FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL									
OMB Number:	3235-0287								
Estimated average burden									
hours por rosponso:	0.5								

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* POTTER ROBERT G						2. Issuer Name and Ticker or Trading Symbol ARCH COAL INC [ACI]									heck all	onship of Reporting I all applicable) Director		Person(s) to Issuer 10% Owner	
(Last) ONECIT	(Last) (First) (Middle) ONECITYPLACE DRIVE					3. Date of Earliest Transaction (Month/Day/Year) 08/19/2011										ficer (give title low)		Other (specify below)	
(Street) ST. LOU			53141 Zip)		4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)									ne) X F	vidual or Joint/Group Filing (Check Applicable 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. Trans Date (Month/				Day/Year) if		2A. Deemed Execution Date, if any (Month/Day/Year)		Transaction Disposed Code (Instr. 5)		ities Acquired (A) d Of (D) (Instr. 3, 4			d Sed Ber Ow	mount of urities leficially ned Following lorted	Fori	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
									Code	v	Amount	(A (C	() or ()	Price	Tra	nsaction(s) tr. 3 and 4)			(11341. 4)
Common Stock				08/19	08/19/2011				P		15,000	0 A		\$17	.4	36,000		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)	vative Conversion Date urity or Exercise (Month/Day/Year) Execution Date, if any			Date,	4. Transaction Code (Instr. 8)		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.: and 4)			8. Price of Derivative Security (Instr. 5)		,	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
					Code V		(A)	(D)	Date Exercisa		Expiration Date	Title	of Sha	res					

Explanation of Responses:

Remarks:

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

Fact

** Signature of Reporting Person

Date

08/19/2011

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.