

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

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(f) 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).

OMB APPROVAL

OMB Number: 3235-0287
Expires: December 31, 2001
Estimated average burden hours per response..... 0.5

(Print or Type Response)

1. Name and Address of Reporting Person*

Sands Theodore D.

(Last) (First) (Middle)
City Place One, Suite 300

(Street)
St. Louis MO 63141

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol

Arch Coal, Inc. (ACI)

3. IRS or Social Security Number of Reporting Person (Voluntary)

4. Statement for Month/Year

May 2000

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

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

/ X / Director
/ / 10% Owner
/ / Officer (Give Title) -----
/ / Other (Specify) -----

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

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

1. Title of Security (Instr. 3)	2. Trans- action Date	3. Trans- action Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Benefici- ally Owned at End of Month (Instr. 3 and 4)	6. Ownership Form: Direct (D) or In- direct (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
	(Month/ Day/ Year)	Code V	Amount (A) or (D) Price					
Common Stock	5/2/2000	P	8,000	A	\$5.5625			
Common Stock	5/2/2000	P	2,000	A	\$5.3125	25,000	I	By Limited Liability Company

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 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 person, see Instruction 4(b)(v).
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