

OMB APPROVAL	
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

1. Name and Address of Reporting Person* <u>Appel Shelley F</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) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) 09/09/2024	
	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	09/09/2024		P		300	A	\$50.1 ⁽¹⁾	57,541	D	
Common Stock	09/10/2024		P		200	A	\$49.43 ⁽²⁾	57,741	D	
Common Stock								1,105,913 ⁽³⁾	I	See footnote ⁽⁴⁾
Common Stock								336,978 ⁽³⁾	I	See footnote ⁽⁵⁾
Common Stock								227,416 ⁽³⁾	I	See footnote ⁽⁶⁾
Common Stock								4,742	I	Represents shares held of record by the reporting person's Roth Individual Retirement Account.
Common Stock								2,150	I	Represents shares held of record by the reporting person's Roth 401(k) account
Common Stock								58 ⁽³⁾	I	See footnote ⁽⁷⁾

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 Derivative Security	3. Transaction Date (Month/Day/Year)	4. Deemed Execution Date, if any (e.g., puts, calls, warrants, options, convertible securities) (Month/Day/Year)	5. Number of 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 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)
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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. 3, 4 and 5)	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 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)
Explanation and Responses: 1. The price reported is a weighted average price. These shares were purchased in multiple transactions at prices ranging from \$50.00 to \$50.15 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. 2. The price reported is a weighted average price. These shares were purchased in multiple transactions at prices ranging from \$49.35 to \$49.50 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. 3. The reporting person states that neither the filing of this statement nor anything herein shall be deemed an admission that such person is, for purposes of Section 16 of the Securities Exchange Act of 1934, as amended, or otherwise, the beneficial owner of these shares. The reporting person disclaims beneficial ownership of these shares to the extent of her pecuniary interest therein. 4. Represents shares held of record by Sage Resources, Ltd., which is a limited partnership owned by the reporting person's family, including the reporting person. 5. Represents shares held of record by the SIF 2020 Non-GST Trust (the "2020 Non-GST Trust"). The reporting person is a beneficiary of the 2020 Non-GST Trust. 6. Represents shares held of record by the SIF 2011 Non-GST Trust (the "2011 Non-GST Trust"). The reporting person is a beneficiary of the 2011 Non-GST Trust. 7. Represents shares held of record by the reporting person's spouse.											

Remarks:

/s/ Shelley F. Appel, by Cale L. Curtin as attorney-in-fact 09/11/2024
 ** 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.