

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

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|---|--|--|
| 1. Name and Address of Reporting Person* <u>REHKOPF BRIAN L</u> (Last) (First) (Middle) <u>C/O BERRY PETROLEUM COMPANY</u> <u>5201 TRUXTUN AVE., SUITE 300</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>Vice President of Engineering</u> |
| | 3. Date of Earliest Transaction (Month/Day/Year) <u>03/22/2005</u> | |
| | 4. If Amendment, Date of Original Filed (Month/Day/Year) | |

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 | 03/22/2005 | | M ⁽¹⁾ | | 30,000 | A | \$15.5 | 54,987 | D | |
| Class A Common Stock | 03/22/2005 | | F ⁽¹⁾ | | 17,227 | D | \$56.03 | 37,760 | 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 | | | | | | Amount or Number of Shares |
| Nonstatutory Stock Option (Right to Buy) NSO | \$15.5 | 03/22/2005 | | M ⁽¹⁾ | | | 30,000 | 06/02/1998 | 06/02/2007 | Class A Common Stock | 30,000 | \$0 ⁽¹⁾ | 0 | D | |
| Nonstatutory Stock Option (Right to Buy) NSO | \$19.375 | | | | | | | 12/05/1998 | 12/05/2007 | Class A Common Stock | 10,000 | | 10,000 | D | |
| Nonstatutory Stock Option (Right to Buy) NSO | \$12.5 | | | | | | | 12/04/1999 | 12/04/2008 | Class A Common Stock | 10,000 | | 10,000 | D | |
| Nonstatutory Stock Option (Right to Buy) NSO | \$15.69 | | | | | | | 12/02/2001 | 12/02/2010 | Class A Common Stock | 20,000 | | 20,000 | D | |
| Nonstatutory Stock Option (Right to Buy) NSO | \$16.3 | | | | | | | 12/07/2002 | 12/07/2011 | Class A Common Stock | 20,000 | | 20,000 | D | |
| Nonstatutory Stock Option (Right to Buy) NSO | \$16.5 | | | | | | | 12/06/2003 | 12/06/2012 | Class A Common Stock | 7,500 | | 7,500 | D | |
| Nonstatutory Stock Option (Right to Buy) NSO | \$19.94 | | | | | | | 12/05/2004 | 12/05/2013 | Class A Common Stock | 20,000 | | 20,000 | D | |
| Nonstatutory Stock Option (Right to Buy) NSO | \$43.16 | | | | | | | 11/23/2005 | 11/23/2014 | Class A Common Stock | 20,000 | | 20,000 | D | |

Explanation of Responses:

1. Exercise of stock option under the Company's 1994 Stock Option Plan in a transaction exempt under Rule 16B.

Remarks:

Kenneth A. Olson under Power
of Attorney on file

03/23/2005

** 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.

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 Number.