

**Tax Map 403 Parcels**

Par	Owner	Bk/Pg	Acres
1 13	Sharon M. Perry	WB152/93	47.23

**Tax Map 383 Parcels**

Par	Owner	Bk/Pg	Acres
2 37	James Wickenhofer, et ux	970/240	0.85
3 10.1	Ronald R. Lynch	1072/59	0.94
4 14	Ellen M. Dan Washbourne	1102/626	30.00

**Tax Map 363 Parcels**

Par	Owner	Bk/Pg	Acres
5 62	Rebecca D. Roth	1372/740	33.90

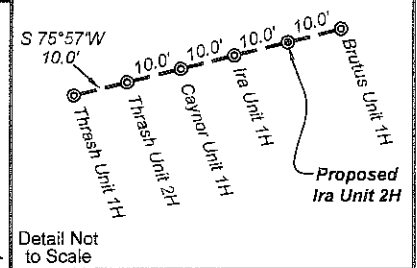
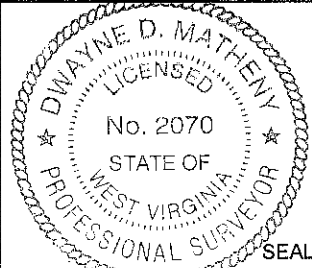
**Notes:**  
**West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.**  
 Well No. Ira Unit 2H Top Hole coordinates are  
 N: 255,076.89' Latitude: 39°11'46.24"  
 E: 1,722,254.92' Longitude: 80°28'48.00"  
 Bottom Hole coordinates are  
 N: 261,545.01' Latitude: 39°12'49.95"  
 E: 1,720,217.89' Longitude: 80°29'14.78"  
**UTM Zone 17, NAD 1983**  
 Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,338,685.851m E: 4,340,646.045m  
 E: 544,919.027m N: 544,265.806m  
 Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.

Bearing	Distance
L1 S 45°11' W	990.5'
L2 S 01°57' W	1287.5'
L3 S 76°14' E	2315.4'
L4 S 84°48' E	1346.8'



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: 105-36-U-11  
 DRAWING NO: 105-11 Ira Unit 2H  
 SCALE: 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY: Submeter  
 PROVEN SOURCE OF ELEVATION: CORS Glenville, WV

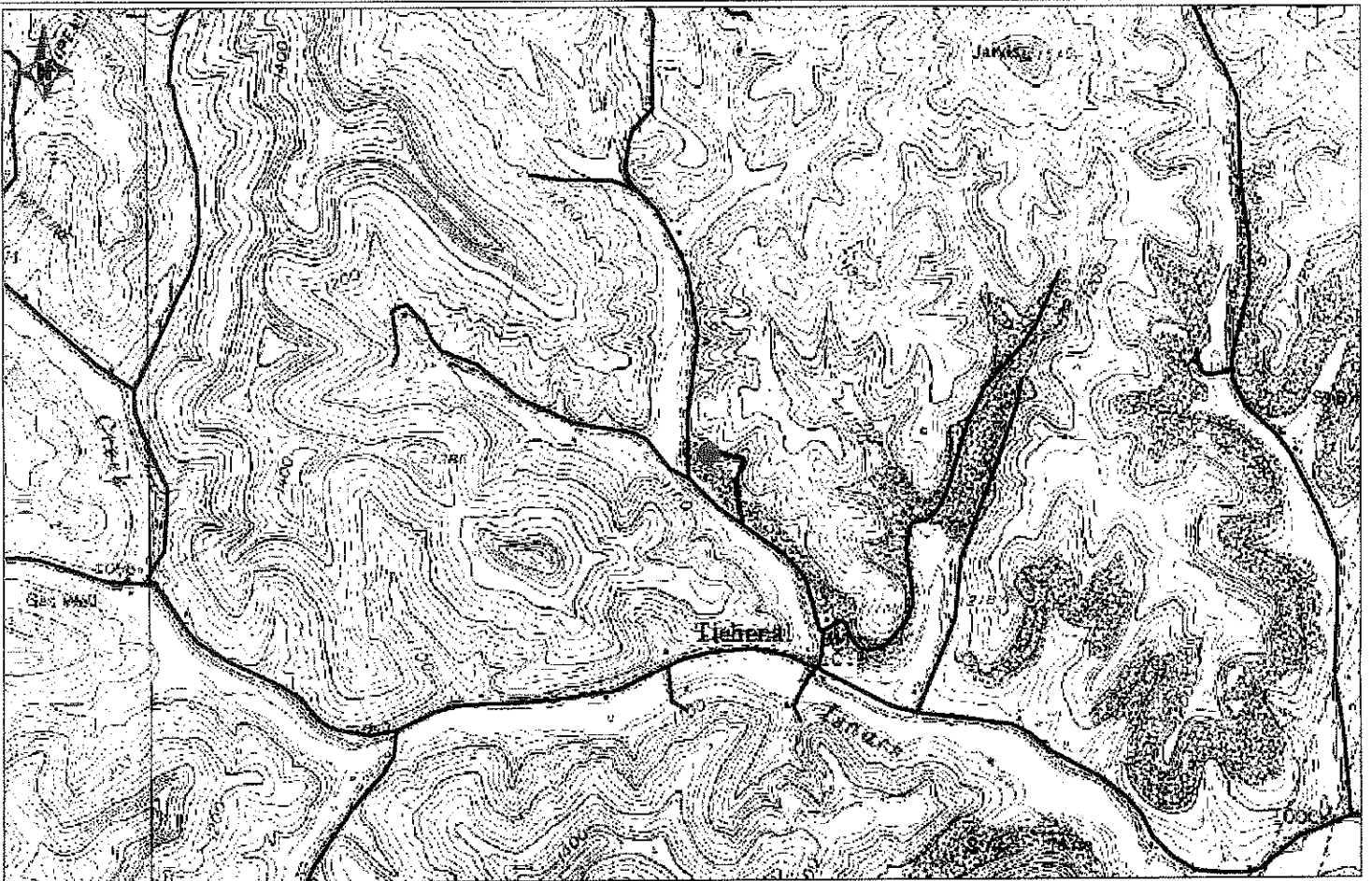
**STATE OF WEST VIRGINIA**  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
**OIL AND GAS DIVISION**

DATE: June 18, 2012  
 OPERATOR'S WELL NO. Ira Unit 2H  
 API WELL NO. 47-033-0400  
 STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 LOCATION: ELEVATION: 1089' WATERSHED: West Fork River QUADRANGLE: West Milford  
 DISTRICT: Union COUNTY: Harrison  
 SURFACE OWNER: Consolidation Coal Co. W.A. Law, et ux; Waldo B. Brown, et ux; Simon S. Stutler; ACREAGE: 45.1 26 & 13 Poles 120;  
 ROYALTY OWNER: Karen Smith (Trustee for Travis Ray Bruce); Ira C. Bennett, et ux; LEASE NO: 005904; 052829; ACREAGE: 44.3; 157; 200;  
 PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: TVD 7,000' MD 15,000'  
 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

33-05661



RECEIVED  
Office of Oil & Gas  
JUN 22 2012  
WV Department of  
Environmental Protection

Antero Resources Corporation
APPALACHIAN BASIN
Ira Unit 2H Harrison County
0 2,000 4,000 FEET
REMARKS QUADRANGLE: WEST MILFORD WATERSHED: WEST FORK RIVER DISTRICT: UNION
Date: 5/3/2012

09/28/2012