Lang Paul A Form 4 March 01, 2013

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

January 31, Expires: 2005

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response... 0.5

Form 4 or Form 5 obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Lang Paul A

Symbol ARCH COAL INC [ACI]

(Check all applicable)

(Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year)

Director 10% Owner

ONE CITY PLACE DRIVE, SUITE

02/28/2013

X_ Officer (give title Other (specify

below) Executive VP & COO

300

(Street)

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year)

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

(T)

(Instr. 4)

Person

below)

ST. LOUIS, MO 63141

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

Owned

1. Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

3. 4. Securities TransactionAcquired (A) or Code

5. Amount of Securities Beneficially

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial

Ownership

(Instr. 4)

(Month/Day/Year)

Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

Following Reported

Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

(A)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security

Conversion or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if any

4. 5. Number of **Transaction**Derivative Code Securities

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount of **Underlying Securities** (Instr. 3 and 4)

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr. 8)	Acquired (Disposed of (Instr. 3, 4, 5)	f(D)				
				Code V	7 (A)	(D)	Date Exercisable	Expiration Date	Title	Amount Number Shares
Employee Stock Options	\$ 5.23	02/28/2013		A	234,500		<u>(1)</u>	02/28/2023	Common Stock	234,50
Restricted Stock Units	\$ 5.23	02/28/2013		A	113,400		(2)	<u>(3)</u>	Common Stock	113,40

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Lang Paul A

ONE CITY PLACE DRIVE SUITE 300

ST. LOUIS, MO 63141

Executive VP & COO

Signatures

/s/ Jon S. Ploetz, Attorney-in-Fact

03/01/2013

**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) The options vest ratably over 3 years as follows: 78,167 shares vest on February 28, 2014; 78,167 shares vest on February 28, 2015; and 78,166 shares vest on February 28, 2016.
- (2) The reporting person received 113,400 restricted stock units on February 28, 2013. The restricted stock units vest on February 28, 2016.
- (3) The restricted stock units do not expire.

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.

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