## FORM 4

# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington,	D.C.	20549

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

#### OF CHANGES IN BENEFICIAL OWNERSHIP

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

		Reporting Person*							cker or Trac		Symbol				tionship all appl		g Per	son(s) to Iss	suer
PERKI	A MICE	1AEL								,				X	Direct	or		10% O	wner
(Last)	(Fi ΓΥΡLACE	,	(Middle)			3. Date of Earliest Transaction (Month/Day/Year) 06/30/2006									Office below	r (give title )		Other (s below)	specify
(Street)	IS M	0	63141		4. If Amendment, Date of				e of Original Filed (Month/Day/Year)							·	(Check Applicable		
(City)			(Zip)		,	Form filed by More than One Reporting Person									orting				
	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																		
Date					Execu Day/Year) if any			A. Deemed xecution Date, any Month/Day/Year)		nsaction de (Instr. 4. Securities Disposed Of 5)		ities Acquired (A) or d Of (D) (Instr. 3, 4 a			5. Amor Securiti Benefic Owned Reporte	ies For cially (D) Following (I) (		n: Direct or Indirect nstr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
							Code	v	Amount	t (A) or (D)		e	Transac (Instr. 3	ction(s)			(		
	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  Security  3. Transaction Date (Month/Day/Year)  (Month/Day/Year)  (Month/Day/Year)				Date,	4. Transa Code (l 8)		of E		6. Date Exercisable and Expiration Date (Month/Day/Year)			7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		De Se (In:	Price of rivative curity str. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	y	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)
				,	Code	v	(A)	(D)	Date Exercisabl		opiration	Title	Amoun or Numbe of Shares	r					
Phantom Stock	(1)	06/30/2006	07/06/20	006	A		236		(2)		(2)	Common Stock	236	\$	42.37	20,663 <sup>(3</sup>	)	D	

## **Explanation of Responses:**

- 1. 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") 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 certain portions of the phantom stock account into an alternative investment account at any time.
- 3. The director's phantom stock account has been adjusted for the two-for-one stock dividend in the form of a 100% stock dividend, payable by Arch Coal, Inc. on May 15, 2006 to all holders of record of common stock on May 5, 2006.

### Remarks:

/s/ Gregory A. Billhartz, Attorney-in-Fact

07/07/2006

\*\* 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.