



FILE NO: 236-30-G-12  
 DRAWING NO: As-Drilled White 1H Well  
 SCALE: 1" = 1200'  
 MINIMUM DEGREE OF ACCURACY: Submeter  
 PROVEN SOURCE OF ELEVATION: WV DOT, Bridgeport, WV

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

DATE: March 30 2015  
 OPERATOR'S WELL NO. White Unit 1H  
 API WELL NO  
 47 - 017 - 06182  
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION: Existing Grade - 975'      WATERSHED: Headwaters Middle Island Creek      QUADRANGLE: Big Isaac  
 DISTRICT: Greenbrier      Richard E. & Pauline M. Cottrill & Margaret H. Vincent; Isaac Eddy, et ux and James Romine;      DAD35254;      COUNTY: Doddridge  
 SURFACE OWNER: Wilma J. Marsden      Alastair B. & Edith Park Martin; Loretta Marsh, et vir, et al;      L012454 and DV011162;      ACREAGE: 386      46;  
 ROYALTY OWNER: M.T. Williams, et al; Okey Clark, et ux; Homer L. Ford; Ora Virginia White      LEASE NO: 003636; DAD37957/002      ACREAGE: 350; 57; 100; 221

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      7.062' TVD  
 DEPTH: 16,559' 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

| Bearing       | Distance |
|---------------|----------|
| L1 N 49°56' E | 1,338.4' |
| L2 N 43°15' E | 617.1'   |
| L3 N 00°53' E | 415.3'   |
| L4 N 17°42' W | 567.5'   |

**Notes:**  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Well No. White Unit 1H Top Hole coordinates are  
 N: 274,021.62'      Latitude: 39°14'49.65"  
 E: 1,688,794.44'      Longitude: 80°35'55.93"  
 Bottom Hole coordinates are  
 N: 264,897.17'      Latitude: 39°13'19.74"  
 E: 1,691,060.52'      Longitude: 80°35'25.72"  
**UTM Zone 17, NAD 1983**  
 Top Hole Coordinates      Bottom Hole Coordinates  
 N: 4,344,287.396m      N: 4,341,519.143m  
 E: 534,628.905m      E: 535,365.629m  
 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 coordinates verified by survey grade GPS. 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.

| Tag | TM/PAR | OWNER                                | BK / PG  | AC.    |
|-----|--------|--------------------------------------|----------|--------|
| 26  | 7/42   | William W. Nicholas                  | 152/719  | 13.00  |
| 25  | 7/14.9 | Barbara L. & Charles W. Wellings Jr. | 266/588  | 9.12   |
| 24  | 7/12-2 | Jeffrey A. & Penelope B. Mills       | 166/378  | 1.66   |
| 23  | 7/44   | Kenneth Kirk (Parcel 2, Tract 3)     | 267/652  | 20.02  |
| 22  | 8/34   | Gregory M. & Tessa M. Pigg           | 281/276  | 0.83   |
| 21  | 8/34.1 | D. Duane & Leah L. Perkins           | 273/298  | 0.14   |
| 20  | 7/14.5 | Melvin W. & Louise Morris            | 237/172  | 0.59   |
| 19  | 7/14.4 | Phoonsombat Smith                    | 271/219  | 1.01   |
| 18  | 8/33   | D. Duane & Leah Perkins              | 227/200  | 1.10   |
| 17  | 7/46   | Charles W. Jr. & Barbara L. Wellings | 203/229  | Lot #7 |
| 16  | 7/30   | Robert Marshall & Vernie Mae Hilling | 280/347  | -      |
| 15  | 7/7.4  | Robert W. & Loretta C. Kelley        | 279/590  | 0.96   |
| 14  | 7/31   | Timothy J. & Julie Goldsmith         | 273/126  | 3.76   |
| 13  | 7/14.3 | Judy D. Martin (Tract 2)             | 204/518  | 1.27   |
| 12  | 7/14.1 | Murray Hill Energy Inc.              | 279/257  | 20.0   |
| 11  | 4/9.1  | James M. & Cathy Sue Clark           | 179/777  | 1.50   |
| 10  | 7/7.2  | Danny R. Flanagan                    | WB42/409 | 0.73   |
| 9   | 7/14.6 | Shawn K. & Penny J. Dahlheimer       | 249/217  | 1.54   |
| 8   | 7/51   | Trustees of the Eddy Cemetery Assoc. | 249/650  | 1.70   |
| 7   | 7/14.8 | William & Lanita Stewart             | 281/311  | 1.00   |
| 6   | 7/50   | Green Meadow Sewage Treat. Plant     | 220/449  | -      |
| 5   | 7/47   | Judith K. Mohr & Rocky L. Romanello  | 254/459  | Lot #6 |
| 4   | 7/49   | Howard & Muel Van Buren              | 191/192  | Lot #4 |
| 3   | 7/48   | Carrie J. & William J. Curran II     | 273/399  | Lot #5 |
| 2   | 7/7.1  | Ronald E. & Julie C. Clevenger       | 257/249  | 0.74   |
| 1   | 4/9.2  | Rodney L. & Crystal D. Clark         | 226/334  | 0.85   |
| Tag | TM/PAR | OWNER                                | BK / PG  | AC.    |

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

