

OMB APPROVAL	
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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

1. Name and Address of Reporting Person* <u>Wilson Steven</u> (Last) (First) (Middle) 4900 CALIFORNIA AVENUE, SUITE 350-B (Street) BAKERSFIELD CA 93309 (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 Officer (give title below) <input checked="" type="checkbox"/> Other (specify below) Former Treasurer
	3. Date of Earliest Transaction (Month/Day/Year) 09/08/2009	
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							2,052	I	Held in the Participant's 401k Account	
Class A Common Stock	09/08/2009		M		5,000	A	\$21.58	11,042	D	
Class A Common Stock	09/08/2009		S		2,500	D	\$23.39	8,542	D	
Class A Common Stock	09/08/2009		S		2,500	D	\$23.5	6,042	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
Nonstatutory Stock Option 12-15-05	\$30.645						12/15/2006	02/10/2010	Class A Common Stock	3,000	3,000	D		
Nonstatutory Stock Option 12-15-06	\$32.565						12/15/2007	02/10/2010	Class A Common Stock	2,000	2,000	D		
NSO 10-16-03 \$9.315	\$9.315						10/16/2004	09/10/2009	Class A Common Stock	2,500	2,500	D		
2007 Restricted Stock Unit ⁽¹⁾	\$0 ⁽²⁾						01/01/2008 ⁽³⁾	01/08/2010 ⁽⁴⁾	Class A Common Stock	287	287	D		
NSO 2007	\$43.61						12/14/2008	02/10/2010	Class A Common Stock	860	860	D		
Nonstatutory Stock Option 11-23-04	\$21.58	09/08/2009		M		5,000	11/23/2005	09/10/2009	Class A Common Stock	5,000	\$0	0	D	

Explanation of Responses:

- 1 for 1
- Each RSU represents a contingent right to receive one share of Berry Petroleum Company Class A Common Stock
- The RSU granted vest 25% per year beginning one year after grant but the receipt of shares are subject to a deferral period which is generally at least four years from grant date as per the deferral election.
- The RSU is subject to a deferral election. Shares of Class A Common Stock will be delivered to the reporting person as per the terms of the deferral election.

Kenneth A. Olson under POA for Steve B. Wilson 09/08/2009

** 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.