FORM 4

obligations may continue. See Instruction 1(b).

Check this box if no longer subject to Section 16. Form 4 or Form 5

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

HIP

STATEMENT	OF	CHANGES	IN	BENEFICIAL	OWNERSH

OMB APPROVAL OMB Number: Estimated average burden hours per response: 0.5

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

Name and Address of Reporting Person* Wold Peter I				2. Issuer Name and Ticker or Trading Symbol ARCH COAL INC [ACI]									(Check all a		p of Reportir blicable) ctor	ng Persor	10% C			
(Last) (First) (Middle) ONE CITYPLACE DRIVE				3. Date of Earliest Transaction (Month/Day/Year) 12/26/2013											Office below	er (give title w)		Other (specify below)		
SUITE 300 (Street) ST. LOUIS MO 63141			4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)									Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person							
(City)	(St	ate) (Zip)													. 0.0				
	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																			
1. Title of Security (Instr. 3) 2. Transa Date (Month/E				Day/Year) if a		2A. Deemed Execution Date, if any (Month/Day/Year)				Disposed	ties Acquired (A) d Of (D) (Instr. 3, 4			and Sec Bei Ow		ount of ties cially I Following	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	•	Reported Transaction(s) (Instr. 3 and 4)				(111501.4)	
Common Stock			12/26	12/26/2013				S		11,92	7	D	\$4.47		0		D)		
	Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)																			
Derivative Conversion Oate Executive Security Or Exercise (Month/Day/Year)		3A. Deem Execution if any (Month/Da	Date, ay/Year)	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 Expiration Date Expiration Date Exercisable Date			7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4) Amoun or Numbe of Title Shares		ount nber		vative urity r. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)		

Explanation of Responses:

Remarks:

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

12/27/2013

Fact

** 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.