

**Antero Resources**  
**Well No. Burch 1H**  
**BHL MOD**  
 Antero Resources Corporation

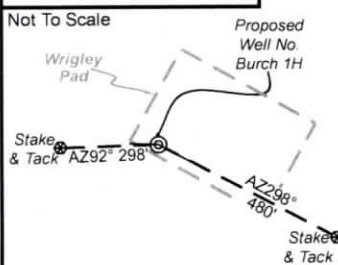
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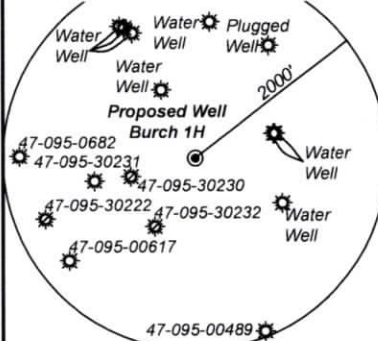
I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

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

**Well Location References**



Note: 8 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.



	Bearing	Dist.
L1	N 74°10' E	3,049.7'
L2	S 78°13' E	2,153.5'
L3	S 20°08' W	1,002.4'
L4	N 51°19' W	2,928.0'
L5	S 84°08' W	1,539.2'

**Legend**

- Proposed gas well
- Monument, as noted
- Existing Well, as noted
- Digitized Well, as noted
- Road
- Surface boundary (approx.)
- Interior surface tracts (approx.)
- District Line

9,338' to Bottom Hole

2,321' to Top Hole

TOP HOLE LATITUDE 39 - 27 - 30  
 BTM HOLE LATITUDE 39 - 30 - 00

**Notes**

West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Well No. Burch Unit 1H Top Hole coordinates are  
 N: 339,136.41' Latitude: 39°25'16.72"  
 E: 1,573,939.51' Longitude: 81°00'29.58"  
 Bottom Hole coordinates are  
 N: 354,085.23' Latitude: 39°27'43.32"  
 E: 1,567,170.45' Longitude: 81°01'59.08"  
 UTM Zone 17, NAD 1983  
 Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,363,540.099m N: 4,368,059.845m  
 E: 499,307.147m E: 497,168.897m  
 Plat orientation and corner and well references are based upon the grid north meridian.  
 Well location references are based upon the magnetic meridian.

**Notes:**

Well No. Burch Unit 1H UTM Zone 17, NAD 1927  
 Top Hole Coordinates  
 N: 14,315,334.54'  
 E: 1,638,095.97'  
 Point of Entry Coordinates  
 N: 14,315,151.69'  
 E: 1,636,568.22'  
 Bottom Hole Coordinates  
 N: 14,330,163.13'  
 E: 1,631,080.68'

**Wellhead Layout (NTS)**

- Oxbow Unit 1H (API# 47-095-02894)
- Proposed Well Burch Unit 1H (API# 47-095-02893)
- Rata Unit 1H (API# 47-095-02895)



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

FILE NO: 173-54-U-23  
 DRAWING NO: Burch Unit 1H BHL MOD  
 SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: Submeter  
 PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

DATE: June 27 20 24  
 OPERATOR'S WELL NO. Burch Unit 1H  
 API WELL NO  
 47 - 095 - 02893  
 STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION: As-Built 937' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Bens Run

DISTRICT: THL: Meade, BHL: Union COUNTY: Tyler, Putnam, Putnam

SURFACE OWNER: Shirley J. Wells & Suisse Cunningham ACREAGE: 53.85

ROYALTY OWNER: Antero Minerals, LLC LEASE NO: ACREAGE: 365.445

PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION

PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL MOD

PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 6,500' TVD 25,000' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Kevin Ellis  
 ADDRESS: 1615 Wynkoop Street ADDRESS: 535 White Oaks Blvd.  
 Denver, CO 80202 Bridgeport, WV 26330

LONGITUDE 81 - 00 - 00

13,483' to Top Hole

13,827' to Bottom Hole



Leases	
A	Roy Emmett Huffman & Linda Gay Huffman
B	Michael Scott Bonner
C	Lisa Krynaich
D	Terry & Daphne Heinzman
E	Antero Minerals, LLC
F	Clifford Benjamin & Rebecca Louise Boone
G	Bobbin E. Pardine
H	Estate of Mary Jane Stewart
I	Greenbrier Royalty Fund II, LLC
J	WVDNR
K	A.P. Allen, et ux
L	Wells Cattle Farms, Inc.
M	Greenbrier Royalty Fund II, LLC
N	Vicki Bonner
O	Bradley William Poch
P	Janelle Sue Perkins
Q	Antero Minerals, LLC
R	Inex B. Fletcher, et vir
S	Mary C. Robinson Living Trust

ID	TM/Par	Owner	Bk/Pg	Acres
1	3-9	Roy Emmett & Linda Gay Huffman	126/341	55.00
2	3-23A	David L. Bonner	WB33/171	104.00
3	3-26	Glen E. Bonner	WB33/171	13.35
4	13-36	Lisa Krynaich	566/759	165.50
5	7-14	Terry & Daphne Heinzman	262/527	61.77
6	12-12	Lisa Krynaich	566/759	20.00
7	7-23B	Frederick M. Bonner	286/474	27.33
8	7-14.1	Terry & Daphne Heinzman	262/527	30.00
9	7-15	Rebecca Louise & Clifford Benjamin Boone	348/311	9.17
10	7-13.1	Rebecca Louise & Clifford Benjamin Boone	348/317	77.25
11	7-15.1	Bobbin E. Pardine	268/516	63.60
12	7-13.2	Terry & Daphne Heinzman	342/105	42.70
13	15-16	James E. & Anita Carr	349/742	58.12
14		Middle Island Creek		
15		Middle Island Creek		
16	7-22	Forty-Four Acres, Inc.	208/134	44.50
17	4-8	Wells Cattle Farms, Inc.	331/164	155.00
18	4-19	Wells Cattle Farms, Inc.	318/190	206.13
19	4-20	Cecil E. Sr. & Linda Jordan, James & Connie Hicks	318/190	206.13
20	4-32	Wells Cattle Farms, Inc.	318/190	206.13
21	7-1	Daniel Preston Bonner	416/11	142.72
22	7-1.1	Daniel Preston Bonner	416/11	20.19
23	7-7	Janelle S. Perkins	184/378	74.08
24	12-17	Cecil E. & Betty J. Hamilton	269/58	32.38
25	7-8	John Wells	428/412	52.39
26	7-2	Shirley J. Wells & Susie Cunningham	WB41/317	53.85

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