

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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1. Name and Address of Reporting Person* HEINEMANN ROBERT			2. Issuer Name and Ticker or Trading Symbol BERRY PETROLEUM CO [BRY]			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) President and CEO		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 03/30/2007			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		
5201 TRUXTUN AVE., SUITE 300			4. If Amendment, Date of Original Filed (Month/Day/Year)					
(Street) BAKERSFIELD CA 93309								
(City) (State) (Zip)								

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 Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Class A Common Stock								5,069	D	
Class A Common Stock	03/30/2007		J		747	A	\$0	4,283	I	Held in 401(k) Plan

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
Nonstatutory Stock Options	\$8.07							12/02/2002	12/02/2012	Class A Common Stock	10,000	10,000	D		
Nonstatutory Stock Options	\$9.61							12/02/2003	12/02/2013	Class A Common Stock	10,000	10,000	D		
Nonstatutory Stock Option	\$14.375							06/16/2005	06/16/2014	Class A Common Stock	200,000	200,000	D		
Nonstatutory Stock Option	\$21.58							11/23/2005	11/23/2014	Class A Common Stock	130,000	130,000	D		
Nonstatutory Stock Option	\$30.645							12/15/2006	12/15/2015	Class A Common Stock	150,000	150,000	D		
Restricted Stock Units	\$0 ⁽¹⁾							(2)	(3)	Class A Common Stock	15,000	15,000	D		
Restricted Stock Unit	\$0 ⁽⁴⁾							(5)	(6)	Class A Common Stock	161,300	161,300	D		
Nonstatutory Stock Option	\$32.565							12/15/2007	12/14/2016	Class A Common Stock	175,000	175,000	D		
Restricted Stock Units	\$0 ⁽⁷⁾							(8)	(9)	Class A Common Stock	20,000	20,000	D		
Phantom Stock Units	\$0 ⁽¹⁰⁾	03/30/2007		A		7		08/08/1988	08/08/1988	Class A Common Stock	7	\$30.66	3,031	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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- Each RSU represents a contingent right to receive one share of Berry Petroleum Company Class A Common Stock
- The restricted stock units vest in one installment on January 31, 2010 provided the reporting person continues to serve as the CEO of the Company on such date, or earlier on certain conditions.

6. The restricted stock units vest in one installment on January 31, 2010 provided the reporting person continues to serve as the CEO of the Company on such date, or earlier on certain conditions.
7. Each RSU represents a contingent right to receive one share of Berry Petroleum Company Class A Common Stock
8. The restricted stock units vests in four equal annual installments beginning December 15, 2007. Shares of Class A Common Stock will be delivered to the reporting person at the time of vesting.
9. The restricted stock units vests in four equal annual installments beginning December 15, 2007. Shares of Class A Common Stock will be delivered to the reporting person at the time of vesting.
10. Phantom Stock Units acquired under the Company's Non-Employee Director Deferred Compensation Plan in a transaction exempt under Rule 16b-3(c). Shares of Common Stock are issued under terms of the Plan upon resignation from the board of directors.

Kenneth A Olson under POA
for Robert Heinemann

04/02/2007

** 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.