

**FORM 4**

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

| OMB APPROVAL                                   |           |
|--|-----------|
| OMB Number:                                    | 3235-0287 |
| Estimated average burden hours per response... | 0.5       |

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 Responses)

|   |  |   |  |  |  |
|---|--|---|--|--|--|
| 1. Name and Address of Reporting Person<br>KAGAN PETER                    |  | 2. Issuer Name and Ticker or Trading Symbol<br>ANTERO RESOURCES Corp [AR]               |  | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br><input checked="" type="checkbox"/> Director<br><input type="checkbox"/> Officer (give title below) <input type="checkbox"/> 10% Owner<br><input type="checkbox"/> Other (specify below) |  |
| (Last) (First) (Middle)<br>C/O WARBURG PINCUS & CO., 450 LEXINGTON AVENUE |  | 3. Date of Earliest Transaction (Month/Day/Year)<br>01/11/2016                          |  |  |  |
| (Street)<br>NEW YORK, NY 10017  |  | 4. If Amendment, Date Original Filed (Month/Day/Year)                                   |  | 6. Individual or Joint/Group Filing (Check Applicable Line)<br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br><input type="checkbox"/> Form filed by More than One Reporting Person   |  |
| (City) (State) (Zip)  |  | <b>Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned</b> |  |  |  |

| 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, par value \$0.01 per share | 01/11/2016                           |  | A                              |   | 2,709   | A          | \$ 0  | 35,396  | D  |   |
| Common stock, par value \$0.01 per share |                                      |  |                                |   |   |            |       | 88,989,041 (1) (2)  | I  | See footnotes (2) (3) (4) (5)                         |

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

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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 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 Underlying Securities (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 of Derivative Security: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|--|--------------------------------------|--|--------------------------------|---|---|-----|--|-----------------|---|----------------------------|--|--|--|--|
|  |  |                                      |  | Code                           | V | (A)   | (D) | Date Exercisable   | Expiration Date | Title   | Amount or Number of Shares |  |  |  |  |

**Reporting Owners**

| Reporting Owner Name / Address  | Relationships |           |         |       |
|---|---------------|-----------|---------|-------|
|   | Director      | 10% Owner | Officer | Other |
| KAGAN PETER<br>C/O WARBURG PINCUS & CO.<br>450 LEXINGTON AVENUE<br>NEW YORK, NY 10017 | X             |           |         |       |

**Signatures**

|  |                     |
|--|---------------------|
| /s/ Robert B. Knauss, Attorney-in-fact for Peter R. Kagan*** | 01/13/2016          |
| <small>Signature of Reporting Person</small>                 | <small>Date</small> |

**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).
- (1) The Reporting Person is a Partner of Warburg Pincus & Co., a New York general partnership ("WP"), and a Member and Managing Director of Warburg Pincus LLC, a New York limited liability company ("WP LLC"). The Wa 88,989,041 shares of common stock ("Common Stock") of Antero Resources Corporation (the "Issuer") as of the date hereof.  
All shares of Common Stock of the Issuer indicated as indirectly owned by the Reporting Person are included because of his affiliation with the Warburg Pincus Entities, due to which Mr. Kagan may be deemed to have an indire
- (2) and Exchange Act of 1934, as amended) in an indeterminate portion of the shares of Common Stock of the Issuer owned by the Warburg Pincus Entities. Mr. Kagan disclaims beneficial ownership of all shares of Common Stock of his direct pecuniary interest therein.  
The Warburg Pincus funds are Warburg Pincus Private Equity VIII, L.P., a Delaware limited partnership ("WP VIII"), and together with its two affiliated partnerships, Warburg Pincus Netherlands Private Equity VIII C.V. I, a co
- (3) WPVIII Investors, L.P., a Delaware limited partnership ("WP-WPVIII Investors"), collectively, the "WP VIII Funds"), Warburg Pincus Private Equity X, L.P., a Delaware limited partnership ("WP X"), Warburg Pincus X Partne WP X, the "WP X Funds"), and Warburg Pincus Private Equity X O&G, L.P., a Delaware limited partnership ("WP X O&G"). WP-WPVIII Investors GP L.P., a Delaware limited partnership ("WP-WPVIII GP"), is the general p partnership ("WP X GP"), is the general partner of each of the WP X Funds and WP X O&G.  
Warburg Pincus X GP L.P., a Delaware limited partnership ("WP X GP LP"), is the general partner of WP X GP. WPP GP LLC, a Delaware limited liability company ("WPP GP"), is the managing member of WP-WPVIII GP at
- (4) ("WP Partners"), is (i) the managing member of WPP GP, and (ii) the general partner of WP VIII and WP VIII CV I. Warburg Pincus Partners GP LLC, a Delaware limited liability company ("WP Partners GP"), is the general pa LLC is the manager of each of the WP VIII Funds, the WP X Funds, and WP X O&G.
- (5) Each of the WP VIII Funds, the WP X Funds, WP X O&G, WP-WPVIII GP, WP X GP, WP X GP LP, WPP GP, WP Partners, WP Partners GP, WP and WP LLC are collectively referred to herein as the "Warburg Pincus Entiti

**Remarks:**

\*\*\* The Power of Attorney given by Mr. Kagan was previously filed with the U.S. Securities and Exchange Commission on May 13, 2014 as an exhibit to the Form 4 filed by Mr. Kagan with respect

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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