Warnecke David N Form 4 February 25, 2009

# FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

OMB APPROVAL

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

obligations

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

may continue.

See Instruction

30(h) of the Investment Company Act of 1940

1(b).

Common

Stock

(Print or Type Responses)

1. Name and Ad Warnecke D	Symbol	•				5. Relationship of Reporting Person(s) to Issuer					
		ARCH	COAL IN	C [ACI]			(Check all applicable)				
(Last)	(First) (M		3. Date of Earliest Transaction								
CITYPLAC	`	(Month/Day/Year) 02/23/2009				Director 10% OwnerX Officer (give title Other (specify below)  VP-Marketing & Trading					
	(Street)	4. If Ame	4. If Amendment, Date Original					6. Individual or Joint/Group Filing(Check			
		Filed(Mor	Filed(Month/Day/Year)					Applicable Line)			
ST. LOUIS,						_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person					
(City)	(State)	Zip) Tabl	e I - Non-D	erivative S	Securi	ties Ac	quired, Disposed	of, or Beneficia	lly Owned		
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)		3. Transaction Code (Instr. 8)	4. SecurionAcquireo Disposeo (Instr. 3,	d (A) od d of (D 4 and (A) or	))	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 Stock	02/23/2009		M	800	A	(1)	14,600	D			

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

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(9-02)

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12,676

By 401(k)

plan

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# 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. Transact Code (Instr. 8)	Derivativ	Expiration I e (Month/Day s	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
			Code V	/ (A) (Е	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Units	<u>(2)</u>	02/23/2009	M	80	0 (3)	<u>(4)</u>	Common Stock	800	(1)

## **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Warnecke David N CITYPLACE ONE SUITE 300

**VP-Marketing & Trading** 

ST. LOUIS, MO 63144

## **Signatures**

/s/ Gregory A. Billhartz,
Attorney-in-Fact
02/25/2009

\*\*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).
- (1) The reporting person received 2,400 restricted stock units on February 23, 2006. The restricted stock units vest ratably over a three-year period. Upon vesting of 800 restricted stock units on February 23, 2009, the reporting person received 800 shares of common stock.
- (2) Each restricted stock unit represents a right to receive one share of common stock unless otherwise deferred, at the reporting person's election, pursuant to the Arch Coal, Inc. Executive Deferred Compensation Plan.
- (3) The reporting person received 2,400 restricted stock units on February 23, 2006. The restricted stock units vest ratably over a three-year period. On February 23, 2009, 800 restricted stock units vested.
- (4) 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.

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