

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

Antero Resources Corporation



Sheet 1 of 2

9,975' to Top Hole

8,750' to Bottom Hole

LATITUDE 39 - 35 - 00

Notes
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements. Well No. Welder Unit 2H Top Hole coordinates are N: 384,130.17' Latitude: 39°32'52.79" E: 1,649,294.99' Longitude: 80°44'37.35" Bottom Hole coordinates are N: 389,006.09' Latitude: 39°33'41.15" E: 1,650,585.92' Longitude: 80°44'21.73" UTM Zone 17, NAD 1983 Top Hole Coordinates Bottom Hole Coordinates N: 4,377,631.546m N: 4,379,123.611m E: 522,035.796m E: 522,404.355m Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.

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
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4	17-58	Pennie Baker	411/735	42.41
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23	13-68.2	John R. & Johnna S. Harter	437/873	2.87
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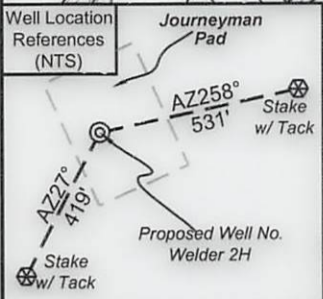
GRID NORTH

LONGITUDE 80 - 42 - 30

7,978' to Bottom Hole

12,871' to Top Hole

	Bearing	Dist.
L1	S 81°32' E	1,609.4'
L2	S 06°59' W	820.7'
L3	S 23°26' W	1,888.6'
L4	S 64°57' W	961.5'
L5	N 54°24' E	2,863.6'



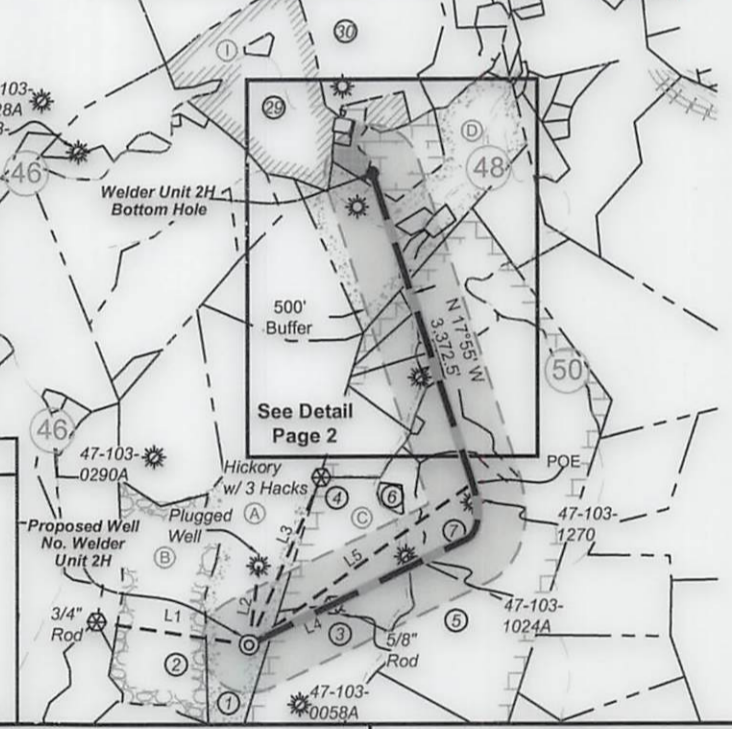
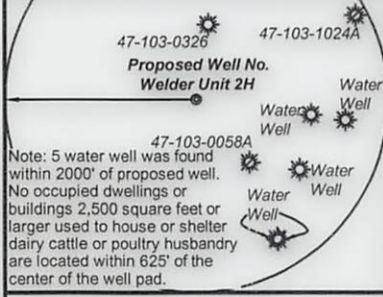
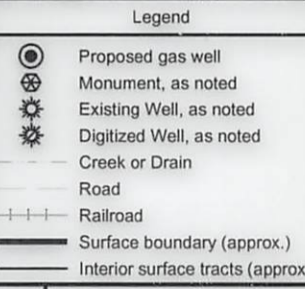
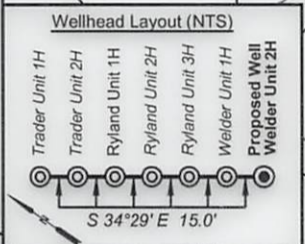
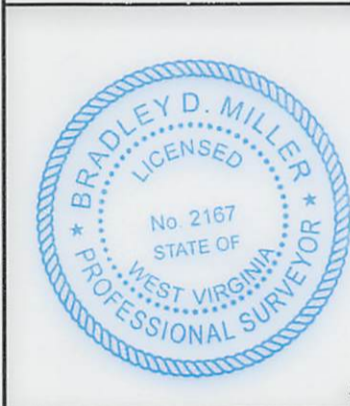
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Bradley D. Miller, P.S. 2167

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Well No. Welder Unit 2H UTM Zone 17, NAD 1927
Top Hole Coordinates
N: 14,361,564.10'
E: 1,712,664.37'
Point of Entry Coordinates
N: 14,363,269.13'
E: 1,714,963.89'
Bottom Hole Coordinates
N: 14,366,459.24'
E: 1,713,873.33'

Leases

A	Pamela Ann Palmer Emch
B	BRC Appalachian Minerals I LLC
C	William R. Stalnaker
D	Antero Minerals LLC
E	John Ronald Harter, et ux
F	Dean H. Bucher
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FILE NO: 135-34-G-18
DRAWING NO: Welder 2H Well Plat
SCALE: 1" = 2000'
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

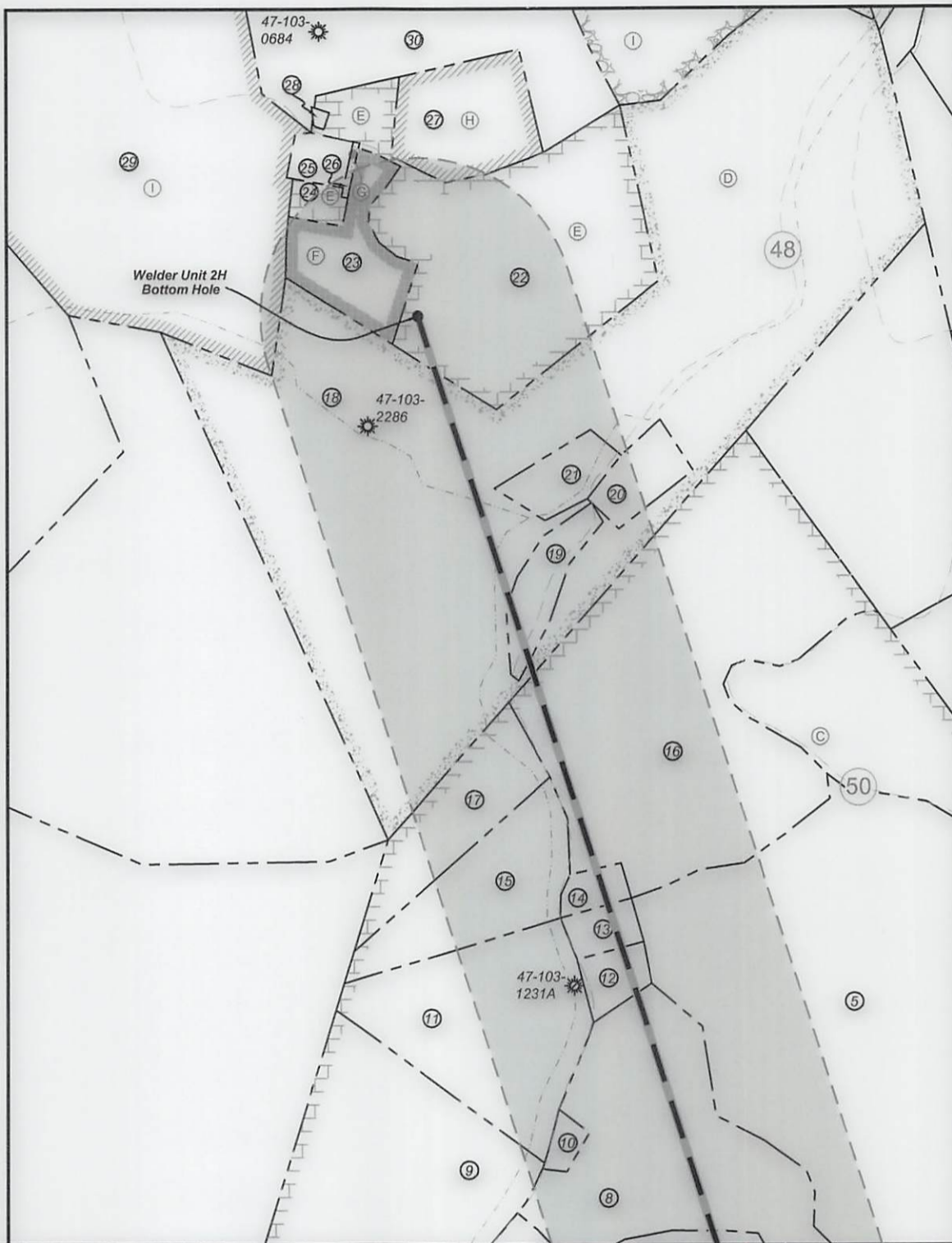
DATE: August 30 2021
OPERATOR'S WELL NO. Welder Unit 2H
API WELL NO
47 - 103 - 02462
STATE COUNTY PERMIT

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 COUNTY: Wetzel DATE: 8/12/2021
SURFACE OWNER: Corporation ACREAGE: 47.5
ROYALTY OWNER: Pamela Ann Palmer Emch; William R. Stalnaker; Antero Minerals, LLC; John Ronald Harter, et ux; LEASE NO: ACREAGE: 75.6; 14.56; 537.11875; 47.5
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ 7,400' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 14,300' 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. Welder 2H

Antero Resources Corporation




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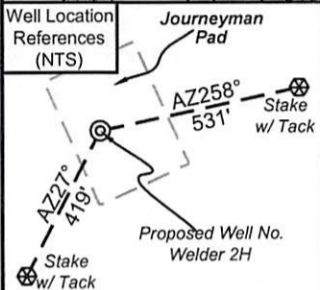
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LONGITUDE 80 - 42 - 30

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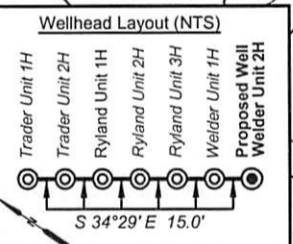
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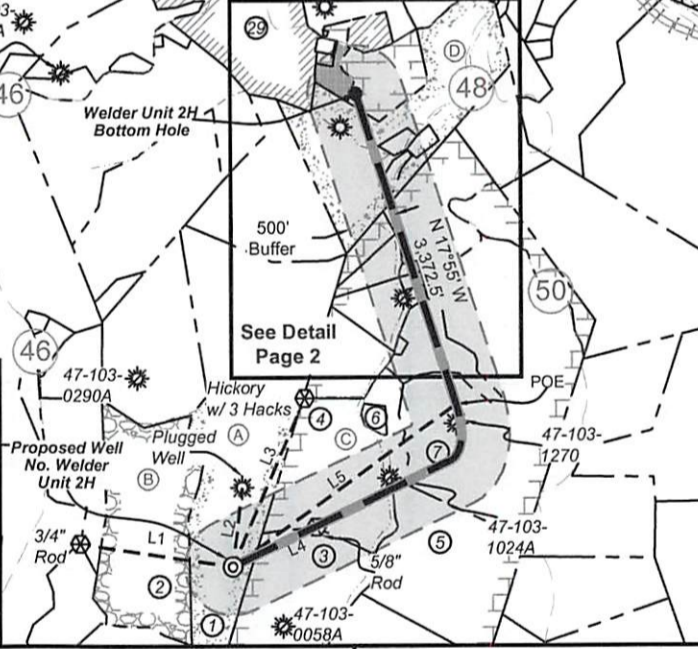
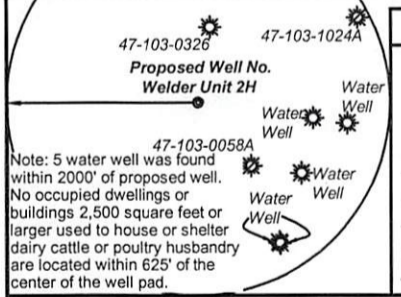
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Legend

- 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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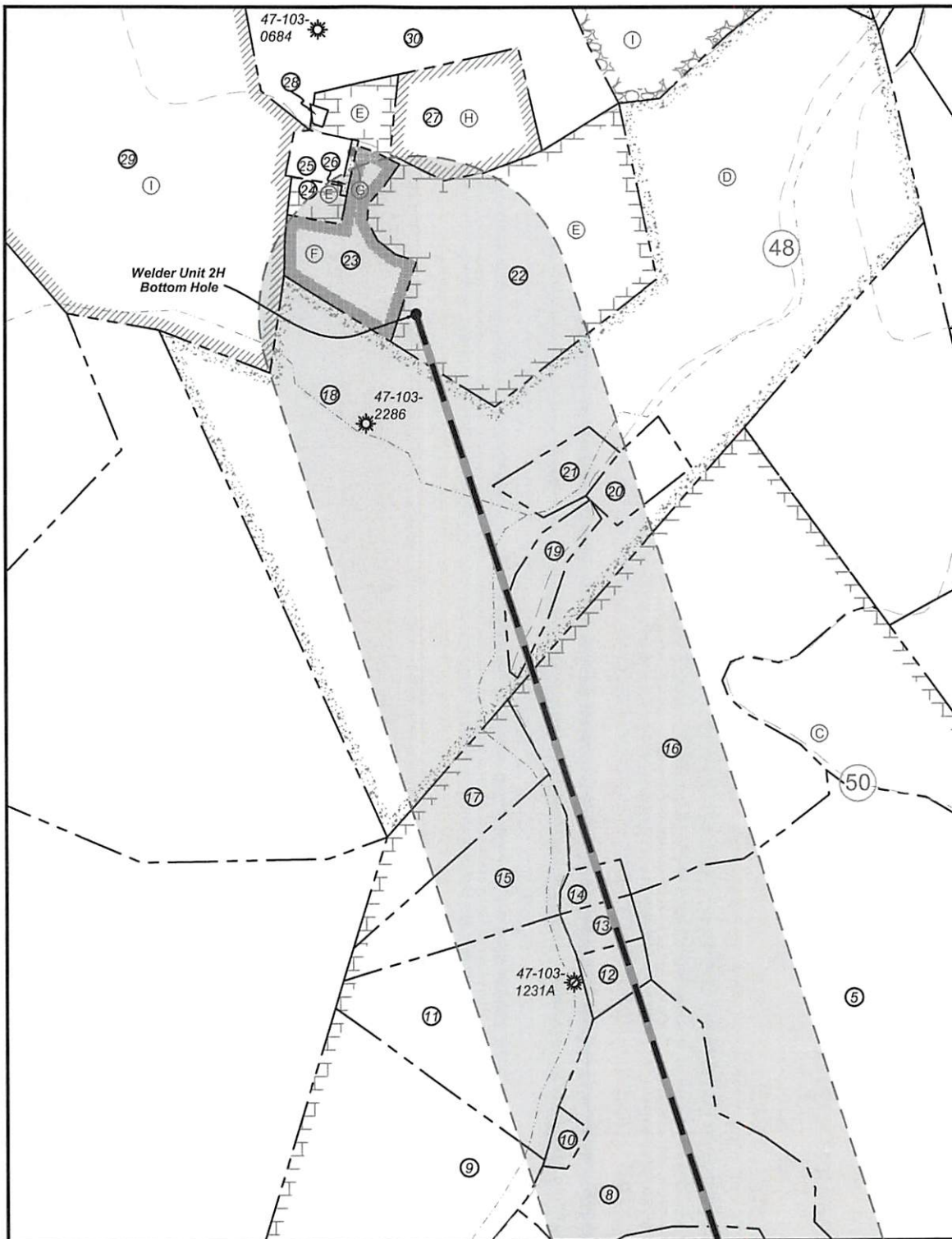
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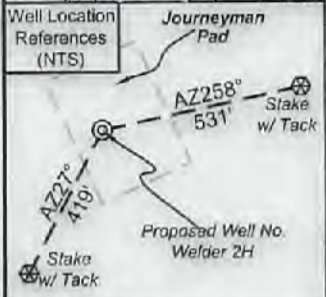
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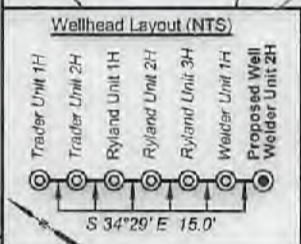
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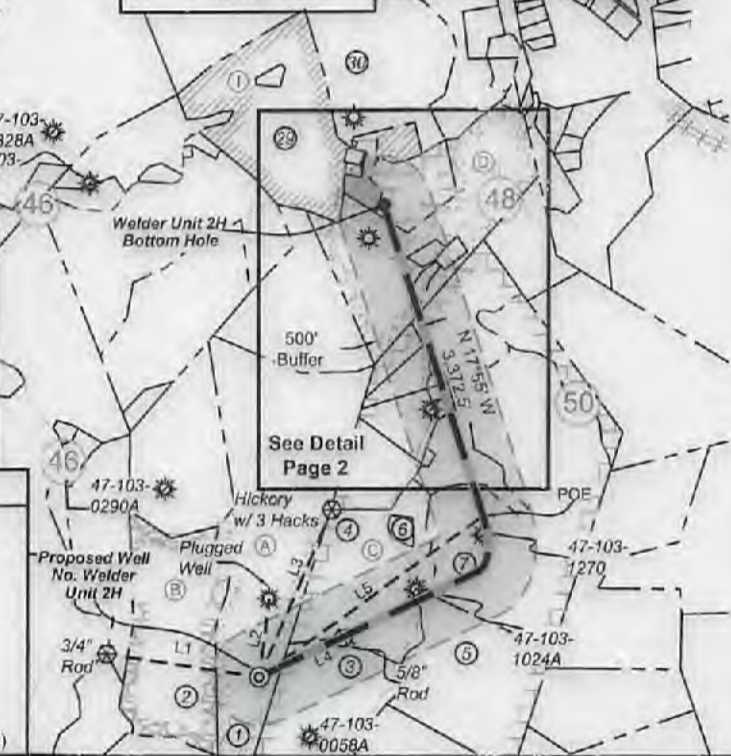
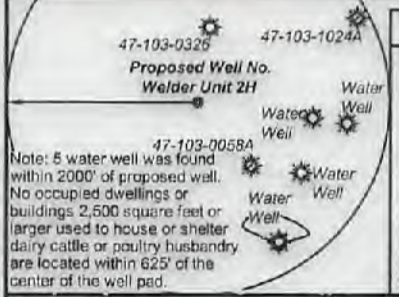
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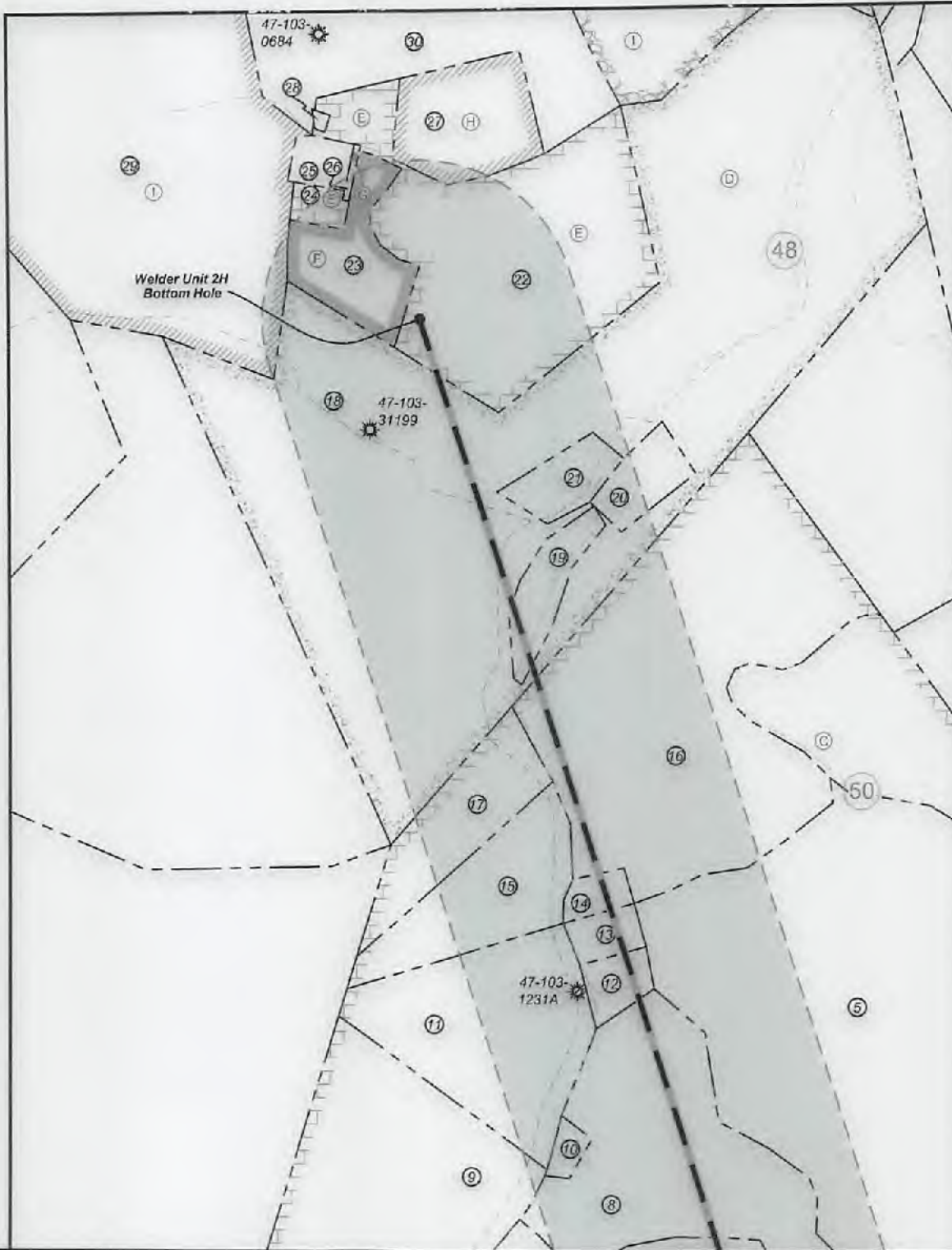
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 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 14,300' MD 7,400' TVD

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. Welder 2H**

Antero Resources Corporation



FILE NO: 135-34-G-18
 DRAWING NO: Welder 2H Well Plat
 SCALE: 1" = 2000'
 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: November 5 2021
 OPERATOR'S WELL NO. Welder Unit 2H
 API WELL NO
 47 - 103 - 03462 14
 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: TOP Hole: Pine Grove
 BTM Hole: Porter Falls

DISTRICT: Green Antero Resources
 SURFACE OWNER: Corporation

COUNTY: Wetzel
 ACREAGE: 47.5

ROYALTY OWNER: Pamela Ann Palmer Emch; William R. Stalnaker; Antero Minerals, LLC; John Ronald Harter, et ux; LEASE NO: ACREAGE: 75.6; 14.56; 537.11875; 47.5

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 14,300' MD

WELL OPERATOR: Antero Resources Corporation
 ADDRESS: 1615 Wynkoop Street
 Denver, CO 80202

DESIGNATED AGENT: Dianna Stamper - CT Corporation System
 ADDRESS: 5400 D Big Tyler Road
 Charleston, WV 25313

11/12/2021

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

Antero Resources Corporation



Sheet 1 of 2

9,975' to Top Hole

8,750' to Bottom Hole

LATITUDE 39 - 35 - 00

Notes
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements. Well No. Welder Unit 2H Top Hole coordinates are N: 384,130.17' Latitude: 39°32'52.79" E: 1,649,291.99' Longitude: 80°44'37.35" Bottom Hole coordinates are N: 389,006.09' Latitude: 39°33'41.15" E: 1,650,585.92' Longitude: 80°44'21.73" UTM Zone 17, NAD 1983 Top Hole Coordinates: N: 4,377,631,546m E: 522,035,796m Bottom Hole Coordinates: N: 4,379,123,611m E: 522,404,355m Flat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.

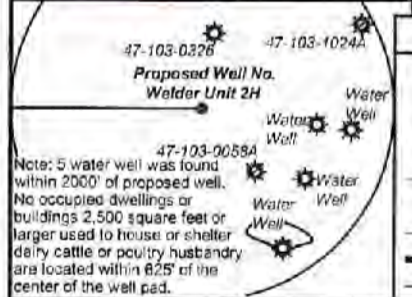
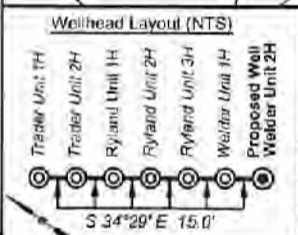
ID	TM/Par	Owner	Bk/Pg	Acres
1	16-26	Antero Resources Corporation	474/713	47.80
2	16-25	Antero Resources Corporation	474/713	39.00
3	17-22	Perry D. Bucher	411/759	37.85
4	17-58	Pennie Baker	411/735	42.41
5	17-23	Michael Steven Blinkman	461/443	40.10
6	17-56	Pennie R. & Richard K. Bauer	366/273	1.63
7	17-60	Ross Bucher	411/765	79.00
8	17-59	Pennie Baker	446/344	12.61
9	17-15.1	Douglas Alan & Shirley Joann Bucher	442/718	12.41
10	17-15.8	Ross William Bucher, Jr.	411/765	0.37
11	17-15.7	Jarany & Terry Bucher	385/108	7.37
12	17-15.2	Ross William Bucher, Jr.	411/765	0.84
13	17-15.3	Ross William Bucher, Jr.	292/329	0.73
14	17-15.4	Steven C. & Bertie G. Blinkman	292/332	0.57
15	17-15.8	Jeremy & Terry Bucher	385/108	4.14
16	17-57	Steven C. & Bertie G. Blinkman	386/243	20.80
17	17-15.5	Jeremy & Terry Bucher	427/509	2.13
18	13-69	Donald L. Mason	410/759	89.61
19	13-69.4	David P. & Jami D. Morris	450/428	1.47
20	13-69.3	David P. & Jami D. Morris	364/9	1.25
21	13-69.2	Carol S. Bishop	344/568	1.25
22	13-68	John Ronald & Johnna Shay Harter	437/887	14.82
23	13-68.2	John R. & Johnna S. Harter	437/873	2.87
24	XX-XX	Milburn Cemetery Association	299/524	0.52
25	13-56	Milburn Cemetery Association	-/-	0.64
26	13-68.3	Milburn Cemetery Association	440/710	0.07
27	13-68.1	Charles M. Haught	315/642	3.44
28	XX-XX	Wetzel County Public Service District	433/649	0.06
29	13-55	John P. Workman, Jr.	W53/535	48.97
30	13-43	John R. & Johnna S. Harter	437/887	46.25

Bearing	Dist
L1 S 81°32' E	1,609.4'
L2 S 06°59' W	820.7'
L3 S 23°26' W	1,888.0'
L4 S 64°57' W	961.5'
L5 N 54°24' E	2,863.8'



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
 --- Railroad
 --- Surface boundary (approx.)
 --- Interior surface tracts (approx.)

Notes
Well No. Welder Unit 2H UTM Zone 17, NAD 1927 Top Hole Coordinates N: 14,361,564.10' E: 1,712,664.37' Point of Entry Coordinates N: 14,363,269.13' E: 1,714,963.89' Bottom Hole Coordinates N: 14,365,459.24' E: 1,713,873.33'

Leases

A	Pamela Ann Palmer Emch
B	BRC Appalachian Minerals I LLC
C	William R. Stalnaker
D	Antero Minerals LLC
E	John Ronald Harter, et ux
F	Dean H. Bucher
G	Dean H. Bucher
H	Dean H. Bucher
I	Dean H. Bucher

FILE NO: 135-34-G-18
DRAWING NO: Welder 2H Well Plat
SCALE: 1" = 2000'
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

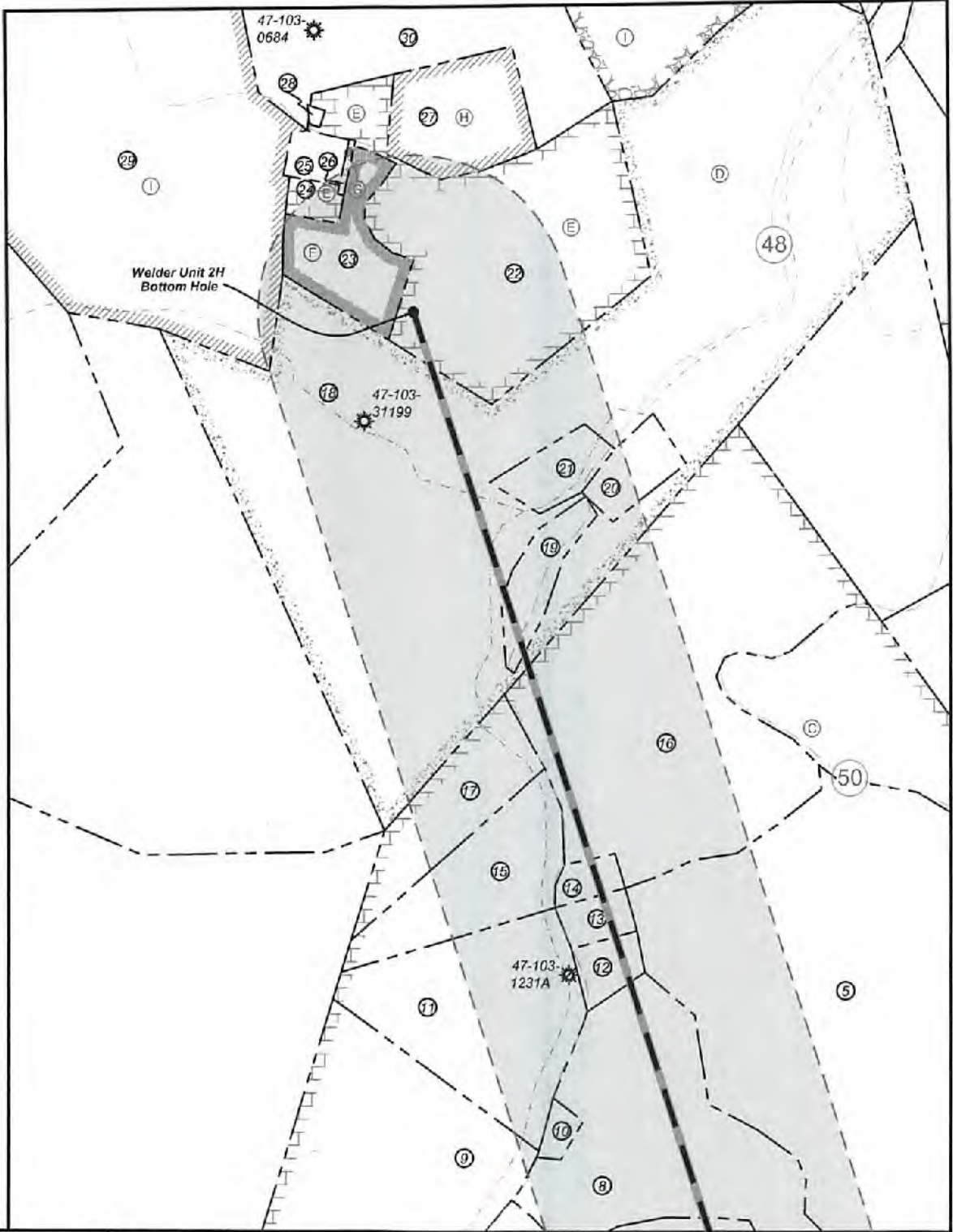
DATE: November 5, 2021
OPERATOR'S WELL NO. Welder Unit 2H
API WELL NO. 47-103-0946246
STATE COUNTY PERMIT

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 COUNTY: Wetzel 11/12/2021
SURFACE OWNER: Corporation ACREAGE: 47.5
ROYALTY OWNER: Pamela Ann Palmer Emch; William R. Stalnaker; Antero Minerals, LLC; John Ronald Harter, et ux; LEASE NO: ACREAGE: 75.6, 14.56; 537, 118.75; 47.5
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; 14,300' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stampler - CT Corporation System
ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road
Denver, CO 80202 Charleston, WV 25313

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

Antero Resources Corporation



FILE NO: 135-34-G-18
 DRAWING NO: Welder 2H Well Plat
 SCALE: 1" = 2000'
 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: November 5 2021
 OPERATOR'S WELL NO. Welder Unit 2H
 API WELL NO
47 — 103 — 08462 469
 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: TOP Hole: Pine Grove
BTM Hole: Porter Falls
 DISTRICT: Green Antero Resources COUNTY: Wetzel DATE: 11/12/2021
 SURFACE OWNER: Corporation ACREAGE: 47.5
 ROYALTY OWNER: Pamela Ann Palmer Emch; William R. Stalnaker; Antero Minerals, LLC; John Ronald Harter, et ux; LEASE NO: _____ ACREAGE: 75.6; 14.56;
537.11875; 47.5
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 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,400' TVD
14,300' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System
 ADDRESS: 1815 Wynkoop Street ADDRESS: 5400 D Big Tyler Road
Denver, CO 80202 Charleston, WV 25313

9,975' to Top Hole

8,750' to Bottom Hole

LATITUDE 39 - 35 - 00

Antero Resources Well No. Welder 2H

Antero Resources Corporation

Sheet 1 of 2



Notes
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements. Well No. Welder Unit 2H Top Hole coordinates are
N: 384,130.17' Latitude: 39°32'52.79"
E: 1,649,294.99' Longitude: 80°44'37.35"
Bottom Hole coordinates are
N: 389,006.09' Latitude: 39°33'41.15"
E: 1,650,585.92' Longitude: 80°44'21.73"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,377,631.546m N: 4,379,123.611m
E: 522,035.796m E: 522,404.355m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

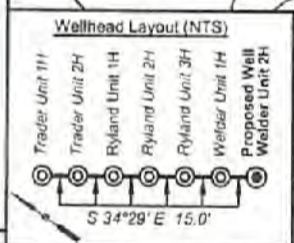
ID	TM/Par	Owner	Bk/Pg	Acres
1	16-26	Antero Resources Corporation	474/713	47.50
2	16-25	Antero Resources Corporation	474/713	39.00
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4	17-58	Pennie Baker	411/735	42.41
5	17-23	Michael Steven Blinkman	461/443	40.10
6	17-56	Pennie R. & Richard K. Bauer	366/273	1.63
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9	17-15.1	Douglas Alan & Shirley Joann Bucher	442/716	12.41
10	17-15.8	Ross William Bucher, Jr	411/765	0.37
11	17-15.7	Jeremy & Terry Bucher	365/106	7.37
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15	17-15.6	Jeremy & Terry Bucher	365/106	4.14
16	17-57	Steven C. & Bertie G. Blinkman	368/243	20.60
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19	13-69.4	David P. & Jami D. Morris	450/426	1.47
20	13-69.3	David P. & Jami D. Morris	364/9	1.25
21	13-69.2	Carol S. Bishop	344/568	1.25
22	13-68	John Ronald & Johanna Shay Harter	437/867	14.62
23	13-68.2	John R. & Jahna S. Harter	437/873	2.87
24	XX-XX	Milburn Cemetery Association	299/524	0.52
25	13-56	Milburn Cemetery Association	—	0.64
26	13-68.3	Milburn Cemetery Association	440/710	0.07
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28	XX-XX	Wetzel County Public Service District	433/649	0.06
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30	13-43	John R. & Johna S. Harter	437/867	46.25

Bearing	Dist.
L1 S 81°32' E	1,609.4'
L2 S 06°59' W	820.7'
L3 S 23°26' W	1,888.6'
L4 S 64°57' W	981.5'
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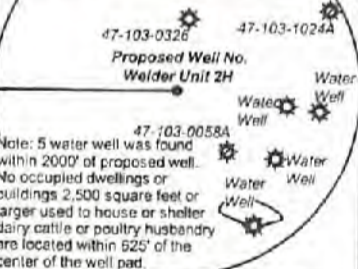
I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

Bradley D. Miller, 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.)



FILE NO: 135-34-G-18
DRAWING NO: Welder 2H Well Plat
SCALE: 1" = 2000'
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: November 5 2021
OPERATOR'S WELL NO. Welder Unit 2H
API WELL NO. 47 - 103 - 03462 H6A
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 COUNTY: Wetzel
SURFACE OWNER: Corporation ACREAGE: 47.5
ROYALTY OWNER: Pamela Ann Palmer Emch; William R. Stalnaker; Antero Minerals, LLC; John Ronald Harter, et ux. LEASE NO: ACREAGE: 75.8, 14.56, 537, 11875, 47.5
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: 14,300' MD 7,400' TVD

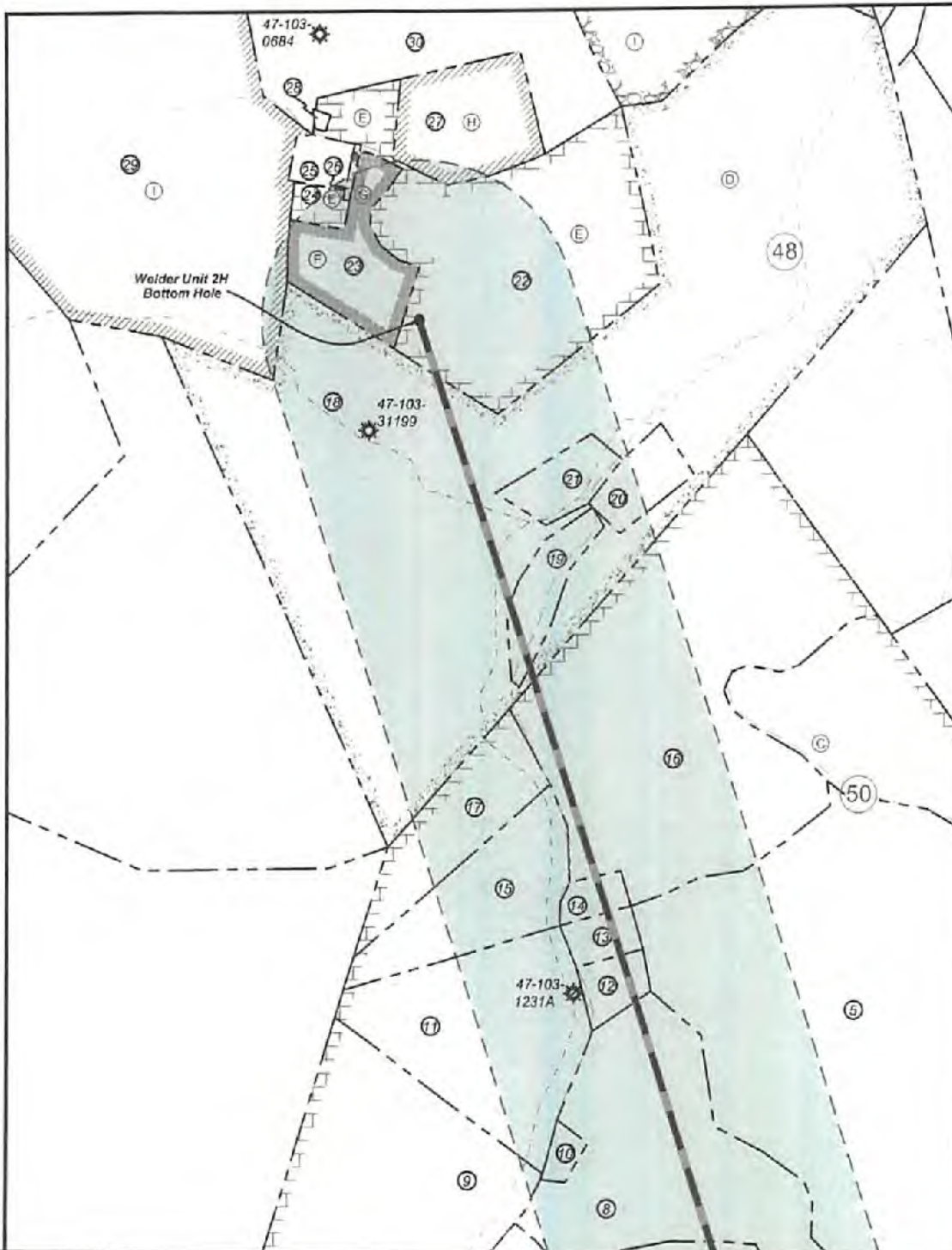
WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System
ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road
Denver, CO 80202 Charleston, WV 25313

11/12/2021

LONGITUDE 80 - 42 - 30
7,978' to Bottom Hole
12,971' to Top Hole

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

Antero Resources Corporation



FILE NO: 135-34-G-18
 DRAWING NO: Welder 2H Well Plat
 SCALE: 1" = 2000'
 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: November 5 2021
 OPERATOR'S WELL NO. Welder Unit 2H
 API WELL NO
47 - 103 - 03462 H6A
 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: TOP Hole: Pine Grove
BTM Hole: Porter Falls
 DISTRICT: Green Antero Resources COUNTY: Wetzel
 SURFACE OWNER: Corporation ACREAGE: 47.5 **11/12/2021**
 ROYALTY OWNER: Pamela Ann Palmer Emch; William R. Stalnaker; Antero Minerals, LLC; John Ronald Harer, et ux; LEASE NO: _____ ACREAGE: 75.6, 14.56;
537.11878; 47.5
 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
14,300' 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



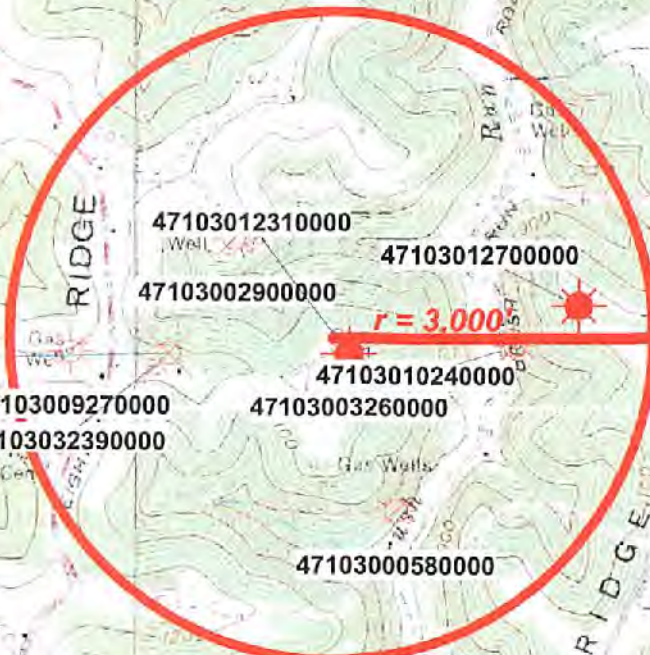
4710303462

CREEK

FISHING
BALTIMORE

Reader

Gas Well
Mylodon
Cem
BM
889
69
70
800
1000
Cem
HM
688
CROW
PIPELINE
Gas Well
BM
715
130



47103012310000
Well
47103012700000
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47103010240000
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RIDGE

RIDGE

FURBE
RIDGE



Antero Resources Corporation

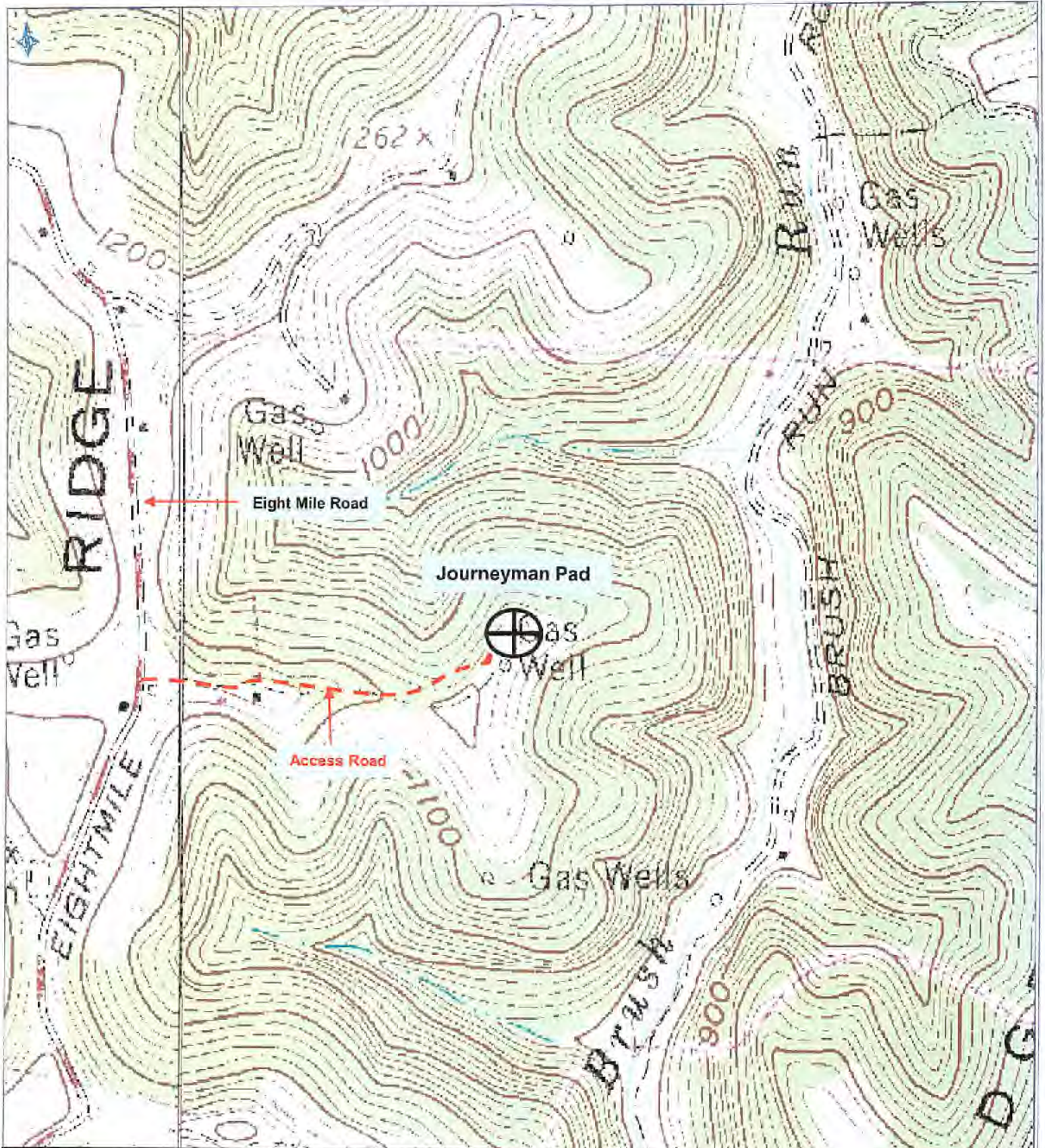
Journeyman Pad



- WELL SYMBOLS**
- Gas Well
 - Pilot Well
 - Plugged Gas Well

October 3, 2019

11/12/2021



Antero Resources Corporation
Appalachian Basin
Journeyman Pad
Wetzel County

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

11/12/2021

