

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

Randall & Carolyn S. Stewart  
AB 12/14  
52 Acres  
GREENBRIER

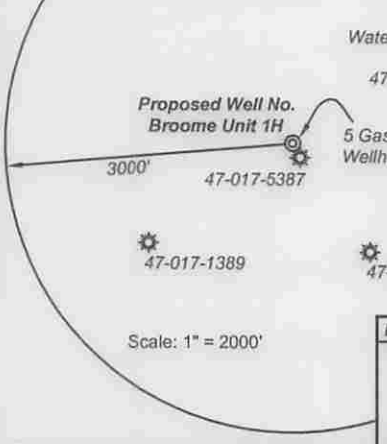
4,303' to Top Hole  
3,508' to Bottom Hole  
TOP HOLE LATITUDE 39 - 12 - 30  
BTM HOLE LATITUDE 39 - 10 - 00

(+) 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. Broome Unit 1H Top Hole coordinates are  
N: 252,526.56 Latitude: 39°11'15.74"  
E: 1,676,914.43 Longitude: 80°38'23.46"  
Bottom Hole coordinates are  
N: 242,665.55 Latitude: 39°09'38.36"  
E: 1,677,519.39 Longitude: 80°38'14.20"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates: Bottom Hole Coordinates:  
N: 4,337,678.538m N: 4,334,677.479m  
E: 531,118.811m E: 531,353.203m  
Plat orientation and corner and well references are based upon the grid north meridian.  
Well location references are based upon the magnetic meridian.

Note: It appears 2 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 625' of the center of the well pad.



**Legend**

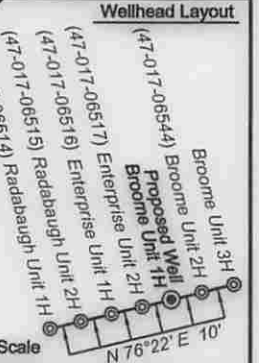
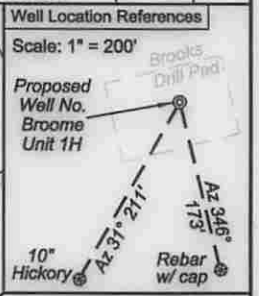
- Proposed gas well
- Found corner, as noted
- Surface boundary (approx.)
- Existing Road
- Interior surface tracts (approx.)
- Creek or Drain
- District Boundary

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

**Tax Map 20 Parcels**

Par	Owner	DB/Pq	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	26.1 Michael G. & Beverly Bailey	208/665	4.93
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
15	12 Berry Properties, LLC	256/55	39.50
16	25 James F. Furby & Hannah A. Hutson	305/667	45.50



FILE NO: 63-30-NM-13  
DRAWING NO: 63-13 Broome 1H 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

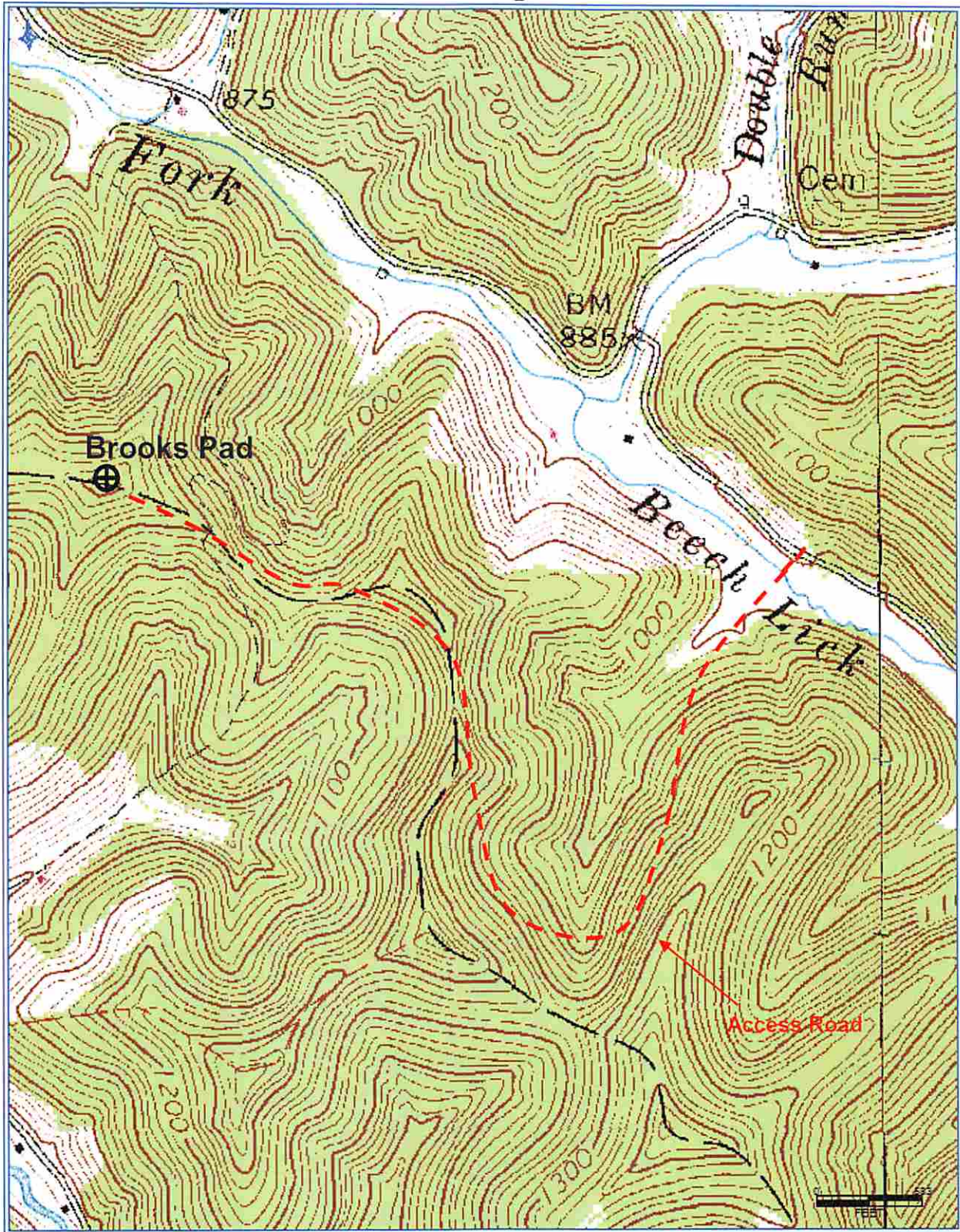
DATE: September 24 2014  
OPERATOR'S WELL NO. Broome Unit 1H  
API WELL NO: 47-017-06638  
STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION WASTE DISPOSAL  
(IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
LOCATION: ELEVATION: 1363.5' WATERSHED: Indian Fork QUADRANGLE: New Milton  
DISTRICT: Greenbrier & New Milton Ed Broome, Inc. (2) COUNTY: Doddridge 87.01  
SURFACE OWNER: S & S Ventures, LLC Franklin Maxwell Heirs Limited Partnership No. 1, LLP ACREAGE: 119 14.81; 112; 32  
ROYALTY OWNER: Joyce A. Shaw Nazelrod, et al; Jeanette M. Jones; French H. Cox 20207 ACREAGE: 80; 45; 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 17,900'

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  
Broome Unit 1H & 3H  
Dodridge County

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