Memorial Resource Development Corp.

Form 3 June 20, 2014

FORM 3

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

OMB APPROVAL

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF 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 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting 2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol Person * Statement Memorial Resource Development Corp. [MRD] **WHR Incentive LLC** (Month/Day/Year) 06/18/2014 (Last) (First) (Middle) 4. Relationship of Reporting 5. If Amendment, Date Original Person(s) to Issuer Filed(Month/Day/Year) 9805 KATY FREEWAY, SUITE (Check all applicable) 400 (Street) 6. Individual or Joint/Group 10% Owner Director Officer _X_ Other Filing(Check Applicable Line) (give title below) (specify below) _X_ Form filed by One Reporting Member 13(d) group owning Person HOUSTON, TXÂ 77024 Form filed by More than One >10% Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Beneficially Owned 4. Nature of Indirect Beneficial 1. Title of Security 2. Amount of Securities Beneficially Owned Ownership Ownership (Instr. 4) (Instr. 5) (Instr. 4) Form: Direct (D) or Indirect (I) (Instr. 5) Â Common Stock 580,000 D Reminder: Report on a separate line for each class of securities beneficially SEC 1473 (7-02) owned directly or indirectly. 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 control number.

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

1. Title of Derivative Security	2. Date Exercisable and	3. Title and Amount of	4.	5.	6. Nature of Indirect
(Instr. 4)	Expiration Date	Securities Underlying	Conversion	Ownership	Beneficial Ownership
	(Month/Day/Year)	Derivative Security	or Exercise	Form of	(Instr. 5)
		(Instr. 4)	Price of	Derivative	
		Title	Derivative	Security:	
			Security	Direct (D)	

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Date Expiration Amount or or Indirect Exercisable Date Number of (I) Shares (Instr. 5)

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

WHR Incentive LLC

9805 KATY FREEWAY, SUITE 400 Š Member 13(d) group owning >10% HOUSTON, TXÂ 77024

Signatures

/s/ Anthony Bahr, co-Chief Executive
Officer
06/20/2014

**Signature of Reporting Person Date

Explanation of Responses:

* If the form is filed by more than one reporting person, see Instruction 5(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. 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.

Reporting Owners 2