

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* <u>Robinson Bradley M</u> (Last) (First) (Middle) 5400 LBJ FREEWAY, SUITE 1500 (Street) DALLAS TX 75240 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Matador Resources Co [MTDR]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>VP - Reservoir Engineering</u>
	3. Date of Earliest Transaction (Month/Day/Year) 05/17/2012	
	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			
Common Stock	05/17/2012		P		8,000	A	\$8.97 ⁽¹⁾	50,000	I	See footnote ⁽²⁾
Common Stock								174,000 ⁽³⁾⁽⁴⁾⁽⁵⁾	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	Expiration Date					

Explanation of Responses:

- The price reported is a weighted average price. These shares were purchased in multiple transactions at prices ranging from \$8.94 to \$9.01 per share, inclusive. The reporting person shall provide to the Securities and Exchange Commission, the Issuer, or any security holder of the Issuer, upon request, full information regarding the number of shares purchased at each separate price.
- Represents shares held of record by the reporting person's Individual Retirement Account.
- Includes 5,000 shares of restricted stock granted to the reporting person on April 16, 2012. Such shares of restricted stock will vest in two equal biennial installments beginning on the second anniversary of the date of grant, April 16, 2014.
- Includes 5,000 shares of restricted stock granted to the reporting person on April 16, 2012. Such shares of restricted stock will vest following April 15, 2015, in an amount to be determined based upon the achievement of certain performance conditions as specified in the reporting person's award agreement.
- Includes 5,000 restricted stock units granted to the reporting person on April 16, 2012. Such restricted stock units will vest, and an applicable number of shares of common stock will be deliverable to the reporting person, following April 15, 2015, in an amount to be determined based upon the achievement of certain performance conditions as specified in the reporting person's award agreement.

/s/ Bradley M. Robinson 05/17/2012

** 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.