

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

OMB APPROVAL	
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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).

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

1. Name and Address of Reporting Person* <b>EAVES JOHN W</b>			2. Issuer Name and Ticker or Trading Symbol <b>ARCH COAL INC [ ARCH ]</b>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <b>CEO</b>		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) <b>10/05/2016</b>			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person		
<b>ONE CITYPLACE DRIVE</b>			4. If Amendment, Date of Original Filed (Month/Day/Year)					
(Street)	<b>ST. LOUIS</b>	<b>MO</b>	<b>63141</b>					
(City)	(State)	(Zip)						

**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. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			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)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	10/05/2016		J		18,945 <sup>(1)</sup>	D	\$0.00	0	D	

**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. Transaction Code (Instr. 8)		5. Number of Derivative 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 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 Options	\$0.00 <sup>(2)</sup>	10/05/2016		D		105,550 <sup>(2)</sup>		(2)	(2)	Common Stock	105,550	\$0.00	0	D	
Performance Stock Awards	\$0.00 <sup>(3)</sup>	10/05/2016		D		58,270 <sup>(3)</sup>		(3)	(3)	Common Stock	58,270	\$0.00	0	D	
Restricted Stock Units	\$0.00 <sup>(4)</sup>	10/05/2016		D		58,270 <sup>(4)</sup>		(4)	(4)	Common Stock	58,270	\$0.00	0	D	

**Explanation of Responses:**

- Represents shares cancelled for no value on October 5, 2016, the Effective Date of Arch Coal, Inc.'s Fourth Amended Joint Plan of Reorganization and the date on which Arch Coal, Inc. emerged from Chapter 11.
- Represents vested employee stock options cancelled for no value on October 5, 2016, the Effective Date of Arch Coal, Inc.'s Fourth Amended Joint Plan of Reorganization and the date on which Arch Coal, Inc. emerged from Chapter 11.
- Represents Performance Stock Awards cancelled for no value on October 5, 2016, the Effective Date of Arch Coal, Inc.'s Fourth Amended Joint Plan of Reorganization and the date on which Arch Coal, Inc. emerged from Chapter 11.
- Represents Restricted Stock Units cancelled for no value on October 5, 2016, the Effective Date of Arch Coal, Inc.'s Fourth Amended Joint Plan of Reorganization and the date on which Arch Coal, Inc. emerged from Chapter 11.

**Remarks:**

/s/ Rosemary L. Klein, Attorney-in-Fact 10/07/2016

\*\* 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.

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