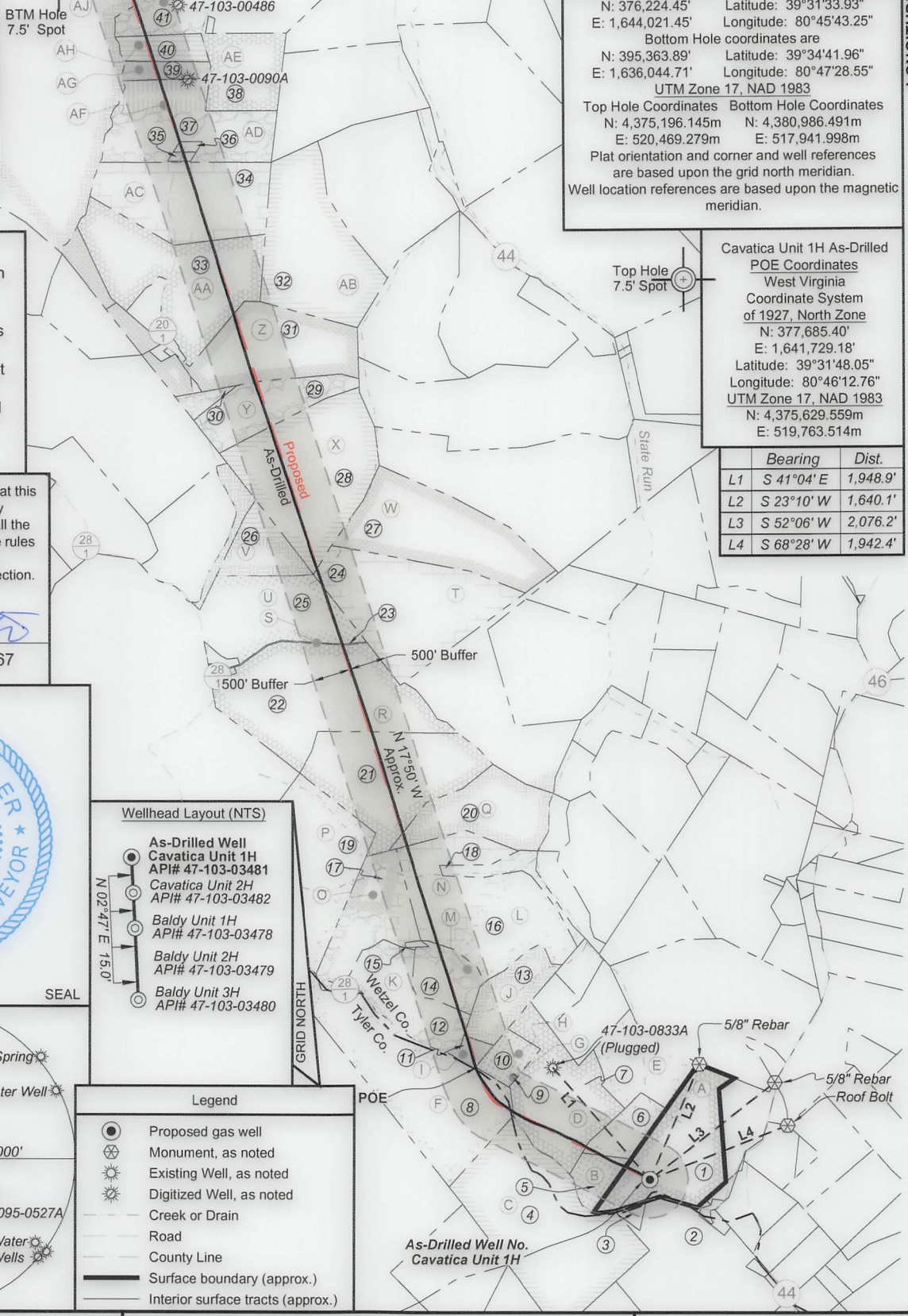


**Antero Resources**  
**Well No. Cavatica 1H**  
**As-Drilled**  
 Antero Resources Corporation



BTM Hole  
7.5' Spot



TOP HOLE LATITUDE 39 - 32 - 30  
 BTM HOLE LATITUDE 39 - 35 - 00

**Notes**  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Well No. Cavatica Unit 1H Top Hole coordinates are  
 N: 376,224.45' Latitude: 39°31'33.93"  
 E: 1,644,021.45' Longitude: 80°45'43.25"  
 Bottom Hole coordinates are  
 N: 395,363.89' Latitude: 39°34'41.96"  
 E: 1,636,044.71' Longitude: 80°47'28.55"  
 UTM Zone 17, NAD 1983  
 Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,375,196.145m N: 4,380,986.491m  
 E: 520,469.279m E: 517,941.998m  
 Plat orientation and corner and well references are based upon the grid north meridian.  
 Well location references are based upon the magnetic meridian.

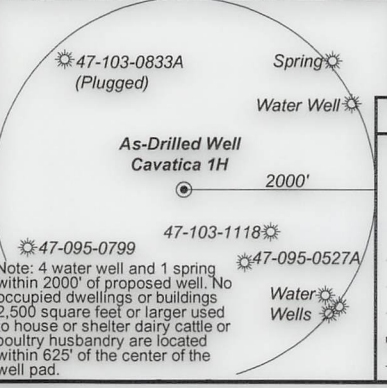
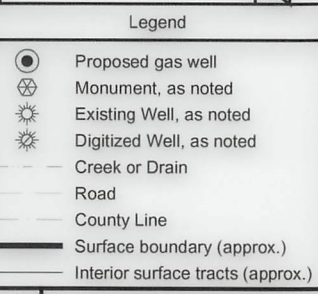
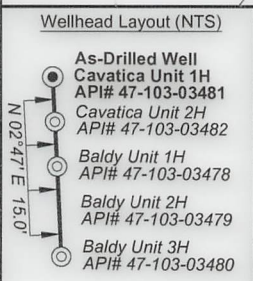
Cavatica Unit 1H As-Drilled  
**POE Coordinates**  
 West Virginia Coordinate System of 1927, North Zone  
 N: 377,685.40'  
 E: 1,641,729.18'  
 Latitude: 39°31'48.05"  
 Longitude: 80°46'12.76"  
 UTM Zone 17, NAD 1983  
 N: 4,375,629.559m  
 E: 519,763.514m

	Bearing	Dist.
L1	S 41°04' E	1,948.9'
L2	S 23°10' W	1,640.1'
L3	S 52°06' W	2,076.2'
L4	S 68°28' W	1,942.4'

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



FILE NO: 116-34-G-18  
 DRAWING NO: Cavatica 1H 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**

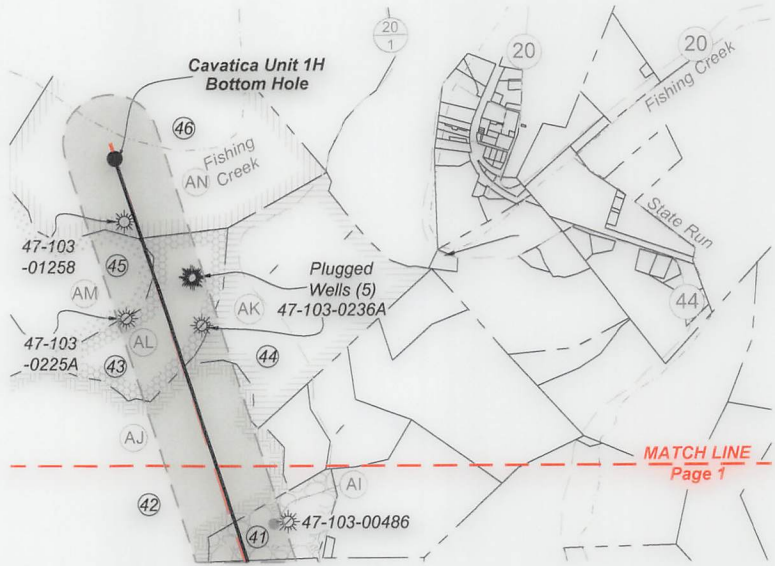
DATE: February 22 2023  
 OPERATOR'S WELL NO. Cavatica Unit 1H  
 API WELL NO  
 47 - 103 - 03481  
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built 1,206' WATERSHED: Fishing Creek QUADRANGLE: Porter Falls 0.8: 30;  
 DISTRICT: Green Margaret COUNTY: Wayne 17: 175; 7: 125; 261.75  
 SURFACE OWNER: Lancaster ROYALTY OWNER: Shiben Estates, Inc. (3); Ernest & Cathy Stewart 2019 Irrevocable Trust (2); Antero Minerals, LLC (2); Barbara A. King; LEASE NO: ACREAGE: 60.72; 50; 36; 71.61  
 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: 6,882' TVD  
 26,216' 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. Cavatica 1H**  
**As-Drilled**  
 Antero Resources Corporation



ID	TM-Par	Owner	Bk/Pg	Acres
1	19-31	Margaret Lancaster	333 / 440	39.00
2	12-27	Crystal A. Muzzy (Tyler Co.)	W69 / 226	60.91
3	-	Garrett Cemetery	85 / 62	1.80
4	12-25	Cecil & Margaret Lancaster	170 / 48	78.17
5	19-52	Joshua Highley	464 / 208	8.01
6	19-30	Richard R. & Mary J. Scyoc	452 / 177	13.00
7	19-21	Joshua Highley	464 / 208	41.75
8	12-21	Mary Adaline Lewis, et al	AR53 / 75	67.00
9	19-21.1	McCormick Cemetery	--- / ---	---
10	19-37	Joshua Highley	464 / 208	7.12
11	19-1	Joshua Highley	464/208	3.00
12	19-56	Frank & Deborah Van Schaik	378/104	26.68
13	19-12	Joshua Highley	464 / 208	17.17
14	19-55	Olive M. Moore	392/158	13.99
15	19-11	Hill Cemetery	62/149	0.50
16	19-54	Susan J. Fair	378 / 97	59.75
17	19-57	Frank & Deborah Van Schaik	378/104	27.20
18	16-75	Gregg John Weis	317 / 157	7.50
19	16-51	David Randolph Gifford	428/619	67.00
20	16-53	Edward D. & Heather M. Stewart	390 / 10	32.60
21	16-52	RBMA, LLC	431 / 526	43.25
22	16-43	RBMA, LLC	431 / 526	76.30
23	16-36.1	Kenneth E. Stewart	424/821	0.80
24	16-36	Kenneth E. Stewart Keystone Trust	424 / 821	53.00
25	16-35	Eugene D. Jr. & Diane Mason	405 / 291	26.00
26	16-35.1	Janet Carroll Jones	417/190	20.50
27	16-29	Kenneth E. Stewart Keystone Trust	424 / 821	53.50
28	16-19	Eugene D., Jr. & Diane Mason	405 / 291	64.70
29	16-18	Cathy A. & Ernest E. Stewart	355 / 280	28.50
30	16-17	Cathy A. & Ernest E. Stewart	355/280	3.00
31	16-7	Wilbur B. Dawson & Loretta P. Ueltschey	408 / 192	54.50
32	12-53	Robert E. Midcap	399 / 40	57.00
33	16-1	Richard Coleman Nolan	264 / 313	60.72
34	12-52	Linda Lou Jackson	399 / 34	50.00
35	12-45.1	Jess S. & Linda L. Jackson	255/474	1.00
36	12-45.2	Roger Dale & Martha M. Midcap	275/481	1.00
37	12-45	Roger Dale Midcap	399 / 37	46.00
38	12-47	Linda K. Ice	447 / 793	26.25
39	12-44	Jerome E. Staley II, et al	453 / 271	6.00
40	12-36	Jerome E. Staley II, et al	453 / 271	6.00
41	12-37	Roger D. & Tina S. Midcap	342 / 74	13.30
42	12-43	Coastal Forest Resources Co.	444 / 105	172.70
43	12-16	Charmaine A. & Heath C. Starkweather	427 / 930	36.00
44	12-17	Charmaine A. & Heath C. Starkweather	427 / 930	69.00
45	12-15	Coastal Forest Resources Co.	444/105	51.00
46	12-1	Bradley W. Ueltschey	476 / 310	78.13

Leases	
A	Shiben Estates, Inc.
B	Randy Bradley
C	BRC Appalachian Minerals I, LLC
D	Shiben Estates, Inc.
E	Richard R. & Mary J. Scyoc
F	Antero Minerals, LLC
G	Joshua Highley
H	Joshua Highley
I	Bounty Minerals II, Acquisitions, LLC
J	Allen Vincent Wilcox
K	Tribune Resources Minerals, LLC
L	Susan J. Fair
M	Olive M. Moore
N	Antero Minerals, LLC
O	Harold Ice, et ux
P	Deanna R. Cochran
Q	Edward D. & Heather M. Stewart
R	RBMA, LLC
S	Kenneth Stewart Keystone Trust
T	Kenneth Stewart Keystone Trust
U	Ernest & Cathy Stewart 2019 Irrevocable Trust
V	Janet Carroll Jones
W	Kenneth Stewart Keystone Trust
X	BRC Appalachian Minerals I, LLC
Y	Ernest & Cathy Stewart 2019 Irrevocable Trust
Z	Shiben Estates, Inc.
AA	John Ray Nolan
AB	Robert E. & Michaelmary Midcap
AC	Linda Lou Jackson & Jess Stephen Jackson
AD	Barbara Anne Amos King
AE	Linda Ice Long
AF	Barbara A. King
AG	Ridgetop Appalachia, LLC
AH	Jerome E. Staley, II, et ux
AI	Roger D. & Tina S. Midcap
AJ	Chesapeake Appalachia, LLC
AK	Charmaine A. Starkweather, et vir
AL	Charmaine A. Starkweather, et vir
AM	BRC Appalachia Minerals I, LLC
AN	Stone Hill Minerals Holdings, LLC

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 DISTRICT: Green Margaret Joshua Highley; Allen Vincent Wilcox; John Ray Nolan; Tribune Resources Minerals, LLC; COUNTY: Wetzel 2261.75  
 SURFACE OWNER: Lancaster Linda Lou Jackson & Jess Stephen Jackson; Charmaine A. Starkweather, et vir; Stone Hill Minerals Holdings, LLC; 39.41; 25.3; 28.5;  
 ROYALTY OWNER: Shiben Estates, Inc. (3); Ernest & Cathy Stewart 2019 Irrevocable Trust (2); Antero Minerals, LLC (2); Barbara A. King; BRC Appalachian Minerals I, LLC (2); Randy Bradley; Richard R. & Mary J. Scyoc; Bounty Minerals II, Acquisitions, LLC; ACREAGE: 39.00 40; 8; 67; 36.75; 64.5;  
13.25; 32.56; 119.75; LEASE NO: \_\_\_\_\_ ACREAGE: 60.72; 50; 36; 71.61

PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
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