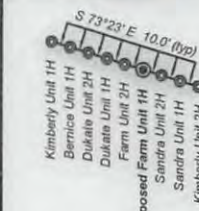


9,139' to Bottom Hole

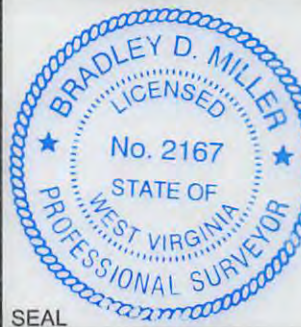
Antero Resources Well No. Farm Unit 1H Antero Resources Corporation

| Bearing       | Dist.    |
|---------------|----------|
| L1 S 73°20' E | 1,262.4' |
| L2 N 74°46' E | 823.9'   |
| L3 N 43°14' W | 898.5'   |
| L4 N 52°52' W | 999.5'   |
| L5 N 79°14' E | 993.5'   |

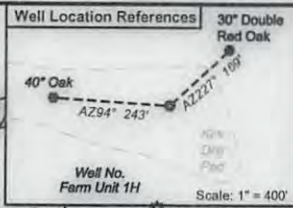


Detail Not to Scale

- Legend**
- Proposed gas well
  - Found corner, as noted
  - Found Well, as noted
  - Surface boundary (approx.)
  - Interior surface tracts (approx.)
  - Existing Road
  - Creek or Drain



Scale: 1" = 2000'



1,852' to Top Hole Bottom Hole LATITUDE 39 - 12 - 30 Top Hole LATITUDE 39 - 15 - 00

| Tag | TM / Par  | Parcel Owner                     | Bk / Pg     | Acres |
|-----|-----------|----------------------------------|-------------|-------|
| 1   | 7 / 29    | James L. Dukala                  | 211 / 292   | 80.50 |
| 2   | 7 / 41    | Richard L. & Donna R. Campbell   | 222 / 634   | 16.40 |
| 3   | 7 / 42    | William W. Nicholas              | 152 / 719   | 13.00 |
| 4   | 7 / 43    | Martha M. & Blaine E. Devericks  | 163 / 590   | 10.00 |
| 5   | 7 / 43.1  | Martha M. & Blaine E. Devericks  | 163 / 590   | 28.00 |
| 6   | 8 / 25.5  | Leo G. & Martha L. King          | 260 / 596   | 0.71  |
| 7   | 8 / 25    | Pamela Clevenger                 | WB 40 / 199 | 1.16  |
| 8   | 8 / 25.3  | John K. & Mary J. Davis          | 200 / 338   | 66.17 |
| 9   | 10 / 9.1  | Kenneth A. Kirk                  | 267 / 652   | 46.05 |
| 10  | 10 / 9    | Kenneth A. Kirk                  | 267 / 652   | 18.50 |
| 11  | 10 / 17.5 | Rae D. & Thomas A. Johnson Sr.   | 274 / 606   | 36.40 |
| 12  | 10 / 10.1 | Adam L. Swentzel                 | 273 / 121   | 1.09  |
| 13  | 10 / 17.6 | Demetrius Travis                 | 233 / 370   | 5.76  |
| 14  | 10 / 17.1 | Meredith A. & Patrick S. Manning | 271 / 632   | 1.59  |
| 15  | 10 / 17.9 | Joshua D. Powell                 | 261 / 238   | 1.07  |
| 16  | 10 / 17.4 | Joshua D. & Chastly L. Powell    | 250 / 351   | 1.38  |
| 17  | 11 / 5    | Robert B. & Evelyn M. Hughes     | 253 / 633   | 25.00 |
| 18  | 11 / 16   | Kimberly Ann Lopez, et al        | 257 / 457   | 38.30 |
| 19  | 11 / 22.1 | Sandra K. Richards               | WB 26 / 32  | 35.80 |
| 20  | 11 / 22   | Sandra K. Richards               | WB 26 / 32  | 23.00 |
| 21  | 11 / 23   | Paul D. & Lee K. Hutson          | 273 / 682   | 50.79 |
| 22  | 11 / 7    | John K. & Mary Jo Davis          | 250 / 506   | 72.00 |
| 23  | 15 / 2.1  | Larry B. & Patricia A. Jenkins   | 190 / 601   | 11.70 |

|     |                                 |  |
|-----|---------------------------------|--|
| U   | ARAC - Osburn                   | Donald E. Osburn, et ux  |
| T   | ARAC - Guy Brown                | Guy R. Brown, et ux  |
| S   | p/o Third Party - Mutschelknaus | Gary R. Brown, et ux   |
| R   | No Lease Found                  | White Space, p/o 4-10-24 & p/o 4-10-25                                 |
| Q   | DV011298, DV000792              | Domion Exploration & Production Inc. 70 Ac., Ora Virginia White 70 Ac. |
| P   | DAD37927/001                    | Cecil E. Knight, et ux   |
| N   | ARAC - Knight, et al            | Opal B. Knight   |
| Tag | Lease                           | Lesscr   |

|     |                      |   |
|-----|----------------------|---|
| M   | ARAC - Jessie Knight | Jessie Knight, et al  |
| L   | ARAC - Devericks     | Blaine W. Devericks, et ux Memorandum of Oil & Gas 4-7-43, 43.1 |
| K   | ARAC - Broome        | Ed Broome Inc. Memorandum of Oil & Gas p/o 4-10-24, p/o 4-10-25 |
| J   | ARAC - Welch         | Mary Maxine Welch p/o 4-10-10.1, 1.09 Ac.                       |
| H   | ARAC - Welch         | Mary Maxine Welch p/o 4-10-10, 68.16 Ac.                        |
| G   | ARAC - Welch         | Mary Maxine Welch p/o 4-10-10, 31.628 Ac.                       |
| F   | DAD37999/004         | Cecil E. Knight, et ux  |
| E   | DAD35254             | Pauline M. Coltrill & Margaret H. Vincent                       |
| D   | ARAC - Ford          | Darrell Ford, et ux, et al                                      |
| C   | ARAC - Carder        | Hillis Perkins, et al   |
| B   | 010278               | Joseph B. & S.H. Carder   |
| A   | ARAC 4-15-3          | Avery Gaskins, et ux  |
| Tag | Lease                | Lesscr  |

**Notes:**  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Well No. Farm Unit 1H Top Hole coordinates are  
 N: 264,929.25 Latitude: 39°13'20.10"  
 E: 1,691,355.31 Longitude: 80°35'21.98"  
 Bottom Hole coordinates are  
 N: 254,772.62 Latitude: 39°11'40.23"  
 E: 1,695,691.73 Longitude: 80°34'25.34"  
**UTM Zone 17, NAD 1983**  
 Top Hole Coordinates: Bottom Hole Coordinates:  
 N: 4,341,530.414m N: 4,338,458.231m  
 E: 535,455.275m E: 536,827.968m  
 Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.

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 rules issued and prescribed by the Department of Environment Protection.  
 Bradley D. Miller, P.S. 2167

FILE NO: 316-30-G-12  
 DRAWING NO: 316-12 Farm Unit 1H  
 SCALE: 1" = 1600'  
 MINIMUM DEGREE OF ACCURACY: Submeter  
 PROVEN SOURCE OF ELEVATION: WVDOT, Bridgeport, WV

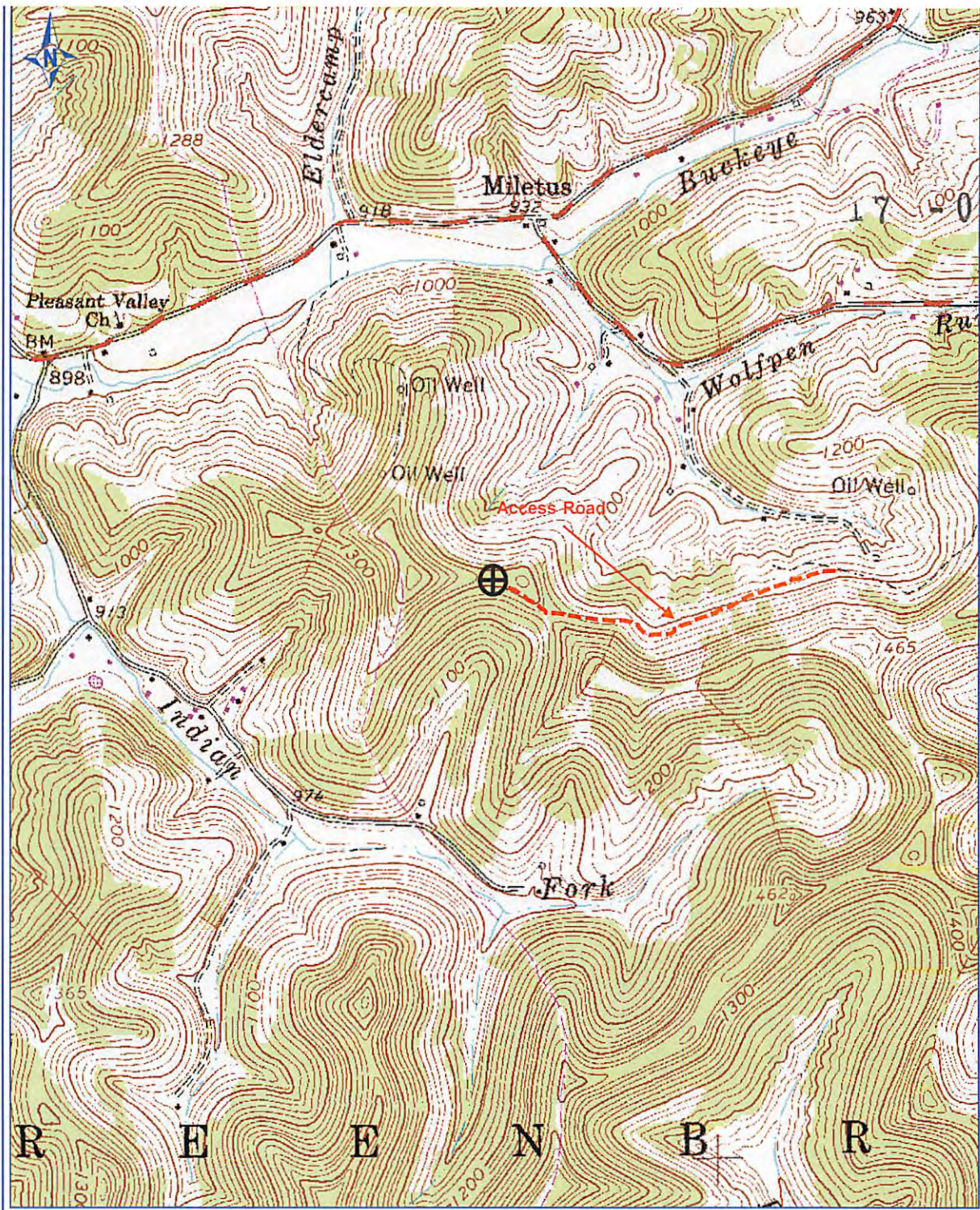
STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL AND GAS

DATE: July 15 20 13  
 OPERATOR'S WELL NO. Farm Unit 1H  
 API WELL NO  
 47 - 017 - 06361 H6A  
 STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 LOCATION: ELEVATION: 1297' WATERSHED: Big Isaac Creek QUADRANGLE: Big Isaac 58.08  
 DISTRICT: Greenbier Rodney Russell Martin, Memorandum of Oil & Gas; COUNTY: Doddridge 92; 70; 68.16;  
 SURFACE OWNER: Homer Leroy Floyd James Romel; Mark & Teresa Freeman; DV019229; ACREAGE: 54.25 31.628;124;  
 OIL & GAS ROYALTY OWNER: Mary Maxine Welch (2); N.J. & G.A. Jackson LEASE #: DV011410; DV011358; ACREAGE: 51; 85.25;  
 PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) TVD 7,500'  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: MD 18,900'

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System  
 ADDRESS: 1625 17th Street ADDRESS: 5400 D Big Tyler Road  
 Denver, CO 80202 Charleston, WV 25313

10/04/2013



Plat spotted  
CPL

06361

PETRA 5/1/2013 4:09:35 PM

## Antero Resources Corp

APPALACHIAN BASIN

Farm Unit 1H

Doddridge County

REMARKS  
 QUADRANGLE: BIG ISAAC  
 WATERSHED: BIG ISAAC CREEK  
 DISTRICT: GREENBRIER

By: ECM

Received

AUG 30 2013

Office of Oil and Gas  
 WV Dept. of Environmental Protection