

Antero Resources
Well No. Cavatica 2H
BHL MOD
 Antero Resources Corporation

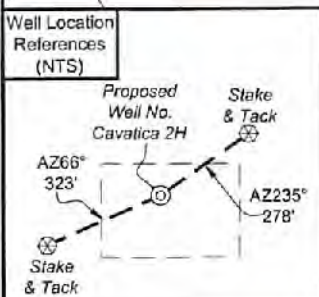
Page 1 of 2

10,557' to Bottom Hole

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

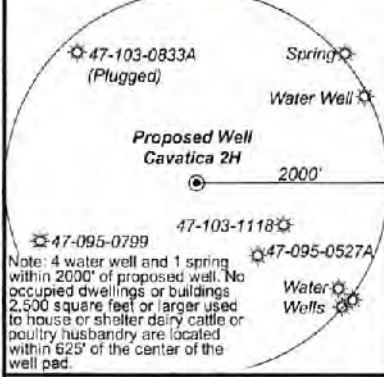
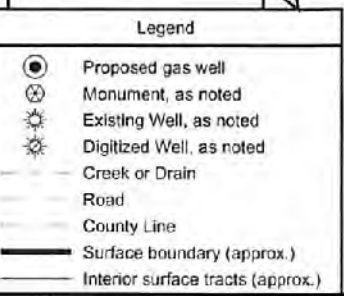
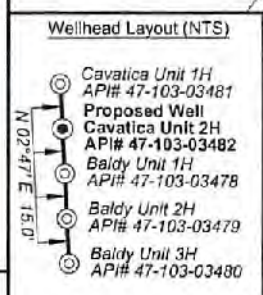


Notes
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements. Well No. Cavatica Unit 2H Top Hole coordinates are:
 N: 376,209.23' Latitude: 39°31'33.78"
 E: 1,644,022.38' Longitude: 80°45'43.23"
 Bottom Hole coordinates are:
 N: 394,779.07' Latitude: 39°34'36.33"
 E: 1,637,110.93' Longitude: 80°47'14.83"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates: N: 4,375,191.512m E: 520,469.639m
 Bottom Hole Coordinates: N: 4,380,813.753m E: 518,269.797m
 Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.



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



GRID NORTH

FILE NO: 116-34-G-18
 DRAWING NO: Cavatica 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: April 8 20 22
 OPERATOR'S WELL NO. Cavatica Unit 2H
 API WELL NO. MOD
 47 - 103 - 03482
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: Existing 1,237' Proposed 1,206' WATERSHED: Fishing Creek QUADRANGLE: Porter Falls 34.17; 69; 37; 39; 41.75; 54.5; 53;
 DISTRICT: Green Margaret SURFACE OWNER: Lancaster SURFACE OWNER: Barbara Anne Amos King; Chesapeake Appalachia, LLC; Linda Lou Jackson & Jess Stephen Jackson; Charmaine A. Starkweather, et al (2); Stone Hill Minerals Holdings, LLC; Edward D. & Heather M. Stewart; Thomas W. Lins; Robert E. & Michael Mary Midcap; Roger D. & Tina S. Midcap; Allen Vincent Wilcox; Antero Minerals, LLC; BRC Appalachian Minerals I, LLC; Linda Lee Long; Susan J. Fair; Ernest & Cathy Stewary 2019 Irrevocable Trust; Randy Bradley; Joshua Highley; RBMA, LLC; Jerome E. Staley
 ROYALTY OWNER: Shiben Estates Inc. (3); Kenneth Stewart Keystone Trust; Kenneth Stewart Keystone Trust Agreement LEASE NO: ACREAGE: 13.25, 10; 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) BHL_MOD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,400' TVD 28,500' 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

3,388' to Top Hole

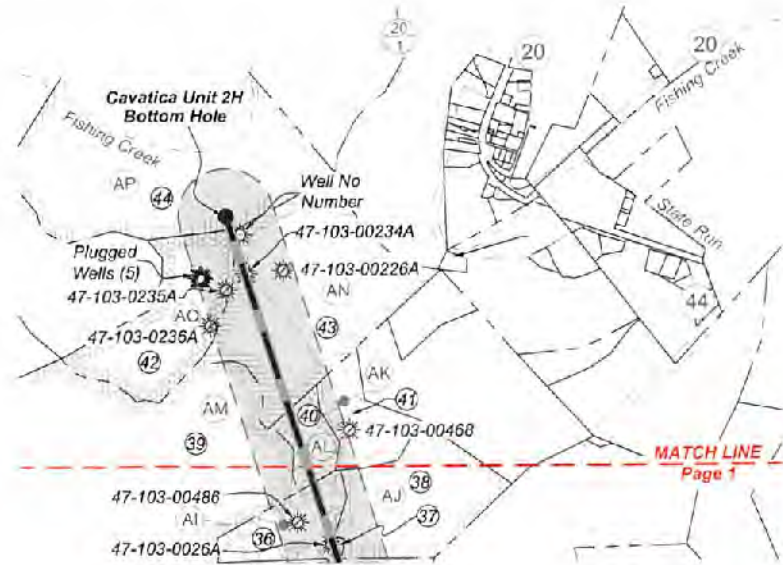
LONGITUDE 80 - 45 - 00
 2,394' to Bottom Hole
 5,689' to Top Hole

MATCH LINE
 Page 1

Notes:
 Well No. Cavatica Unit 2H UTM Zone 17, NAD 1927
 Top Hole Coordinates: N: 14,353,558.95' E: 1,707,526.43'
 Point of Entry Coordinates: N: 14,353,612.23' E: 1,706,498.86'
 Bottom Hole Coordinates: N: 14,372,004.62' E: 1,700,308.41'

	Bearing	Dist.
L1	S 40°47' E	1,961.1'
L2	S 22°55' W	1,653.8'
L3	S 51°46' W	2,084.8'
L4	S 68°02' W	1,947.1'
L5	N 75°12' W	1,058.7'

05/20/2022



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	19-21.1	McCormick Cemetery	--- / ---	---
9	12-21	Mary Adaline Lewis, et al	AR53 / 75	67.00
10	19-37	Joshua Highley	464 / 208	7.12
11	19-15	Joshua Highley	464 / 208	17.00
12	19-13	Joshua Highley	464 / 208	5.00
13	19-12	Joshua Highley	464 / 208	17.17
14	19-55	Olive M. Moore	392 / 158	13.99
15	19-54	Susan J. Fair	378 / 97	59.75
16	16-75	Gregg John Weis	317 / 157	7.50
17	16-53	Edward D. & Heather M. Stewart	390 / 10	32.60
18	16-52	RBMA, LLC	431 / 526	43.25
19	16-44	Kenneth E. Stewart Keystone Trust	424 / 821	46.30
20	16-43	RBMA, LLC	431 / 526	76.30
21	16-36	Kenneth E. Stewart Keystone Trust	424 / 821	53.00
22	16-29	Kenneth E. Stewart Keystone Trust	424 / 821	53.50
23	16-19	Eugene D., Jr. & Diane Mason	405 / 291	64.70
24	16-20	Bonita Andrich, et al	W70 / 243	79.03
25	16-8	Wilbur B. Dawson & Loretta P. Uellschey	408 / 192	75.75
26	16-18	Cathy A. & Ernest E. Stewart	355 / 280	28.50
27	16-7	Wilbur B. Dawson & Loretta P. Uellschey	408 / 192	54.50
28	16-1	Richard Coleman Nolan	264 / 313	60.72
29	12-53	Robert E. Midcap	399 / 40	57.00
30	12-52	Linda Lou Jackson	399 / 34	50.00
31	12-45	Roger Dale Midcap	399 / 37	46.00
32	12-48	John W. & Rosalie M. Uellschey	362 / 403	47.87
33	12-47	Linda K. Ice	447 / 793	26.25
34	12-44	Jerome E. Staley II, et al	453 / 271	6.00
35	12-36	Jerome E. Staley II, et al	453 / 271	6.00
36	12-37	Roger D. & Tina S. Midcap	342 / 74	13.30
37	12-46	Roger D. & Tina S. Midcap	348 / 437	1.00
38	12-38	Roger D. & Tina S. Midcap	342 / 74	37.00
39	12-43	Coastal Forest Resources Co.	444 / 105	172.70
40	12-24	Jerome E. Staley	242 / 72	10.00
41	12-25	Jerome E. Staley	242 / 72	15.00
42	12-16	Charmaine A. & Heath C. Starkweather	427 / 930	36.00
43	12-17	Charmaine A. & Heath C. Starkweather	427 / 930	69.00
44	12-1	Bradley W. Uellschey	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	Shiben Estates, Inc.
J	Shiben Estates, Inc.
K	Allen Vincent Wilcox
L	Tribune Resources Minerals, LLC
M	Olive M. Moore
N	Susan J. Fair
O	Antero Minerals, LLC
P	Edward D. & Heather M. Stewart
Q	RBMA, LLC
R	Thomas W. Lins
S	Kenneth Stewart Keystone Trust
T	Kenneth Stewart Keystone Trust
U	BRC Appalachian Minerals I, LLC
V	Gladys E. Conroy Trust
W	Chesapeake Appalachia, LLC
X	Ernest & Cathy Stewart 2019 Irrevocable Trust
Y	Shiben Estates, Inc.
Z	Robert E. & Michaelmary Midcap
AA	John Ray Nolan
AB	Linda Lou Jackson & Jess Stephen Jackson
AC	Barbara Anne Amos King
AD	Ridgetop Royalties, LLC
AE	Barbara A. King
AF	Linda Ice Long
AG	Ridgetop Appalachia, LLC
AH	Jerome E. Staley, II, et ux
AI	Roger D. & Tina S. Midcap
AJ	Chesapeake Appalachia, LLC
AK	Dennis B. Moore
AL	Jerome E. Staley
AM	Chesapeake Appalachia, LLC
AN	Charmaine A. Starkweather, et vir
AO	Charmaine A. Starkweather, et vir
AP	Stone Hill Minerals Holdings, LLC

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LOCATION: ELEVATION: <u>Existing 1,237'</u> <u>Proposed 1,206'</u> WATERSHED: <u>Fishing Creek</u> QUADRANGLE: <u>Porter Falls</u> 34.17; 69; 37; 39; 41.75; 54.5; 53; 7.123; 17.1750; 36.75;		
DISTRICT: <u>Green</u> <u>Margaret</u> SURFACE OWNER: <u>Lancaster</u> ROYALTY OWNER: <u>Shiben Estates Inc. (3); Kenneth Stewart Keystone Trust; Kenneth Stewart Keystone Trust Agreement</u>		
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