FORM 4

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

| OMB APPROVAL | | | | | | |
|------------------------------------|-----------|--|--|--|--|--|
| OMB Number: | 3235-0287 | | | | | |
| Estimated average burden hours per | | | | | | |
| reenonce | 0.5 | | | | | |

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 Respons | ses) | | | | | | | | | | | | | | | |
|--|-----------------|--|---------------------|--|---|-------------------------------|-------------------|---|---|--------------------|---|---|---|---|--|------------|
| Name and Address of Reporting Person – McNeilly Ward D. | | | | Issuer Name and Ticker or Trading Symbol Antero Midstream Partners LP [AM] | | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner | | | | | |
| 1615 WYNKOOP | STREET (First | st) | | 3. Date of Earliest Transaction (Month/Day/Year) 04/15/2018 | | | | | X Officer (give title below) Other (specify below) See Remarks | | | | | | | |
| (Street) | | | | 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 | | | | | |
| DENVER, CO 802 | | | | | | | | | | | | roun med by more than t | one reporting re | 15011 | | |
| (City) | (Sta | te) | (Zip) | | Table I - Non-Derivative Securities Acquired, Disposed of, or | | | | | | | uired, Disposed of, or B | eneficially C | Owned | | |
| (Instr. 3) Dat | | 2. Transaction Date (Month/Day/Y | Exe (ear) any | 2A. Deemed Execution Date, in any (Month/Day/Year | e, if Co | (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. 7. Nature Ownership Form: Beneficial Ownership | of Indirect Beneficial | |
| | | | (IVI | | ear) | Code | V | Amount | (A) or (D) | Price | | | | or Indirect (I) (Instr. 4) | | |
| Common Units rep interests | resenting lim | ited partner | 04/15/2018 | | | | F | | 3,694 (1) | D S | § 25.08 | 59,209 (2) | | | D | |
| Reminder: Report on a | separate line f | or each class of secu | rities beneficially | owned di | rectly or in- | directly | ·. | | | | | | | | | |
| Persons who respond to the collection of information contained in this form SEC 1474 (9-02) are not required to respond unless the form displays a currently valid OMB control number. | | | | | | | | | | | | | | | | |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) | | | | | | | | | | | | | | | | |
| Title of Derivative Security (Instr. 3) | | Date (Month/Day/Year) | Execution Date, if | if Code Deriging (Instr. 8) Acquir) Disp | | Derivat Acquiro Disposo | vative Securities | | and Expiration Date | | Unde | le and Amount of rlying Securities . 3 and 4) | 8. Price of Derivative Security (Instr. 5) | Securities Beneficially | Ownership Form of Derivative | Beneficial |
| | | | | Cod | e V | (A) | (1) | | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | Reported Transaction(s) | Direct (D) or Indirect (I) (Instr. 4) | |

Reporting Owners

| D | Relationships | | | | | | | |
|---|---------------|-----------|-------------|-------|--|--|--|--|
| Reporting Owner Name / Address | Director | 10% Owner | Officer | Other | | | | |
| McNeilly Ward D. 1615 WYNKOOP STREET DENVER, CO 80202 | | | See Remarks | | | | | |

Signatures

| /s/ Alvyn A. Schopp, as attorney-in-fact for Ward D. McNeilly | 04/16/2018 |
|---|------------|
| 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).
- In connection with the vesting and settlement of phantom units through the issuance of common units representing limited partner interests in the Issuer ("Common Units") pursuant to a Phantom Unit Agreement and the Antero (1) Midstream Partners LP Long-Term Incentive Plan, the Issuer withheld Common Units that would otherwise have been issued to the Reporting Person to satisfy its tax withholding obligations. The number of Common Units withheld was determined based on the closing price per Common Unit on April 13, 2018.
- $\textbf{(2)} \ \ \textbf{Includes 33,075 Common Units that remain subject to vesting}.$

Remarks:

The Issuer is a Delaware limited partnership, managed by the directors and officers of its general partner, Antero Midstream Partners GP LLC ("AMP GP"). Mr. McNeilly is the Senior Vice Presider Reserves, Planning and Midstream of Midstream Management of AMP GP.

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.