

Wheat Jamie L
 Form 3
 March 25, 2010

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

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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 or Type Responses)

1. Name and Address of Reporting Person *		2. Date of Event Requiring Statement	3. Issuer Name and Ticker or Trading Symbol	
Wheat Jamie L		(Month/Day/Year)	BERRY PETROLEUM CO [BRY]	
(Last)	(First)	(Middle)	03/25/2010	
1999 BROADWAY, SUITE 3700			4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
(Street)			(Check all applicable)	
DENVER, CO 80202			<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner	6. Individual or Joint/Group Filing(Check Applicable Line)
(City)	(State)	(Zip)	<input type="checkbox"/> Officer <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Form filed by One Reporting Person
			(give title below) (specify below)	<input type="checkbox"/> Form filed by More than One Reporting Person
			Controller	

Table I - Non-Derivative Securities Beneficially Owned

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)
Class A Common Stock	263	D	
Class A Common Stock	50	I	Held in 401(k) Account

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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	5. Ownership Form of Derivative	6. Nature of Indirect Beneficial Ownership (Instr. 5)
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	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Derivative Security	Security: Direct (D) or Indirect (I) (Instr. 5)	
2009 Restricted Stock Units ⁽¹⁾	12/11/2010 ⁽²⁾	12/11/2019	Class A Common Stock	1,867	\$ 0	D	Â
2008 Restricted Stock Units ⁽³⁾	12/11/2009 ⁽⁴⁾	12/11/2018	Class A Common Stock	1,125	\$ 0	D	Â
RSU 8-25-08 ⁽⁵⁾	08/25/2011 ⁽⁶⁾	08/24/2018	Class A Common Stock	940	\$ 0	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Wheat Jamie L 1999 BROADWAY, SUITE 3700 DENVER, CO 80202	Â	Â	Â Controller	Â

Signatures

Kenneth A. Olson Under POA for Jamie L.
Wheat

03/25/2010

**Signature of Reporting Person Date

Explanation of Responses:

- * 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).
- (1) 1 for 1
- (2) Restricted Stock Units vest 25% per year from date of grant.
- (3) 1 for 1
- (4) Restricted Stock Units vest 25% per year from date of grant.
- (5) 1 for 1
- (6) Restricted Stock Units vest 100% three years from date of grant. Shares of Class A Common Stock will be delivered to the reporting person at the time of vesting.

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.