Memorial Resource Development Corp.

Form 4 June 03, 2016

FORM 4

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

OMB APPROVAL

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

obligations may continue. See Instruction

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

1(b).

Form 5

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Weinzierl John A Issuer Symbol Memorial Resource Development (Check all applicable) Corp. [MRD] 3. Date of Earliest Transaction (Last) (First) (Middle) _X__ Director 10% Owner Other (specify X_ Officer (give title (Month/Day/Year) below) 500 DALLAS STREET, SUITE 06/01/2016 Former CEO and Director 1800 (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting HOUSTON, TX 77002 (City) (State) (Zip)

(City)	(State)	Table Table	e I - Non-L	Derivative S	Securi	ties Acqu	iired, Disposed of	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	on(A) or Dis	Securities Acquired (a) or Disposed of (D) (b) nstr. 3, 4 and 5) (A) (B) (B) (C) (C) (C) (C) (C) (C) (C) (C) (C) (C		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)
Common Stock	06/01/2016		Code V F	Amount 87,315 (1)	(D)	Price \$ 15.87	(Instr. 3 and 4) 233,508	D	
Common Stock							110,000	I (2)	By WCFB Interests, LP

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

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SEC 1474

(9-02)

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

1. Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if	4. Transacti	5. orNumber	6. Date Exerc Expiration D		7. Title Amount		8. Price of Derivative	9. Nu Deriv
Security (Instr. 3)	or Exercise Price of Derivative Security	(Month/Day/Tear)	any (Month/Day/Year)	Code (Instr. 8)	of	(Month/Day/		Underly Securiti (Instr. 3	ying ies	Security (Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title N	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships							
	Director	10% Owner	Officer	Other				
Weinzierl John A			Former					
500 DALLAS STREET, SUITE 1800	X		CEO and					
HOUSTON, TX 77002			Director					

Signatures

/s/ Kyle N. Roane, 06/03/2016 Attorney-in-Fact

**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).
- The reporting person delivered 87,315 shares of common stock to satisfy tax withholding liabilities incident to the vesting of restricted shares issued in accordance with Rule 16b-3.
- Mr. Weinzierl disclaims beneficial ownership of the reported securities in excess of his pecuniary interest in the securities. This report (2) shall not be deemed an admission that the reporting person is the beneficial owner of the reported securities for purposes of Section 16 or for any other purpose.

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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