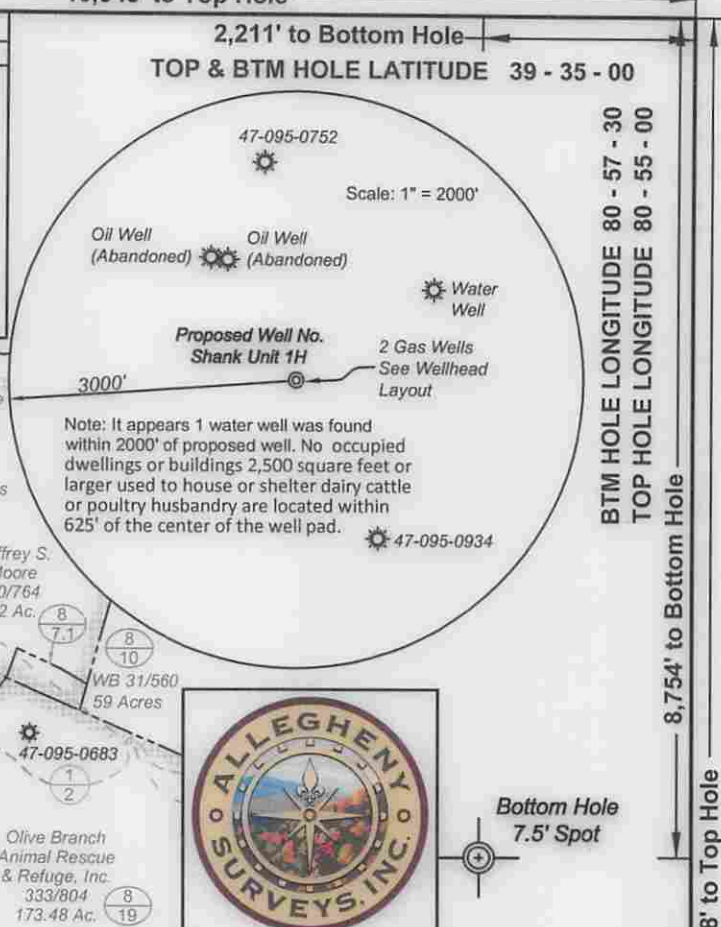


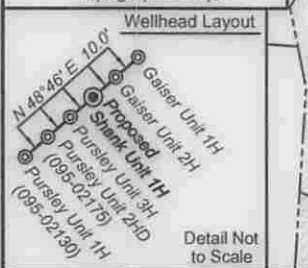
**Antero Resources**  
**Well No. Shank Unit 1H**  
**Antero Resources**  
**Corporation**

Line	Bearing	Dist.
L1	S 28°31'E	1332.1'
L2	S 21°56'E	1237.0'
L3	S 75°02'W	1277.4'
L4	N 11°10'E	784.2'
L5	S 77°45'W	1255.3'

Tax Map 8 Owners				
Par.	Owner	Bk. Pg.	Acres	
1 6	Robert E. & Audrey L. Christy	346/395	0.38	
2 4	Melissa D. & David L. Robinson	368/541	14.00	
3 5	Steven E. Smith	320/488	2.12	
4 3.6	Ronald L. Jr. & Crystal K. Perine	348/722	5.48	
5 3.2	David W. Ash	359/504	3.06	
6 3	Ronald A. Reed	309/312	11.72	
7 3.4	Michael E. Reed	375/315	12.50	
8 3.3	Ronald A. Newman	314/62	5.07	
9 3.1	Marvin D. & Letitia A. Ice	311/1	4.99	
10 3.5	Russell J. Blatt II	343/677	4.91	
11 8	Olive P. Underwood	WB 21/91	0.88	
12 53	Robert D. & Virginia A. Nalley	200/53	48.10	
13 17.5	Steven C. & Carrie E. Gorrell	401/301	1.01	



(-o-) Denotes Location of Well on United States Topographic Maps



**Notes:**  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Well No. Shank Unit 1H Top Hole coordinates  
 N: 383,782.91'      Latitude: 39°32'40.52"  
 E: 1,589,781.93'      Longitude: 80°57'16.94"  
 Bottom Hole coordinates  
 N: 389,154.81'      Latitude: 39°33'33.13"  
 E: 1,586,777.46'      Longitude: 80°57'56.41"  
**UTM Zone 17, NAD 1983**  
 Top Hole Coordinates      Bottom Hole Coordinates  
 N: 4,377,222.575m      N: 4,378,843.854m  
 E: 503,906.580m      E: 502,963.970m  
 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.

*Bradley D. Miller*  
**Bradley D. Miller, P.S. 2167**

FILE NO: 229-54-L-13  
 DRAWING NO: 229-13 Shank Unit 1H  
 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: September 10 2014  
 OPERATOR'S WELL NO. Shank Unit 1H  
 API WELL NO **H6A**  
 47 - 095 - 02207  
 STATE COUNTY PERMIT

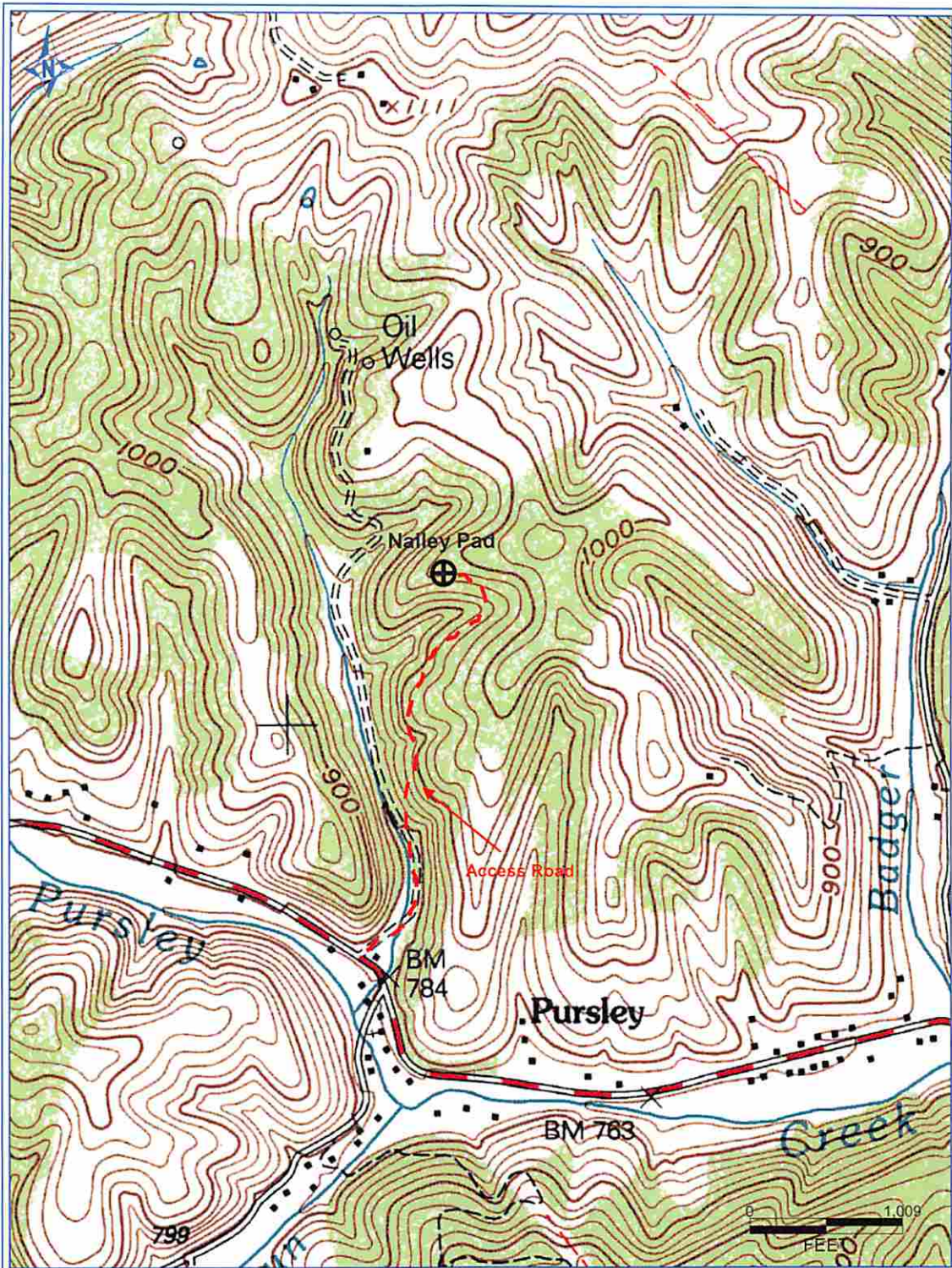
WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 LOCATION: ELEVATION: 971'      WATERSHED: Pursley Creek of the Ohio River      QUADRANGLE: Paden City  
 DISTRICT: Lincoln      Robert D. & Virginia A. Nalley      William K. Johnson, et ux      COUNTY: Tyler  
 SURFACE OWNER:      ACREAGE: 80      54.13  
 ROYALTY OWNER: Robert D. Nalley, et ux; Robert D. Nalley, et ux; Victoria Keller, et al      LEASE NO:      ACREAGE: 80; 214; 164  
 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: 6,300' TVD 12,800' 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

12/19/2014



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Received

SEP 29 2014

Office of Oil and Gas  
WV Dept. of Environmental Protection

**Antero Resources Corporation**

Appalachian Basin

Shank Unit 1H

Tyler County

Quadrangle: Paden City  
Watershed: Pursley Creek  
District: Lincoln  
Date: 8-9-2013