

ARCH COAL INC  
Form 10-Q  
August 09, 2016  
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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, 2016

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 43-0921172

(State or other jurisdiction (I.R.S. Employer  
of incorporation or organization) Identification Number)

One CityPlace Drive, Suite 300, St. Louis, Missouri 63141

(Address of principal executive offices) (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  Accelerated filer

Non-accelerated filer  Smaller reporting company

(Do not check if a 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

At August 1, 2016 there were 21,293,090 shares of the registrant's common stock outstanding.

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FINANCIAL INFORMATION

## Item 1. Financial Statements.

Arch Coal, Inc. and Subsidiaries  
(Debtor-in-Possession)  
Condensed Consolidated Statements of Operations  
(in thousands, except per share data)

	Three Months Ended June 30, 2016		Six Months Ended June 30, 2015	
	2016	2015	2016	2015
	(Unaudited)			
Revenues	\$420,298	\$644,462	\$848,404	\$1,321,467
Costs, expenses and other operating				
Cost of sales (exclusive of items shown separately below)	419,042	566,252	838,358	1,128,574
Depreciation, depletion and amortization	58,459	97,372	122,158	202,246
Amortization of acquired sales contracts, net	1	(1,644)	(832)	(5,034)
Change in fair value of coal derivatives and coal trading activities, net	1,158	1,211	2,368	2,431
Asset impairment and mine closure costs	43,701	19,146	129,221	19,146
Selling, general and administrative expenses	19,019	24,268	38,845	46,873
Other operating (income) expense, net	(10,561)	7,403	(12,781)	16,489
	530,819	714,008	1,117,337	1,410,725
Loss from operations	(110,521)	(69,546)	(268,933)	(89,258)
Interest expense, net				
Interest expense (contractual interest of \$100,767 and \$199,332 for the three and six months ended June 30, 2016)	(45,273)	(99,574)	(89,724)	(198,826)
Interest and investment income	933	962	2,071	3,335
	(44,340)	(98,612)	(87,653)	(195,491)
Loss before nonoperating expenses	(154,861)	(168,158)	(356,586)	(284,749)
Nonoperating expenses				
Expenses related to proposed debt restructuring	—	(4,016)	(2,213)	(4,016)
Reorganization items, net	(21,271)	—	(25,146)	—
	(21,271)	(4,016)	(27,359)	(4,016)
Loss before income taxes	(176,132)	(172,174)	(383,945)	(288,765)
Benefit from income taxes	(245)	(4,071)	(1,356)	(7,467)
Net loss	\$(175,887)	\$(168,103)	\$(382,589)	\$(281,298)
Net loss per common share				
Basic and diluted - Net loss per share	\$(8.26)	\$(7.90)	\$(17.97)	\$(13.22)
Basic and diluted weighted average shares outstanding	21,293	21,291	21,293	21,279

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

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Arch Coal, Inc. and Subsidiaries  
 (Debtor-in-Possession)  
 Condensed Consolidated Statements of Comprehensive Income (Loss)  
 (in thousands)

	Three Months Ended June 30, 2016		Six Months Ended June 30, 2015	
	2016	2015	2016	2015
Net loss	\$(175,887)		\$(168,103)	
			\$(382,589)	
			\$(281,298)	
Derivative instruments				
Comprehensive income (loss) before tax	(162	) (3,199	) (386	) 1,846
Income tax benefit (provision)	—	1,153	81	(664
	(162	) (2,046	) (305	) 1,182
Pension, postretirement and other post-employment benefits				
Comprehensive income (loss) before tax	(2,749	) 3,474	(4,087	) 3,768
Income tax benefit (provision)	—	(1,252	) 481	(1,357
	(2,749	) 2,222	(3,606	) 2,411
Available-for-sale securities				
Comprehensive income (loss) before tax	504	68	3,407	359
Income tax benefit (provision)	—	(28	) (1,043	) (132
	504	40	2,364	227
Total other comprehensive income (loss)	(2,407	) 216	(1,547	) 3,820
Total comprehensive loss	\$(178,294)		\$(167,887)	
			\$(384,136)	
			\$(277,478)	

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

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

	June 30, 2016 (Unaudited)	December 31, 2015
Assets		
Current assets		
Cash and cash equivalents	\$269,814	\$450,781
Short term investments	203,417	200,192
Restricted cash	102,236	97,542
Trade accounts receivable (net of allowance for doubtful accounts of \$7.8 million for both periods, respectively.	129,087	117,405
Other receivables	15,377	18,362
Inventories	172,698	196,720
Prepaid royalties	7,737	10,022
Coal derivative assets	4,091	8,035
Other current assets	39,741	39,866
Total current assets	944,198	1,138,925
Property, plant and equipment, net	3,493,553	3,619,029
Other assets		
Prepaid royalties	20,997	23,671
Equity investments	163,772	201,877
Other noncurrent assets	62,705	58,379
Total other assets	247,474	283,927
Total assets	\$4,685,225	\$5,041,881
Liabilities and Stockholders' Deficit		
Liabilities not subject to compromise		
Accounts payable	\$78,043	\$128,131
Accrued expenses and other current liabilities	153,028	329,450
Current maturities of debt	—	5,042,353
Total current liabilities	231,071	5,499,934
Long-term debt	—	30,953
Asset retirement obligations	390,634	396,659
Accrued pension benefits	19,853	27,373
Accrued postretirement benefits other than pension	87,286	99,810
Accrued workers' compensation	118,997	112,270
Other noncurrent liabilities	33,918	119,171
Total liabilities not subject to compromise	881,759	6,286,170
Liabilities subject to compromise	5,430,456	—
Total liabilities	6,312,215	6,286,170
Stockholders' deficit		
Common stock, \$0.01 par value, authorized 26,000 shares, issued 21,448 shares and 21,446 shares at June 30, 2016 and December 31, 2015, respectively	2,145	2,145

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Paid-in capital	3,055,646	3,054,211
Treasury stock, at cost, 152 shares at June 30, 2016 and December 31, 2015	(53,863 )	(53,863 )
Accumulated deficit	(4,627,556 )	(4,244,967 )
Accumulated other comprehensive loss	(3,362 )	(1,815 )
Total stockholders' deficit	(1,626,990 )	(1,244,289 )
Total liabilities and stockholders' deficit	\$4,685,225	\$5,041,881

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

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Arch Coal, Inc. and Subsidiaries  
 (Debtor-in-Possession)  
 Condensed Consolidated Statements of Cash Flows  
 (in thousands)

	Six Months Ended June 30,	
	2016	2015
	(Unaudited)	
Operating activities		
Net loss	\$(382,589)	\$(281,298)
Adjustments to reconcile net loss to cash used in operating activities:		
Depreciation, depletion and amortization	122,158	202,246
Amortization of acquired sales contracts, net	(832	) (5,034
Amortization relating to financing activities	7,657	12,539
Prepaid royalties expensed	1,770	3,939
Employee stock-based compensation expense	1,435	3,354
Asset impairment and non-cash mine closure costs	119,194	17,242
Non-cash bankruptcy reorganization items	(14,892	) —
Expenses related to proposed debt restructuring	2,213	4,016
Gains on disposals and divestitures, net	(6,269	) (1,325
Deferred income taxes	(418	) (7,510
Changes in:		
Receivables	(7,776	) 12,433
Inventories	21,152	(33,743
Accounts payable, accrued expenses and other current liabilities	84,160	(56,419
Income taxes, net	(937	) (37
Other	(6,278	) 4,022
Cash used in operating activities	(60,252	) (125,575
Investing activities		
Capital expenditures	(74,137	) (99,361
Additions to prepaid royalties	(217	) (409
Proceeds from (consideration paid for) disposals and divestitures	(3,303	) 991
Purchases of marketable securities	(98,750	) (161,336
Proceeds from sale or maturity of marketable securities and other investments	94,589	157,729
Investments in and advances to affiliates	(2,890	) (5,138
Deposits of restricted cash	(4,695	) (37,885
Cash used in investing activities	(89,403	) (145,409
Financing activities		
Payments on term loan	—	(9,750
Net payments on other debt	(10,293	) (9,826
Expenses related to proposed debt restructuring	(2,213	) (4,016
Debt financing costs	(18,806	) —
Cash used in financing activities	(31,312	) (23,592
Decrease in cash and cash equivalents	(180,967	) (294,576
Cash and cash equivalents, beginning of period	450,781	734,231
Cash and cash equivalents, end of period	\$269,814	\$439,655



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

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Arch Coal, Inc. and Subsidiaries  
(Debtor-in-Possession)  
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 (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, Virginia, Illinois, Wyoming and Colorado. All subsidiaries are wholly-owned. Intercompany transactions and accounts have been eliminated in consolidation.

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 months ended June 30, 2016 are not necessarily indicative of results to be expected for the year ending December 31, 2016. 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, 2015 included in the Company’s Annual Report on Form 10-K filed with the U.S. Securities and Exchange Commission.

On August 4, 2015 the Company affected a 1-for-10 reverse stock split of its common stock. Each stockholder's percentage ownership and proportional voting power remained unchanged as a result of the reverse stock split. All applicable share data, per share amounts and related information in the Condensed Consolidated Financial Statements and notes thereto have been adjusted retroactively to give effect to the 1-for-10 reverse stock split.

Filing Under Chapter 11 of the United States Bankruptcy Code

On January 11, 2016 (the “Petition Date”), the Company and substantially all of its wholly owned domestic subsidiaries (the “Filing Subsidiaries” and, together with Arch, the “Debtors”) filed voluntary petitions for reorganization (collectively, the “Bankruptcy Petitions”) under Chapter 11 of Title 11 of the U.S. Code (the “Bankruptcy Code”) in the United States Bankruptcy Court for the Eastern District of Missouri (the “Court”). The Debtor’s Chapter 11 Cases (collectively, the “Chapter 11 Cases”) are being jointly administered under the caption In re Arch Coal, Inc., et al. Case No. 16-40120 (lead case). Each Debtor will continue to operate its business as a “debtor in possession” under the jurisdiction of the Court and in accordance with the applicable provisions of the Bankruptcy Code and the orders of the Court.

The filing of the Bankruptcy Petitions constituted an event of default that accelerated the Company's obligations under the documents governing each of its 7.00% senior notes due 2019, 9.875% senior notes due 2019, 8.00% senior secured second lien notes due 2019, 7.25% senior notes due 2020, 7.25% senior notes due 2021 (together, the “senior notes”) and senior secured first lien term loan due 2018 (the “Existing Credit Agreement”) (collectively with the senior notes, the “Debt Instruments”). Immediately after filing the Bankruptcy Petitions, the Company began notifying all known current or potential creditors of the Debtors of the bankruptcy filings.

Additionally, on the Petition Date, the New York Stock Exchange (the “NYSE”) determined that the Company's stock was no longer suitable for listing pursuant to Section 8.02.01D of the NYSE continued listing standards and trading in the Company’s common stock was suspended on January 11, 2016. The Company expects that its existing common stock will be extinguished upon the Company's emergence from Chapter 11 and existing equity holders will not receive consideration in respect of their equity interests.

On the Petition Date, the Debtors filed a number of motions with the Court generally designed to stabilize their operations and facilitate the Debtors' transition into Chapter 11. Certain of these motions sought authority from the Court for the Debtors to make payments upon, or otherwise honor, certain pre-petition obligations (e.g., obligations related to certain employee wages, salaries and benefits and certain vendors and other providers essential to the Debtors' businesses). The Court has entered orders approving the relief sought in these motions, in certain cases on an interim basis.

Pursuant to Section 362 of the Bankruptcy Code, the filing of the Bankruptcy Petitions automatically stayed most actions against the Debtors, including actions to collect indebtedness incurred prior to the Petition Date or to exercise control over the Debtors' property. Subject to certain exceptions under the Bankruptcy Code, the filing of the Debtors' Chapter 11 Cases also automatically stayed the continuation of most legal proceedings or the filing of other actions against or on behalf of the Debtors or their property to recover on, collect or secure a claim arising prior to the Petition Date or to exercise control over property of

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the Debtors' bankruptcy estates, unless and until the Court modifies or lifts the automatic stay as to any such claim. Notwithstanding the general application of the automatic stay described above, governmental authorities may determine to continue actions brought under their police and regulatory powers.

As required by the Bankruptcy Code, the U.S. Trustee for the Eastern District of Missouri appointed an official committee of unsecured creditors (the "Creditors' Committee") on January 25, 2016. The Creditors' Committee represents all unsecured creditors of the Debtors and has a right to be heard on all matters that come before the Court.

For periods subsequent to filing the Bankruptcy Petitions, the Company will apply the Financial Accounting Standards Board ("FASB") Accounting Standards Codification ("ASC") 852, "Reorganizations", in preparing its consolidated financial statements. ASC 852 requires that financial statements distinguish transactions and events that are directly associated with the reorganization from the ongoing operations of the business. Accordingly, certain revenues, expenses, realized gains and losses and provisions for losses that are realized or incurred in the bankruptcy proceedings have been recorded in a reorganization line item on the Condensed Consolidated Statement of Operations. In addition, the pre-petition obligations that may be impacted by the bankruptcy reorganization process have been classified on the balance sheet as liabilities subject to compromise. These liabilities are reported as the amounts expected to be allowed by the Court, even if they may be settled for lesser amounts.

### Restructuring Support Agreement

As previously disclosed, prior to the Petition Date, certain of the Debtors entered into a Restructuring Support Agreement, dated as of January 10, 2016, which agreement was amended (on February 25, 2016, March 28, 2016, April 26, 2016, May 5, 2016, June 10, 2016 and June 23, 2016). On July 5, 2016, the Debtors entered into an Amended and Restated Restructuring Support Agreement (the "Amended and Restated RSA") with lenders holding more than 75% of the aggregate principal amount of loans outstanding under Arch's pre-petition first lien credit facility, the statutory committee of unsecured creditors appointed in the Chapter 11 Cases pursuant to Section 1102 of the Bankruptcy Code (the "Committee") and certain members of the Committee. See Note 18, "Subsequent Events."

### Approval of the Disclosure Statement; Solicitation of Votes on the Plan; Confirmation Hearing

On July 6, 2016, the Company filed its Third Amended Joint Plan of Reorganization Under Chapter 11 of the Bankruptcy Code (the "Third Amended Plan") and its Disclosure Statement for the Third Amended Plan. On July 8, 2016, the Court entered an order authorizing the Company to solicit acceptances to the Third Amended Plan, setting a voting deadline of August 31, 2016 and scheduling a Confirmation Hearing with respect to the Third Amended Plan on September 13, 2016.

### Debtor-In-Possession Financing

On January 21, 2016, the Superpriority Secured Debtor-in-Possession Credit Agreement (as amended on March 4, 2016, March 28, 2016, April 26, 2016, June 10, 2016 and June 23, 2016, the "DIP Credit Agreement") was entered into by and among the Company, as borrower, certain of the Debtors, as guarantors (the "Guarantors" and, together with the Company, the "Loan Parties"), the lenders from time to time party thereto (the "DIP Lenders") and Wilmington Trust, National Association, as administrative agent and collateral agent for the DIP Lenders (in such capacities, the "DIP Agent").

The DIP Credit Agreement, which has been approved by the Court on a final basis, provides for a super-priority senior secured debtor-in-possession credit facility (the "DIP Facility") consisting of term loans (collectively, the "DIP Term Loan") in the aggregate principal amount of up to \$275 million.

The maturity date of the DIP Facility is the earliest of (i) January 31, 2017, (ii) the date of the substantial consummation of a plan of reorganization that is confirmed pursuant to an order of the Court, (iii) the consummation of the sale of all or substantially all of the assets of the Loan Parties pursuant to Section 363 of the Bankruptcy Code and (iv) the date the obligations under the DIP Facility are accelerated pursuant to the terms of the DIP Credit Agreement. Borrowings under the DIP Facility bear interest at an interest rate per annum equal to, at the Company's option (i) LIBOR plus 9.00%, subject to a 1.00% LIBOR floor or (ii) the base rate plus 8.00%.

At a hearing held on February 23, 2016 in the Chapter 11 Cases, the Court issued an order approving the DIP Facility on a final basis (the "Final Order"), overruling the objections of the Creditors' Committee and certain other parties who asserted, among other things, that the DIP Facility was unnecessary and argued that the Debtors should enter into an alternate debtor-in-possession financing facility proposed by certain members of the Creditors' Committee.

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The Company entered into an amendment to the DIP Credit Agreement, dated as of July 20, 2016. See Note 18, "Subsequent Events."

Securitization Agreement

On January 13, 2016, the Company agreed with its securitization financing providers (the "Securitization Financing Providers") that, subject to certain amendments (the "Amendments"), they will continue the \$200 million trade accounts receivable securitization facility provided to Arch Receivable Company, LLC, a non-debtor special-purpose entity that is a wholly owned subsidiary of the Company ("Arch Receivable") (the "Securitization Facility").

Pursuant to the Amendments, which have been approved by the Court on a final basis, the Debtors agreed to a revised schedule of fees payable to the administrator and the Securitization Financing Providers. The cost of an advance backstopping a letter of credit issued under the Securitization Facility is determined by two factors: (a) a program fee of 2.65% per year and payable on each settlement date to each Securitization Financing Provider deemed to have made such an advance and (b) the "discount," which is calculated based on each Securitization Financing Provider's costs, including its cost of the issuance and placement of short term promissory notes to fund such an advance. On May 9, 2016, the Securitization Facility was amended to exclude account receivables in respect of certain disposed mining operations of one of the Debtors and to effect the release of certain liens relating to such account receivables.

Going Concern

As a result of extremely challenging current market conditions, the Company believes it will require a significant restructuring of its balance sheet in order to continue as a going concern in the long term. The Company's ability to continue as a going concern is dependent upon, among other things, improvement in current market conditions, its ability to become profitable and maintain profitability and its ability to successfully implement its Chapter 11 plan strategy. As a result of the Bankruptcy Petitions, the realization of the Debtors' assets and the satisfaction of liabilities are subject to significant uncertainty. While operating as a debtor-in-possession pursuant to the Bankruptcy Code, the Company may sell or otherwise dispose of or liquidate assets or settle liabilities, subject to the approval of the Court or as otherwise permitted in the ordinary course of business for amounts other than those reflected in the accompanying consolidated financial statements. Further, the Chapter 11 plan is likely to materially change the amounts and classifications of assets and liabilities reported in the Company's Condensed Consolidated Financial Statements.

The accompanying Condensed Consolidated Financial Statements have been prepared assuming that the Company will continue as a going concern. The accompanying consolidated financial statements do not include any adjustments related to the recoverability and classification of assets or the amounts and classification of liabilities that might be necessary should the Company be unable to continue as a going concern.

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2. Accounting Policies

In April 2015, the Financial Accounting Standards Board (“FASB”) issued Accounting Standards Update No. 2015-03 (“ASU 2015-03”), Simplifying the Presentation of Debt Issuance Costs. ASU 2015-03 requires debt issuance costs related to a recognized debt liability to be presented in the balance sheet as a direct deduction from the carrying amount of that liability, consistent with debt discounts. The Company adopted ASU 2015-03 in the first quarter of 2016 as mandated by the standard. Previously reported "other current assets" and "current maturities of debt" have been revised to reflect the retrospective application of the standard.

The following reflects the retrospective application:

December  
31,  
2015  
(in  
thousands)

Other  
current  
assets  
\$104,723  
prior  
to  
revision  
Revision  
of  
debt  
(64,857 )  
issuance  
costs

Other  
current  
assets  
\$30,866  
as  
revised

Current  
maturities  
of  
debt  
\$1,107,210  
prior  
to  
revision  
Revision  
of  
debt  
(64,857 )  
issuance  
costs

Current  
maturities  
\$1,042,353

of  
debt,  
as  
revised

### 3. Accumulated Other Comprehensive Income

The following items are included in accumulated other comprehensive income ("AOCI"):

	Derivative Instruments	Pension, Postretirement and Other Post- Employment Benefits	Available-for- Sale Securities	Accumulated Other Comprehensive Income
	(In thousands)			
Balance at December 31, 2015	\$325	\$ (721 )	\$ (1,419 )	\$ (1,815 )
Unrealized gains (losses)	(65 )	—	507	442
Amounts reclassified from AOCI	(240 )	(3,606 )	1,857	(1,989 )
Balance at June 30, 2016	\$20	\$ (4,327 )	\$ 945	\$ (3,362 )



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The following amounts were reclassified out of AOCI:

Details About AOCI Components	Amounts Reclassified from AOCI				Line Item in the Condensed Consolidated Statement of Operations
	Three Months Ended June 30,		Six Months Ended June 30,		
	2016	2015	2016	2015	
	(In thousands)				
Derivative instruments	\$96	\$2,727	\$321	\$3,208	Revenues
	—	(983 )	(81 )	(1,157 )	Benefit from income taxes
	\$96	\$1,744	\$240	\$2,051	Net of tax
Pension, postretirement and other post-employment benefits					
Amortization of prior service credits <sup>(1)</sup>	\$2,672	\$2,083	\$5,344	\$4,167	
Amortization of actuarial gains (losses), net <sup>(1)</sup>	77	(5,556 )	(1,257 )	(7,934 )	
	2,749	(3,473 )	4,087	(3,767 )	
	—	1,251	(481 )	1,356	Benefit from income taxes
	\$2,749	\$(2,222)	\$3,606	\$(2,411)	Net of tax
Available-for-sale securities	\$—	\$(1,430)	\$(2,895)	\$(4,227)	Interest and investment income
	—	549	1,038	1,556	Benefit from income taxes
	\$—	\$(881 )	\$(1,857)	\$(2,671)	Net of tax

<sup>1</sup> Production-related benefits and workers' compensation costs are included in inventoriable production costs.

#### 4. Reorganization items, net

In accordance with Accounting Codification Standard 852, "Reorganizations," the statement of operations shall portray the results of operations of the reporting entity while it is in Chapter 11. Revenues, expenses (including professional fees), realized gains and losses, and provisions for losses resulting from reorganization and restructuring of the business shall be reported separately as reorganization items.

During the three months ended June 30, 2016, the Company recorded a charge of \$21.3 million in "Reorganization items, net" comprised of professional fee expense of \$22.3 million, partially offset by non-cash gains on rejected contracts of \$1.0 million. Net cash paid for "Reorganization items, net" totaled \$13.6 million during the three months ended June 30, 2016.

During the six months ended June 30, 2016, the Company recorded a charge of \$25.1 million in "Reorganization items, net" comprised of professional fee expense of \$40.0 million, partially offset by non-cash gains on rejected contracts of \$14.9 million. Net cash paid for "Reorganization items, net" totaled \$15.1 million during the six months ended June 30, 2016.

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## 5. Liabilities Subject to Compromise

Liabilities subject to compromise include unsecured or under-secured liabilities incurred prior to the Chapter 11 filing. These liabilities represent the amounts expected to be allowed on known or potential claims to be resolved through the Chapter 11 proceedings and remain subject to future adjustments based on negotiated settlements with claimants, actions of the Court, rejection of executory contracts, proofs of claims or other events. Additionally, liabilities subject to compromise also include certain items that may be assumed under a plan of reorganization, and as such, may be subsequently reclassified to liabilities not subject to compromise. Generally, actions to enforce or otherwise effect payment of pre-petition liabilities are stayed.

Liabilities subject to compromise consists of the following:

	June 30, 2016 (in thousands)
Previously Reported Balance Sheet Line	
Debt	\$5,063,095
Accrued expenses and current liabilities	205,568
Accounts payable	100,047
Noncurrent liabilities	56,114
Accrued pension benefits	5,632
<b>Total Liabilities Subject to Compromise</b>	<b>\$5,430,456</b>

The debt balance included above is net of debt issuance costs of \$64.9 million; for additional information on debt, see Note 11, "Debt and Financing Arrangements."

## 6. Asset Impairment and Mine Closure Costs

During the second quarter of 2016, the Company recorded \$43.7 million of "Asset impairment and mine closure costs" in the Condensed Consolidated Statements of Operations. The amount includes the following: a \$38.0 million impairment of the Company's equity investment in a brownfield bulk commodity terminal on the Columbia River in Longview, Washington as the Company relinquished its ownership rights in exchange for future throughput rights; a \$3.6 million curtailment charge related to the Company's pension, postretirement health and black lung actuarial liabilities due to headcount reductions in the first half of the year; and \$2.1 million of severance expense related to headcount reductions during the quarter.

During the first quarter of 2016, the Company recorded \$85.5 million of "Asset impairment and mine closure costs" in the Condensed Consolidated Statements of Operations. The amount included the following: a \$74.1 million impairment of coal reserves and surface land in Kentucky that are being leased to a mining company that announced plans to idle its current mining operations related to those reserves during the quarter; \$5.1 million of severance expense related to headcount reductions at Company operations; \$3.4 million related to an impairment charge on the portion of an advance royalty balance on a reserve base mined at the Company's Mountain Laurel operation that will not be recouped; and \$2.9 million related to an other-than-temporary-impairment charge on an available-for-sale security.

During the second quarter of 2015, the Company recorded \$19.1 million of "Asset impairment and mine closure costs" in the Condensed Consolidated Statements of Operations. An impairment charge of \$12.2 million relates to the portion of an advance royalty balance on a reserve base mined at the Company's Mountain Laurel, Spruce and Briar Branch operations that will not be recouped based on latest estimates of sales volumes and pricing through the recoupment period which runs through March 2017. Additionally, the Company recorded a \$5.6 million impairment charge related to the closure of a higher cost mining complex, Cumberland River, serving the metallurgical coal markets.

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## 7. Inventories

Inventories consist of the following:

	June 30, 2016	December 31, 2015
	(In thousands)	
Coal	\$61,874	\$85,043
Repair parts and supplies	110,824	111,677
	\$172,698	\$196,720

The repair parts and supplies are stated net of an allowance for slow-moving and obsolete inventories of \$6.5 million at June 30, 2016 and \$6.0 million at December 31, 2015.

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

The Company has invested in marketable debt securities, primarily highly liquid investment grade corporate bonds. 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.

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

	June 30, 2016				Balance Sheet Classification	
	Cost Basis	Gross Unrealized		Fair Value	Short-Term Investments	Other Assets
		Gains	Losses			
	(In thousands)					
Available-for-sale:						
U.S. government and agency securities	\$47,392	\$120	\$—	\$47,512	\$47,512	\$—
Corporate notes and bonds	155,952	38	(85 )	155,905	155,905	—
Equity securities	1,165	1,064	—	2,229	—	2,229
Total Investments	\$204,509	\$1,222	\$(85 )	\$205,646	\$203,417	\$2,229

	December 31, 2015				Balance Sheet Classification	
	Cost Basis	Gross Unrealized		Fair Value	Short-Term Investments	Other Assets
		Gains	Losses			
	(In thousands)					
Available-for-sale:						
U.S. government and agency securities	\$10,007	\$—	\$(12 )	\$9,995	\$9,995	\$—
Corporate notes and bonds	190,496	—	(299 )	190,197	190,197	—
Equity securities	3,938	668	(2,888 )	1,718	—	1,718
Total Investments	\$204,441	\$668	\$(3,199)	\$201,910	\$200,192	\$1,718

The aggregate fair value of investments with unrealized losses that were owned for less than a year was \$73.5 million and \$184.6 million at June 30, 2016 and December 31, 2015, respectively. The aggregate fair value of investments with unrealized losses that were owned for over a year, and were also in a continuous unrealized loss position during that time, was \$35.7 million and \$15.8 million at June 30, 2016 and December 31, 2015, respectively. The unrealized losses in the Company's portfolio at June 30, 2016 are the result of normal market fluctuations. The Company does not currently intend to sell these investments before recovery of their amortized cost base.

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The debt securities outstanding at June 30, 2016 have maturity dates ranging from the third quarter of 2016 through the fourth quarter of 2017. The Company classifies its investments as current based on the nature of the investments and their availability to provide cash for use in current operations.

## 9. 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 41 to 46 million gallons of diesel fuel for use in its operations during 2016. 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, 2016, the Company had protected the price of approximately 62% of its expected purchases for the remainder of the year with out-of-the-money call options with an average strike price of \$2.25 per gallon. Due to the drop in heating oil prices, the Company has layered in 9.8 million gallons of at-the-money call options for the remainder of 2016 representing 49% of expected purchases at an average strike price of \$1.32 per gallon. Additionally, the Company has protected approximately 18% of its expected 2017 purchases with out-of-the-money call options with an average strike price of \$1.60 per gallon. At June 30, 2016, the Company had outstanding heating oil call options for approximately 20 million gallons for the purpose of managing the price risk associated with future diesel purchases. These positions are not accounted for as hedges.

## Coal price risk management positions

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, 2016, the Company held derivatives for risk management purposes that are expected to settle in the following years:

(Tons in thousands)	2016	2017	Total
Coal sales	265	480	745
Coal purchases	165	—	165

The Company has also entered into a nominal quantity of natural gas put options to protect the Company from decreases in natural gas prices, which could impact thermal coal demand. These options are not accounted for as hedges. Additionally, the Company has also entered into a nominal quantity of foreign currency put options protecting for decreases in the Australian to United States dollar exchange rate, which could impact metallurgical coal demand. These options are not accounted for as hedges.

## 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 \$2.7 million of gains during the remainder of 2016.

## 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 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:

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Fair Value of Derivatives (In thousands)	June 30, 2016		December 31, 2015	
	Asset Derivative	Liability Derivative	Asset Derivative	Liability Derivative
<b>Derivatives Designated as Hedging Instruments</b>				
Coal	\$4	\$ (50 )	\$4	\$ (20 )
<b>Derivatives Not Designated as Hedging Instruments</b>				
Heating oil -- diesel purchases	4,266	—	1,017	—
Coal -- held for trading purposes	46,401	(43,798 )	110,653	(104,814)
Coal -- risk management	1,306	(438 )	3,912	(1,947 )
Natural gas	190	—	494	(247 )
Foreign currency	323	—	—	—
Total	52,486	(44,236 )	116,076	(107,008)
Total derivatives	52,490	(44,286 )	116,080	(107,028)
Effect of counterparty netting	(43,810)	43,810	(107,028)	107,028
Net derivatives as classified in the balance sheets	\$8,680	\$ (476 )	\$8,204	\$9,052

		June 30, 2016	December 31, 2015
Net derivatives as reflected on the balance sheets (in thousands)			
Heating oil and foreign currency	Other current assets	\$4,589	\$ 1,017
Coal and natural gas	Coal derivative assets	4,091	8,035
	Accrued expenses and other current liabilities	(476 )	—
		\$8,204	\$ 9,052

The Company had a current asset for the right to reclaim cash collateral of \$0.3 million at June 30, 2016 and the right to reclaim cash collateral of \$1.7 million at December 31, 2015, 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)  
Three Months Ended June 30,

	Gain (Loss) Recognized in Other Comprehensive Income (Effective Portion)		Gains (Losses) Reclassified from Other Comprehensive Income into Income (Effective Portion)	
	2016	2015	2016	2015
Coal sales <sup>(1)</sup>	\$ (73 )	\$ (1,163 )	\$ 157	\$ 4,990
Coal purchases <sup>(2)</sup>	6	687	(61 )	(2,263 )
Totals	\$ (67 )	\$ (476 )	\$ 96	\$ 2,727

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, 2016 and 2015.





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Three Months Ended June 30,

	Gain (Loss) Recognized	
	2016	2015
Coal — unrealized	(3) \$ 19	\$ (875 )
Coal — realized	(4) \$ (180 )	\$ 826
Natural gas — unrealized	(3) \$ 235	\$ (221 )
Heating oil — diesel purchases <sup>(4)</sup>	\$ 2,039	\$ 628
Foreign currency	(4) \$ 34	\$ —

## 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) expense, net

Derivatives used in Cash Flow Hedging Relationships (in thousands)  
Six Months Ended June 30,

	Gain (Loss) Recognized in		Gains (Losses) Reclassified from	
	2016	2015	Other Comprehensive Income(Effective Portion)	Other Comprehensive Income into Income (Effective Portion)
Coal sales	(1) \$ (60 )	\$ 9,102	\$ 1,526	\$ 5,872
Coal purchases <sup>(2)</sup>	(5 )	(4,051 )	(1,205 )	(2,664 )
Totals	\$ (65 )	\$ 5,051	\$ 321	\$ 3,208

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, 2016 and 2015.

Derivatives Not Designated as Hedging Instruments (in thousands)  
Six Months Ended June 30,

	Gain (Loss) Recognized	
	2016	2015
Coal — unrealized	(3) \$ (1,096 )	\$ (1,286 )
Coal — realized	(4) \$ (343 )	\$ 1,917
Natural gas — unrealized	(3) \$ (384 )	\$ (62 )
Heating oil — diesel purchases <sup>(4)</sup>	\$ 1,596	\$ (1,737 )
Foreign currency	(4) \$ (137 )	\$ —

## 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) expense, net

Based on fair values at June 30, 2016, amounts on derivative contracts designated as hedge instruments in cash flow hedges to be reclassified from other comprehensive income into earnings during the next twelve months are immaterial.

Related to its trading portfolio, the Company recognized net unrealized and realized losses of \$1.0 million and net unrealized and realized losses of \$0.1 million during the three months ended June 30, 2016 and 2015, respectively; and net unrealized and realized losses of \$1.0 million and net unrealized and realized losses of \$1.1 million during the six months ended June 30, 2016 and 2015. Gains and losses from trading activities 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.

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## 10. Accrued Expenses and Other Current Liabilities

Accrued expenses and other current liabilities consist of the following:

	June 30, 2016 (In thousands)	December 31, 2015
Payroll and employee benefits	\$58,801	\$58,423
Taxes other than income taxes	97,445	104,755
Interest	162,506	119,785
Acquired sales contracts	—	3,852
Workers' compensation	13,576	16,875
Asset retirement obligations	17,297	13,795
Other	8,971	11,965
	\$358,596	\$329,450
Less: liabilities subject to compromise	(205,568 )	—
	\$153,028	\$329,450

## 11. Debt and Financing Arrangements

	June 30, 2016 (In thousands)	December 31, 2015
Term loan due 2018 (\$1.9 billion face value)	\$1,875,429	\$1,875,429
7.00% senior notes due 2019 at par	1,000,000	1,000,000
9.875% senior notes due 2019 (\$375.0 million face value)	365,600	365,600
8.00% senior secured notes due 2019 at par	350,000	350,000
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	36,923	47,134
Debt issuance costs	(64,857 )	(64,857 )
	5,063,095	5,073,306
Less: liabilities subject to compromise	5,063,095	—
Less: current maturities of debt	—	5,042,353
Long-term debt	\$—	\$30,953

## Acceleration of Debt Obligations; Automatic Stay

The filing of the Bankruptcy Petitions constituted an event of default that accelerated the Company's obligations under the documents governing each of its 7.00% senior notes due 2019, 9.875% senior notes due 2019, 8.00% senior secured second lien notes due 2019, 7.25% senior notes due 2020, 7.25% senior notes due 2021 (together, the "senior notes") and senior secured first lien term loan due 2018. Immediately after filing the Bankruptcy Petitions, the Company began notifying all known current or potential creditors of the Debtors of the bankruptcy filings.

Pursuant to Section 362 of the Bankruptcy Code, the filing of the Bankruptcy Petitions automatically stayed most actions against the Debtors, including actions to collect indebtedness incurred prior to the Petition Date or to exercise control over the Debtors' property. Subject to certain exceptions under the Bankruptcy Code, the filing of the Debtors' Chapter 11 Cases also automatically stayed the continuation of most legal proceedings or the filing of other actions against or on behalf of the Debtors or their property to recover on, collect or secure a claim arising prior to the Petition Date or to exercise control over property of the Debtors' bankruptcy estates, unless and until the Court modifies or lifts

the automatic stay as to any such claim. Notwithstanding the general application of the automatic stay described above, governmental authorities may determine to continue actions brought under their police and regulatory powers.

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### Securitization Agreement

On January 13, 2016, the Company agreed with its securitization financing providers (the “Securitization Financing Providers”) that, subject to certain amendments (the “Amendments”), they will continue the \$200 million trade accounts receivable securitization facility provided to Arch Receivable Company, LLC, a non-debtor special-purpose entity that is a wholly owned subsidiary of the Company (“Arch Receivable”) (the “Securitization Facility”).

Pursuant to the Amendments, which have been approved by the Court on a final basis, the Debtors agreed to a revised schedule of fees payable to the administrator and the Securitization Financing Providers. The cost of an advance backstopping a letter of credit issued under the Securitization Facility is determined by two factors: (a) a program fee of 2.65% per year and payable on each settlement date to each Securitization Financing Provider deemed to have made such an advance and (b) the “discount,” which is calculated based on each Securitization Financing Provider’s costs, including its cost of the issuance and placement of short term promissory notes to fund such an advance.

In connection with the Securitization Facility, Arch Receivable has granted to the administrator (for the benefit of the securitization purchasers) a first priority security interest in all of its assets, including all outstanding accounts receivable generated by the Debtors from the sale of coal and sold through the Securitization Facility (including collections, proceeds and certain other interests related thereto) (the “Receivables”) and all proceeds thereof.

The agreements governing the Securitization Facility provide for the grant of analogous security interests by certain Debtors that generate Receivables from the sale of coal (such Debtors, the “Originators”). The agreements expressly state that the transfers of Receivables from the Originators to Arch and from Arch to Arch Receivable are intended to be true sales of the Receivables. However, if, against the intent of the parties (and notwithstanding entry of an order by the Court which provides that the transfers of the Receivables constitute true sales), any such transfer is recharacterized as a loan or extension of credit, each Originator has granted a first priority prepetition security interest in the Receivables and certain related collateral, pursuant to the agreements governing the Securitization Facility, for the ultimate benefit of the administrator and the Securitization Financing Providers (the “Liens”). The Debtors have agreed, in connection with the Amendments, to effectively extend such Liens to cover Receivables generated on or after the Petition Date.

The Originators do not guarantee the collection of Receivables that have been transferred to Arch Receivable. However, the Originators are obligated to reimburse Arch Receivable for inaccuracy of certain representations and warranties, dilution items with respect to Receivables and certain other limited indemnities (such obligations, the “Repayment Amounts”). Under the agreements governing the Securitization Facility, Arch Receivable is entitled to apply Repayment Amounts to amounts owed under the Securitization Facility.

Further, the Company has executed a performance guarantee through which it has promised to fulfill, or cause Arch Receivable, the designated servicer and each Originator to fulfill, each of their obligations under the agreements governing the Securitization Facility. In addition, as contemplated by the Amendments, the Originators have also executed a performance guarantee promising to fulfill obligations of all Originators under the agreements.

In addition, in connection with the Amendments, the Debtors have granted superpriority claims against the Debtors and in favor of Arch Receivable, the administrator and the Securitization Financing Providers in respect of certain of the Debtors’ obligations under the agreements governing the Securitization Facility, including the Repayment Amounts and certain other limited indemnification and other obligations of the Debtors under the agreements. On May 9, 2016, the Securitization Facility was amended to exclude account receivables in respect of certain disposed mining operations of one of the Debtors and to effect the release of certain liens relating to such account receivables.

### Debtor-In-Possession Financing

On January 21, 2016, the Superpriority Secured Debtor-in-Possession Credit Agreement (as amended on March 4, 2016, March 28, 2016, April 26, 2016, June 10, 2016 and June 23, 2016, the “DIP Credit Agreement”) was entered into by and among the Company, as borrower, certain of the Debtors, as guarantors (the “Guarantors” and, together with the Company, the “Loan Parties”), the lenders from time to time party thereto (the “DIP Lenders”) and Wilmington Trust, National Association, as administrative agent and collateral agent for the DIP Lenders (in such capacities, the “DIP Agent”).

The DIP Credit Agreement, which has been approved by the Court on a final basis, provides for a super-priority senior secured debtor-in-possession credit facility (the “DIP Facility”) consisting of term loans (collectively, the “DIP Term Loan”) in the aggregate principal amount of up to \$275 million.

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The maturity date of the DIP Facility is the earliest of (i) January 31, 2017, (ii) the date of the substantial consummation of a plan of reorganization that is confirmed pursuant to an order of the Court, (iii) the consummation of the sale of all or substantially all of the assets of the Loan Parties pursuant to Section 363 of the Bankruptcy Code and (iv) the date the obligations under the DIP Facility are accelerated pursuant to the terms of the DIP Credit Agreement. Borrowings under the DIP Facility bear interest at an interest rate per annum equal to, at the Company's option (i) LIBOR plus 9.00%, subject to a 1.00% LIBOR floor or (ii) the base rate plus 8.00%.

Obligations under the DIP Credit Agreement are guaranteed on a super-priority senior secured basis by all existing and future wholly-owned domestic subsidiaries of Arch, and all newly created or acquired wholly-owned domestic subsidiaries of Arch, subject to customary limited exceptions.

The lenders under the DIP Credit Agreement have a first priority lien on all encumbered and unencumbered assets of the Loan Parties (the "DIP Lien"), subject to a \$75 million carve-out for super-priority claims relating to the Debtors' self-bonding obligations in Wyoming, a customary professional fees carve-out and certain exceptions.

The Loan Parties are subject to certain financial maintenance covenants under the DIP Credit Agreement, including, without limitation, (i) maximum capital expenditures and (ii) minimum liquidity (defined as unrestricted cash and cash equivalents of the Company and its domestic subsidiaries (other than any securitization subsidiary or bonding subsidiary), plus withdrawable funds from brokerage accounts of the Company and its domestic subsidiaries (other than any securitization subsidiary or bonding subsidiary) plus any unused commitments that are available to be drawn by the Company pursuant to the terms of the DIP Credit Agreement) of (A) \$300 million prior to the entry of the Final Order (as defined below) and (B) \$500 million following the entry of the Final Order, in each case tested on a monthly basis. The DIP Credit Agreement contains customary affirmative and negative covenants and representations for debtor-in-possession financings. In addition to customary events of default for debtor-in-possession financings, the DIP Credit Agreement contains milestones relating to the Chapter 11 Cases and any failure to comply with such milestones constitutes an event of default.

The DIP Facility is subject to certain usual and customary prepayment events, including 100% of net cash proceeds of (i) debt issuances (other than debt permitted to be incurred under the terms of the DIP Credit Agreement), (ii) non-ordinary course asset sales or dispositions in excess of \$50 million in the aggregate (with no individual asset sale or disposition in excess of \$7.5 million) and (iii) any casualty event in excess of \$50 million in the aggregate, subject to customary reinvestment rights, in each case to be applied to prepay the DIP Term Loan. At a hearing held on February 23, 2016 in the Chapter 11 Cases, the Court issued an order approving the DIP Facility on a final basis (the "Final Order"), overruling the objections of the Creditors' Committee and certain other parties who asserted, among other things, that the DIP Facility was unnecessary and argued that the Debtors should enter into an alternate debtor-in-possession financing facility proposed by certain members of the Creditors' Committee.

The Company entered into an amendment to the DIP Credit Agreement, dated as of April 26, 2016, which extended the deadline for the filing of a plan of reorganization and accompanying disclosure statement from April 26, 2016 to May 5, 2016.

The Company entered into an amendment to the DIP Credit Agreement, dated as of July 20, 2016. See Note 18, "Subsequent Events."

The Company paid \$15.6 million in financing fees related to the DIP Facility which have been deferred and are being amortized over the term of the DIP Facility.

Contractual Interest Expense



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The Company has recorded interest expense of \$45.3 million and \$89.7 million for the three and six months ended June 30, 2016 compared to \$99.6 million and \$198.8 million for the three and six months ended June 30, 2015. The reduction in interest expense in the current year is due to the Company's bankruptcy filing. The contractual interest expense parenthetically disclosed on the face of the income statement represents interest expense that the Company was obligated to pay prior to the bankruptcy filing.

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## 12. Income Taxes

During 2016, the Company determined it was more likely than not that the federal and state net operating losses it expects to generate in 2016 will not be realized based on projections of future taxable income. Accordingly, the estimated annual effective rate for the year ended December 31, 2016 includes the impact of recording a valuation allowance against these attributes. During the six months ended June 30, 2016, the Company realized a net tax benefit of \$1.4 million, which included a valuation allowance of \$151.0 million for federal net operating losses and tax credits and \$7.0 million for the state net operating losses.

During the six months ended June 30, 2015, the Company increased its valuation allowance for the portion of the federal and state net operating losses it expected to generate in 2015. The Company increased its valuation allowance by \$104.6 million for the federal net operating losses and \$5.8 million for the state net operating losses.

## 13. 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, natural gas 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, 2016.

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:

	June 30, 2016			
	Total	Level 1	Level 2	Level 3
	(In thousands)			
Assets:				
Investments in marketable securities	\$205,646	\$49,742	\$155,904	\$—
Derivatives	8,680	2,893	977	4,810
Total assets	\$214,326	\$52,635	\$156,881	\$4,810
Liabilities:				
Derivatives	\$476	\$437	\$—	\$39

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, 2016	Six Months Ended June 30, 2016
	(In thousands)	
Balance, beginning of period	\$2,702	\$2,432
Realized and unrealized gains recognized in earnings, net	1,061	202
Realized and unrealized gains recognized in other comprehensive income, net	—	—
Purchases	2,073	3,435
Issuances	(255 )	(488 )
Settlements	(810 )	(810 )
Ending balance	\$4,771	\$4,771

Net unrealized gains of \$1.4 million and \$1.0 million were recognized in the Condensed Consolidated Statement of Operations during the three and six months ended June 30, 2016 related to Level 3 financial instruments held on June 30, 2016.

## Fair Value of Long-Term Debt

At June 30, 2016 and December 31, 2015, the fair value of the Company's debt, including amounts classified as current, was \$928.5 million and \$937.1 million, 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.

## 14. Loss Per Common Share

The effect of options, restricted stock and restricted stock units that were excluded from the calculation of diluted weighted average shares outstanding because the exercise price or grant price of the securities exceeded the average market price of the Company's common stock was immaterial for both the three and six months ended June 30, 2016, and 2015, respectively. 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 was immaterial for both the three and six months ended June 30, 2016 and 2015, respectively.

## 15. Employee Benefit Plans

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

	Three Months Ended June 30, 2016		Six Months Ended June 30, 2015	
	(In thousands)			
Service cost	\$—	\$1	\$—	\$5
Interest cost	3,197	3,695	6,535	7,265
Expected return on plan assets	(4,444)	(4,466 )	(8,982)	(10,231)
Curtailments	454	—	454	—
Amortization of other actuarial losses	924	3,185	1,681	5,243
Net costs (credits)	\$131	\$2,415	\$(312)	\$2,282



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

	Three Months		Six Months Ended	
	Ended June 30,		June 30,	
	2016	2015	2016	2015
	(In thousands)			
Service cost	\$105	\$200	\$265	\$433
Interest cost	1,138	308	2,272	643
Curtailments	(970 )	—	(970 )	—
Amortization of prior service credits	(2,672 )	(2,083 )	(5,345 )	(4,167 )
Amortization of other actuarial losses (gains)	(566 )	(599 )	(1,132 )	(1,055 )
Net credit	\$(2,965)	\$(2,174)	\$(4,910)	\$(4,146)

## 16. Commitments and Contingencies

The Company accrues for costs 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.

In addition, the Company is a party to numerous other claims and lawsuits with respect to various matters. As of June 30, 2016 and December 31, 2015, the Company had accrued \$2.8 million and \$2.8 million, respectively, for all legal matters, of which all amounts are 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.

Pursuant to Section 362 of the Bankruptcy Code, the filing of the Bankruptcy Petitions automatically stayed most actions against the Debtors, including actions to collect indebtedness incurred prior to the Petition Date or to exercise control over the Debtors' property. Subject to certain exceptions under the Bankruptcy Code, the filing of the Debtors' Chapter 11 Cases also automatically stayed the continuation of most legal proceedings or the filing of other actions against or on behalf of the Debtors or their property to recover on, collect or secure a claim arising prior to the Petition Date or to exercise control over property of the Debtors' bankruptcy estates, unless and until the Court modifies or lifts the automatic stay as to any such claim. Notwithstanding the general application of the automatic stay described above, governmental authorities may determine to continue actions brought under their police and regulatory powers.

## 17. Segment Information

The Company's reportable business segments are based on the major coal producing basins in which the Company operates and may include a number of mine complexes. The Company manages its coal sales by coal basin, not by individual mining complex. Geology, coal transportation routes to customers, regulatory environments and coal quality or type are characteristic to a basin, and, accordingly, market and contract pricing have developed by coal basin. Mining operations are evaluated based on adjusted EBITDA, 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; and the Appalachia (APP) segment, with operations primarily in West Virginia. The "Other" category combines other operating segments and includes the Company's coal mining operations in Colorado and Illinois.

Operating segment results for the three and six months ended June 30, 2016 and 2015 are presented below. The Company uses Adjusted EBITDA to assess the operating segments' performance and to allocate resources. The Company's management believes that Adjusted EBITDA presents a useful measure of the Company's ability to service

existing debt and incur additional debt based on ongoing operations. Corporate, Other and Eliminations includes 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.

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	PRB	APP	Other Operating Segments	Corporate, Other and Eliminations	Consolidated
	(in thousands)				
Three Months Ended June 30, 2016					
Revenues	\$207,735	\$170,940	\$41,623	\$ —	\$420,298
Adjusted EBITDA	15,932	(5,963 )	595	(18,924)	(8,360 )
Depreciation, depletion and amortization	30,145	19,422	8,110	782	58,459
Amortization of acquired sales contracts, net	76	(75 )	—	—	1
Capital expenditures	489	6,740	949	60,033	68,211
Three Months Ended June 30, 2015					
Revenues	\$342,480	\$224,298	\$77,684	\$ —	\$644,462
Adjusted EBITDA	56,654	11,427	7,456	(30,209)	45,328
Depreciation, depletion and amortization	42,711	42,203	10,834	1,624	97,372
Amortization of acquired sales contracts, net	(761 )	(883 )	—	—	(1,644 )
Capital expenditures	4,425	7,948	1,668	62,440	76,481
Six Months Ended June 30, 2016					
Revenues	\$430,857	\$344,558	\$72,989	\$ —	\$848,404
Adjusted EBITDA	22,942	1,645	(2,732 )	(40,241)	(18,386 )
Depreciation, depletion and amortization	62,905	41,751	16,043	1,459	122,158
Amortization of acquired sales contracts, net	30	(862 )	—	—	(832 )
Capital expenditures	499	10,369	2,910	60,359	74,137
Six Months Ended June 30, 2015					
Revenues	\$733,686	\$447,737	\$140,044	\$ —	\$1,321,467
Adjusted EBITDA	128,716	51,234	9,147	(61,997)	127,100
Depreciation, depletion and amortization	87,072	90,930	20,889	3,355	202,246
Amortization of acquired sales contracts, net	(2,046 )	(2,988 )	—	—	(5,034 )
Capital expenditures	21,394	11,333	4,310	62,324	99,361

A reconciliation of adjusted EBITDA to consolidated loss before income taxes follows:

	Three Months Ended June 30,		Six Months Ended June 30,	
	2016	2015	2016	2015
	(In thousands)			
Adjusted EBITDA	\$(8,360 )	\$45,328	\$(18,386 )	\$127,100
Depreciation, depletion and amortization	(58,459 )	(97,372 )	(122,158 )	(202,246 )
Amortization of acquired sales contracts, net	(1 )	1,644	832	5,034
Asset impairment and mine closure costs	(43,701 )	(19,146 )	(129,221 )	(19,146 )
Interest expense, net	(44,340 )	(98,612 )	(87,653 )	(195,491 )
Nonoperating expenses	(21,271 )	(4,016 )	(27,359 )	(4,016 )
Loss before income taxes	\$(176,132)	\$(172,174)	\$(383,945)	\$(288,765)





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18. Subsequent Events

Bankruptcy Items

Approval of the Disclosure Statement; Solicitation of Votes on the Plan; Confirmation Hearing

On July 6, 2016, the Company filed its Third Amended Joint Plan of Reorganization Under Chapter 11 of the Bankruptcy Code (the “Third Amended Plan”) and its Disclosure Statement for the Third Amended Plan. On July 8, 2016, the Court entered an order authorizing the Company to solicit acceptances to the Third Amended Plan, setting a voting deadline of August 31, 2016 and scheduling a Confirmation Hearing with respect to the Third Amended Plan on September 13, 2016.

Restructuring Support Agreement

As previously disclosed, on January 11, 2016 (the “Petition Date”), Arch Coal, Inc. (“Arch” or the “Company”) and substantially all of Arch’s wholly owned domestic subsidiaries (the “Filing Subsidiaries” and, together with Arch, the “Debtors”) filed voluntary petitions for reorganization under Chapter 11 of Title 11 of the U.S. Code in the United States Bankruptcy Court for the Eastern District of Missouri (the “Court”).

As also previously disclosed, prior to the Petition Date, certain of the Debtors entered into a Restructuring Support Agreement, dated as of January 10, 2016, which agreement was amended (on February 25, 2016, March 28, 2016, April 26, 2016, May 5, 2016, June 10, 2016 and June 23, 2016). On July 5, 2016, the Debtors entered into an Amended and Restated Restructuring Support Agreement (the “Amended and Restated RSA”) with lenders holding more than 75% of the aggregate principal amount of loans outstanding under Arch’s pre-petition first lien credit facility, the statutory committee of unsecured creditors appointed in the Chapter 11 Cases pursuant to Section 1102 of the Bankruptcy Code (the “Committee”) and certain members of the Committee. Pursuant to the Amended and Restated RSA, the parties thereto have agreed, subject to certain terms and conditions to support, to vote for (as applicable) and not object to a plan of reorganization of the Debtors (the “Plan”) that includes the following terms:

A. Holders of unsecured note claims (including second lien note claims) (the “Class of Unsecured Note Claims”) will receive their pro rata share of:

i) shares of common stock of reorganized Arch Coal (“New Common Stock”) in an amount equal to 6% of the common stock of Arch Coal issued and outstanding upon consummation of the Plan, subject to dilution as set forth in the Plan;

ii) at each holder’s election, (A) warrants, exercisable, at any time for a period of seven years from the effective date of the Plan, into shares of New Common Stock in an amount equal to 12% of the common stock of reorganized Arch Coal issued and outstanding upon consummation of the Plan (at a strike price based on total equity value of \$1.425 billion), on the terms and conditions set forth in the Plan, including anti-dilution and other adjustments to exercise price and number of shares, repurchases of shares of New Common Stock, issuance of capital stock below fair market value, mergers, recapitalizations, business combinations or other “organic changes” and whether such warrants will be exercisable for cash or on a cashless basis or (B) their pro rata share of an amount of cash equal to \$25 million multiplied by the percentage of holders who receive cash in lieu of warrants; and

iii) \$22.636 million cash.

Holders of all other general unsecured claims will receive their pro rata share of \$7.364 million cash.

B. An increase in the amount of cash distributions to the holders of claims under Arch's pre-petition first lien credit facility (the "Senior Lenders") from approximately \$115 million to approximately \$145 million. The percentage of New Common Stock distributed to Senior Lenders pursuant to the Plan will be reduced by the 6% of New Common Stock distributed to holders of general unsecured claims, and subject to further dilution as set forth in the Plan.

C. GSO Capital will release any and all claims or causes of action against the Debtors and the Senior Lenders, including, without limitation, the claims asserted by GSO Capital in the complaint (the "Complaint") filed on May 27, 2016 in Adversary Proceeding No. 16-04072, related to the Debtors, the Chapter 11 Cases and certain private debt exchange offers launched by certain of the Debtors on July 2, 2015 and the Complaint will be withdrawn with prejudice. In consideration for the settlement, GSO Capital will receive \$5 million.

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D. Releases by the Company of all claims or causes of action under chapter 5 of the Bankruptcy Code against pre-petition trade creditors and the directors, officers and other employees Arch Coal, and all agents and representatives of the foregoing, and all claims or causes of action against the Senior Lenders.

E. The standing motions [ECF Nos. [964] and [963]] will each be stayed, and the Debtors', the Senior Lenders' and all other parties in interest's deadlines to object to or otherwise respond to the Standing Motions will be extended until the earlier of (A) the effective date of the Plan, upon which date the Standing Motions will be deemed withdrawn with prejudice and (B) 30 days after the Debtors withdraw or amend the Plan in a manner inconsistent with the agreed terms.

F. A waiver by the Debtors' senior management of their right to receive the first \$6 million in the aggregate of any amounts earned in respect of the 2016 annual incentive compensation program and/or the 2014 long-term incentive performance plan, in each case in existence on the date hereof.

G. Holders of unsecured claims against the Debtors that receive New Common Stock under the Plan will receive usual and customary minority protections, including any minority shareholder protections afforded to Senior Lenders that will be minority holders of New Common Stock under the Plan.

H. A waiver by the Senior Lenders in respect of distributions on account of their deficiency claims under Arch's pre-petition first lien credit facility, but only if the Class of Unsecured Note Claims votes to accept the Plan or, otherwise, only for the benefit of holders of unsecured note claims who voted in favor of the Plan or did not vote and either did not opt out of providing certain voluntary releases set forth in the Plan or executed the Amended and Restated RSA by the deadline on which to vote on the Plan and has not exercised any termination right thereunder.

I. The obligations of the Debtors under the pre-petition first lien credit agreement to indemnify the Senior Lenders and the agents party to the pre-petition first lien credit agreement shall survive the effective date of the Plan and shall not be discharged or released pursuant to the Plan.

J. The Debtors and the Senior Lenders, in consultation with the Committee, will determine whether reorganized Arch Coal will be a publicly reporting company or a privately held company upon emergence. If reorganized Arch Coal is a private company, the Plan will provide for quarterly and annual financial statements and certain current reports to be available on reorganized Arch Coal's website. If reorganized Arch Coal is a public company, the Plan will provide for an unlisted class of common stock, equivalent to the listed stock in respect of dividends and voting and convertible into listed stock, to be available to holders not permitted to hold margin stock.

K. The Board of Directors of reorganized Arch Coal, Inc. will consist of seven directors: (i) the Chief Executive Officer; and (ii) six directors selected by the Ad Hoc Committee Lenders in consultation with the Chief Executive Officer, at least one of which shall be independent.

Debtor-In-Possession Financing

The Company entered into an amendment to the DIP Credit Agreement, dated as of July 20, 2016 which extended the availability period to borrow under the DIP Facility from July 21, 2016 to the earlier to occur of (i) September 30, 2016 and (ii) the termination of the DIP Facility (which the Company currently expects to occur concurrently with its emergence from bankruptcy), with a corresponding extension to the period during which the 5% per annum unused commitment fee is applicable.

19. Supplemental 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 Company and the subsidiaries which are guarantors under the senior notes are Debtors in the Chapter 11 Cases. The following tables present condensed consolidating financial information for (i) the Company (Debtor), (ii) the issuer of the senior notes (Debtor), (iii) the guarantors under the senior notes (Debtor), and (iv) the entities which are not guarantors under the senior notes (Arch Receivable Company, LLC and the Company's subsidiaries outside the United States) (Non-Debtors). These tables provide substantially the same information as would be presented pursuant to the disclosure requirements of ASC 852 with respect to condensed combined financial statements of entities in reorganization proceedings.

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Arch Coal, Inc. and Subsidiaries  
 (Debtor-in-Possession)  
 Condensed Consolidating Statements of Operations  
 Three Months Ended June 30, 2016

	Parent/Issuer	Guarantor Subsidiaries	Non- Guarantor Subsidiaries	Eliminations	Consolidated
	(In thousands)				
Revenues	\$—	\$ 420,298	\$ —	\$ —	\$ 420,298
Costs, expenses and other					
Cost of sales (exclusive of items shown separately below)	3,351	416,239	—	(548)	) 419,042
Depreciation, depletion and amortization	738	57,721	—	—	58,459
Amortization of acquired sales contracts, net	—	1	—	—	1
Change in fair value of coal derivatives and coal trading activities, net	—	1,158	—	—	1,158
Asset impairment and mine closure costs	3,101	40,600	—	—	43,701
Selling, general and administrative expenses	12,959	5,268	1,135	(343)	) 19,019
Other operating (income) expense, net	(3,455)	) (7,117)	) (880)	) 891	(10,561)
	16,694	513,870	255	—	530,819
Loss from investment in subsidiaries	(78,965)	) —	—	78,965	—
Loss from operations	(95,659)	) (93,572)	) (255)	) 78,965	(110,521)
Interest expense, net					
Interest expense (contractual interest of \$100,767 for the three months ended June 30, 2016)	(66,126)	) (6,607)	) (2,312)	) 29,772	(45,273)
Interest and investment income	6,924	22,565	1,216	(29,772)	) 933
	(59,202)	) 15,958	(1,096)	) —	(44,340)
Expenses related to proposed debt restructuring	—	—	—	—	—
Reorganization items, net	(21,271)	) —	—	—	(21,271)
	(21,271)	) —	—	—	(21,271)
Income (loss) from continuing operations before income taxes	(176,132)	) (77,614)	) (1,351)	) 78,965	(176,132)
Benefit from income taxes	(245)	) —	—	—	(245)
Net loss	\$(175,887)	) \$(77,614)	) \$(1,351)	) \$ 78,965	\$(175,887)
Total comprehensive loss	\$(178,294)	) \$(80,467)	) \$(1,351)	) \$ 81,818	\$(178,294)

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Arch Coal, Inc. and Subsidiaries  
 (Debtor-in-Possession)  
 Condensed Consolidating Statements of Operations  
 Three Months Ended June 30, 2015

	Parent/Issuer	Guarantor Subsidiaries	Non- Guarantor Subsidiaries	Eliminations	Consolidated	
	(In thousands)					
Revenues	\$—	\$ 644,462	\$ —	\$ —	\$ 644,462	
Costs, expenses and other						
Cost of sales (exclusive of items shown separately below)	5,908	561,191	—	(847	) 566,252	
Depreciation, depletion and amortization	1,013	96,359	—	—	97,372	
Amortization of acquired sales contracts, net	—	(1,644	) —	—	(1,644	)
Change in fair value of coal derivatives and coal trading activities, net	—	1,211	—	—	1,211	
Asset impairment and mine closure costs	1,225	17,921	—	—	19,146	
Selling, general and administrative expenses	17,166	6,270	1,325	(493	) 24,268	
Other operating (income) expense, net	(138	) 7,483	(1,282	) 1,340	7,403	
	25,174	688,791	43	—	714,008	
Loss from investment in subsidiaries	(30,462	) —	—	30,462	—	
Loss from operations	(55,636	) (44,329	) (43	) 30,462	(69,546	)
Interest expense, net						
Interest expense	(119,231	) (6,576	) (1,127	) 27,360	(99,574	)
Interest and investment income	6,675	20,256	1,391	(27,360	) 962	
	(112,556	) 13,680	264	—	(98,612	)
Expenses related to debt restructuring	(4,016	) —	—	—	(4,016	)
Income (loss) from continuing operations before income taxes	(172,208	) (30,649	) 221	30,462	(172,174	)
Provision for (benefit from) income taxes	(4,105	) —	34	—	(4,071	)
Net income (loss)	\$(168,103)	\$(30,649	) \$ 187	\$ 30,462	\$(168,103	)
Total comprehensive income (loss)	\$(167,887)	\$(30,811	) \$ 187	\$ 30,624	\$(167,887	)





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Arch Coal, Inc. and Subsidiaries  
 (Debtor-in-Possession)  
 Condensed Consolidating Statements of Operations  
 Six Months Ended June 30, 2016

	Parent/Issuer	Guarantor Subsidiaries	Non- Guarantor Subsidiaries	Eliminations	Consolidated
	(In thousands)				
Revenues	\$—	\$ 848,404	\$ —	\$ —	\$ 848,404
Costs, expenses and other					
Cost of sales (exclusive of items shown separately below)	5,537	833,916	—	(1,095 )	838,358
Depreciation, depletion and amortization	1,494	120,664	—	—	122,158
Amortization of acquired sales contracts, net	—	(832 )	—	—	(832 )
Change in fair value of coal derivatives and coal trading activities, net	—	2,368	—	—	2,368
Asset impairment and mine closure costs	6,330	122,891	—	—	129,221
Selling, general and administrative expenses	26,497	10,651	2,407	(710 )	38,845
Other operating (income) expense, net	(4,552 )	(8,268 )	(1,766 )	1,805	(12,781 )
	35,306	1,081,390	641	—	1,117,337
Loss from investment in subsidiaries	(202,953 )	—	—	202,953	—
Loss from operations	(238,259 )	(232,986 )	(641 )	202,953	(268,933 )
Interest expense, net					
Interest expense (contractual interest of \$199,332 for the six months ended June 30, 2016)	(132,365 )	(12,973 )	(4,541 )	60,155	(89,724 )
Interest and investment income	14,034	45,858	2,334	(60,155 )	2,071
	(118,331 )	32,885	(2,207 )	—	(87,653 )
Expenses related to proposed debt restructuring	(2,213 )	—	—	—	(2,213 )
Reorganization items, net	(25,146 )	—	—	—	(25,146 )
	(27,359 )	—	—	—	(27,359 )
Loss from continuing operations before income taxes	(383,949 )	(200,101 )	(2,848 )	202,953	(383,945 )
Provision for (benefit from) income taxes	(1,360 )	—	4	—	(1,356 )
Net loss	\$(382,589)	\$(200,101 )	\$ (2,852 )	\$ 202,953	\$(382,589 )
Total comprehensive loss	\$(384,136)	\$(203,956 )	\$ (2,852 )	\$ 206,808	\$(384,136 )

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Arch Coal, Inc. and Subsidiaries  
 (Debtor-in-Possession)  
 Condensed Consolidating Statements of Operations  
 Six Months Ended June 30, 2015

	Parent/Issuer	Guarantor Subsidiaries	Non- Guarantor Subsidiaries	Eliminations	Consolidated
	(In thousands)				
Revenues	\$—	\$1,321,467	\$ —	\$ —	\$1,321,467
Costs, expenses and other					
Cost of sales (exclusive of items shown separately below)	13,378	1,116,877	—	(1,681 )	1,128,574
Depreciation, depletion and amortization	2,073	200,171	2	—	202,246
Amortization of acquired sales contracts, net	—	(5,034 )	—	—	(5,034 )
Change in fair value of coal derivatives and coal trading activities, net	—	2,431	—	—	2,431
Asset impairment and mine closure costs	1,225	17,921	—	—	19,146
Selling, general and administrative expenses	32,605	12,514	2,773	(1,019 )	46,873
Other operating (income) expense, net	3,562	12,760	(2,533 )	2,700	16,489
	52,843	1,357,640	242	—	1,410,725
Loss from investment in subsidiaries	(9,413 )	—	—	9,413	—
Loss from operations	(62,256 )	(36,173 )	(242 )	9,413	(89,258 )
Interest expense, net					
Interest expense	(237,286 )	(13,340 )	(2,402 )	54,202	(198,826 )
Interest and investment income	14,747	40,030	2,760	(54,202 )	3,335
	(222,539 )	26,690	358	—	(195,491 )
Expenses related to debt restructuring	(4,016 )	—	—	—	(4,016 )
Income (loss) from continuing operations before income taxes	(288,811 )	(9,483 )	116	9,413	(288,765 )
Provision for (benefit from) income taxes	(7,513 )	—	46	—	(7,467 )
Net income (loss)	\$(281,298)	\$(9,483 )	\$ 70	\$ 9,413	\$(281,298 )
Total comprehensive income (loss)	\$(277,478)	\$(6,405 )	\$ 70	\$ 6,335	\$(277,478 )



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Arch Coal, Inc. and Subsidiaries  
(Debtor-in-Possession)  
Condensed Consolidating Balance Sheets  
June 30, 2016

	Parent/Issuer	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	Eliminations	Consolidated
	(In thousands)				
<b>Assets</b>					
Cash and cash equivalents	\$207,932	\$50,426	\$11,456	\$—	\$269,814
Short term investments	203,417	—	—	—	203,417
Restricted cash	—	—	102,236	—	102,236
Receivables	11,935	992	136,479	(4,942)	144,464
Inventories	—	172,698	—	—	172,698
Other	22,370	26,502	2,697	—	51,569
Total current assets	445,654	250,618	252,868	(4,942)	944,198
Property, plant and equipment, net	6,198	3,486,927	—	428	3,493,553
Investment in subsidiaries	4,648,697	—	—	(4,648,697)	—
Intercompany receivables	—	2,269,237	—	(2,269,237)	—
Note receivable from Arch Western	675,000	—	—	(675,000)	—
Other	42,945	203,399	1,130	—	247,474
Total other assets	5,366,642	2,472,636	1,130	(7,592,934)	247,474
Total assets	\$5,818,494	\$6,210,181	\$253,998	\$(7,597,448)	\$4,685,225
<b>Liabilities and Stockholders' Deficit</b>					
<b>Liabilities not subject to compromise</b>					
Accounts payable	\$28,774	\$49,237	\$32	\$—	\$78,043
Accrued expenses and other current liabilities	66,771	90,356	843	(4,942)	153,028
Current maturities of debt	—	—	—	—	—
Total current liabilities	95,545	139,593	875	(4,942)	231,071
Long-term debt	—	—	—	—	—
Intercompany payables	2,038,697	—	230,540	(2,269,237)	—
Note payable to Arch Coal	—	675,000	—	(675,000)	—
Asset retirement obligations	1,043	389,591	—	—	390,634
Accrued pension benefits	3,795	16,058	—	—	19,853
Accrued postretirement benefits other than pension	72,070	15,216	—	—	87,286
Accrued workers' compensation	16,887	102,110	—	—	118,997
Other noncurrent liabilities	11,249	22,461	208	—	33,918
Total liabilities not subject to compromise	2,239,286	1,360,029	231,623	(2,949,179)	881,759
Liabilities subject to compromise	5,206,626	223,830	—	—	5,430,456
Total liabilities	7,445,912	1,583,859	231,623	(2,949,179)	6,312,215
Stockholders' equity (deficit)	(1,627,418)	4,626,322	22,375	(4,648,269)	(1,626,990)
Total liabilities and stockholders' deficit	\$5,818,494	\$6,210,181	\$253,998	\$(7,597,448)	\$4,685,225



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Arch Coal, Inc. and Subsidiaries  
 (Debtor-in-Possession)  
 Condensed Consolidating Balance Sheets  
 December 31, 2015

	Parent/Issuer	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	Eliminations	Consolidated
	(In thousands)				
<b>Assets</b>					
Cash and cash equivalents	\$337,646	\$100,428	\$12,707	\$—	\$450,781
Short term investments	200,192	—	—	—	200,192
Restricted cash	—	—	97,542	—	97,542
Receivables	12,463	3,153	124,581	(4,430)	135,767
Inventories	—	196,720	—	—	196,720
Other	18,160	38,794	969	—	57,923
Total current assets	568,461	339,095	235,799	(4,430)	1,138,925
Property, plant and equipment, net	7,747	3,610,869	—	413	3,619,029
Investment in subsidiaries	4,887,905	—	—	(4,887,905)	—
Intercompany receivables	—	2,253,312	—	(2,253,312)	—
Note receivable from Arch Western	675,000	—	—	(675,000)	—
Other	39,302	243,806	819	—	283,927
Total other assets	5,602,207	2,497,118	819	(7,816,217)	283,927
Total assets	\$6,178,415	\$6,447,082	\$236,618	\$(7,820,234)	\$5,041,881
<b>Liabilities and Stockholders' Deficit</b>					
Accounts payable	\$8,495	\$119,633	\$3	\$—	\$128,131
Accrued expenses and other current liabilities	162,268	170,575	1,037	(4,430)	329,450
Current maturities of debt	5,031,603	10,750	—	—	5,042,353
Total current liabilities	5,202,366	300,958	1,040	(4,430)	5,499,934
Long-term debt	—	30,953	—	—	30,953
Intercompany payables	2,043,308	—	210,005	(2,253,313)	—
Note payable to Arch Coal	—	675,000	—	(675,000)	—
Asset retirement obligations	1,005	395,654	—	—	396,659
Accrued pension benefits	12,390	14,983	—	—	27,373
Accrued postretirement benefits other than pension	79,826	19,984	—	—	99,810
Accrued workers' compensation	24,247	88,023	—	—	112,270
Other noncurrent liabilities	59,976	58,847	348	—	119,171
Total liabilities	7,423,118	1,584,402	211,393	(2,932,743)	6,286,170
Stockholders' equity (deficit)	(1,244,703)	4,862,680	25,225	(4,887,491)	(1,244,289)
Total liabilities and stockholders' deficit	\$6,178,415	\$6,447,082	\$236,618	\$(7,820,234)	\$5,041,881



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Arch Coal, Inc. and Subsidiaries  
 (Debtor-in-Possession)  
 Condensed Consolidating Statements of Cash Flows  
 Six Months Ended June 30, 2016

	Parent/Issuer	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	Eliminations	Consolidated
	(In thousands)				
Cash provided by (used in) operating activities	\$(102,998)	\$ 56,656	\$ (13,910 )	\$	—\$ (60,252 )
Investing Activities					
Capital expenditures	(26 )	(74,111 )	—	—	(74,137 )
Additions to prepaid royalties	—	(217 )	—	—	(217 )
Proceeds from (consideration paid for) disposals and divestitures	—	(3,303 )	—	—	(3,303 )
Purchases of marketable securities	(98,750 )	—	—	—	(98,750 )
Proceeds from sale or maturity of marketable securities and other investments	94,589	—	—	—	94,589
Investments in and advances to affiliates	—	(2,890 )	—	—	(2,890 )
Withdrawals (deposits) of restricted cash	—	—	(4,695 )	—	(4,695 )
Cash used in investing activities	(4,187 )	(80,521 )	(4,695 )	—	(89,403 )
Financing Activities					
Net payments on other debt	(4,372 )	(5,921 )	—	—	(10,293 )
Expenses related to proposed debt restructuring	(2,213 )	—	—	—	(2,213 )
Debt financing costs	(15,625 )	—	(3,181 )	—	(18,806 )
Transactions with affiliates, net	(319 )	(20,216 )	20,535	—	—
Cash provided by (used in) financing activities	(22,529 )	(26,137 )	17,354	—	(31,312 )
Decrease in cash and cash equivalents	(129,714 )	(50,002 )	(1,251 )	—	(180,967 )
Cash and cash equivalents, beginning of period	337,646	100,428	12,707	—	450,781
Cash and cash equivalents, end of period	\$207,932	\$ 50,426	\$ 11,456	\$	—\$ 269,814



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Arch Coal, Inc. and Subsidiaries  
 (Debtor-in-Possession)  
 Condensed Consolidating Statements of Cash Flows  
 Six Months Ended June 30, 2015

	Parent/Issuer	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	Eliminations	Consolidated
	(In thousands)				
Cash provided by (used in) operating activities	\$(295,792)	\$ 163,345	\$ 6,872	\$	—\$(125,575 )
Investing Activities					
Capital expenditures	(815 )	(98,546 )	—	—	(99,361 )
Additions to prepaid royalties	—	(409 )	—	—	(409 )
Proceeds from disposals and divestitures	—	991	—	—	991
Purchases of short term investments	(161,336 )	—	—	—	(161,336 )
Proceeds from sales of short term investments	157,729	—	—	—	157,729
Investments in and advances to affiliates	(788 )	(4,350 )	—	—	(5,138 )
Change in restricted cash	—	—	(37,885 )	) —	(37,885 )
Cash used in investing activities	(5,210 )	(102,314 )	(37,885 )	) —	(145,409 )
Financing Activities					—
Payments on term loan	(9,750 )	—	—	—	(9,750 )
Net payments on other debt	(5,973 )	(3,853 )	—	—	(9,826 )
Expenses related to debt restructuring	(4,016 )	—	—	—	(4,016 )
Transactions with affiliates, net	116,224	(146,968 )	30,744	—	—
Cash provided by (used in) financing activities	96,485	(150,821 )	30,744	—	(23,592 )
Decrease in cash and cash equivalents	(204,517 )	(89,790 )	(269 )	) —	(294,576 )
Cash and cash equivalents, beginning of period	572,185	150,358	11,688	—	734,231
Cash and cash equivalents, end of period	\$367,668	\$ 60,568	\$ 11,419	\$	—\$439,655

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Item 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS.

Overview

Our regional results during the second quarter of 2016, when compared to the second quarter of 2015, were impacted by significant declines in volume and pricing, reflecting continued weakness in all of the markets in which we participate. We have responded by continuing to rationalize volumes and shifting volumes to lower cost operations wherever possible. Additionally we continue to manage input costs and capital expenditures. We have also benefited from lower input pricing, particularly lower diesel fuel pricing.

Pricing for our metallurgical sales during the current quarter declined compared to the prior year quarter due to overhang from the persistent global oversupply that had driven pricing to multi-year lows. Forward pricing began to improve during the current quarter as supply rationalization began to take effect, economic growth, although slow, remained positive, and the U.S. dollar weakened versus key foreign currencies. We sold 1.8 million tons of metallurgical coal during the second quarter of 2016 compared to 1.6 million tons during the second quarter of 2015. Overseas thermal markets are uneconomic for substantially all U.S. production at current pricing levels.

Domestic thermal coal volumes continued their significant decline in all of our operating segments. The historically mild winter, low natural gas pricing, high generator stockpiles, and the effects of the implementation of the Mercury Air Toxics Standards, (MATS), combined to significantly reduce demand in domestic thermal markets. The mild winter weather resulted in decreased space heating demand for natural gas, driving pricing of the competing fuel during the first half of 2016 to levels low enough to displace significant amounts of coal-fueled electric generation throughout the country. Even PRB coal, with its lower cost structure, was significantly impacted by competition from low natural gas prices. The reduced coal burn has left utilities with historically high coal stockpile levels, further depressing demand. Closure of some coal fueled facilities to comply with the MATS regulation further reduced demand compared to the prior year periods. Although the closed coal-fueled plants were generally older, smaller, and less utilized than the remaining fleet, the closures have nevertheless had a negative impact on demand. Late in the current quarter natural gas pricing began to increase as early summer heat, increased gas exports, and stagnant gas production levels began to exert some positive pressure on pricing.

On January 11, 2016 (the "Petition Date"), Arch and substantially all of its wholly owned domestic subsidiaries (the "Filing Subsidiaries" and, together with Arch, the "Debtors") filed voluntary petitions for reorganization (collectively, the "Bankruptcy Petitions") under Chapter 11 of Title 11 of the U.S. Code (the "Bankruptcy Code") in the United States Bankruptcy Court for the Eastern District of Missouri (the "Court"). The Debtor's Chapter 11 Cases (collectively, the "Chapter 11 Cases") are being jointly administered under the caption In re Arch Coal, Inc., et al. Case No. 16-40120 (lead case). Each Debtor will continue to operate its business as a "debtor in possession" under the jurisdiction of the Court and in accordance with the applicable provisions of the Bankruptcy Code and the orders of the Court.

As a result of extremely challenging current market conditions, the Company believes it will require a significant restructuring of its balance sheet in order to continue as a going concern in the long term. The Company's ability to continue as a going concern is dependent upon, among other things, improvement in current market conditions, its ability to become profitable and maintain profitability and its ability to successfully implement its Chapter 11 plan strategy. As a result of the Bankruptcy Petitions, the realization of the Debtors' assets and the satisfaction of liabilities are subject to significant uncertainty. While operating as a debtor-in-possession pursuant to the Bankruptcy Code, the Company may sell or otherwise dispose of or liquidate assets or settle liabilities, subject to the approval of the Court or as otherwise permitted in the ordinary course of business for amounts other than those reflected in the accompanying consolidated financial statements. Further, the Chapter 11 plan is likely to materially change the amounts and classifications of assets and liabilities reported in the Company's Condensed Consolidated Financial

Statements.

### Regional Performance

The following table shows results by operating segment for the three and six months ended June 30, 2016 and compares them with the information for the three and six months ended June 30, 2015. The "Other" category represents the results of our other bituminous thermal operations: our West Elk mining complex in Colorado and our Viper mining complex in Illinois.

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	Three Months		Six Months Ended	
	Ended June 30, 2016	2015	June 30, 2016	2015
<b>Powder River Basin</b>				
Tons sold (in thousands)	15,639	25,544	32,144	54,015
Coal sales per ton sold	\$13.08	\$13.24	\$13.16	\$13.37
Cost per ton sold	\$14.01	\$12.66	\$14.41	\$12.58
Operating margin per ton sold	\$(0.93 )	\$0.58	\$(1.25 )	\$0.79
Adjusted EBITDA (in thousands)	\$15,932	\$56,654	\$22,942	\$128,716
<b>Appalachia</b>				
Tons sold (in thousands)	2,746	3,102	5,578	6,120
Coal sales per ton sold	\$52.62	\$65.83	\$52.00	\$65.53
Cost per ton sold	\$64.22	\$76.46	\$60.55	\$72.56
Operating loss per ton sold	\$(11.60 )	\$(10.63 )	\$(8.55 )	\$(7.03 )
Adjusted EBITDA (in thousands)	\$(5,963 )	\$11,427	\$1,645	\$51,234
<b>Other</b>				
Tons sold (in thousands)	1,069	1,927	1,880	3,546
Coal sales per ton sold	\$31.13	\$30.37	\$31.74	\$31.76
Cost per ton sold	\$38.63	\$25.77	\$41.53	28.25
Operating margin per ton sold	\$(7.50 )	\$4.60	\$(9.79 )	\$3.51
Adjusted EBITDA (in thousands)	\$595	\$7,456	\$(2,732 )	\$9,147

This table reflects numbers reported under a basis that differs from U.S. GAAP. See the "Reconciliation of Non-GAAP measurements" for explanation and reconciliation of these amounts to the nearest GAAP figures. Other companies may calculate these per ton amounts differently, and our calculation may not be comparable to other similarly titled measures.

**Powder River Basin** — Adjusted EBITDA decreased approximately 72% in the second quarter of 2016 when compared to the second quarter of 2015, and approximately 82% in the first six months of 2016 compared to the first six months of 2015. The primary driver of the decline in Adjusted EBITDA is the 40.5% reduction in shipment volume in the first six months of 2016 compared to the first six months of 2015 discussed further in the "Overview" above. Pricing declined slightly in the current quarter and year to date primarily due to the annual roll off and no real replacement of sales orders for 2016. Cost per ton sold increased in the second quarter and first six months of 2016 when compared to the second quarter and first six months of 2015, respectively, due to the decrease in volume partially offset by reduced labor, reduced maintenance activity, lower supply usage, and lower input pricing, particularly lower diesel fuel pricing. Our strategy of protecting against oil price spikes while preserving downside price participation has allowed us to benefit from the decrease in oil pricing in the current period versus the prior year period.

**Appalachia** — Adjusted EBITDA decreased approximately 152% in the second quarter of 2016 when compared to the second quarter of 2015 and approximately 97% in the first six months of 2016 compared to the first six months of 2015. Shipment volume and coal sales per ton sold both declined in the current year periods versus the prior year. Coal sales volumes decreased in the second quarter and first six months of 2016 when compared to the second quarter and first six months of 2015 respectively, due to the idling or sale of three operations impacting the comparative periods, and reduced thermal demand. Metallurgical volume increased in both current year three and six month periods. Pricing declined in the second quarter and first six months of 2016 compared to the second quarter and first six months of 2015 respectively, across all major quality specifications, with the greatest deterioration occurring in metallurgical pricing. As discussed above in the "Overview", supply rationalization began to positively impact spot metallurgical pricing in the current period, but the impact on our realized pricing was muted. Unit cost decreased significantly in the current year periods compared to the prior year periods, due to our continued shift of volume to

lower cost operations, particularly the Leer complex, and the impairment of certain long lived assets in the third and fourth quarters of 2015 which significantly reduced depreciation, depletion, and amortization costs in the current year periods.

Other — Adjusted EBITDA declined in the second quarter and first six months of 2016 when compared to the second quarter and first six months of 2015 due to an approximately 45% and 47% decline in sales volumes in the current year quarter and six month period, respectively. Unit cost increased in the current year periods due to reduced production and shipment volume. Pricing increased in the second quarter of 2016 when compared to the second quarter of 2015 due to an increase in the percentage of tons sold from the higher priced Illinois basin.

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## Results of Operations

## Three Months Ended June 30, 2016 Compared to Three Months Ended June 30, 2015

Revenues. Our revenues consist of coal sales. The following table summarizes information about our coal sales during the three months ended June 30, 2016 and compares it with the information for the three months ended June 30, 2015:

	Three Months Ended June 30,		(Decrease) / Increase
	2016	2015	
	(In thousands)		
Coal sales	\$420,298	\$644,462	\$(224,164)
Tons sold	19,454	30,573	(11,119 )

On a consolidated basis, coal sales decreased in the second quarter of 2016 from the second quarter of 2015, primarily due to the reduction in thermal tons sold of approximately \$194 million. The Powder River Basin accounts for approximately 68% of the value of the thermal volume decrease. Metallurgical and thermal pricing contributed approximately \$34 million and \$10 million to the reduction in coal sales respectively. Increased metallurgical volume offset these decreases by approximately \$14 million. See discussion in "Regional Performance" for further information about regional results.

Costs, expenses and other. The following table summarizes costs, expenses and other components of operating income for the three months ended June 30, 2016 and compares it with the information for the three months ended June 30, 2015:

	Three Months Ended June 30,		(Increase) Decrease in Net Loss
	2016	2015	
	(In thousands)		
Cost of sales (exclusive of items shown separately below)	\$419,042	\$566,252	\$147,210
Depreciation, depletion and amortization	58,459	97,372	38,913
Amortization of acquired sales contracts, net	1	(1,644 )	(1,645 )
Change in fair value of coal derivatives and coal trading activities, net	1,158	1,211	53
Asset impairment and mine closure costs	43,701	19,146	(24,555 )
Selling, general and administrative expenses	19,019	24,268	5,249
Other operating (income) expense, net	(10,561 )	7,403	17,964
Total costs, expenses and other	\$530,819	\$714,008	\$183,189

Cost of sales. Our cost of sales decreased in the second quarter of 2016 from the second quarter of 2015 due to reduced operating activity related to the significant volume decline, and lower input pricing, particularly for diesel fuel. Major categories of reduction include sales related royalties and operating taxes (approximately \$49 million), maintenance (approximately \$24 million), contractor mining costs (approximately \$11 million), labor and benefits (approximately \$27 million), and diesel fuel (approximately \$12 million). See discussion in "Regional Performance" for further information about regional results.

Depreciation, depletion and amortization. When compared with the second quarter of 2015, depreciation, depletion and amortization costs decreased in 2016 due to the impairment of certain long lived assets in the third and fourth quarters of 2015 and the significantly reduced volume levels.

Asset impairment and mine closure costs. During the second quarter of 2016 we sold our interest in Millennium Bulk Terminal in exchange for future through put rights. As a result of the sale, our remaining equity investment in Millennium was impaired. See Note 6, "Asset Impairment and Mine Closure Costs" to the condensed consolidated financial statements for further discussion.

Selling, general and administrative expenses. Total selling, general and administrative expenses decreased when compared with the second quarter of 2015, primarily due to lower compensation related to reduced staffing levels, reduced professional services, and lower professional dues expense.

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Other operating (income) expense, net. Other operating income for the second quarter of 2016 was favorable to other operating expense for the second quarter of 2015 primarily due to a reduction in cost for liquidated damages on logistics contracts of approximately \$14 million, and gains on sales of an idle and an active operation of approximately \$6 million. Substantially all of our agreements for export logistics that resulted in liquidated damages have been rejected in our Chapter 11 bankruptcy proceedings.

Nonoperating Expense. The following table summarizes our nonoperating expense for the three months ended June 30, 2016 and compares it with the information for the three months ended June 30, 2015:

	Three Months Ended June 30,		(Increase) Decrease in Net Loss
	2016	2015	
	(In thousands)		
Expenses related to proposed debt restructuring	\$—	\$(4,016)	\$4,016
Reorganization items, net	(21,271 )	—	(21,271 )
Total nonoperating expense	\$(21,271)	\$(4,016)	\$(17,255)

Nonoperating expenses in the second quarter of 2016 are related to our Chapter 11 reorganization efforts. See further discussion in Note 4, "Reorganization Items, Net", to the condensed consolidated financial statements.

Benefit from income taxes. The following table summarizes our benefit from income taxes for the three months ended June 30, 2016 and compares it with the information for the three months ended June 30, 2015:

	Three Months Ended June 30,		(Increase) Decrease in Net Loss
	2016	2015	
	(In thousands)		
Benefit from income taxes	\$(245)	\$(4,071)	\$(3,826 )

The income tax benefit rate of 0.1% in the second quarter of 2016 decreased from 2.4% in the second quarter of 2015 due to an increase in the percentage of calculated tax benefit subject to a valuation allowance. See further discussion in Note 12, "Income Taxes", to the condensed consolidated financial statements.

## Six Months Ended June 30, 2016 Compared to Six Months Ended June 30, 2015

Revenues. Our revenues consist of coal sales. The following table summarizes information about our coal sales during the six months ended June 30, 2016 and compares it with the information for the six months ended June 30, 2015:

	Six Months Ended June 30,		(Decrease) / Increase
	2016	2015	
	(In thousands)		
Coal sales	\$848,404	\$1,321,467	\$(473,063)



Tons sold 39,603 63,682 (24,079 )

On a consolidated basis, coal sales decreased in the first half of 2016 from the first half of 2015, primarily due to the reduction in thermal tons sold of approximately \$389 million. The Powder River Basin accounts for approximately 75% of the value of the thermal volume decrease. Metallurgical and thermal pricing contributed approximately \$69 million and \$37 million to the reduction in coal sales respectively. Increased metallurgical volume offset these decreases by approximately \$22 million. See discussion in "Regional Performance" for further information about regional results.

Costs, expenses and other. The following table summarizes costs, expenses and other components of operating income for the six months ended June 30, 2016 and compares it with the information for the six months ended June 30, 2015:

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	Six Months Ended June 30,		
	2016	2015	(Increase) Decrease in Net Loss
	(In thousands)		
Cost of sales (exclusive of items shown separately below)	\$838,358	\$1,128,574	\$290,216
Depreciation, depletion and amortization	122,158	202,246	80,088
Amortization of acquired sales contracts, net	(832 )	(5,034 )	(4,202 )
Change in fair value of coal derivatives and coal trading activities, net	2,368	2,431	63
Asset impairment and mine closure costs	129,221	19,146	(110,075 )
Selling, general and administrative expenses	38,845	46,873	8,028
Other operating (income) expense, net	(12,781 )	16,489	29,270
Total costs, expenses and other	\$1,117,337	\$1,410,725	\$293,388

Cost of sales. Our cost of sales decreased in the first half of 2016 from the first half of 2015 due to reduced operating activity related to the significant volume decline, and lower input pricing, particularly for diesel fuel. Major categories of reduction include sales related royalties and operating taxes (approximately \$100 million), maintenance (approximately \$53 million), contractor mining costs (approximately \$34 million), labor and benefits (approximately \$49 million), and diesel fuel (approximately \$27 million). See discussion in "Regional Performance" for further information about regional results.

Depreciation, depletion and amortization. When compared with the first half of 2015, depreciation, depletion and amortization costs decreased in 2016 due to the impairment of certain long lived assets in the third and fourth quarters of 2015 and the significantly reduced volume levels.

Asset impairment and mine closure costs. During the first quarter of 2016 we received notification of intent to idle operations by a third party to whom we leased certain Appalachian reserves. As a result of the idling and weakness in the thermal coal market, we determined these reserves were impaired. During the second quarter of 2016 we sold our interest in Millennium Bulk Terminal while retaining future through put rights. As a result of the sale, our remaining equity investment in Millennium was impaired. See Note 6, "Asset Impairment and Mine Closure Costs" to the condensed consolidated financial statements for further discussion.

Selling, general and administrative expenses. Total selling, general and administrative expenses decreased when compared with the first half of 2015, primarily due to lower compensation, professional services, and professional dues expense.

Other operating (income) expense, net. Other operating income for the first half of 2016 was favorable to other operating expense for the first half of 2015 primarily due to a reduction in cost for liquidated damages on logistics contracts of approximately \$26 million and gains on sales of an idle and an active operation of approximately \$6 million. Substantially all of our agreements for export logistics that resulted in liquidated damages have been rejected in our Chapter 11 bankruptcy proceedings.

Nonoperating Expense. The following table summarizes our nonoperating expense for the six months ended June 30, and compares it with the information for the six months ended June 30, 2015:

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	Six Months Ended June 30,		(Increase) Decrease in Net Loss
	2016	2015	
	(In thousands)		
Expenses related to proposed debt restructuring	\$(2,213 )	\$(4,016)	\$1,803
Reorganization items, net	(25,146 )	—	(25,146 )
Total nonoperating expense	\$(27,359)	\$(4,016)	\$(23,343)

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Nonoperating expenses in the first half of 2016 are related to our proposed debt restructuring activities and Chapter 11 reorganization efforts. See further discussion in Note 4, "Reorganization Items, Net", to the condensed consolidated financial statements.

Benefit from income taxes. The following table summarizes our benefit from income taxes for the six months ended June 30, 2016 and compares it with the information for the six months ended June 30, 2015:

	Six Months Ended		(Increase)
	June 30,		Decrease
	2016	2015	in Net
			Loss
	(In thousands)		
Benefit from income taxes	\$(1,356)	\$(7,467)	\$(6,111 )

The income tax benefit rate of 0.4% in the first half of 2016 decreased from 2.6% in the first half of 2015 due to an increase in the percentage of calculated tax benefit subject to a valuation allowance. See further discussion in Note 12, "Income Taxes", to the condensed consolidated financial statements.

## Reconciliation of NON-GAAP measures

## Segment coal sales per ton sold

Segment coal sales per ton sold are calculated as the segment's coal sales revenues divided by segment tons sold. The segments' sales per tons sold are adjusted for transportation costs, and may be adjusted for other items that, due to accounting rules, are classified in "other operating (income) expense, net" on the statement of operations, but relate to price protection on the sale of coal. Segment sales per ton sold is not a measure of financial performance in accordance with generally accepted accounting principles. We believe segment sales per ton sold better reflects our revenue for the quality of coal sold and our operating results by including all income from coal sales. The adjustments made to arrive at these measures are significant in understanding and assessing our financial condition. Therefore, segment coal sales revenues should not be considered in isolation, nor as an alternative to coal sales revenues under generally accepted accounting principles.

	Three Months Ended		Six Months Ended	
	June 30,		June 30,	
	2016	2015	2016	2015
	(In thousands)			
Reported segment coal sales revenues	\$382,273	\$600,854	\$772,736	\$1,235,757
Coal risk management derivative settlements classified in "other (income) expense, net"	185	(648 )	330	(1,619 )
Transportation costs	37,840	44,256	75,338	87,329
Coal sales	\$420,298	\$644,462	\$848,404	\$1,321,467

## Segment cost per ton sold

Segment costs per ton sold are calculated as the segment's cost of tons sold divided by segment tons sold. The segments' cost of tons sold are adjusted for transportation costs, and may be adjusted for other items that, due to

accounting rules, are classified in "other (income) expense, net" on the statement of operations, but relate directly to the costs incurred to produce coal. Segment cost of tons sold is not a measure of financial performance in accordance with generally accepted accounting principles. We believe segment cost of tons sold better reflects our controllable costs and our operating results by including all costs incurred to produce coal. The adjustments made to arrive at these measures are significant in understanding and assessing our financial condition. Therefore, segment cost of tons sold should not be considered in isolation, nor as an alternative to cost of sales under generally accepted accounting principles.

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	Three Months Ended June 30, 2016		Six Months Ended June 30, 2016	
	2015	2016	2015	2016
	(In thousands)			
Reported segment cost of tons sold	\$436,680	\$610,165	\$879,031	\$1,222,923
Diesel fuel risk management derivative settlements classified in "other (income) expense, net"	(1,209 )	(986 )	(2,543 )	(2,210 )
Transportation costs	37,840	44,256	75,338	87,329
Depreciation, depletion and amortization in reported segment cost of tons sold presented on separate line on statement of operations	(58,459 )	(95,728 )	(120,693 )	(198,871 )
Other (other operating segments, operating overhead, etc.)	4,190	8,545	7,225	19,403
Cost of sales	\$419,042	\$566,252	\$838,358	\$1,128,574

## 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 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, 2016		Six Months Ended June 30, 2016	
	2015	2016	2015	2016
	(In thousands)			
Reported Segment Adjusted EBITDA	\$10,564	\$75,537	\$21,854	\$189,097
Corporate and other	(18,924 )	(30,209 )	(40,240 )	(61,997 )
Adjusted EBITDA	(8,360 )	45,328	(18,386 )	127,100
Benefit from income taxes	245	4,071	1,356	7,467
Interest expense, net	(44,340 )	(98,612 )	(87,653 )	(195,491 )
Depreciation, depletion and amortization	(58,459 )	(97,372 )	(122,158 )	(202,246 )
Amortization of acquired sales contracts, net	(1 )	1,644	832	5,034
Asset impairment and mine closure costs	(43,701 )	(19,146 )	(129,221 )	(19,146 )
Nonoperating expenses	(21,271 )	(4,016 )	(27,359 )	(4,016 )
Net loss	\$(175,887)	\$(168,103)	\$(382,589)	\$(281,298)

Corporate and other includes primarily selling, general and administrative expenses, income from our equity investments, certain actuarial adjustments, and certain changes in the fair value of coal derivatives and coal trading activities. Corporate and other adjusted EBITDA improved \$11.3 million in the second quarter of 2016 and \$21.8 million in the first half of 2016 when compared to the second quarter and first half of 2015 respectively. The benefit in the second quarter was due to \$5.2 million of reduced expenses recorded in the Statement of Operations line item "Selling, general and administrative expenses", \$1.4 million in losses on investments in the prior year quarter, \$1.6 million improvement in mark to market of heating oil derivatives, and \$4.0 million improvement in actuarial

adjustments, partially offset by a \$1.9 million reduction in income from equity investments. The benefit in the first half was due to \$8.0 million of reduced expenses recorded in the Statement of Operations line item "Selling, general and administrative expenses", \$4.2 million in losses on investments in the prior year quarter, \$3.0 million for a customer settlement in the prior year quarter, \$3.7 million improvement in mark to market of heating oil derivatives, and \$3.3 million improvement in actuarial adjustments, partially offset by a \$4.2 million reduction in income from equity investments.

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### Liquidity and Capital Resources

Our primary sources of liquidity are proceeds from coal sales to customers and certain financing arrangements. Excluding significant investing activity, we have historically satisfied our working capital requirements and funded capital expenditures and debt-service obligations with cash generated from operations, cash on hand and credit extensions under any available lines of credit. During the market down cycle our focus is preserving liquidity and prudently managing costs, including capital expenditures.

The filing of the Bankruptcy Petitions constituted an event of default that accelerated our obligations under our Debt Instruments, all as further described in Note 11, "Debt and Financing Arrangements", to this Form 10-Q. Pursuant to the Bankruptcy Code, the filing of the Bankruptcy Petitions automatically stayed most actions against the Debtors, including most actions to collect indebtedness incurred prior to the Petition Date or to exercise control over the Debtors' property. Accordingly, although the filing of the Bankruptcy Petitions triggered defaults under Debt Instruments, creditors are stayed from taking action as a result of these defaults. Additionally, under Section 502(b)(2) of the Bankruptcy Code, the Company is no longer required to pay interest on its senior unsecured notes and senior secured notes accruing on or after the Petition Date. However, the Debtors will be required to pay interest on amounts borrowed under the Superpriority Secured Debtor-in-Possession Credit Agreement (as amended on March 4, 2016, March 28, 2016, April 26, 2016, June 10, 2016 and June 23, 2016, the "DIP Credit Agreement").

On June 30, 2016, we had \$473.2 million of cash and liquid securities on hand. Based on our current internal financial forecasts, we believe that our cash on hand, cash generated from the results of our operations and funds available under our DIP Credit Agreement will be sufficient to fund anticipated cash requirements until a plan of reorganization is confirmed for minimum operating and capital expenditures and for working capital purposes. However, given the current level of volatility in the market and the unpredictability of certain costs that could potentially arise in our operations, our liquidity needs could be significantly higher than we currently anticipate. In particular, weak coal market industry conditions, depressed metallurgical coal prices and reduced domestic thermal coal demand may continue to impact our results of operations and our available liquidity.

### Debtor-In-Possession Financing

On January 21, 2016, the Superpriority Secured Debtor-in-Possession Credit Agreement (as amended on March 4, 2016, March 28, 2016, April 26, 2016, June 10, 2016 and June 23, 2016, the "DIP Credit Agreement") was entered into by and among us, as borrower, certain of the Debtors, as guarantors (the "Guarantors" and, together with us, the "Loan Parties"), the lenders from time to time party thereto (the "DIP Lenders") and Wilmington Trust, National Association, as administrative agent and collateral agent for the DIP Lenders (in such capacities, the "DIP Agent").

The DIP Credit Agreement which has been approved by the Court on a final basis provides for a super-priority senior secured debtor-in-possession credit facility (the "DIP Facility") consisting of term loans (collectively, the "DIP Term Loan") in the aggregate principal amount of up to \$275 million.

The maturity date of the DIP Facility is the earliest of (i) January 31, 2017, (ii) the date of the substantial consummation of a plan of reorganization that is confirmed pursuant to an order of the Court, (iii) the consummation of the sale of all or substantially all of the assets of the Loan Parties pursuant to Section 363 of the Bankruptcy Code and (iv) the date the obligations under the DIP Facility are accelerated pursuant to the terms of the DIP Credit Agreement. Borrowings under the DIP Facility bear interest at an interest rate per annum equal to, at the Company's option (i) LIBOR plus 9.00%, subject to a 1.00% LIBOR floor or (ii) the base rate plus 8.00%.

Obligations under the DIP Credit Agreement are guaranteed on a super-priority senior secured basis by all of our existing and future wholly-owned domestic subsidiaries, and all newly created or acquired wholly-owned domestic subsidiaries, subject to customary limited exceptions.



The lenders under the DIP Credit Agreement have a first priority lien on all encumbered and unencumbered assets of the Loan Parties (the "DIP Lien"), subject to a \$75 million carve-out for super-priority claims relating to the Debtors' bonding obligations, a customary professional fees carve-out and certain exceptions.

We entered into an amendment to the DIP Credit Agreement, dated as of July 20, 2016. See Note 18, "Subsequent Events."

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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, 2016 and 2015:

	Six Months Ended	
	June 30,	
	2016	2015
	(In thousands)	
Cash provided by (used in):		
Operating activities	\$(60,252)	\$(125,575)
Investing activities	(89,403 )	(145,409 )
Financing activities	(31,312 )	(23,592 )

Cash used in operating activities during the first half of 2016 decreased to \$60.3 million compared to \$125.6 million in the first half of 2015. The decreased use of cash was driven by reduced cash interest paid of \$140.4 million and change in inventory of \$54.9 million, partially offset by the increase in our net loss of \$101.3 million primarily related to the significant volume declines discussed in the "Overview" and "Operational Performance" sections of "Management's Discussion and Analysis of Financial Condition and Results of Operations".

We used \$89.4 million of cash in investing activities during the first half of 2016 compared to using \$145.4 million of cash in the first half of 2015, due to reduced capital expenditures of \$25.2 million and a smaller increase in restricted cash of \$33.2 million related to cash collateral required to support letters of credit outstanding under our accounts receivable securitization facility compared to the prior period.

Cash used in financing activities increased \$7.7 million in the first half of 2016, compared to the first half of 2015, due to financing costs associated with our DIP Facility of \$15.6 million and our amended accounts receivable securitization facility of \$3.2 million and pre-filing debt restructuring costs of \$2.2 million in the current year period. These uses of cash were partially offset by the fact that no principal payment was made on the \$1.9 billion term loan facility as compared to \$9.8 million in the prior year period and pre-filing debt restructuring costs of \$4.0 million in the prior year period.

## 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,	
	2016	2015
Ratio of earnings to combined fixed charges and preference dividends <sup>(1)</sup>	N/A	N/A

(1) Earnings consist of income 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 round to \$285.5 million and total fixed charges were \$94.0 million for the six months ended June 30, 2016. Total losses for the ratio calculation were \$69.4 million and total fixed charges were \$203.8 million for the six months ended June 30, 2015.



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## 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 fluctuations in market pricing.

Our sales commitments for 2016 and 2017 were as follows as of June 30, 2016:

	2016		2017	
	Tons	\$ per ton	Tons	\$ per ton
	(in		(in	
	millions)		millions)	
Powder River Basin				
Committed, Priced	70.2	\$ 13.17	40.6	\$ 13.34
Committed, Unpriced	3.0		8.5	
Appalachia				
Committed, Priced Thermal	4.1	\$ 49.14	1.5	\$ 44.06
Committed, Unpriced Thermal	—		—	
Committed, Priced Metallurgical	6.5	\$ 55.98	—	\$ —
Committed, Unpriced Metallurgical	0.4		—	
Other Bituminous				
Committed, Priced	4.1	\$ 32.17	3.2	\$ 33.62
Committed, Unpriced	—		—	

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, 2016. The estimated future realization of the value of the trading portfolio is \$2.7 million of gains in the remainder of 2016.

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.

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. 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 its 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.

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.

During the six months ended June 30, 2016, VaR for our coal trading positions that are recorded at fair value through earnings ranged from under \$0.1 million to \$0.4 million. The linear mean of each daily VaR was \$0.2 million. The final VaR at June 30, 2016 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. Gains or losses on these derivative instruments would be largely offset in the pricing of the physical coal sale. During the six months ended June 30, 2016, VaR for our risk management positions that are recorded at fair value through earnings ranged from \$0.1 million to \$0.2 million. The linear mean of each daily VaR was \$0.1 million. The final VaR at June 30, 2016 was \$0.2 million.

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We are also exposed to the risk of fluctuations in cash flows related to our purchase of diesel fuel. We expect to use approximately 41 to 46 million gallons per year of diesel fuel for use in our operations during 2016. 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, 2016, we had protected the price of approximately 62% of its expected purchases for the remainder of the year with out-of-the-money call options with an average strike price of \$2.25 per gallon. Due to the drop in heating oil prices, the Company has layered in 9.8 million gallons of at-the-money call options for the remainder of 2016 representing 49% of expected purchases at an average strike price of \$1.32 per gallon.

Additionally, we have protected approximately 18% of our expected 2017 purchases with out-of-the-money call options with an average strike price of 1.60 per gallon. At June 30, 2016, we had purchased heating oil call options for approximately 20 million gallons for the purpose of managing the price risk associated with future diesel purchases. 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.

### Item 4. Controls and Procedures.

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, 2016. 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 fiscal quarter 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.

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. Also, as a result of historical acquisitions or dispositions by us or other companies in our industry, we may time to time be subject to claims or legal actions, including in respect of certain employee or retiree health or pension benefits.

#### 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

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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 (EPA) proposed action to deny Mingo Logan the right to use its Corps’ permit (as discussed below).

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, D.C. 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, the EPA appealed that order to the United States Court of Appeals for the D.C. 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.

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.

As a result of the Bankruptcy Petitions, much of the pending litigation against the Debtors is stayed. Subject to certain exceptions and approval by the Court, during the Chapter 11 process, no party can take further actions to recover pre-petition claims against the Debtors.

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

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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, the 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.

On November 13, 2013, Mingo Logan filed a Petition for Writ of Certiorari with the Supreme Court of the United States seeking review of the D.C. Circuit’s decision. On March 24, 2014, the Supreme Court denied Mingo Logan’s Petition for Writ of Certiorari and remanded the matter to the federal district court for the District of Columbia for further consideration on the merits of the Final Determination. On September 30, 2014, the court entered an opinion and order denying Mingo Logan’s motion for summary judgment and granting the government’s motion for summary judgment. The court upheld the Final Determination finding that EPA’s decision to withdraw the specifications for filling in Oldhouse Branch and Pigeonroost Branch under Mingo Logan’s Section 404 permit was not arbitrary and capricious. On November 11, 2014, Mingo Logan filed a notice of appeal to the United States Court of Appeals for the District of Columbia Circuit. The court heard oral arguments on April 11, 2016. By opinion of the court filed on July 19, 2016, the court affirmed the district court judgment thus upholding the EPA’s Final Determination.

UMWA 1974 Pension Plan et al. v Peabody Energy and Arch

On July 16, 2015, the UMWA 1974 Pension Trust (“Plan”) and its Trustees filed a Complaint for Declaratory Judgment against Peabody Energy Corporation, Peabody Holding Company, LLC and Arch, in the U.S. District Court in Washington D.C., seeking an order from the court requiring the defendants to submit to arbitration to determine their responsibility for pension withdrawal liability (triggered by Patriot Coal Corporation’s (“Patriot”) recent bankruptcy filing) for Plan participants of Patriot who formerly worked for Peabody and Arch subsidiaries. In the alternative, the complaint asks the court to declare that Peabody and Arch are liable for Patriot’s withdrawal liability. With respect to Arch, plaintiffs allege that Arch engaged in actions to avoid and evade pension fund withdrawal liability when it sold subsidiaries that were signatory to UMWA agreements, to Magnum Coal Company (“Magnum”) in 2005, allegedly in violation of ERISA law. Patriot subsequently purchased Magnum in 2008. On October 29, 2015, plaintiffs filed an amended complaint to reflect that Patriot formally rejected its obligations to contribute to the Plan, triggering a withdrawal. The amended complaint further alleged that Arch owes \$299.8 million in withdrawal liability. On October 29, 2015, the UMWA Funds issued a letter to Arch demanding payment of this withdrawal liability amount. We believe there is no basis in the law to support any claim that Arch is responsible for Patriot’s withdrawal liability

and we plan to vigorously defend this complaint. Arch notified the District Court and the parties to the litigation of its bankruptcy filing and the automatic stay and, on January 21, 2016, the plaintiffs agreed that the automatic stay in the Chapter 11 Case applies to Arch and its affiliates that have filed bankruptcy petitions.

Filing Under Chapter 11 of the United States Bankruptcy Code

On January 11, 2016 (the "Petition Date"), Arch and substantially all of its wholly owned domestic subsidiaries (the "Filing Subsidiaries" and, together with Arch, the "Debtors") filed voluntary petitions for reorganization (collectively, the "Bankruptcy Petitions") under Chapter 11 of Title 11 of the U.S. Code (the "Bankruptcy Code") in the United States Bankruptcy Court for the Eastern District of Missouri (the "Court"). The Debtor's Chapter 11 Cases (collectively, the "Chapter 11 Cases") are being jointly administered under the caption In re Arch Coal, Inc., et al. Case No. 16-40120 (lead case). Each Debtor will continue to

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operate its business as a “debtor in possession” under the jurisdiction of the Court and in accordance with the applicable provisions of the Bankruptcy Code and the orders of the Court. See Note 1, "Basis of Presentation" to the condensed consolidated financial statements for further discussion of these proceedings.

Pursuant to Section 362 of the Bankruptcy Code, the filing of the Bankruptcy Petitions automatically stayed most actions against the Debtors, including actions to collect indebtedness incurred prior to the Petition Date or to exercise control over the Debtors’ property. Subject to certain exceptions under the Bankruptcy Code, the filing of the Debtors’ Chapter 11 Cases also automatically stayed the continuation of most legal proceedings or the filing of other actions against or on behalf of the Debtors or their property to recover on, collect or secure a claim arising prior to the Petition Date or to exercise control over property of the Debtors’ bankruptcy estates, unless and until the Court modifies or lifts the automatic stay as to any such claim. Notwithstanding the general application of the automatic stay described above, governmental authorities may determine to continue actions brought under their police and regulatory powers.

Item 1A. Risk Factors.

See Risk Factors in Item 1A of Part I of the Company’s Annual Report on Form 10-K for the year ended December 31, 2015 for a complete review of important risk factors.

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 1,400,000 shares of our common stock. As of June 30, 2016, there were 1,092,580 shares of our common stock available for purchase under this program. We are prohibited from purchasing shares under this program during the pendency of our Chapter 11 Cases.

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, 2016.

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Item 6. Exhibits.

- 10.1 Amendment No. 3, dated as of April 26, 2016, to the Superpriority Secured Debtor-in-Possession Credit Agreement dated January 21, 2016.
- 10.2 Amendment No. 4, dated as of June 10, 2016, to the Superpriority Secured Debtor-in-Possession Credit Agreement dated January 21, 2016.
- 10.3 Amendment No. 5, dated as of June 23, 2016, to the Superpriority Secured Debtor-in-Possession Credit Agreement dated January 21, 2016.
- 10.4 Amendment No. 3, dated as of April 26, 2016, to the Restructuring Support Agreement dated January 10, 2016.
- 10.5 Amendment No. 4, dated as of June 10, 2016, to the Restructuring Support Agreement dated January 10, 2016.
- 10.6 Amendment No. 5, dated as of June 23, 2016, to the Restructuring Support Agreement dated January 10, 2016.
- 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.
- 95.0 Mine Safety Disclosure Exhibit.
- 101.0 Interactive Data File (Form 10-Q for the three and six months ended June 30, 2016 filed in XBRL). The financial information contained in the XBRL-related documents is “unaudited” and “unreviewed.”



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Signatures

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

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 9, 2016