FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

l	OMB APPRO	VAL								
	OMB Number:	3235-0287								
l	Estimated average burden									
l	hours per response:	0.5								

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

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

Name and Address of Reporting Person* Slone Deck							2. Issuer Name and Ticker or Trading Symbol ARCH COAL INC [ARCH]									of Reportin licable) or r (give title	ng Person(s) to Is 10% C Other		
(Last) ONE CIT		3. Date of Earliest Transaction (Month/Day/Year) 11/23/2018									^ below			below)					
(Street) ST. LOUIS MO 63141 (City) (State) (Zip)					4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)									ndividual or Joint/Group Filing (Check Applicable e) X Form filed by One Reporting Person Form filed by More than One Reporting Person				
		Tab	le I - Noi	n-Deriv	ative	Sec	curiti	es Ac	quired	, Dis	posed	of, o	r Ben	eficia	lly Owne	d			
1. Title of Security (Instr. 3) 2. Tr. Date (Mor						ar) E	2A. Deemed Execution Date, if any (Month/Day/Year		Code (Instr.		4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 5)				Benefic	ies cially Following	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	Transa	ction(s) and 4)			(111511.4)	
Common	Stock		3/2018	2018		М		74		A	(1)	943		Г)				
Common	Stock	3/2018	2018		F		74		D	\$82.	12 869		D						
		Т	able II -	Deriva (e.g., p	tive S uts, o	Secu	rities s, war	Acqu rants	uired, I , optio	Dispo	osed of onverti	, or E	Benet secur	ficially ities)	Owned				
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemee Execution I if any (Month/Day	Date,	4. Transa Code (i 8)		ı of		6. Date E Expiratio (Month/D	n Date		7. Title and Amount of Securities Underlying Derivative Securit (Instr. 3 and 4)			8. Price of Derivative Security (Instr. 5)	9. Number derivative Securities Beneficiall Owned Following Reported Transactio (Instr. 4)	y Ow Fo Dir or (I)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)
					Code	v	(A)		Date Exercisal		xpiration ate	Title	0 N	Amount or Number of Shares					
Restricted Stock	(1)	11/23/2018			M			74	(2)		(2)	Class		74	\$0.00	6,599		D	

Explanation of Responses:

- 1. Each restricted stock unit converts into one share of Class A Common Stock of Arch Coal, Inc. (the "Company").
- 2. On November 23, 2016, the reporting person was granted 6,750 restricted stock units, vesting in three equal annual installments beginning on the first anniversary of the grant date. A portion of the restricted stock units vested on November 23, 2018 was converted into shares and withheld by the Company to satisfy the associated tax withholding obligations. The remaining portion of such vested restricted stock units will convert into shares on the third anniversary of the grant date.

Remarks:

/s/ Rosemary L. Klein, Attorney-in-Fact 11/26/2018

** 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.