

9,292' to Top Hole

4,381' to Bottom Hole

TOP Hole LATITUDE 39 - 27 - 30
BTM Hole LATITUDE 39 - 25 - 00

LONGITUDE 80 - 57 - 30
9,428' to Bottom Hole

14,338' to Top Hole

Antero Resources Well No. Grounds Unit 1H

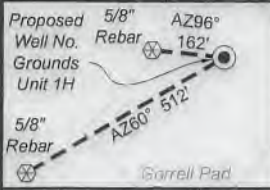
Antero Resources Corporation



Legend

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

Well Location References (NTS)



	Bearing	Dist.
L1	N 78°52' E	547.9'
L2	S 43°28' W	1,673.8'
L3	S 85°29' W	1,940.1'
L4	N 22°58' W	1,849.2'
L5	N 84°25' E	1,139.2'

Note: It appears 0 water wells and a pond were found within 2000' of proposed well. No occupied dwellings and no 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.

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, P.S. 2167

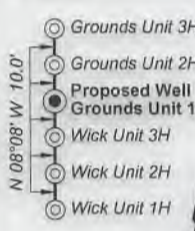


SEAL

Notes:
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Grounds Unit 1H Top Hole coordinates are
N: 338,048.72' Latitude: 39°25'06.80"
E: 1,578,957.42' Longitude: 80°59'25.42"
Bottom Hole coordinates are
N: 327,785.09' Latitude: 39°23'26.12"
E: 1,583,621.97' Longitude: 80°58'23.84"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,363,234.290m N: 4,360,131.213m
E: 500,841.389m E: 502,314.659m
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. Grounds Unit 1H
UTM Zone 17, NAD 1927
Top Hole Coordinates
N: 14,314,331.133'
E: 1,643,129.59'
Point of Entry Coordinates
N: 14,314,460.81'
E: 1,644,261.02'
Bottom Hole Coordinates
N: 14,304,150.35'
E: 1,647,963.16'

Wellhead Layout (NTS)



ID	TM/Par	Owner	Bk/Pg	Acres
47	7/14	Smith	121/11	50.00
46	7/5	Coastal Forest Resources Co.	352/148	6.60
45	7/10	Fritzsimmmons	336/764	161.63
44	7/15	Gorrell	321/360	242.50
43	7/20	Ankrom	357/397	62.25
42	7/26	Freeland	348/231	5.64
41	7/26.1	Glover	347/492	4.36
40	7/16	Seven Spirits Farms, LLC	381/67	175.11
39	7/27	Darnell (Life)	260/657	23.49
38	8A/12	Ryan	325/224	1.21

Bottom Hole 7.5' Spot

ID	TM/Par	Owner	Bk/Pg	Acres
37	8A/12.3	Leasure	WB 43/148	0.77
36	8/40	Darnell (Life)	260/657	3.05
35	8/42	Brisendine	353/369	49.03
34	8/41	Dunham	352/628	0.35
33	8/43	Dawson (Life)	365/198	0.67
32	8/43.1	Lamp	365/203	0.55
31	10/11	Tartal	342/109	80.32
30	8/46	Snider	376/614	49.03
29	8/48	Lamp	344/384	12.16
28	11/4.3	Forrester	386/291	1.35
27	11/5.1	Forrester	255/713	0.85
26	11/5	Forrester	285/111	67.57
25	11/4.2	Forrester, et al	445/300	1.67
24	11/4	Forrester	285/111	7.37
23	11/4.1	Forrester	275/76	1.82
22	10/12	Serafine	352/624	32.00
21	11/3	Shields	324/287	1.84
20	11/1.1	Shields	324/287	0.23
19	11/6	LeMasters	294/151	62.00
18	11/2	Grim, et al	333/675	35.00
17	11/1	Shields	493/423	1.76
16	10/13	Hendrickson	234/71	2.13
15	11/37	Hendrickson	255/100	0.343
14	11/38	Reed	343/196	1.063
13	11/36	Mossor	230/255	0.94
12	10/16	Jackson, et al	355/311	71.18
11	10/15	F&R Farm, LLC	343/331	47.17
10	10/14	Hendrickson	261/272	38.50
9	11/29	Hendrickson	261/272	10.00
8	11/28	Kasper	309/500	8.21
7	11/26	Waide (Life)	WB32/383	41.06
6	11/27	Yeater, et al	379/609	32.25
5	11/30	Shea, et al	356/33	60.00
4	11/31	Kronau, et al	481/185	11.07
3	11/32.1	Kronau, et al	481/185	2.22
2	11/32	Hall	338/287	153.11
1	11/25	Hamilton	352/524	71.79

Leases

A Janice Rieck	E Patricia G. Mason
B DWG Oil & Gas Acquisitions, LLC	F Ann W. Clutter
C Ottis F. Wilcox	G Kevin Andrew Yeater
D J. Bradford Wells	H J. Bradford Wells

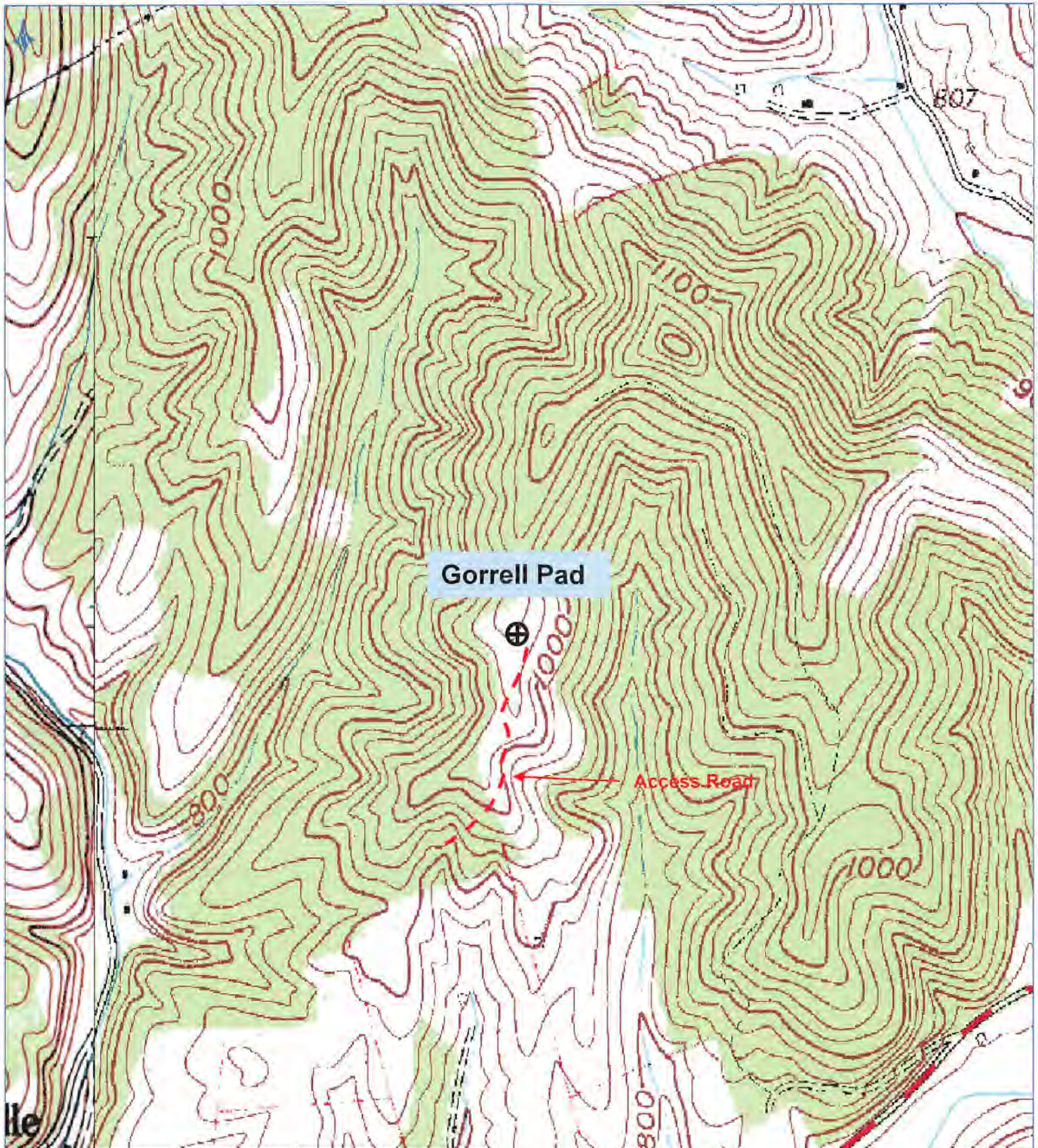
FILE NO: 50-54-M-17
DRAWING NO: Grounds 1H Well Plat
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

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

DATE: January 10 20 19
OPERATOR'S WELL NO. Grounds Unit 1H
API WELL NO
47 - 095 - 02590
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: Proposed Elev. 1045' Existing Elev. 1066' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Middlebourne 39.04; 129.9825;
DISTRICT: Meade COUNTY: Tyler 127.846; 116.46; 83.12; 50.0;
SURFACE OWNER: Elizabeth Gorrell Kevin Andrew Yeater, Ann W. Clutter, Patricia G. Mason; Ottis F. Wilcox; J&N Management Enterprises, LLC; DWG Oil & Gas Acquisitions, LLC; ACREAGE: 242.5 28.97207; 185; 201.8; 74.3;
ROYALTY OWNER: Oil & Gas Onshore, LP; Wilma Jane Benefield; Vickie Gorrell, et al LEASE NO: ACREAGE: 234.74
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ 6,700' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 19,300' 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



Gorrell Pad

Access Road

Antero Resources Corporation
Appalachian Basin
Gorrell Pad
Tyler County

RECEIVED
Office of Gas
JAN 15 2019
WV Department of
Environmental Protection

Quadrangle: Middlebourne
Watershed: Outlet Middle Island Creek
District: Meade
Date: 1-11-2019

BM

769

Sugar

800

