SEC Form 4

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FORM 4

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL OMB Number:

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1. Name and Add <u>EAVES JOF</u>	ress of Reporting F <mark>IN W</mark>	Person*	2. Issuer Name and Ticker or Trading Symbol ARCH COAL INC [ACI]		tionship of Reporting Pers all applicable) Director	on(s) to Issuer 10% Owner					
(Last) ONE CITYPL	(First) ACE DRIVE	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 02/23/2005	Х	Officer (give title below) Executive VP 8	Other (specify below) z COO					
(Street) ST. LOUIS MO 63141 (City) (State) (Zip)			4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicat Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person							
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned											

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transa Code (8)				5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code	v	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		(
Common Stock	02/23/2005		М		30,000	A	\$22.9	0	D	
Common Stock	02/23/2005		S		30,000	D	\$42.0017	1,603	Ι	By 401(k) plan

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. Transa Code (1 8)		of		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Employee Stock Optins	\$22.9	02/23/2005		М			30,000	01/01/2004	06/30/2006	Common Stock	30,000	\$22.9	23,100	D	

Explanation of Responses:

Remarks:

/s/ Janet L. Horgan, Attorney-

in-Fact

** Signature of Reporting Person Date

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

* 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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

02/25/2005