POTTER ROBERT G Form 4

July 01, 2009

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

30(h) of the Investment Company Act of 1940

Washington, D.C. 20549

Check this box if no longer subject to Section 16.

Form 4 or Form 5 obligations

may continue. See Instruction 1(b).

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

OMB APPROVAL

OMB Number:

3235-0287

Expires:

January 31, 2005

Estimated average burden hours per

response...

0.5

(Print or Type Responses)

(Last)

(City)

1.Title of

Security

(Instr. 3)

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

ONECITYPLACE DRIVE

(First)

2. Issuer Name and Ticker or Trading Symbol

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

(Middle)

(Month/Day/Year) 06/30/2009

(Street)

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

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

ST. LOUIS, MO 63141

(State) 2. Transaction Date 2A. Deemed

(Month/Day/Year) Execution Date, if (Month/Day/Year)

(Zip)

TransactionAcquired (A) or Code (Instr. 8)

4. Securities Disposed of (D) (Instr. 3, 4 and 5)

(A)

or

5. Amount of Securities Beneficially Owned Following Reported

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial (Instr. 4)

Transaction(s)

Ownership (Instr. 4)

SEC 1474

(9-02)

(Instr. 3 and 4) Code V Amount (D) Price

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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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Security (A) or Disposed of (D) (Instr. 3, 4, and 5) Code V (A) (D) Date Expiration Title Amount Exercisable Date or Number of Shares Phantom Common (2) (1) 06/30/2009 976 (2) 976 \$ 15.3 Α Stock Stock

Acquired

Reporting Owners

Derivative

Reporting Owner Name / Address

Director 10% Owner Officer Other

POTTER ROBERT G
ONECITYPLACE DRIVE X
ST. LOUIS, MO 63141

Signatures

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

07/01/2009

**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") and represent past compensation that the director elected to defer under the Plan into a hypothetical investment in shares of Arch Coal, Inc. common stock and/or dividends attributable to such deferred amounts.
- (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.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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