Warnecke David N Form 4 December 16, 2009

## 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 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 \* Warnecke David N

(First) (Middle) (Last)

(Street)

(State)

(Month/Day/Year)

(Zip)

CITYPLACE ONE, SUITE 300

ST. LOUIS, MO 63144

(City)

1. Title of

Security

(Instr. 3)

2. Issuer Name and Ticker or Trading Symbol

ARCH COAL INC [ACI]

3. Date of Earliest Transaction

(Month/Day/Year) 12/15/2009

4. If Amendment, Date Original

Filed(Month/Day/Year)

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

2. Transaction Date 2A. Deemed 3. Execution Date, if Code

(Month/Day/Year) (Instr. 8)

TransactionAcquired (A) or Disposed of (D)

(Instr. 3, 4 and 5)

4. Securities

Reported (A) Transaction(s)

(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 SEC 1474 information contained in this form are not (9-02)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 3. Transaction Date 3A. Deemed

Derivative Conversion Security or Exercise

(Month/Day/Year)

Execution Date, if any

5. TransactionNumber Code of

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

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

**OMB APPROVAL** 

3235-0287

January 31,

2005

0.5

**OMB** 

Number:

Expires:

response...

5. Relationship of Reporting Person(s) to

6. Individual or Joint/Group Filing(Check

6. Ownership

Form: Direct

(D) or Indirect Beneficial

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

(I)

(Instr. 4)

(Check all applicable)

below) VP-Marketing & Trading

10% Owner

Other (specify

7. Nature of

Ownership

(Instr. 4)

Indirect

Issuer

below)

5. Amount of

Securities

Following

Owned

Beneficially

Director

Applicable Line)

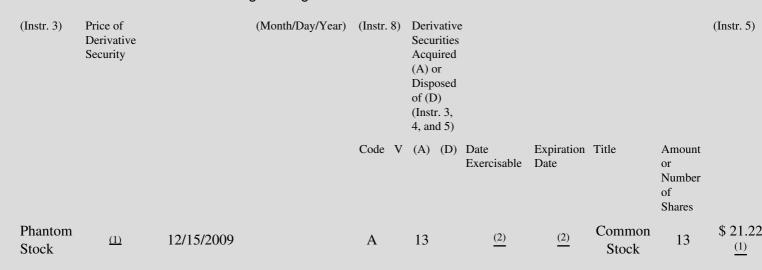
X\_ Officer (give title

Estimated average

burden hours per

Derivative Security

### Edgar Filing: Warnecke David N - Form 4



# **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Warnecke David N CITYPLACE ONE SUITE 300 ST. LOUIS, MO 63144

VP-Marketing & Trading

# **Signatures**

/s/ Robert G. Jones, Attorney-in-Fact

12/16/2009

\*\*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 executive officer through the Arch Coal, Inc. Deferred Compensation Plan (the "Plan"). The shares of phantom stock acquired by the executive officer represent amounts that the executive officer 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 on the date or dates elected by the executive officer, subject to the terms of the Plan. The executive officer may transfer any and all of 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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