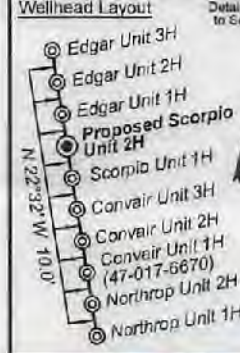


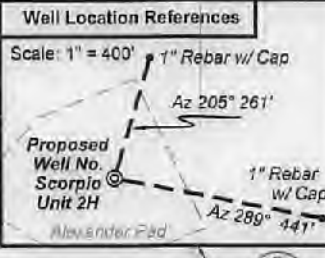
**Antero Resources**  
**Well No. Scorpio Unit 2H**  
**Antero Resources Corporation**

Bearing	Dist.
L1 N 83°51'W	338.0'
L2 N 43°40'W	795.1'
L3 N 64°18'W	676.9'
L4 S 37°32'W	1062.3'
L5 S 72°36'E	1215.3'



- Legend**
- ⊙ Proposed gas well
  - ⊛ Found corner, as noted
  - - - Creek or Drain
  - - - Existing Road
  - - - Surface boundary (approx.)
  - - - Surface tracts (approx.)
  - ⊛ Well (as noted)
  - ⊛ Well (plugged)

Note: It appears 9 water wells 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 925' of the center of the well pad.



**Notes:**  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Well No. Scorpio Unit 2H Top Hole coordinates are N: 306,969.34' Latitude: 39°20'08.81" E: 1,639,243.30' Longitude: 80°46'31.67"  
 Bottom Hole coordinates are N: 315,463.61' Latitude: 39°21'32.25" E: 1,635,634.43' Longitude: 80°47'19.15"  
**UTM Zone 17, NAD 1983**  
 Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,364,072.918m N: 4,356,642.348m  
 E: 519,365.567m E: 518,222.948m  
 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 rules issued and prescribed by the Department of Environmental Protection.

*Kenneth J. Plum*  
**Kenneth J. Plum, P.S. 2218**

**Notes:**  
 Well No. Scorpio Unit 2H UTM Zone 17, NAD 1927  
 Top Hole Coordinates  
 N: 14,284,272.87' E: 1,703,904.58'  
 Point of Entry Coordinates  
 N: 14,284,303.31' E: 1,703,568.04'  
 Bottom Hole Coordinates  
 N: 14,292,702.62' E: 1,700,155.80'

Par.	Bk/Pg	Acres	TM 4 Surface Owner(s)
1	7	270/415	245.38 Donley Kent Shultz & Jeannette L. Lowther Shultz
2	9	282/181	7.16 Scott Adams, Gregory Adams, David Adams, & Jennifer Adams McFall
3	10	282/181	7.91
4	2	282/181	0.90
5	17.1	299/145	20.44 Bryan Edwin & Patricia Natalie Hagedorn
6	17	256/621	19.70 David P. & Melissa A. Smith
7	32.1	349/322	20.0 Andy H. & Carlie Kurtz
8	24	248/254	35.34 Karen Ann Smith
9	32	241/412	43.94 Matthew W. Alexander & Linda Marie Muhly
10	16	248/254	26.01 Karen Ann Smith
11	30	211/302	30.50 Kathryn J. Sisler, et al

**Lease Table**

A	Cheries Williams by Randy Williams, A.I.F. Lease
B	John Yutzy Lease
C	Delbert Ray Ash Lease



FILE NO: 41-30-WU-14  
 DRAWING NO: Scorpio 2H Well Plat 11-16  
 SCALE: 1" = 1200'  
 MINIMUM DEGREE OF ACCURACY: Submeter  
 PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

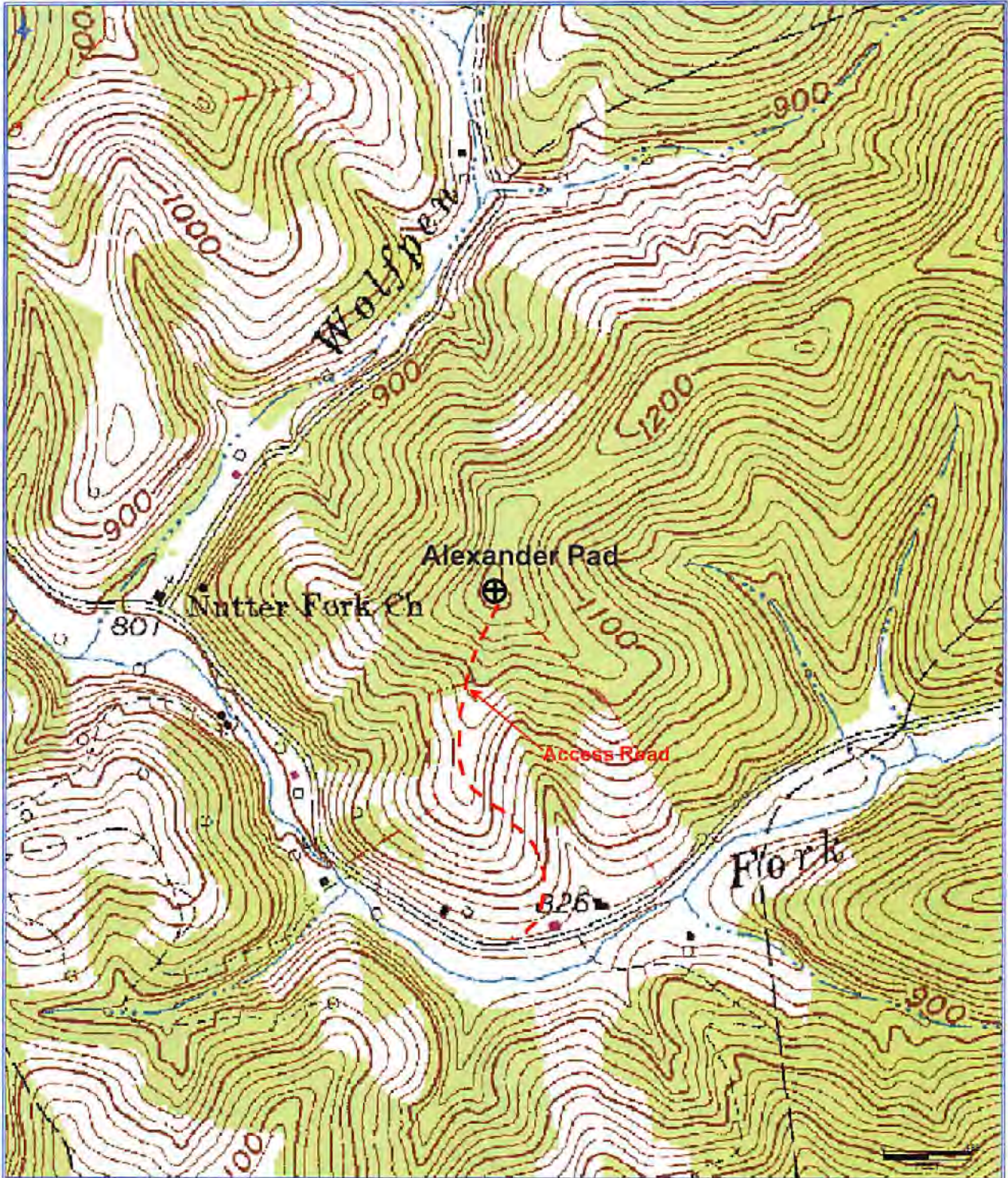
**STATE OF WEST VIRGINIA**  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
**OIL AND GAS DIVISION**

DATE: January 4, 2017  
 Operator's Well No. Scorpio Unit 2H  
 API WELL NO: 47-017-01861  
 STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 LOCATION: ELEVATION: Existing Grade - 1201' Proposed Grade - 1151' WATERSHED: Headwaters Middle Island Creek QUADRANGLE: West Union  
 DISTRICT: West Union COUNTY: Doddridge  
 SURFACE OWNER: Matthew W. Alexander & Linda Marie Muhly John Yutzy, Lourie Smith, Clarence W. Mutschelknaus, et ux, Larry Williams, Joseph R. Corathers, et ux, H. Ross Swiger, et ux, Bonnie J. Underwood (2), Pauline Arndt, et vir ACREAGE: 43.94, 45.38, 7.16, 59, 19.5, 7  
 ROYALTY OWNER: Charles Clarence Hittal III (Memorandum), Charles Williams by Randy Williams, A.I.F. LEASE NO: ACREAGE: 84.25, 31, 115, 67  
 PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  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: 17,200' MD

WELL OPERATOR: Antero Resources Corporation DESIGNED AGENT: Dianna Stamper - CT Corporation System  
 ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road  
 Denver, CO 80202 Charleston, WV 25313





**Antero Resources Corporation**  
Appalachian Basin  
Scorpio Unit 2H  
Doddridge County  
Quadrangle: West Union  
Watershed: Middle Island Creek  
District: West Union  
Date: 6-2-2014

RECEIVED  
Office of Oil and Gas  
JUL 10 2017  
WV Department of  
Environmental Protection