FORM 4

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

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

| (Print or Type R | esponses) | | | | | | | | | | | | | | | |
|--|---|---|--|--|-------------------------------------|--------------------------------------|--|---|----------------|------------------------|---|---|------------------|---|--|------------|
| 1. Name and Address of Reporting Person * Kennedy Michael N. | | | | 2. Issuer Name and Ticker or Trading Symbol ANTERO RESOURCES Corp [AR] | | | | | | 5. | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner | | | | | |
| (Last) (First) (Middle) 1615 WYNKOOP STREET | | | ` ′ | 3. Date of Earliest Transaction (Month/Day/Year) 04/20/2022 | | | | | | | X_Officer (give title below) Other (specify below) See Remarks | | | | | |
| (Street) | | | | 4. If Amendment, Date Original Filed(Month/Day/Year) | | | | | | | 6. Individual or Joint/Group Filing(Check Applicable Line) X_Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | | |
| DENVER, C | | (State) | (Zip) | | | | Table I - N | lon-D |) Perivativ | e Securitie | es Acquirec | d, Disposed o | of, or Benef | icially Owned | l | |
| (Instr. 3) Date | | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year | | | 3. Transaction Code (Instr. 8) | | | | ired 5. Ov | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) | | | 6. 7 Ownership o Form: B | 7. Nature of Indirect Beneficial Ownership | |
| | | | | (Month/Day/ | | i cai j | Code | V | Amou | nount (A) or (D) Price | | or Ind. (I) | | | or Indirect | |
| Common stor | ck, par val | ue \$0.01 per | 04/20/2022 | | | | M | | 162,9 | 80 A | <u>(1)</u> 1, | 210,227 (2) | 7 ⁽²⁾ | | D | |
| Common stor | ck, par val | ue \$0.01 per | 04/20/2022 | | | | F | | 71,67 (3) | | \$ 36.39 1, | 39 1,138,548 (2) | | | D | |
| Reminder: Repo | ort on a separa | ate line for each cl | lass of securities be | - Derivati | ve Se | ecurit | ies Acquire | Person in thin a cur | ons whis form | are not revalid OME | equired to B control r ficially Ow | respond u number. | | on contained form display | | 474 (9-02) |
| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | Conversion Date Exercise (Month/Day/Year) Entre of Derivative | | 4. | saction Described Section 1 (D) (In | | Number of rivative curities quired (A) Disposed of | and Expiration Date (Month/Day/Year) of Un Secur (Instr. | | | | 8. Price of Derivative Security (Instr. 5) | | Ownersh Form of Derivativ Security: Direct (I or Indire (s) (I) | Beneficia Ownershi (Instr. 4) | |
| | | | | Cod | e V | / (A) | (D) | Date Exer | e rcisable | Expiration Date | Title | Amount or Number of Shares | | (Instr. 4) | (Instr. 4) | |
| | | | | | | | 162,980 | | (1) | (1) | Commo Stock, | | (1) | 0 | | |

| D 41 0 N 1 | Relationships | | | | | | |
|---|---------------|--------------|-------------|-------|--|--|--|
| Reporting Owner Name / Address | Director | 10% Owner | Officer | Other | | | |
| Kennedy Michael N. 1615 WYNKOOP STREET DENVER, CO 80202 | | | See Remarks | | | | |

Signatures

| /s/ Yvette K. Schultz, as attorney-in-fact for Michael N. Kennedy | 04/21/2022 |
|---|------------|
| **Signature of Reporting Person | Date |

Explanation of Responses:

- $\begin{tabular}{ll} * & If the form is filed by more than one reporting person, see Instruction 4(b)(v). \end{tabular}$
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

- Each performance share unit ("PSU") represented a contingent right to receive one share of common Stock ("Common Stock") of Antero Resources Corporation (the "Issuer"). On April 20,
- (1) 2022, the Compensation Committee of the Issuer certified performance with respect to these PSUs originally granted on April 15, 2019, which vested at 200% of the original target number of PSUs granted based on the Issuer's absolute total shareholder return over a three-year period.
- (2) Includes 531,756 shares of Common Stock subject to previously granted restricted stock units that remain subject to vesting.
- In connection with the vesting and settlement of PSUs through the issuance of Common Stock pursuant to the Antero Resources Corporation Long-Term Incentive Plan, the Issuer withheld (3) Common Stock that would otherwise have been issued to the Reporting Person to satisfy their tax withholding obligations. The number of shares of Common Stock withheld was determined based on the closing price per share of Common Stock on April 20, 2022.

Remarks:

Chief Financial Officer and Senior Vice President - Finance

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.