EAVES JOHN W Form 4 February 04, 2008

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

Estimated average burden hours per

response...

OMB APPROVAL

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

Check this box

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 may continue. 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

See Instruction

1. Name and Ad EAVES JOH	^	rting Person *	2. Issuer Name and Ticker or Trading Symbol ARCH COAL INC [ACI]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last)	(Last) (First) (Middle)		3. Date of Earliest Transaction	(Choose an approvate)		
ONE CITYPLACE DRIVE			(Month/Day/Year) 01/31/2008	_X_ Director 10% Owner _X_ Officer (give title Other (specification) below) President & COO		
(Street) ST. LOUIS, MO 63141			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		
(City)	(State)	(Zip)	Tobla I - Non-Darivotiva Sacuritias A.	equired Disposed of or Repeticially Owner		

	(City)	(State)	Table	e I - Non-L	Derivative S	Securi	ities Acqu	ired, Disposed of	, or Beneficiall	y Owned
1.Tit Secu (Instr	rity	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securit on(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)
Con	nmon ek	01/31/2008		M	75,000	A	(<u>1</u>)	112,319	D	
	nmon ck <u>(2)</u>	02/01/2008		S	2,600	D	\$ 43.73	109,719	D	
	nmon ck <u>(2)</u>	02/01/2008		S	900	D	\$ 43.74	108,819	D	
	nmon ck <u>(2)</u>	02/01/2008		S	2,500	D	\$ 41.09	106,319	D	
	nmon ck <u>(2)</u>	02/01/2008		S	400	D	\$ 41.1	105,919	D	

Edgar Filing: EAVES JOHN W - Form 4

Common Stock (2)	02/01/2008	S	1,100	D	\$ 41.12	104,819	D	
Common Stock (2)	02/01/2008	S	3,500	D	\$ 42	101,319	D	
Common Stock (2)	02/01/2008	S	2,500	D	\$ 42.57	98,819	D	
Common Stock (2)	02/01/2008	S	1,900	D	\$ 42.65	96,919	D	
Common Stock (2)	02/01/2008	S	800	D	\$ 42.66	96,119	D	
Common Stock (2)	02/01/2008	S	500	D	\$ 42.67	95,619	D	
Common Stock (2)	02/01/2008	S	600	D	\$ 42.71	95,019	D	
Common Stock (2)	02/01/2008	S	200	D	\$ 42.72	94,819	D	
Common Stock (2)	02/01/2008	S	4,000	D	\$ 43.44	90,819	D	
Common Stock (2)	02/01/2008	S	4,000	D	\$ 43.78	86,819	D	
Common Stock (2)	02/01/2008	S	1,200	D	\$ 43.84	85,619	D	
Common Stock (2)	02/01/2008	S	800	D	\$ 43.86	84,819	D	
Common Stock (2)	02/01/2008	S	500	D	\$ 43.87	84,319	D	
Common Stock (2)	02/01/2008	S	200	D	\$ 43.88	84,119	D	
Common Stock (2)	02/01/2008	S	100	D	\$ 43.89	84,019	D	
Common Stock (2)	02/01/2008	S	4,600	D	\$ 43.9	79,419	D	
Common Stock (2)	02/01/2008	S	100	D	\$ 43.91	79,319	D	
Common Stock (2)	02/01/2008	S	5,000	D	\$ 40.69	74,319	D	
Common Stock						3,392	I	By 401(k) Plan

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

Persons who respond to the collection of information contained in this form are not (9-02)

Edgar Filing: EAVES JOHN W - Form 4

required to respond unless the form displays a currently valid OMB control number.

De Se (In

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

1. T	itle of	2.	3. Transaction Date	3A. Deemed	4.	5. N	Number of	6. Date Exerc	cisable and	7. Title and A	Amount of	8
Der	ivative	Conversion	(Month/Day/Year)	Execution Date, if	Transac	nsactiorDerivative		Expiration Date		Underlying Securities		Ι
Sec	urity	or Exercise		any	Code	Sec	urities	(Month/Day/	Year)	(Instr. 3 and	4)	Š
(Ins	tr. 3)	Price of		(Month/Day/Year)	(Instr. 8) Acc	quired (A)					(
		Derivative				or I	Disposed of					
		Security				(D)						
						(Ins	str. 3, 4,					
						and	5)					
											Amount	
								Date	Expiration		or	
								Exercisable	Date	Title	Number	
					Code \	V (A)	(D)	Exercisable	Date		of Shares	
					Code	v (A)	(D)				of Shares	
Res	stricted									~		
Sto	nck	(3)	01/31/2008		M		75,000	(4)	(5)	Common	75,000	
		(2)	01/31/2000		141		75,000		<u> </u>	Stock	13,000	
Un	1ts											

Reporting Owners

Reporting Owner Name / Address	Relationships						
rg	Director	10% Owner	Officer	Other			
EAVES JOHN W ONE CITYPLACE DRIVE ST. LOUIS, MO 63141	X		President & COO				

Signatures

/s/ Gregory A. Billhartz,
Attorney-in-Fact
02/04/2008

**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).
- The reporting person received 100,000 restricted stock units on December 18, 2002. The restricted stock units vested on January 31, 2008. Upon vesting of 100,000 restricted stock units on January 31, 2008, the reporting person received 75,000 shares of common stock and deferred receipt of 25,000 shares of common stock pursuant to the Arch Coal, Inc. Executive Deferred Compensation Plan.
- The sale of shares of common stock by the reporting person reported on this Form 4 was effected pursuant to a Rule 10b5-1 trading plan previously adopted by the reporting person.
- 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.
- (4) The reporting person received 100,000 restricted stock units on December 18, 2002. On January 31, 2008, 100,000 restricted stock units vested.
- (5) The restricted stock units do not expire.

Reporting Owners 3

Edgar Filing: EAVES JOHN W - Form 4

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.