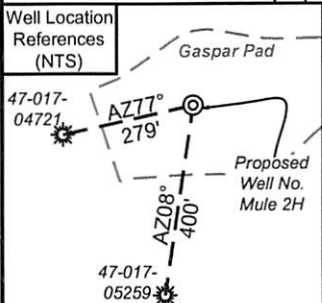


**Antero Resources**  
**Well No. Mule 2H**  
**BHL MOD**  
 Antero Resources Corporation

Sheet 1 of 2

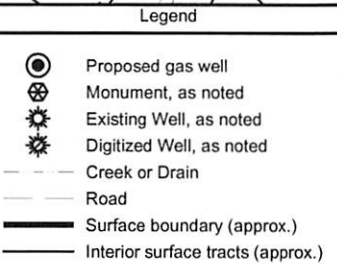
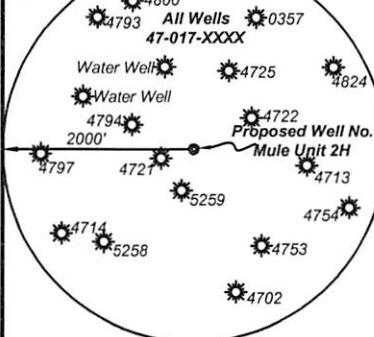


I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

*Bradley D. Miller*  
 Bradley D. Miller, P.S. 2167



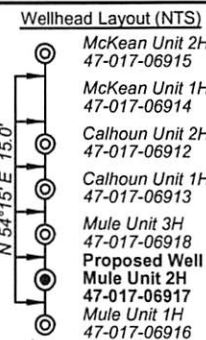
Note: 2 water well was found within 2000' of proposed well. No occupied dwellings or buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad.



3,645' to Top Hole  
 2,778' to Bottom 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. Mule Unit 2H Top Hole coordinates are  
 N: 299,182.79' Latitude: 39°18'52.34"  
 E: 1,642,691.20' Longitude: 80°45'46.40"  
 Bottom Hole coordinates are  
 N: 288,879.48' Latitude: 39°17'10.61"  
 E: 1,643,417.15' Longitude: 80°45'35.33"  
 UTM Zone 17, NAD 1983  
 Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,351,718.279m N: 4,348,583.053m  
 E: 520,455.542m E: 520,729.057m  
 Plat orientation and corner and well references are based upon the grid north meridian.  
 Well location references are based upon the magnetic meridian.

**Notes:**  
 Well No. Mule Unit 2H UTM Zone 17, NAD 1927  
 Top Hole Coordinates  
 N: 14,276,547.41'  
 E: 1,707,480.61'  
 Point of Entry Coordinates  
 N: 14,274,649.37'  
 E: 1,705,663.59'  
 Bottom Hole Coordinates  
 N: 14,266,261.26'  
 E: 1,708,377.98'



| Bearing       | Dist.    |
|---------------|----------|
| L1 N 89°27' E | 1,531.0' |
| L2 S 63°23' E | 643.5'   |
| L3 S 62°05' W | 758.5'   |
| L4 N 19°28' W | 1,533.9' |
| L5 S 44°42' W | 2,628.5' |

FILE NO: 55-30-WU-14  
 DRAWING NO: Mule Unit 2H Well Plat  
 SCALE: 1" = 1500'  
 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: March 7 20 22  
 OPERATOR'S WELL NO. Mule Unit 2H  
 API WELL NO MUD  
 47 - 017 - 06917  
 STATE COUNTY PERMIT

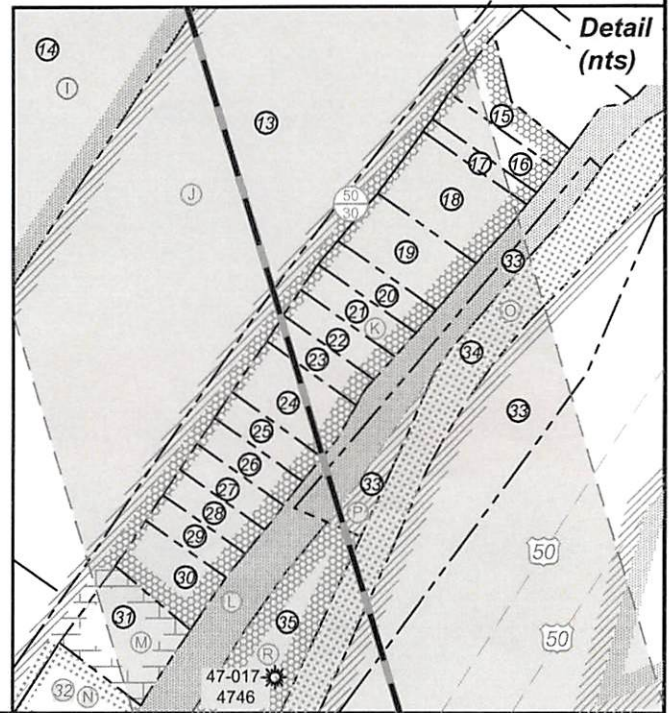
WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 LOCATION: ELEVATION: Existing: 1,216' Proposed: 1,189' WATERSHED: Middle Island Creek QUADRANGLE: West Union  
 DISTRICT: West Union Antero COUNTY: Doddridge  
 SURFACE OWNER: Midstream, LLC Four Leaf Land Company; R.S. Maxwell & Clarence E. Sigley, Sr.; Mary Agnes Phillips, et al; 2.375; 54.48; 92;  
 WINSTON LOVE FAMILY TRUST; FRANK L. BUTLER; KEY OIL COMPANY & FRANK L. BUTLER; 45.8; 45.8; 180; 56.25;  
 WV STATE RAIL AUTHORITY; MICHAEL A. SWISHER, et ux; ERNEST SPENCE SHANNON, et al 301.19; 11; 141;  
 ROYALTY OWNER: William A. Farr; James Lincoln Smith; Richard Lowther, et ux; WVDNR LEASE NO: ACREAGE: 137; 7.2; 17; 1.95  
 PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL MOD 7,600' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 19,700' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System  
 ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road  
 Denver, CO 80202 Charleston, WV 25313



| ID | TM/Par  | Owner                                  | Bk/Pg    | Acres  |
|----|---------|--|----------|--------|
| 1  | 7-18.1  | Antero Midstream, LLC                  | 346/612  | 45.8   |
| 2  | 7-18    | Antero Midstream, LLC                  | 387/708  | 116.54 |
| 3  | 7-29    | Sharon A. Gaspar                       | W113/242 | 182.67 |
| 4  | 7-18.2  | Brian D. and Patricia Sue Reed         | 392/472  | 1.34   |
| 5  | 7-18.3  | Bryan & Ronda Ash                      | 216/663  | 15.00  |
| 6  | 11-87   | Amy B. & Howard Spurlock II            | 244/522  | 8.94   |
| 7  | 11-87.1 | Amy B. & Howard Spurlock II            | 243/113  | 5.94   |
| 8  | 11-9    | Shelia Jane Lynch Buck, et al          | W8/35    | 56.25  |
| 9  | 11-7.1  | Michael A. & Vivian L. Swisher         | 219/617  | 3.50   |
| 10 | 11-14   | Rhoda Rene Fitzsimmons, et al          | 272/89   | 5.12   |
| 11 | 11-93   | Rhoda Rene Fitzsimmons, et al          | 272/89   | 0.11   |
| 12 | 11-16   | Rhoda Rene Fitzsimmons, et al          | 272/89   | 19.72  |
| 13 | 11-24   | Clarence Ray Bonnell, et al            | 105/317  | 15.76  |
| 14 | 11-23   | Justin E. & Melissa Ann Holtz          | 342/354  | 23.77  |
| 15 | 11-66   | Monkey Row Trailer Park LLC            | 288/26   | 0.25   |
| 16 | 11-65.1 | Monkey Row Trailer Park LLC            | 288/26   | 0.40   |
| 17 | 11-65   | Monkey Row Trailer Park LLC            | 288/26   | 0.15   |
| 18 | 11-64   | Monkey Row Trailer Park LLC            | 288/26   | 0.96   |
| 19 | 11-63   | Monkey Row Trailer Park LLC            | 288/26   | 0.73   |
| 20 | 11-62   | Monkey Row Trailer Park LLC            | 288/26   | 0.35   |
| 21 | 11-61   | W. Randall Lynch & Dixie Craig         | 315/477  | 0.34   |
| 22 | 11-60   | Ralph & Pamela Cutright                | 376/34   | 0.33   |
| 23 | 11-59   | Ralph & Pamela Cutright                | 376/34   | 0.33   |
| 24 | 11-58   | Janet M. Esposito, et al               | W37/536  | 0.62   |
| 25 | 11-57   | Patrick H. Bonnell                     | 248/582  | 0.32   |
| 26 | 11-56   | Robert O. Bonnell                      | 229/184  | 0.30   |
| 27 | 11-55   | Robert O. Bonnell                      | 229/184  | 0.30   |
| 28 | 11-54   | Mansfield Lee Leeson                   | 282/339  | 0.29   |
| 29 | 11-53   | Shelly G. Bonnell                      | 275/367  | 0.29   |
| 30 | 11-52   | Daniel L. Friend                       | 274/34   | 0.51   |
| 31 | 11-51   | Cheryl Lynn Hall                       | W89/488  | 1.00   |
| 32 | 11-50   | Earl R. Daugherty                      | 304/415  | 1.00   |
| 33 | 11-25   | J. Charles & George J. Buff III, et al | 377/517  | 6.02   |
| 34 | 11-95   | WV Railroad Maintenance Authority      | 216/166  | 31.84  |
| 35 | 11-69.1 | Franklin L. Butler                     | 255/666  | 1.00   |
| 36 | 11-68   | Earl R. Daugherty                      | 286/205  | 5.00   |
| 37 | 11-25.1 | J. Charles & George J. Buff III, et al | 377/517  | 16.72  |
| 38 | 11-70   | Four Leaf Land Co.                     | 270/147  | 0.24   |
| 39 | 12-63   | Karen M. Ireland Family L.P.           | 235/3    | 31.50  |
| 40 | 11-80   | Karen M. Ireland Family L.P.           | 235/3    | 105.35 |
| 41 | 12-71.1 | Franklin L. Butler & Key Oil Co.       | 256/324  | 81.91  |

| Leases |                                       |
|--------|---------------------------------------|
| A      | William A. Farr                       |
| B      | William Ashburn Heirs                 |
| C      | James Lincoln Smith                   |
| D      | Roy E. Smith, et ux                   |
| E      | Richard Lowther, et ux                |
| F      | Michael A. Swisher, et ux             |
| G      | Ernest Spence Shannon, et al          |
| H      | L. Donald Cinci, III                  |
| I      | Ernest Spence Shannon, et al          |
| J      | Frank L. Butler                       |
| K      | Winston Love Family Trust             |
| L      | WVDNR                                 |
| M      | Cherly Lynn Hall                      |
| N      | James P. Pierce                       |
| O      | WV State Rail Authority               |
| P      | Mary Agnes Phillips, et al            |
| Q      | WV DOT, Division of Highways          |
| R      | Key Oil Company & Frank L. Butler     |
| S      | AMP Fund III, LP                      |
| T      | Four Leaf Land Company                |
| U      | R.S. Maxwell & Clarence E. Sigley Sr. |



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