

2,313' to Top Hole

LATITUDE 39 - 15 - 00

LONGITUDE 80 - 27 - 30

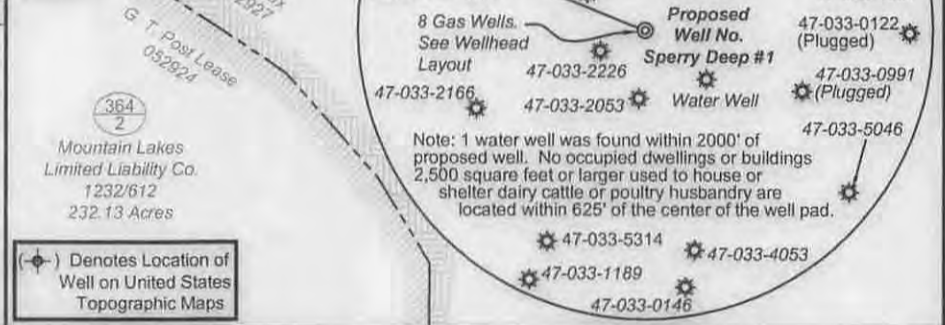
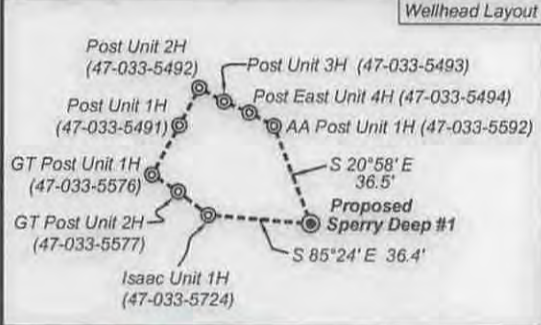
4,362' to Top Hole

**Notes:**  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Well No. Sperry Deep #1 Top Hole coordinates are  
 N: 270,251.00' Latitude: 39°14'16.65"  
 E: 1,726,291.60' Longitude: 80°27'58.80"  
**UTM Zone 17, NAD 1983**  
 Top Hole Coordinates  
 N: 4,343,329.189m  
 E: 546,071.802m  
 Plat orientation and corner and well references are based upon the grid north meridian.  
 Well location references are based upon the magnetic meridian.

**Antero Resources**  
**Well No. Sperry Deep #1**  
**Antero Resources Corporation**

Line	Bearing	Distance
L1	S 77°32' W	2004.2'
L2	N 67°25' E	546.1'
L3	N 26°38' E	1559.1'
L4	N 08°22' E	707.6'

- Legend**
- Proposed gas well
  - Found corner, 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: 62-36-U-15  
 DRAWING NO: Sperry Deep #1 Well Plat  
 SCALE: 1" = 600'  
 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: June 30 2015  
 OPERATOR'S WELL NO. Sperry Deep #1  
 API WELL NO  
 47 - 033 - 5868B  
 STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 LOCATION: ELEVATION: Original Grade - 1168' Existing Grade - 1168' WATERSHED: Middle West Fork River QUADRANGLE: West Milford  
 DISTRICT: Union COUNTY: Harrison ACREAGE: 87.10  
 SURFACE OWNER: Clarence E. Sperry ROYALTY OWNER: Mary Lou Smith LEASE NO: 052934 ACREAGE: 291.5  
 PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) UIC  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Huntersville & Oriskany ESTIMATED DEPTH: 7,800' TVD

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

