

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 20549

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 September 30, 2008
- 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



(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction
of incorporation or organization)

43-0921172
(I.R.S. Employer
Identification Number)

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

63141
(Zip code)

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

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

Indicate by check mark whether the registrant 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 November 5, 2008, there were 142,863,179 shares of the registrant's common stock outstanding.

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PART I
FINANCIAL INFORMATION

Item 1. Financial Statements.

Arch Coal, Inc. and Subsidiaries
Condensed Consolidated Statements of Income
(in thousands, except per share data)

	<u>Three Months Ended September 30</u>		<u>Nine Months Ended September 30</u>	
	<u>2008</u>	<u>2007</u>	<u>2008</u>	<u>2007</u>
			(unaudited)	
REVENUES				
Coal sales	\$ 769,458	\$ 599,151	\$ 2,253,925	\$ 1,769,245
COSTS, EXPENSES AND OTHER				
Cost of coal sales	567,372	476,434	1,650,259	1,408,188
Depreciation, depletion and amortization	72,185	58,628	217,180	174,238
Selling, general and administrative expenses	22,235	18,868	80,937	59,885
Change in fair value of coal derivatives and coal trading activities, net	18,382	(541)	(65,336)	(1,317)
Other operating (income) expense, net	1,533	(4,062)	(2,266)	(26,286)
	<u>681,707</u>	<u>549,327</u>	<u>1,880,774</u>	<u>1,614,708</u>
Income from operations	87,751	49,824	373,151	154,537
Interest expense, net:				
Interest expense	(17,019)	(17,151)	(56,228)	(53,142)
Interest income	235	513	1,128	1,637
	<u>(16,784)</u>	<u>(16,638)</u>	<u>(55,100)</u>	<u>(51,505)</u>
Non-operating expense	<u>—</u>	<u>(806)</u>	<u>—</u>	<u>(2,126)</u>
Income before income taxes	70,967	32,380	318,051	100,906
Provision for (benefit from) income taxes	<u>(26,881)</u>	<u>5,100</u>	<u>26,059</u>	<u>7,350</u>
NET INCOME	<u>\$ 97,848</u>	<u>\$ 27,280</u>	<u>\$ 291,992</u>	<u>\$ 93,556</u>
EARNINGS PER COMMON SHARE				
Basic earnings per common share	<u>\$ 0.68</u>	<u>\$ 0.19</u>	<u>\$ 2.03</u>	<u>\$ 0.66</u>
Diluted earnings per common share	<u>\$ 0.68</u>	<u>\$ 0.19</u>	<u>\$ 2.02</u>	<u>\$ 0.65</u>
Basic weighted average shares outstanding	<u>144,035</u>	<u>142,627</u>	<u>143,885</u>	<u>142,392</u>
Diluted weighted average shares outstanding	<u>144,898</u>	<u>144,151</u>	<u>144,848</u>	<u>143,920</u>
Dividends declared per common share	<u>\$ 0.09</u>	<u>\$ 0.07</u>	<u>\$ 0.25</u>	<u>\$ 0.20</u>

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

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

	September 30, 2008 (unaudited)	December 31, 2007
ASSETS		
Current assets:		
Cash and cash equivalents	\$ 41,066	\$ 5,080
Trade accounts receivable	260,564	229,965
Other receivables	24,963	19,724
Inventories	173,862	177,785
Prepaid royalties	52,662	22,055
Deferred income taxes	89,164	18,789
Coal derivative assets	86,545	7,743
Other	42,839	40,004
Total current assets	771,665	521,145
Property, plant and equipment, net	2,655,884	2,463,638
Other assets:		
Prepaid royalties	66,767	105,106
Goodwill	46,832	40,032
Deferred income taxes	224,448	296,559
Equity investments	86,866	82,950
Other	89,105	85,169
Total other assets	514,018	609,816
Total assets	\$ 3,941,567	\$ 3,594,599
LIABILITIES AND STOCKHOLDERS' EQUITY		
Current liabilities:		
Accounts payable	\$ 200,891	\$ 150,026
Accrued expenses	181,067	188,875
Coal derivative liabilities	23,544	—
Current maturities of debt and short-term borrowings	385,566	217,614
Total current liabilities	791,068	556,515
Long-term debt	956,490	1,085,579
Asset retirement obligations	231,352	219,991
Accrued postretirement benefits other than pension	62,227	59,181
Accrued workers' compensation	39,467	41,071
Other noncurrent liabilities	111,206	100,576
Total liabilities	2,191,810	2,062,913
Stockholders' equity:		
Preferred stock, \$0.01 par value, authorized 10,000 shares; issued and outstanding 85 shares at December 31, 2007, \$50 liquidation preference	—	1
Common stock, \$0.01 par value, authorized 260,000 shares, issued 144,340 and 143,158 shares, respectively	1,447	1,436
Paid-in capital	1,378,633	1,358,695
Treasury stock, 1,512 shares at September 30, 2008, at cost	(53,848)	—
Retained earnings	429,254	173,186
Accumulated other comprehensive loss	(5,729)	(1,632)
Total stockholders' equity	1,749,757	1,531,686
Total liabilities and stockholders' equity	\$ 3,941,567	\$ 3,594,599

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

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

	Nine Months Ended September 30	
	2008	2007
	(unaudited)	
OPERATING ACTIVITIES		
Net income	\$ 291,992	\$ 93,556
Adjustments to reconcile net income to cash provided by operating activities:		
Depreciation, depletion and amortization	217,180	174,238
Prepaid royalties expensed	27,161	8,452
Gain on dispositions of property, plant and equipment	(178)	(17,658)
Employee stock-based compensation	9,768	4,050
Changes in:		
Receivables	(29,646)	43,877
Inventories	3,923	(22,908)
Coal derivative assets and liabilities	(57,929)	(2,543)
Accounts payable and accrued expenses	28,821	(76,275)
Deferred income taxes	8,067	6,382
Other	8,935	53,211
Cash provided by operating activities	<u>508,094</u>	<u>264,382</u>
INVESTING ACTIVITIES		
Capital expenditures	(414,125)	(423,885)
Proceeds from dispositions of property, plant and equipment	1,069	69,860
Purchases of investments and advances to affiliates	(4,359)	(5,152)
Additions to prepaid royalties	(19,429)	(19,373)
Reimbursement of deposits on equipment	2,697	18,325
Cash used in investing activities	<u>(434,147)</u>	<u>(360,225)</u>
FINANCING ACTIVITIES		
Net proceeds from commercial paper and net borrowings on lines of credit	50,882	134,108
Net payments on other debt	(10,995)	(10,408)
Debt financing costs	(233)	(139)
Dividends paid	(35,989)	(28,725)
Purchases of treasury stock	(47,932)	—
Issuance of common stock under incentive plans	6,306	1,873
Cash provided by (used in) financing activities	<u>(37,961)</u>	<u>96,709</u>
Increase in cash and cash equivalents	35,986	866
Cash and cash equivalents, beginning of period	<u>5,080</u>	<u>2,523</u>
Cash and cash equivalents, end of period	<u>\$ 41,066</u>	<u>\$ 3,389</u>

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

Arch Coal, Inc. and Subsidiaries
Notes to Condensed Consolidated Financial Statements
(unaudited)

1. Basis of Presentation

The accompanying unaudited condensed consolidated financial statements include the accounts of Arch Coal, Inc. and its subsidiaries and controlled entities (the “Company”). The Company’s primary business is the production of steam and metallurgical coal from surface and underground mines located throughout the United States, for sale to utility, industrial and export markets. The Company’s mines are located in southern West Virginia, eastern Kentucky, Virginia, Wyoming, Colorado and Utah. All subsidiaries (except as noted below) 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 nine month periods ended September 30, 2008 are not necessarily indicative of results to be expected for the year ending December 31, 2008. 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, 2007 included in Arch Coal, Inc.’s Annual Report on Form 10-K filed with the U.S. Securities and Exchange Commission.

The Company owns a 99% membership interest in a joint venture named Arch Western Resources, LLC (“Arch Western”) which operates coal mines in Wyoming, Colorado and Utah. The Company also acts as the managing member of Arch Western.

2. Accounting Policies

Accounting Pronouncements Adopted

On January 1, 2008, the Company adopted Statement of Financial Accounting Standards No. 157, *Fair Value Measurements* (“Statement No. 157”). Statement No. 157 defines fair value, establishes a framework for measuring fair value and expands disclosures about fair value measurements under other accounting pronouncements that require or permit fair value measurements. Statement No. 157 was adopted prospectively for the Company’s financial instruments. The FASB deferred the effective date of Statement No. 157 for one year for nonfinancial assets and liabilities that are recognized or disclosed at fair value in the financial statements on a nonrecurring basis, which the Company will adopt effective January 1, 2009.

On January 1, 2008, Statement of Financial Accounting Standards No. 159, *The Fair Value Option for Financial Assets and Financial Liabilities – Including an Amendment of FASB Statement No. 115* (“Statement No. 159”) became effective. Statement No. 159 permits entities the choice to measure certain financial instruments and other items at fair value. The Company did not elect to measure any additional financial instruments or other items at fair value.

On January 1, 2008, the Company adopted Staff Position FIN 39-1, *Amendment of FASB Interpretation 39* (“FSP FIN 39-1”). FSP FIN 39-1 permits a reporting entity to offset fair value amounts recognized for the right to reclaim or the obligation to return cash collateral against fair value amounts recognized for derivative instruments executed with the same counterparty under the same master netting arrangement that have been offset. The Company did not elect to net amounts related to cash collateral with the fair value of derivatives with the same counterparty. The Company’s current liability for the obligation to return cash collateral was \$5.7 million and \$3.0 million at September 30, 2008 and December 31, 2007, respectively.

Accounting Standards Issued and Not Yet Adopted

In December 2007, the FASB issued Statement of Financial Accounting Standards No. 160, *Noncontrolling Interests in Consolidated Financial Statements, an amendment of ARB No. 51* (“Statement No. 160”). Statement No. 160 requires that a noncontrolling interest (minority interest) in a consolidated subsidiary be displayed in the consolidated balance sheet as a separate component of equity. The amount of net income attributable to the noncontrolling interest will be included in consolidated net income on the face of the consolidated statement of income. Statement No. 160 also includes expanded disclosure requirements regarding the interests of the parent and its noncontrolling interest. Statement No. 160 is effective for fiscal years beginning on or after December 15, 2008.

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Early adoption is not allowed. The Company does not expect that the adoption of Statement No. 160 will have a material impact on the Company's financial position or results of operations.

In March 2008, the FASB issued Statement of Financial Accounting Standards No. 161, *Disclosures about Derivative Instruments and Hedging Activities, an amendment of FASB Statement No. 133* ("Statement No. 161"). Statement No. 161 requires additional disclosures about derivatives and hedging activities, including qualitative disclosures about objectives for using derivatives. It also requires tabular disclosures about gross fair value amounts of derivative instruments, gains and losses on derivative instruments by type of contract, and the locations of these amounts in the financial statements. Statement No. 161 is effective for financial statements issued for fiscal years and interim periods beginning after November 15, 2008, with early application encouraged. The Company is currently assessing Statement No. 161 to determine the impact of the new disclosure requirements.

In June 2008, the FASB issued Staff Position No. EITF 03-6-01 *Determining Whether Instruments Granted in Share-Based Payment Transactions Are Participating Securities* ("FSP EITF 03-6-01") to clarify whether instruments granted in share-based payment transactions are participating securities prior to vesting and therefore need to be included in the earnings allocation in computing earnings per share under the two-class method. FSP EITF 03-6-01 is effective retrospectively for the Company for financial statements issued for interim periods of fiscal years beginning after December 15, 2008, and earlier application is not permitted. The Company is assessing FSP EITF 03-6-01 to determine its impact on earnings per share.

In October 2008, the FASB issued Staff Position FAS 157-3 *Determining the Fair Value of a Financial Asset When the Market for That Asset Is Not Active* ("FSP FAS 157-3"), effective upon issuance. FSP FAS 157-3 clarifies the application of FASB Statement No. 157 in a market that is not active and provides an example to illustrate key considerations in determining the fair value of a financial asset when the market for that financial asset is not active. The Company does not expect that the adoption of FSP FAS 157-3 will have a material impact on the Company's financial position or results of operations.

3. Fair Value Measurements

Statement No. 157 establishes a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy, as defined below, gives 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 and coal futures that are submitted for clearing on the New York Mercantile Exchange that may ultimately be settled either physically or financially.
- 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 commodity contracts (coal and heating oil) with quoted prices in over-the-counter markets or 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 contracts (primarily coal and heating oil) valued using modeling techniques, such as Black-Scholes, that require the use of inputs, particularly volatility, that are not observable.

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The table below sets forth, by level, the Company's financial assets and liabilities that are accounted for at fair value:

	Fair value at September 30, 2008			
	Total	Level 1	Level 2	Level 3
(In thousands)				
Assets:				
Available-for-sale investments	\$ 1,388	\$ 1,388	\$ —	\$ —
Derivatives	94,068	25,530	65,207	3,331
Total assets	<u>\$ 95,456</u>	<u>\$ 26,918</u>	<u>\$ 65,207</u>	<u>\$ 3,331</u>
Liabilities:				
Derivatives	<u>\$ 32,841</u>	<u>\$ —</u>	<u>\$ 33,774</u>	<u>\$ (933)</u>

The Company's contracts with certain of 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.

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

	Three Months Ended	Nine Months Ended
	September 30, 2008	September 30, 2008
(In thousands)		
Beginning balance	\$ 24,317	\$ 3,256
Realized and unrealized gains (losses) recognized in earnings	(6,494)	15,457
Realized and unrealized gains (losses) recognized in other comprehensive income	(3,069)	2,622
Settlements, purchases and issuances	(10,490)	(17,071)
Ending balance	<u>\$ 4,264</u>	<u>\$ 4,264</u>

Net unrealized gains during the three and nine months ended September 30, 2008 related to level 3 financial instruments held on September 30, 2008 were \$0.5 million and \$1.4 million, respectively.

4. Coal Trading

The Company holds physical forward contracts, options and financial swaps, some of which are held for trading purposes. The Company's assets and liabilities related to its coal trading portfolio at fair value are as follows:

	September 30,	December 31,
	2008	2007
(In thousands)		
Assets	\$ 79,604	\$ 8,532
Liabilities	(23,544)	—
Net fair value of coal trading contracts	<u>\$ 56,060</u>	<u>\$ 8,532</u>

The change in the fair value of the Company's coal trading portfolio during the nine months ended September 30, 2008 was primarily the result of increases in coal pricing during the year. The timing of the estimated future settlements of the trading portfolio is 17% in the remainder of 2008, 61% in 2009 and 22% in 2010. These coal trading assets and liabilities are classified as Coal derivative assets and Coal derivative liabilities, respectively, in the accompanying condensed consolidated balance sheets.

5. Property Transactions

On September 28, 2007, the Company purchased coal reserves and surface rights in Illinois for \$38.9 million.

On June 29, 2007, the Company sold select assets and related liabilities associated with its Mingo Logan-Ben Creek mining complex in West Virginia to a subsidiary of Alpha Natural Resources, Inc. for \$43.5 million. For the nine months ended September 30, 2007, the Company's former Mingo Logan-Ben Creek operations contributed coal sales of 1.2 million tons, revenues of \$75.1 million and income from operations of \$9.1 million. The Company

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recognized a net gain of \$9.1 million in the third quarter of 2007 resulting from the transaction. That amount has been reflected in other operating income, net in the accompanying condensed consolidated statements of income for the three and nine months ended September 30, 2007. This gain was net of accrued losses of \$12.5 million on firm commitments to purchase coal through 2008 to supply below-market sales contracts that can no longer be sourced from the Company's operations and approximately \$5.0 million of employee-related payments, which were paid in 2007.

During the nine months ended September 30, 2007, the Company also sold non-strategic reserves in the Powder River Basin and Central Appalachia and recognized gains on the sales of \$6.0 million and \$2.4 million, respectively, reflected in other operating income, net in the accompanying condensed consolidated statements of income.

6. Stock-Based Compensation

During the nine months ended September 30, 2008, the Company granted options to purchase 0.8 million shares of common stock with a weighted average exercise price of \$53.06 and a weighted average grant-date fair value of \$21.34 per share. The options' fair value was determined using the Black-Scholes option pricing model, using a weighted average risk-free rate of 2.87%, a weighted average dividend yield of 0.54% and a weighted average volatility of 45.59%. The options vest ratably over three years. The options provide for the continuation of vesting for retirement-eligible recipients that meet certain criteria. The expense for these options will be recognized through the date that the employee first becomes eligible to retire and is no longer required to provide service to earn part or all of the award. The Company also granted 74,250 shares of restricted stock and restricted stock units during the nine months ended September 30, 2008 at a weighted average grant-date fair value of \$53.30 per share. The restricted stock and restricted stock units vest over a period ranging from approximately two to four years.

During the nine months ended September 30, 2008, stock price and EBITDA performance measurements were satisfied under the Company's performance-contingent phantom stock awards, and the Company issued 0.2 million shares of common stock and paid cash of \$3.5 million under the awards.

The Company recognized stock-based compensation expense from all plans of \$2.4 million and \$1.4 million for the three months ended September 30, 2008 and 2007, respectively, and \$10.4 million and \$5.3 million for the nine months ended September 30, 2008 and 2007, respectively. This expense is primarily included in selling, general and administrative expenses in the accompanying condensed consolidated statements of income.

7. Inventories

Inventories consist of the following:

	September 30, 2008	December 31, 2007
	(In thousands)	
Coal	\$ 49,169	\$ 61,656
Repair parts and supplies, net of allowance	124,693	116,129
	<u>\$ 173,862</u>	<u>\$ 177,785</u>

8. Income Taxes

During the third quarter of 2008, the Company reached a settlement with the IRS regarding the Company's treatment of the acquisition of the coal operations of Atlantic Richfield Company ("ARCO") and the simultaneous combination of the acquired ARCO operations and the Company's Wyoming operations into the Arch Western joint venture. The settlement did not result in a net change in deferred tax assets, but involved a re-characterization of deferred tax assets, including an increase in net operating loss carryforwards of \$145.1 million and other amortizable assets which will provide provide additional tax deductions through 2013. A portion of these future cash tax benefits accrue to ARCO pursuant to the original purchase agreement, including \$6.8 million that was recorded as goodwill during the third quarter of 2008 and must be paid within 120 days of the settlement. No amounts were paid prior to September 30, 2008.

This settlement and the related increase in net operating loss carryforwards and amortization deductions triggered a reassessment of the Company's ability to realize its deferred tax assets. As a result of the reassessment, which incorporated the impact of strengthened coal markets compared to 2007, the Company reduced the valuation allowance related to alternative minimum tax credits and net operating loss carryforwards by \$52.6 million in the third quarter of 2008. The Company's remaining valuation allowance of \$0.3 million relates to state net operating losses.

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During the nine months ended September 30, 2008 and the nine months ended September 30, 2007, the Company reduced the valuation allowance related to state net operating loss carryforwards by \$4.7 million and \$4.0 million, respectively, resulting from a change in management's assessment of the Company's ability to utilize these net operating loss carryforwards due to tax law changes in West Virginia.

9. Debt

	September 30, 2008	December 31, 2007
	(In thousands)	
Commercial paper	\$ 98,060	\$ 74,959
Indebtedness to banks under credit facilities	278,597	250,816
6.75% senior notes (\$950.0 million face value) due July 1, 2013	956,490	957,514
Promissory note due 2009	5,813	8,450
Other	3,096	11,454
	<u>1,342,056</u>	<u>1,303,193</u>
Less current maturities	385,566	217,614
Long-term debt	<u>\$ 956,490</u>	<u>\$ 1,085,579</u>

The current maturities of debt include amounts borrowed that are supported by credit facilities that have a term of less than one year and amounts borrowed under credit facilities with terms longer than one year that the Company does not intend to refinance on a long-term basis, based on cash projections and management's plans. The Company had availability of approximately \$620.0 million under its credit facilities at September 30, 2008.

On April 11, 2008, the Company amended its commercial paper placement program and the related revolving credit facility to increase the maximum aggregate principal amount outstanding to \$100.0 million from \$75.0 million.

On May 22, 2008, the Company entered into an amendment to its accounts receivable securitization program increasing the program from \$150.0 million to \$175.0 million. The credit facility supporting the borrowings under the program expires in June 2009.

10. Workers' Compensation Expense

The following table details the components of workers' compensation cost:

	Three Months Ended September 30		Nine Months Ended September 30	
	2008	2007	2008	2007
	(In thousands)			
Self-insured occupational disease benefits:				
Service cost	\$ (289)	\$ 327	\$ 361	\$ 982
Interest cost	(213)	249	337	748
Net amortization	(2,012)	(422)	(2,912)	(1,266)
Total occupational disease	(2,514)	154	(2,214)	464
Traumatic injury claims and assessments	2,017	2,934	7,277	8,482
Total workers' compensation expense	<u>\$ (497)</u>	<u>\$ 3,088</u>	<u>\$ 5,063</u>	<u>\$ 8,946</u>

The occupational disease cost was adjusted in the third quarter of 2008 to reflect revised actuarial assumptions.

11. Employee Benefit Plans

The following table details the components of pension benefit costs:

	Three Months Ended September 30		Nine Months Ended September 30	
	2008	2007	2008	2007
	(In thousands)			
Service cost	\$ 3,388	\$ 3,778	\$ 9,688	\$ 9,593
Interest cost	3,626	3,938	10,976	9,897
Expected return on plan assets	(4,248)	(5,158)	(13,448)	(12,993)
Amortization of prior service credit	(60)	(102)	(160)	(202)
Amortization of other actuarial losses	1,160	1,956	2,410	5,400
	<u>\$ 3,866</u>	<u>\$ 4,412</u>	<u>\$ 9,466</u>	<u>\$ 11,695</u>

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

	Three Months Ended September 30		Nine Months Ended September 30	
	2008	2007	2008	2007
	(In thousands)			
Service cost	\$ 736	\$ 699	\$ 2,204	\$ 2,097
Interest cost	929	762	2,787	2,287
Amortization of prior service credit	865	415	2,594	1,246
Amortization of other actuarial gains	(911)	(754)	(2,733)	(2,260)
	<u>\$ 1,619</u>	<u>\$ 1,122</u>	<u>\$ 4,852</u>	<u>\$ 3,370</u>

12. Comprehensive Income

Comprehensive income consists of net income and other comprehensive income. Other comprehensive income items under Statement of Financial Accounting Standards No. 130, *Reporting Comprehensive Income*, are transactions recorded in stockholders' equity during the year, excluding net income and transactions with stockholders.

The following table details the components of comprehensive income:

	Three Months Ended September 30		Nine Months Ended September 30	
	2008	2007	2008	2007
	(In thousands)			
Net income	\$ 97,848	\$ 27,280	\$ 291,992	\$ 93,556
Other comprehensive income, net of income taxes:				
Pension, postretirement and other post-employment benefits, net of reclassifications into net income	(613)	702	(513)	1,869
Available-for-sale securities, net of reclassifications into net income	(287)	(900)	888	(1,640)
Unrealized gains (losses) on derivatives, net of reclassifications into net income	(14,999)	766	(4,472)	6,474
Total comprehensive income	<u>\$ 81,949</u>	<u>\$ 27,848</u>	<u>\$ 287,895</u>	<u>\$ 100,259</u>

Unrealized gains (losses) on derivatives relates to derivative financial instruments the Company uses to manage exposures to changing commodity prices. The Company uses heating oil swaps and purchased call options to reduce the risk of changes in the price of diesel fuel purchases. The unrealized losses during the three months ended September 30, 2008 resulted from volatility in the price of heating oil.

13. Capital Stock

During the three months ended September 30, 2008, the Company repurchased 1.5 million shares of its common stock under the Company's share repurchase program at an average price of \$35.62. At September 30, 2008, approximately 10.9 million shares of the Company's common stock were available for repurchase under the program. At September 30, 2008, \$5.9 million remained payable related to share purchases and is classified in accounts payable in the accompanying condensed consolidated balance sheet.

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In January, 2008, 84,376 shares of the Company's 5% Perpetual Cumulative Convertible Preferred Stock ("Preferred Stock") were converted into 404,735 shares of the Company's common stock. On February 1, 2008, the Company redeemed the remaining 505 shares of Preferred Stock at the redemption price of \$50.00 per share.

14. Earnings per Share

The following table reconciles basic and diluted weighted average shares outstanding:

	Three Months Ended September 30		Nine Months Ended September 30	
	2008	2007	2008	2007
	(In thousands)			
Basic weighted average shares outstanding	144,035	142,627	143,885	142,392
Effect of common stock equivalents under incentive plans	863	1,116	917	1,087
Effect of common stock equivalents arising from Preferred Stock	—	408	46	441
Diluted weighted average shares outstanding	<u>144,898</u>	<u>144,151</u>	<u>144,848</u>	<u>143,920</u>

15. Guarantees

The Company has agreed to continue to provide surety bonds and letters of credit for reclamation and retiree healthcare obligations of Magnum Coal Company ("Magnum") related to the properties the Company sold to Magnum on December 31, 2005. The Purchase Agreement requires Magnum to reimburse the Company for costs related to the surety bonds and letters of credit and to use commercially reasonable efforts to replace the obligations. At September 30, 2008, the Company had \$92.5 million of surety bonds related to properties sold to Magnum. Patriot Coal Corporation acquired Magnum in July 2008, and, as a result, Magnum will be required to post letters of credit in the Company's favor for the full amount of the reclamation obligation on or before February 2010.

Magnum also acquired certain coal supply contracts with customers who have not consented to the assignment of the contract from the Company to Magnum. The Company has committed to purchase coal from Magnum to sell to those customers at the same price it is charging the customers for the sale. In addition, certain contracts have been assigned to Magnum, but the Company has guaranteed Magnum's performance under the contracts. The longest of the coal supply contracts extends to the year 2017. If Magnum is unable to supply the coal for these coal sales contracts then the Company would be required to purchase coal on the open market or supply contracts from its existing operations. At market prices effective at September 30, 2008, the cost of purchasing 14.5 million tons of coal to supply the contracts that have not been assigned over their duration would exceed the sales price under the contracts by approximately \$665.4 million, and the cost of purchasing 4.1 million tons of coal to supply the assigned and guaranteed contracts over their duration would exceed the sales price under the contracts by approximately \$227.8 million. The Company has also guaranteed Magnum's performance under certain operating leases, the longest of which extends through 2011. If the Company were required to perform under its guarantees of the operating lease agreements, it would be required to make \$7.0 million of lease payments. As the Company does not believe that it is probable that it would have to purchase replacement coal or fulfill its obligations under the lease guarantees, no liabilities have been recorded in the financial statements as of September 30, 2008. However, if the Company would have to perform under these guarantees, it could potentially have a material adverse effect on the business, results of operations and financial condition of the Company.

In connection with the Company's acquisition of the coal operations of ARCO and the simultaneous combination of the acquired ARCO operations and the Company's Wyoming operations into the Arch Western joint venture, the Company agreed to indemnify the other member of Arch Western against certain tax liabilities in the event that such liabilities arise prior to June 1, 2013 as a result of certain actions taken, including the sale or other disposition of certain properties of Arch Western, the repurchase of certain equity interests in Arch Western by Arch Western or the reduction under certain circumstances of indebtedness incurred by Arch Western in connection with the acquisition. If the Company were to become liable, the maximum amount of potential future tax payments was \$54.1 million at September 30, 2008, which is not recorded as a liability on the Company's financial statements. Since the indemnification is dependent upon the initiation of activities within the Company's control and the Company does not intend to initiate such activities, it is remote that the Company will become liable for any obligation related to this indemnification. However, if such indemnification obligation were to arise, it could potentially have a material adverse effect on the business, results of operations and financial condition of the Company.

16. Contingencies

The Company is a party to numerous claims and lawsuits with respect to various matters. The Company provides for costs related to contingencies when a loss is probable and the amount is reasonably estimable. After conferring with counsel, it is the opinion of management that the ultimate resolution of pending claims will not have a material adverse effect on the consolidated financial condition, results of operations or liquidity of the Company.

17. Segment Information

The Company has three reportable business segments, which are based on the major low-sulfur coal basins in which the Company operates. Each of these reportable business segments includes a number of mine complexes. The Company manages its coal sales by coal basin, not by individual mine complex. Geology, coal transportation routes to customers, regulatory environments and coal quality are generally consistent within a basin. Accordingly, market and contract pricing have developed by coal basin. Mine operations are evaluated based on their per-ton operating costs (defined as including all mining costs but excluding pass-through transportation expenses), and on other non-financial measures, such as safety and environmental performance. The Company's reportable segments are the Powder River Basin (PRB) segment, with operations in Wyoming; the Western Bituminous (WBIT) segment, with operations in Utah, Colorado and southern Wyoming; and the Central Appalachia (CAPP) segment, with operations in southern West Virginia, eastern Kentucky and Virginia.

Operating segment results for the three and nine months ended September 30, 2008 and 2007 are presented below. Results for the operating segments include all direct costs of mining. 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.

	<u>PRB</u>	<u>WBIT</u>	<u>CAPP</u> (In thousands)	<u>Corporate, Other and Eliminations</u>	<u>Consolidated</u>
Three months ended September 30, 2008					
Coal sales	\$ 292,359	\$ 161,085	\$ 316,014	\$ —	\$ 769,458
Income (loss) from operations	21,835	21,957	94,586	(50,627)	87,751
Total assets	1,798,793	2,049,686	1,005,835	(912,747)	3,941,567
Depreciation, depletion and amortization	29,773	18,888	23,145	379	72,185
Capital expenditures	29,432	30,017	17,221	1,375	78,045
Three months ended September 30, 2007					
Coal sales	\$ 276,960	\$ 143,905	\$ 178,286	\$ —	\$ 599,151
Income (loss) from operations	32,853	23,256	10,644	(16,929)	49,824
Total assets	1,686,897	1,892,733	737,497	(833,098)	3,484,029
Depreciation, depletion and amortization	30,021	16,939	11,201	467	58,628
Capital expenditures	7,397	17,737	27,983	40,424	93,541
Nine months ended September 30, 2008					
Coal sales	\$ 865,707	\$ 517,714	\$ 870,504	\$ —	\$ 2,253,925
Income (loss) from operations	79,040	100,145	223,671	(29,705)	373,151
Depreciation, depletion and amortization	87,594	60,189	68,097	1,300	217,180
Capital expenditures	105,994	124,835	57,790	125,506	414,125
Nine months ended September 30, 2007					
Coal sales	\$ 783,915	\$ 411,044	\$ 574,286	\$ —	\$ 1,769,245
Income (loss) from operations	92,344	68,836	43,959	(50,602)	154,537
Depreciation, depletion and amortization	86,251	48,781	37,330	1,876	174,238
Capital expenditures	21,483	78,347	152,661	171,394	423,885

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

	Three Months Ended September 30		Nine Months Ended September 30	
	2008	2007	2008	2007
	(In thousands)			
Income from operations	\$ 87,751	\$ 49,824	\$ 373,151	\$ 154,537
Interest expense	(17,019)	(17,151)	(56,228)	(53,142)
Interest income	235	513	1,128	1,637
Other non-operating expense	—	(806)	—	(2,126)
Income before income taxes	<u>\$ 70,967</u>	<u>\$ 32,380</u>	<u>\$ 318,051</u>	<u>\$ 100,906</u>

18. Subsequent Event

As part of the Emergency Economic Stabilization Act (“the Act”) enacted on October 3, 2008, certain coal producers may file for black lung excise tax refunds on taxes paid on export sales subsequent to October 1, 1990, along with interest computed at statutory rates. The Company has filed for refunds under the Act and estimates the Company could receive up to \$10.0 million, plus interest of up to \$11.0 million. The refunds are subject to approval by the IRS. As of September 30, 2008, no amounts had been recognized related to these tax refunds.

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

This document contains “forward-looking statements” — that is, statements related to future, not past, events. In this context, forward-looking statements often address our expected future business and financial performance, and often contain words such as “expects,” “anticipates,” “intends,” “plans,” “believes,” “seeks,” or “will.” Forward-looking statements by their nature address matters that are, to different degrees, uncertain. For us, particular uncertainties arise from changes in the demand for our coal by the domestic electric generation industry; from legislation and regulations relating to the Clean Air Act and other environmental initiatives; from operational, geological, permit, labor and weather-related factors; from fluctuations in the amount of cash we generate from operations; from future integration of acquired businesses; and from numerous other matters of national, regional and global scale, including those of a political, economic, business, competitive or regulatory nature. These uncertainties may cause our actual future results to be materially different than those expressed in our forward-looking statements. We do not undertake to update our forward-looking statements, whether as a result of new information, future events or otherwise, except as may be required by law. For a description of some of the risks and uncertainties that may affect our future results, see “Risk Factors” under Item 1A of our Annual Report on Form 10-K for the year ended December 31, 2007 and in the Quarterly Reports on Form 10-Q that we file during the interim periods.

Overview

We are one of the largest coal producers in the United States, focused on mining, processing and marketing coal with low sulfur content for sale to power plants, steel mills and industrial facilities located primarily in the United States.

The locations of our mines enable us to ship coal to most of the major coal-fueled power plants in the United States and provide access to key export terminals. Our three reportable business segments are based on the low-sulfur U.S. coal producing regions in which we operate – the Powder River Basin, the Western Bituminous region and the Central Appalachia region. These geographically distinct areas are characterized by geology, coal transportation routes to consumers, regulatory environments and coal quality. These regional similarities have caused market and contract pricing environments to develop by coal region and form the basis for the segmentation of our operations.

The Powder River Basin is located in northeastern Wyoming and southeastern Montana. The coal we mine from surface operations in this region has a very low sulfur content and a low heat value compared to the other regions in which we operate. The price of Powder River Basin coal is generally less than that of coal produced in other regions because Powder River Basin coal is generally lower in heat value, exists in greater abundance, and is easier to mine and thus has a lower cost of production. Because Powder River Basin coal is generally lower in heat value, some power plants must blend it with higher Btu coal or retrofit existing coal plants to accommodate Powder River Basin coal. The Western Bituminous region includes western Colorado, eastern Utah and southwestern Wyoming. Coal we mine from underground mines in this region typically has a low sulfur content and varies in heat value. Central Appalachia includes eastern Kentucky, Virginia and southern West Virginia. Coal we mine from both surface and underground mines in this region generally has a high heat value and low sulfur content. In addition, we sell a portion of the coal we produce in the Central Appalachia region as metallurgical coal. We are typically able to sell metallurgical coal to customers in the steel industry at prices that exceed the price at which we are able to sell steam coal to power plants and industrial facilities because metallurgical coal has high heat content, low expansion pressure, low sulfur content and various other chemical attributes.

In the third quarter of 2008, our earnings benefited substantially from coal prices that were higher than the third quarter of 2007 and increased volumes of metallurgical coal sales. We believe that growing domestic and international coal demand, along with persistent challenges in augmenting global coal production, infrastructure and transportation networks, has led to a shift in worldwide coal trade. Constrained global coal supply has allowed the United States to become a more significant exporter of metallurgical and steam coal in 2008. A strengthening international coal market has positively influenced domestic coal markets, and we expect that trend to continue, despite a weakening global economy. Despite some deterioration in coal index pricing during the third quarter of 2008, prices during the first nine months of 2008 were significantly higher than prices in the prior year, due to increases in global and domestic coal-based electricity generation and steel production, increases in net coal exports from the United States and production difficulties, particularly in the Central Appalachian region. We believe these industry fundamentals will continue in the long-term.

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We have not yet priced a portion of the coal we plan to produce over the next two years in order to take advantage of expected strong prices in the future. At September 30, 2008, our expected unpriced production approximated between 30 million and 40 million tons in 2009 and between 75 million and 85 million tons in 2010.

Our coal trading activities allow us to complement our underlying physical coal assets. We utilize our experience in physical market transactions and our market intelligence to manage a portfolio of physical and financial contracts to enable us to take advantage of coal market movements. The fair value of our trading portfolio has increased significantly during the first nine months of 2008 due to the favorable market conditions discussed previously, despite the declining prices in the third quarter.

During the third quarter of 2008, we reached a settlement with the IRS regarding our treatment of the acquisition of the coal operations of Atlantic Richfield Company (“ARCO”) and the simultaneous combination of the acquired ARCO operations and our Wyoming operations into the Arch Western joint venture. The settlement resulted in a re-characterization of deferred tax assets that will reduce our future taxable income and will provide additional tax deductions through 2013. This settlement and the impact of the changes in deferred tax assets triggered a reassessment of our ability to realize our deferred tax assets. As a result of the reassessment, which incorporated the impact of strengthened coal markets compared to 2007, we reduced the valuation allowance related to alternative minimum tax credits and net operating loss carryforwards by \$52.6 million in the third quarter of 2008.

Results of Operations

Three Months Ended September 30, 2008 Compared to Three Months Ended September 30, 2007

Summary. Our results during the three months ended September 30, 2008 when compared to the three months ended September 30, 2007 were influenced primarily by the stronger market conditions and the impact of the reversal of \$52.6 million of valuation allowance against deferred tax assets. These factors were offset in part by upward pressure on commodity costs, unrealized losses related to our trading activities and higher depreciation, depletion and amortization costs.

Revenues. The following table summarizes information about coal sales during the three months ended September 30, 2008 and compares those results to the comparable information for the three months ended September 30, 2007:

	Three Months Ended September 30		Increase	
	2008	2007	\$	%
	(Amounts in thousands, except per ton data)			
Coal sales	\$769,458	\$599,151	\$170,307	28.4%
Tons sold	35,239	34,722	517	1.5%
Coal sales realization per ton sold	\$ 21.83	\$ 17.26	\$ 4.57	26.5%

Coal sales. Coal sales increased during the third quarter of 2008 from the third quarter of 2007 primarily due to higher price realizations across all segments and a greater percentage of metallurgical coal sales in Central Appalachia. We have provided more information about the tons sold and the coal sales realizations per ton by operating segment under the heading “Operating segment results” beginning on page 15.

Expenses, costs and other. The following table summarizes expenses, costs, changes in fair value of derivatives and coal trading activities, net and other operating (income) expense, net for the three months ended September 30, 2008 and compares those results to the comparable information for the three months ended September 30, 2007:

	Three Months Ended September 30		Increase (Decrease) in Net Income	
	2008	2007	\$	%
	(Amounts in thousands)			
Cost of coal sales	\$ 567,372	\$ 476,434	\$ (90,938)	(19.1)%
Depreciation, depletion and amortization	72,185	58,628	(13,557)	(23.1)
Selling, general and administrative expenses	22,235	18,868	(3,367)	(17.8)
Change in fair value of coal derivatives and coal trading activities, net	18,382	(541)	(18,923)	—
Other operating (income) expense, net	1,533	(4,062)	(5,595)	(137.7)
	<u>\$ 681,707</u>	<u>\$ 549,327</u>	<u>\$(132,380)</u>	<u>(24.1)%</u>

Cost of coal sales. Our cost of coal sales increased in the third quarter of 2008 from the third quarter of 2007 primarily due to higher per-ton costs and the increase in sales volumes. The higher costs include an increase in

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transportation costs due to increased barge and export sales, higher sales-sensitive costs resulting from the increase in price realizations and higher per-ton production costs in the Powder River Basin. We have provided more information about our operating segments under the heading "Operating segment results" below.

Depreciation, depletion and amortization. The increase in depreciation, depletion and amortization expense from the third quarter of 2007 to the third quarter of 2008 is due primarily to the costs of capital improvement and mine development projects that we capitalized in 2007 and 2008. We have provided more information about our operating segments under the heading "Operating segment results" below and our capital spending in the section entitled "Liquidity and Capital Resources" beginning on page 20.

Selling, general and administrative expenses. The increase in selling, general and administrative expenses from the third quarter of 2007 to the third quarter of 2008 is due primarily to an increase in employee incentive compensation costs of \$4.4 million and an increase in industry group dues of \$2.1 million. The increase in employee compensation costs results primarily from anticipated payouts under plans that are dependent upon profitability and also due to expenses related to option grants. These increases were offset in part by a decrease of \$5.9 million in expenses associated with our deferred compensation plan, which results primarily from the impact of changes in the value of our common stock on the amounts owed to participants.

Change in fair value of coal derivatives and coal trading activities, net. Losses for the third quarter of 2008 relate to the net impact of our coal trading activities and the change in fair value of other coal derivatives that have not been designated as hedge instruments in a hedging relationship. Our coal trading function enabled us to capture the benefit of the movements in the coal markets and generated significant gains during the first half of 2008, some of which were lost in the third quarter of 2008 due to a downturn in the over-the-counter coal markets during the quarter.

Other operating (income) expense, net. The variance between the net other operating expense in the third quarter of 2008 and the net other operating income in the third quarter of 2007 is primarily the result of a \$2.8 million expense related to commercial settlements in the third quarter of 2008 to free up metallurgical coal volumes and \$1.2 million of income from the resolution of a contractual issue with a customer in the third quarter of 2007.

Operating segment results. The following table shows results by operating segment for the three months ended September 30, 2008 and compares those amounts to the comparable information for the three months ended September 30, 2007:

	<u>Three Months Ended September 30</u>		<u>Increase (Decrease)</u>	
	<u>2008</u>	<u>2007</u>	<u>\$</u>	<u>%</u>
	(Tons in thousands)			
<i>Powder River Basin</i>				
Tons sold	26,152	25,923	229	0.9%
Coal sales realization per ton sold (1)	\$ 11.21	\$ 10.66	\$ 0.55	5.2%
Operating margin per ton sold (2)	\$ 0.81	\$ 1.25	\$ (0.44)	(35.2)%
<i>Western Bituminous</i>				
Tons sold	5,135	5,057	78	1.5%
Coal sales realization per ton sold (1)	\$ 26.76	\$ 25.16	\$ 1.60	6.4%
Operating margin per ton sold (2)	\$ 4.08	\$ 4.43	\$ (0.35)	(7.9)%
<i>Central Appalachia</i>				
Tons sold	3,951	3,742	209	5.6%
Coal sales realization per ton sold (1)	\$ 75.16	\$ 46.14	\$ 29.02	62.9%
Operating margin per ton sold (2)	\$ 22.22	\$ 2.33	\$ 19.89	853.6%

(1) Coal sales prices per ton exclude certain transportation costs that we pass through to our customers. We use these financial measures because we believe the amounts as adjusted better represent the coal sales prices we achieved within our operating segments. Since other companies may calculate coal sales prices per ton differently, our calculation may not be comparable to similarly titled measures used by those companies. For the three months ended September 30, 2008, transportation costs per ton were \$0.02 for the Powder River Basin, \$4.60 for the Western Bituminous region and \$4.82 for Central Appalachia. Transportation costs per ton for the three months ended September 30, 2007 were \$0.02 for the Powder River Basin, \$3.30 for the Western Bituminous region and \$1.50 for Central Appalachia.

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

Powder River Basin — Sales volume in the Powder River Basin was slightly higher in the third quarter of 2008 when compared to the third quarter of 2007. In 2007, our production levels reflected planned reductions due to market conditions. Increases in sales prices during the third quarter of 2008 when compared with the third quarter of 2007 reflect higher pricing on contract and market index-priced tons, partially offset by the effect of lower sulfur

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Income taxes. The following table summarizes our income tax expense (benefit) for the three months ended September 30, 2008 and compares that information to the comparable information for the three months ended September 30, 2007:

	<u>Three Months Ended September 30</u>		<u>Increase in Net Income</u>	
	<u>2008</u>	<u>2007</u>	<u>\$</u>	<u>%</u>
	(Amounts in thousands)			
Provision for (benefit from) income taxes	\$(26,881)	\$5,100	\$31,981	627.1%

The benefit from income taxes in the third quarter of 2008 includes a \$52.6 million reduction in our valuation allowance against net operating loss and alternative minimum tax credit carryforwards as a result of a reassessment of the Company's ability to utilize these credits. The reassessment was triggered by the settlement with the IRS discussed previously.

Our effective tax rate is sensitive to changes in estimates of annual profitability and the deduction for percentage depletion. An increase in the effective rate from the third quarter of 2007 to the third quarter of 2008, exclusive of the valuation allowance reduction, resulted from the impact of percentage depletion.

Nine Months Ended September 30, 2008 Compared to Nine Months Ended September 30, 2007

Summary. Our results during the nine months ended September 30, 2008 when compared to the nine months ended September 30, 2007 were influenced primarily by stronger market conditions, the impact of our coal trading activities and the reduction in the valuation allowance against deferred tax assets, offset in part by an upward pressure on commodity costs and higher depreciation, depletion and amortization costs.

Revenues. The following table summarizes information about coal sales during the nine months ended September 30, 2008 and compares those results to the comparable information for the nine months ended September 30, 2007:

	<u>Nine Months Ended September 30</u>		<u>Increase</u>	
	<u>2008</u>	<u>2007</u>	<u>\$</u>	<u>%</u>
	(Amounts in thousands, except per ton data)			
Coal sales	\$2,253,925	\$1,769,245	\$484,680	27.4%
Tons sold	104,887	100,748	4,139	4.1%
Coal sales realization per ton sold	\$ 21.49	\$ 17.56	\$ 3.93	22.4%

Coal sales. Coal sales increased from the first nine months of 2007 to the first nine months of 2008 due to higher price realizations across all segments, a greater percentage of metallurgical coal sales in Central Appalachia and higher sales volumes. We have provided more information about the tons sold and the coal sales realizations per ton by operating segment under the heading "Operating segment results" beginning on page 18.

Expenses, costs and other. The following table summarizes expenses, costs, changes in fair value of coal derivatives and coal trading activities, net, and other operating income, net for the nine months ended September 30, 2008 and compares those results to the comparable information for the nine months ended September 30, 2007:

	<u>Nine Months Ended September 30</u>		<u>Increase (Decrease)</u>	
	<u>2008</u>	<u>2007</u>	<u>\$</u>	<u>%</u>
	(Amounts in thousands)			
Cost of coal sales	\$1,650,259	\$1,408,188	\$(242,071)	(17.2)%
Depreciation, depletion and amortization	217,180	174,238	(42,942)	(24.6)
Selling, general and administrative expenses	80,937	59,885	(21,052)	(35.2)
Change in fair value of coal derivatives and coal trading activities, net	(65,336)	(1,317)	64,019	—
Other operating income, net	(2,266)	(26,286)	(24,020)	(91.4)
	<u>\$1,880,774</u>	<u>\$1,614,708</u>	<u>\$(266,066)</u>	<u>(16.5)%</u>

Cost of coal sales. Our cost of coal sales increased from the first nine months of 2007 to the first nine months of 2008 primarily due to the increase in sales volumes, an increase in transportation costs due to increased barge and export sales, higher sales-sensitive costs and higher per-ton production costs in the Powder River Basin. We have provided more information about our operating segments under the heading "Operating segment results" beginning on page 18.

Depreciation, depletion and amortization. The increase in depreciation, depletion and amortization expense

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from the first nine months of 2007 to the first nine months of 2008 is due primarily to the costs of capital improvement and mine development projects that we capitalized in 2007 and 2008. We have provided more information about our operating segments under the heading “Operating segment results” below and our capital spending in the section entitled “Liquidity and Capital Resources” beginning on page 20.

Selling, general and administrative expenses. The increase in selling, general and administrative expenses from the first nine months of 2007 to the first nine months of 2008 is due primarily to increases in employee incentive compensation costs of \$12.8 million, industry group dues of \$3.8 million, travel costs of \$2.7 million and other employee compensation costs of \$1.2 million.

Change in fair value of coal derivatives and coal trading activities, net. Gains for the first nine months of 2008 relate to the net impact of our coal trading activities and the change in fair value of other coal derivatives that have not been designated as hedge instruments in a hedging relationship. Our coal trading function enabled us to capture the benefit of the price movements in the coal markets during the first nine months of 2008.

Other operating income, net. The decrease in net income from changes in other operating income, net in the first nine months of 2008 compared to the first nine months of 2007 is due primarily to a gain in 2007 of \$9.1 million on the disposition of the Mingo Logan – Ben Creek property, gains in 2007 of \$8.4 million related to the sale of non-core reserves in the Powder River Basin and Central Appalachia and a decrease of \$2.8 million related to the value of the assets supporting our deferred compensation plan.

Operating segment results. The following table shows results by operating segment for the nine months ended September 30, 2008 and compares those amounts to the comparable information for the nine months ended September 30, 2007:

	Nine Months Ended September 30		Increase (Decrease)	
	2008	2007	\$	%
(Tons in thousands)				
Powder River Basin				
Tons sold	76,726	74,032	2,694	3.6%
Coal sales realization per ton sold (3)	\$ 11.25	\$ 10.55	\$ 0.70	6.6%
Operating margin per ton sold (4)	\$.99	\$ 1.21	\$(0.22)	(18.2)%
Western Bituminous				
Tons sold	15,909	14,777	1,132	7.7%
Coal sales realization per ton sold (3)	\$ 27.89	\$ 24.69	\$ 3.20	13.0%
Operating margin per ton sold (4)	\$ 6.12	\$ 4.46	\$ 1.66	37.2%
Central Appalachia				
Tons sold	12,253	11,939	314	2.6%
Coal sales realization per ton sold (3)	\$ 66.77	\$ 46.77	\$20.00	42.8%
Operating margin per ton sold (4)	\$ 17.55	\$ 2.72	\$14.83	545.2%

(3) Coal sales prices per ton exclude certain transportation costs that we pass through to our customers. We use these financial measures because we believe the amounts as adjusted better represent the coal sales prices we achieved within our operating segments. Since other companies may calculate coal sales prices per ton differently, our calculation may not be comparable to similarly titled measures used by those companies. For the period ended September 30, 2008, transportation costs per ton were \$0.03 for the Powder River Basin, \$4.65 for the Western Bituminous region and \$4.28 for Central Appalachia. Transportation costs per ton for the period ended September 30, 2007 were \$0.04 for the Powder River Basin, \$3.13 for the Western Bituminous region and \$1.33 for Central Appalachia.

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

Powder River Basin — Sales volume in the Powder River Basin was higher in the first nine months of 2008 when compared to the first nine months of 2007 due primarily to planned production cutbacks in 2007 in response to weak market conditions. Increases in sales prices during the first nine months of 2008 when compared with the first nine months of 2007 reflect higher pricing on contract and market index-priced tons, partially offset by the effect of lower sulfur dioxide emission allowance prices. On a per-ton basis, operating margins for the nine months ended September 30, 2008 decreased from the nine months ended September 30, 2007 due to an increase in per-ton costs, which offset the contribution of higher sales prices. The increase in per-ton costs resulted primarily from higher diesel fuel and explosives prices, and higher sales-sensitive costs, the cost of planned repair and maintenance projects and labor costs.

Western Bituminous — In the Western Bituminous region, sales volume increased during the first nine months of 2008 when compared with the first nine months of 2007, driven largely by increased demand in the region.

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Higher sales prices during the first nine months of 2008 when compared with the first nine months of 2007 resulted from higher contract pricing from the roll off of lower-priced legacy contracts and the effect of market-based spot sales during the first nine months of 2008. Higher sales prices resulted in higher per-ton operating margins for the first nine months of 2008 compared to the first nine months of 2007, partially offset by an increase in depreciation, depletion and amortization and the impact of higher sales-sensitive costs.

Central Appalachia — Our sales volumes in Central Appalachia increased during the first nine months of 2008 when compared with the first nine months of 2007 primarily due to the commencement of production at our Mountain Laurel complex at the beginning of the fourth quarter of 2007. Sales from our Mountain Laurel complex during the first nine months of 2008 exceeded the sales volume from our former Mingo Logan-Ben Creek facility, which we sold at the end of the second quarter of 2007. Higher realized prices in the first nine months of 2008 reflect the increase in metallurgical coal volume and higher overall pricing on metallurgical and steam coal sales. Our coal volumes sold into metallurgical markets were 3.5 million tons in the first nine months of 2008 compared to 1.3 million tons in the first nine months of 2007. Operating margins per ton for the first nine months of 2008 increased from the first nine months of 2007 due to the increase in sales prices, net of the impact of higher sales-sensitive costs, and a decrease in cash costs per-ton. Our costs of production at Mountain Laurel are lower than our average for the region, which resulted in lower cash costs per ton, exclusive of sales-sensitive costs, in the first nine months of 2008 compared to the first nine months of 2007. These margin improvements were partially offset by the effect of higher depreciation, depletion and amortization costs, primarily from Mountain Laurel.

Net interest expense. The following table summarizes our net interest expense for the nine months ended September 30, 2008 and compares that information to the comparable information for the nine months ended September 30, 2007:

	<u>Nine Months Ended September 30</u>		<u>Decrease in Net Income</u>	
	<u>2008</u>	<u>2007</u>	<u>\$</u>	<u>%</u>
	(Amounts in thousands)			
Interest expense	\$ (56,228)	\$ (53,142)	\$ (3,086)	(5.8)%
Interest income	1,128	1,637	(509)	(31.1)%
	<u>\$ (55,100)</u>	<u>\$ (51,505)</u>	<u>\$ (3,595)</u>	<u>(7.0)%</u>

During the first nine months of 2008 compared to the first nine months of 2007, slightly lower interest on borrowings, resulting from a reduction in our average borrowing rate during 2008, was offset by a decrease in interest capitalized during 2008. We capitalized \$8.7 million of interest during the nine months ended September 30, 2008 and \$16.6 million during the nine months ended September 30, 2007. For more information on our ongoing capital improvement and development projects, see “Liquidity and Capital Resources” beginning on page 20.

Other non-operating expense. Amounts reported as non-operating consist of income or expense resulting from our financing activities other than interest. We previously had amounts deferred from the termination of hedge accounting related to interest rate swaps, and other non-operating expense for the nine months ended September 30, 2007 represents the amortization of the amounts that had previously been deferred.

Income taxes. The following table summarizes our income tax expense for the nine months ended September 30, 2008 and compares that information to the comparable information for the nine months ended September 30, 2007:

	<u>Nine Months Ended September 30</u>		<u>Decrease in Net Income</u>	
	<u>2008</u>	<u>2007</u>	<u>\$</u>	<u>%</u>
	(Amounts in thousands)			
Provision for income taxes	\$26,059	\$7,350	\$18,709	254.5%

The provision for income taxes for the nine months ended September 30, 2008 is net of a \$52.6 million reduction in our valuation allowance against net operating loss and alternative minimum tax credit carryforwards. The reduction was the result of a reassessment of the Company’s ability to utilize these credits, triggered by the settlement with the IRS discussed previously.

Our effective tax rate is sensitive to changes in estimates of annual profitability and percentage depletion. An increase in the effective rate from the first nine months of 2007 to the first nine months of 2008, exclusive of the effect of the valuation allowance, is primarily the result of the impact of percentage depletion.

Liquidity and Capital Resources

Credit crisis and economic environment

The recent crisis in the financial markets has had a significant adverse impact on a number of financial institutions. In this credit environment, we expect our borrowing costs to increase and our ability to issue commercial paper to be constrained. The ongoing uncertainty in the financial markets may have an impact in the future on: security prices; the financial stability of our customers and counterparties; availability under our lines of credit; the cost and availability of insurance and financial surety programs, and pension plan funding requirements. At this point in time, however, our liquidity has not been materially affected. We had available borrowing capacity of approximately \$620.0 million under our lines of credit at September 30, 2008. Management will continue to closely monitor our own liquidity, credit markets and counterparty credit risk. Management cannot predict with any certainty the impact to our liquidity of any further disruption in the credit environment.

Liquidity and Capital Resources

Our primary sources of cash include sales of our coal production to customers, borrowings under our credit facilities or other financing arrangements, and debt and equity offerings related to significant transactions. Excluding any significant mineral reserve acquisitions, we generally satisfy our working capital requirements and fund capital expenditures and debt-service obligations with cash generated from operations or borrowings under our credit facilities, accounts receivable securitization or commercial paper programs. The borrowings under these arrangements are classified as current if the underlying credit facilities expire within one year or if, based on cash projections and management plans, we do not have the intent to replace them on a long-term basis. Such plans are subject to change based on our cash needs.

We believe that cash generated from operations and borrowings under our credit facilities or other financing arrangements will be sufficient to meet working capital requirements, anticipated capital expenditures and scheduled debt payments for at least the next several years. Our ability to satisfy debt service obligations, to fund planned capital expenditures, to make acquisitions, to repurchase our common shares and to pay dividends will depend upon our future operating performance, which will be affected by prevailing economic conditions in the coal industry and financial, business and other factors, some of which are beyond our control.

The following is a summary of cash provided by or used in each of the indicated types of activities during the respective periods:

	Nine Months Ended September 30	
	2008	2007
	(in thousands)	
Cash provided by (used in):		
Operating activities	\$ 508,094	\$ 264,382
Investing activities	(434,147)	(360,225)
Financing activities	(37,961)	96,709

Cash provided by operating activities was \$508.1 million, an increase of \$243.7 million in the first nine months of 2008 compared to the first nine months of 2007, primarily as a result of our increased profitability during 2008.

Cash used in investing activities for the first nine months of 2008 was \$434.1 million, \$73.9 million more than was used in investing activities for the first nine months of 2007. Proceeds from asset sales were \$69.9 million during the first nine months of 2007, compared to \$1.1 million in the first nine months of 2008. Our proceeds from asset sales in 2007 included \$43.5 million related to the sale of the Mingo Logan-Ben Creek complex and \$26.0 million from the sale of non-core reserves in the Powder River Basin and Central Appalachia. Capital expenditures decreased \$9.8 million during the first nine months of 2008 compared to the first nine months of 2007. During the first nine months of 2007 and 2008, we made the third and fourth of five annual payments of \$122.2 million on the Little Thunder federal coal lease in Wyoming. Additionally, in the first nine months of 2008, we spent approximately \$78.4 million on the construction of a new loadout facility at our Black Thunder mine in Wyoming and \$101.2 million for the transition to a new reserve area at our West Elk mining complex in Colorado, including the cost of purchasing a new longwall and other mining equipment. We expect to complete the work on the loadout facility and to transition to the new seam at West Elk in the fourth quarter of 2008.

In the first nine months of 2007, in addition to the third payment on the Little Thunder lease, we acquired property and reserves in Illinois for \$38.9 million, spent approximately \$140.4 million on the development of the

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Mountain Laurel complex in Central Appalachia, and made payments of approximately \$33.9 million for a new longwall at our Sufco mine in Utah. Also during the first nine months of 2007, we recovered \$18.3 million from the lease of equipment in the Powder River Basin on which we had previously made deposits to purchase the equipment.

Cash used in financing activities was \$38.0 million during the first nine months of 2008 compared to cash provided by financing activities of \$96.7 million during the first nine months of 2007, due to improved operating cash flows. We borrowed \$50.9 million under our commercial paper program and under lines of credit during the first nine months of 2008, \$83.2 million less than in the first nine months of 2007. During the third quarter of 2008, Standard and Poor's Rating Services raised our corporate credit rating to "BB" from "BB-", which should have a beneficial impact on our cost of borrowing. Our average cost of borrowing during the nine months ended September 30, 2008 was 6.40% compared to an average cost of borrowing of 7.13% during the nine months ended September 30, 2007. In April 2008, we increased our commercial paper program to \$100.0 million and in May 2008, we increased our limit under the accounts receivable securitization program to \$175.0 million.

During the third quarter of 2008, we repurchased 1.5 million shares of common stock under our share repurchase program at an average price of \$35.62. We paid \$47.9 million during the quarter, with the remaining \$5.9 million to be paid in the fourth quarter. During the first nine months of 2008, we paid dividends of \$36.0 million, an increase of \$7.3 million when compared to the first nine months of 2007, due to an increase in the dividend rate from \$0.06 per share to \$0.07 per share in April 2007 and from \$0.07 per share to \$0.09 per share in April 2008.

In light of the current credit markets, we strengthened our liquidity position by building a cash balance of \$41.0 million as of September 30, 2008 and by diversifying our borrowings among our lines of credit. While we expect our ability to issue commercial paper will be affected by the current credit markets, we believe we have sufficient liquidity under our credit facilities. We had available borrowing capacity of approximately \$620.0 million under our lines of credit at September 30, 2008.

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:

	Nine Months Ended September 30	
	2008	2007
Ratio of earnings to combined fixed charges and preference dividends	5.70x	2.21x

- (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.

Critical Accounting Policies

On January 1, 2008, we adopted Financial Accounting Standards Board Statement No. 157, *Fair Value Measurements*, which we refer to as Statement No. 157. Statement No. 157 defines fair value, establishes a framework for measuring fair value and expands disclosures about fair value measurements under other accounting pronouncements that require or permit fair value measurements. Statement No. 157 was adopted prospectively for our financial instruments. The effective date of Statement No. 157 was deferred for one year for nonfinancial assets and liabilities that are recognized or disclosed at fair value in the financial statements on a nonrecurring basis, which we will adopt effective January 1, 2009.

Other than the adoption of Statement No. 157, there have been no significant changes to our critical accounting policies during the nine months ended September 30, 2008.

Fair Value Measurements

To the extent possible, we use quoted prices in active markets for identical assets to value assets and liabilities recorded at fair value on a recurring basis. We are able to use this methodology to value investments in equity securities and exchange traded coal contracts. To determine the fair value of other commodity contracts not traded on an exchange (coal and heating oil), we use quoted prices in the over-the-counter market or direct broker quotes. Certain commodity contracts are valued using modeling techniques, such as Black-Scholes, that require the use of inputs, primarily volatility, that are not observable, but are based on assumptions that we believe market participants

would use in valuing the asset or liability. Fair values are adjusted for counterparty credit risk.

Item 3. Quantitative and Qualitative Disclosures About Market Risk.

We manage our commodity price risk for our non-trading, long-term coal contract portfolio primarily through the use of long-term coal supply agreements. At September 30, 2008, our expected unpriced production approximated between 30 million and 40 million tons in 2009 and between 75 million and 85 million tons in 2010.

We are exposed to commodity price risk in our coal trading activities, which represents the potential loss that could be caused by an adverse change in the market value of coal. We have attempted to limit the losses that we would incur should market prices drop below a certain level. With respect to our coal trading positions, a 10% decrease in PRB coal prices and a 20% decrease in Eastern coal prices from their levels at September 30, 2008 would result in an approximately \$7.0 million decrease in the fair value of our coal trading positions. The timing of the estimated future settlements of our trading portfolio is 17% in the remainder of 2008, 61% in 2009 and 22% in 2010.

We are also exposed to the risk of fluctuations in cash flows related to our purchase of diesel fuel. We use approximately 45 million gallons of diesel fuel annually in our operations. We enter into forward physical purchase contracts and heating oil swaps and options to reduce volatility in the price of diesel fuel for our operations, and in doing so had protected approximately 68% of our forecasted purchases for the remainder of 2008 and 53% of our forecasted purchases for 2009 at September 30, 2008. At December 31, 2007, we had protected approximately 23% of our forecasted purchases for 2008. The swap agreements essentially fix the price paid for diesel fuel by requiring us to pay a fixed heating oil price and receive a floating heating oil price. The call options protect against increases in diesel fuel by granting us the right to participate in increases in heating oil prices. The changes in the floating heating oil price highly correlate to changes in diesel fuel prices. Accordingly, the derivatives qualify for hedge accounting and the changes in the fair value of the derivatives are recorded through other comprehensive income. At September 30, 2008, a \$0.25 per gallon decrease in the price of heating oil would result in an increase of approximately \$7.0 million in our expense in 2009 resulting from heating oil derivatives, which would be offset by a decrease in the cost of our physical diesel purchases.

In addition to the other quantitative and qualitative disclosures about market risk contained in this report, you should see Item 7A of our Annual Report on Form 10-K for the year ended December 31, 2007. There have been no other material changes in our exposure to market risk since December 31, 2007.

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 September 30, 2008. 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 internal control over financial reporting that occurred during our fiscal quarter ended September 30, 2008 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 in the ordinary course of business. In the opinion of management, the outcome of such ordinary course of business proceedings and litigation currently pending will not have a material adverse effect on our results of operations or financial results.

You should see Part I, Item 3 of our Annual Report on Form 10-K for the year ended December 31, 2007 and Part II, Item 1 of the Quarterly Reports on Form 10-Q that we have filed during the subsequent interim periods for more information about some of the proceedings and litigation in which we are involved.

Item 1A. Risk Factors.

Our business inherently involves certain risks and uncertainties. The risks and uncertainties described in Item 1A of our Annual Report on Form 10-K for the year ended December 31, 2007 and in the Quarterly Reports on Form 10-Q that we file during the interim periods are not the only ones we face. Additional risks and uncertainties not presently known to us or that we currently deem immaterial may also impair our business operations. Should one or more of any of these risks materialize, our business, financial condition, results of operations or liquidity could be materially adversely affected.

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

The following table summarizes information about shares of our common stock that we purchased during the third quarter of 2008.

Period	Total Number of Shares Purchased	Average Price Paid Per Share	Total Number of Shares Purchased As Part of our Share Repurchase Program ⁽¹⁾	Approximate Dollar Value of Shares That May Yet be Purchased Under Our Share Repurchase Program
Jul. 1 – Jul. 31, 2008	—		—	
Aug. 1 – Aug. 31, 2008	—		—	
Sep. 1 – Sep. 30, 2008	1,511,800	\$35.62	1,511,800	
Total	<u>1,511,800</u>		<u>1,511,800</u>	\$225,289,996 ⁽²⁾

- (1) In September 2006, our board of directors authorized a share repurchase program for the purchase of up to 14,000,000 shares of our common stock. There is no expiration date on the current authorization, and we have not made any decisions to suspend or cancel purchases under the program. As of September 30, 2008, we have purchased 3,074,200 shares of our common stock under this program.
- (2) Calculated using 10,925,800 shares of common stock that we may purchase under the share repurchase program and \$20.62, the closing price of our common stock as reported on the New York Stock Exchange on November 5, 2008.

Item 3. Defaults Upon Senior Securities.

None.

Item 4. Submission of Matters to a Vote of Security Holders.

None.

Item 5. Other Information.

None.

Item 6. Exhibits.

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

Exhibit	Description
3.1	Restated Certificate of Incorporation of Arch Coal, Inc. (incorporated by reference to Exhibit 3.1 of the registrant's Current Report on Form 8-K filed on May 5, 2006).
3.2	Restated and Amended Bylaws of Arch Coal, Inc. (incorporated by reference to Exhibit 3.2 of the registrant's Annual Report on Form 10-K for the year ended December 31, 2000).
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 Steven F. Leer.
31.2	Rule 13a-14(a)/15d-14(a) Certification of John T. Drexler.
32.1	Section 1350 Certification of Steven F. Leer.
32.2	Section 1350 Certification of John T. Drexler.

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

November 10, 2008

Computation of Ratio of Earnings to Combined Fixed Charges and Preference Dividends

	<u>Nine Months Ended September 30</u>	
	<u>2008</u>	<u>2007</u>
Earnings:		
Pretax income excluding income or loss from equity investments	\$ 317,831	\$ 101,658
Adjustments:		
Fixed charges	66,814	71,446
Distributed income from equity investments	2,167	1,185
Capitalized interest, net of amortization	(5,835)	(16,299)
Arch Western Resources, LLC dividends on preferred membership interest	(78)	(78)
Total earnings	<u>\$ 380,899</u>	<u>\$ 157,912</u>
Fixed charges:		
Interest expense	56,228	\$ 53,142
Capitalized interest	8,662	16,622
Arch Western Resources, LLC dividends on preferred membership interest	78	78
Portions of rent which represent an interest factor	1,846	1,604
Total fixed charges	<u>\$ 66,814</u>	<u>\$ 71,446</u>
Preferred stock dividends	11	166
Total fixed charges and preferred stock dividends	<u>\$ 66,825</u>	<u>\$ 71,612</u>
Ratio of earnings to combined fixed charges and preference dividends	<u>5.70x</u>	<u>2.21x</u>

Certification

I, Steven F. Leer, certify that:

1. I have reviewed this quarterly report on Form 10-Q of Arch Coal, Inc.;

2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;

3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;

4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:

- (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
- (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
- (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
- (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and

5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):

- (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
- (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

/s/ Steven F. Leer

Steven F. Leer
Chairman and Chief Executive Officer

Date: November 10, 2008

Certification

I, John T. Drexler, certify that:

1. I have reviewed this quarterly report on Form 10-Q of Arch Coal, Inc.;

2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;

3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;

4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:

- (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
- (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
- (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
- (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and

5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):

- (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
- (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

/s/ John T. Drexler

John T. Drexler
Senior Vice President and Chief Financial Officer
Date: November 10, 2008

Certification of Periodic Financial Reports

I, Steven F. Leer, Chairman and Chief Executive Officer of Arch Coal, Inc., certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

(1) the Quarterly Report on Form 10-Q for the quarterly period ended September 30, 2008 (the "Periodic Report") which this statement accompanies fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m or 78o(d)); and

(2) information contained in the Periodic Report fairly presents, in all material respects, the financial condition and results of operations of Arch Coal, Inc.

/s/ Steven F. Leer

Steven F. Leer

Chairman and Chief Executive Officer

Date: November 10, 2008

Certification of Periodic Financial Reports

I, John T. Drexler, Senior Vice President and Chief Financial Officer of Arch Coal, Inc., certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

(1) the Quarterly Report on Form 10-Q for the quarterly period ended September 30, 2008 (the "Periodic Report") which this statement accompanies fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m or 78o(d)); and

(2) information contained in the Periodic Report fairly presents, in all material respects, the financial condition and results of operations of Arch Coal, Inc.

/s/ John T. Drexler

John T. Drexler

Senior Vice President and Chief Financial Officer

Date: November 10, 2008