

FIEHLER SHARON D
 Form 4
 July 23, 2010

FORM 4

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

OMB APPROVAL

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

STATEMENT OF CHANGES IN 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 or Type Responses)

1. Name and Address of Reporting Person *
FIEHLER SHARON D

2. Issuer Name and Ticker or Trading Symbol
PEABODY ENERGY CORP [BTU]

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

(Last) (First) (Middle)
701 MARKET STREET
 (Street)

3. Date of Earliest Transaction
 (Month/Day/Year)
07/22/2010

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
EVP - Chief Admin. Officer

ST. LOUIS, MO 63101
 (City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. 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. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	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 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount or Price		
Common Stock	07/22/2010		M ⁽¹⁾		90,595 A \$ 3.3001	D	
Common Stock	07/22/2010		S ⁽¹⁾		45,000 D \$ 43.72 ⁽²⁾	D	
Common Stock	07/22/2010		S ⁽¹⁾		45,595 D \$ 45 ⁽³⁾ 0	D	
Common Stock					67,134	I	By Family LLC

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

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(9-02)

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. Transaction Code (Instr. 8)	5. Number of 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)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option (right to buy)	\$ 3.3001	07/22/2010		M ⁽¹⁾	90,595	07/01/2010	01/01/2011	Common Stock	90,595

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
FIEHLER SHARON D 701 MARKET STREET ST. LOUIS, MO 63101			EVP - Chief Admin. Officer	

Signatures

Sharon D. Fiehler By: Kenneth L. Wagner
Attorney-in-Fact
Date: 07/23/2010

**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) This exercise/sale was effected pursuant to a pre-existing Rule 10b5-1 trading plan adopted by the reporting person.

This represents the weighted average sale price for the shares. The shares were sold in multiple transactions at prices ranging from \$43.42

(2) to \$43.97 per share, inclusive. The reporting person will provide upon request by the SEC staff, the issuer or a security holder of the issuer, full information regarding the number of shares sold at each separate price.

This represents the weighted average sale price for the shares. The shares were sold in multiple transactions at prices ranging from \$45.00

(3) to \$45.04 per share, inclusive. The reporting person will provide upon request by the SEC staff, the issuer or a security holder of the issuer, full information regarding the number of shares sold at each separate price.

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(4) Not applicable.

(5) Does not include employee stock options with different expiration dates and exercise prices.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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