

**Antero Resources**  
**Well No. Fender Unit 3H**  
**BHL MOD**  
**Antero Resources Corporation**



6,692' to Top Hole

4,903' to Bottom Hole

**TOP HOLE LATITUDE 39 - 30 - 00**  
**BTM HOLE LATITUDE 39 - 27 - 30**

LONGITUDE 80 - 52 - 30

10,277' to Top Hole

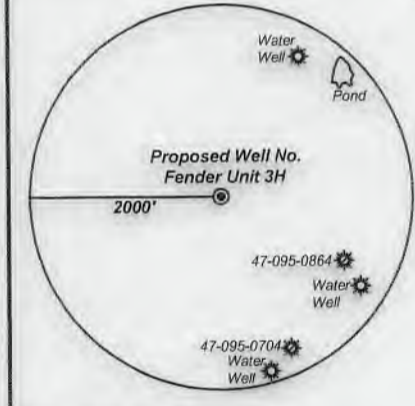
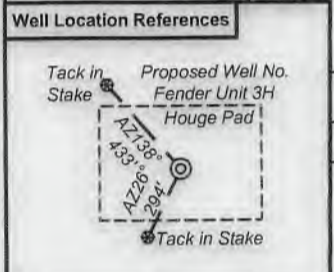
**Notes:**  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Well No. Fender Unit 3H Top Hole coordinates are  
 N: 356,912.84' Latitude: 39°28'17.41"  
 E: 1,605,316.28' Longitude: 80°53'53.32"  
 Bottom Hole coordinates are  
 N: 345,971.73' Latitude: 39°26'29.52"  
 E: 1,606,873.10' Longitude: 80°53'31.31"  
**UTM Zone 17, NAD 1983**  
 Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,369,115.596m N: 4,365,790.275m  
 E: 508,775.710m E: 509,305.645m  
 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. Fender Unit 3H  
 UTM Zone 17, NAD 1927  
 Top Hole Coordinates  
 N: 14,333,625.99'  
 E: 1,669,160.87'  
 Point of Entry Coordinates  
 N: 14,332,190.81'  
 E: 1,667,751.25'  
 Bottom Hole Coordinates  
 N: 14,322,716.14'  
 E: 1,670,899.50'

|    | Bearing    | Dist.    |
|----|------------|----------|
| L1 | S 47°21' E | 1,401.3' |
| L2 | S 26°21' E | 1,539.5' |
| L3 | N 74°37' W | 915.1'   |
| L4 | N 08°29' W | 1,436.3' |
| L5 | S 45°27' W | 2,012.3' |

**Wellhead Layout**

|   |   |
|---|---|
| ⊙ | Kramer Unit 2H (47-095-02677)               |
| ⊙ | Kramer Unit 1H (47-095-02673)               |
| ⊙ | Lancaster Unit 3H (47-095-02676)            |
| ⊙ | Lancaster Unit 2H (47-095-02675)            |
| ⊙ | Lancaster Unit 1H (47-095-02674)            |
| ⊙ | Proposed Well Fender Unit 3H (47-095-02672) |
| ⊙ | Fender Unit 2H (47-095-02671)               |
| ⊙ | Fender Unit 1H (47-095-02670)               |



Note: 3 water wells or springs were 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.



**Legend**

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

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

FILE NO: 17-54-E-19  
 DRAWING NO: Fender Unit 3H Well Plat  
 SCALE: 1" = 1500'  
 MINIMUM DEGREE OF ACCURACY: Submeter  
 PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

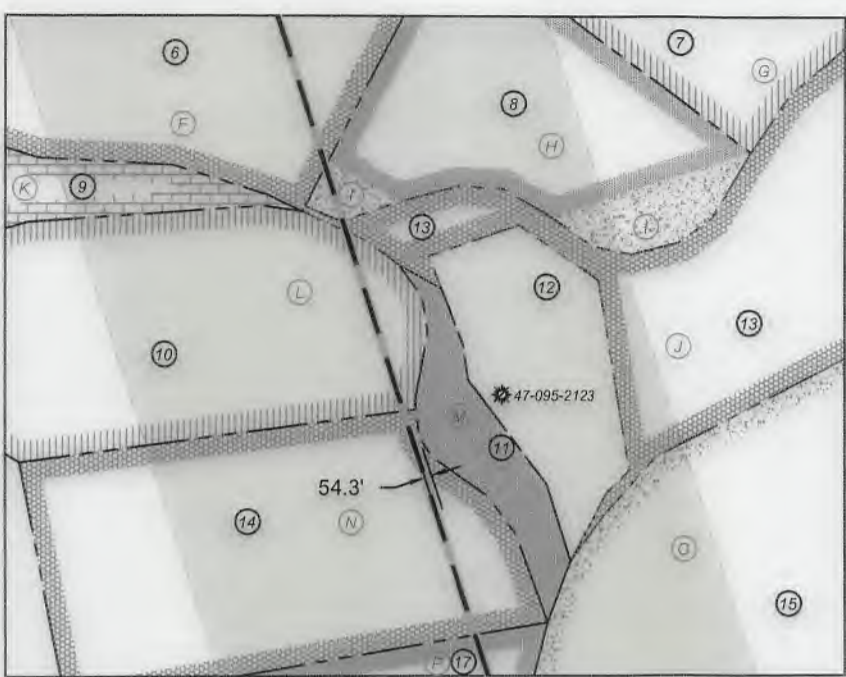
**STATE OF WEST VIRGINIA**  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
**OIL AND GAS DIVISION**

DATE: February 11 2020  
 OPERATOR'S WELL NO. Fender 3H  
 API WELL NO  
 47 - 095 - 02672  
 STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 LOCATION: ELEVATION: Existing 1,033' Proposed 1,014.5' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Middlebourne  
 DISTRICT: Ellsworth COUNTY: Tyler  
 SURFACE OWNER: Michael J. & Melinda R. Hogue Ridgetop Capital, LP; Donald H. Lancaster, et ux; Jay Bee Royalty, LLC; Anthony Matthew Goffi Irrevocable Trust; Clarence W. Mutschelknaus, et al; Denny L. Palmer, et ux; Eric D. Westbrook, et ux; Douglas J. Wince; ACREAGE: 192  
 ROYALTY OWNER: Michael J. & Melinda R. Hogue; David L. Lancaster, et ux; Ryan L. Walton, et ux(3); LEASE NO: ACREAGE: 191.5; 18.89; 35.9  
 PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL MOD 6,900' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 19,500' 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





| Leases |  |
|--------|--|
| A      | Michael J. & Melinda R. Hogue          |
| B      | James F. Doan, et ux                   |
| C      | David L. Lancaster, et ux              |
| D      | David L. Lancaster, et ux              |
| E      | Ryan L. Walton, et ux                  |
| F      | Ryan L. Walton, et ux                  |
| G      | James F. Doan, et ux                   |
| H      | James F. Doan, et ux                   |
| I      | Ryan L. Walton, et ux                  |
| J      | Ridgetop Capital, LP                   |
| K      | James Fallucco                         |
| L      | Denny L. Palmer, et ux                 |
| M      | Jay-Bee Royalty, LLC                   |
| N      | Eric D. Westbrook, et ux               |
| O      | Anthony Mathew Goffi Irrevocable Trust |
| P      | Clarence W. Mutschelknaus, et al       |
| Q      | Jay-Bee Royalty                        |
| R      | Jay Bee Royalty                        |
| S      | Merle G. Reed                          |
| T      | Douglas J. Wince                       |
| U      | Donald H. Lancaster, et ux             |
| V      | Janet L. Dieng                         |
| W      | BRC Appalachian Minerals I, LLC        |
| X      | J&N Enterprises, LLC                   |
| Y      | Ray E. Adkins, et ux                   |

| ID | TM/Par   | Owner                             | Bk/Pg   | Acres  |
|----|----------|-----------------------------------|---------|--------|
| 1  | 20-108   | Michael K. & Melinda R. Hogue     | 343/404 | 192.00 |
| 2  | 20-107   | David L. & Kathy A. Lancaster     | 314/344 | 18.89  |
| 3  | 20-104   | David Lancaster                   | 210/505 | 57.004 |
| 4  | 26-21    | Ryan Lee & Melinda Jo. Walton     | 342/687 | 35.9   |
| 5  | 26-46.5  | Richard Doty                      | 493/673 | 13.14  |
| 6  | 26-22    | Ryan Lee & Melinda Jo. Walton     | 342/687 | 36.5   |
| 7  | 26-46.4  | Timothy F. & Jasmine Y. Kanz      | 415/716 | 8.1    |
| 8  | 26-46.11 | Ryan L. & Melinda J. Walton       | 332/342 | 6.43   |
| 9  | 26-19.5  | James Fallucco                    | 361/260 | 8.603  |
| 10 | 26-19.11 | Denny L. & Sheila Palmer          | 352/100 | 9.40   |
| 11 | 26-19.9  | Jay-Bee Oil & Gas Inc.            | 420/93  | 1.496  |
| 12 | 26-46.24 | Jay-Bee Oil & Gas Inc.            | 420/93  | 3.059  |
| 13 | 26-46    | Jay-Bee Production Co.            | 420/97  | 286.39 |
| 14 | 26-19.4  | Eric D. & Wendy R. Westbrook      | 352/420 | 9.36   |
| 15 | 26-45    | Anthony M.Goffi Irrevocable Trust | 353/683 | 52.90  |
| 16 | 26-44    | Anthony M.Goffi Irrevocable Trust | 353/683 | 39     |
| 17 | 26-26.1  | William Alan Marich               | 337/629 | 57.223 |
| 18 | 26-49    | Anthony M.Goffi Irrevocable Trust | 353/683 | 130.75 |
| 19 | 26-43    | C.W. Red Est., et al              | 234/156 | 36.08  |
| 20 | 26-42    | Charles Junior Reed               | 241/288 | 13     |
| 21 | 26-41    | C.W. Reed Est.                    | 30/487  | 1      |
| 22 | 26-40    | C.W. Reed Est.                    | 234/156 | 2.75   |
| 23 | 26-39    | Rosa B. Reed Est.                 | 234/156 | 8.17   |
| 24 | 26-37    | Scott College                     | 309/299 | 60.23  |
| 25 | 26-38    | Anthony M.Goffi Irrevocable Trust | 355/688 | 100    |
| 26 | 29-7     | WV DNR                            | 227/141 | 7.5    |
| 27 | 29-8     | WV DNR                            | 227/141 | 133    |
| 28 | 29-9     | WV DNR                            | 227/141 | 59     |
| 29 | 3-2      | WV DNR                            | 227/141 | 30.06  |
| 30 | 3-1      | WV DNR                            | 227/141 | 309.55 |
| 31 | 3-3      | Edward R. & Susan P. Adkins       | 362/245 | 100    |

FILE NO: 17-54-E-19  
 DRAWING NO: Fender Unit 3H 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: February 11 2020  
 OPERATOR'S WELL NO. Fender 3H  
 API WELL NO  
 47 - 095 - 02672  
 STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 Proposed 1,014.5'  
 LOCATION: ELEVATION: Existing 1,033' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Middlebourne  
 DISTRICT: Ellsworth Ridgetop Capital, LP; Donald H. Lancaster, et ux; Jay Bee Royalty, LLC; COUNTY: Tyler 100; 310.393; 5.4  
 SURFACE OWNER: Michael J. & Melinda R. Hogue Janet L. Dieng; BRC Appalachian Minerals I, LLC; James F. Doan, et ux; 100; 7.50; 151.625;  
 ROYALTY OWNER: Michael J. & Melinda R. Hogue; David L. Lancaster, et ux; Ryan L. Walton, et ux(3); Denny L. Palmer, et ux; Eric D. Westbrook, et ux; Douglas J. Wince; ACREAGE: 192 164.91; 47.5; 60.23;  
 PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION 9.36; 302.89875;  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL MOD 36.5; 1.03; 9.40;  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 19,500' MD 191.5; 18.89; 35.9

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