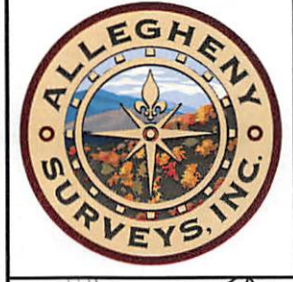


**Antero Resources**  
**Well No. Trader 1H**  
**BHL MOD**  
 Antero Resources Corporation



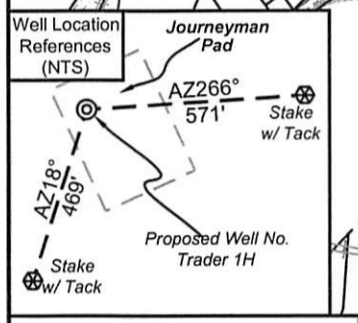
10,027' to Top Hole

3,528' to Bottom Hole

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

Notes  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Well No. Trader Unit 1H Top Hole coordinates are  
 N: 384,204.36' Latitude: 39°32'53.52"  
 E: 1,649,244.02' Longitude: 80°44'38.01"  
 Bottom Hole coordinates are  
 N: 400,574.00' Latitude: 39°35'34.60"  
 E: 1,644,221.07' Longitude: 80°45'45.07"  
 UTM Zone 17, NAD 1983  
 Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,377,653.889m N: 4,382,615.446m  
 E: 522,019.891m E: 520,406.545m  
 Plat orientation and corner and well references are based upon the grid north meridian.  
 Well location references are based upon the magnetic meridian.

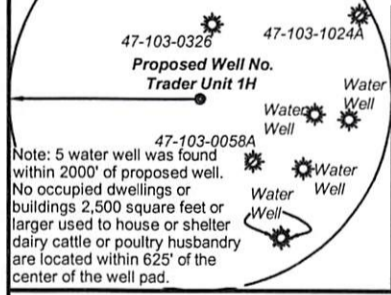
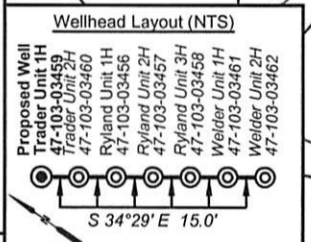
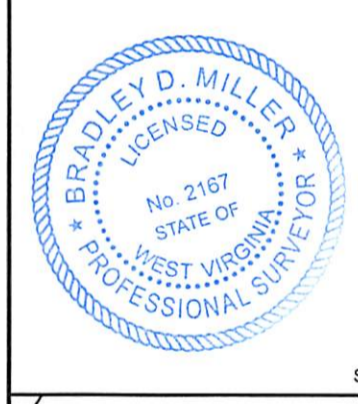
TOP HOLE LONGITUDE 80 - 42 - 30  
 BTM HOLE LONGITUDE 80 - 45 - 00



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



Notes:  
 Well No. Trader Unit 1H UTM Zone 17, NAD 1927

Top Hole Coordinates  
 N: 14,361,637.40'  
 E: 1,712,612.19'

Point of Entry Coordinates  
 N: 14,363,159.86'  
 E: 1,712,356.99'

Bottom Hole Coordinates  
 N: 14,377,915.45'  
 E: 1,707,318.46'

	Bearing	Dist.
L1	S 83°58' E	1,549.5'
L2	S 11°31' W	755.7'
L3	S 25°49' W	1,842.4'
L4	S 70°09' W	980.3'
L5	N 08°34' W	1,544.2'

FILE NO: 133-34-G-18  
 DRAWING NO: Trader 1H BHL MOD  
 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 22 2021  
 OPERATOR'S WELL NO. Trader Unit 1H  
 API WELL NO. MOD  
 47 - 103 - 03459  
 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 Larrison Brothers, LLC; Bounty Minerals, LLC; Chesapeake Appalachia, LLC COUNTY: Weta  
 SURFACE OWNER: Corporation BRC Appalachian Minerals I, LLC (2); WVDNR; Chaplik Family Trust; ACREAGE: 47.5 123.8; 119; 140;  
 P&P Fujimo, LLC; Black Rock Enterprises; Shiben Estates, Inc. 57.38; 8.61; 20.7;  
 ROYALTY OWNER: Pamela Ann Palmer Emch; Dianne K. Howell; Melinda Debner; Acropolis, Inc. (2) LEASE NO: ACREAGE: 113.53; 130; 33;

PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL MOD 7,400' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 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

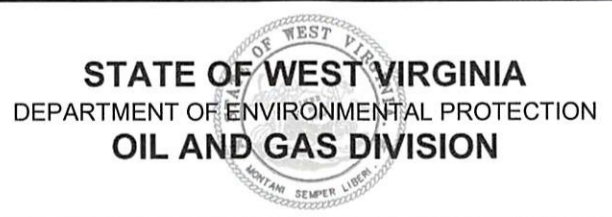
**Antero Resources**  
**Well No. Trader 1H**  
**BHL MOD**  
 Antero Resources Corporation



Leases	
A	Pamela Ann Palmer Emch
B	William R. Stalnaker
C	BRC Appalachian Minerals I, LLC
D	Dianne K. Howell
E	David E. Bowyer
F	Acropolis, Inc.
G	Melinda Debner
H	Acropolis, Inc.
I	Acropolis, Inc.
J	Acropolis, Inc.
K	P & P Fujimo, LLC
L	Black Rock Enterprises
M	Shiben Estates, Inc.
N	WVDNR
O	Chesapeake Appalachia, LLC
P	BRC Appalachian Minerals I, LLC
Q	Bounty Minerals, LLC
R	Chaplik Family Trust
S	Wetzel County Public Service District No.1
T	Larrison Brothers, LLC
U	Joyce A. Roberts
V	BRC Appalachian Minerals I, LLC
W	John S. Starkey
X	Chesapeake Appalachia, LLC
Y	Bernard E. Willey, et ux
Z	Linda Headlee Malone, et vir

ID	TMPar	Owner	Bk/Pg	Acres
1	16-26	Antero Resources Corporation	474/713	47.50
2	16-25	Antero Resources Corporation	474/713	39.00
3	17-22	Perry D. Bucher	411/759	37.65
4	17-58	Pennie Baker	411/735	42.41
5	16-15	Donald L. Smith II, et ux	451/925	36.45
6	16-16	Donald L. Smith II, et ux	451/925	60.75
7	16-12	Donald L. Smith II, et ux	451/925	2.30
8	16-4	Donald L. Smith II, et ux	451/925	38.00
9	16-13	Donald L. Smith II, et ux	451/925	35.00
10	13-67	Gerold F. & Debra D. Richard	398/544	63.27
11	13-67.3	Dana Stuart Straight	368/19	1.42
12	13-67.2	Floyd M. Amos Est.	W66/309	5.00
13	13-41.1	Albert D. & Michelle D. Hornbeck	357/701	2.92
14	13-67.5	Julie A. & Aaron E. Hinderman	398/322	16.44
15	13-41	Shari D. Burgess	432/665	95.08
16	13-27	Donald P. Vandyke & Mark L. Vandyke	410/241	123.80
17	12-58	Donald P. Vandyke & Mark L. Vandyke	425/472	46.00
18	12-33	Kevin E. & Carol L. Cunningham	397/533	84.68
19	13-18	Coastal Forest Resources Co.	444/105	119.00
20	13-1	Randy W. LeMasters	406/16	4.25
21	13-2	Dwain Ray Brown	421/897	19.75
22	8-38.9	H. Dorn Higginbotham & Janet L. Workman Higginbotham	363/197	5.00
23	12-33.2	Kevin E. & Carol L. Cunningham	411/185	28.61
24	12-13	John & Barbara Chaplik	410/256	8.61
25	12-33.1	Wetzel County Public Service District	362/207	0.24
26	12-13.1	Wetzel County Public Service District	362/209	0.15
27	8-47	Larrison Brothers, LLC	417/100	53.62
28	8-29	James L. Scott, Sr., et al	431/50	64.76
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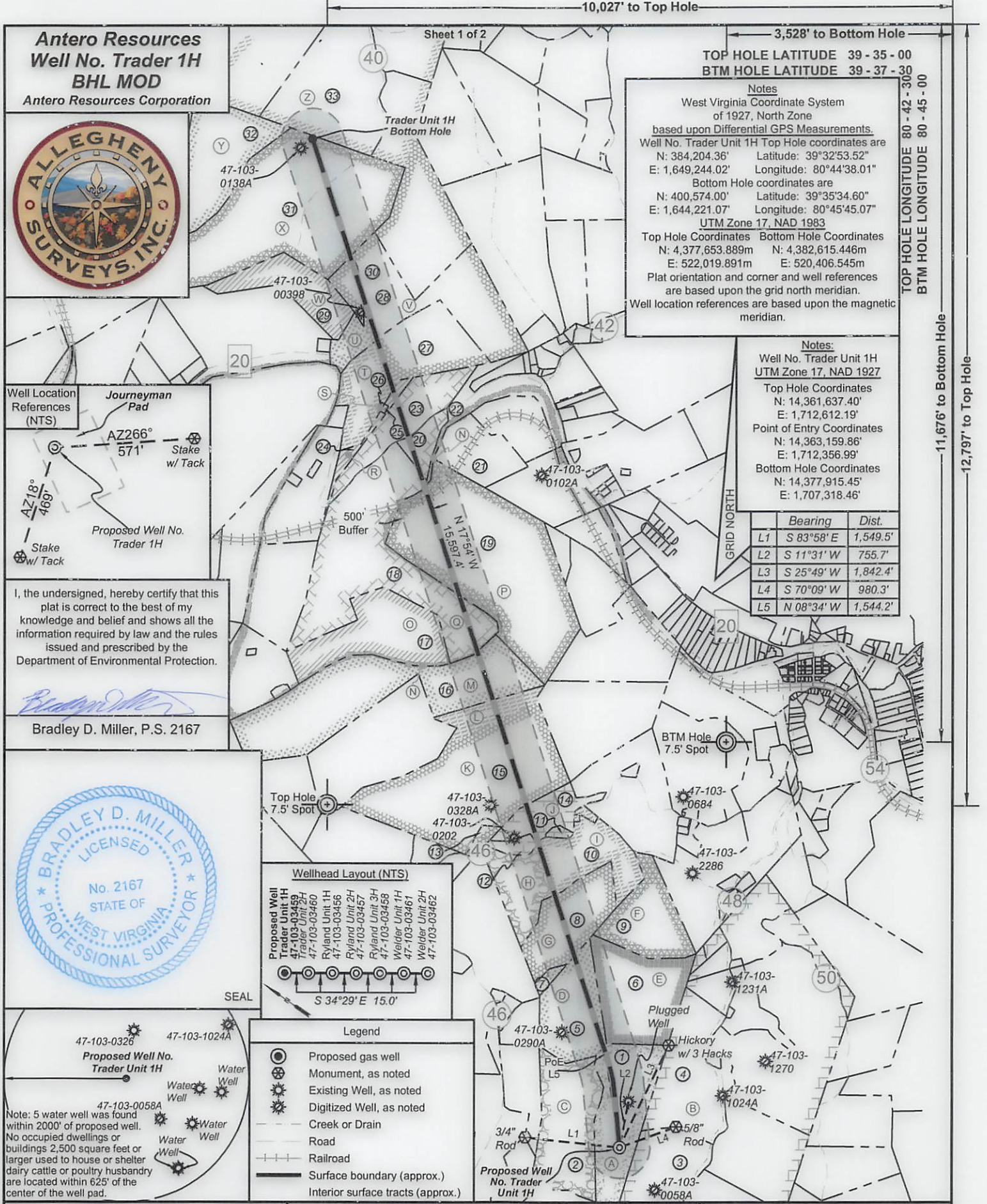
FILE NO: 133-34-G-18  
 DRAWING NO: Trader 1H BHL MOD  
 SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY:  
 Submeter  
 PROVEN SOURCE OF ELEVATION:  
 CORS, Monroe County, OH



DATE: December 22 2021  
 OPERATOR'S WELL NO. Trader Unit 1H  
 API WELL NO MOD  
 47 - 103 - 03459  
 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  
 BOTTOM Hole: Porter Falls  
 DISTRICT: Green Antero Resources Larrison Brothers, LLC; Bounty Minerals, LLC; Chesapeake Appalachia, LLC COUNTY: Wetzel  
 SURFACE OWNER: Corporation BRC Appalachian Minerals I, LLC (2); WVDNR; Chaplik Family Trust; ACREAGE: 47.5  
 P&P Fujimo, LLC; Black Rock Enterprises; Shiben Estates, Inc. 123.8; 119; 140;  
 ROYALTY OWNER: Pamela Ann Palmer Emch; Dianne K. Howell; Melinda Debner; Acropolis, Inc. (2) LEASE NO: ACREAGE: 113.53; 130; 33;  
 PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL MOD 7,400' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 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



FILE NO: 133-34-G-18  
 DRAWING NO: Trader 1H BHL MOD  
 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 22 2021  
 OPERATOR'S WELL NO. Trader Unit 1H  
 API WELL NO. 109  
 47 - 103 - 03459  
 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  
 DISTRICT: Green Antero Resources Larrison Brothers, LLC; Bounty Minerals, LLC; Chesapeake Appalachia, LLC COUNTY: Boone  
 SURFACE OWNER: Corporation BRC Appalachian Minerals I, LLC (2); WVDNR; Chaplik Family Trust; ACREAGE: 47.5 123.8; 119; 140;  
 P&P Fujimo, LLC; Black Rock Enterprises; Shiben Estates, Inc. 57.38; 8.61; 20.7;  
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 ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road  
 Denver, CO 80202 Charleston, WV 25313

**Antero Resources**  
**Well No. Trader 1H**  
**BHL MOD**  
 Antero Resources Corporation



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 CORS, Monroe County, OH

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

DATE: December 22 2021  
 OPERATOR'S WELL NO. Trader Unit 1H  
 API WELL NO **MOD**  
 47 -- 103 -- 03459  
 STATE COUNTY PERMIT

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 COUNTY: Wetzel ACREAGE: 47.5  
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