SEC Form 4

FORM 4

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

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

1. Name and Address of Reporting Person[*]	2. Issuer Name **and** Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
JONES ROBERT G	ARCH COAL INC [ACI]	

(Last)	(First)	(Middle)		Director
ONE CITYPLACE DRIVE			X	Officer (give title below)

3. Date of Earliest Transaction (Month/Day/Year)
12/30/2011

(Street)			
ST. LOUIS	MO	63141	
(City)	(State)	(Zip)	

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

5. Relationship of Reporting Person(s) to Issuer (Check all applicable)

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

Sr. VP-Law, Gen Counsel & Secy

6. Individual or Joint/Group Filing (Check Applicable Line)

X Form filed by One Reporting Person

   Form filed by More than One Reporting Person

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	12/30/2011		M[(1)]		33,400	A	$9.08	51,337	D	
Common Stock	12/30/2011		S[(1)]		33,400	D	$14.08	17,937	D	
Common Stock								4,731	I	by 401(k) plan

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 (right to buy)	$9.08	12/30/2011		M[(1)]			33,400	[(2)]	02/29/2012	Common Stock	33,400	$0.00	0	D	

Explanation of Responses:

1. The transactions reported were made pursuant to a Rule 10b5-1 trading plan adopted by the reporting person.

2. The reporting person received 58,400 stock options on February 28, 2002. The stock options vested as follows: 14,600 stock options vested on February 28, 2003; 14,600 stock options vested on February 29, 2004; 14,600 stock options vested on February 28, 2005; and 14,600 stock options vested on February 28, 2006.

Remarks:

/s/ Jon S. Ploetz, Attorney-in-Fact	01/03/2012
** 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.