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

ADCU COAL INC

Form 4 May 10, 2007							
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	OMB APPROVAL						
Washington, D.C. 20549 Nur	1B 3235-0287 mber:						
Check this box	bires: January 31,						
STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF Section 16. Form 4 or	imated average den hours per ponse 0.5						
Form 5 obligations may continue. See Instruction 1(b). 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)							
EAVES JOHN W Symbol Issuer	5. Relationship of Reporting Person(s) to Issuer						
ARCH COAL INC [ACI] (Check all ap	pplicable)						
(Last) (First) (Middle) 3. Date of Earliest Transaction							
ONE CITYPLACE DRIVE       (Month/Day/Year)       _X_ Director          05/09/2007      X_ Officer (give title           President &	10% Owner Other (specify pelow) & COO						
(Street)       4. If Amendment, Date Original       6. Individual or Joint/Gro         Filed(Month/Day/Year)       Applicable Line)         _X_Form filed by One Rep							
ST. LOUIS, MO 63141 Form filed by More that Person	an One Reporting						
(City) (State) (Zip) <b>Table I - Non-Derivative Securities Acquired, Disposed of, or Be</b>	eneficially Owned						
(Instr. 3)any (Month/Day/Year)Code(Instr. 3, 4 and 5)BeneficiallyForm (D) or(Instr. 3)Owned(D) or	rect (I) (Instr. 4)						
(A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price	1. 4)						
Common Stock 05/09/2007 S 17,000 D \$37.2 40,306 D							
Common Stock05/09/2007S2,987D\$37,319D							
Common 3,358 I Stock	By 401(k) Plan						

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

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#### number.

# 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)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		Date	7. Titl Amou Under Securi (Instr.	int of lying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

# **Reporting Owners**

<b>Reporting Owner Name / Address</b>	Relationships						
	Director	10% Owner	Officer	Other			
EAVES JOHN W ONE CITYPLACE DRIVE ST. LOUIS, MO 63141	Х		President & COO				
Signatures							
/s/ Gregory A. Billhartz, Attorney-in-Fact	05/10/2007						
**Signature of Reporting Person		Da	te				
Evaluation of Possonoos							

## **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).

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.