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

OMB APPROVAL						
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Estimated average burden						
ours per response						

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

Name and Address of Reporting Person *  Kennedy Michael N.				2. Issuer Name and Ticker or Trading Symbol ANTERO RESOURCES Corp [AR]							5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner				
		(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 12/15/2016					X Officer (give title below) Other (specify below)  Sr. V.P. Finance							
(Stre	et)		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							
(Stat	te)	(Zip)			Гab	le I - Non-	Deriv	vative S	Securities	Acqui	red, Dispo	osed of, or l	Beneficially	Owned	
(Instr. 3) Da		Date		any			(A) or Dispose (D)		Disposed	of Benefic Reporte		cially Owned Following ed Transaction(s)		Ownership Form: Direct (D)	7. Nature of Indirect Beneficial Ownership
						Code	V	Amou	or (D)	Price				(I)	(Instr. 4)
, par value	2 \$0.01	5/2016				F		14,93 (1)	$0$ D $\frac{3}{2}$	\$ 25.42	201,449	(2)		D	
on a separa	ate line for each	h class of secu	rities ber	neficial	ly o		Personta	ons wl ained i	n this fo	rm are	not req	uired to re	spond unle	ess	EC 1474 (9- 02)
						•		•			ly Owned				
Title of Derivative Conversion Date Conversion or Exercise (Month/Day/Year) any		4. Transaction Code Year) (Instr. 8)		on i	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3,	6. Date Exercisable and Expiration Date (Month/Day/Year)  7. Table 4. Am Under Section 2. Section 2		7. Ti Amo Und Secu (Inst	Fitle and acount of derlying curities  8. Price of Derivative Security (Instr. 5)		Derivative Securities Beneficially Owned Following Reported	Ownership Form of Derivative Security: Direct (D) or Indirect	(Instr. 4)		
			C	Code	V	(A) (D)				on Title	Amount or Number of Shares				
	rersion of attive	ael N.  OP STREET  (Street)  80202  (State)  7  2. Tr. Date (Mor.)  4, par value \$0.01 12/1  2 on a separate line for each contained by the co	ael N.  (First) (Middle)  OP STREET  (Street)  80202  (State) (Zip)  7  2. Transaction Date (Month/Day/Year)  par value \$0.01 12/15/2016  Table II - D  (eersion Date (Month/Day/Year))  3. Transaction Date (Month/Day/Year)  (Month/Day/Year)	ANTE  (First) (Middle) 3. Date 12/15/ (Street) 4. If Ar  80202  (State) (Zip)  7 2. Transaction Date (Month/Day/Year)  Anterior (Month/Day/Year)  Table II - Derivative (e.g., puts any (Month/Day/Year)  3. Transaction Date (Month/Day/Year)  3. Transaction Date (Month/Day/Year)  (Month/Day/Year)  (In the property of th	ANTERO R  (First) (Middle) 3. Date of Earl 12/15/2016  (Street) 4. If Amendment 12/15/2016  (State) (Zip) 2. Transaction Date (Month/Day/Year) 2A. Deemed Execution Date (Month/Day/Year) 3A. Deemed Execution Date (e.g., puts, calls, any (Month/Day/Year) 4A. Transaction Code (Instr. 8) 3A. Deemed Execution Date (Month/Day/Year) 4A. Transaction Date (Month/Day/Year) 3A. Deemed Execution Date (Instr. 8)	ANTERO RESCO  (First) (Pirst) (Pirst) (Pirst) (Street) (Street) (Street) (State) (State) (Zip) (Zip) (Zip) (Month/Day/Year) (Month/Day/Year) (Month/Day/Year)  Table II - Derivative Securities beneficially of Execution Date (E.g., puts, calls, ware consisted of Month/Day/Year)  Table II - Derivative Securities beneficially of Execution Date (Month/Day/Year)  Table II - Derivative Securities beneficially of Execution Date (E.g., puts, calls, ware consisted of Month/Day/Year)  ANTERO RESCO (Month/Day/Year)  Table II - Derivative Securities beneficially of Execution Date, if any (Month/Day/Year)  (Month/Day/Year) (Month/Day/Year)	ANTERO RESOURCES  (First) (Middle) 3. Date of Earliest Transaction 12/15/2016  (Street) 4. If Amendment, Date Origing 12/15/2016  (State) (Zip) Table I - Non-Date (Month/Day/Year) 2A. 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Finance) (Street) (Street) (Street) (Street) (A. If Amendment, Date Original Filed(Month/Day/Year) (Street) (A. If Amendment, Date Original Filed(Month/Day/Year) (A. If Amendment, Date Original Filed(Month/Day/Year) (Street) (A. If Amendment, Date Original Filed(Month/Day/Year) (Instr. 3, 4 and 5) (Individual or Joint/Group Filing(Chock Applical No. Form filed by More than One Reporting Person.  Individual or Joint/Group Filing(Chock Applical No. Form filed by More than One Reporting Person.  Individual or Joint/Group Filing(Chock Applical No. Form filed by More than One Reporting Person.  Individual or Joint/Group Filing(Chock Applical No. Form filed by More than One Reporting Person.  Individual or Joint/Group Filing(Chock Applical No. Form filed by More than One Reporting Person.  Individual or Joint/Group Filing(Chock Applical No. Form filed by More deporting Person.  Individual or Joint/Group Filing(Chock Applical No. Form filed by More Reporting Person.  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Describer Occurs Name / Address	Relationships						
Reporting Owner Name / Address	Director	10% Owner	Officer	Other			
Kennedy Michael N. 1615 WYNKOOP STREET DENVER, CO 80202			Sr. V.P. Finance				

# **Signatures**

/s/ Michael N. Kennedy	12/16/2016
**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 pursuant to the Antero Resources Corporation Long-Term Incentive Plan, the Issuer withheld shares that would (1) 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 December 15, 2016.
- (2) Includes 161,418 shares of common stock that remain subject to vesting.

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.