Warnecke David N Form 4 December 08, 2010

## FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

**OMB** 

3235-0287 Number: January 31, Expires: 2005

0.5

**OMB APPROVAL** 

Estimated average burden hours per response...

if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

Check this box

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 See Instruction

1(b).

(Print or Type Responses)

12/07/2010

Stock

Stock

Common

1. Name and A Warnecke l	Person * 2. Issue Symbol	2. Issuer Name <b>and</b> Ticker or Trading Symbol				5. Relationship of Reporting Person(s) to Issuer				
		ARCH COAL INC [ACI]				(Check all applicable)				
(Last)	(First) (N	Middle) 3. Date of	le) 3. Date of Earliest Transaction							
CITYPLAC	CE ONE, SUITE 3	`	(Month/Day/Year) 12/07/2010				Director 10% Owner Other (specify below) below)  VP-Marketing & Trading			
	4. If Am	4. If Amendment, Date Original				6. Individual or Joint/Group Filing(Check				
ST. LOUIS	S, MO 63144	Filed(Mo	nth/Day/Year	·)			Applicable Line) _X_ Form filed by C Form filed by M Person	One Reporting Per Iore than One Re		
(City)	(State)	(Zip) Tab	le I - Non-I	Derivative S	Securi	ties Acq	uired, Disposed of	, or Beneficial	y Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	e 2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securit or(A) or Dis (Instr. 3, 4	sposed	of (D)	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 Indirect Beneficial Ownership (Instr. 4)	
Common	12/07/2010		C	12.002	Ъ	\$	0	т	By 401(k)	

13,093 D

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

S

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.

Ι

D

plan

0

5,000

32.69

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

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. Number out of Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	e Expiration I	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
			Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Phantom Stock	<u>(1)</u>	12/07/2010	I	3,002	(2)	<u>(2)</u>	Common Stock	3,002	\$ 32

## **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/ 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).
- 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 dividends attributable to 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.

Reporting Owners 2