### Edgar Filing: ARCH COAL INC - Form 4

Check this box if no longer STATEMENT	ES SECURITIES AND EXCHAN Washington, D.C. 20549 OF CHANGES IN BENEFICIAL	Number: 3235-0287 Number: January 31, Expires: 2005						
Statement of orget       Statement of CHANGES IN BENEFICIAL OWNERSHIP OF       Statement of Comparison of Changes In Beneficial Ownership of Section 16.         South of the Securities Section 16.       Section 16.       Section 16.         Form 4 or       Form 5       Section 16(a) of the Securities Exchange Act of 1934,         Section 17(a) of the Public Utility Holding Company Act of 1935 or Section       Section 17(a) of the Investment Company Act of 1940         1(b).       30(h) of the Investment Company Act of 1940       Section 1940								
<ul><li>(Print or Type Responses)</li><li>1. Name and Address of Reporting Person 1</li></ul>	2. Issuer Name <b>and</b> Ticker or Trading	5. Relationship of Reporting Person(s) to						
LORSON JOHN W	Symbol ARCH COAL INC [ACI]	(Check all applicable)						
(Last) (First) (Middle)	3. Date of Earliest Transaction							
ONE CITYPLACE DRIVE	(Month/Day/Year) 06/16/2005	Director 10% Owner X Officer (give title Other (specify below) Controller						
(Street)	4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person						
ST. LOUIS, MO 63141		Form filed by More than One Reporting Person						
(City) (State) (Zip)	Table I - Non-Derivative Securitie	es Acquired, Disposed of, or Beneficially Owned						
(Instr. 3) any	tion Date, if Transaction(A) or Disposed of Code (Instr. 3, 4 and 5) h/Day/Year) (Instr. 8) (A) or							
Common 06/16/2005 Stock	M 2000 A <sup>\$</sup>	7.875 <sup>0</sup> D						
Common 06/16/2005 Stock	S 2,000 D \$	55 209 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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# 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 on f Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)199	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Options	\$ 27.875	06/16/2005		М	2,000	<u>(1)</u>	07/23/2007	Common Stock	2,000

## **Reporting Owners**

Reporting Owner Name / Address	Relationships				
	Director	10% Owner	Officer	Other	
LORSON JOHN W ONE CITYPLACE DRIVE ST. LOUIS, MO 63141			Controller		
Signatures					
/s/ Janet L. Horgan, Attorney-in-Fact	06/20/2005				
**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).

(1) These options vested as follows: 667 shares vested on July 23, 1998; 667 shares vested on July 23, 1999; and 666 shares vested on July 23, 2000.

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.