

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response:	0.5

1. Name and Address of Reporting Person* <u>GOEHRING RALPH J</u> (Last) (First) (Middle) <u>C/O BERRY PETROLEUM COMPANY 5201 TRUXTUN</u> (Street) <u>BAKERSFIELD CA 93309</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>BERRY PETROLEUM CO [BRY]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Executive VP and CFO</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>03/23/2007</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> 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	(A) or (D)	Price			
Class A Common Stock	03/23/2007		M ⁽⁷⁾		10,000	A	\$8.15	74,474	D	
Class A Common Stock	03/23/2007		M ⁽⁸⁾		29,000	A	\$8.25	103,474	D	
Class A Common Stock	03/23/2007		M ⁽⁹⁾		1,000	A	\$8.25	104,474	D	
Class A Common Stock	03/23/2007		A		26 ⁽¹⁰⁾	A	\$0	5,017	I	Held in 401(k) Plan
Class A Common Stock	03/23/2007		S		5,500	D	\$30.14	98,974	D	
Class A Common Stock	03/23/2007		S		700	D	\$30.15	98,274	D	
Class A Common Stock	03/23/2007		S		2,600	D	\$30.16	95,674	D	
Class A Common Stock	03/23/2007		S		3,600	D	\$30.17	92,074	D	
Class A Common Stock	03/23/2007		S		7,000	D	\$30.18	85,074	D	
Class A Common Stock	03/23/2007		S		4,600	D	\$30.19	80,474	D	
Class A Common Stock	03/23/2007		S		7,800	D	\$30.2	72,674	D	
Class A Common Stock	03/23/2007		S		1,200	D	\$30.21	71,474	D	
Class A Common Stock	03/23/2007		S		2,300	D	\$30.22	69,174	D	
Class A Common Stock	03/23/2007		S		2,400	D	\$30.23	66,774	D	
Class A Common Stock	03/23/2007		S		700	D	\$30.24	66,074	D	
Class A Common Stock	03/23/2007		S		600	D	\$30.25	65,474	D	

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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date					
Nonstatutory Stock Option	\$9.97							12/05/2004	12/05/2013	Class A Common Stock		60,000	D	
Nonstatutory Stock Option	\$21.58							11/23/2005	11/23/2014	Class A Common Stock		70,000	D	
Nonstatutory Stock Option	\$30.645							12/15/2006	12/15/2015	Class A Common Stock		40,000	D	

**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 Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Restricted Stock Units	\$0 ⁽¹⁾							(2)	(3)	Class A Common Stock	7,500		7,500	D	
Nonstatutory Stock Option	\$32.565							12/15/2007	12/14/2016	Class A Common Stock	40,000		40,000	D	
Restricted Stock Units	\$0 ⁽⁴⁾							(5)	(6)	Class A Common Stock	10,000		10,000	D	
Nonstatutory Stock Option	\$8.15	03/23/2007		M ⁽¹¹⁾		10,000		12/07/2002	12/07/2011	Class A Common Stock	10,000	\$0	0	D	
Nonstatutory Stock Option	\$8.25	03/23/2007		M ⁽¹²⁾		29,000		12/06/2003	12/06/2012	Class A Common Stock	29,000	\$0	1,000	D	
Nonstatutory Stock Option	\$8.25	03/23/2007		M ⁽¹³⁾		1,000		12/06/2003	12/06/2012	Class A Common Stock	1,000	\$0	0	D	

Explanation of Responses:

- Each RSU represents a contingent right to receive one share of Berry Petroleum Company Class A Common Stock
- The restricted stock units vests in four equal annual installments beginning December 15, 2006. Shares of Class A Common Stock will be delivered to the reporting person at the time of vesting.
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- Exercise of Stock Options under the Company's equity plans in a transaction exempt under Rule 16b.
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- Changes in the number of shares of Common Stock held in the individuals 401(k) account due to required maintenance of cash position. All transactions were at market and non-discretionary.
- Exercise of Stock Options under the Company's equity plans in a transaction exempt under Rule 16b.
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Kenneth A Olson under POA 03/27/2007
for Ralph Goehring

** Signature of Reporting Person Date

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 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).

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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