#### POTTER ROBERT G

Form 4

February 27, 2012

### FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

**OMB** Number:

**OMB APPROVAL** 

3235-0287

Expires:

January 31, 2005

0.5

Estimated average burden hours per

response...

Form 4 or Form 5 obligations may continue.

See Instruction

Check this box

if no longer

subject to

Section 16.

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

1(b).

(Print or Type Responses)

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

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

below)

ARCH COAL INC [ACI]

(Check all applicable)

(First) (Middle) (Last)

(Street)

3. Date of Earliest Transaction

X\_ Director Officer (give title

10% Owner Other (specify

ONECITYPLACE DRIVE

(Instr. 8)

6. Individual or Joint/Group Filing(Check

4. If Amendment, Date Original Filed(Month/Day/Year)

(Month/Day/Year)

02/23/2012

Applicable Line)

\_X\_ Form filed by One Reporting Person Form filed by More than One Reporting

Person

ST. LOUIS, MO 63141

(City) (State) (Zip)

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

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

(Month/Day/Year)

4. Securities TransactionAcquired (A) or Code Disposed of (D) 5. Amount of Securities Beneficially Owned

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

(Instr. 4)

Following

Reported

Transaction(s) (Instr. 3 and 4)

or Code V Amount (D) Price

(Instr. 3, 4 and 5)

(A)

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

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SEC 1474 (9-02)

(Instr. 4)

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 (Instr. 3) Price of

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

Execution Date, if (Month/Day/Year)

5. Number 4. Transaction of Derivative Expiration Date Code Securities (Instr. 8) Acquired

6. Date Exercisable and (Month/Day/Year)

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

Deri Secu (Inst

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Derivative (A) or Security Disposed of (D) (Instr. 3, 4, and 5) Code V (A) (D) Date Expiration Title Amount Exercisable Date or Number of Shares Restricted Common (1) (2) Stock \$ 13.93 02/23/2012 Α 2,500 2,500

Stock

## **Reporting Owners**

Reporting Owner Name / Address

Director 10% Owner Officer Other

POTTER ROBERT G
ONECITYPLACE DRIVE X

ST. LOUIS, MO 63141

### **Signatures**

Units

/s/ Jon S. Ploetz, 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).
- (1) The reporting person received 2500 restricted stock units on February 23, 2012. The restricted stock units vest upon the retirement of the reporting person.
- (2) The restricted stock units do not expire.

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.

Reporting Owners 2