

FORM 4

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

OMB APPROVAL	
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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 Responses)

1. Name and Address of Reporting Person * RADY PAUL M		2. Issuer Name and Ticker or Trading Symbol ANTERO RESOURCES Corp [AR]		5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) Chairman of the Board and CEO	
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 10/22/2016		
1615 WYNKOOP STREET					
(Street)			4. If Amendment, Date Original Filed(Month/Day/Year)		
DENVER, CO 80202			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)					

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, par value \$0.01 per share	10/22/2016		F		71,574 (1)	D	\$ 26.48	10,642,785 (2)	D	
Common stock, par value \$0.01 per share								5,282,518 (3)	I	See footnote (3)

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)					

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
RADY PAUL M 1615 WYNKOOP STREET DENVER, CO 80202	X		Chairman of the Board and CEO	

Signatures

/s/ Glen C. Warren, Jr., as attorney-in-fact for Paul M. Rady	10/24/2016
Signature of Reporting Person	Date

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).

In connection with the vesting of shares of restricted stock units pursuant to the Antero Resources Corporation Long-Term Incentive Plan, the Issuer withheld shares that (1) would otherwise have been issued to the Reporting Person to satisfy its tax withholding obligations. The number of shares withheld was determined based on the closing price per share on October 21, 2016.

(2) Includes 374,258 shares of common stock that remain subject to vesting.

Includes 2,820,806 shares of common stock held by Salisbury Investment Holdings LLC ("Salisbury") and 2,461,712 shares of common stock held by Mockingbird Investment, LLC ("Mockingbird"). The Reporting Person owns a 95% limited liability company interest in Salisbury and his spouse owns the remaining 5%. The Reporting Person owns a 3.68% limited liability company interest in Mockingbird, and a trust under his control owns the remaining 96.32%. The Reporting Person disclaims beneficial ownership of all shares held by Salisbury and Mockingbird except to the extent of his pecuniary interest therein.

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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