

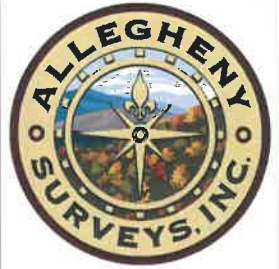
10,552' to Top Hole

5,458' to Bottom Hole

167' to Top Hole
1,168' to Bottom Hole

Page 1 of 2

Antero Resources
Well No. Tygart 1H
As-Drilled
Antero Resources Corporation



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. Tygarts Unit 1H Top Hole coordinates are
N: 382,179.76' Latitude: 39°32'28.36"
E: 1,613,436.17' Longitude: 80°52'14.70"
Bottom Hole coordinates are
N: 396,455.92' Latitude: 39°34'48.46"
E: 1,606,997.31' Longitude: 80°53'39.71"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,376,854.674m N: 4,381,171.204m
E: 511,121.095m E: 509,086.980m
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.

Tygart Unit 1H As-Drilled POE Coordinates
West Virginia Coordinate System of 1927, North Zone
N: 382,515.26'
E: 1,611,479.48'
Latitude: 39°32'31.38"
Longitude: 80°52'39.74"
UTM Zone 17, NAD 1983
N: 4,376,946.918m
E: 510,523.276m

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.

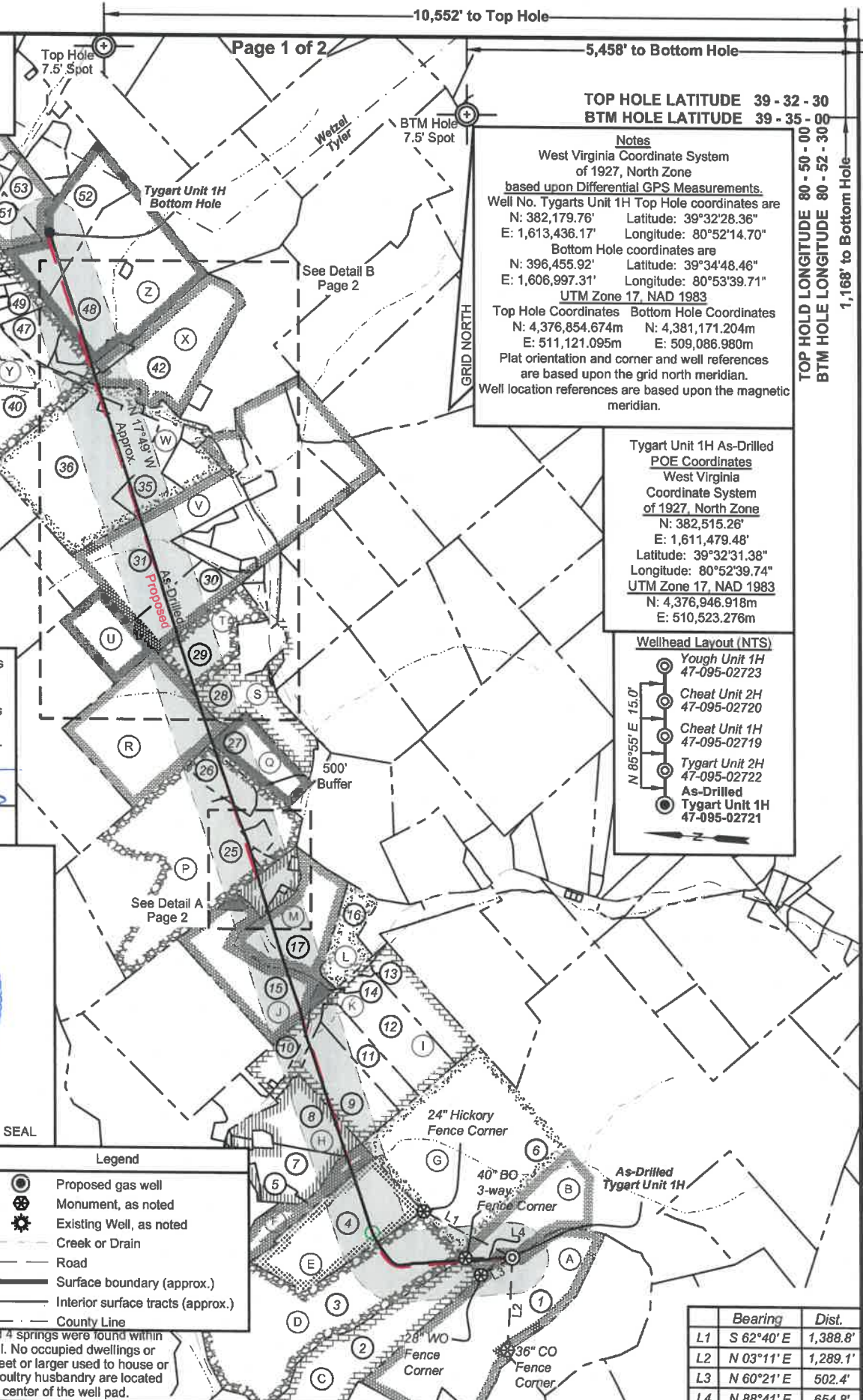
Bradley D. Miller
Bradley D. Miller, P.S. 2167

Wellhead Layout (NTS)
Yough Unit 1H 47-095-02723
Cheat Unit 2H 47-095-02720
Cheat Unit 1H 47-095-02719
Tygart Unit 2H 47-095-02722
As-Drilled Tygart Unit 1H 47-095-02721



Legend
● Proposed gas well
⊙ Monument, as noted
⊙ Existing Well, as noted
--- Creek or Drain
--- Road
--- Surface boundary (approx.)
--- Interior surface tracts (approx.)
--- County Line

Note: 1 water wells and 4 springs were 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.



	Bearing	Dist.
L1	S 62°40' E	1,388.8'
L2	N 03°11' E	1,289.1'
L3	N 60°21' E	502.4'
L4	N 88°41' E	654.8'

FILE NO: 82-54-E-19
DRAWING NO: Tygart Unit 1H As-Drilled
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

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

DATE: August 30 2021
OPERATOR'S WELL NO. Tygart 1H
API WELL NO
47 - 095 - 02721
STATE COUNTY PERMIT

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

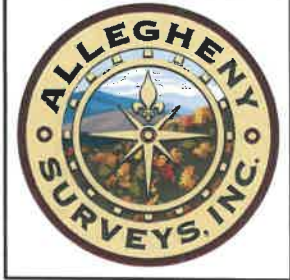
LOCATION: ELEVATION: As-Built 1,126' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Top Hole:Porter Falls
DISTRICT: Ellsworth BTM Hole:Paden City 76.25; 48.5; 100; 33.8125; 42.24; 16; 52.186; 98.2; 107.188; 29.75; 29.51; 151.08; 40.68; 24; 23.87; 62.875; 42.3; 15.3262; 101.5; 208.00; 100;

SURFACE OWNER: Patricia Ann Heintzman Kay Christen; Victor Herbert Boyd, II; Sherry Lynn Chehren; Sybil Mae Gorby; Kerry Lemasters, et ux; James D. Vancamp, et ux (3); James D. VanCamp, et al (4); ACREAGE: 7.28
ROYALTY OWNER: Patricia Ann Heintzman (2); John E. Roberts; Norma Smith; Michael Scott Mercer, et ux; LEASE NO: ACREAGE:

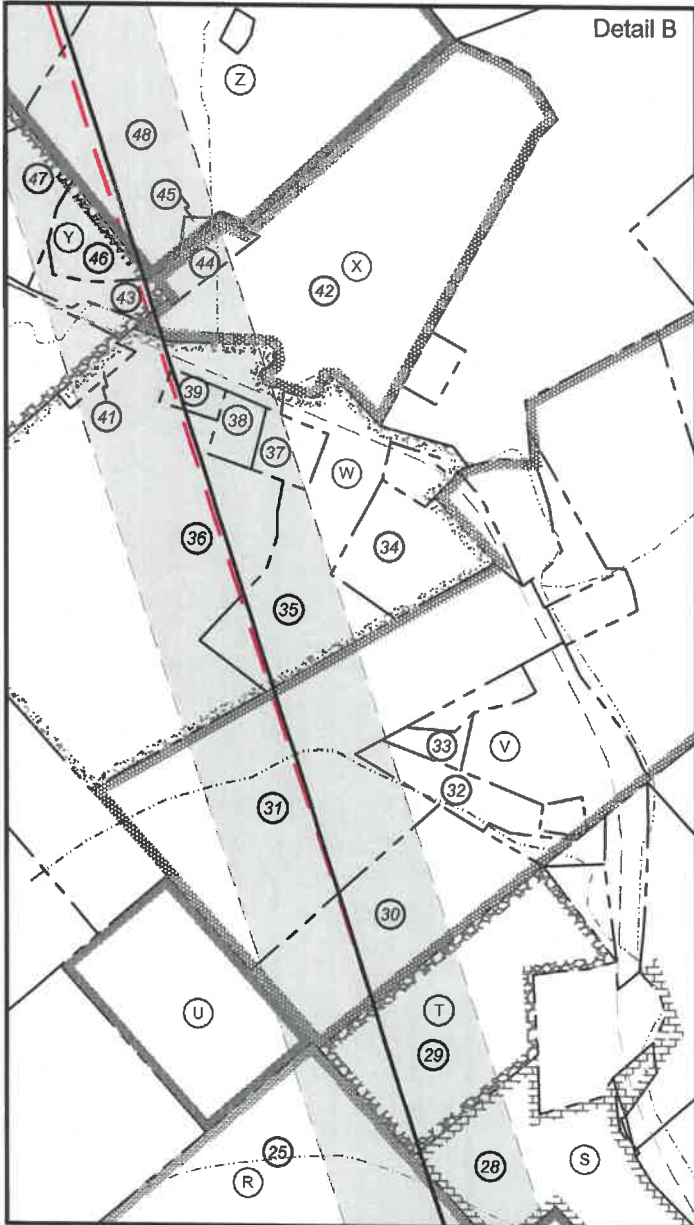
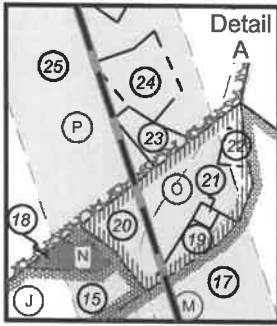
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 6,445' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 21,803' MD

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. Tygart 1H
As-Drilled
Antero Resources Corporation**



Leases			
A	Patricia Ann Heintzman	O	James D. VanCamp, et al
B	Norma Smith	P	Kay Christen
C	Patricia Ann Heintzman	Q	James D. VanCamp, et ux
D	John E. Roberts	R	James D. VanCamp, et ux
E	Michael Scott Mercer, et ux	S	James D. VanCamp, et al
F	Richard A. Mercer	T	Sybil Mae Gorby
G	Dennis R. Heintzman, et ux	U	OPEN
H	Elizabeth B. Troesch	V	James D. VanCamp, et al
I	BRC Appalachian Minerals I, LLC	W	BRC Appalachian Minerals I, LLC
J	James D. VanCamp, et al	X	James D. VanCamp, et ux
K	Waco Oil & Gas Company, Inc.	Y	Victor Herbert Boyd, II
L	James D. VanCamp, et al	Z	Sherry Lynn Chefron
M	Kerry Lemasters, et ux	AA	OPEN
N	James D. VanCamp, et al		



ID	TM/Par	Owner	Bk/Pg	Acres
1	10-2	Patricia Ann Heintzman	W13/384	73.26
2	10-1	Patricia Ann Heintzman	150/15	48.50
3	10-64	John E Roberts	W30/108	100.00
4	6-40	Alan D. Wyke	W40/195	42.20
5	9-13	Richard A. Mercer	321/197	16.00
6	6-36	Dennis & Clista Heintzman	297/640	417.60
7	6-41	Donald E. Forrester	125/421	20.05
8	6-39	Donald E. Forrester	242/39	30.00
9	6-35	Donald E. Forrester	343/381	25.75
10	6-34	John Stanley Starkey	39/200	6.11
11	6-35.1	Stephen & Andriea Knowlton	289/20	13.32
12	6-35.2	Stephen & Andriea Knowlton	224/77	29.02
13	6-35.3	Stephen & Andriea Knowlton	224/77	3.00
14	6-23.2	Larry R. Henthorn	584/138	1.27
15	6-23	Randall Dennis, et al	W70/660	42.30
16	6-16.2	Stephen J. & Andriea Knowlton	211/375	13.30
17	6-16	Kerry & Barbara Lemasters	215/548	33.76
18	6-23.1	Jeffery & Tarina Morris	346/47	1.06
19	6-16.7	Terry Andrew Jackson	388/271	1.23
20	6-16.1	James W. & Geneva Lancaster	443/639	3.44
21	6-16.6	Terry Andrew Jackson	388/271	0.25
22	6-16.8	James W. & Geneva Lancaster	443/639	0.55
23	6-22.1	Charles E. Dennis	348/160	1.25
24	6-22.3	Roger & Nadine Greathouse	334/770	2.61
25	6-22	Patricia Ann Greathouse	W38/671	169.90
26	6-22.3	Lucinda J. Greathouse	350/674	10.00
27	6-14	James D. VanCamp, et al	W38/144	24.00
28	6-3	James D. VanCamp, et al	W38/144	23.87
29	6-1	Sybil Gorby	175/265	17.26
30	5-1	James D. VanCamp, et al	W38/144	39.00
31	2-11	Rosalie B. Henry	W35/616	61.54
32	3-44.4	Tylor D. Hostuttler	592/109	4.00
33	3-44.3	Wm J. & Melissa A. Buckhanan	299/515	1.88
34	3-47	Donna & Matthew Cecil	462/582	8.61
35	2-8.4	Jonathan & Mary Belle Pittman	186/170	21.14
36	2-8	Jonathan & Mary Belle Pittman	186/170	70.93
37	2-8.5	Stanley G. Pittman	327/751	3.68
38	2-8.3	Teresa A. Morris	343/390	1.82
39	2-8.2	Martha A. Pittman	345/745	1.26
40	5-63.2	Jesse D. King & Melinda A. King	343/812	33.97
41	2-8.1	Mary Belle & Jonathan Pittman	164/352	0.92
42	3-48	Linda Hoover	356/233	45.00
43	2-6.1	Mera Lynn & William Kunkel	369/064	2.55
44	2-9	Linda L. Hoover	356/233	1.57
45	2-1.2	Donald E. Virden Jr.	421/281	0.41
46	2-6	Lou Ann & Donald E. Virden Jr.	421/281	3.42
47	2-5	Cindy L. & Charles T. White Jr.	309/25	9.52
48	2-1.1	Donald E. Virden, Jr.	421/281	68.20
49	2-4.2	Larry H. Kimble	W36/539	5.87
50	2-3.1	Dawn M. & Howard F. Myers Jr.	328/701	1.58
51	2-2	John William & Rhonda L. Burton	380/341	7.20
52	2-1	Donald E. Virden, Jr.	421/281	30.84
53	5-64	Ridgetop Capital II, LP	382/399	80.38

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ROYALTY OWNER: Patricia Ann Heintzman (2); John E. Roberts; Norma Smith; Michael Scott Mercer, et ux; LEASE NO: ACREAGE: 101.5; 208.00; 100;
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