

9,076' to Bottom Hole

6,371' to Top Hole

TOP HOLE LATITUDE 39 - 35 - 00
BTM HOLE LATITUDE 39 - 37 - 30

LONGITUDE 80 - 42 - 30

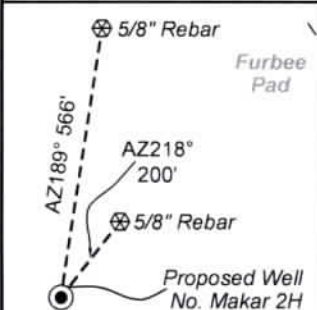
6,557' to Bottom Hole

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

Antero Resources Corporation

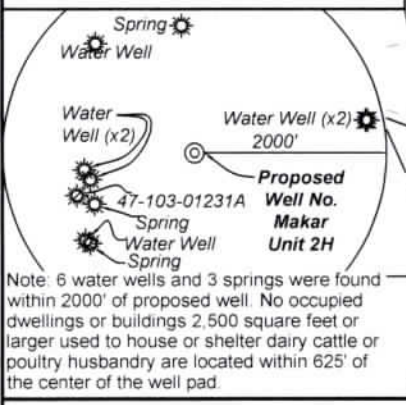
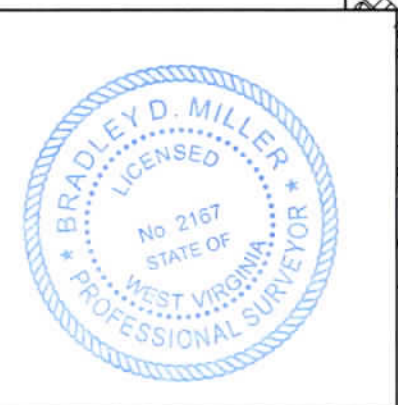


Well Location References (NTS)



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



FILE NO: 53-34-G-23
DRAWING NO: Makar Unit 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: September 6 2023
OPERATOR'S WELL NO. Makar Unit 2H
API WELL NO
47 - 103 - 03588
STATE COUNTY PERMIT

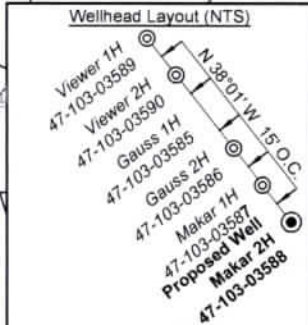
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: As-Built 1211' WATERSHED: Fishing Creek QUADRANGLE: Pine Grove
DISTRICT: Green COUNTY: Wayne
SURFACE OWNER: Antero Resources Corp. ACREAGE: 58.1
ROYALTY OWNER: James Allen Sell LEASE NO: ACREAGE: 58.1
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL MOD 7,500' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 29,500' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Kevin Ellis
ADDRESS: 1615 Wynkoop Street ADDRESS: 535 White Oaks Blvd.
Denver, CO 80202 Bridgeport, WV 26330

Notes
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Makar Unit 2H Top Hole coordinates are
N 387,167.58' Latitude: 39°33'23.30"
E 1,652,940.42' Longitude: 80°43'51.35"
Bottom Hole coordinates are
N 405,606.65' Latitude: 39°36'25.20"
E 1,650,483.55' Longitude: 80°44'25.96"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N 4,378,575.487m N 4,384,180.590m
E 523,131.011m E 522,288.933m
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. Makar Unit 2H UTM Zone 17, NAD 1927
Top Hole Coordinates
N 14,364,660.89'
E 1,716,257.39'
Point of Entry Coordinates
N 14,365,938.92'
E 1,719,229.74'
Bottom Hole Coordinates
N 14,383,050.22'
E 1,713,493.98'

	Bearing	Dist.
L1	S 66°11' W	1,875.8'
L2	S 89°37' W	1,934.7'
L3	N 85°14' E	1,652.5'
L4	S 89°57' E	1,680.0'
L5	N 67°41' E	3,236.6'



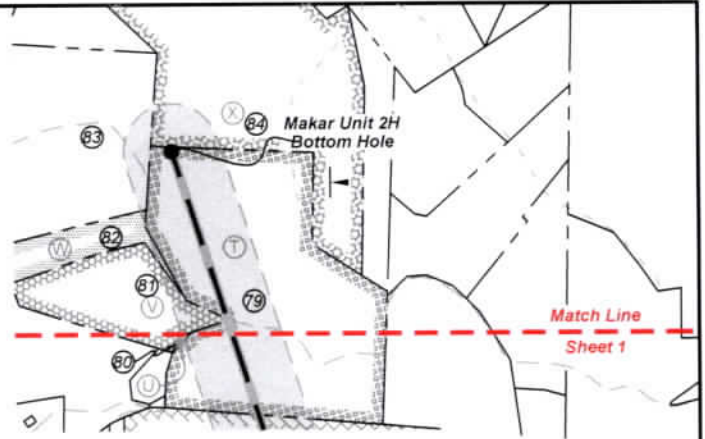
Legend

- 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.)

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

Antero Resources Corporation

Page 2 of 3



Leases	
A	James Allen Sell
B	William R. Stalnaker
C	Marilyn Halley Seeley
D	Tribune Resources Minerals, LLC
E	Tribune Resources Minerals, LLC
F	Marcella K. Harrison
G	Linda Darlene Straight
H	CSX Transportation, Inc.
I	WVDNR
J	Jenkins Miller
K	Antero Minerals, LLC
L	Antero Minerals, LLC

Leases	
M	Antero Minerals, LLC
N	Antero Minerals, LLC
O	Antero Minerals, LLC
P	Chesapeake Appalachia, LLC
Q	BRC Minerals, LP & BRC Appalachian Minerals, LLC
R	DWG Oil & Gas Acquisitions, LLC
S	Shiben Estates, Inc.
T	Chesapeake Appalachia, LLC
U	Elizabeth P. Orner
V	Donzel A. Hornbeck
W	Elizabeth P. Orner
X	Antero Minerals, LLC

ID	TM-Par	Owner	Bk/Pg	Acres
1	17-12	Antero Resources Corp.	483/888	58.10
2	17-1	Antero Resources Corp.	483/888	15.35
3	17-60	Ross Bucher	411/765	79.00
4	13-71	Charles R. & Kay L. Blair	387/577	63.11
5	17-2	Clarence L. & Carol J. Lancaster	287/357	0.50
6	17-3	Bradford Highley	386/607	17.00
7	17-14	Bradford Highley	386/607	18.53
8	17-14.2	Michael & Tammy Lemasters	384/10	2.18
9	13-71.1	Clarence L. & Carol J. Lancaster	387/266	19.19
10	17-3.1	Bradford D. Highley	386/607	1.00
11	13-72	Straight Cemetery	---/---	0.45
12	17-4	James Straight	223/193	10.8
13	17-5	Coastal Forest Resources	444/105	90.00
14	13-78	Sebastian, Jr. & Marcella Harrison	281/94	25.37
15	13-73	James Straight, et al	WB67/427	14.60
16	13-65.3	David Pigott	416/367	0.76
17	13-65.4	Raye Anne Lloyd	445/660	2.99
18	xx-xx	WV State Road Commission	162/497	0.90
19	13-65	Raye Anne Lloyd	445/660	18.01
20	30-55	James D. Glasscock II	377/180	0.81
21	13-64	Loraine Highley	WB81/258	5.64
22	13-54	Loraine Highley	WB81/258	20.17
23	30-51	Wayne Morrison	366/58	1.00
24	13-54.1	Michelle M. Thomas	428/641	1.05
25	13-54.3	Ethel L. Highley	WB81/258	0.38
26	30-50	Forrest L. & Anna Jane Tennant	228/278	0.22
27	30-49	Forrest L. & Anna Jane Tennant	218/4	0.45
28	30-48	Forrest L. & Anna Jane Tennant	238/203	0.22
29	13-53	Roma Adams	WB51/289	0.52
30	13-53	Roma Adams	WB51/289	0.52
31	13-53.3	Roma Adams	WB51/289	0.23
32	13-53.3	Roma J. Adams	364/61	0.46
33	13-54.2	Ronald M. & Pamela Ann Jackson	315/524	3.35
34	13-37	Debra Ann Hengee, et al	398/447	2.00
35	13-37.1	Jeffrey D. Brown	394/491	1.00
36	13-52	Johnny E. & Catherine Sue Efaw	428/475	0.92
37	13-50.1	Christopher & Alona Kocher	442/218	0.30
38	13-51.1	Christopher & Alona Kocher	442/218	0.18
39	30-29	Chad A. Pittman	397/351	1.01
40	13-51	Christopher M. Kocher	435/282	---
41	30-28	Flora L. Trader, et al	WB74/931	0.91
42	13-50	Jeremy S. & Sarah J. Kinczel	423/446	0.53

ID	TM-Par	Owner	Bk/Pg	Acres
43	30-25	Edward E. Martin Jr. & Violet Lorraine Martin	428/427	0.69
44	30-24	Edward E. Martin Jr. & Violet Lorraine Martin	428/427	0.23
45	13-48	Wetzel County PSD #1	373/484	0.23
46	13-48.1	Wetzel County PSD #1	373/486	0.34
47	13-49	Johnny E. & Catherine Sue Efaw	428/475	0.20
48	30-46	David L. & Freda V. Cunningham	283/252	0.34
49	30-47	David L. Cunningham	WB42/436	0.75
50	13-33.7	Michael A. McDiffitt	388/298	0.44
51	13-33.9	Ida Racqueal Ring	420/906	0.45
52	13-33.10	Timothy L. & Tammy L. McDiffitt	369/577	0.64
53	13-33.5	Terrell K. Haught	370/320	0.72
54	13-33.4	Francis Lee & Mary F. Arnolds	379/187	1.29
55	13-33.2	Richard D. & Jacqueline M. Bucher	329/595	0.20
56	13-33.11	Richard D. & Jacqueline M. Bucher	372/601	2.00
57	30-6.2	James C. & Corinna L. Tennant	373/178	1.18
58	30-5.1	Travis C. Ice & Mandy Barker	391/275	0.25
59	30-5.3	Michael D. Lloyd	431/490	0.45
60	30-4.1	Michael D. Lloyd	431/490	0.43
61	30-4.5	Travis C. & Amanda J. Ice	395/346	0.32
62	30-3.1	Phyllis L. Willey	WB41/389	0.83
63	30-2	Wallace E. & Daisy M. Kendall	289/476	1.75
64	30-1	Robert C. & Heidi M. Brown	428/14	1.75
65	13-32.3	Board of Education	282/414	12.39
66	13-32.4	James F. & Gearldine Haught	282/436	0.13
67	13-26.4	James F. & Gearldine Haught	226/69	0.30
68	13-26.5	Stanley & Mary Jo Pittman	284/657	14.72
69	13-26.3	Chad Andrew Pittman & Andrea Danielle Highly	395/636	0.68
70	13-25.1	Dennis & Diane K. Howell	289/271	2.37
71	13-25	Wayne & Brenda Balwanz	440/693	12.15
72	13-25.2	Diane K. Howell	416/682	10.20
73	13-14.6	Ronald S. Anderson	393/630	23.90
74	13-14	Ronald S. Anderson	399/387	32.80
75	13-7	WSD Properties LLC	441/793	162.00
76	8-41	Nancy Hatfield	267/370	60.00
77	9-41	WSD Properties	441/793	48.00
78	8-28	Nancy B. Hatfield	474/48/1	449.48
79	3-37	Carlton J. Hornbeck	250/263	118.00
80	8-7	Carlton J. Hornbeck	259/335	0.25
81	3-36	Donzel A. Hornbeck	459/560	35.00
82	3-35	Richard Hornbeck, et al	483/191	19.50
83	3-27	Ronald E. Wade	433/785	100.00
84	3-28	Richard D. Hornbeck	483/191	120.00

FILE NO: 53-34-G-23
DRAWING NO: Makar Unit 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: September 6 2023
OPERATOR'S WELL NO. Makar Unit 2H
API WELL NO
47 - 103 - 03588
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built 1211' WATERSHED: Fishing Creek QUADRANGLE: Pine Grove
DISTRICT: Green COUNTY: Wayne
SURFACE OWNER: Antero Resources Corp ACREAGE: 58.1
ROYALTY OWNER: James Allen Sell LEASE NO: ACREAGE: 58.1
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL MOD 7,500' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 29,500' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Kevin Ellis
ADDRESS: 1615 Wynkoop Street ADDRESS: 535 White Oaks Blvd
Denver, CO 80202 Bridgeport, WV 26330

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

Antero Resources Corporation



FILE NO: 53-34-G-23
 DRAWING NO: Makar Unit 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: September 6 2023
 OPERATOR'S WELL NO. Makar Unit 2H
 API WELL NO
47 - 103 - 03588
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built 1211' WATERSHED: Fishing Creek QUADRANGLE: Pine Grove
 DISTRICT: Green COUNTY: Wayne
 SURFACE OWNER: Antero Resources Corp ACREAGE: 58.1
 ROYALTY OWNER: James Allen Sell LEASE NO: _____ ACREAGE: 58.1
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL MOD 7,500' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 29,500' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Kevin Ellis
 ADDRESS: 1615 Wynkoop Street ADDRESS: 535 White Oaks Blvd.
Denver, CO 80202 Bridgeport, WV 26330

09/29/2023