

9,976' to Top Hole

1,217' to Bottom Hole

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

TOP HOLE LONGITUDE 80 - 42 - 30
BTM HOLE LONGITUDE 80 - 45 - 00

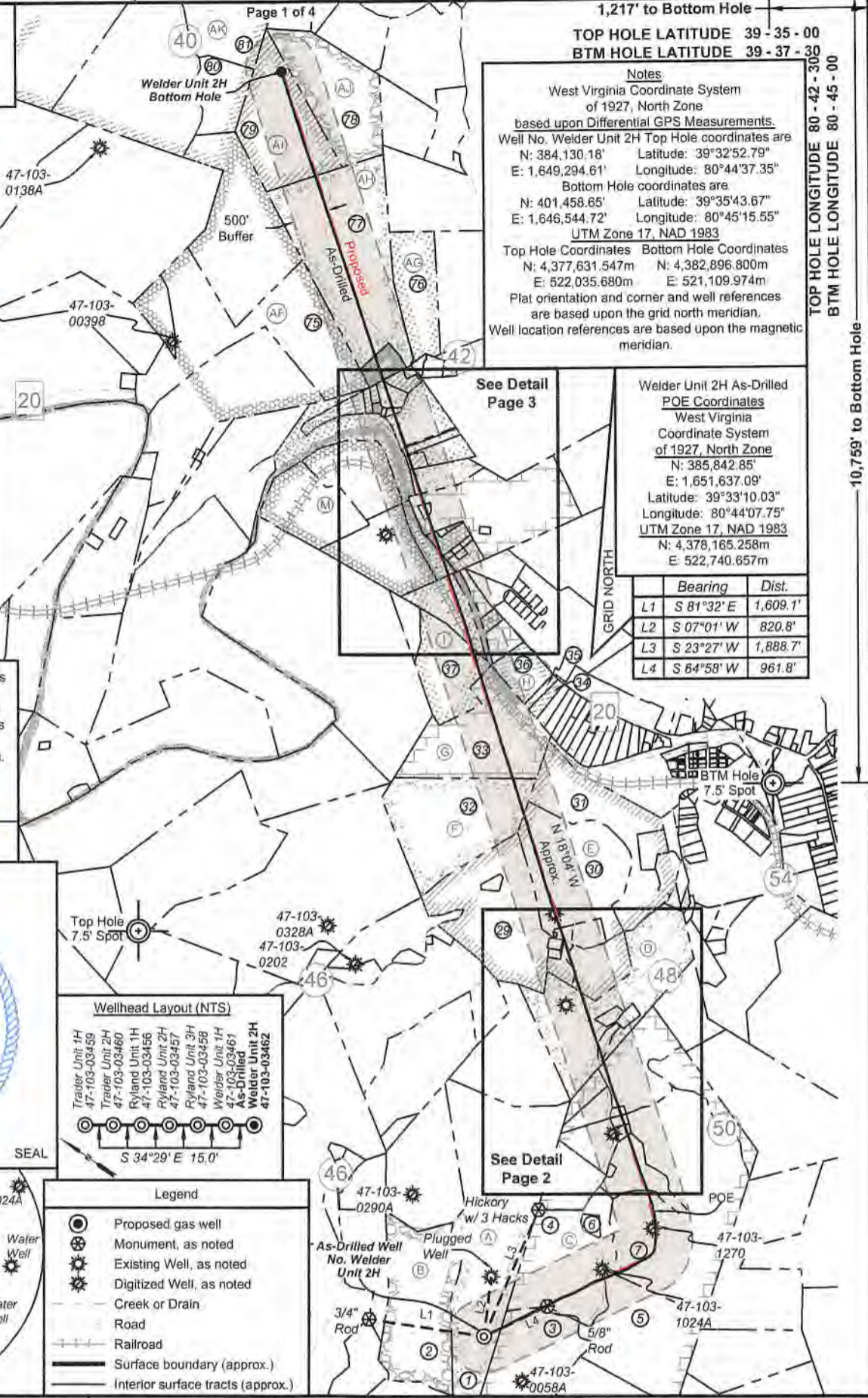
Antero Resources
Well No. Welder 2H
As-Drilled
Antero Resources Corporation



Notes
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Welder Unit 2H Top Hole coordinates are
N: 384,130.18' Latitude: 39°32'52.79"
E: 1,649,294.61' Longitude: 80°44'37.35"
Bottom Hole coordinates are
N: 401,458.65' Latitude: 39°35'43.67"
E: 1,646,544.72' Longitude: 80°45'15.55"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,377,631.547m N: 4,382,896.800m
E: 522,035.680m E: 521,109.974m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

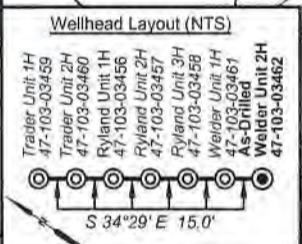
Top Hole Coordinates, As-drilled data, and information was provided by Antero Resources Corporation. Allegheny Surveys Inc. (ASI) is not certifying the data and information provided. ASI is not responsible for any errors or inaccuracies with the data and information that has been provided.

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



Welder Unit 2H As-Drilled POE Coordinates
West Virginia Coordinate System of 1927, North Zone
N: 385,842.85'
E: 1,651,637.09'
Latitude: 39°33'10.03"
Longitude: 80°44'07.75"
UTM Zone 17, NAD 1983
N: 4,378,165.258m
E: 522,740.657m

	Bearing	Dist.
L1	S 81°32' E	1,609.1'
L2	S 07°01' W	820.8'
L3	S 23°27' W	1,888.7'
L4	S 64°58' W	961.8'



- 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.)

47-103-0326 As-Drilled Well No. Welder Unit 2H
47-103-1024A Water Well
47-103-0058A Water Well
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.

FILE NO: 135-34-G-18
DRAWING NO: Welder 2H As-Drilled
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: December 6 20 22
OPERATOR'S WELL NO. Welder Unit 2H
API WELL NO
47 - 103 - 03462
STATE COUNTY PERMIT

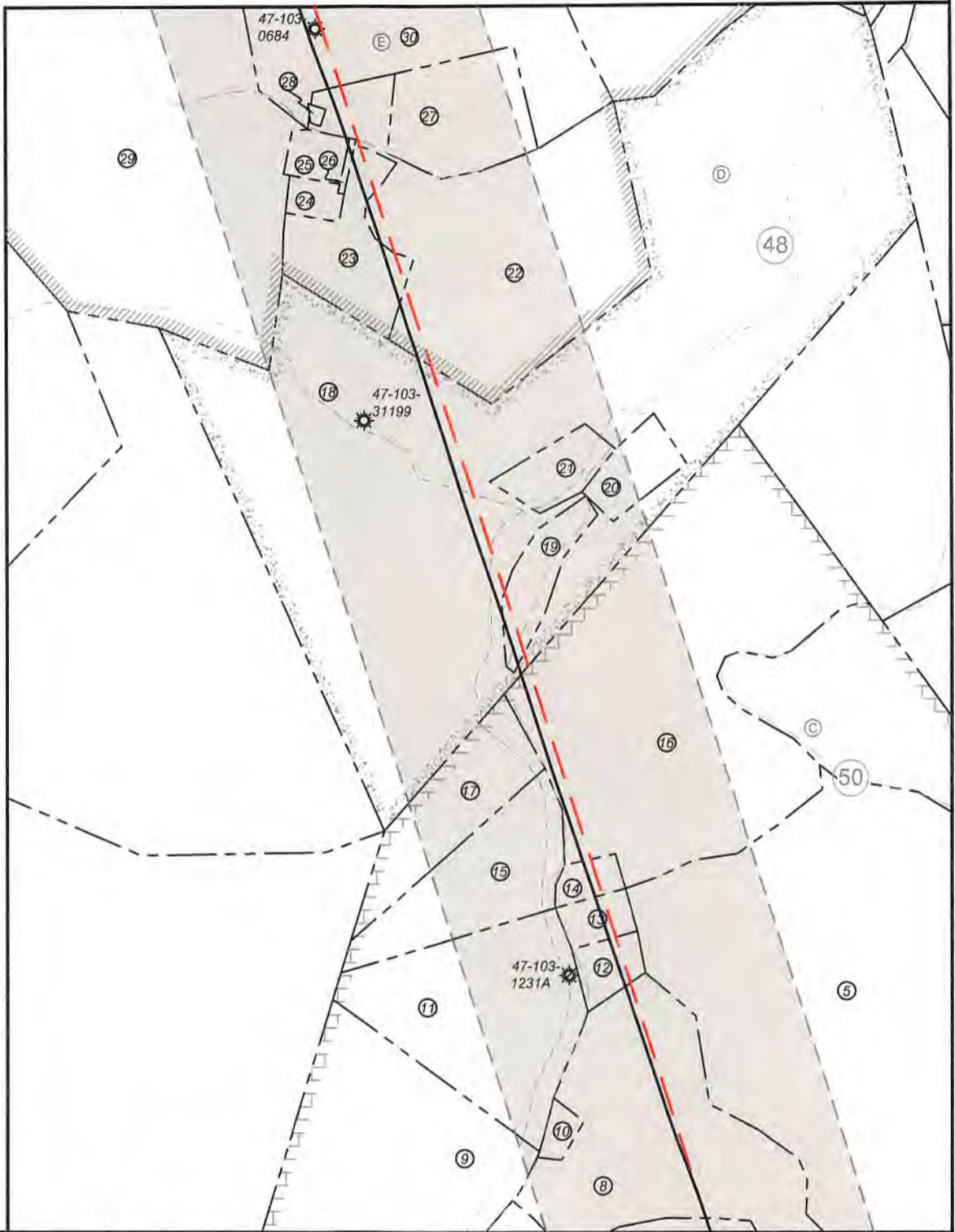
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: As-Built 1,154' WATERSHED: Fishing Creek QUADRANGLE: TOP Hole: Pine Grove 537.11875;
DISTRICT: Green Antero Resources Rocky G. Miracle, et ux; R. Kevin Hall & Ronald L. Hall; H. Dom Higginbotham, et ux COUNTY: Wetzel 47.5 167.650; 50.0
SURFACE OWNER: Corporation Jeffrey D. Brown; Judy Smith; Margaret Lancaster, et vir; ACREAGE: 47.5 47.5 167.650; 50.0
ROYALTY OWNER: Pamela Ann Palmer Emch; William R. Stalnaker; Antero Minerals, LLC; Dean H. Bucher. LEASE NO: ACREAGE: 3.19; 4.5; 76; 43.5
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 24,240' MD 6,925' TVD

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

03/6/2023

Handwritten signature and date: Miller 2/13/23

Antero Resources
Well No. Welder 2H
As-Drilled
 Antero Resources Corporation



FILE NO: 135-34-G-18
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 Submeter
 PROVEN SOURCE OF ELEVATION:
 CORS, Monroe County, OH

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION



DATE: December 6 20 22
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 47 - 103 - 03462
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 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: As-Built 1,154' WATERSHED: Fishing Creek QUADRANGLE: TOP Hole: Pine Grove 537.11875;
 DISTRICT: Green Antero Resources Rocky G. Miracle, et ux; R. Kevin Hall & Ronald L. Hall; H. Dom Higginbotham, et ux COUNTY: Wetzel 47.5; 167.650; 50.157; 152.025;
 SURFACE OWNER: Corporation Jeffrey D. Brown; Judy Smith; Margaret Lancaster, et vir; ACREAGE: 47.5 4.20; 2.71; 39.396;
 ROYALTY OWNER: Pamela Ann Palmer Emch; William R. Stalnaker; Antero Minerals, LLC; Dean H. Bucher; LEASE NO: ACREAGE: 3.19; 4.5; 76; 43.5
 Melody Ree Posey; Coastal Forest Resources Co.; Terry Lee Cummings; Doris L. West;

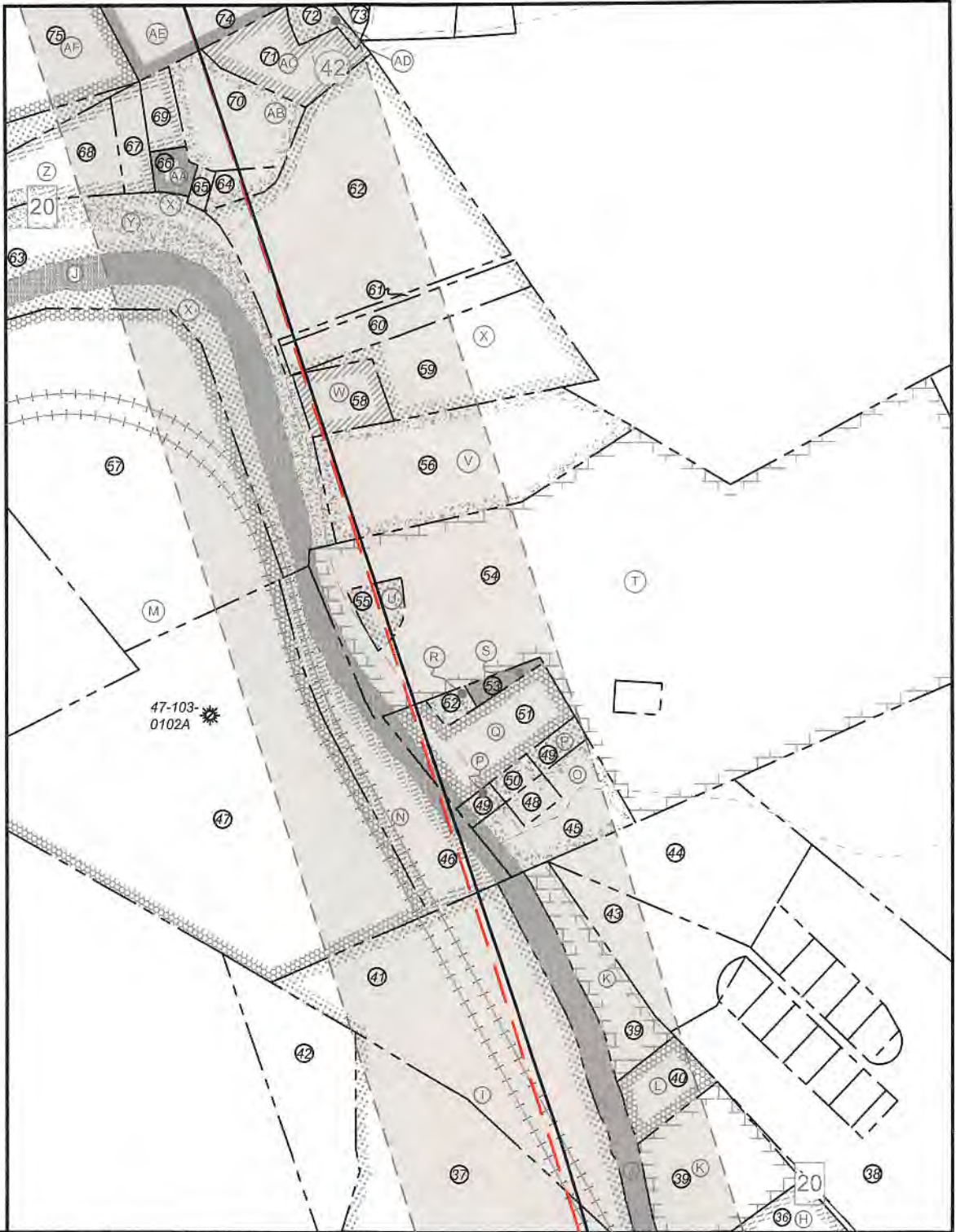
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 6,925' TVD
 24,240' MD

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

03/17/2023

Handwritten signature and date: JMW 2/23/23

Antero Resources
Well No. Welder 2H
As-Drilled
 Antero Resources Corporation




STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

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Submeter
 PROVEN SOURCE OF ELEVATION:
CORS, Monroe County, OH

DATE: December 6 2022
 OPERATOR'S WELL NO. Welder Unit 2H
 API WELL NO
47 - 103 - 03462
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built 1,154' WATERSHED: Fishing Creek QUADRANGLE: BTM Hole: Porter Falls TOP Hole: Pine Grove 537.11875;
 DISTRICT: Green Antero Resources WVDNR: Wilbur B. Dawson; Lloyd Lee King; Carolyn Jacobs Hampson; P&P Fujimo, LLC 47.5; 167.850; 50;
 SURFACE OWNER: Corporation Jeffrey D. Brown; Judy Smith; Margaret Lancaster, et vir; Melody Ree Posey; Coastal Forest Resources Co.; Terry Lee Cummings; Doris L. West; COUNTY: Wetzel 0341772023
 ROYALTY OWNER: Pamela Ann Palmer Emch; William R. Stalnaker; Antero Minerals, LLC; Dean H. Bucher; LEASE NO: _____ ACREAGE: 47.5 4.20; 2.71; 39.396;
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION 0.604; 6.89; 1.25;
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 50.225; 57.38;
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 24,240' MD 6,925' TVD

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

5/11/23
2/12/23

Antero Resources
Well No. Welder 2H
As-Drilled
 Antero Resources Corporation



Leases	
A	Pamela Ann Palmer Emch
B	BRC Appalachian Minerals I LLC
C	William R. Stalnaker
D	Antero Minerals LLC
E	Dean H. Bucher
F	Melody Ree Posey
G	Coastal Forest Resources Co.
H	Nola Jean Parks
I	Terry Lee Cummings
J	WVDNR
K	Betty C. Long
L	Gary R. Partridge, et ux
M	Dwain Ray Brown
N	Jeffrey D. Brown
O	Timothy L. McDiffitt, et ux
P	Daniel S. Brown
Q	Judy Smith
R	Margaret Lancaster

Leases	
S	Margaret Lancaster
T	Margaret Lancaster, et vir
U	Doris L. West
V	Rocky G. Miracle, et ux
W	R. Kevin Hall & Ronald L. Hall
X	H. Dorn Higginbotham, et ux
Y	WVDOH
Z	David L. Anderson
AA	Ray G. Ice, et ux
AB	Wilbur B. Dawson
AC	Donald Ardell Howell
AD	Samuel R. Haught, et ux
AE	Lloyd Lee King
AF	BRC Appalachian Minerals I LLC
AG	Lillian Priscilla Grimm
AH	Carolyn Jacobs Hampson
AI	P&P Fujimo LLC
AJ	Maria Delia Estrada
AK	Linda Headlee Malone, et vir

ID	TM/Par	Owner	Bk/Pg	Acres	ID	TM/Par	Owner	Bk/Pg	Acres
1	16-26	Antero Resources Corporation	474/713	47.50	43	13-19.3	Roger L. & Sarah M. Harrison	455/399	3.01
2	16-25	Antero Resources Corporation	474/713	39.00	44	13-19.2	Roger D. & Kimmie L. Long	313/183	4.99
3	17-22	Perry D. Bucher	411/759	37.65	45	13-12.3	Timothy L. & Tammy D. McDiffitt	441/68	2.24
4	17-58	Pennie Baker	411/735	42.41	46	13-12.5	Jeffrey D. Brown	383/701	4.20
5	17-23	Michael Steven Blinkman	461/443	40.10	47	13-12.6	Dwain Ray Brown	421/897	15.00
6	17-56	Pennie R. & Richard K. Bauer	366/273	1.63	48	13-12.2	Timothy L. & Tammy D. McDiffitt	441/68	0.34
7	17-60	Ross Bucher	411/765	79.00	49	13-12.4	Bradley Keith & Daniel Scott Brown	440/781	0.48
8	17-59	Pennie Baker	446/344	12.51	50	13-12.1	Timothy L. & Tammy D. McDiffitt	441/68	0.27
9	17-15.1	Douglas Alan & Shirley Joann Bucher	442/718	12.41	51	13-12	Judy Smith	341/320	2.71
10	17-15.8	Ross William Bucher, Jr.	411/765	0.37	52	13-3	Phillip Dale Haught	465/207	0.29
11	17-15.7	Jeremy & Terry Bucher	365/108	7.37	53	13-4	Phillip Dale Haught	465/207	0.32
12	17-15.2	Ross William Bucher, Jr.	411/765	0.84	54	13-6	Margaret Lancaster	333/440	39.40
13	17-15.3	Ross William Bucher, Jr.	292/329	0.73	55	13-6.1	Doris L. West	442/411	0.60
14	17-15.4	Steven C. & Bertie G. Blinkman	292/332	0.57	56	13-8.5	Rocky G. & Vicki S. Miracle	325/11	6.89
15	17-15.6	Jeremy & Terry Bucher	365/108	4.14	57	8-42	Dwain Ray Brown	421/897	22.00
16	17-57	Steven C. & Bertie G. Blinkman	388/243	20.60	58	8-38.4	Kevin R. & Ronald L. Hall	360/124	1.25
17	17-15.5	Jeremy & Terry Bucher	427/509	2.13	59	8-38.6	Kevin R. & Ronald L. Hall	360/124	4.25
18	13-69	Donald L. Mason	410/759	69.61	60	8-38.7	Robert & Carolyn Kocher	269/420	1.86
19	13-69.4	David P. & Jami D. Morris	450/428	1.47	61	8-38.10	Robert P. & Carolyn J. Kocher	484/459	0.36
20	13-69.3	David P. & Jami D. Morris	364/9	1.25	62	8-38.2	H. Dorn Higginbotham & Janet L. Workman Higginbotham	286/386	10.32
21	13-69.2	Carol S. Bishop	344/568	1.25	63	8-38.9	H. Dorn Higginbotham & Janet L. Workman Higginbotham	363/197	5.00
22	13-68	John Ronald & Johnna Shay Harter	437/867	14.62	64	8-38.3	Wilbur B. Dawson & Loretta P. Ueltschy	378/108	0.48
23	13-68.2	John R. & Johnna S. Harter	437/873	2.87	65	8-38.12	Wilbur B. Dawson & Loretta P. Ueltschy	378/108	0.19
24	XX-XX	Milburn Cemetery Association	299/524	0.52	66	8-38	Ray G. & Thelma L. Ice	367/290	2.00
25	13-56	Milburn Cemetery Association	—/—	0.64	67	8-38.8	David L. Anderson	340/578	0.77
26	13-68.3	Milburn Cemetery Association	440/710	0.07	68	8-38.1	David L. Anderson	340/578	2.25
27	13-68.1	Charles M. Haught	315/642	3.44	69	8-38.11	David L. Anderson	340/578	0.63
28	XX-XX	Wetzel County Public Service District	433/849	0.06	70	8-38.5	Wilbur B. Dawson & Loretta P. Ueltschy	378/108	2.53
29	13-55	John P. Workman, Jr.	W53/535	48.97	71	8-40	Donald A. Howell & Glenda D. Jackson	403/415	1.75
30	13-43	John R. & Johnna S. Harter	437/867	46.25	72	8-40.1	Clara M. & Samuel R. Haught	403/411	0.58
31	13-90	Coastal Forest Resources Co.	444/105	36.13	73	8-28.2	Theresa A. Ice	347/368	0.85
32	13-36	Coastal Forest Resources Co.	444/105	50.00	74	8-39	John F. King	25/264	4.50
33	13-28	Coastal Forest Resources Co.	444/105	46.25	75	8-29	James L. Scott, Sr., et al	431/50	64.76
34	28-8	John C. & Wilma Jean Brown	212/387	1.85	76	8-33	Lloyd L. King	319/55	20.35
35	28-7.1	Gloria D. & Eugene Mason, Jr.	261/373	1.24	77	8-30	Michael L. & Erin M. Greathouse	363/91	76.00
36	28-7	William C. & Blanche Kocher	196/423	8.35	78	8-22	John D. & Connie J. Morgan	417/944	40.00
37	13-19	John F. Long Estate, et al	442/101	19.25	79	8-21	BP Mineral Holdings II LLC & Somerset Minerals LP	425/427	43.50
38	13-19.1	Michael Paul & Tamatha Lynn Melott	379/128	23.95	80	8-20.2	Loraine M. Williams	383/463	15.00
39	13-20	Betty Long	191/288	6.94	81	8-20.1	Loraine M. Williams	383/463	26.80
40	13-20.1	Gary R. & Angela E. Partridge	451/425	1.39					
41	13-88	John F. Long Estate, et al	442/101	26.00					
42	13-87	Raymond P. & Pamela J. Gaston	429/227	4.45					

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STATE OF WEST VIRGINIA
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OIL AND GAS DIVISION



DATE: December 6 2022
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 47 — 103 — 03462
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 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: As-Built 1,154' WATERSHED: Fishing Creek QUADRANGLE: TOP Hole: Pine Grove 537.11875;
 DISTRICT: Green Antero Resources WVDNR: Wilbur B. Dawson; Lloyd Lee King; Carolyn Jacobs Hampson; P&P Fujimo, LLC COUNTY: Wetzel 0317/2023
 SURFACE OWNER: Corporation Rocky G. Miracle, et ux; R. Kevin Hall & Ronald L. Hall; H. Dorn Higginbotham, et ux
 ROYALTY OWNER: Pamela Ann Palmer Emch; William R. Stalnaker; Antero Minerals, LLC; Dean H. Bucher; LEASE NO: ACREAGE: 47.5 0.604; 6.89; 1.25;
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION 50.225; 57.38;
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled ESTIMATED DEPTH: 24.240' MD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale

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

Handwritten signature and date: J. [unclear] 2/15/23