
OMB APPROVAL

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UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, DC 20549

FORM 3

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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 of Type Responses)

1. Name and Address of Reporting Person*

Lockhart Thomas A.

(Last) (First) (Middle)

One CityPlace Drive, Suite 300

(Street)
St. Louis MO 63141

(City) (State) (Zip)

2. Date of Event Requiring Statement (Month/Day/Year)

February 21, 2003

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

4. Issuer Name and Ticker or Trading Symbol

Arch Coal, Inc. (ACI)

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

Director 10% Owner
 Officer (give title below) Other (specify below)

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

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

Form filed by One Reporting Person
 Form filed by More than One Reporting Person

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Table I -- Non-Derivative Securities Beneficially Owned
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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)
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Common Stock	100	D(1)	
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(1) Owns jointly with spouse.

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 Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Securities: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date				

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

Explanation of Responses:

By: /s/Janet L. Horgan February 24, 2003

 Janet L. Horgan, Attorney-in-fact Date

* 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.