.1 million tons of metallurgical-quality coal in the second quarter of 2013 compared to 1.9 million tons in the second quarter of 2012. We sold 3.8 million tons of metallurgical-quality coal in the first half of 2013 compared to 3.5 million tons in the first half of 2012. Per-ton costs have decreased despite the significant decrease in sales volumes due to the impact of idling higher-cost thermal coal mining operations in 2012 and our cost containment and efficiency efforts. The average cost of sales per ton of operations we idled in 2012 was approximately \$95 per ton in the second quarter of 2012 and \$100 per ton in the first half of 2012.

*Western Bituminous* The amounts in the above table include the results of Canyon Fuel. Segment Adjusted EBITDA decreased from 2012 due to lower sales volumes, which resulted in an increase in per-ton costs. Per ton costs for the first half of the year also increased due to an increase in scheduled maintenance costs.

**Reconciliation to amounts reported in statement of operations**

	Three Months Ended June 30,		Six Months Ended June 30,	
	2013	2012	2013	2012
Impact of Canyon Fuel results included in per ton amounts but segregated and included in discontinued operations in statement of operations				
Western Bituminous per-ton realizations	\$ 3.83	\$ 3.92	\$ 5.41	\$ 4.28
Western Bituminous per-ton cost of sales	\$ 5.62	\$ 4.95	\$ 4.38	\$ 2.50
Transportation costs netted against per-ton realizations to reflect netback price to the region				
Powder River Basin	\$ 0.46	\$ 1.12	\$ 0.69	\$ 1.00
Appalachia	\$ 7.57	\$ 10.83	\$ 7.95	\$ 10.95
Western Bituminous	\$ 5.28	\$ 17.77	\$ 8.12	\$ 12.57
API-2 risk management position settlements included in per-ton realizations not classified as coal sales revenues in statement of operations				

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Appalachia	\$	0.66	\$	0.86	\$	0.72	\$	0.67
Western Bituminous	\$	1.23	\$	1.05	\$	1.56	\$	0.71
Diesel risk management position settlements not classified as cost of coal sales in statement of operations								
Powder River Basin	\$	0.10	\$	0.08	\$	0.12	\$	0.04
Appalachia	\$	0.22	\$	0.07	\$	0.26	\$	0.04

**Results of Operations**

The results of operations presented below reflect amounts in our condensed consolidated statements of operations. These exclude the results of Canyon Fuel, as those are presented as one line item, net of tax, in the condensed consolidated statements of operations.

*Three Months Ended June 30, 2013 Compared to Three Months Ended June 30, 2012*

*Summary.* Our results during the second quarter of 2013, when compared to the second quarter of 2012, were impacted by weaker market conditions.

*Revenues.* Our revenues consist of coal sales and revenues from our ADDCAR subsidiary acquired with ICG.

*Coal Sales.* The following table summarizes information about our coal sales during the three months ended June 30, 2013 and compares it with the information for the three months ended June 30, 2012:



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	Three Months Ended June 30,		Increase (Decrease)
	2013	2012 (In thousands)	
Coal sales	\$ 761,605	\$ 950,367	\$ (188,762)
Tons sold	32,953	29,387	3,566

Coal sales decreased 21% in the second quarter of 2013 from the second quarter of 2012 due to lower realized prices. Lower average realizations per ton sold, due to the weak coal markets and a lower percentage of higher-priced thermal coal sales out of Appalachia, resulted in a decrease in revenues of approximately \$122 million. The increase in sales volumes in our Powder River Basin segment (an increase of \$78 million) was offset by the impact of lower volumes from the Appalachia and Western Bituminous segments that were the result of weak regional and international thermal coal markets (a decrease of \$152 million).

*Costs, expenses and other.* The following table summarizes costs, expenses and other components of operating income for the three months ended June 30, 2013 and compares it with the information for the three months ended June 30, 2012:

	Three Months Ended June 30,		(Increase) Decrease in Net Loss
	2013	2012 (In thousands)	
Cost of sales (exclusive of items shown separately below)	\$ 656,198	\$ 799,558	\$ 143,360
Depreciation, depletion and amortization	111,085	124,536	13,451
Amortization of acquired sales contracts, net	(2,209)	(4,451)	(2,242)
Change in fair value of coal derivatives and coal trading activities, net	(9,008)	(32,054)	(23,046)
Asset impairment and mine closure costs	20,482	525,583	505,101
Goodwill impairment		115,791	115,791
Selling, general and administrative expenses	34,302	35,178	876
Other operating income, net	(8,239)	(1,563)	6,676
Total costs, expenses and other	\$ 802,611	\$ 1,562,578	\$ 759,967

*Cost of coal sales.* Our cost of sales decreased in the second quarter of 2013 from the second quarter of 2012 primarily due to lower per-ton average production costs (\$146 million). In addition, transportation costs decreased \$77 million in the second quarter of 2013 from the second quarter of 2012 due to a decrease in export shipments. Partially offsetting these cost decreases was the increase in sales volumes, which resulted in an increase of \$80 million in cost of sales. These factors are discussed in detail in the Operational performance section.

*Depreciation, depletion and amortization.* When compared with the second quarter of 2012, depreciation, depletion and amortization costs decreased in 2013 due to the decreases in production in the higher-cost Appalachia and Western Bituminous segments for the respective periods, including the impact of mine closures in 2012.

*Change in fair value of coal derivatives and coal trading activities, net.* The gains reflected in 2013 and 2012 relate primarily to positions in the API-2 market, the derivatives market for coal delivered into Europe. We entered into these positions to manage price risk on physical export sales into Europe. As these positions are not accounted for as hedges, changes in the positions fair value prior to settlement is recognized in the condensed consolidated statement of operations. When the positions settle, the realized gains and losses are reclassified to other operating income, net. The decrease in the gains in the second quarter of 2013 from the second quarter of 2012 is the result of a decrease in positions outstanding and a decrease in the prices in the API-2 market.

*Asset impairment and mine closure costs.* In the second quarter of 2012, we closed or idled eight higher-cost thermal coal operations in Appalachia, along with other production curtailments, in response to market conditions. As a result, we recognized impairment charges to write down property, plant, and equipment, and incurred other costs, primary labor and contract termination, related to the closures. In the second quarter of 2013, we impaired an investment in a clean coal power plant project and a related receivable balance.

*Goodwill Impairment.* We recorded a complete write down of our goodwill related to our Black Thunder mining complex during the second quarter of 2012 due to expectations of lower thermal coal demand and its impact on near-term sales volumes and pricing.

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*Selling, general and administrative expenses.* Total selling, general and administrative expenses decreased slightly when compared with the second quarter of 2012, as increases in employee incentive costs of \$2.3 million and legal costs of \$0.7 million were offset by a decrease in severance costs of \$1.4 million, and a decrease in other spending of \$2.4 million.

*Other operating income, net.* When compared with the second quarter of 2012, other operating income, net increased for the second quarter of 2013, primarily the result of a decrease of \$9.5 million, to \$5.2 million in unrealized losses on our diesel purchase and fuel surcharge risk management programs, gains of \$2.2 million recognized in the second quarter of 2013 on the sale of surplus equipment, and a decrease in land management costs of \$1.9 million. These were partially offset by a decrease in commercial income of \$5.2 million.

*Net interest expense.* The following table summarizes our net interest expense for the three months ended June 30, 2013 and compares it with the information for the three months ended June 30, 2012:

	<b>Three Months Ended June 30, 2013</b>	<b>2012</b>	<b>(Increase) Decrease in Net Loss</b>
	<b>(In thousands)</b>		
Interest expense	\$ (94,756)	\$ (78,728)	\$ (16,028)
Interest and investment income	1,216	1,088	128
	\$ (93,540)	\$ (77,640)	\$ (15,900)

The increase in interest expense is due to an increase in our average outstanding debt in the second quarter of 2013 when compared with the second quarter of 2012, primarily as a result of financing transactions completed during 2012.

*Income taxes.* Our effective income tax rate is sensitive to changes in and the relationship between annual profitability and the deduction for percentage depletion. The decrease in the income tax benefit is primarily the result of the decrease in our reported losses for the second quarter of 2013 when compared to the second quarter of 2012.

	<b>Three Months Ended June 30, 2013</b>	<b>2012</b>	<b>Increase in Net Loss</b>
	<b>(In thousands)</b>		
Benefit from income taxes	(49,468)	(251,119)	(201,651)

*Income from discontinued operations, net of tax.* As a result of the pending sale, the results of Canyon Fuel, net of the income tax impact, are segregated from from continuing operations. See Note 3, Discontinued Operations, to the condensed consolidated financial statements for further information.

	<b>Three Months Ended June 30, 2013</b>	<b>2012</b>	<b>Decrease in Net Loss</b>
	<b>(In thousands)</b>		
Income from discontinued operations, net of tax	8,145	7,032	1,113



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*Summary.* Our results during the first half of 2013 when compared to the first half of 2012 were impacted by weaker market conditions.

*Revenues.* Our revenues consist of coal sales and revenues from our ADDCAR subsidiary.

The following table compares information about coal sales during the six months ended June 30, 2013 with the information for the six months ended June 30, 2012:

	Six Months Ended June 30,		Increase (Decrease)
	2013	2012	
	(In thousands)		
Coal sales	\$ 1,498,090	\$ 1,908,094	\$ (410,004)
Tons sold	64,878	63,133	1,745

Coal sales decreased approximately 21% in the first half of 2013 from the first half of 2012, due to lower realized prices. Lower average realizations per ton sold, the result of the weak coal markets and a lower percentage of higher-priced thermal coal sales out of Appalachia, resulted in a decrease in revenues of approximately \$212 million. The increase in sales volumes in our Powder River Basin segment (an increase of \$69 million) was offset by the impact of lower volumes from the Appalachia and Western Bituminous segments that were the result of weak regional and international thermal coal markets (a decrease of \$276 million).

*Costs, expenses and other.* The following table compares costs, expenses and other components of operating income for the six months ended June 30, 2013 with the information for the six months ended June 30, 2012:

	Six Months Ended June 30,		(Increase) Decrease
	2013	2012	in Net Loss
	(Amounts in thousands, except percentages)		
Cost of sales (exclusive of items shown separately below)	\$ 1,305,941	\$ 1,605,817	\$ 299,876
Depreciation, depletion and amortization	221,278	255,689	34,411
Amortization of acquired sales contracts, net	(5,019)	(18,468)	(13,449)
Change in fair value of coal derivatives and coal trading activities, net	(7,700)	(35,667)	(27,967)
Asset impairment and mine closure costs	20,482	525,583	505,101
Goodwill impairment		115,791	115,791
Selling, general and administrative expenses	67,511	66,039	\$ (1,472)
Other operating income, net	(11,081)	(19,766)	\$ (8,685)
Total costs, expenses and other	\$ 1,591,412	\$ 2,495,018	\$ 903,606

*Cost of sales.* Our cost of sales decreased in the first half of 2013 from the first half of 2012 primarily due to lower average per-ton production costs (\$248 million). In addition, transportation costs decreased \$89 million in the first half of 2013 from the first half of 2012 due to a decrease

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in export shipments. Partially offsetting these cost decreases was the increase in sales volumes, which resulted in an increase of \$38 million in cost of sales. These factors are discussed in detail in the *Operational performance* section.

*Depreciation, depletion and amortization.* When compared with the first half of 2012, depreciation, depletion and amortization costs decreased in the first half of 2013 due to the decreases in production for the respective periods, including the impact of mine closures in 2012.

*Change in fair value of coal derivatives and coal trading activities, net.* The gains reflected in 2013 and 2012 relate primarily to positions in the API-2 market, the derivatives market for coal delivered into Europe. We entered into these positions to manage price risk on physical export sales into Europe. As these positions are not accounted for as hedges, changes in the positions' fair value prior to settlement is recognized in the condensed consolidated statement of operations. When the positions settle, the realized gains and losses are reclassified to other operating income, net. The decrease in the gains in the first half of 2013 from the first half of 2012 is the result of a decrease in positions outstanding and a decrease in the prices in the API-2 market.

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*Mine closure and asset impairment costs and goodwill impairment.* See discussion in the results of the second quarter of 2013.

*Selling, general and administrative expenses.* Selling, general and administrative expenses in the first half of 2013 increased slightly when compared with the first half of 2012 primarily as a decrease in spending was offset by an increase in bonus plan adjustment costs, legal costs (\$1.2 million), and costs related to the deferred compensation plan (\$0.7 million), which is impacted investment performance and our stock price. Cost reductions were achieved primarily through a decrease in severance costs of \$1.6 million and a decrease in industry group dues and fees of \$2.8 million. In the first half of 2012, we reflected a reduction in bonus plan expense of \$3.8 million relating to ICG employees (nearly all of which was offset by an increase in the accrual in cost of sales), which caused our expense to be lower in 2012.

*Other operating income, net.* When compared with the first half of 2012, the decrease in other operating income, net for the first half of 2013 was primarily the result of liquidated damages we incurred under throughput commitments of \$10.2 million and a decrease in gains on asset sales from \$9.7 million in 2012 to \$2.7 million in 2013. These were partially offset by gains on settlements on coal derivatives of \$15.8 million in the first half of 2013, an increase of \$4.0 million from the first half of 2012, and a decrease of \$9.6 million to \$10.1 million in unrealized losses of relating to our diesel purchase and fuel surcharge risk management programs.

*Net interest expense.* The following table summarizes our net interest expense for the six months ended June 30, 2013 and compares it with the information for the six months ended June 30, 2012:

	Six Months Ended June 30,		(Increase) Decrease
	2013	2012	in Net Loss
	(In thousands)		
Interest expense	\$ (189,830)	\$ (153,500)	\$ (36,330)
Interest and investment income	4,052	2,109	1,943
	\$ (185,778)	\$ (151,391)	\$ (34,387)

The increase in interest expense is due to an increase in our outstanding debt in the first half of 2013 when compared with the first half of 2012, primarily as a result of financing transactions completed during 2012, which resulted in a net increase in debt outstanding of over \$1 billion.

*Income taxes.* Our effective income tax rate is sensitive to changes in and the relationship between annual profitability and the deduction for percentage depletion. The decrease in the income tax benefit is primarily the result of the decrease in our reported losses for the first half of 2013 when compared to the first half of 2012.

	Six Months Ended June 30,		Increase
	2013	2012	in Net Loss
	(In thousands)		
Benefit from income taxes	(108,821)	(282,974)	(174,153)

*Income from discontinued operations, net of tax.* As a result of the pending sale, the results of Canyon Fuel, net of the income tax impact, are segregated from continuing operations. See Note 3, *Discontinued Operations*, to the condensed consolidated financial statements for further information.

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	Six Months Ended June 30,		Increase
	2013	2012	in Net Loss
	(In thousands)		
Income from discontinued operations, net of tax	22,412	22,540	(128)

*Reconciliation of Segment Adjusted EBITDA to Net Income*

The discussion in Results of Operations includes references to our Adjusted EBITDA. Adjusted EBITDA is defined as net income attributable to the Company before the effect of net interest expense, income taxes, depreciation, depletion and amortization and the amortization of acquired sales contracts. Adjusted EBITDA may also be adjusted for items that may not reflect the trend of future results. We believe that Adjusted EBITDA presents a useful measure of our ability to service and



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incur debt based on ongoing operations. Investors should be aware that our presentation of Adjusted EBITDA may not be comparable to similarly titled measures used by other companies. The table below shows how we calculate Adjusted EBITDA.

	Three Months Ended June 30,		Six Months Ended June 30,	
	6/30/2013	6/30/2012	6/30/2013	6/30/2012
	(In thousands)			
Reported Segment Adjusted EBITDA	\$ 140,369	\$ 226,595	\$ 265,161	\$ 432,034
Corporate and other(1)	(29,820)	(45,674)	(70,982)	(71,286)
Adjusted EBITDA	110,549	180,921	194,179	360,748
Income tax benefit	49,468	251,119	108,821	282,974
Interest expense, net	(93,540)	(77,640)	(185,778)	(151,391)
Depreciation, depletion and amortization	(111,085)	(124,536)	(221,278)	(255,689)
Amortization of acquired sales contracts, net	2,209	4,451	5,019	18,468
Asset impairment and mine closure costs	(20,482)	(525,583)	(20,482)	(525,583)
Goodwill impairment		(115,791)		(115,791)
Other nonoperating expenses		(19,042)		(19,042)
Interest, depreciation, depletion and amortization classified as discontinued operations	(9,325)	(9,388)	(22,736)	(28,977)
Net loss attributable to Arch Coal	\$ (72,206)	\$ (435,489)	\$ (142,255)	\$ (434,283)

(1) Corporate and other Adjusted EBITDA includes primarily selling, general and administrative expenses, income from our equity investments and certain changes in the fair value of coal derivatives and coal trading activities.

### **Liquidity and Capital Resources**

Our primary sources of cash are coal sales to customers, borrowings under our credit facilities and other financing arrangements, and debt and equity offerings related to significant transactions or refinancing activity. Excluding any significant mineral reserve acquisitions, we generally satisfy our working capital requirements and fund capital expenditures and debt-service obligations with cash generated from operations, cash on hand or borrowings under our lines of credit. Such plans are subject to change based on our cash needs. Availability under our sources of liquidity, including cash and short-term investments totaled \$1.2 billion at June 30, 2013.

There were no borrowings under lines of credit during the three and six months ended June 30, 2013. Our average borrowing level under lines of credit was approximately \$290.9 million for the three months ended June 30, 2012, and approximately \$391.5 million for the six months ended June 30, 2012.

The following is a summary of cash provided by or used in each of the indicated types of activities during the six months ended June 30, 2013 and 2012:

Six Months Ended June 30,	
2013	2012

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	(In thousands)	
Cash provided by (used in):		
Operating activities	\$ 52,045	\$ 95,308
Investing activities	(159,774)	(192,866)
Financing activities	(32,688)	471,936

Cash provided by operating activities decreased in the first half of 2013 compared to the first half of 2012, driven by the decrease in our profitability resulting from weak coal market conditions.

Cash used in investing activities decreased in the first half of 2013 compared to the first half of 2012. Capital expenditures decreased approximately \$33.0 million during the six months ended June 30, 2013 when compared with the six months ended June 30, 2012 due to cash conservation efforts. We spent approximately \$85 million during the six months ended June 30, 2013 on the development of the Leer mine and made a \$60.0 million payment on the South Hilight lease. Proceeds from dispositions of property, plant and equipment decreased by \$17.5 million, for the same periods, offset by proceeds of \$34.9 million from the sale and leaseback of longwall shields at the Leer mine. In 2013, we purchased short term investments of \$61.9 million and received proceeds from the sales of short term investments of \$47.1 million.

Cash used in financing activities was approximately \$32.7 million in the first half of 2013, compared to cash provided by financing activities of approximately \$471.9 million in the first half of 2012. There were no borrowings under lines of credit during the six months ended June 30, 2013. In 2012, the proceeds from the \$1.4 billion term loan in conjunction with the

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refinancing of our revolving credit facility were used, in part, to retire the remaining outstanding senior secured notes due in 2013 and the outstanding borrowings under our lines of credit. The decrease in the dividend rate in the second quarter of 2012 from \$0.11 to \$0.03 reduced dividends paid from \$29.7 million to \$12.7 million during the first half of 2013 compared to the first half of 2012.

**Ratio of Earnings to Fixed Charges**

The following table sets forth our ratios of earnings to combined fixed charges and preference dividends for the periods indicated:

	Six Months Ended June 30,	
	2013	2012
Ratio of earnings to combined fixed charges and preference dividends(1)	N/A	N/A(2)

(1) Earnings (losses) consist of income (loss) from continuing operations before income taxes and are adjusted to include only distributed income from affiliates accounted for on the equity method and fixed charges (excluding capitalized interest). Fixed charges consist of interest incurred on indebtedness, the portion of operating lease rentals deemed representative of the interest factor and the amortization of debt expense.

(2) Total losses for the ratio calculation were \$80 million and total fixed charges were \$203 million for the six months ended June 30, 2013. Total losses for ratio calculation were \$562 million and total fixed charges were \$185 million for the six months ended June 30, 2012

**Item 3. Quantitative and Qualitative Disclosures About Market Risk.**

We manage our commodity price risk for our non-trading, thermal coal sales through the use of long-term coal supply agreements, and to a limited extent, through the use of derivative instruments. Sales commitments in the metallurgical coal market are typically not long-term in nature, and we are therefore subject to the fluctuations in the market pricing. We expect to sell a total of approximately 8 million tons of metallurgical coal in 2013.

Our commitments for 2013 and 2014 are as follows:

<b>Powder River Basin</b>						
Committed, Priced	105.8	\$	12.91	71.3	\$	13.53
Committed, Unpriced	6.2			15.6		
<b>Western Bituminous (includes Canyon Fuel)</b>						
Committed, Priced	13.5	\$	36.91	8.3	\$	40.69

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Committed, Unpriced	1.1			0.2		
<b><u>Appalachia</u></b>						
Committed, Priced Thermal	7.1	\$	62.75	2.7	\$	55.68
Committed, Unpriced Thermal	0.2			0.3		
Committed, Priced Metallurgical	6.6	\$	90.60	0.2	\$	78.89
Committed, Unpriced Metallurgical	0.4			0.7		
<b><u>Illinois Basin</u></b>						
Committed, Priced	2.1	\$	42.50	1.7	\$	42.33

We are also exposed to commodity price risk in our coal trading activities, which represents the potential future loss that could be caused by an adverse change in the market value of coal. Our coal trading portfolio included forward, swap and put and call option contracts at June 30, 2013. The estimated future realization of the value of the trading portfolio is \$0.4 million of gains in the remainder of 2013 and \$5.9 million of gains in 2014.

We monitor and manage market price risk for our trading activities with a variety of tools, including Value at Risk (VaR), position limits, management alerts for mark to market monitoring and loss limits, scenario analysis, sensitivity analysis and review of daily changes in market dynamics. Management believes that presenting high, low, end of year and average VaR is the best available method to give investors insight into the level of commodity risk of our trading positions. Illiquid positions, such as long-dated trades that are not quoted by brokers or exchanges, are not included in VaR.

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VaR is a statistical one-tail confidence interval and down side risk estimate that relies on recent history to estimate how the value of the portfolio of positions will change if markets behave in the same way as they have in the recent past. While presenting VaR will provide a similar framework for discussing risk across companies, VaR estimates from two independent sources are rarely calculated in the same way. Without a thorough understanding of how each VaR model was calculated, it would be difficult to compare two different VaR calculations from different sources. The level of confidence is 95%. The time across which these possible value changes are being estimated is through the end of the next business day. A closed-form delta-neutral method used throughout the finance and energy sectors is employed to calculate this VaR. VaR is back tested to verify usefulness.

On average, portfolio value should not fall more than VaR on 95 out of 100 business days. Conversely, portfolio value declines of more than VaR should be expected, on average, 5 out of 100 business days. When more value than VaR is lost due to market price changes, VaR is not representative of how much value beyond VaR will be lost.

During the six months ended June 30, 2013, VaR for our coal trading positions that are recorded at fair value through earnings ranged from \$33.0 thousand to \$0.7 million. The linear mean of each daily VaR was \$0.3 million. The final VaR at June 30, 2013 was \$0.1 million.

We are exposed to fluctuations in the fair value of coal derivatives that we enter into to manage the price risk related to future coal sales, but for which we do not elect hedge accounting. Any gains or losses on these derivative instruments would be offset in the pricing of the physical coal sale. During the six months ended June 30, 2013 VaR for our risk management positions that are recorded at fair value through earnings ranged from \$0.6 million to \$1.9 million. The linear mean of each daily VaR was \$1.2 million. The final VaR at June 30, 2013 was \$1.1 million.

We are also exposed to the risk of fluctuations in cash flows related to our purchase of diesel fuel. We expect to use approximately 57 to 67 million gallons of diesel fuel for use in our operations during 2013. We enter into forward physical purchase contracts, as well as purchased heating oil options, to reduce volatility in the price of diesel fuel for our operations. At June 30, 2013, we had protected the price of approximately 94% of our expected purchases for the remainder of 2013 and 73% of our 2014 purchases. At June 30, 2013, we had purchased heating oil call options for approximately 74 million gallons for the purpose of managing the price risk associated with future diesel purchases. We also purchase heating oil call options manage the price risk associated with fuel surcharges on barge and rail shipments, which cover increases in diesel fuel prices. At June 30, 2013, we held purchased call options for approximately 4 million gallons for the purpose of managing the fluctuations in cash flows associated with fuel surcharges on future shipments. These positions reduce our risk of cash flow fluctuations related to these surcharges but the positions are not accounted for as hedges. A \$0.25 per gallon decrease in the price of heating oil would not result in an increase in our expense related to the heating oil derivatives.

We are exposed to market risk associated with interest rates due to our existing level of indebtedness. At June 30, 2013, of our \$5.1 billion principal amount of debt outstanding, approximately \$1.6 billion of outstanding borrowings have interest rates that fluctuate based on changes in the market rates. An increase in the interest rates related to these borrowings of 25 basis points would not result in an annualized increase in interest expense based on interest rates in effect at June 30, 2013, because our term loan has a minimum interest rate that exceeds the current market rates.

**Item 4. Controls and Procedures.**

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We performed an evaluation under the supervision and with the participation of our management, including our chief executive officer and chief financial officer, of the effectiveness of the design and operation of our disclosure controls and procedures as of June 30, 2013. Based on that evaluation, our management, including our chief executive officer and chief financial officer, concluded that the disclosure controls and procedures were effective as of such date. There were no changes in our internal control over financial reporting during the three months ended June 30, 2013 to which this report relates that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

### **PART II**

#### **OTHER INFORMATION**

##### **Item 1. Legal Proceedings.**

In addition to the following matters, we are involved in various claims and legal actions arising in the ordinary course of business, including employee injury claims. After conferring with counsel, it is the opinion of management that the ultimate resolution of these claims, to the extent not previously provided for, will not have a material adverse effect on our consolidated financial condition, results of operations or liquidity.

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**Permit Litigation Matters**

Surface mines at our Mingo Logan and Coal-Mac mining operations were identified in an existing lawsuit brought by the Ohio Valley Environmental Coalition (OVEC) in the U.S. District Court for the Southern District of West Virginia as having been granted Clean Water Act § 404 permits by the Army Corps of Engineers ( Corps ), allegedly in violation of the Clean Water Act and the National Environmental Policy Act. The lawsuit, brought by OVEC in September 2005, originally was filed against the Corps for permits it had issued to four subsidiaries of a company unrelated to us or our operating subsidiaries. The suit claimed that the Corps had issued permits to the subsidiaries of the unrelated company that did not comply with the National Environmental Policy Act and violated the Clean Water Act.

The court ruled on the claims associated with those four permits in orders of March 23 and June 13, 2007. In the first of those orders, the court rescinded the four permits, finding that the Corps had inadequately assessed the likely impact of valley fills on headwater streams and had relied on inadequate or unproven mitigation to offset those impacts. In the second order, the court entered a declaratory judgment that discharges of sediment from the valley fills into sediment control ponds constructed in-stream to control that sediment must themselves be permitted under a different provision of the Clean Water Act, § 402, and meet the effluent limits imposed on discharges from these ponds. Both of the district court rulings were appealed to the U.S. Court of Appeals for the Fourth Circuit.

Before the court entered its first order, the plaintiffs were permitted to amend their complaint to challenge the Coal-Mac and Mingo Logan permits. Plaintiffs sought preliminary injunctions against both operations, but later reached agreements with our operating subsidiaries that have allowed mining to progress in limited areas while the district court's rulings were on appeal. The claims against Coal-Mac were thereafter dismissed.

In February 2009, the Fourth Circuit reversed the District Court. The Fourth Circuit held that the Corps' jurisdiction under Section 404 of the Clean Water Act is limited to the narrow issue of the filling of jurisdictional waters. The court also held that the Corps' findings of no significant impact under the National Environmental Policy Act and no significant degradation under the Clean Water Act are entitled to deference. Such findings entitle the Corps to avoid preparing an environmental impact statement, the absence of which was one issue on appeal. These holdings also validated the type of mitigation projects proposed by our operations to minimize impacts and comply with the relevant statutes. Finally, the Fourth Circuit found that stream segments, together with the sediment ponds to which they connect, are unitary waste treatment systems, not waters of the United States, and that the Corps had not exceeded its authority in permitting them.

OVEC sought rehearing before the entire appellate court, which was denied in May 2009, and the decision was given legal effect in June 2009. An appeal to the U.S. Supreme Court was then filed in August 2009. On August 3, 2010 OVEC withdrew its appeal.

Mingo Logan filed a motion for summary judgment with the district court in July 2009, asking that judgment be entered in its favor because no outstanding legal issues remained for decision as a result of the Fourth Circuit's February 2009 decision. By a series of motions, the United States obtained extensions and stays of the obligation to respond to the motion in the wake of its letters to the Corps dated September 3 and October 16, 2009 (discussed below). By order dated April 22, 2010, the District Court stayed the case as to Mingo Logan for the shorter of either six months or the completion of the U.S. Environmental Protection Agency's (the EPA) proposed action to deny Mingo Logan the right to use its Corps' permit (as discussed below).

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On October 15, 2010, the United States moved to extend the existing stay for an additional 120 days (until February 22, 2011) while the EPA Administrator reviewed the Recommended Determination issued by the EPA Region 3. By Memorandum Opinion and Order dated November 2, 2010, the court granted the United States motion. On January 13, 2011, the EPA issued its Final Determination to withdraw the specification of two of the three watersheds as a disposal site for dredged or fill material approved under the current Section 404 permit. The court was notified of the Final Determination and by order dated March 21, 2011 stayed further proceedings in the case until further order of the court, in light of the challenge to the EPA's Final Determination then pending in federal court in Washington, DC. In a Memorandum and Opinion and separate Order, each dated March 23, 2012, the federal court granted Mingo Logan's motion for summary judgment, vacated EPA's Final Determination and found valid and in full force Mingo Logan's Section 404 permit. As described more fully below, EPA appealed that order to the United States Court of Appeals for the DC circuit and by Opinion of the Court dated April 23, 2013, the court reversed the lower court's order and remanded the matter to the district court for further proceedings.



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On April 5, 2012, Mingo Logan moved to lift the stay referenced above. On June 5, 2012, the Court entered an order lifting the stay and allowing the case to proceed on Mingo Logan's Motion for Summary Judgment. Shortly thereafter, OVEC filed a motion for leave to file a seventh amended and supplemental complaint seeking to update existing counts and raising two new claims (one, to enforce EPA's Final Determination and, the other, that the Corps' refusal to prepare a Supplemental Environmental Impact Statement violates the APA and NEPA). By Memorandum, Opinion and Order dated July 25, 2012, the Court granted OVEC's motion and directed the Clerk to file OVEC's Seventh Amended and Supplemental Complaint. Mingo Logan filed its Motion for Summary Judgment on August 31, 2012, along with its Answer to the Seventh Amended and Supplemental Complaint and the matter remains pending before the Court.

**EPA Actions Related to Water Discharges from the Spruce Permit**

By letter of September 3, 2009, the EPA asked the Corps of Engineers to suspend, revoke or modify the existing permit it issued in January 2007 to Mingo Logan under Section 404 of the Clean Water Act, claiming that new information and circumstances have arisen which justify reconsideration of the permit. By letter of September 30, 2009, the Corps of Engineers advised the EPA that it would not reconsider its decision to issue the permit. By letter of October 16, 2009, the EPA advised the Corps that it has reason to believe that the Mingo Logan mine will have unacceptable adverse impacts to fish and wildlife resources and that it intends to issue a public notice of a proposed determination to restrict or prohibit discharges of fill material that already are approved by the Corps' permit. By federal register publication dated April 2, 2010, the EPA issued its Proposed Determination to Prohibit, Restrict or Deny the Specification, or the Use for Specification of an Area as a Disposal Site: Spruce No. 1 Surface Mine, Logan County, WV pursuant to Section 404(c) of the Clean Water Act, the EPA accepted written comments on its proposed action (sometimes known as a veto proceeding), through June 4, 2010 and conducted a public hearing, as well, on May 18, 2010. We submitted comments on the action during this period. On September 24, 2010, the EPA Region 3 issued a Recommended Determination to the EPA Administrator recommending that the EPA prohibit the placement of fill material in two of the three watersheds for which filling is approved under the current Section 404 permit. Mingo Logan, along with the Corps, West Virginia DEP and the mineral owner, engaged in a consultation with the EPA as required by the regulations, to discuss corrective action to address the unacceptable adverse effects identified. On January 13, 2011, the EPA issued its Final Determination pursuant to Section 404(c) of the Clean Water Act to withdraw the specification of two of the three watersheds approved in the current Section 404 permit as a disposal site for dredged or fill material. By separate action, Mingo Logan sued the EPA on April 2, 2010 in federal court in Washington, D.C. seeking a ruling that the EPA has no authority under the Clean Water Act to veto a previously issued permit (Mingo Logan Coal Company, Inc. v. USEPA, No. 1:10-cv-00541(D.D.C.)). The EPA moved to dismiss that action, and we responded to that motion.

Pursuant to a scheduling order for summary disposition of the case, motions and cross-motions for summary judgment by both parties were filed. On November 30, 2011, the court heard arguments from the parties limited only to the threshold issue of whether the EPA had the authority under Section 404(c) of the Clean Water Act to withdraw the specification of the disposal site after the Corps had already issued a permit under Section 404(a). The court deferred consideration of the remaining issue (i.e. whether the EPA's Final Determination is otherwise lawful) until after consideration of the threshold issue. On March 23, 2012, the court entered an Order and a Memorandum Opinion granting Mingo Logan's motion for summary judgment, denying the EPA's cross-motion for summary judgment, vacating the Final Determination and ordering that Mingo Logan's Section 404 permit remains valid and in full force.

On May 11, 2012, EPA filed a notice of appeal to the United States Court of Appeals for the District of Columbia Circuit. The court heard oral arguments on March 14, 2013. By opinion of the court filed on April 23, 2013, the court reversed the district court on the threshold issue and remanded the matter to the district court to address the merits of our APA challenge to the Final Determination. On June 6, 2013, Mingo Logan filed a Petition for Rehearing En Banc and by Order filed July 25, 2013, the court denied the petition. Mingo Logan intends to seek further review of this case and will file a petition for writ of certiorari in the Supreme Court of the United States.

**Allegheny Energy Contract Matter**

Allegheny Energy Supply ( Allegheny ), the sole customer of coal produced at our subsidiary Wolf Run Mining Company s ( Wolf Run ) Sycamore No. 2 mine, filed a lawsuit against Wolf Run, Hunter Ridge Holdings, Inc. ( Hunter Ridge ), and ICG in state court in Allegheny County, Pennsylvania on December 28, 2006, and amended its complaint on April 23, 2007. Allegheny claimed that Wolf Run breached a coal supply contract when it declared force majeure under the contract upon idling the Sycamore No. 2 mine in the third quarter of 2006, and that Wolf Run continued to breach the contract by failing to ship in volumes referenced in the contract. The Sycamore No. 2 mine was idled after encountering adverse geologic conditions and abandoned gas wells that were previously unidentified and unmapped.

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After extensive searching for gas wells and rehabilitation of the mine, it was re-opened in 2007, but with notice to Allegheny that it would necessarily operate at reduced volumes in order to safely and effectively avoid the many gas wells within the reserve. The amended complaint also alleged that the production stoppages constitute a breach of the guarantee agreement by Hunter Ridge and breach of certain representations made upon entering into the contract in early 2005. Allegheny voluntarily dropped the breach of representation claims later. Allegheny claimed that it would incur costs in excess of \$100 million to purchase replacement coal over the life of the contract. ICG, Wolf Run and Hunter Ridge answered the amended complaint on August 13, 2007, disputing all of the remaining claims.

On November 3, 2008, ICG, Wolf Run and Hunter Ridge filed an amended answer and counterclaim against the plaintiffs seeking to void the coal supply agreement due to, among other things, fraudulent inducement and conspiracy. On September 23, 2009, Allegheny filed a second amended complaint alleging several alternative theories of liability in its effort to extend contractual liability to ICG, which was not a party to the original contract and did not exist at the time Wolf Run and Allegheny entered into the contract. No new substantive claims were asserted. ICG answered the second amended complaint on October 13, 2009, denying all of the new claims. The Company's counterclaim was dismissed on motion for summary judgment entered on May 11, 2010. Allegheny's claims against ICG were also dismissed by summary judgment, but the claims against Wolf Run and Hunter Ridge were not. The court conducted a non-jury trial of this matter beginning on January 10, 2011 and concluding on February 1, 2011.

At the trial, Allegheny presented its evidence for breach of contract and claimed that it is entitled to past and future damages in the aggregate of between \$228 million and \$377 million. Wolf Run and Hunter Ridge presented their defense of the claims, including evidence with respect to the existence of force majeure conditions and excuse under the contract and applicable law. Wolf Run and Hunter Ridge presented evidence that Allegheny's damages calculations were significantly inflated because it did not seek to determine damages as of the time of the breach and in some instances artificially assumed future nondelivery or did not take into account the apparent requirement to supply coal in the future. On May 2, 2011, the trial court entered a Memorandum and Verdict determining that Wolf Run had breached the coal supply contract and that the performance shortfall was not excused by force majeure. The trial court awarded total damages and interest in the amount of \$104.1 million, which consisted of \$13.8 million for past damages, and \$90.3 million for future damages. ICG and Allegheny filed post-verdict motions in the trial court and on August 23, 2011, the court denied the parties' motions. The court entered a final judgment on August 25, 2011, in the amount of \$104.1 million, which included pre-judgment interest.

The parties appealed the lower court's decision to the Superior Court of Pennsylvania. On August 13, 2012, the Superior Court of Pennsylvania affirmed the award of past damages, but ruled that the lower court should have calculated future damages as of the date of breach, and remanded the matter back to the lower court with instructions to recalculate that portion of the award. On November 19, 2012, Allegheny filed a Petition for Allowance of Appeal with the Supreme Court of Pennsylvania and Wolf Run and Hunter Ridge filed an Answer. On July 2, 2013, the Supreme Court of Pennsylvania denied the Petition of Allowance. As this action finalized the past damage award, Wolf Run paid \$15.6 million for the past damage amount, including interest, to Allegheny in July 2013. The future damage award is now back before the lower court, but no hearing dates have been set at this time.

**ICG Hazard**

The Sierra Club, on December 3, 2010, filed a Notice of Intent (NOI) to sue ICG Hazard, LLC (Hazard), alleging violations of the Clean Water Act and the Surface Mining Control and Reclamation Act of 1977 at Hazard's Thunder Ridge surface mine. The NOI, which was supplemented by a revised filing on February 24, 2011, claims that Hazard is discharging selenium and contributing to conductivity levels in the receiving streams in violation of state and federal regulations. On May 24, 2011, the Sierra Club sued Hazard in U.S. District Court for the Eastern District of Kentucky under the Citizens Suit provisions of the Clean Water Act and the Surface Mining Control and Reclamation Act seeking civil penalties, injunctive relief and attorneys' fees. On February 17, 2012, ICG Hazard filed a motion for summary judgment. Also on February 17, 2012, the Sierra Club filed a competing motion for summary judgment.

On September 28, 2012, the court entered a Memorandum Opinion and Order granting Hazard summary judgment on both Clean Water Act ( CWA ) and Surface Mining Control and Reclamation Act ( SMCRA ) claims finding that the CWA permit shield applies and that the SMCRA cannot be used to circumvent the CWA permit shield with respect to point source discharges. The court denied summary judgment to the extent the facts showed there were non-point source discharges from areas disturbed by surface mining activities. On October 4, 2012, the Sierra Club filed a Motion to Clarify Claims and Request Final Judgment Order notifying the court that all of its claims in the matter involved discharges from discrete point sources and that there remain no issues of law or fact that require court resolution. The court entered a final judgment on January 11, 2013. On January 22, 2013, the Sierra Club filed a notice of appeal to the United States Court of Appeals for the Sixth Circuit. The matter has been fully briefed and the parties are awaiting further instructions from the court related to oral argument and disposition.

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**Patriot Coal Corporation Bankruptcy**

On December 31, 2005, we entered into a purchase and sale agreement with Magnum Coal Company ( Magnum ) to sell certain assets to Magnum. On July 23, 2008, Patriot Coal Corporation acquired Magnum. On July 9, 2012, Patriot Coal Corporation and certain of its wholly owned subsidiaries, including Magnum (collectively, Patriot ), filed voluntary petitions for reorganization under Chapter 11 of the U.S. Code in the U.S. Bankruptcy Court for the Southern District of New York.

On September 20, 2012, Patriot filed a motion with the U.S. Bankruptcy Court for the Southern District of New York to reject a master coal sales agreement entered into on December 31, 2005 between us and Magnum, which was established in order to meet obligations under a coal sales agreement with a customer who did not consent to the assignment of their contract to Magnum. On December 18, 2012, the court accepted Patriot s motion to reject the master coal sales agreement. As a result of the court s decision, Arch accrued \$58.3 million, representing the discounted value of the remaining monthly buyout amounts under the underlying coal sales agreement.

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

In September 2006, our board of directors authorized a share repurchase program for the purchase of up to 14,000,000 shares of our common stock. There is no expiration date on the current authorization, and we have not made any decisions to suspend or cancel purchases under the program. As of June 30, 2013, there were 10,925,800 shares of our common stock available for purchase under this program. We did not purchase any shares of our common stock under this program during the quarter ended June 30, 2013. Based on the closing price of our common stock as reported on the New York Stock Exchange on July 31, 2013, the approximate dollar value of our common stock that may yet be purchased under this program was \$43 million.

**Item 4. Mine Safety Disclosures.**

The statement concerning mine safety violations or other regulatory matters required by Section 1503(a) of the Dodd-Frank Wall Street Reform and Consumer Protection Act and Item 104 of Regulation S-K is included in Exhibit 95 to this Quarterly Report on Form 10-Q for the period ended June 30, 2013.

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**Item 6. Exhibits.**

The following is a list of exhibits filed as part of this Quarterly Report on Form 10-Q:

- 3.1 Certificate of Formation of Arch Flint Ridge, LLC
- 3.2 Limited Liability Company Agreement of Arch Flint Ridge, LLC
- 4.1 Ninth Supplemental Indenture, dated as of July 26, 2013, by and among Arch Coal, Inc., the subsidiary guarantors named therein and U.S. Bank National Association, as trustee
- 4.2 Seventh Supplemental Indenture, dated as of July 26, 2013, by and among Arch Coal, Inc., the subsidiary guarantors named therein and U.S. Bank National Association, as trustee
- 4.3 Fifth Supplemental Indenture, dated as of July 26, 2013, by and among Arch Coal, Inc., the subsidiary guarantors named therein and UMB Bank National Association, as trustee
- 4.4 First Supplemental Indenture, dated as of July 26, 2013, by and among Arch Coal, Inc., the subsidiary guarantors named therein and UMB Bank National Association, as trustee
- 12.1 Computation of ratio of earnings to combined fixed charges and preference dividends.
- 31.1 Rule 13a-14(a)/15d-14(a) Certification of John W. Eaves.
- 31.2 Rule 13a-14(a)/15d-14(a) Certification of John T. Drexler.
- 32.1 Section 1350 Certification of John W. Eaves.
- 32.2 Section 1350 Certification of John T. Drexler.
- 95 Mine Safety Disclosure Exhibit
- 101 Interactive Data File (Form 10-Q for the period ended June 30, 2013 filed in XBRL). The financial information contained in the XBRL-related documents is unaudited and unreviewed.

**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.

Arch Coal, Inc.

By:

/s/ John T. Drexler  
John T. Drexler  
Senior Vice President and Chief Financial Officer  
(On behalf of the registrant and as Principal  
Financial Officer)

August 8, 2013