

Slone Deck
Form 4
November 27, 2017

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

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).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person *
Slone Deck

2. Issuer Name and Ticker or Trading Symbol
ARCH COAL INC [ARCH]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

ONE CITYPLACE DRIVE, SUITE 300

3. Date of Earliest Transaction (Month/Day/Year)
11/23/2017

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)

Sr. VP - Strategy & Public Pol

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

ST. LOUIS, MO 63141

(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 Ownership (Instr. 4)
			Code	V Amount (A) or (D) Price			
Common Stock	11/23/2017		M	77 A 11	946	D	
Common Stock	11/23/2017		F	77 (2) D \$ 80.67	869	D	

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. 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 Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)
Restricted Stock Units	<u>(1)</u>	11/23/2017		M	77	<u>(2)</u> <u>(2)</u>	Class A Common Stock	77 \$ 0

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

Slone Deck
ONE CITYPLACE DRIVE, SUITE 300
ST. LOUIS, MO 63141

Sr. VP - Strategy & Public Pol

Signatures

By: /s/ Rosemary L. Klein,
Attorney-in-Fact

11/27/2017

 **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) Each restricted stock unit converts into one share of Class A Common Stock of Arch Coal, Inc. (the "Company").

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 that vested on November 23, 2017 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.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.