Memorial Resource Development Corp.

Form 4

August 19, 2014

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

30(h) of the Investment Company Act of 1940

OMB

Expires:

3235-0287 Number: January 31,

OMB APPROVAL

2005 Estimated average

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0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5

obligations

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

may continue. See Instruction

1(b).

Common

Stock

08/18/2014

(Print or Type Responses)

1. Name and Address of Reporting Person * Innamorati Robert A			2. Issuer Name and Ticker or Trading Symbol Memorial Resource Development Corp. [MRD]			5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last) 1301 MCKI	(First) (NINNEY, SUITE 2	Middle)	3. Date of Earliest Transaction (Month/Day/Year) 08/18/2014 XDirector10%0fficer (give title below) below)				Owner er (specify		
(Street) HOUSTON, TX 77010			4. If Amendment, Date Original Filed(Month/Day/Year)			6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
(City)	(State)	(Zip)	Tabl	e I - Non-D	Perivative Securities Acq	quired, Disposed of	f, or Beneficial	ly Owned	
1.Title of Security (Instr. 3)	Security (Month/Day/Year) Executio (Instr. 3) any		med on Date, if Day/Year)	3. Transactio Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	

or

A

Price

25.12

(1)

V Amount (D)

8,127

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

P

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

(Instr. 3 and 4)

D

43,390

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transacti Code (Instr. 8)			ate	7. Title Amoun Under	int of lying ities	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene
	Derivative Security				Securities Acquired			(Instr.	3 and 4)		Owne Follo
					(A) or Disposed						Repo Trans
					of (D) (Instr. 3, 4, and 5)						(Instr
					4, and 3)				Amount		
						Date Exercisable	Expiration Date	Title	or Number of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships					
. 9	Director	10% Owner	Officer	Other		
Innamorati Robert A						
1301 MCKINNEY, SUITE 2100	X					
HOUSTON, TX 77010						

Signatures

/s/ Jason M. Childress,
Attorney-in-Fact
08/19/2014

**Signature of Reporting Person Date

Explanation of Responses:

- * 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).

This transaction was executed in multiple trades at prices ranging from \$24.75 to \$25.15. The price reported above reflects the weighted average sales price rounded to the nearest cent. The reporting person hereby undertakes to provide upon request to the SEC staff, the issuer or a security holder of the issuer full information regarding the number of shares of common stock and prices at which the transactions were effected.

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.

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