WOODRING KENNETH G

Form 4

October 25, 2004

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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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

1(b).

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person * WOODRING KENNETH G			2. Issuer Name and Ticker or Trading Symbol ARCH COAL INC [ACI]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check an applicable)			
			(Month/Day/Year)	Director 10% Owner			
ONE CITYPLACE DRIVE			10/21/2004	_X_ Officer (give title Other (specify below)			
	(Street)		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			
ST. LOUIS, MO 63141				Form filed by More than One Reporting Person			

(City)	(State)	(Zip) Tab	le I - Non-l	Derivative	Secur	ities Acqui	red, Disposed of,	or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code (Instr. 8)	(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 (1)	10/21/2004		Code V M	Amount 18,550	(D)	Price \$ 22.6	0	D	
Common Stock (1)	10/21/2004		S	16,400	D	\$ 34	0	D	
Common Stock (1)	10/21/2004		S	2,150	D	\$ 33.5	0	D	
Common Stock (1)	10/21/2004		M	9,300	A	\$ 21.95	0	D	
Common Stock (1)	10/21/2004		S	9,300	D	\$ 33.5	0	D	

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Common Stock (1)	10/21/2004	M	21,350	A	\$ 18.15	0	D	
Common Stock (1)	10/21/2004	S	16,400	D	\$ 33.25	0	D	
Common Stock (1)	10/21/2004	S	4,950	D	\$ 33.5	0	D	
Common Stock (1)	10/22/2004	M	13,600	A	\$ 22.875	0	D	
Common Stock (1)	10/22/2004	S	13,600	D	\$ 34.5	0	D	
Common Stock (1)	10/22/2004	M	2,800	A	\$ 22.6	11,107	D	
Common Stock (1)	10/22/2004	S	2,800	D	\$ 34.5	2,378	I	By 401(k) plan

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

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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)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. Number of onDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		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
Employee Stock Options	\$ 22.6	10/21/2004		M		18,550	04/25/2003	04/25/2012	Common Stock	18,550
Employee Stock Options	\$ 21.95	10/21/2004		M		9,300	02/22/2004	02/22/2011	Common Stock	9,300
Employee Stock Options	\$ 18.15	10/21/2004		M		21,350	02/29/2004	02/29/2012	Common Stock	21,350
Employee Stock	\$ 22.875	10/22/2004		M		13,600	07/22/2001	07/22/2008	Common Stock	13,600

Options

Employee

Stock \$ 22.6 10/22/2004 M 2,800 04/25/2004 04/25/2012 Common Stock 2,800

Options

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

WOODRING KENNETH G Exec.

ONE CITYPLACE DRIVE VP-Mining
ST. LOUIS, MO 63141 Operations

Signatures

/s/ Janet L. Horgan, 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).

(1) Cashless exercise of employee stock options pursuant to pre-existing 10b5-1 plan

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Reporting Owners 3