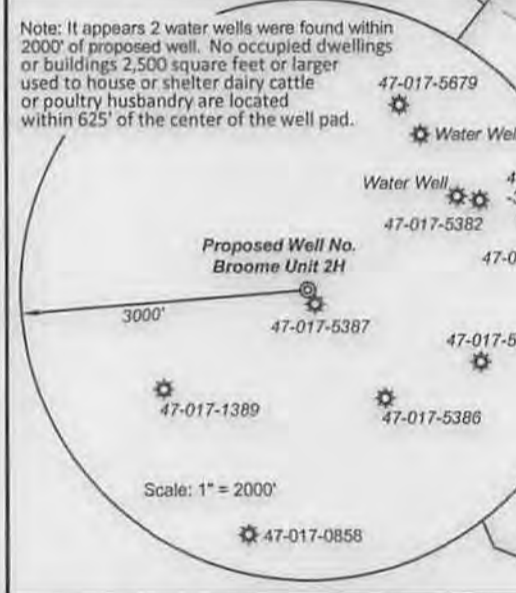


Line	Bearing	Distance
L1	S 78°58' E	467.6'
L2	S 86°20' E	896.9'
L3	S 76°45' W	1482.1'
L4	N 20°23' E	779.8'
L5	N 38°45' W	179.1'



**Notes:**  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Well No. Broome Unit 2H Top Hole coordinates are  
 N: 252,514.74 Latitude: 39°11'15.62"  
 E: 1,676,865.72 Longitude: 80°38'24.08"  
 Bottom Hole coordinates are  
 N: 243,093.97 Latitude: 39°09'42.66"  
 E: 1,678,061.38 Longitude: 80°38'07.38"  
 UTM Zone 17, NAD 1983  
 Top Hole Coordinates: N: 4,337,674.689m E: 531,104.032m  
 Bottom Hole Coordinates: N: 4,334,810.751m E: 531,516.145m  
 Plat orientation and corner and well references are based upon the grid north meridian.  
 Well location references are based upon the magnetic meridian.



Par	Owner	DB/Pg	Acres
1	14.2 Troy S. & Tonya L. Gum	241/48	2.08
2	14.1 Indian Fork Baptist Church	59/284	0.50
3	17.2 Indian Fork Baptist Church	15/411	0.30
4	15.3 Robert K. & Betty L. Swiger	260/696	0.68
5	15 Wilma J. Nicholson	236/188	2.68
6	17.1 Robert M. & Peggy Jo Nicholson	225/81	1.10
7	28.3 Wilma J. Nicholson	267/39	2.49
8	17 Edward Lee & John D. Cumpston	294/686	35.94
9	15.2 Robert K. & Betty L. Swiger	260/696	29.32
10	27 Michael Dale Nicholson	283/353	53.45
11	14 Brooks Jay Gum	206/353	17.92
12	15.1 Eric L. & DeAnna Nicholson	236/352	37.20
13	16 James F. Furby & Hannah A. Hutson	305/667	14.81
14	13 Troy S. & Tonya L. Gum	273/498	39.50

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 regulations issued and prescribed by the Department of Environmental Protection.

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



**Legend**

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

FILE NO: 63-30-NM-13  
 DRAWING NO: 63-13 Broome 2H Well  
 SCALE: 1" = 1200'  
 MINIMUM DEGREE OF ACCURACY: Submeter  
 PROVEN SOURCE OF ELEVATION: WVDOT, Bridgeport, WV

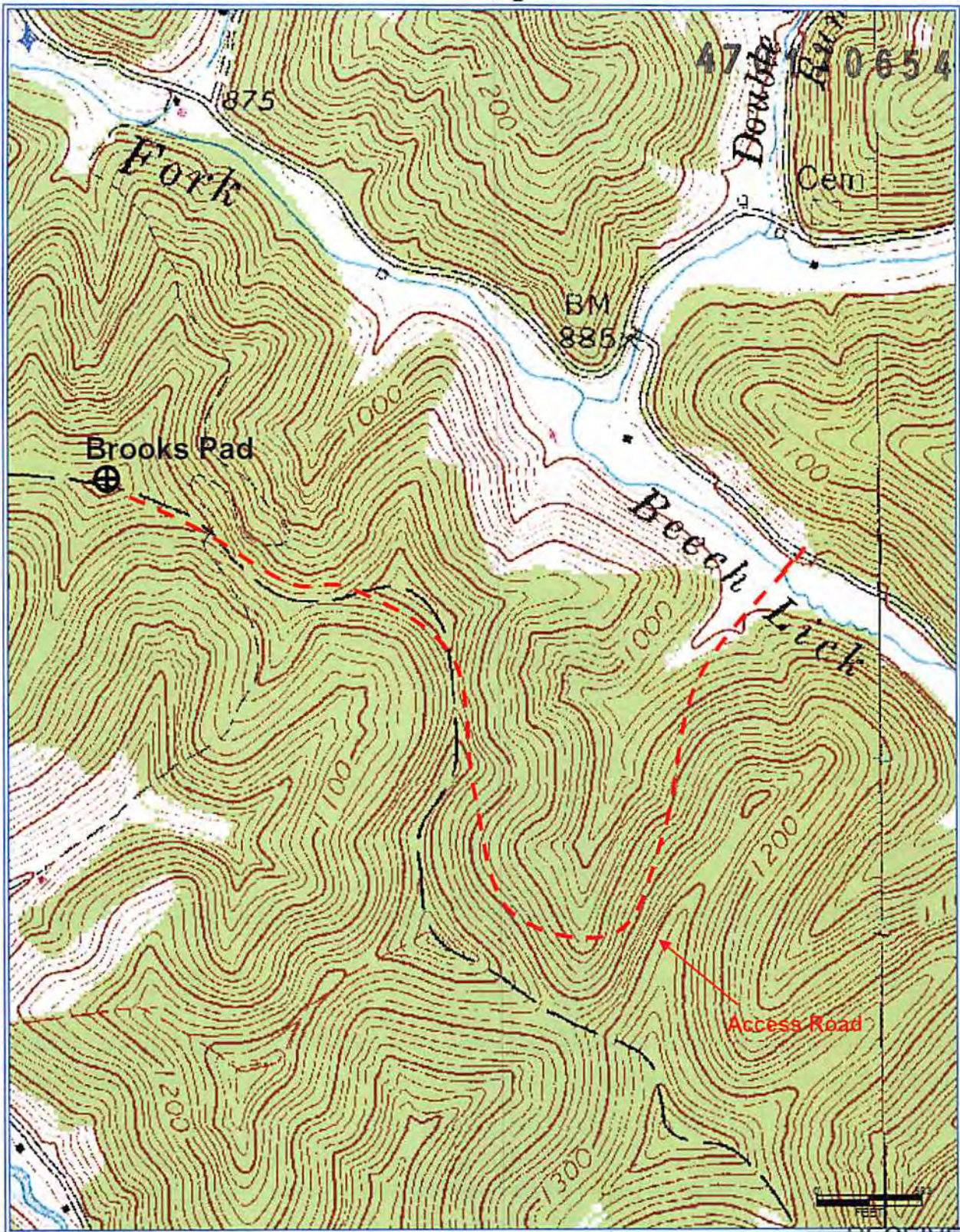
**STATE OF WEST VIRGINIA**  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL AND GAS

DATE: June 12, 2014  
 OPERATOR'S WELL NO. Broome Unit 2H  
 API WELL NO: 47-017-06544 H04  
 STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 LOCATION: ELEVATION: 1362' WATERSHED: Indian Fork QUADRANGLE: New Milton  
 DISTRICT: Greenbrier & New Milton COUNTY: Doddridge 32  
 SURFACE OWNER: S & S Ventures, LLC ACREAGE: 119 53; 112; 210  
 ROYALTY OWNER: Joyce A. Shaw Nazelrod, et al; Jeanette M. Jones; French H. Cox LEASE NO: 21782; 20207 ACREAGE: 80; 34.44; 120  
 PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TVD 7,600'  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: MD 17,800'

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

09/19/2014



RECEIVED

Office of Oil and Gas  
**Antero Resources Corporation**  
 Appalachian Basin JUN 27 2014  
 Broome Unit 2H  
 WV Department of  
 Doddridge County Environmental Protection

Quadrangle: New Milton  
 Watershed: Middle Island Creek / Meathouse Fork  
 District: New Milton / Greenbrier  
 Date: 1-2-2014