### Edgar Filing: PERRY A MICHAEL - Form 4

PERRY A MICH Form 4											
September 16, 20 FORM 4									PPROVA	۱L	
	UNITED	STATES		RITIES A shington			COMMISSIO	N OMB Number:	3235-	0287	
Check this box if no longer subject to Section 16. Form 4 or Form 5		IGES IN SECUE	RITIES	Estimated burden hou response	Expires:January 31 2005Estimated average burden hours per response0.5						
obligations may continue. <i>See</i> Instruction 1(b).	-	a) of the I	Public U	tility Hol	ding Co		nge Act of 1934, of 1935 or Secti 940				
(Print or Type Respon	nses)										
1. Name and Address of Reporting Person <u>*</u> PERRY A MICHAEL			Symbol	er Name <b>and</b>			5. Relationship of Reporting Person(s) to Issuer				
(Last) (	(Last) (First) (Middle)			ARCH COAL INC [ACI] 3. Date of Earliest Transaction			(Check all applicable)				
ONE CITYPLACE DRIVE			(Month/Day/Year) 09/15/2010				X_ Director 10% Owner Officer (give title Other (specify below) below)				
(Street)			4. If Amendment, Date Original Filed(Month/Day/Year)			<ul> <li>6. Individual or Joint/Group Filing(Check</li> <li>Applicable Line)</li> <li>_X_ Form filed by One Reporting Person</li> <li> Form filed by More than One Reporting</li> </ul>					
ST. LOUIS, MO	63141						Person	wore than one R	eporting		
(City) (	State)	(Zip)	Tab	le I - Non-I	Derivativ	e Securities A	cquired, Disposed	of, or Beneficia	lly Owned	d	
	nnsaction Date th/Day/Year)	2A. Deemo Execution any (Month/Da	Date, if	3. Transactio Code (Instr. 8) Code V	Disposed (Instr. 3,	d (A) or d of (D) 4 and 5) (A) or	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 Indirect Beneficia Ownershi (Instr. 4)	al ip	
Reminder: Report on	a separate line	for each cl	ass of sect	urities benet	Pers infor requ	ons who res mation cont ired to resp ays a curre	or indirectly. Spond to the colle cained in this form ond unless the fo ntly valid OMB co	n are not rm	SEC 1474 (9-02)		

# 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. Price
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	onof	Expiration Date	Underlying Securities	Derivativ
Security	or Exercise		any	Code	Derivative	(Month/Day/Year)	(Instr. 3 and 4)	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Securities			(Instr. 5)

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	Derivative Security				Acqui (A) or Dispo of (D) (Instr. and 5)	sed 3, 4,					
			Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Phantom Stock	<u>(1)</u>	09/15/2010	А		118		(2)	(2)	Common Stock	118	\$ 24.0

### **Reporting Owners**

<b>Reporting Owner Name / Address</b>		Relationsh		
	Director	10% Owner	Officer	Other
PERRY A MICHAEL ONE CITYPLACE DRIVE ST. LOUIS, MO 63141	Х			
Signatures				
/s/ Jon S. Ploetz, Attorney-in-Fact	(	9/16/2010		
**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

- (1) "Plan"). The shares of phantom stock acquired by the director represent dividends attributable to amounts that the director elected to defer under the Plan into a hypothetical investment in shares of Arch Coal, Inc. common stock.
- (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.