

FORM 5

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).
- Form 3 Holdings Reported
- Form 4 Transactions Reported

ANNUAL 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

1. Name and Address of Reporting Person * Warren Glen C Jr		2. Issuer Name and Ticker or Trading Symbol Antero Midstream GP LP [AMGP]		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)					
(Last)	(First)	(Middle)	3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 12/31/2017		See Remarks				
1615 WYNKOOP STREET			4. If Amendment, Date Original Filed(Month/Day/Year)		6. Individual or Joint/Group Reporting (check applicable line) <input checked="" type="checkbox"/> Form Filed by One Reporting Person <input type="checkbox"/> Form Filed by More than One Reporting Person				
(Street)	DENVER, CO 80202								
(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 at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				Amount	(A) or (D)	Price			
Common shares representing limited partner interests	05/12/2017		J(1)	14,369,050	A	\$ 0	14,369,050 (2)	D	
Common shares representing limited partner interests	06/09/2017		J(1)	562,029	A	\$ 0	14,931,079 (2)	D	

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 at End of Issuer's Fiscal Year (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
						Date Exercisable	Expiration Date					
					(A) (D)							

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Warren Glen C Jr 1615 WYNKOOP STREET DENVER, CO 80202	X		See Remarks	

Signatures

/s/ Alwyn A. Schopp, as attorney-in-fact for Glen C. Warren, Jr. 02/09/2018

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).

On May 12, 2017 and June 9, 2017, respectively, Antero Resources Investment LLC ("Antero Investment") distributed an aggregate total of 143,332,713 and 5,588,781 (1) common shares representing limited partner interests in the Issuer ("Common Shares") to its members on a pro rata basis in accordance with their respective ownership interests as determined in accordance with the Limited Liability Company Agreement of Antero Investment, with no consideration being paid in connection therewith.

Includes 3,745,322 Common Shares distributed to Canton Investment Holdings LLC ("Canton") on May 12, 2017 and an additional 145,778 Common Shares distributed (2) to Canton Investment Holdings LLC on June 9, 2017. The Reporting Person is the sole member of Canton. The Reporting Person disclaims beneficial ownership of all shares held by Canton except to the extent of his pecuniary interest therein.

Remarks:

Director, President, Chief Financial Officer and Secretary

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

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