

**FORM 3****UNITED STATES SECURITIES AND EXCHANGE  
COMMISSION**

Washington, D.C. 20549

**OMB APPROVAL**OMB 3235-  
Number: 0104  
Estimated average  
burden hours per  
response... 0.5**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 * Antero Resources Investment LLC	2. Date of Event Requiring Statement (Month/Day/Year) 10/09/2013	3. Issuer Name <b>and</b> Ticker or Trading Symbol ANTERO RESOURCES Corp [AR]	
(Last) (First) (Middle) 1625 17TH STREET		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) ____ Director <input checked="" type="checkbox"/> 10% Owner ____ Officer (give title below)	5. If Amendment, Date Original Filed(Month/Day/Year)
(Street) DENVER, CO 80202		____ Other (specify below)	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
(City) (State) (Zip)	<b>Table I - Non-Derivative Securities Beneficially Owned</b>		

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)

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

SEC 1473 (7-02)

**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 control number.**

**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
Antero Resources Investment LLC 1625 17TH STREET DENVER, CO 80202		X		

**Signatures**

/s/ Alwyn A. Schopp Chief Administrative Officer and Regional Vice President		10/09/2013
<small>**Signature of Reporting Person</small>		Date

## 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).

This Form 3 is being filed in connection with the effectiveness of the Registration Statement (the "Registration Statement") on Form S-1 (Registration No. 333-189284) of Antero Resources Corporation (the "Issuer"). Pursuant to the Merger Agreement dated as of October 1, 2013, by and among the Issuer, Antero Resources LLC and the Reporting Person, the Reporting Person has been granted an irrevocable proxy and power of attorney to vote and dispose the shares of common stock of the Issuer owned by Antero Resources LLC.

(1) Accordingly, the Reporting Person may be deemed to be the beneficial owner of all of the Issuer's shares held by Antero Resources LLC (in accordance with Rule 13d-3), which constitute all of the issued and outstanding shares of the Issuer at the time of effectiveness of the Registration Statement. Other than that beneficial ownership, however, the Reporting Person has no pecuniary or other reportable interest in any of the shares of common stock of the Issuer.

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.