PEABODY ENERGY CORP

Form 4

December 21, 2004

FORM 4

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

OMB Number:

Expires:

3235-0287

if no longer subject to

Check this box

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

January 31, 2005

0.5

subject to Section 16. Form 4 or Form 5 obligations

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

Estimated average burden hours per response...

OMB APPROVAL

may continue. *See* Instruction

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and A PALMER F	;	2. Issuer Name and Ticker or Trading Symbol PEARODY ENERGY CORD [PT1]					5. Relationship of Reporting Person(s) to Issuer					
		PEABODY ENERGY CORP [BTU]					(Check all applicable)					
(Last)	(First) (I			Earliest Tr	ansaction			D .	400			
PEABODY	(Month/Day/Year)					Director _X_ Officer (give		Owner er (specify				
MARKET S	1,701	12/20/2004					below) below)					
WIZ HTTELL I							EVP - Legal and Ext. Affairs					
(Street) 4.				ndment, Da		.1		6. Individual or Joint/Group Filing(Check				
				Filed(Month/Day/Year)					Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting			
ST LOUIS,	MO 63101							Person	1010 111111 0110 110	porumg		
(City)	(State)	(Zip)	Table	e I - Non-E	erivative	Secur	ities Acq	uired, Disposed of	f, or Beneficial	ly Owned		
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)		Date, if	3. Transactio Code (Instr. 8)	4. Securi on(A) or D (Instr. 3,	ispose	d of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)			
Common Stock	12/20/2004			Code V M	Amount 2,000	(D)	Price \$ 26.86	6,765 (1)	D			
Common Stock	12/20/2004			S(2)	2,000	D	\$ 81	4,765 <u>(1)</u>	D			

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

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SEC 1474

(9-02)

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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. 5. Number Transaction Derivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		we Expiration Da (Month/Day/Y	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)	\$ 26.86	12/20/2004		M	2,00	0 01/15/2003	01/14/2012	Common Stock	2,000	

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

PALMER FREDRICK D PEABODY ENERGY CORP 701 MARKET ST ST LOUIS, MO 63101

EVP - Legal and Ext. Affairs

Signatures

/s/ Jeffery L. Klinger, Attorney-in-fact for Fredrick D.

Palmer 12/21/2004

**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) Includes 1,742 shares acquired under the Company's Employee Stock Purchase Plan. Also includes 3,023 shares held indirectly by the plan trustee under the Company's 401(k) plan.
- (2) The sale reported in this Form 4 was effected pursuant to a pre-existing Rule 10b5-1 trading plan adopted by the reporting person.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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