

FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF 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 * KAGAN PETER (Last) (First) (Middle) C/O WARBURG PINCUS & CO., 450 LEXINGTON AVE. (Street) NEW YORK, NY 10017 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 10/09/2013	3. Issuer Name and Ticker or Trading Symbol ANTERO RESOURCES Corp [AR]	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)	5. If Amendment, Date Original Filed(Month/Day/Year)
		6. Individual or Joint/Group Filing(Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person	

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock, par value \$1.00 per share	1,127	I	See footnote (1) (2) (3) (4)

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

SEC 1473 (7-02)

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Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			

Reporting Owners

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

Signatures

/s/ Peter R. Kagan	10/09/2013
<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 5(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) This Form 3 is being filed in connection with the effectiveness of the Registration Statement on Form S-1 (Registration No. 333-189284) of Antero Resources Corporation (the "Issuer"). 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 Warburg Pincus entities, as defined below, collectively hold a 38.4% membership interest, and a minority economic interest that is determined based on a multi-level waterfall, in Antero Resources LLC, a Delaware limited liability company, which directly owns all of the issued and outstanding shares of Common Stock of the Issuer as of the effective time.

(2) 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 indirect pecuniary interest (within the meaning of Rule 16a-1 under the Securities and Exchange Act of 1934, as amended). Mr. Kagan disclaims beneficial ownership of all shares of Common Stock of the Issuer attributable to the Warburg Pincus entities except to the extent of his direct pecuniary interest therein.

(3) The Warburg Pincus entities that are members in Antero Resources LLC 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 company formed under the laws of the Netherlands ("WP VIII CV I"), and WP-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 Partners, L.P., a Delaware limited partnership ("WP X Partners," and together with WP X, "WP X Funds"), and Warburg Pincus Private Equity X O&G, L.P., a Delaware limited partnership ("WP X O&G").

(4) Warburg Pincus X, L.P., a Delaware limited partnership ("WP X GP"), is the general partner of WP X Funds and WP X O&G. Warburg Pincus X LLC, a Delaware limited liability company ("WP X LLC"), is the general partner of WP X GP. WP-WPVIII Investors LLC, a Delaware limited liability company ("WP-WPVIII LLC"), is the general partner of WP-WPVIII Investors. Warburg Pincus Partners LLC, a New York limited liability company ("WP Partners"), is the sole member of WP X LLC and WP-WPVIII LLC and the general partner of WP VIII and WP VIII CV I. WP is the managing member of WP Partners. WP LLC is the manager of the WP VIII Funds, WP X Funds, and WP X O&G.

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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