



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

Antero Resources Corporation

Wellhead Layout

Proposed Well
Pechora Unit 2H
47-095-02725
Pechora Unit 1H
47-095-02724

Whitmore Unit 2H
47-095-02727

Whitmore Unit 1H
47-095-02726

Wade Unit 2H
47-095-02728

Wade Unit 1H
47-095-02729

N 44°06' E 15.0'

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

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

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.

Proposed Well Pechora 2H

Spring

Spring

2000'

Water Well

Water Well

Water Well

Water Well

Water Well

Water Well

Water Well

Water Well

Detail A

Legend

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

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: 354,218.73' Latitude: 39°27'53.85"
E: 1,625,766.15' Longitude: 80°49'32.06"

UTM Zone 17, NAD 1983

Top Hole Coordinates Bottom Hole Coordinates
N: 4,372,120.783m N: 4,368,398.989m
E: 512,826.068m E: 515,019.521m

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. 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: 14,344,230.34'
E: 1,685,133.31'

Bottom Hole Coordinates
N: 14,331,274.39'
E: 1,689,645.84'

Well Location References

Proposed Well No. Pechora 2H

5/8" Rebar

AZ83° 307'

AZ251° 236'

Blizzard Pad

5/8" Rebar

Not to Scale

	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 75°26' E	2,786.3'

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: March 31 2021

OPERATOR'S WELL NO. Pechora 2H

API WELL NO. 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

SURFACE OWNER: Roger D. Blizzard & Ruth E. Spencer Ridgetop Capital II, LP (2); Kendra K. Wyke; Rodney A. Nash, et ux; William S. Nash, et al; Randy Nash, et ux; Roberta L. Schickler; Anthony B. Parr.

ROYALTY OWNER: Heritage Resources-Marcellus Minerals (2), LLC; Helen E. Boggs; Bruce Winkelmann; LEASE NO: ACREAGE: 102.62 22.95; 3.3; 79.919; 1.103; 51.50; 69.50; 222; 271

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

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,000' TVD 25,000' 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

RECEIVED
Office of Oil and Gas
APR 9 2021
WV Department of Environmental Protection

12,763' to Bottom Hole

TOP HOLE LONGITUDE 80 - 50 - 00
BTM HOLE LONGITUDE 80 - 47 - 30
536' to Top Hole

9,572' to Bottom Hole

4,985' to Top Hole

Page 1 of 2

Top Hole 7.5' Spot

LATITUDE 39 - 30 - 00

See Detail A (Page 1)

See Detail B (Page 2)

Pechora Unit 2H Bottom Hole



05/07/2021

Antero Resources Corporation



ID	TM/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	247/73	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	287/669	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	216/40	59.71
23	22-41	Anthony B. Parr	342/763	222.00
24	22-42	Sharon Christenson, et al	635/420	144.26
25	22-43	Loretta Louise Baker	253/131	38.97
26	28-9	David & Cheryl L. Barrick	263/606	87.53
27	28-31	Victor A. & Lorraine B. Weekley	AR49/717	226.25
28	22-37	B.W. Weekley	107/562	15.78
29	22-47	Tom J. & Jean A. Gump	628/629	24.66
30	28-7	Randall L. & Kathryn M. Wise	442/85	9.00
31	28-32	B.W. Weekley	107/562	33.31
32	28-8	Robert L. & Carolee J. Daniell	WB 43/267	30.00
33	28-31.7	Kordell Stewart & Katelyn Gogan	640/473	9.62
34	28-31.14	Ray Howe	363/416	0.51
35	28-31.18	Lorraine Weekley	AR49-717	0.08
36	28-31.16	William Morgan	374/472	0.50
37	28-31.12	William Morgan	374/472	1.00
38	28-31.15	James & Peggy Morgan	525/214	0.81
39	28-31.19	James & Peggy Morgan	377/10	0.14
40	28-31.9	James & Peggy Morgan	525/214	1.38
41	28-31.11	Ray Howe	356/678	1.27
42	28-31.13	Ray Howe	361/436	2.06
43	28-31.5	Kordell Stewart & Katelyn Gogan	640/473	1.75
44	28-31.6	Kordell Stewart & Katelyn Gogan	640/473	3.00
45	28-31.4	Victor & Lorraine Weekley	AR 49/717	3.64
46	28-31.8	Victor & Lorraine Weekley	AR 49/717	2.78
47	28-31.10	Danny Swiger & Peggy Smith	356/675	4.00
48	28-31.3	David Lantz & Rita Parr	618/689	5.00
49	28-30	Keith C. Smith	WB 35/228	30.13
50	5-9	Keith A. Riegelsberger	376/828	43.23
51	28-29	Keith C. Smith	WB 35/228	167.03
52	5-8	James L. & James C. Fitzpatrick	199/171	13.11
53	28-28	Ronald & Linda Hoover	184/383	136.22
54	5-5	Earnley Owens et al	WB 33/418	75.00
55	5-4	William D. Jr. & Saturina M. Morrison	341/35	52.78
56	21-53	Haessly Land & Timber, LLC	337/101A	89.88

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	Alfred Lonzo Eddy
H	Roberta L. Schickler
I	Ridgetop Capital II, LP
J	Ridgetop Capital II, LP
K	Majorie R. Asher Longston, et vir
L	Haessly Land & Timber, LLC
M	United Spinal Association
N	Anthony B. Parr
O	E. Lorna Howard Testamentary Trust
P	Loretta L. Baker
Q	Heritage Resources - Marcellus Minerals, LLC
R	Kendra K. Wyke
S	Rebecca Lynn Gebhardt
T	Randall L. Wise, et ux
U	Carolee J. Daniell
V	Richard L. White II
W	Keith C. & Phyllis J. Smith
X	Ronald L. Hoover, et ux
Y	Rodney A. Nash, et ux
Z	Randy Nash, et ux

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