

1,514' to Bottom Hole

4,091' to Top Hole

LATITUDE 39 - 20 - 00

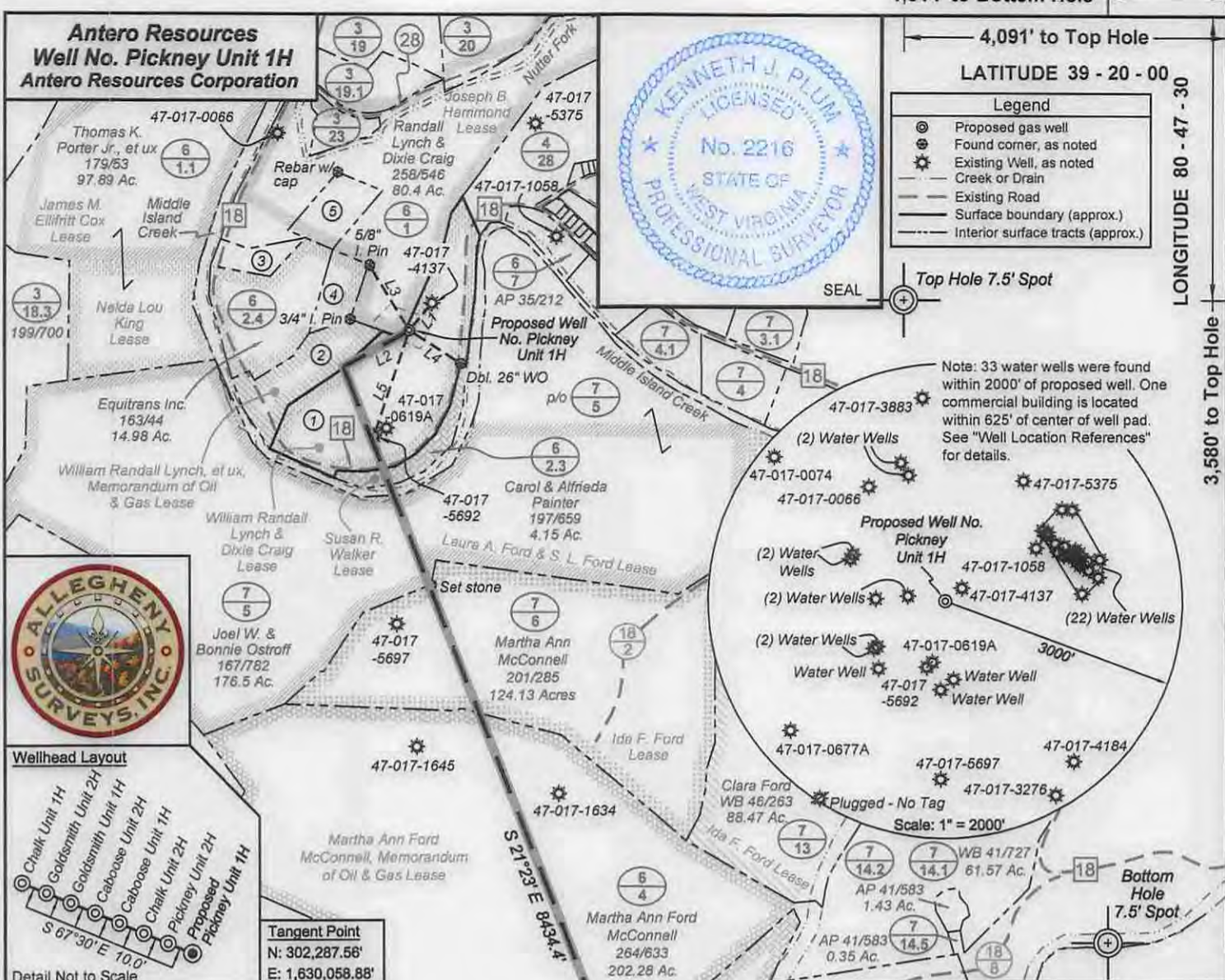
LONGITUDE 80 - 47 - 30

**Antero Resources**  
**Well No. Pickney Unit 1H**  
**Antero Resources Corporation**



**Legend**

- ⊙ Proposed gas well
- ⊙ Found corner, as noted
- ⊙ Existing Well, as noted
- Creek or Drain
- Existing Road
- Surface boundary (approx.)
- Interior surface tracts (approx.)



**Wellhead Layout**



**Tangent Point**  
N: 302,287.56'  
E: 1,630,058.88'

**Notes:**  
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
Well No. Pickney Unit 1H Top Hole coordinates are  
N: 302,562.90' Latitude: 39°19'24.03"  
E: 1,630,557.29' Longitude: 80°48'21.40"  
Bottom Hole coordinates are  
N: 294,433.98' Latitude: 39°18'04.06"  
E: 1,633,134.68' Longitude: 80°47'47.11"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates Bottom Hole Coordinates  
N: 4,352,686.268m N: 4,350,222.901m  
E: 516,741.768m E: 517,568.284m  
Plat orientation and corner and well references are based upon the grid north meridian.  
Well location references are based upon the magnetic meridian.

	Bearing	Dist.
L1	S 39°59' W	267.4'
L2	S 61°05' W	569.4'
L3	S 31°34' E	572.2'
L4	N 57°22' W	464.9'
L5	N 18°33' E	842.5'

TMP/Par	Bk / Pg	Acres	Owner(s)	
1	6/2	214 / 279	32.19	William Randall Lynch & Dixie Janet Craig
2	6/2.5	253 / 222	8.66	
3	6/2.8	305 / 419	2.68	
4	6/2.6	266 / 36	3.52	Dominion Field Services, Inc.
5	6/1.3	305 / 416	4.68	Equitrans, L.P.
6	7/20	AP 41/583	50.0	Elizabeth Anne Spencer, et al

**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. 2216**

FILE NO: 238-30-WU-14  
DRAWING NO: 238-14 Pickney 1H Plat  
SCALE: 1" = 1200'  
MINIMUM DEGREE OF ACCURACY: Submeter  
PROVEN SOURCE OF ELEVATION: CORS, Marietta, OH

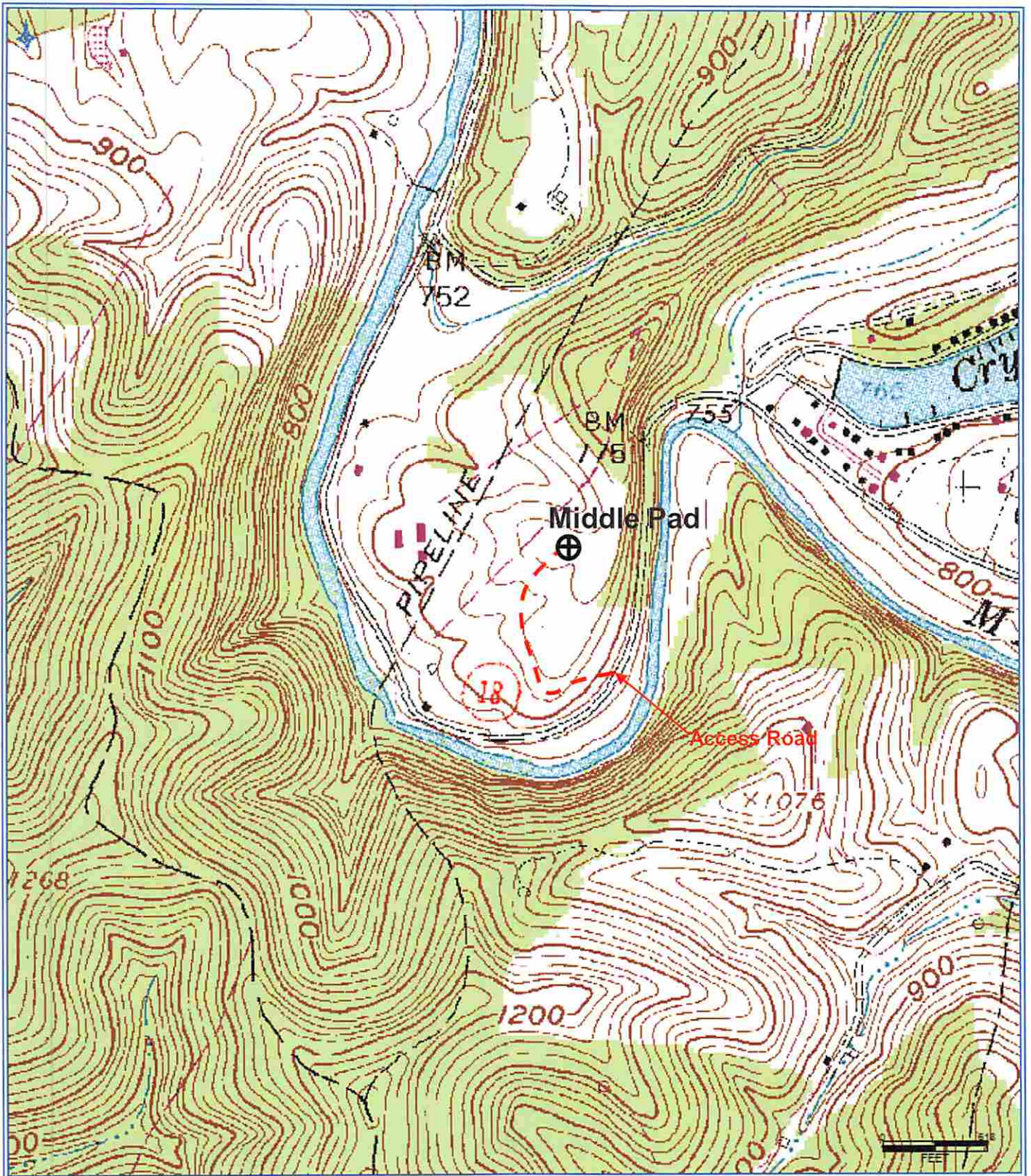
**STATE OF WEST VIRGINIA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**OIL AND GAS DIVISION**

DATE: September 29 20 14  
Operator's Well No. Pickney Unit 1H  
API WELL NO 47017011  
47 - 017 - 0111  
STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
(IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
LOCATION: ELEVATION: 863' WATERSHED: Middle Island Creek QUADRANGLE: West Union  
DISTRICT: West Union COUNTY: Doddridge  
SURFACE OWNER: William Randall Lynch & Dixie Janet Craig ACREAGE: 32.19 82.21; 20.49 8.66; 202.28; 102.85  
ROYALTY OWNER: Clarence Mutschelknaus; Laura A. Ford & S. L. Ford; Ida F. Ford; Alice H. Maxwell LEASE NO: ACREAGE: 180; 124; 420; 32.15  
PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 6,600' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 16,000' MD

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

01/16/2015



**Antero Resources Corporation**  
Appalachian Basin  
Pickney Unit 1H  
Doddridge County

Quadrangle: West Union  
Watershed: Middle Island Creek  
District: West Union  
Date: 5-15-2014