

**Antero Resources**  
**Well No. McKean 1H**  
**As-Drilled**  
 Antero Resources Corporation

Sheet 1 of 2

9,657' to Bottom Hole

3,598' to Top Hole

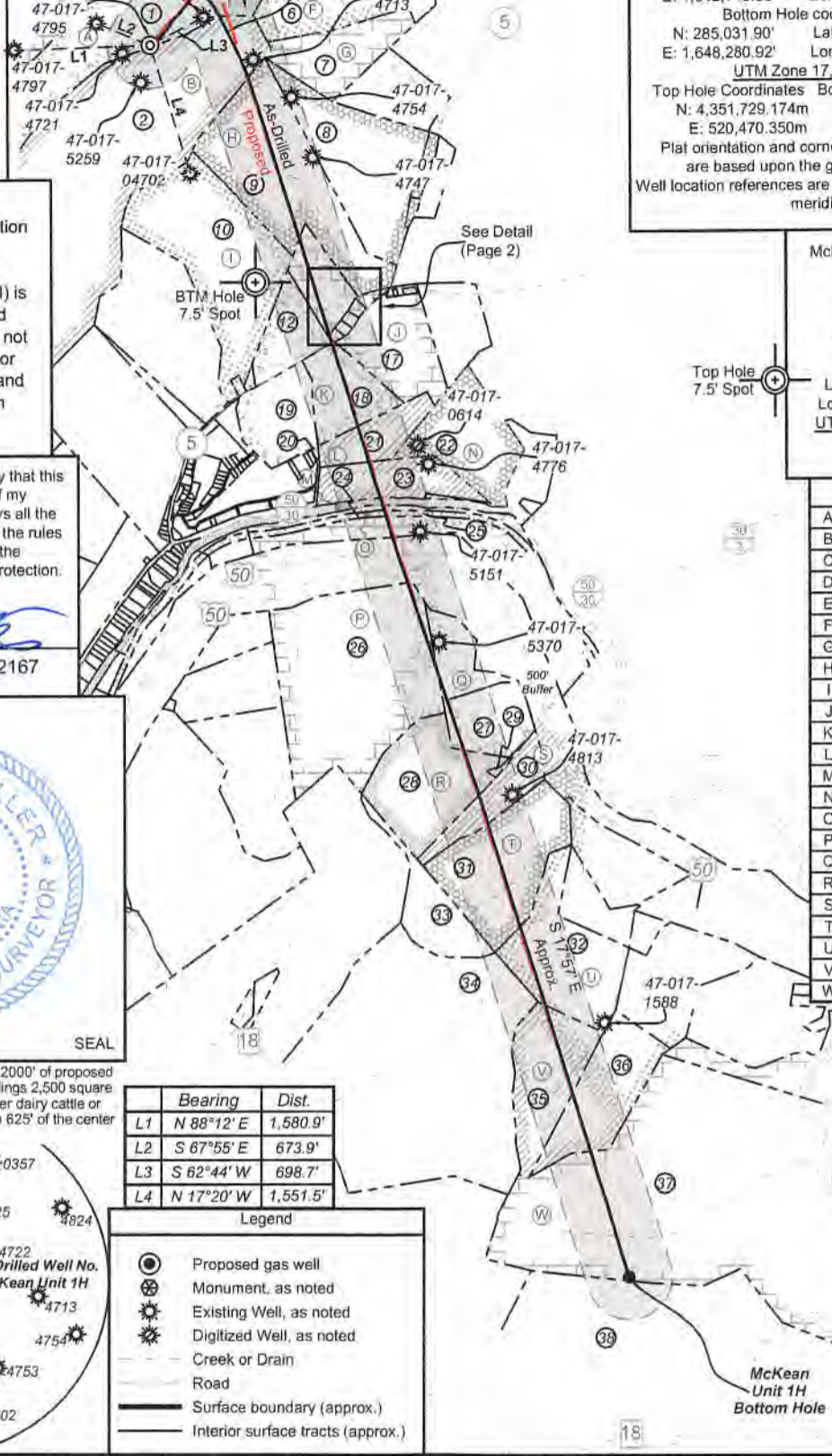
TOP HOLE LATITUDE 39 - 20 - 00  
 BTM HOLE LATITUDE 39 - 17 - 30

**Notes**  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements. Well No. McKean Unit 1H Top Hole coordinates are N: 299,217.73" Latitude: 39°18'52.69" E: 1,642,740.39" Longitude: 80°45'45.78" Bottom Hole coordinates are N: 285,031.90" Latitude: 39°16'33.25" E: 1,648,280.92" Longitude: 80°44'32.80" UTM Zone 17, NAD 1983  
 Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,351,729.174m N: 4,347,435.635m  
 E: 520,470.350m E: 522,230.360m  
 Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.

TOP HOLE LONGITUDE 80 - 45 - 00  
 BTM HOLE LONGITUDE 80 - 42 - 30  
 5,742' to Bottom Hole  
 6,810' to Top Hole



As-Drilled Well No. McKean Unit 1H



Top Hole Coordinates, As-drilled data, and information was provided by Antero Resources Corporation. Allegheny Surveys Inc. (ASI) is not certifying the data and information provided. ASI is not responsible for any errors or inaccuracies with the data and information that has been provided.

McKean Unit 1H As-Drilled POE Coordinates  
 West Virginia Coordinate System of 1927, North Zone  
 N: 299,368.14'  
 E: 1,643,635.91'  
 Latitude: 39°18'54.30"  
 Longitude: 80°45'34.42"  
 UTM Zone 17, NAD 1983  
 N: 4,351,779.555m  
 E: 520,742.406m

I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

Bradley D. Miller, P.S. 2167

**Leases**

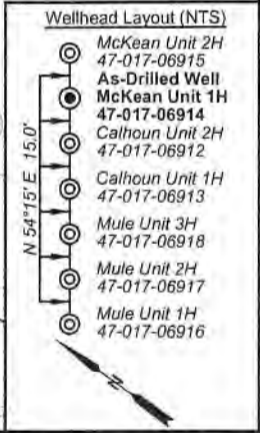
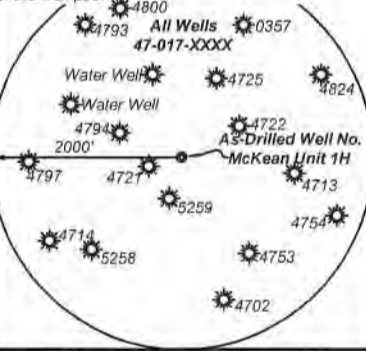
|   |                                  |
|---|----------------------------------|
| A | William A. Farr                  |
| B | James Lincoln Smith              |
| C | William Ashburn Heirs            |
| D | James R. Fraley, et ux           |
| E | David Lipscomb                   |
| F | Charles A. McKinney              |
| G | Robert W. Sponaugle              |
| H | Betty Lou Calhoun                |
| I | Jennie Mae Sponaugle, et al      |
| J | Jackson V. Moffatt               |
| K | William Franklin Willis          |
| L | Franklin L. Butler & Key Oil Co. |
| M | WVDNR                            |
| N | Rossie & Eva Lowery              |
| O | WV State Rail Authority          |
| P | Wanda Longacre, et al            |
| Q | C. M. Tate, et ux                |
| R | Thomas L. Barnes, et ux          |
| S | Grace Evelyn Bunner              |
| T | AMP Fund III, LP                 |
| U | Alton J. Childers, et al         |
| V | Winnie J. Hackley                |
| W | W.L. Davis, et ux                |



Note: 2 water well was found within 2000' of proposed well. No occupied dwellings or buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad.

|    | Bearing    | Dist.    |
|----|------------|----------|
| L1 | N 88°12' E | 1,580.9' |
| L2 | S 67°55' E | 673.9'   |
| L3 | S 62°44' W | 698.7'   |
| L4 | N 17°20' W | 1,551.5' |

- Legend**
- Proposed gas well
  - ⊗ Monument, as noted
  - ⊙ Existing Well, as noted
  - ⊛ Digitized Well, as noted
  - Creek or Drain
  - Road
  - Surface boundary (approx.)
  - Interior surface tracts (approx.)



FILE NO: 46-30-WU-14  
 DRAWING NO: McKean 1H As-Drilled  
 SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: Submeter  
 PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

**STATE OF WEST VIRGINIA**  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
**OIL AND GAS DIVISION**

DATE: December 20 2022  
 OPERATOR'S WELL NO. McKean Unit 1H  
 API WELL NO  
 47 - 017 - 06914  
 STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION: As-Built: 1,189' WATERSHED: Middle Island Creek QUADRANGLE: TH: West Union BH: Smithburg  
 DISTRICT: West Union Antero WINNIE J. HACKLEY; ALTON J. CHILDERS, ET AL; AMP FUND III, LP; WVDNR COUNTY: Doddridge  
 SURFACE OWNER: Midstream, LLC WILLIAM FRANKLIN WILLIS; THOMAS L. BARNES, ET UX; GRACE EVELYN BUNNER ACREAGE: 45.8  
 ROYALTY OWNER: William A. Farr; David Lipscomb; James Lincoln Smith; LEASE NO: ACREAGE: 15.18750; 265;

PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 6,854' TVD  
 22,243' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Kevin Ellis  
 ADDRESS: 1615 Wynkoop Street ADDRESS: 535 White Oaks Blvd.  
 Denver, CO 80202 Bridgeport, WV 26330



| ID | TM/Par  | Owner                                | Bk/Pg    | Acres  |
|----|---------|--------------------------------------|----------|--------|
| 1  | 7-18.1  | Antero Midstream, LLC                | 346/612  | 45.80  |
| 2  | 7-29    | Sharon A. Gaspar                     | W113/242 | 182.67 |
| 3  | 7-18    | Antero Midstream, LLC                | 387/708  | 116.54 |
| 4  | 7-19    | James R. Fraley, Jr.                 | 459/86   | 2.60   |
| 5  | 7-12.1  | James R. Fraley, Jr.                 | 459/86   | 41.00  |
| 6  | 8-53    | Charter McKinney Heirs               | 69/311   | 13.00  |
| 7  | 8-24    | Robert Sponaugle                     | 248/81   | 13.00  |
| 8  | 8-31.1  | Jackson H. & Doris Todd Calhoun      | 365/647  | 41.92  |
| 9  | 8-31    | Jacqueline D. & Gayford A. Cox       | 469/369  | 53.75  |
| 10 | 7-25    | Robert W. Sponaugle, et al           | 369/496  | 49.50  |
| 11 | 8-40    | Spencer Enterprise, LLC              | 261/512  | 11.06  |
| 12 | 12-2    | Frank Jr. & Doris E. Holtz           | 235/23   | 13.54  |
| 13 | 8-40.4  | Kristen Thomas                       | 382/507  | 0.81   |
| 14 | 8-40.3  | Jonathan M. Johnson                  | 305/616  | 0.48   |
| 15 | 8-40.2  | Sharon K. & Robert W. Sponaugle      | W37/387  | 0.56   |
| 16 | 8-40.1  | Melanie A. & Benjamin M. Blair       | 330/195  | 0.56   |
| 17 | 8-45    | Tensil D. Davis                      | 312/177  | 20.89  |
| 18 | 12-4    | Sharon E. Walker & Ronald J. Burns   | 259/365  | 18.70  |
| 19 | 12-1    | Antero Midstream, LLC                | 378/34   | 18.90  |
| 20 | 34-98   | Roy F. Rupert                        | 122/141  | 0.32   |
| 21 | 12-6    | Rossie & Eva Lowery, et al           | 258/336  | 15.30  |
| 22 | 12-7    | Harold F. Robinson, et al            | 196/331  | 26.00  |
| 23 | 12-23   | Rossie & Eva Lowery                  | 258/336  | 14.63  |
| 24 | 12-103  | Barnes Siblings Property, LLC        | 471/545  | 43.11  |
| 25 | 12-101  | WV Railroad Maintenance Authority    | 216/166  | 11.30  |
| 26 | 12-50   | Key Oil Co, et al                    | 252/558  | 76.98  |
| 27 | 12-51   | Key Oil Co., et al                   | 259/283  | 43.70  |
| 28 | 12-64   | Frank L. Butler, et al               | 259/275  | 34.13  |
| 29 | 12-64.2 | Frank L. Butler, et al               | 259/275  | 0.55   |
| 30 | 12-65   | James T. & Claire A. Robinson, et al | 436/695  | 10.86  |
| 31 | 12-72   | James T. & Claire A. Robinson, et al | 436/695  | 35.96  |
| 32 | 12-72.4 | Doddridge County 4-H Association     | 162/441  | 44.30  |
| 33 | 12-64.1 | Frank L Butler, et al                | 259/275  | 15.50  |
| 34 | 16-1    | Barbara Jo McCutchan                 | 333/91   | 123.17 |
| 35 | 16-21   | Dustin Underwood & Matthew Samer     | 309/252  | 27.27  |
| 36 | 16-22   | William H. Knisely, III              | 247/201  | 27.27  |
| 37 | 16-7    | Doddridge County Park & Recreation   | 304/437  | 179.23 |
| 38 | 16-17   | I. L. Morris                         | 230/307  | 108.59 |



  
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03/17/2023