## Edgar Filing: Freudenthal David D. - Form 4

Freudenthal	David D.										
Form 4	2012										
January 03,											
FORM	<b>14</b> UNITED	STATES	SECU	RITIES A	AND EX	CHANGE	COMMISSIO				
<b>Washington, D.C. 20549</b>							Number:	3235-0	0287		
Check th				U	·			Expires:	Januar		
if no longer subject to STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF						י ז	Estimated average				
Section 16. SECURITIES							burden hou				
Form 4 o Form 5				1((-) - f 4		C E I		response		0.5	
obligatio	<b>N</b> 00						nge Act of 1934, of 1935 or Secti				
may con <i>See</i> Instr 1(b).	lunue.			•	•	ny Act of 1		on			
(Print or Type	Responses)										
1. Name and Address of Reporting Person <u>*</u> Freudenthal David D.			2. Issuer Name and Ticker or Trading			5. Relationship of Reporting Person(s) to Issuer					
			Symbol ARCH COAL INC [ACI]				(Check all applicable)				
(Last) (First) (Middle)			3. Date of Earliest Transaction								
			(Month/Day/Year)				X_ Director 10% Owner Officer (give title Other (specify				
ONE CITYPLACE DRIVE, SUITE 300			12/30/2011			below) below)					
(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 Porting Portion of More than One R			
ST. LOUIS	, MO 63141						Person	whole than one R	eporting		
(City)	(State)	(Zip)	Tab	ole I - Non-l	Derivative	Securities A	cquired, Disposed	of, or Beneficia	lly Owned	1	
1.Title of	2. Transaction Date	2A. Deeme	ed	3.	4. Securit		5. Amount of	6. Ownership	7. Nature	of	
Security (Instr. 3)	(Month/Day/Year)			TransactionAcquired (A) or Code Disposed of (D)				Form: Direct (D) or Indirect	Indirect Peneficial		
(IIISU. 5)		any (Month/Da	y/Year)	(Instr. 8)	(Instr. 3, 4		Beneficially Owned	(I) or maneet	Ownershi		
							Following	(Instr. 4)	(Instr. 4)		
						(A)	Reported Transaction(s)				
				Code V	Amount	or (D) Price	(Instr. 3 and 4)				
Reminder: Rep	port on a separate line	e for each cla	ass of sec	urities bene	ficially ow	ned directly	or indirectly.				
					inforn	nation cont	spond to the colle tained in this form	n are not	SEC 1474 (9-02)		
							ond unless the fo ntly valid OMB co				

 Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned

 (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5. Number	6. Date Exercisable and	7. Title and Amount of	8. Pric
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	onof Derivative	Expiration Date	Underlying Securities	Deriva
Security	or Exercise		any	Code	Securities	(Month/Day/Year)	(Instr. 3 and 4)	Securi

number.

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(Instr. 3)	Price of Derivative Security	(Month/Day/Year	) (Instr. 8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)					(Instr.
			Code V	(A) (D	) Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Phantom Stock	<u>(1)</u>	12/30/2011	А	1,034	(2)	(2)	Common Stock	1,034	\$ 14

## **Reporting Owners**

<b>Reporting Owner Name / Address</b>		Relationsh		
L O	Director	10% Owner	Officer	Other
Freudenthal David D. ONE CITYPLACE DRIVE SUITE 300 ST. LOUIS, MO 63141	Х			
Signatures				
/s/ Jon S. Ploetz, Attorney-in-Fact	C	01/03/2012		
<u>**</u> 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).

Each share of phantom stock represents a right to receive the value in cash of one share of Arch Coal, Inc. common stock. The shares of phantom stock are held by the director through the Arch Coal, Inc. Deferred Compensation Plan for Non-Employee Directors (the "Plan") (1)

- and represent past compensation that the director elected to defer under the Plan into a hypothetical investment in shares of Arch Coal, Inc. common stock and/or dividends attributable to such deferred amounts.
- (2) Shares of phantom stock are payable in cash following termination of the director's service as a director of Arch Coal, Inc. The director may transfer amounts held in the phantom stock account into an alternative investment account at any time.

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.