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\* If the form is filed by more than one Reporting Person, see Instruction 4(b)(v).

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

(Print or Type Responses)

(Over)

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. Conver- sion or Exer- cise Price of Deriv- ative Secur- ity	3. Trans- action Date (Month/ Day/ Year)	4. Trans- action Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) ----- (A) (D)	6. Date Exercisable and Expiration Date (Month/Day/Year) ----- Date		7. Title and Amount of Underlying Securities (Instr. 3 and 4) ----- Amount or Number of Shares	8. Price of Deriv- ative Secur- ity (Instr. 5)	9. Number of Deriv- ative Secur- ities Bene- ficially Owned at End Year (Instr. 4)	10. Owner- ship of Deriv- ative Secur- ity: Direct (D) or In- direct (I) (Instr. 4)	11. Nature of In- direct Bene- ficial Owner- ship (Instr. 4)
Phantom Stock	1-for-1	(1)	A	3,449	(2)	(2)	Common Stock 3,449	8,120	I	By Plan	

(1) Acquired on various dates in 2001 pursuant to Arch Coal, Inc.'s Director Compensation Plan.  
(2) Payable in cash upon termination of the Reporting Person's service on Arch Coal Inc.'s Board.

Explanation of Responses:

/s/ Janet L. Horgan  
By: Janet L. Horgan, as Attorney-in-Fact  
\*\*Signature of Reporting Person

February 14, 2002  
Date

\*\* 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 provided is insufficient, see Instruction 6 for procedure.