

2,244' to Bottom Hole

Top Hole  
7.5' Spot

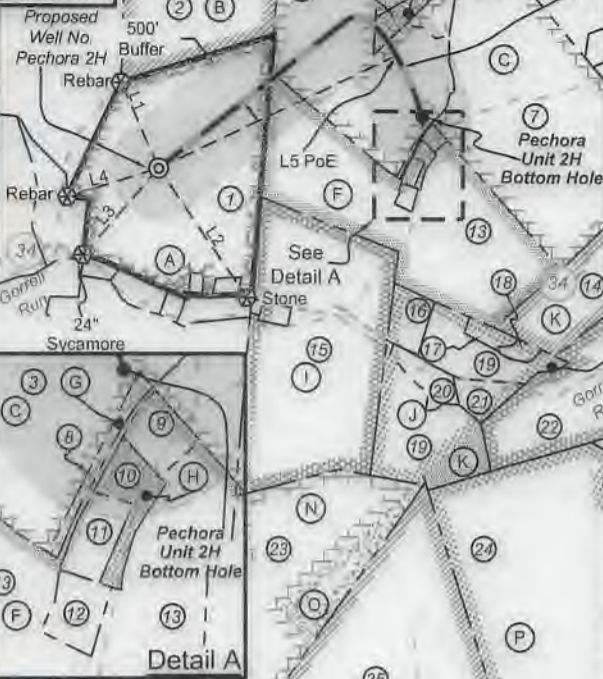
4,985' to Top Hole

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

LONGITUDE 80 - 50 - 00  
536' to Top Hole

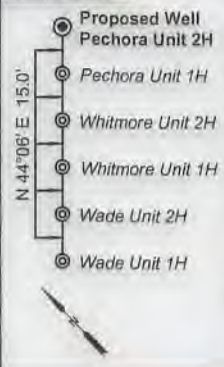
### Antero Resources Well No. Pechora 2H

Antero Resources Corporation



**Notes:**  
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
Well No. Pechora Unit 2H Top Hole coordinates are  
N: 366,552.10' Latitude: 39°29'54.71"  
E: 1,618,772.19' Longitude: 80°51'03.59"  
Bottom Hole coordinates are  
N: 367,092.33' Latitude: 39°30'00.46"  
E: 1,621,521.88' Longitude: 80°50'28.62"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates Bottom Hole Coordinates  
N: 4,372,120.783m N: 4,372,299.373m  
E: 512,826.068m E: 513,661.023m  
Plat orientation and corner and well references are based upon the grid north meridian.  
Well location references are based upon the magnetic meridian.

#### Wellhead Layout



ID	TMP/Par	Owner	DB/PG	Acres
1	15-33	Roger D. Blizzard & Ruth E. Spencer	340/170	102.62
2	15-31	Roger D. Blizzard & Ruth E. Spencer	342/782	25.00
3	15-38	Rodney A. & Candis L. Nash	351/701	85.48
4	16-23	Joseph L. Sitko	314/462	29.70
5	16-23.1	Bruce Winkelmann	334/195	3.30
6	16-44.1	Carl Straight	543/598	3.70
7	16-44	Robert A. Pyles, et al	335/482	87.82
8	16-60	Rodney & Candis Nash	378/815	0.56
9	16-54	David M. & Amanda B. Trimble	447/110	1.00
10	16-59	Rodney & Candis Nash	378/818	1.10
11	16-56	Rodney & Candis Nash	247/773	1.00
12	16-57	Rodney & Candis Nash	252/446	1.00
13	15-32	William S. & Opal Marie Nash	335/188	78.58
14	22-3	Harold L. & Deborah C. Hollaway	287/689	22.95
15	21-13	Alfred Lonzo Eddy	337/650	98.58
16	22-1.2	Earl David & Joyce Ann Giles	336/447	5.39
17	22-1.3	Ronald Hartline & Jamie Barnhart	591/741	2.02
18	22-2	Ronald Hartline & Jamie Barnhart	591/741	1.50
19	22-1	Robert I. Reed & Floyd W. Reed	321/763	42.32
20	22-1.4	David E. & Joyce A. Giles	546/764	4.76
21	22-1.1	Robert I. Reed & Floyd W. Reed	278/661	4.49
22	22-4	Stephen H. & Barbara J. Dunthorn	218/40	59.71
23	21-53	Haessly Land & Timber, LLC	337/101A	89.88
24	22-41	Anthony B. Parr	342/763	222.00
25	22-42	Sharon Christenson, et al	635/420	144.26
26	22-43	Loretta Louise Baker	253/131	38.87
27	28-9	David & Cheryl L. Barrick	283/606	87.53
28	22-47	Tom J. & Jean A. Gump	628/629	24.66



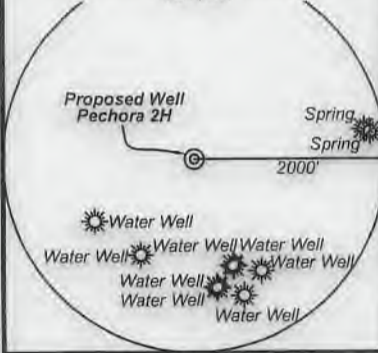
I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

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

Leases	
A	Heritage Resources - Marcellus Minerals, LLC
B	Jerry R. Brown
C	Helen E. Boggs
D	Joseph L. Sitko, et ux
E	Bruce Winkelmann
F	William S. Nash, et al
G	Open
H	Randy Nash, et ux
I	Alfred Lonzo Eddy
J	Roberta L. Schickler
K	Ridgetop Capital II, LP
L	Ridgetop Capital II, LP
M	Marjorie R. Asher Logston, et vir
N	Open
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P	Anthony B. Parr
Q	Judith M. Rogers
R	Loretta L. Baker
S	Open
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**Notes:**  
Well No. Pechora Unit 2H  
UTM Zone 17, NAD 1927  
Top Hole Coordinates  
N: 14,343,485.13'  
E: 1,682,449.46'  
Point of Entry Coordinates  
N: 14,344,698.29'  
E: 1,684,901.86'  
Bottom Hole Coordinates  
N: 14,344,070.99'  
E: 1,685,188.81'

Note: 8 water wells and 2 springs were 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.



Legend	
	Proposed gas well
	Found corner, as noted
	Existing Well, as noted
	Digitized Well
	Existing Road
	Surface boundary (approx.)
	Interior surface tracts (approx.)

Bearing	Dist.
L1 S 24°26' E	971.5'
L2 N 34°36' W	1,620.8'
L3 N 41°30' E	1,196.8'
L4 N 72°52' E	1,001.7'
L5 N 64°38' E	2,737.0'



FILE NO: 121-54-E-19  
DRAWING NO: Pechora 2H 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: December 4 2020  
OPERATOR'S WELL NO. Pechora 2H  
API WELL NO. 46A  
47 - 095 - 02725  
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built 1,004' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Shirley  
DISTRICT: Ellsworth COUNTY: Tyler  
SURFACE OWNER: Roger D. Blizzard & Ruth E. Spencer ACREAGE: 102.62  
ROYALTY OWNER: Heritage Resources - Marcellus Minerals, LLC; Joseph L. Sitko, et ux; Helen E. Boggs; LEASE NO: ACREAGE: 79.919;  
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: 11,100' 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




JCB 1/27/2021

2,244' to Bottom Hole

**Antero Resources**  
Well No. Pechora 2H


**Antero Resources Corporation**



**Wellhead Layout**

- Proposed Well Pechora Unit 2H
- Pechora Unit 1H
- Whitmore Unit 2H
- Whitmore Unit 1H
- Wade Unit 2H
- Wade Unit 1H

N 44°06' E 15.0'

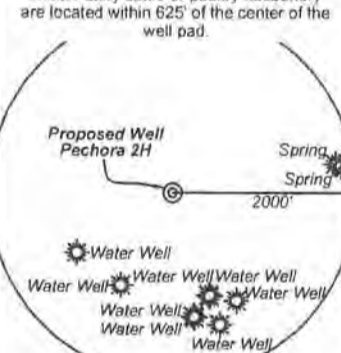
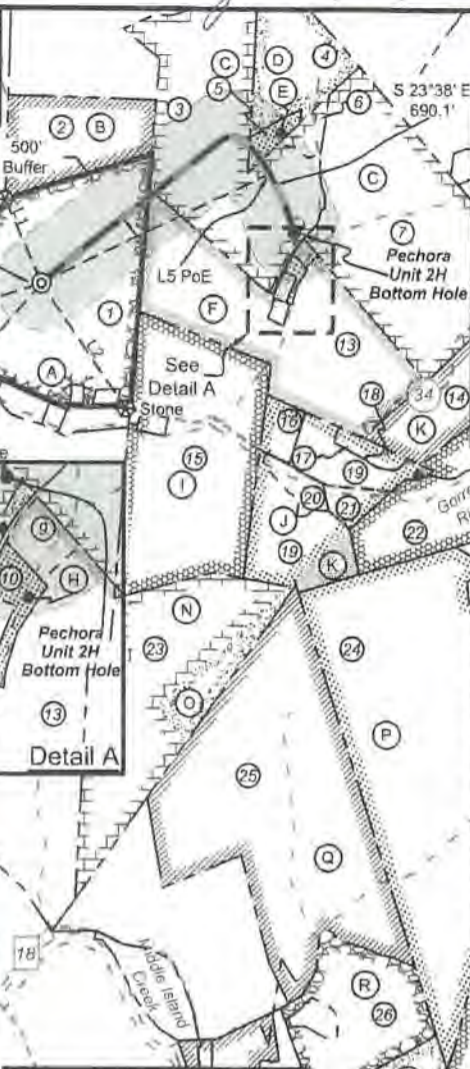


BRADLEY D. MILLER  
LICENSED  
No. 2167  
STATE OF WEST VIRGINIA  
PROFESSIONAL SURVEYOR

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

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4,985' to Top Hole

Top Hole 7.5' Spot

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

LONGITUDE 80 - 50 - 00  
536' to Top Hole

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GRID NORTH

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Denver, CO 80202 Charleston, WV 25313





**Antero Resources Corporation**  
Appalachian Basin  
Blizzard Pad  
Tyler County

Quadrangle: Shirley  
Watershed: Outlet Middle Island Creek  
District: Ellsworth  
Date: 4-10-2019

*JCB 1/27/2021*