

9,993' to Top Hole

4,474' to Bottom Hole

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

LONGITUDE 80 - 42 - 30

12,846' to Top Hole

# Antero Resources Well No. Ryland 3H

Antero Resources Corporation



47-103-0290A

Hickory w/ 3 Hecks

Plugged Well

3/4" Rod

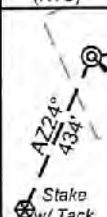
Proposed Well No. Ryland Unit 3H

Journeyman Pad

AZ261° 543'

Proposed Well No. Ryland 3H

Well Location References (NTS)



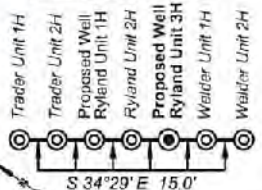
I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

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



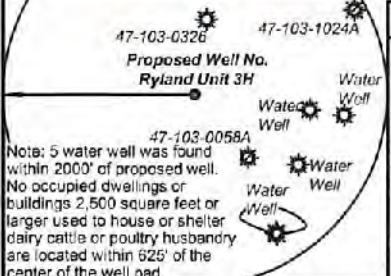
SEAL

### Wellhead Layout (NTS)



### Legend

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



Note: 5 water well was 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.

**Notes**  
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
Well No. Ryland Unit 3H Top Hole coordinates are  
N: 384,154.90' Latitude: 39°32'53.03"  
E: 1,649,278.00' Longitude: 80°44'37.58"  
Bottom Hole coordinates are  
N: 376,385.45' Latitude: 39°31'36.98"  
E: 1,654,692.36' Longitude: 80°43'27.10"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates Bottom Hole Coordinates  
N: 4,377,638.994m N: 4,375,299.543m  
E: 522,030.494m E: 523,719.462m  
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 3H UTM Zone 17, NAD 1927  
Top Hole Coordinates  
N: 14,361,588.53'  
E: 1,712,646.98'  
Point of Entry Coordinates  
N: 14,363,146.62'  
E: 1,714,915.58'  
Bottom Hole Coordinates  
N: 14,353,913.11'  
E: 1,718,188.40'

	Bearing	Dist.
L1	S 82°19' E	1,589.1'
L2	S 08°25' W	798.5'
L3	S 24°13' W	1,872.8'
L4	S 66°42' W	966.8'
L5	N 56°29' E	2,753.1'

FILE NO: 278-34-G-17  
DRAWING NO: Ryland 3H 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 20 21  
OPERATOR'S WELL NO. Ryland Unit 3H  
API WELL NO  
47 - 103 - 03458  
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 Corporation  
SURFACE OWNER: Corporation  
ROYALTY OWNER: Pamela Ann Palmer Emch; William R. Stalnaker; Ridgeloop Capital IV, LP; Lydia Sims; LEASE NO: ACREAGE: 20.65; 72; 89; 35.5  
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: 7,400' TVD  
21,000' 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



**Antero Resources  
Well No. Ryland 3H**

Antero Resources Corporation



Leases	
A	Pamela Ann Palmer Emch
B	BRC Appalachian Minerals I, LLC
C	William R. Stalnaker
D	Stone Hill Holdings, LLC
E	Ridgetop Capital IV, LP
F	Debra L. Brown
G	Debra L. Brown
H	Lydia Sims
I	Karen B. Mason
J	Shiben Estates, Inc.
K	Kevin Goff
L	Barbara Barker, et vir
M	BRC Appalachian Minerals I, LLC
N	Barbara Barker, et vir
O	Carl F. Fellows
P	Waco Oil & Gas Company Inc.
Q	Joan B. Hoge Trust

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	17-22	Perry D. Bucher	411/759	37.65
4	17-58	Pennie Baker	411/735	42.41
5	17-56	Pennie R. & Richard K. Baker	366/273	1.63
6	17-15.1	Douglas Alan & Shirley Joann Bucher	442/718	12.41
7	17-15.7	Jeremy & Terry Bucher	365/108	7.37
8	17-15.8	Ross William Bucher, Jr.	411/765	0.37
9	17-59	Pennie Baker	446/344	12.50
10	17-60	Ross Bucher	411/765	79.00
11	17-23	Michael Steven Blinkman	461/443	40.10
12	17-16	James & Andrea Sell	417/40	25.75
13	17-24	Nola Parks	417/35	26.50
14	17-25	Nola Parks & Jonathan Sivert	417/35	25.00
15	17-33	Debra Lynn Brown	332/480	26.00
16	17-44	Debra Lynn Brown	362/474	26.00
17	17-34	Debra Lynn Brown	332/480	20.00
18	17-46	George David Sell	351/473	4.00
19	17-43	George David Sell, et al	206/184	124.50
20	17-45	George D. Sell, et al	W53/228	20.20
21	17-35	Alfred Raymond Furbee, Sr. & Olive Gay Brown	333/638	60.00
22	20-2	George David Sell	351/473	10.00
23	17-30	Alfred Raymond Furbee, Sr. & Olive Gay Brown	333/638	11.70
24	20-9	George David Sell	351/473	48.00
25	20-4	Nola J. Parks & Gloria C. Higgins	A100/689	25.50
26	20-5	Debbie Brown, et al	A96/679	4.00
27	20-13	Dallison Lumber Inc.	440/243	208.00

FILE NO: 278-34-G-17  
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Submeter  
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**STATE OF WEST VIRGINIA**  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
**OIL AND GAS DIVISION**



DATE: August 30 2021  
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 API WELL NO  
47 — 103 — 03458  
 STATE COUNTY PERMIT

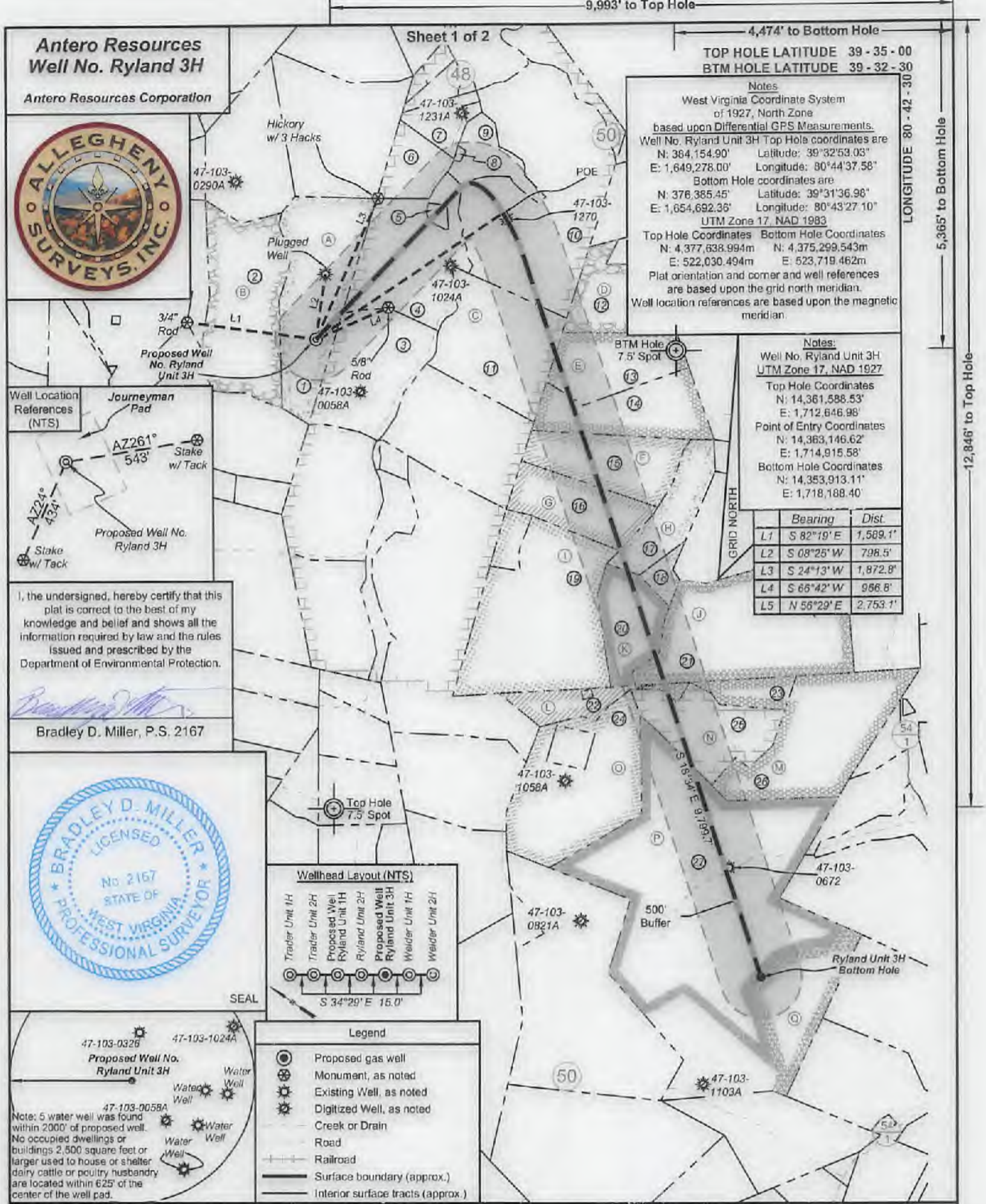
WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION: Existing 1,175' Proposed 1,154' WATERSHED: Fishing Creek QUADRANGLE: Pine Grove  
 DISTRICT: Green Antero Resources Corporation  
 COUNTY: Wetzel  
 SURFACE OWNER: Corporation Karen B. Mason; Waco Oil & Gas Company, Inc.;  
 ACREAGE: 47.5 BRC Appalachian Minerals I, LLC; Barbara Barker, et vir;  
 ROYALTY OWNER: Pamela Ann Palmer Emch; William R. Stalnaker; Ridgetop Capital IV, LP; Lydia Sims; LEASE NO: \_\_\_\_\_ ACREAGE: 20.65; 72; 89; 35.5  
 Debra L. Brown (2); Kevin Goff; Shiben Estates, Inc.

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: 21,000' MD 7,400' TVD

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





**Antero Resources  
Well No. Ryland 3H**

Antero Resources Corporation

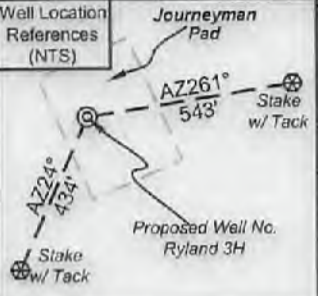


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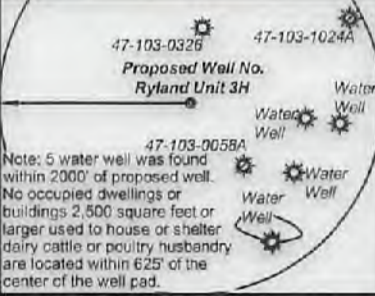
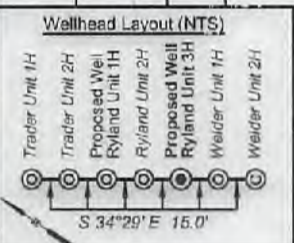
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Bradley D. Miller, P.S. 2167



Legend

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

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10/29/2021



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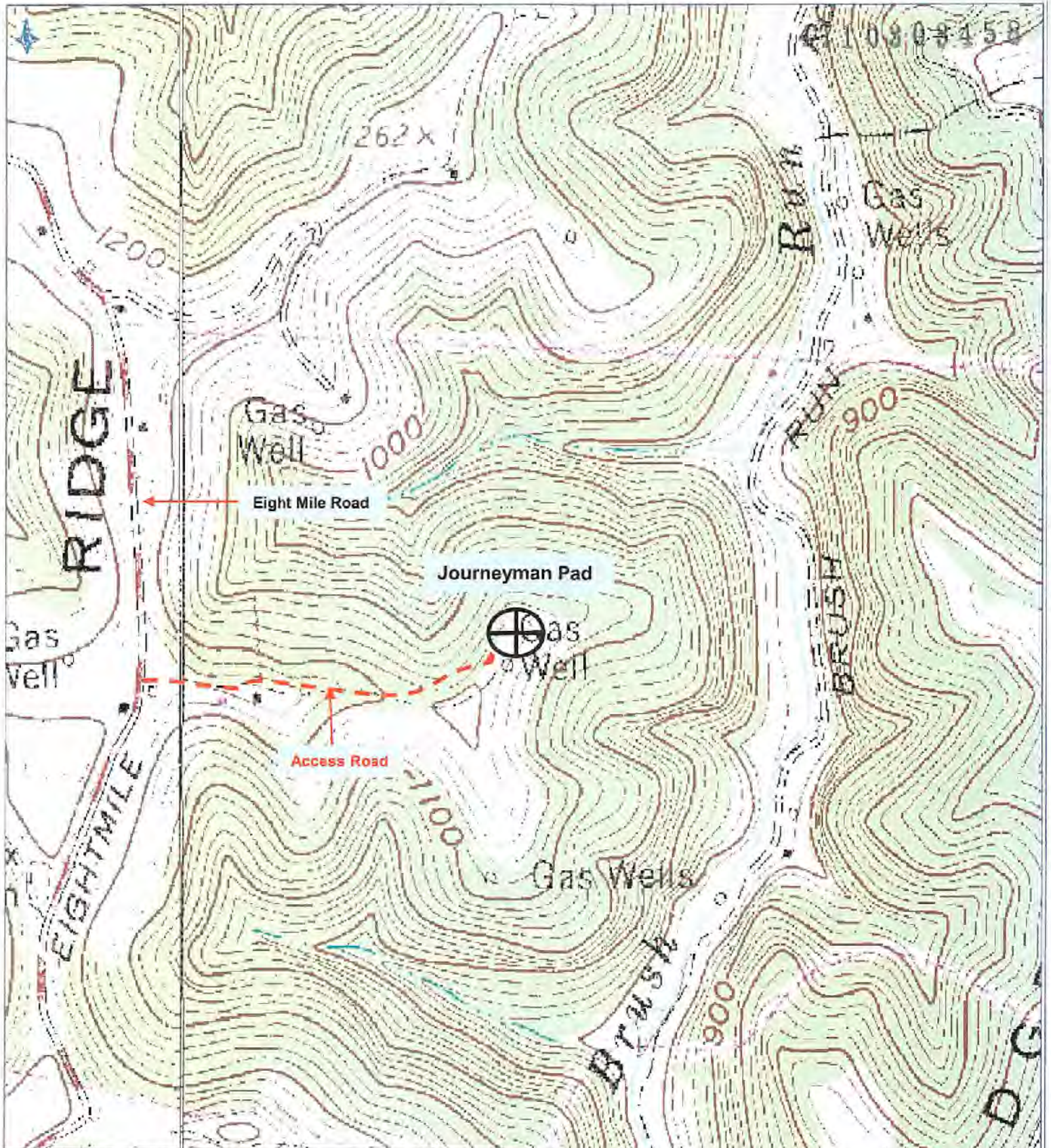
  
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 API WELL NO  
 47 - 103 - ~~03458~~

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 SURFACE OWNER: Corporation Karen B. Mason; Waco Oil & Gas Company, Inc.; BRC Appalachian Minerals I, LLC; Barbara Barker, et vir; Debra L. Brown (2); Kevin Goff; Shiben Estates, Inc. ACREAGE: 47.5 81.5; 137.9125; 47.5; 537.11875; 50.5; 26; 26; 24;  
 ROYALTY OWNER: Pamela Ann Palmer Emch; William R. Stalnaker; Ridgetop Capital IV, LP; Lydia Sims; LEASE NO: ACREAGE: 20.65; 72; 89; 35.5  
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 ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road  
 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

