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UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

FORM 5

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursu	uant to	Section	16(a)	of the	Securit	ies Exch	ange	Act o	f 1934,
Section	17(a) o	f the F	Public	Utility	Holding	Company	Act	of 19	35 or
	Section	30(h)	of the	Investr	ment Com	any Act	of 1	940	

 $|_|$ Check box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

_ Form 3 Holdings Repo	rted								
_ Form 4 Transactions	Reported								
1. Name and Address of	Reporting Per	son*							
Woodring		Kenneth	G.						
(Last)		First)	(Middl	.e)					
CityPlace One, Suite 300									
	(S	Street)							
St. Louis		MO	6314	1					
(City)	(State)	(Zip)					
2. Issuer Name and Tick	er or Trading	Symbol							
Arch Coal, Inc. (ACI)									
3. I.R.S. Identification	n Number of R	Reporting Per	son, if an ent	ity (Voluntary)				
4. Statement for Month/	Year								
December 31, 2002									
5. If Amendment, Date o	f Original (M	lonth/Year)							
6. Relationship of Repo (Check all applicable	rting Person(e)	s) to Issuer							
Director		<u> _</u>	10% Owner						
X Officer (give t		_	Other (speci	fy below)					
Executive Vice Preside		Operations							
7. Individual or Joint/o (check applicable li									
X Form filed by O									
_ Form filed by M	ore than One	Reporting Per	rson 		_				
Table I Non		Securities Aco Cially Owned							
=======================================		======================================	========	========	==				
							5.	6.	
				4. Securities Ac	quired	(A) or	Amount of Securities	Owner- ship	
	2.	2A. Deemed	3. Transaction	Disposed of (D)	(,	Beneficially Owned	Form: Direct	7. Nature of
1.	Trans- action	Execution Date, if	Code (Instr. 8)		(A)		- at the End of Issuer's	(D) or Indirect	Indirect
Title of Security	Date	any	(111511. 8)	Amount	or	Drice	Fiscal Year	(I)	Ownership
(Instr. 3)	(mm/dd/yy) 	(mm/dd/yy)		Amount	(D)	Price	(Instr. 3 & 4)	(105tr.4) (INSER.4)
Common Ctasle	(4)		-	07	•	(4)	2.240	-	By 401(k)
Common Stock	(1)		I	27	Α	(1)	2,340	Ι :	Savings Plan

Common Stock	11,107	
(1) Acquired on various dates in 2002 pursuant to Arch Coal, Inc.'s 401(k) plan at prices from \$		

^{*} If the form is filed by more than one reporting person, see instruction $4(b)(\nu)\,.$

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. Trans- action Date (mm/dd/ yy)	3A. Deemed Execution Date if any (mm/dd/ yy)	Code (Instr. 8)	5. Number Deriva Securi Acquire or Disp of(D) (Instr 4 and 9	tive ties ed (A) posed . 3, 5)		ion Date Day/Year) Expira- tion	7. Title and of Underly Securities (Instr. 3	ying s	ative Secur- ity (Instr.	9. Number of Deriv- ative Secur- ities Bene- ficially Owned at End of Year (Instr. 4)	10. Owner- ship of Deriv- ative Secur- ity: Direct (D) or In- direct (I) (Instr. 4)	11. Nature of In- direct Bene- ficial Owner- ship (Instr. 4)
========	======	:======	:======	:======	:======	======	=======	=======	:======:	======	======	:======	======	:=====

Explanation of Responses:

By: /s/ Janet L. Horgan February 14, 2003

Janet L. Horgan, Attorney-in-fact Date

* Intentional misstatements or omissions of facts constitute Federal Criminal Violations.

See 18 U.S.C. 1001 and 15 U.S.C. $78 ff(a)\,.$

Note: File three copies of this Form, one of which must be manually signed. If space provided is insufficient, see Instruction 6 for procedure.