SEC Form 3

FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL

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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 Add Lang Paul	2. Date of Event Requiring Stater Month/Day/Yea 2/07/2006	nent	3. Issuer Name <b>and</b> Ticker or Trading Symbol <u>ARCH COAL INC</u> [ ACI ]									
(Last) (First) (Middle) ONE CITY PLACE DRIVE		(Middle)			4. Relationship of Reporting Perso (Check all applicable) Director		10% Owner		5. If Amendment, Date of Original Filed (Month/Day/Year)			
SUITE 300					X	Officer (give title below)	Other (specify below)		6. Individual or Joint/Group Filing (Check Applicable Line)			
(Street) ST. LOUIS MO 63141						Senior VP - Oper	ations			X Form filed by One Reporting Person Form filed by More than One Reporting Person		
(City)	(State)	(Zip)										
Table I - Non-Derivative Securities Beneficially Owned												
1. Title of Security (Instr. 4)					2. Amount of Securities Beneficially Owned (Instr. 4)		3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)		4. Nature of Indirect Beneficial Ownership (Instr. 5)			
Common Stock						20,000	D					
Table II - Derivative Securities Beneficially Owned           (e.g., puts, calls, warrants, options, convertible securities)												
1. Title of Derivative Security (Instr. 4)			2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securit Underlying Derivative Security			4. Conve or Exe Price o	rcise	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)	
		Date Exercisable	Expiration ble Date					tive				
Restricted Stock Units		(1)	(2)		Common Stock	2,500	(3	)	D			
Employee Stock Options (Right to Buy)		04/25/2006	04/25/2012	2	Common Stock	6,000	11	.3	D			

Explanation of Responses:

1. The restricted stock units were granted on February 23, 2006 and vest ratably over a three-year period.

2. The restricted stock units do not expire.

3. Each restricted stock unit represents a right to receive one share of common stock unless otherwise deferred, at the reporting person's election, pursuant to the Arch Coal, Inc. Executive Deferred Compensation Plan.

Remarks:

## /s/ Gregory A. Billhartz,

<u>Attorney-in-Fact</u>

<u>12/12/2006</u>

\*\* 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 5 (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.

## POWER OF ATTORNEY

The undersigned, appoints the following individuals, with full power to each of them to act alone, as his true and lawful attorneys-in-fact and agents to execute and file on behalf of the undersigned all Forms 3, 4 and 5, and any amendments thereto, that the undersigned may be required to file with the Securities and Exchange Commission, and any stock exchange or similar authority, as a result of the undersigned's ownership of or transactions in securities of Arch Coal, Inc. The authority of the following individuals under this Power of Attorney shall continue until the undersigned is no longer required to file Forms 3, 4 and 5 with regard to the undersigned's ownership of or transactions in securities of Arch Coal, Inc., unless earlier revoked in writing. The undersigned acknowledges that the following individuals are not assuming any of the undersigned's responsibilities to comply with Section 16 of the Securities Exchange Act of 1934.

The following Officers of Arch Coal, Inc.:

Secretary of the Corporation

Assistant Secretary of the Corporation

General Counsel of the Corporation

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 7th day of December, 2006.

/s/ Paul A. Lang Paul A. Lang