

**Antero Resources  
Well No. Ryland 1H**

Antero Resources Corporation



TOP HOLE LATITUDE 39 - 35 - 00  
BTM HOLE LATITUDE 39 - 32 - 30

**Notes**  
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
Well No. Ryland Unit 1H Top Hole coordinates are  
N: 384,179.63' Latitude: 39°32'53.27"  
E: 1,649,261.01' Longitude: 80°44'37.79"  
Bottom Hole coordinates are  
N: 375,825.08' Latitude: 39°31'53.23"  
E: 1,653,110.85' Longitude: 80°43'47.19"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates Bottom Hole Coordinates  
N: 4,377,646.442m N: 4,375,120.761m  
E: 522,025.193m E: 523,240.478m  
Plat orientation and corner and well references are based upon the grid north meridian.  
Well location references are based upon the magnetic meridian.

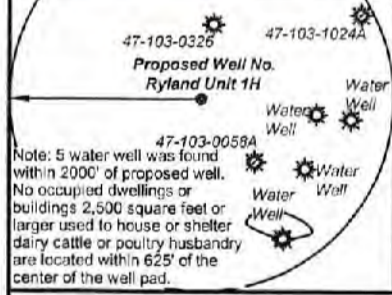
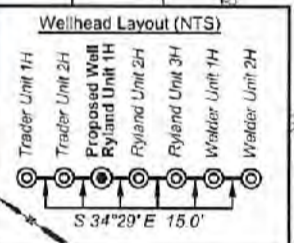
**Notes:**  
Well No. Ryland Unit 1H UTM Zone 17, NAD 1927  
Top Hole Coordinates  
N: 14,361,612.97'  
E: 1,712,629.58'  
Point of Entry Coordinates  
N: 14,362,651.32'  
E: 1,713,297.39'  
Bottom Hole Coordinates  
N: 14,353,326.60'  
E: 1,716,616.99'

	Bearing	Dist.
L1	S 83°08' E	1,569.2'
L2	S 09°55' W	776.8'
L3	S 25°01' W	1,857.4'
L4	S 68°26' W	973.1'
L5	N 33°42' E	1,235.0'



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



**Legend**

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

FILE NO: 278-34-G-17  
DRAWING NO: Ryland 1H Well Plat  
SCALE: 1" = 1500'  
MINIMUM DEGREE OF ACCURACY: Submeter  
PROVEN SOURCE OF ELEVATION: CORS, Monroe County, OH

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

DATE: August 30 2021  
OPERATOR'S WELL NO. Ryland Unit 1H  
API WELL NO  
47 - 103 - 03456  
STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
(IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
Existing 1,175'  
LOCATION: ELEVATION: Proposed 1,154' WATERSHED: Fishing Creek QUADRANGLE: Pine Grove  
DISTRICT: Green Antero Resources COUNTY: Wetzel  
SURFACE OWNER: Corporation Waco Oil & Gas Company, Inc.; BRC Appalachian Minerals I, LLC; Carl F. Fellows; Terry Barrug  
ROYALTY OWNER: Pamela Ann Plamer Emch; William R. Stalnaker; Karen B. Mason; Barbara Berker, et vir. LEASE NO: ACREAGE: 47.5 47.5; 537.11875; 81.5; 35.5; 100; 53; 137.9125; 92.904  
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: 7,400' TVD 19,700' 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

12,822' to Top Hole

5,947' to Bottom Hole

10,010' to Top Hole

6,048' to Bottom Hole

Sheet 1 of 2

**Antero Resources  
Well No. Ryland 1H**

Antero Resources Corporation



Leases	
A	Pamela Ann Palmer Emch
B	BRC Appalachian Minerals I, LLC
C	David E. Bowyer
D	William R. Stalnaker
E	Karen B. Mason
F	BRC Appalachian Minerals I, LLC
G	Barbara Barker, et vir
H	Carl F. Fellows
I	Waco Oil & Gas Company Inc.
J	Terry Bartrug
K	BRC Appalachian Minerals I, LLC

ID	TM/Par	Owner	Bk/Pg	Acres
1	16-26	Antero Resources Corporation	474/713	47.50
2	16-25	Antero Resources Corporation	474/713	39.00
3	16-16	Donald L. Smith II, et ux	451/925	60.75
4	17-15.1	Douglas Alan & Shirley Joann Bucher	442/718	12.41
5	17-58	Pannie Baker	411/735	42.41
6	17-22	Perry D. Bucher	411/759	37.65
7	17-23	Michael Steven Blinkman	461/443	40.10
8	17-22.1	Steven & Bertie Blinkman	418/121	41.0
9	17-42.1	Robert & Connie Haught	416/373	2.63
10	17-42.3	Coastal Forest Resources	444/105	88.43
11	17-43.1	Robert & Phyllis Cross	443/205	5.00
12	17-43	George David Sell, et al	206/184	124.50
13	20-2	George David Sell	351/473	10.00
14	20-8.1	Josh Wright	W75/551	42.00
15	20-9.1	George David Sell	372/705	5.00
16	20-9	George David Sell	351/473	48.00
17	20-13	Dallison Lumber Inc.	440/243	208.00
18	20-12	Terry Bartrug	361/465	92.90

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 ROYALTY OWNER: Pamela Ann Palmer Emch; William R. Stalnaker; Karen B. Mason; Barbara Barker, et vir. LEASE NO: ACREAGE: 81.5; 35.5; 100; 53;  
 PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
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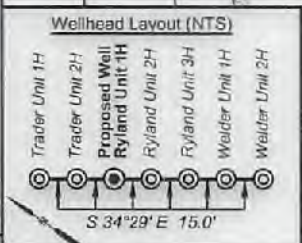
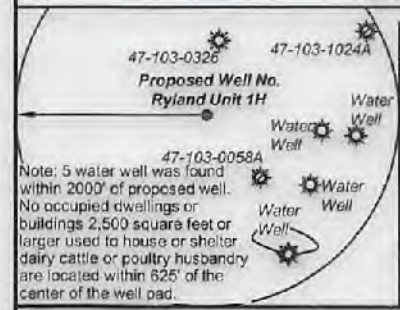
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**Legend**

- Proposed Well
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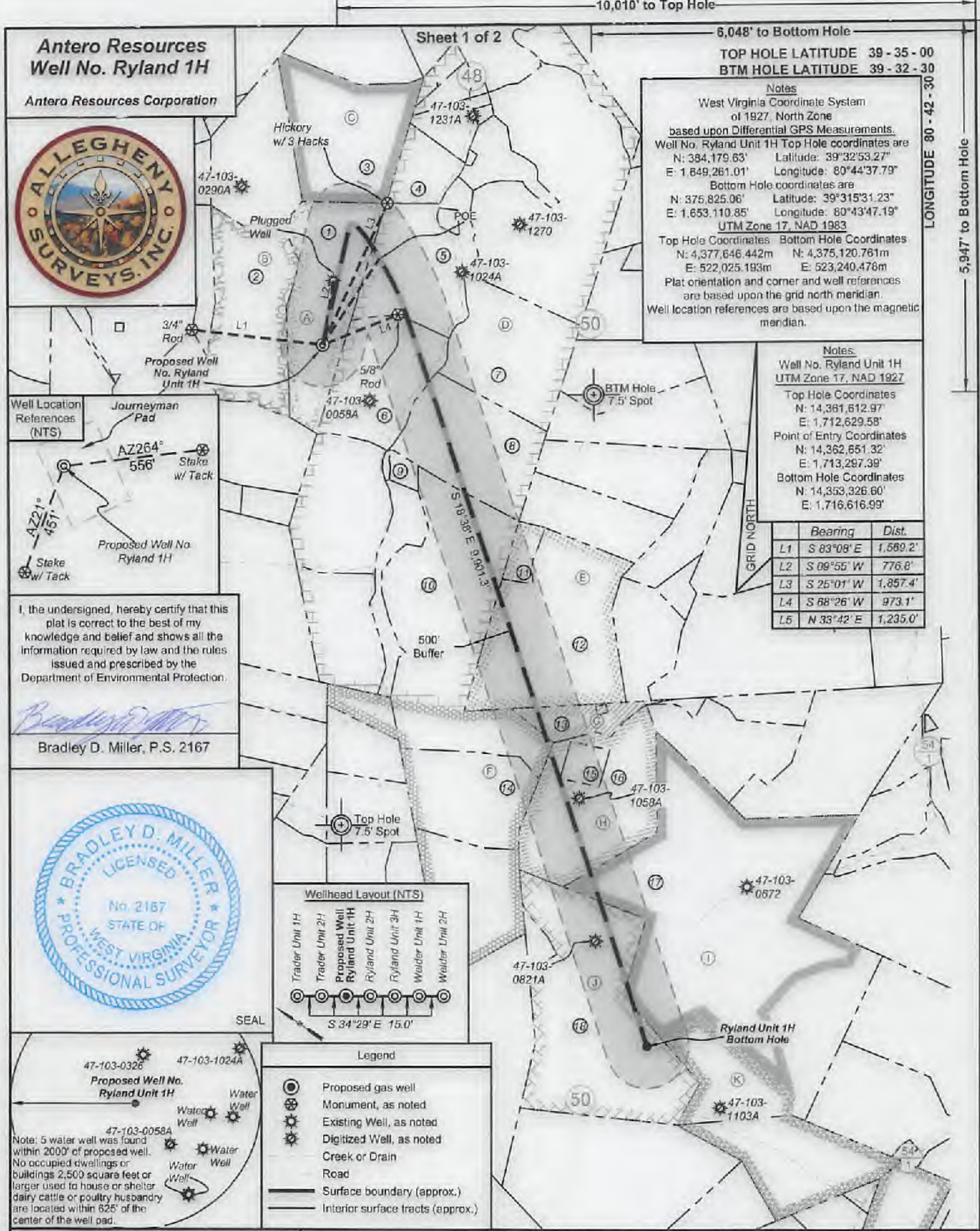
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ROYALTY OWNER: Pamela Ann Plamer Emch; William R. Stalnaker; Karen B. Mason; Barbara Barker, et vir; LEASE NO: ACREAGE: 137.9125; 92.804  
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10,010' to Top Hole  
6,048' to Bottom Hole  
TOP HOLE LATITUDE 39 - 35 - 00  
BTM HOLE LATITUDE 39 - 32 - 30  
LONGITUDE 80 - 42 - 30  
5,947' to Bottom Hole  
12,822' to Top Hole

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GRID NORTH

12,822' to Top Hole

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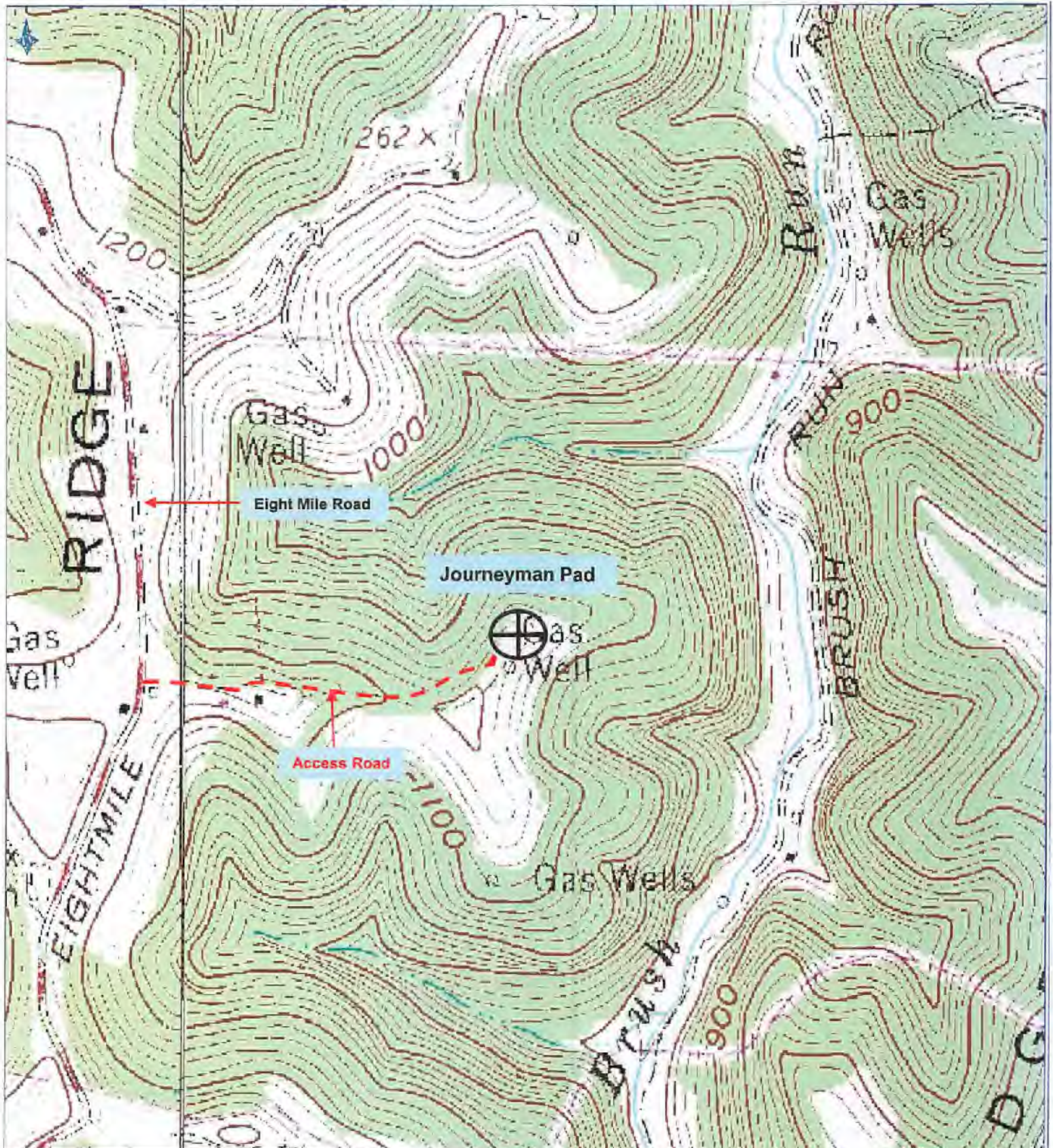


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10/29/2021

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 Denver, CO 80202 Charleston, WV 25313



**Antero Resources Corporation**  
Appalachian Basin  
Journeyman Pad  
Wetzel County

Quadrangle: Pine Grove  
Watershed: Fishing Creek  
District: Green  
Date: 10-10-2019

10/29/2021

