

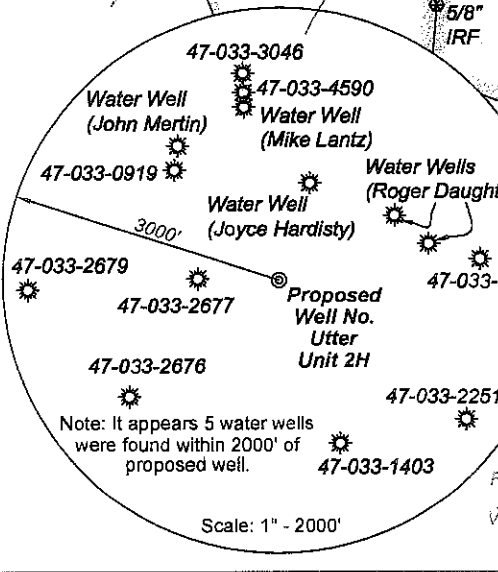
**Antero Resources**  
Well No. Utter Unit 2H  
**Antero Resources**  
**Appalachian Corporation**

Bearing	Dist.
L1 S 88°58' E	892.0'
L2 S 25°57' E	955.0'
L3 S 14°00' E	1084.4'
L4 N 63°35' W	872.8'
L5 N 01°12' E	604.5'

**Notes:**  
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
Well No. Utter Unit 2H Top Hole coordinates are  
N: 255,563.34' Latitude: 39°11'50.22"  
E: 1,714,660.08' Longitude: 80°30'24.54"  
Bottom Hole coordinates are  
N: 264,230.75' Latitude: 39°13'15.61"  
E: 1,712,205.75' Longitude: 80°30'56.95"  
**UTM Zone 17, NAD 1983**  
Top Hole Coordinates Bottom Hole Coordinates  
N: 4,338,795.494m N: 4,341,423.574m  
E: 542,602.755m E: 541,811.027m  
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 the regulations issued and prescribed by the Department of Environmental Protection.

*Dwayne D. Matheny*  
**Dwayne D. Matheny, P.S. 2070**



FILE NO: 197-36-U-12  
DRAWING NO: 197-12 Utter Unit 2H  
SCALE: 1" = 1000'  
MINIMUM DEGREE OF ACCURACY: Submeter  
PROVEN SOURCE OF ELEVATION: WVDOT, Bridgeport, WV

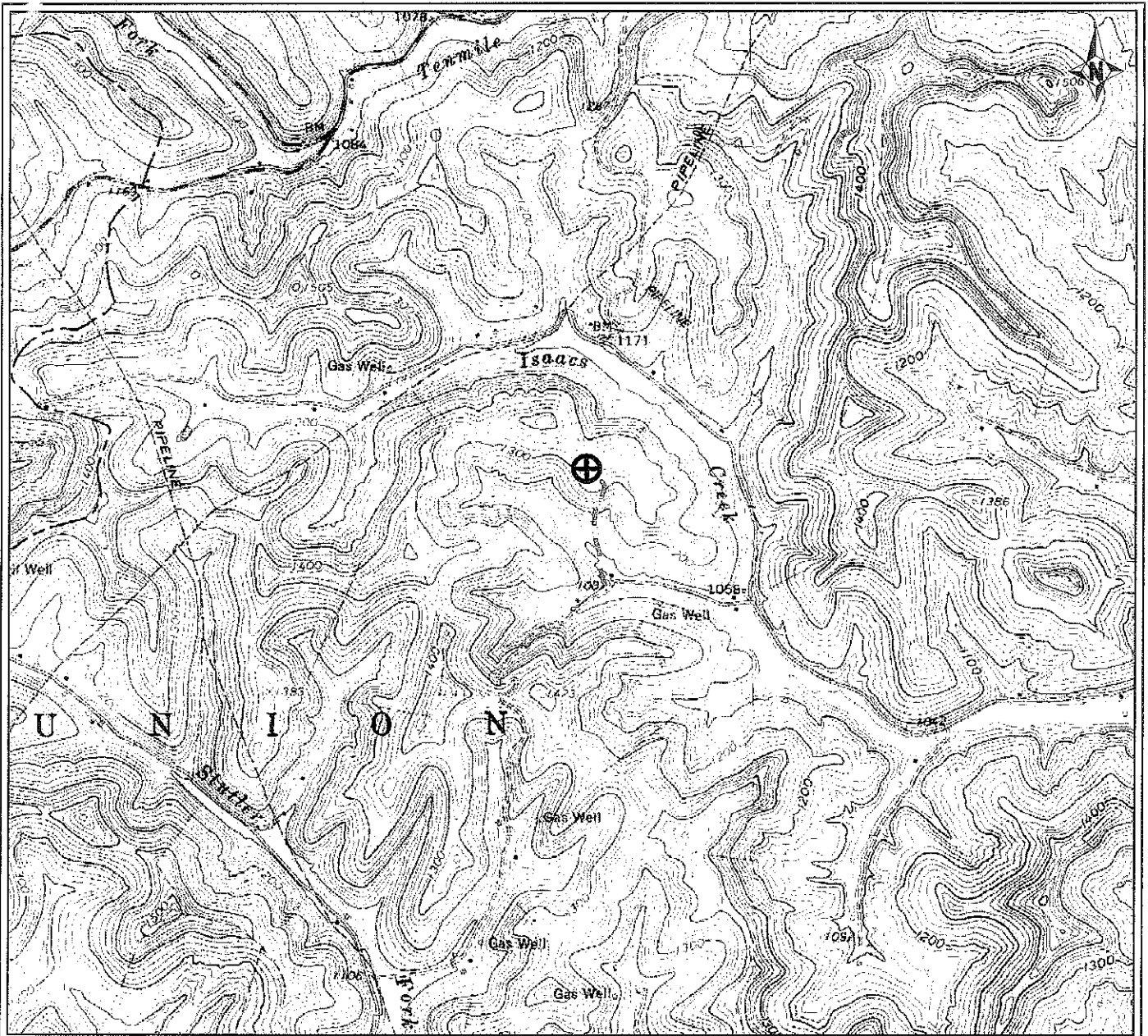
**STATE OF WEST VIRGINIA**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
**OIL AND GAS DIVISION**

DATE: July 20 2012  
OPERATOR'S WELL NO. Utter Unit 2H  
API WELL NO  
47 - 033 - 0546846A  
STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
(IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
LOCATION: ELEVATION: 1358' WATERSHED: Isaacs Creek QUADRANGLE: Big Isaac  
DISTRICT: Union COUNTY: Harrison  
SURFACE OWNER: Antero Resources Stephen Bennett, et ux DAD36726; 21669  
Appalachian Corp. James A. & Miriam C. Utter, Harold Gaines, et al; Helen Marie Swiger DAD86157; 44523  
Oil & Gas Royalty Owner: Lovie M. & Forman E. Dawson; Velma F. Westfall & Mary W. Westfall DAD65614/001; 022569 ACREAGE: 98.69 190  
Virgil A. Sinclair, et al; Edna Mae McCall, et al; Violet Lee Rodney DAD18997; DAD1907 1.066; 120  
LEASE #: 47-033-2251 DAD19126; DAD19149 ACREAGE: 139; 76; 95; 7.15; 76  
PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 7,500' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 16,400' MD

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

09/28/2012



PETRA 7/26/2012 12:13:00 PM

**Antero Resources Corporation**

APPALACHIAN BASIN

Quinn Pad

Utter Unit 2H

Harrison County

REMARKS  
 QUADRANGLE: BIG ISAAC  
 WATERSHED: ISAACS CR./W FORK RIVER  
 DISTRICT: UNION



July 26, 2012

*Handwritten notes:*  
 10/26/2012  
 AUG 03 2012  
 WOOD COUNTY