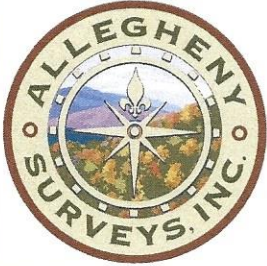


**Antero Resources**  
**Well No. Ringnus 1H**  
**As-Drilled**  
 Antero Resources Corporation

PAGE 1 of 2

10,419' to Top Hole

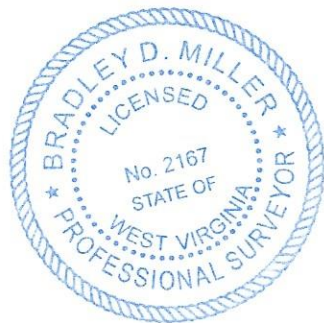
5,246' to Bottom Hole  
 TOP HOLE LATITUDE 39 - 35 - 00  
 BTM HOLE LATITUDE 39 - 37 - 30



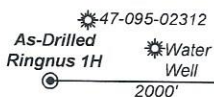
Top Hole Coordinates, As-drilled data, and information was provided by Antero Resources Corporation. Allegheny Surveys Inc. (ASI) is not certifying the data and information provided. ASI is not responsible for any errors or inaccuracies with the data and information that has been provided.

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



Note: 1 water well were found within 2000' of proposed well. No occupied dwellings or buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad.



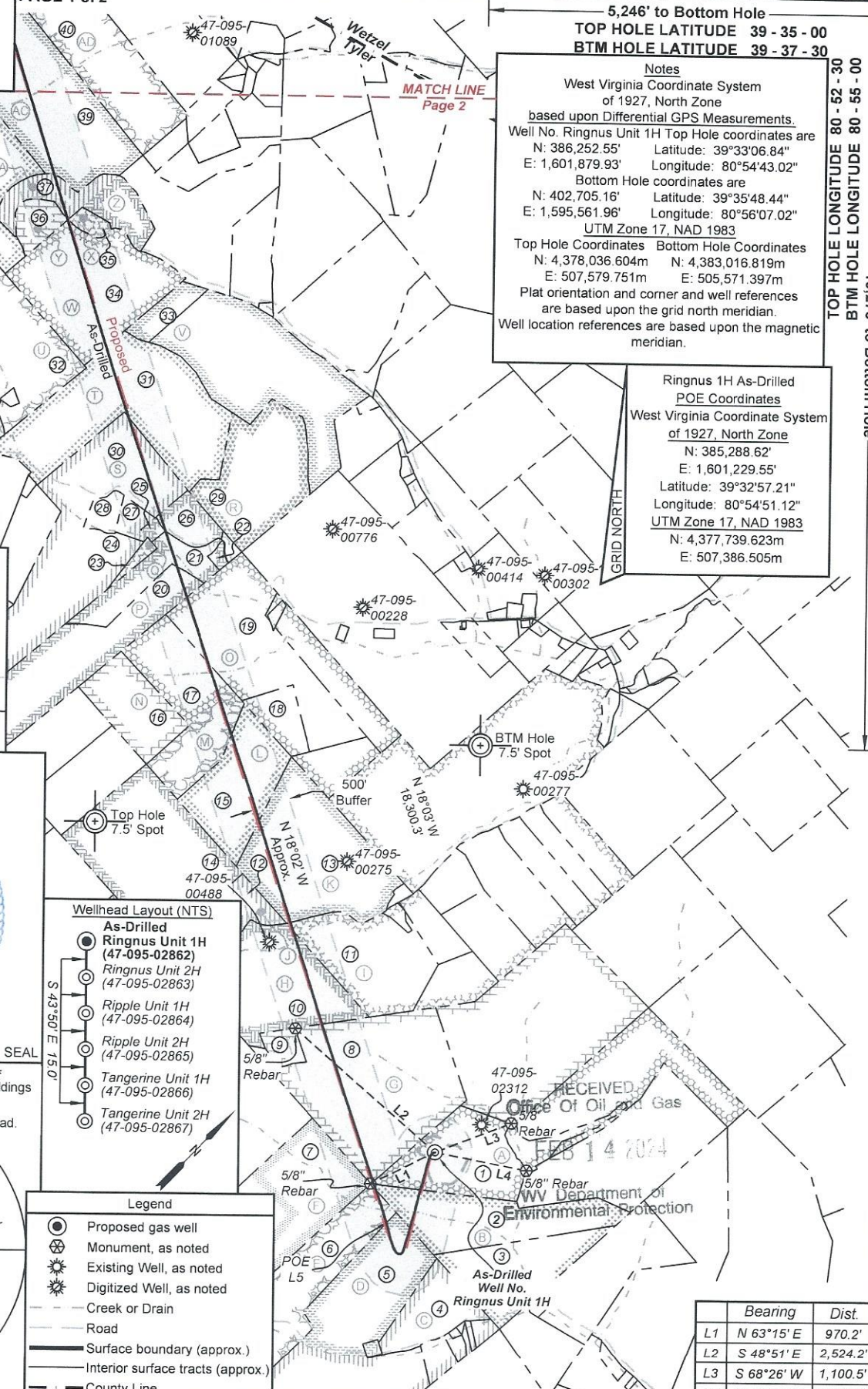
**Wellhead Layout (NTS)**

- As-Drilled Ringnus Unit 1H (47-095-02862)
- Ringnus Unit 2H (47-095-02863)
- Ripple Unit 1H (47-095-02864)
- Ripple Unit 2H (47-095-02865)
- Tangerine Unit 1H (47-095-02866)
- Tangerine Unit 2H (47-095-02867)

- Legend**
- Proposed gas well
  - ⊗ Monument, as noted
  - ☀ Existing Well, as noted
  - ☀ Digitized Well, as noted
  - Creek or Drain
  - Road
  - Surface boundary (approx.)
  - Interior surface tracts (approx.)
  - County Line

**Notes**  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Well No. Ringnus Unit 1H Top Hole coordinates are  
 N: 386,252.55' Latitude: 39°33'06.84"  
 E: 1,601,879.93' Longitude: 80°54'43.02"  
 Bottom Hole coordinates are  
 N: 402,705.16' Latitude: 39°35'48.44"  
 E: 1,595,561.96' Longitude: 80°56'07.02"  
 UTM Zone 17, NAD 1983  
 Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,378,036.604m N: 4,383,016.819m  
 E: 507,579.751m E: 505,571.397m  
 Plat orientation and corner and well references are based upon the grid north meridian.  
 Well location references are based upon the magnetic meridian.

Ringnus 1H As-Drilled POE Coordinates  
 West Virginia Coordinate System of 1927, North Zone  
 N: 385,288.62'  
 E: 1,601,229.55'  
 Latitude: 39°32'57.21"  
 Longitude: 80°54'51.12"  
 UTM Zone 17, NAD 1983  
 N: 4,377,739.623m  
 E: 507,386.505m



	Bearing	Dist.
L1	N 63°15' E	970.2'
L2	S 48°51' E	2,524.2'
L3	S 68°26' W	1,100.5'
L4	N 79°05' W	1,258.4'

FILE NO: 20-54-L-18  
 DRAWING NO: Ringnus 1H As-Drilled Plat  
 SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: Submeter  
 PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

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

DATE: January 17 20 24  
 OPERATOR'S WELL NO. Ringnus 1H  
 API WELL NO  
 47 - 95 - 02862  
 STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 LOCATION: ELEVATION: As-Built 1,007' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Paden City  
 DISTRICT: Lincoln COUNTY: Tyler  
 SURFACE OWNER: David E. Bowyer  
 ROYALTY OWNER: Timothy L. VanCamp; Tamara M. Reynolds; Martha Hayes, et vir, David Mooney Carmichael; LEASE NO: ACREAGE: 85.785  
 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 ESTIMATED DEPTH: 25,009' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Kevin Ellis  
 ADDRESS: 1615 Wynkoop Street ADDRESS: 535 White Oaks Blvd.  
 Denver, CO 80202 Bridgeport, WV 26330

