FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

snington,	D.C. 20549		

OMB APPROVAL								
OMB Number:	3235-0287							
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0.5

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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

(Last) (First) (Middle) ONE CITYPLACE DRIVE SUITE 300 4. If Amendment, Date of Original Filed (Month/Day/Year) (Street) ST. LOUIS MO 63141 Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned (Month/Day/Year) 2. Transaction (Month/Day/Year) Date If any (Month/Day/Year) St. VP - Operations 6. Individual or Joint/Group Filing (Check Appling) X Form filed by One Reporting Person Form filed by More than One Report Person 7. Title of Security (Instr. 3) 2. Transaction Date If any (Month/Day/Year) St. VP - Operations 6. Individual or Joint/Group Filing (Check Appling) X Form filed by One Reporting Person Form filed by More than One Report Person 8. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) Securities Perically Owned (Instr. 4) Securities Acquired (B) or Disposed of (D) (Instr. 3, 4 and 4) Securities Securi	Name and Address of Reporting Person* Cochran Kenneth D.						2. Issuer Name and Ticker or Trading Symbol ARCH COAL INC [ARCH]									Check	all app	olicable)		Issuer Owner er (specify
City ST. LOUIS MO G3141 ST. LOUIS MO More than One Reported St. Louis Month/Day/Year ST. LOUIS MO More than One Reported St. Louis Month/Day/Year St. Louis Month/Day/Year St. Louis Month/Day/Year Month/Day/Year St. Louis Month/Day/Year Month/Day/Year Month/Day/Year Month/Day/Year St. Louis Month/Day/Year Month/Day/Year St. Louis Month/Day/Year Month/	ONE CITYPLACE DRIVE													X		w) ``	belo	below)		
1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day/Year) 3. Transaction Disposed Of (D) (Instr. 3, 4 and 5 Securities Beneficially Owned Form: Direct (D) or Indirect (D)	(Street)	IS M				4. If Amendment, Date of Original Filed (Month/Day/Year)								X Form filed by One Reporting Person Form filed by More than One Reporting						
Date (Month/Day/Year) Execution Date, if any (Month/Day/Year) Code (Instr. 8) Transaction Code (Instr. 8) Disposed Of (D) (Instr. 3, 4 and Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) Form: Direct (D) or Indirect (D) or In	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																			
Common Stock O3/03/2017 S O3/03/2017 S O3/03/2017 S O3/03/2017 Common Stock O3/03/2017 S O3/03/2017 S O3/03/2017 S O3/03/2017 S O3/03/2017 O3/03/2017 O3/03/2017 O3/03/2017 O4/05 O5/05/05/05/05/05/05/05/05/05/05/05/05/05	Date						Execution Date, ay/Year) if any		Transaction Disposed O Code (Instr. 5)					4 and Sed Bed Ow		ities icially d Following	Form: Direct (D) or Indirect	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
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) (I											v	Amount		(A) or (D)	Price		Transaction(s)			(mou. 4)
(e.g., puts, calls, warrants, options, convertible securities) 1. Title of Derivative Security (Instr. 3) 2.	Common Stock 03/03/						3/2017					663 ⁽¹⁾ D		\$71	'1.42 1,234		1,234	D		
Derivative Conversion Security or Exercise (Instr. 3) Price of Derivative Derivative Derivative Security Securities Acquired Security Securities Security Securities Security Securities Se																				
Security Security (Instr. 3 and 4) Security (Instr. 3 and 4) Security (Instr. 3 and 4) Reported Transaction(s) (Instr. 4) Amount or Number	Derivative Security	vative Conversion or Exercise (Month/Day/Year) Execution Date, if any (Month/Day/Year) Execution Date, if any (Month/Day/Year) 8)		Transa Code (ansaction of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4			Expiration Date			Amount of Securities Underlying Derivative Security (Instr. and 4)		ount	Derivativ Security (Instr. 5)		ve derivative y Securities) Beneficially Owned Following Reported Transaction	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)		

Explanation of Responses:

1. Represents shares sold to satisfy the tax withholding obligation arising from the settlement of performance units.

Remarks:

/s/ Rosemary L. Klein, Attorney-in-Fact 03/07/2017

** 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.