

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>			2. Issuer Name and Ticker or Trading Symbol <u>Matador Resources Co [MTRD]</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>CTO, SVP-Reservoir Engineering</u>		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) <u>02/11/2018</u>			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person		
5400 LBJ FREEWAY SUITE 1500			4. If Amendment, Date of Original Filed (Month/Day/Year)					
(Street) <u>DALLAS TX 75240</u>								
(City) (State) (Zip)								

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	02/11/2018		M		5,000	A	\$9	226,978 ⁽¹⁾⁽²⁾	D	
Common Stock	02/11/2018		F		2,080 ⁽³⁾	D	\$28.25	224,898 ⁽¹⁾⁽²⁾	D	
Common Stock	02/11/2018		M		10,000	A	\$8.21	234,898 ⁽¹⁾⁽²⁾	D	
Common Stock	02/11/2018		F		5,368 ⁽⁴⁾	D	\$28.25	229,530 ⁽¹⁾⁽²⁾	D	
Common Stock	02/11/2018		M		5,327	A	\$19.71	234,857 ⁽¹⁾⁽²⁾	D	
Common Stock	02/11/2018		F		4,270 ⁽⁵⁾	D	\$28.25	230,587 ⁽¹⁾⁽²⁾	D	
Common Stock								50,000	I	Represents shares held of record by the reporting person's Individual Retirement Account.

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						Title
Employee Stock Option	\$9	02/11/2018		M			5,000	(6)	02/21/2020	Common Stock	5,000	\$0	0	D	
Employee Stock Option	\$8.21	02/11/2018		M			10,000	(7)	03/07/2018	Common Stock	10,000	\$0	0	D	
Employee Stock Option	\$19.71	02/11/2018		M			5,327	(8)	02/10/2019	Common Stock	5,327	\$0	0	D	

Explanation of Responses:

- Includes 18,342 shares of restricted stock granted to the reporting person on February 15, 2017 that vest in equal annual installments on the first, second and third anniversaries of the date of grant.
- Includes 16,287 shares of restricted stock granted to the reporting person on February 19, 2016 that vest on the third anniversary of the date of grant.
- Represents shares withheld by the Issuer in connection with the reporting person's net share settlement to satisfy the exercise price and tax liability upon the exercise of 5,000 employee stock options that were granted to the reporting person on February 22, 2010. No shares were sold by the reporting person to satisfy the exercise price or the tax liability.
- Represents shares withheld by the Issuer in connection with the reporting person's net share settlement to satisfy the exercise price and tax liability upon the exercise of 10,000 employee stock options that were granted to the reporting person on March 8, 2013. No shares were sold by the reporting person to satisfy the exercise price or the tax liability.
- Represents shares withheld by the Issuer in connection with the reporting person's net share settlement to satisfy the exercise price and tax liability upon the exercise of 5,327 employee stock options that were

granted to the reporting person on February 11, 2014. No shares were sold by the reporting person to satisfy the exercise price or the tax liability.

6. The employee stock options vested in four equal annual installments and were fully vested as of February 22, 2014.

7. The employee stock options vested in two equal biennial installments and were fully vested as of March 8, 2017.

8. The employee stock options vested in two equal biennial installments and were fully vested as of February 11, 2018.

Remarks:

/s/ Bradley M. Robinson, by
Kyle A. Ellis as attorney-in-fact 02/13/2018

** 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.