### Edgar Filing: ARCH COAL INC - Form 4

| Form 4   | C   |   |   |  |  |   |  |  |  |  |
|--|---|---|---|--|--|---|--|--|--|--|
| June 17, 2009  |   |   |   |  |  |   |  | -  | PPROVAL  |  |
| <b>CURIVI 4</b> UNITED STATES SECURITIES AND EXCHANGE COMMISSION<br>Washington, D.C. 20549 |   |   |   |  |  |   |  |  | 3235-0287  |  |
| Check this box<br>if no longer<br>subject to<br>Section 16.<br>Form 4 or<br>Form 5         | STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF<br>SECURITIES |   |   |  |  |   |  |  | Expires: January 31,<br>2005<br>Estimated average<br>burden hours per<br>esponse 0.5 |  |
| obligations<br>may continue.<br><i>See</i> Instruction<br>1(b).                            | Section 17(   | nge Act of 1934,<br>of 1935 or Secti<br>940 |   |  |  |   |  |  |  |  |
| (Print or Type Respondence)  | nses)   |   |   |  |  |   |  |  |  |  |
| 1. Name and Address of Reporting Person <u>*</u><br>PERRY A MICHAEL                        |   |   | Symbol  | er Name <b>an</b> o<br>COAL IN                   |  |   | 5. Relationship of Reporting Person(s) to Issuer   |  |  |  |
| (Last) (First) (Middle) ONE CITYPLACE DRIVE  |   |   | 3. Date of Earliest Transaction<br>(Month/Day/Year)<br>06/15/2009 |  |  |   | (Check all applicable)<br><u></u> Officer (give title <u></u> 10% Owner<br><u></u> Other (specify<br>below)        |  |  |  |
| (<br>ST. LOUIS, MO   | 4. If Amendment, Date Original<br>Filed(Month/Day/Year)       |   |   |  | 6. Individual or Joint/Group Filing(Check<br>Applicable Line)<br>_X_ Form filed by One Reporting Person<br>Form filed by More than One Reporting |   |  |  |  |  |
|  | (State)   | (Zip)                                       | Tab   | la I Non I                                       | Donivotiv  | Socurities A  | Person   | of or Dopoficia  | ally Owned   |  |
| 1.Title of 2. Tra  | ansaction Date  | -   | ed<br>Date, if  | 3.<br>Transactio<br>Code<br>(Instr. 8)<br>Code V | 4. Securi<br>nAcquirec<br>Disposec<br>(Instr. 3,   | ties<br>(A) or<br>of (D)<br>4 and 5)<br>(A)<br>or       | 5. Amount of<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 3 and 4) | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I)<br>(Instr. 4) | 7. Nature of<br>Indirect   |  |
| Reminder: Report on  | a separate line   | for each cla                                | ass of sect   | urities bene                                     | Perse<br>infor<br>requi  | ons who res<br>nation con<br>red to resp<br>ays a curre | or indirectly.<br>spond to the colle<br>tained in this forn<br>ond unless the fo<br>ntly valid OMB co              | n are not<br>rm  | SEC 1474<br>(9-02)   |  |

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

| 1. Title of | 2.          | 3. Transaction Date | 3A. Deemed         | 4.         | 5. Number  | 6. Date Exercisable and | 7. Title and Amount of | 8. Price   |
|-------------|-------------|---------------------|--------------------|------------|------------|-------------------------|------------------------|------------|
| Derivative  | Conversion  | (Month/Day/Year)    | Execution Date, if | Transactio | onof       | Expiration Date         | Underlying Securities  | Derivativ  |
| Security    | or Exercise |                     | any                | Code       | Derivative | (Month/Day/Year)        | (Instr. 3 and 4)       | Security   |
| (Instr. 3)  | Price of    |                     | (Month/Day/Year)   | (Instr. 8) | Securities |                         |                        | (Instr. 5) |

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|                  | Derivative<br>Security |            |      |   | Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3, 4,<br>and 5) |     |                     |                    |                 |  |         |
|------------------|------------------------|------------|------|---|---|-----|---------------------|--------------------|-----------------|--|---------|
|                  |                        |            | Code | V | (A)   | (D) | Date<br>Exercisable | Expiration<br>Date | Title           | Amount<br>or<br>Number<br>of<br>Shares |         |
| Phantom<br>Stock | <u>(1)</u>             | 06/15/2009 | А    |   | 106   |     | (2)                 | (2)                | Common<br>Stock | 106                                    | \$ 17.3 |

### **Reporting Owners**

| Reporting Owner Name / Address                                | Relationships |           |         |       |  |  |  |  |
|---|---------------|-----------|---------|-------|--|--|--|--|
|   | Director      | 10% Owner | Officer | Other |  |  |  |  |
| PERRY A MICHAEL<br>ONE CITYPLACE DRIVE<br>ST. LOUIS, MO 63141 | Х             |           |         |       |  |  |  |  |
| Signatures  |               |           |         |       |  |  |  |  |
| /s/ Gregory A. Billhartz,<br>Attorney-in-Fact                 |               | 06/17     | /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

- (1) "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.

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.