## Edgar Filing: LEER STEVEN F - Form 4

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Form 4				
June 23, 2006				
FORM 4 UNITED STATES SECURITIES AND EXCHANCE COMMISSION	OMB AP	PROVAL		
Washington, D.C. 20549	OMB Number:	3235-0287		
Check this box if no longer CTLATIENTED CELCHANCES IN DENEED CLAT ON DEPOSITION OF	Expires:	January 31,		
subject to STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF E Section 16. SECURITIES b Form 4 or	Estimated a burden hour response	•		
Form 5 obligations may continue. See Instruction 1(b). Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940				
(Print or Type Responses)				
LEER STEVEN F Symbol Issuer	5. Relationship of Reporting Person(s) to Issuer			
ARCH COAL INC [ACI] (Check al	all applicable)	)		
(Last) (First) (Middle) 3. Date of Earliest Transaction				
ONECITYPLACE DRIVE     06/22/2006    XOfficer (give title below)	_X_ Director 10% Owner _X_ Officer (give title Other (specify below) below) Chairman and CEO			
(Street)       4. If Amendment, Date Original       6. Individual or Joint/         Filed(Month/Day/Year)       Applicable Line)         _X_Form filed by One				
ST. LOUIS, MO 63141 Form filed by More Person				
(City) (State) (Zip) <b>Table I - Non-Derivative Securities Acquired, Disposed of, or</b>	or Beneficiall	y Owned		
Security       (Month/Day/Year)       Execution Date, if       Transactionor Disposed of (D)       Securities       O         (Instr. 3)       any       Code       (Instr. 3, 4 and 5)       Beneficially       F         (Month/Day/Year)       (Instr. 8)       Owned       E         (A)       Transaction(s)       Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
Code V Amount (D) Price (Instr. 3 and 4)				
Common Stock (1)         06/22/2006         M         90,000         A         \$ 11.45         92,020         I	D			
Common Stock $(1)$ 06/22/2006S90,000D\$ 38.2792,020I I	D			
Common 48,925 I Stock	I	By 401(k) plan		

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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#### number.

# 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	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transacti Code (Instr. 8)	5. Number of tiorDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		orDerivative Expiration I Securities (Month/Day Acquired (A) or Disposed of (D) (Instr. 3, 4,		6. Date Exercis Expiration Dat (Month/Day/Y	e	7. Title and A Underlying S (Instr. 3 and	Securities
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		
Employee Stock Options (right to buy)	\$ 11.45	06/22/2006		М		90,000	01/01/2004	06/30/2006	Common Stock	90,000		

# **Reporting Owners**

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
LEER STEVEN F ONECITYPLACE DRIVE ST. LOUIS, MO 63141	Х		Chairman and CEO			
Signatures						
/s/ Gregory A. Billhartz, Attorney-in-Fact		06/23	/2006			
**Signature of Reporting Person		Da	te			

# **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).

(1) The exercise of employee stock options and sale of underlying shares of common stock by the executive officer reported on this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the executive officer on May 19, 2006.

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.