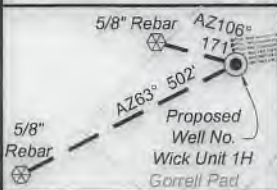


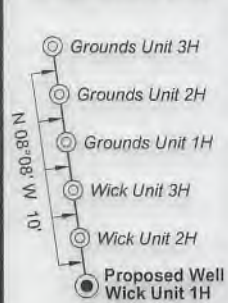
**Antero Resources  
Well No. Wick Unit 1H**

Antero Resources Corporation

**Well Location References (NTS)**



**Wellhead Layout (NTS)**



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. Wick Unit 1H Top Hole coordinates are N: 338,019.02' Latitude: 39°25'06.50" E: 1,578,961.66' Longitude: 80°59'27.36" Bottom Hole coordinates are N: 327,405.58' Latitude: 39°23'21.97" E: 1,581,117.46' Longitude: 80°58'55.66" UTM Zone 17, NAD 1983 Top Hole Coordinates Bottom Hole Coordinates N: 4,363,225.264m N: 4,360,002.835m E: 500,842.832m E: 501,553.591m 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. Wick Unit 1H UTM Zone 17, NAD 1927 Top Hole Coordinates N: 14,314,301.52' E: 1,643,134.33' Point of Entry Coordinates N: 14,313,754.78' E: 1,641,866.42' Bottom Hole Coordinates N: 14,303,729.23' E: 1,645,466.21'



9,287' to Top Hole

6,885 to Bottom Hole

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

LONGITUDE 80 - 57 - 30

9,807' to Bottom Hole

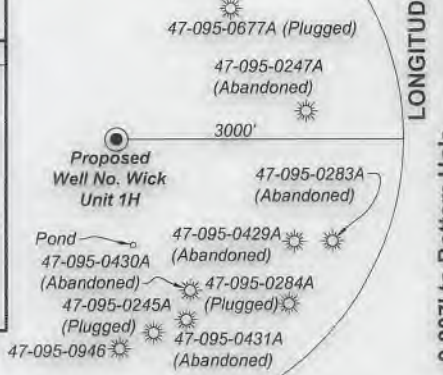
14,368' to Top Hole

**Legend**

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

**Lease**

A	Vickie Gorrell, et al
B	Roy & Leona M. Ankrom
C	Gaston Family Investments, LLC
D	Patricia G. Mason
E	F & R Farms
F	Mark Layne & Lori Helmick
G	Ann W. Clutter
H	J. Bradford Wells
J	Kevin Andrew Yeater
K	Ross A. & Allana D. Paden
L	James Dean Ankrom



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.

	Bearing	Dist.
L1	N 82°00' E	547.2'
L2	S 30°57' E	2,203.9'
L3	N 44°03' W	2,517.8'
L4	N 00°28' E	2,272.1'
L5	S 67°38' W	1,381.2'

ID	TM/Par	Owner	Bk/Pg	Acres
41	10/20	Jackson, et al	348/697	56.88
40	11/30	Shea, et ux	356/33	60.00
39	11/31	Shea Jr., et al	481/185	11.07
38	11/32.1	Shea Jr., et al	481/185	2.22
37	11/32	Hall, et ux	338/287	153.11
36	11/28	Kasper	309/500	8.21
35	11/28.1	Hendrickson Jr., et ux	261/272	1.00
34	11/29	Hendrickson Jr., et ux	261/272	10.00
33	10/14	Hendrickson Jr., et ux	261/272	38.50
32	10/15	F&R Farm, LLC	343/331	47.17
31	10/16	Jackson, et al	355/311	71.18
30	10/9	McGowan, et al	348/320	61.51
29	10/10	Helmick, et ux	262/135	42.81
28	11/2	Grim, et al	333/675	35.00
27	11/36	Mossor	230/255	0.94
26	11/38	Reed, et ux	343/196	1.063
25	11/37	Hendrickson Jr., et ux	255/100	0.343
24	10/13	Hendrickson Jr., et ux	234/71	2.13
23	11/1	Shields	493/423	1.76
22	11/1.1	Shields	324/287	0.23
21	11/3	Shields	324/287	1.84
20	11/4.1	Forrester, et al	275/76	1.82
19	11/4	Forrester	285/111	7.37
18	10/12	Serafine, et ux	352/624	32.00
17	8/46	Snider, et ux	376/614	49.03
16	8/42	Brisendine	353/369	49.03
15	10/11	Tartal, et al	342/109	80.32
14	7/25	Ankrom	380/447	0.43
13	7/20.1	Ankrom	303/61	0.75
12	7/26.1	Glover, et ux	347/492	4.36
11	7/26	Freeland, et ux	348/231	5.64
10	7/20	Ankrom	357/397	62.25
9	7/15.1	Paden, et al	369/11	7.76
8	7/24	Grimes, et ux	335/304	50.00
7	7/13	Smith, et ux	328/867	6.00
6	7/14	Smith	121/11	50.00
5	7/9	Smith	263/615	66.85
4	7/5	Coastal Forest Resources Co.	301/131	74.30
3	7/10	Fritzsimmmons, et al	336/764	161.63
2	7/16	Seven Spirits Farms, LLC	381/67	175.11
1	7/15	Gorrell	321/360	242.50

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

DATE: January 10 20 19  
OPERATOR'S WELL NO. Wick Unit 1H  
API WELL NO  
47 - 095 - 02513  
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

DISTRICT: Meade COUNTY: Tyler

SURFACE OWNER: Elizabeth Gorrell ACREAGE: 242.5 234.74; 74.3; 50; 42.81;

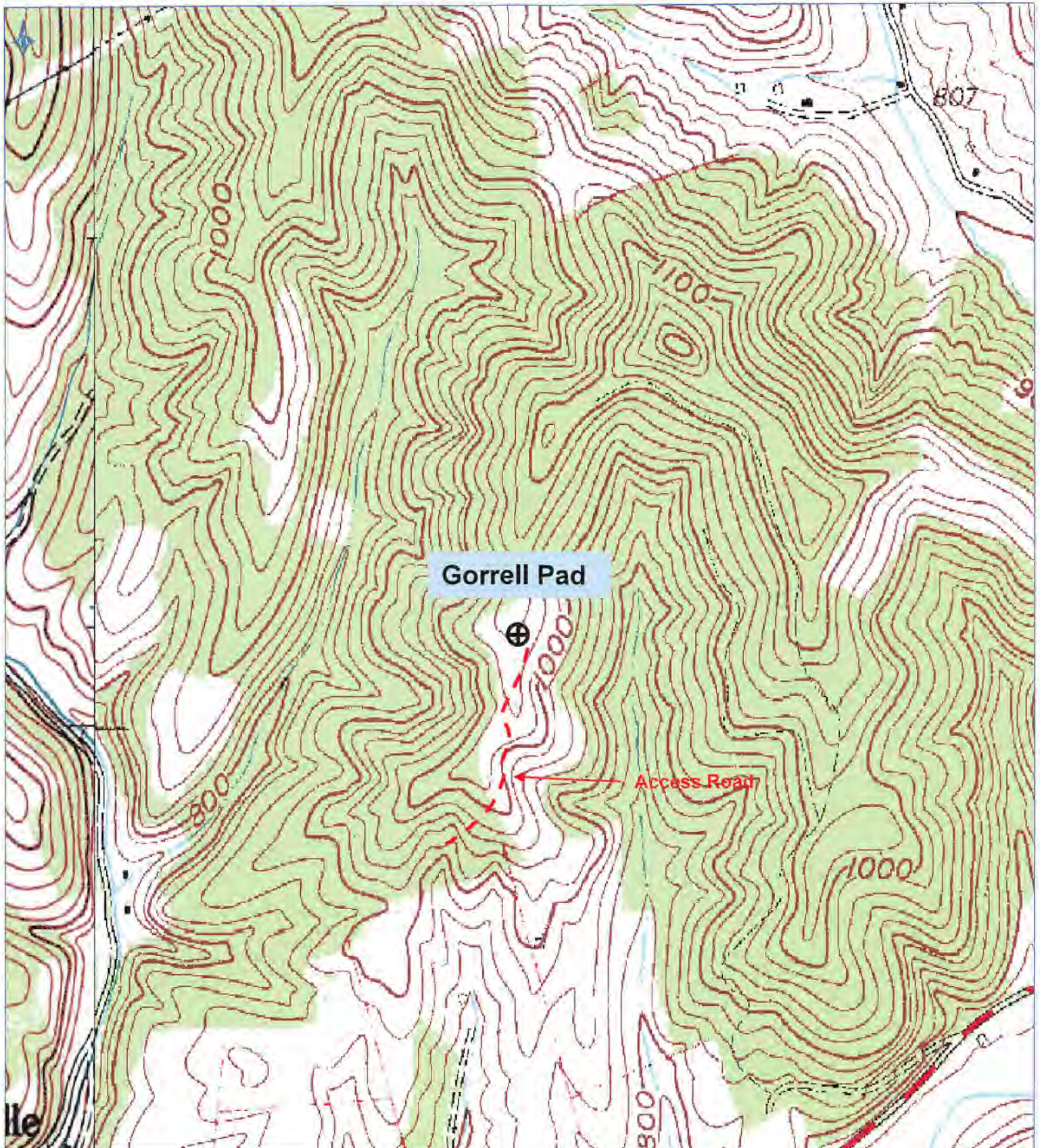
ROYALTY OWNER: Wilma Jane Benefield; Elizabeth Gorrell, et al; Janet Sue Baker; LEASE NO: ACREAGE: 71.18; 155.5;

PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 6,700' TVD 19,100' 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

Office of Oil and Gas

JAN 15 2019

WV Department of Environmental Protection

BM

769

Sugar

FEET

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