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

SCHEDULE 13D

Under the Securities Exchange Act of 1934 (Amendment No. 1)

Antero Midstream Corporation

(Name of Issuer)

Common Stock, par value \$0.01 per share

(Title of Class of Securities)

03676B 102

(CUSIP Number)

Antero Subsidiary Holdings LLC
Paul M. Rady
Glen C. Warren, Jr.
1615 Wynkoop Street
Denver, Colorado 80202
(303) 357-7310

With a copy to:

Douglas E. McWilliams Scott D. Rubinsky Vinson & Elkins L.L.P. 1001 Fannin Street, Suite 2500 Houston, Texas 77002 (713) 758-2222

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

May 21, 2019

(Date of Event Which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition which is the subject of this Schedule 13D, and is filing this schedule because of $\S240.13d-1(e)$, 240.13d-1(g), check the following box. \square

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See Rule 13d-7 for other parties to whom copies are to be sent.

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 (the "Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

(Continued on following pages)

1.	Name of Rep Antero Subsi	porting Person idiary Holdings LLC		
2.	Check the Appropriate Box if a Member of a Group			
	(a):			
	(b):			
3.	SEC Use On	ly		
4.	Source of Funds (See Instructions) OO			
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) □			
6.	Citizenship or Place of Organization Delaware			
	7.	Sole Voting Power 107,000,001		
Number of Shares Beneficially	8.	Shared Voting Power 0*		
Owned by Each Reporting Person With	9.	Sole Dispositive Power 107,000,001		
	10.	Shared Dispositive Power 0*		
11.	Aggregate Amount Beneficially Owned by Each Reporting Person 107,000,001*			
12.	Check if the	Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions) □		
13.	Percent of Class Represented by Amount in Row (11) 21.1%(1)			
14.	Type of Reporting Person (See Instructions) OO			

^{*}Calculated in the manner set forth in Item 5.

(1) Based on 506,847,308 Shares outstanding as of May	y 21, 201	19
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1.	Name of Rep Paul M. Rady	orting Person		
2.	Check the Ap	opropriate Box if a Member of a Group		
	(a):			
	(b):			
3.	SEC Use Onl	ly		
4.	Source of Funds (See Instructions) OO			
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) □			
6.	Citizenship or Place of Organization United States of America			
	7.	Sole Voting Power 9,634,883		
Number of Shares Beneficially	8.	Shared Voting Power 19,180,821*		
Owned by Each Reporting Person With	9.	Sole Dispositive Power 9,634,883		
	10.	Shared Dispositive Power 19,180,821*		
11.	Aggregate Amount Beneficially Owned by Each Reporting Person 28,815,704*			
12.	Check if the	Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions) □		
13.	Percent of Class Represented by Amount in Row (11) 5.7%(1)			
14.	Type of Reporting Person (See Instructions) IN			

^{*} Calculated in the manner set forth in Item 5.

(1) Based on 506,847,308 Shares outstanding as of May 21, 2	(1)	Based on 506,84	7,308 Shares	outstanding as	of May 21.	2019
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1.	Name of Rep Glen C. War	porting Person ren, Jr.			
2.	Check the A	Check the Appropriate Box if a Member of a Group			
	(a):				
	(b):				
3.	SEC Use On	ily			
4.	Source of Funds (See Instructions) OO				
5.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) □				
6.	Citizenship or Place of Organization United States of America				
	7.	Sole Voting Power 16,860,517			
Number of Shares Beneficially	8.	Shared Voting Power 3,966,804*			
Owned by Each Reporting Person With	9.	Sole Dispositive Power 16,860,517			
	10.	Shared Dispositive Power 3,966,804*			
11.	Aggregate Amount Beneficially Owned by Each Reporting Person 20,827,321*				
12.	Check if the	Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions) □			
13.	Percent of C 4.1%(1)	lass Represented by Amount in Row (11)			
14.	Type of Rep IN	orting Person (See Instructions)			

^{*}Calculated in the manner set forth in Item 5.

(1) Based on 506,847,308 Shares outstanding as of May	y 21, 201	19
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Explanatory Note: On May 21, 2019, certain funds affiliated with Warburg Pincus LLC sold 15,000,000 shares of common stock of Antero Midstream Corporation. Separately, also on May 21, 2019, certain funds affiliated with Yorktown Partners, LLC sold 4,000,000 shares of common stock of Antero Midstream Corporation. Paul M. Rady, Glen C. Warren, Jr., Antero Subsidiary Holdings LLC (together with Mr. Rady and Mr. Warren, the "Reporting Person"), the Warburg Entities and the Yorktown Entities are party to that certain Stockholders' Agreement, dated March 12, 2019, and as a result the Reporting Persons may be deemed to have formed a Section 13(d) group with the Warburg Entities and the Yorktown Entities. Although none of Mr. Rady, Mr. Warren or Antero Subsidiary Holdings LLC sold shares of Antero Midstream Corporation common stock, the Reporting Persons are filing this Amendment No. 1, which amends and supplements the Statement on Schedule 13D filed on March 14, 2019 (the "Original Schedule 13D") with the Securities and Exchange Commission to reflect the sales made by the Warburg Entities and the Yorktown Entities. The Original Schedule 13D is hereby amended and supplemented by the Reporting Persons, as set forth below (as so amended and supplemented, the "Schedule 13D"). Unless set forth below, all previous Items of the Original Schedule 13D are unchanged. Capitalized terms used herein which are not defined herein have the meanings set forth in the Original Schedule 13D.

Item 5. Interest in Securities of the Issuer

This Item 5 shall be deemed to amend and restate Item 5 to the Original Schedule 13D in its entirety:

The aggregate number and percentage of Shares beneficially owned by each Reporting Person and, for each Reporting Person, the number of Shares as to which there is sole power to vote or to direct the vote, shared power to vote or to direct the vote, sole power to dispose or to direct the disposition, or shared power to dispose or to direct the disposition, are set forth on rows 7 through 11 and row 13 of the cover pages of this Schedule 13D and are incorporated herein by reference.

As a result of the Stockholders' Agreement (as defined below), the Reporting Persons, the Warburg Entities and the Yorktown Entities (collectively, the 'Stockholders' Agreement Parties') may be deemed to have formed a Section 13(d) group. If the Stockholders' Agreement Parties are deemed to have formed a Section 13(d) group, such group may be deemed to beneficially own an aggregate of 208,287,026 Shares for the purpose of Rule 13d-3 under the Act, which would constitute approximately 41.1% of the issued and outstanding Shares and total voting power of the Issuer as of May 21, 2019. Each of the Warburg Entities and the Yorktown Entities have filed a separate Schedule 13D with respect to their interests. Each of the Stockholders' Agreement Parties disclaims beneficial ownership of Shares owned by the other Stockholders' Agreement Parties except to the extent of its pecuniary interest therein.

Each of the Reporting Persons, the Warburg Entities and the Yorktown Entities listed below has the following beneficial ownership of Shares (percentages are based on 506,847,308 Shares outstanding as of May 21, 2019):

- (i) Paul M. Rady is the record owner of 9,634,883 Shares of the Issuer, representing 1.9% of the outstanding Shares of the Issuer. Because Mr. Rady owns a 3.68% limited liability company interest in Mockingbird Investment LLC ("Mockingbird"), and a trust under his control owns the remaining 96.32% in Mockingbird, he may be deemed to beneficially own an additional 19,180,821 Shares of the Issuer owned of record by Mockingbird based on his relationship with Mockingbird. Mr. Rady disclaims beneficial ownership of these Shares except to the extent of his pecuniary interest therein.
- (ii) Glen C. Warren, Jr. is the record owner of 16,860,517 Shares of the Issuer, representing 3.3% of the outstanding Shares of the Issuer. Because Mr. Warren is the sole member of Canton Investment Holdings LLC ("Canton"), he may be deemed to beneficially own an additional 3,966,804 Shares of the Issuer owned of record by Canton based on his relationship with Canton. Mr. Warren disclaims beneficial ownership of these Shares except to the extent of his pecuniary interest therein.
- (iii) Antero Subsidiary Holdings LLC is the record owner of 107,000,001 Shares of the Issuer, representing 21.1% of the outstanding Shares of the Issuer. Because Antero Resources is the sole member of AR Sub, Antero

Resources may be deemed to beneficially own all Shares of the Issuer owned by AR Sub based on its relationship with AR Sub. Antero Resources disclaims beneficial ownership of these Shares except to the extent of its pecuniary interest therein.

- (iv) WP X O&G is the record owner of 34,834,296 Shares of the Issuer, representing 6.87% of the outstanding Shares of the Issuer.
- (v) Warburg Pincus X Partners, L.P. is the record owner of 1,114,410 Shares of the Issuer, representing 0.22% of the outstanding Shares of the Issuer.
- (vi) Warburg Pincus Private Equity VIII, LP is the record owner of 4,032,316 Shares of the Issuer, representing 0.80% of the outstanding Shares of the Issuer.
- (vii) Warburg Pincus Netherlands Private Equity VIII C.V.I. is the record owner of 116,879 Shares of the Issuer, representing 0.02% of the outstanding Shares of the Issuer.
 - (viii) WP-WPVIII Investors, L.P. is the record owner of 11,688 Shares of the Issuer, representing less than 0.01% of the outstanding Shares of the Issuer.
- (ix) Yorktown V is the record owner of 1,392,602 Shares of the Issuer, representing 0.27% of the outstanding Shares of the Issuer. Because Yorktown V Company is the sole general partner of Yorktown V, it may be deemed to beneficially own 1,392,602 Shares of the Issuer based on its relationship with Yorktown V. Yorktown V Company disclaims beneficial ownership of these Shares except to the extent of its pecuniary interest therein. Yorktown VI is the record owner of 1,463,246 Shares of the Issuer, representing 0.29% of the outstanding Shares of the Issuer. Because Yorktown VI Company is the sole general partner of Yorktown VI, it may be deemed to beneficially own 1,463,246 Shares of the Issuer based on its relationship with Yorktown VI Associates is the sole general partner of Yorktown VI Company, it may be deemed to beneficially own 1,463,246 Shares of the Issuer based on its relationship with Yorktown VII Company. Yorktown VI Company and Yorktown VI Associates disclaim beneficial ownership of these Shares except to the extent of their pecuniary interest therein. Yorktown VII is the record owner of 3,412,464 Shares of the Issuer, representing 0.67% of the outstanding Shares of the Issuer. Because Yorktown VII Company is the sole general partner of Yorktown VII, it may be deemed to beneficially own 3,412,464 Shares of the Issuer based on its relationship with Yorktown VII Associates is the sole general partner of Yorktown VII Company, it may be deemed to beneficially own 3,412,464 Shares of the Issuer based on its relationship with Yorktown VIII Shares of the Issuer based on the extent of their pecuniary interest therein. Yorktown VIII is the record owner of 5,266,099 Shares of the Issuer based on its relationship with Yorktown VIII Company is the sole general partner of Yorktown VIII Company and Yorktown VIII Associates is the sole general partner of Yorktown VIII Company, it may be deemed to beneficially own 5,266,099 Shares of the Issuer based on its relationship with Yorktown VIII Company. Yorktown VIII Compa

Information with respect to each of the Reporting Persons is given solely by such Reporting Person. Information with respect to each of the Warburg Entities and the Yorktown Entities is based on information provided to the Reporting Persons by the Warburg Entities and the Yorktown Entities. No Reporting Person has responsibility for the accuracy or completeness of information supplied by another Reporting Person, the Warburg Entities or the Yorktown Entities.

On April 15, 2019, Messrs. Rady and Warren received 37,108 Shares and 24,739 Shares, respectively, upon vesting and settlement of outstanding restricted stock units pursuant to the Antero Midstream Corporation Long-Term Incentive Plan, in each case net of Shares the Issuer withheld to satisfy their respective tax withholding obligations. On May 21, 2019, WP VIII sold 14,536,517 Shares, WP VIII CV I sold 421,348 Shares and WP-WPVIII Investors sold 42,135 Shares, each such transaction on the open market and at a price of \$12.61 per Share. Separately, on May 21, 2019, Yorktown V sold 483,200 Shares, Yorktown VI sold 507,600 Shares, Yorktown VII sold 1,825,600 Shares, each such transaction on the open market and at a price of \$12.61 per Share. Except as described in this Schedule 13D, none of the Reporting Persons has effected any transactions in the Shares of the Issuer since the filing of the Original Schedule 13D.

Except as set forth in this Item 5 and for persons referred to in Item 2 above, no person is known to have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, the Shares that may be deemed to be beneficially owned by the Reporting Persons, the Warburg Entities or the Yorktown Entities.

Signatures

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: May 24, 2019

PAUL M. RADY

/s/ Alvyn A. Schopp, as attorney-in-fact for Paul M. Rady By:

GLEN C. WARREN, JR.

/s/ Alvyn A. Schopp, as attorney-in-fact for Glen C. Warren, Jr. By:

ANTERO SUBSIDIARY HOLDINGS LLC

ANTERO RESOURCES CORPORATION, its sole member By:

By: /s/ Alvyn A. Schopp Alvyn A. Schopp

Name:

Title: Chief Administrative Officer, Regional Senior Vice President and Treasurer

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