

-----  
 OMB APPROVAL  
 -----

OMB Number: 3235-0287  
 Expires: January 31, 2005  
 Estimated average burden  
 hours per response.....0.5  
 -----

UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, DC 20549

FORM 4

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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

(Print of Type Responses)

1. Name and Address of Reporting Person\*

Eaves John W.  
 -----  
 (Last) (First) (Middle)  
 -----  
 One CityPlace Drive, Suite 300  
 -----  
 (Street)  
 St. Louis MO 63141  
 -----  
 (City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol

Arch Coal, Inc. - ACI

3. I.R.S. Identification Number of Reporting Person, if an entity (voluntary)

4. Statement for Month/Day/Year

December 18, 2002

5. If Amendment, Date of Original (Month/Day/Year)

6. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
 Executive Vice President and Chief Operating Officer

7. Individual or Joint/Group Filing (Check Applicable line)

Form Filed by One Reporting Person  
 Form Filed by More than One Reporting Person

=====

Table I -- Non-Derivative Securities Acquired, Disposed of,  
 or Beneficially Owned

=====

1. Title of Security (Instr. 3)	2. Trans- action Date (mm/dd/yy)	2A. Deemed Execution Date, if any (mm/dd/yy)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 & Instr.4)	6. Owner- ship Form: Direct (D) or Indirect (I) (Instr.4)	7. Nature of Beneficial Ownership (Instr.4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	12/18/2002		A	(1)	50,000		A	50,000	D	
Common Stock								1,471	I	By 401(k) plan

-----  
-----  
-----  
-----  
-----  
-----  
-----  
-----  
-----  
-----  
=====

(1) Grant of Restricted Stock pursuant to Arch Coal, Inc. 1997 Stock Incentive Plan.

