### POTTER ROBERT G

Form 4 March 18, 2009

# FORM 4

#### UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Check this box if no longer

subject to Section 16. Form 4 or Form 5

obligations may continue. See Instruction

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES** 

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person \* POTTER ROBERT G

(First) (Middle) (Last)

**ONECITYPLACE DRIVE** 

(Street)

(State)

ST. LOUIS, MO 63141

(City)

2. Issuer Name and Ticker or Trading

Symbol

ARCH COAL INC [ACI] 3. Date of Earliest Transaction

(Month/Day/Year) 03/16/2009

4. If Amendment, Date Original

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

X\_ Director 10% Owner Officer (give title Other (specify below)

6. Individual or Joint/Group Filing(Check

Applicable Line) \_X\_ Form filed by One Reporting Person Form filed by More than One Reporting Person

6. Ownership

Form: Direct

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3)

(Month/Day/Year)

(Zip)

4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5)

Code V Amount (D) Price

(A) or

Securities Beneficially Owned Following Reported Transaction(s)

(Instr. 3 and 4)

5. Amount of

(Instr. 4)

Ownership (Instr. 4)

(D) or Indirect Beneficial

7. Nature of

(9-02)

Indirect

**OMB APPROVAL** 

3235-0287

January 31,

2005

0.5

**OMB** 

Number:

Expires:

response...

Estimated average

burden hours per

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Conversion Security or Exercise

Price of

(Instr. 3)

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if (Month/Day/Year)

4. Transactionof Code Derivative (Instr. 8) Securities

5. Number 6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount of 8. Price **Underlying Securities** (Instr. 3 and 4)

Derivati Security (Instr. 5)

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Se	ecurity				(A) or Dispos of (D) (Instr. and 5)	osed ) . 3, 4,					
			Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Phantom	(1)	03/16/2009	Δ		285		(2)	(2)	Common	285	\$ 13.7

Acquired

Stock

## **Reporting Owners**

Derivative

Reporting Owner Name / Address	Relationships							
· · · · · · · · · · · · · · · · · · ·	Director	10% Owner	Officer	Other				
POTTER ROBERT G ONECITYPLACE DRIVE	X							
ST. LOUIS, MO 63141	21							

# **Signatures**

Stock

/s/ Gregory A. Billhartz,
Attorney-in-Fact

\*\*Signature of Reporting Person Date

## **Explanation of Responses:**

- \* If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations, See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- Each share of phantom stock represents a right to receive the value in cash of one share of Arch Coal, Inc. common stock. The shares of phantom stock are held by the director through the Arch Coal, Inc. Deferred Compensation Plan for Non-Employee Directors (the "Plan"). The shares of phantom stock acquired by the director represent dividends attributable to amounts that the director elected to defer under the Plan into a hypothetical investment in shares of Arch Coal, Inc. common stock.
- (2) Shares of phantom stock are payable in cash following termination of the director's service as a director of Arch Coal, Inc. The director may transfer amounts held in the phantom stock account into an alternative investment account at any time.

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