

9,294' to Top Hole

Antero Resources Well No. Grounds Unit 3H

Antero Resources Corporation



Legend

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

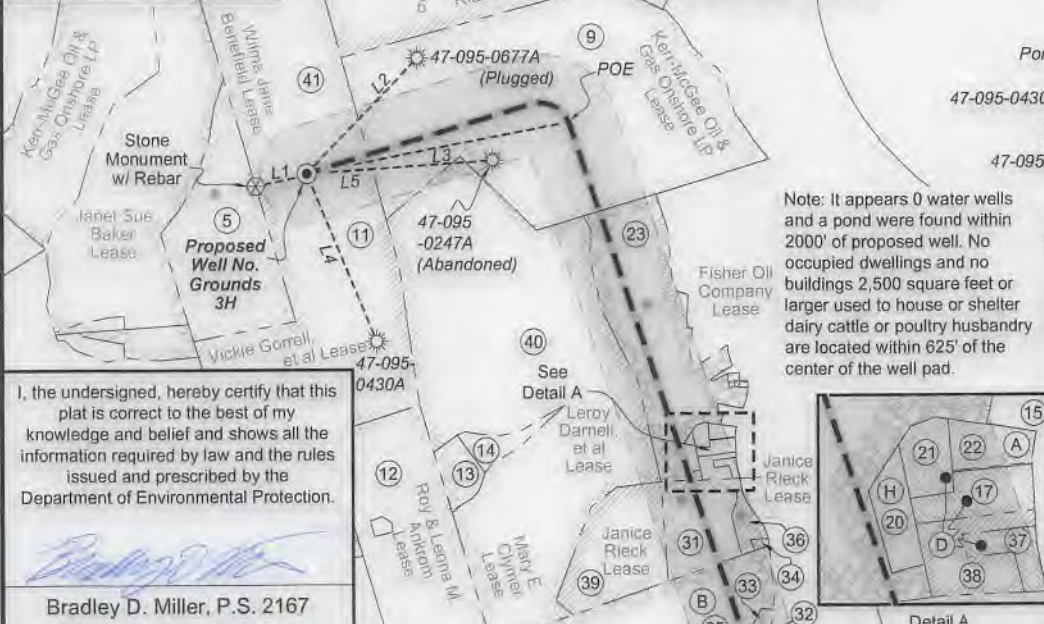
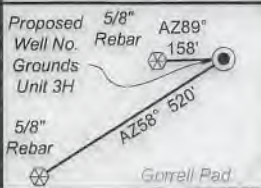
	Bearing	Dist.
L1	N 76°47' E	549.3'
L2	S 44°01' W	1,661.4'
L3	N 79°06' E	2,787.5'
L4	N 22°49' W	1,868.5'
L5	N 86°04' E	1,941.5'

2,778' to Bottom Hole

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

LONGITUDE 80 - 57 - 30
8,983' to Bottom Hole

Well Location References (NTS)



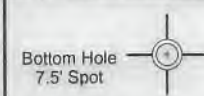
Note: It appears 0 water wells and a pond were found within 2000' of proposed well. No occupied dwellings and no buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad.

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.

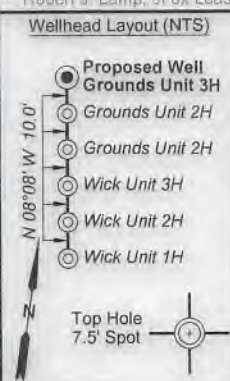
Bradley D. Miller

Bradley D. Miller, P.S. 2167

41	7/5	Coastal Forest Resources Co.	352/148	6.60
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
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	8/47	Darnell, et ux	260/657	16.50
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	8/38	Gray	321/430	68.42
22	8A/10	Wick Methodist Church	--- / ---	0.78
21	8A/9	Wicks Cemetery	--- / ---	1.00
20	8A/ p/09	Trustees	157/402	1.00
19	11/6	LeMasters	294/151	62.00
18	11/2	Grim, et al	333/675	35.00
17	8A/12.4	Kile	391/29	1.23
16	8/45	Snyder	376/614	40.51
15	18A/10.1	Wick Methodist Church	156/65	0.03
14	7/26.1	Glover	347/492	4.36
13	7/26	Freeland	348/231	5.64
12	7/20	Ankrom	357/397	62.25
11	7/15	Gorrell	321/360	242.50
10	10/14	Hendrickson	261/272	38.50
9	7/10	Fritzsimmmons	336/764	161.63
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	7/14	Smith	121/11	50.00
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
ID	TM/Par	Owner	Bk/Pg	Acres



Notes:
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Grounds Unit 3H Top Hole coordinates are
N: 338,068.52' Latitude: 39°25'06.99"
E: 1,578,954.59' Longitude: 80°59'25.46"
Bottom Hole coordinates are
N: 328,229.43' Latitude: 39°23'30.77"
E: 1,585,224.95' Longitude: 80°58'03.52"
UTM Zone 17, NAD 1983
Top Hole Coordinates: Bottom Hole Coordinates
N: 4,363,240.308m N: 4,360,274.749m
E: 500,840.426m E: 502,800.748m
Flat 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 3H UTM Zone 17, NAD 1927
Top Hole Coordinates
N: 14,314,350.88'
E: 1,643,126.43'
Point of Entry Coordinates
N: 14,314,923.44'
E: 1,645,853.54'
Bottom Hole Coordinates
N: 14,304,621.23'
E: 1,649,557.94'

Leases

A Wick United Methodist Church	E Patricia G. Mason
B DWG Oil & Gas Acquisitions, LLC	F Ann W. Clutter
C Otis F. Wilcox	G Kevin Andrew Yeater
D The Fisher Oil Company	H Trustees of Wick Cemetery

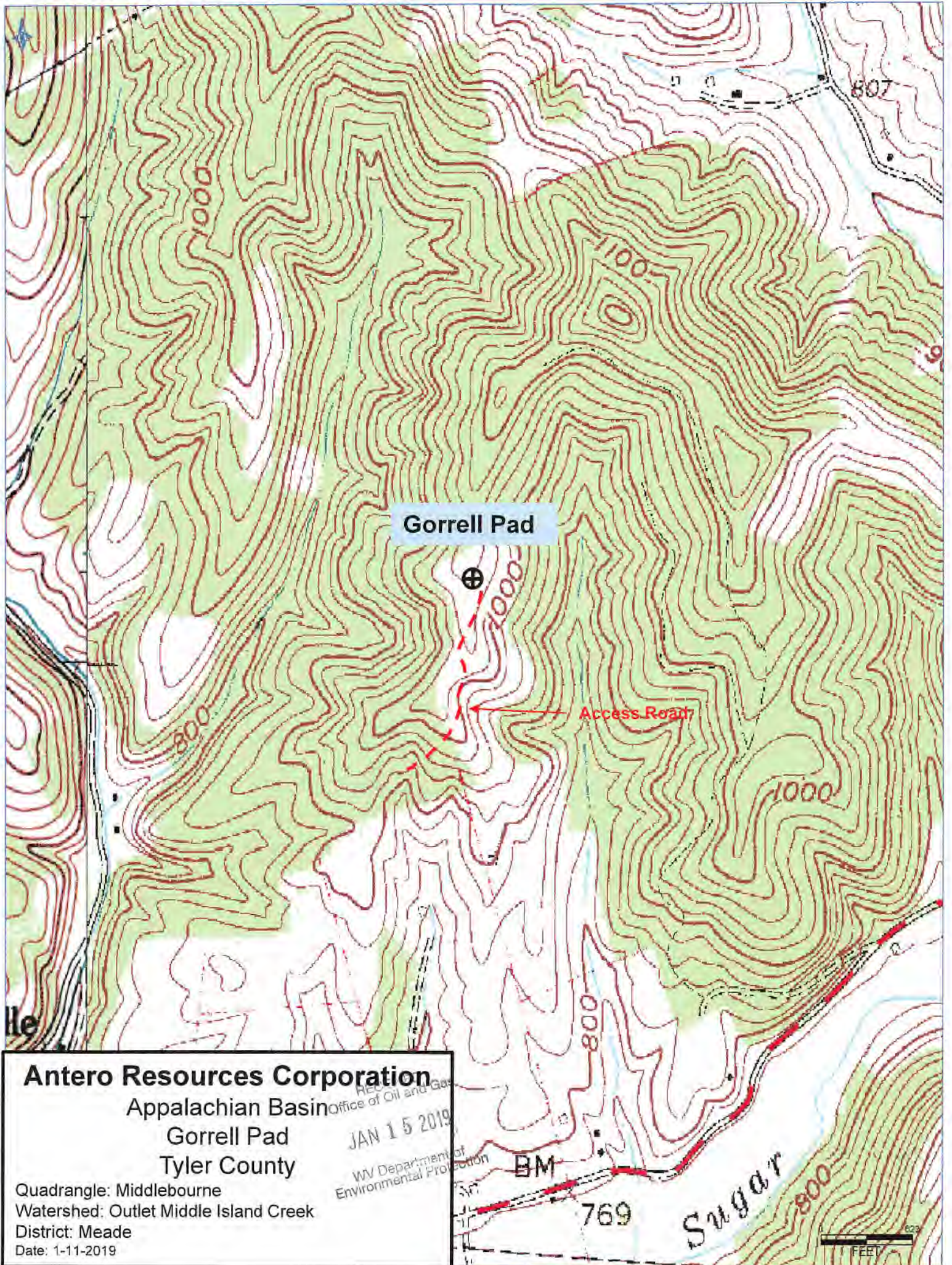
FILE NO: 50-54-M-17
DRAWING NO: Grounds 3H Well Plat
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: WV DOT, Harrisville, WV

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

DATE: January 10 2019
OPERATOR'S WELL NO. Grounds Unit 3H
API WELL NO
47 - 095 - 02592
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
Proposed Elev. 1045'
LOCATION: ELEVATION: Existing Elev. 1066' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Middlebourne 47.3875; 116.46; 14.6125; 83.12; 12.16; 50; 16.175; 68.51; 1.0; 201.8; 74.3; 234.74
DISTRICT: Meade J&N Management Enterprises, LLC; COUNTY: Tyler
SURFACE OWNER: Elizabeth Gorrell Ralph E. & Velinda Phillips; J. Bradford Wells; Elizabeth Y. Sealander; S.A. Smith, et al; ACREAGE: 242.5
ROYALTY OWNER: Kerr-McGee Oil & Gas Onshore LP; Wilma Jane Benefield; Vickie Gorell, 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: 20,900' 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

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

REC
Office of Oil and Gas
JAN 15 2019
WV Department of
Environmental Protection

BM

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Sugar

FEET