

ARCH COAL INC  
Form 4  
April 28, 2015

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**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. Name and Address of Reporting Person \*  
Freudenthal David D.

(Last) (First) (Middle)

ONE CITYPLACE DRIVE, SUITE 300

(Street)

ST. LOUIS, MO 63141

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
ARCH COAL INC [ACI]

3. Date of Earliest Transaction  
(Month/Day/Year)  
04/24/2015

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

6. Individual or Joint/Group Filing(Check Applicable Line)

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**

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|--|
|                                 |                                      |  |                                | (A) or (D)  | Amount  |  |  |
|                                 |                                      |  |                                | Code  | V   |  |  |
|                                 |                                      |  |                                |   | Amount  |  |  |
|                                 |                                      |  |                                | (D)   | Price   |  |  |

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

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SEC 1474 (9-02)

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

| 1. Title of Derivative Security | 2. Conversion or Exercise | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any | 4. Transaction Code | 5. Number of Derivative Securities Acquired | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) |
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|---|--|---|
|                                 |                           |                                      |                                   |                     |   |  |   |

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| (Instr. 3)             | Price of Derivative Security | (Month/Day/Year) | (Instr. 8) | (A) or (D) | Disposed of (Instr. 3, 4, and 5) | Date Exercisable | Expiration Date | Title        | Amount or Number of Shares |
|------------------------|------------------------------|------------------|------------|------------|----------------------------------|------------------|-----------------|--------------|----------------------------|
| Restricted Stock Units | \$ 1.03                      | 04/24/2015       | M          | (A)        | 22,650                           | (1)              | (2)             | Common Stock | 22,650                     |
| Phantom Stock          | (3)                          | 04/24/2015       | M          | (A)        | 22,650                           | (4)              | (4)             | Common Stock | 22,650                     |

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |         |       |
|---|---------------|-----------|---------|-------|
|   | Director      | 10% Owner | Officer | Other |
| Freudenthal David D.<br>ONE CITYPLACE DRIVE<br>SUITE 300<br>ST. LOUIS, MO 63141 | X             |           |         |       |

## Signatures

/s/ Jon S. Ploetz, Attorney-in-Fact  
Date: 04/28/2015

\_\_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 22,650 restricted stock units on April 23, 2014. The restricted stock units vested on April 23, 2015.
- (2) The restricted stock units do not expire.
- (3) Each share of phantom stock represents the deferral of the receipt of one share of common stock pursuant to Arch Coal, Inc.'s deferred compensation plan.
- (4) Each share of phantom stock represents a right to receive one share of common stock.

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.