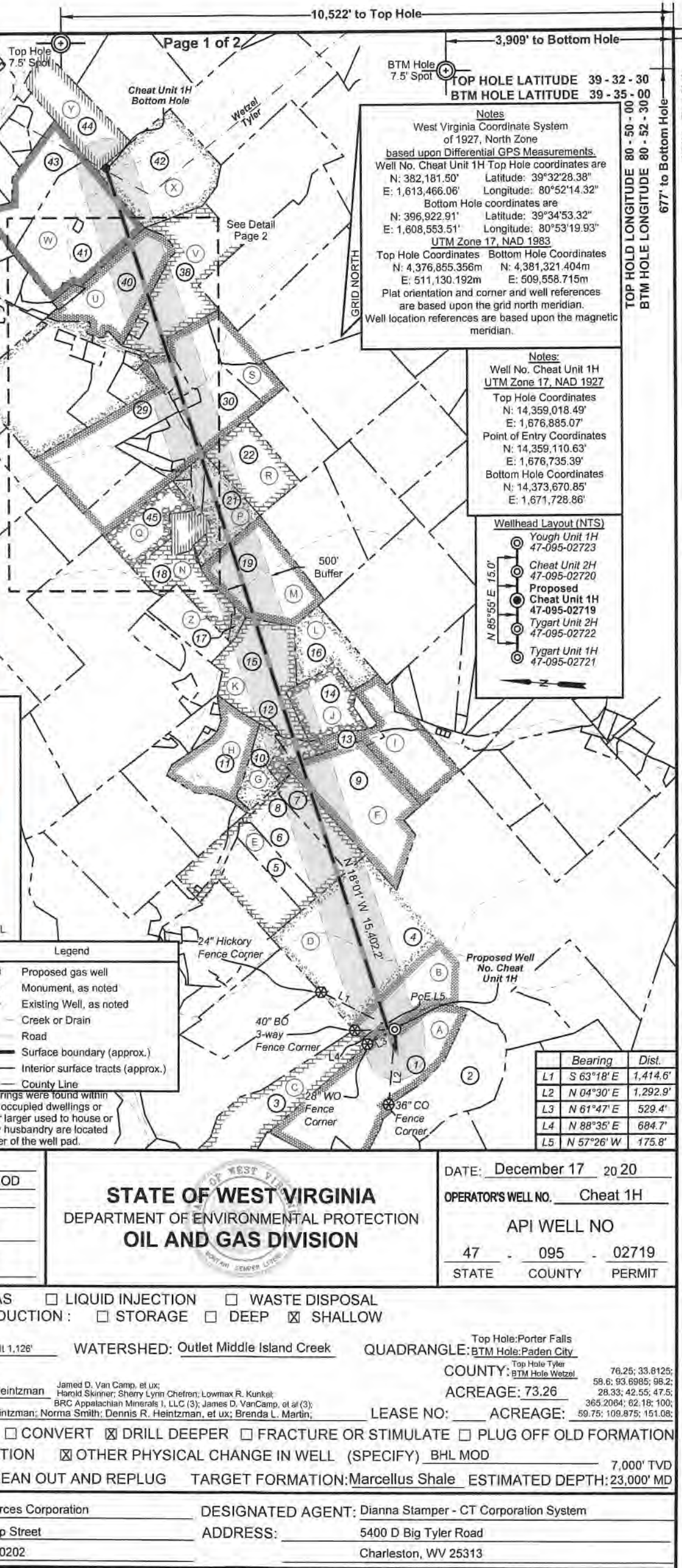
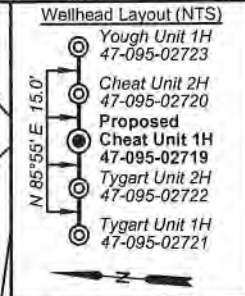


Antero Resources
Well No. Cheat 1H
BHL MOD
 Antero Resources Corporation



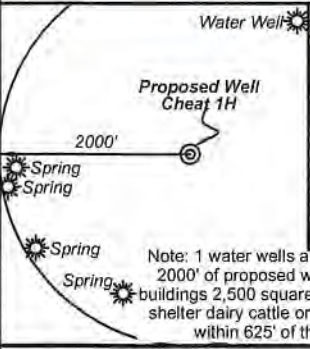
Notes
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
 Well No. Cheat Unit 1H Top Hole coordinates are
 N: 382,181.50' Latitude: 39°32'28.38"
 E: 1,613,466.06' Longitude: 80°52'14.32"
 Bottom Hole coordinates are
 N: 396,922.91' Latitude: 39°34'53.32"
 E: 1,608,553.51' Longitude: 80°53'19.93"
UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,376,855.356m N: 4,381,321.404m
 E: 511,130.192m E: 509,558.715m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.

Notes:
 Well No. Cheat Unit 1H
 UTM Zone 17, NAD 1927
 Top Hole Coordinates
 N: 14,359,018.49'
 E: 1,676,885.07'
 Point of Entry Coordinates
 N: 14,359,110.63'
 E: 1,676,735.39'
 Bottom Hole Coordinates
 N: 14,373,670.85'
 E: 1,671,728.86'



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



Bearing	Dist.
L1 S 63°18' E	1,414.6'
L2 N 04°30' E	1,292.9'
L3 N 61°47' E	529.4'
L4 N 88°35' E	684.7'
L5 N 57°26' W	175.8'

FILE NO: 44-54-E-19
 DRAWING NO: Cheat Unit 1H BHL MOD
 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: December 17, 2020
 OPERATOR'S WELL NO. Cheat 1H
 API WELL NO. 47-095-02719
 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/Magnolia COUNTY: Top Hole:Tyler 76.25; 33.8125; BTM Hole:Wetzel 58.6; 93.6985; 98.2;
 SURFACE OWNER: Patricia Ann Heintzman James D. Van Camp, et ux; Harold Skinner; Sherry Lynn Chefran; Lowmax R. Kunkel; 28.33; 42.55; 47.5;
 ROYALTY OWNER: Patricia Ann Heintzman; Norma Smith; Dennis R. Heintzman, et ux; Brenda L. Martin; BRC Appalachian Minerals I, LLC (3); James D. Van Camp, et al (3); 365.2064; 62.18; 100;
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL MOD LEASE NO: ACREAGE: 73.26 59.75; 109.875; 151.08;
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 23,000' MD 7,000' TVD

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



Leases			
A	Patricia Ann Heintzman	N	James D. VanCamp, et al
B	Norma Smith	O	James D. VanCamp, et al
C	Patricia Ann Heintzman	P	BRC Appalachian Minerals I, LLC
D	Dennis R. Heintzman, et ux	Q	Sybil Mae Gorby
E	BRC Appalachian Minerals I, LLC	R	Penny G. Bond
F	Harold Skinner	S	James D. VanCamp, et al
G	James D. VanCamp, et al	T	BRC Appalachian Minerals I, LLC
H	Kerry Lemasters, et ux	U	James D. VanCamp, et ux
I	Antero Minerals, LLC	V	Lowmax R. Kunkel
J	Brenda L. Martin	W	Sherry Lynn Chefred
K	James D. VanCamp, et al	X	BRC Appalachian Minerals, I LLC
L	Judy P. Meyers	Y	David B. Shriver
M	James D. VanCamp, et al	Z	James D. VanCamp, et al



ID	TM/Par	Owner	Bk/Pg	Acres
1	10-2	Patricia Ann Heintzman	W13/384	73.26
2	10-3	Kevin S. & Melinda S. Goff	597/808	53.75
3	10-1	Patricia Ann Heintzman	150/15	48.50
4	6-36	Dennis & Clista Heintzman	297/640	417.60
5	6-35.1	Stephen & Andriea Knowlton	289/20	13.32
6	6-35.2	Stephen & Andriea Knowlton	224/77	29.02
7	6-35.4	Stephen & Andriea Knowlton	340/412	17.46
8	6-35.3	Stephen & Andriea Knowlton	224/77	3.00
9	6-24	Harold Skinner	204/595	62.18
10	6-16.2	Stephen J. & Andriea Knowlton	211/375	13.30
11	6-16	Kerry & Barbara Lemasters	215/548	33.76
12	6-16.3	Michael L. Roberts	407/45	14.81
13	6-25.1	Kevin Lee Fletcher	328/723	5.76
14	6-16.4	Michael L. Roberts	407/45	27.74
15	6-15	James D. VanCamp, et al	W38/144	47.50
16	6-16.5	James M. & Sherry Starkey	344/785	24.44
17	6-15.1	James D. VanCamp, et ux	174/451	2.28
18	6-3	James D. Vancamp, et al	W38/144	23.87
19	6-4	James D. Vancamp, et al	W38/144	46.76
20	6-2	Joel A. Prosser	387/736	6.64
21	3-4.3	Joel A. Prosser	387/736	23.62
22	6-5	Gary A. & Penny K. Midcap	301/265	75.55
23	3-4.3.2	Larry & Kimberly Henthorn	642/513	2.05
24	3-4.3.1	Janet Johnson	W29/203	0.90
25	3-4.4.1	Tylor D. Hostuttler	592/109	0.98
26	3-4.4.2	Gary A & Penny K Midcap	272/632	0.88
27	3-4.4	Jamie Leigh Parks	337/764	9.86
28	3-4.4.5	W.J. & Melissa Buchanan	326/348	1.72
29	2-11	Rosalie B. Henry	W35/616	61.54
30	3-4.0	Rosalie Henry	170/006	46.21
31	3-4.0.1	Ernest D & Karen Sure Helmick	185/431	2.21
32	2-8.4	Jonathan & Mary Belle Pittman	186/170	21.14
33	3-4.7	Donna & Matthew Cecil	462/582	8.61
34	3-4.5	Clay R. Hupp	302/460	3.14
35	3-46.1	Pamela R. Nelson-Lansford	328/699	2.96
36	3-4.6	Vada R Hart	40/469	1.54
37	3-4.7.1	Jack L. Throck-Morton	462/582	1.33
38	3-12	Lomax R. Kunkel	297/692	57.51
39	3-12.1	Josephine Kunkel	286/75	1.90
40	3-4.8	Linda Hoover	356/233	45.00
41	2-1.1	Donald E. Virden, Jr.	421/281	68.20
42	16-65	Kenneth W. & Norma A. Headley	355/347	58.60
43	2-1	Donald E. Virden, Jr.	421/281	30.84
44	16-56	Verda Hart	W69/785	10.50
45	6-1	Sybil Gorby	175/265	17.26

FILE NO: 44-54-E-19
 DRAWING NO: Cheat Unit 1H BHL MOD
 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: December 17 2020
 OPERATOR'S WELL NO. Cheat 1H
 API WELL NO
 47 - 095 - 02719
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built 1,125' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Top Hole:Porter Falls
 DISTRICT: Ellsworth/Magnolia COUNTY: BTM Hole:Paden City
 SURFACE OWNER: Patricia Ann Heintzman James D. Van Camp, et ux; Harold Skinner; Sherry Lynn Chefred; Lowmax R. Kunkel; BRC Appalachian Minerals I, LLC (3); James D. VanCamp, et al (3); TOP Hole Tyler; BTM Hole Wetzel; 76.25; 33.8125; 58.6; 93.6985; 98.2; 28.33; 42.55; 47.5; 365.2064; 62.18; 100; 59.75; 109.875; 151.08;
 ROYALTY OWNER: Patricia Ann Heintzman; Norma Smith; Dennis R. Heintzman, et ux; Brenda L. Martin; LEASE NO: ACREAGE: 73.26
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL MOD 7,000' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 23,000' 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

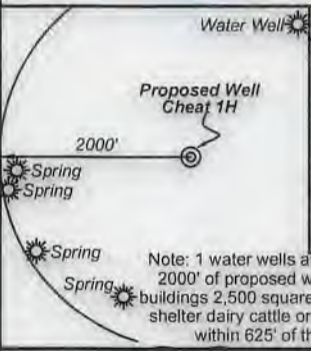
**Antero Resources
Well No. Cheat 1H
BHL MOD**
Antero Resources Corporation



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.

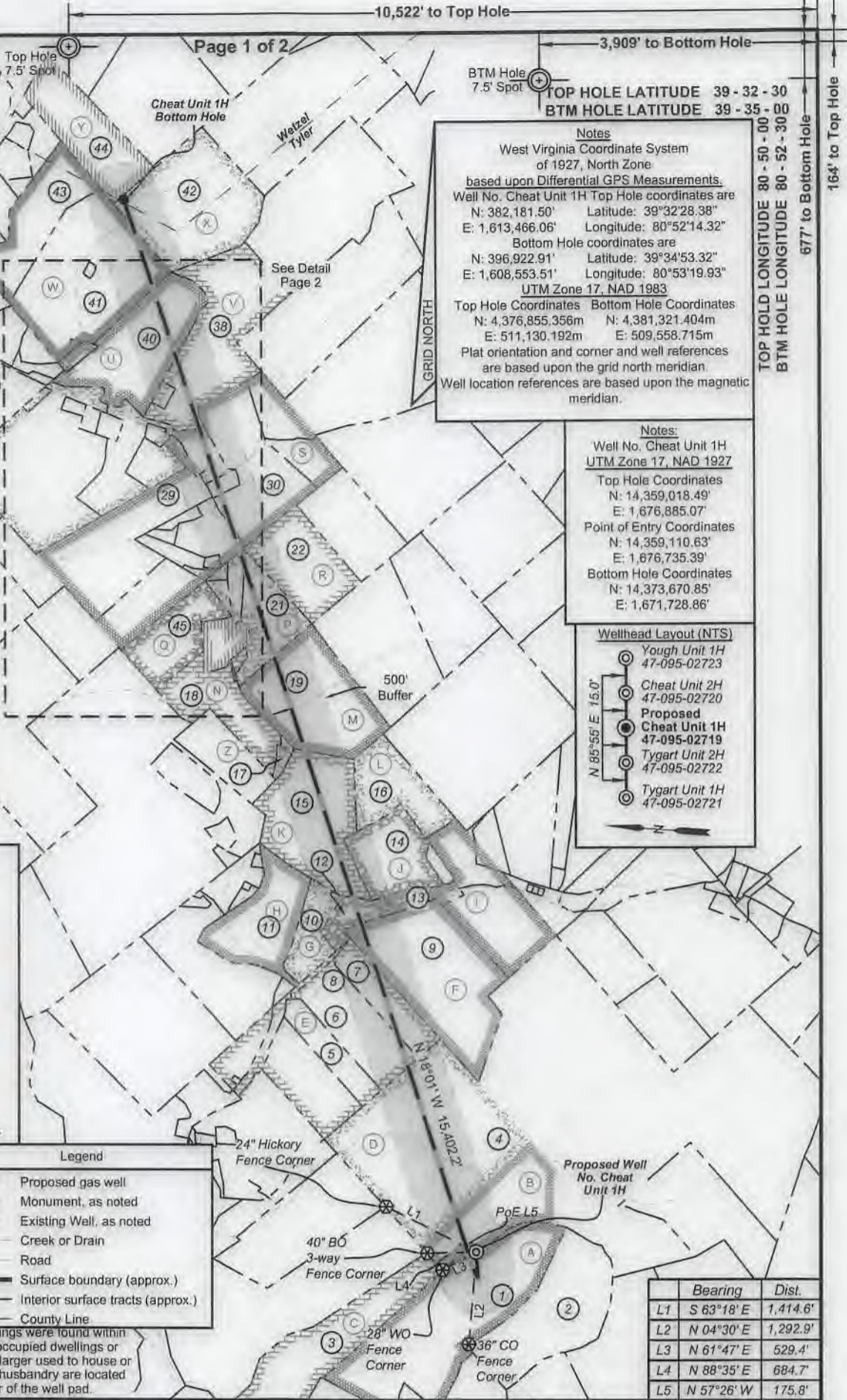
Bradley D. Miller

Bradley D. Miller, P.S. 2167



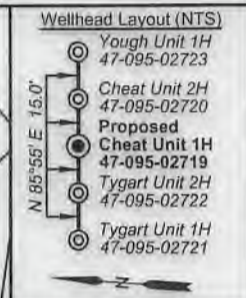
- Legend**
- ⊙ Proposed gas well
 - ⊗ Monument, as noted
 - ⊛ Existing Well, as noted
 - Creek or Drain
 - Road
 - Surface boundary (approx.)
 - Interior surface tracts (approx.)
 - County Line

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.



Notes
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based upon Differential GPS Measurements.
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N: 382,181.50' Latitude: 39°32'28.38"
E: 1,613,466.06' Longitude: 80°52'14.32"
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Bearing	Dist.
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FILE NO: 44-54-E-19
DRAWING NO: Cheat Unit 1H BHL MOD
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: December 17 2020
OPERATOR'S WELL NO. Cheat 1H
API WELL NO
47 - 095 - 02719
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/Magnolia COUNTY: BTM Hole:Wetzel

SURFACE OWNER: Patricia Ann Heintzman Jamed D. Van Camp, et ux; Harold Skinner; Sherry Lynn Chefran; Lowmax R. Kunkel; BRC Appalachian Minerals I, LLC (3); James D. VanCamp, et al (3); 76.25; 33.8125; 58.6; 93.6985; 98.2; 28.33; 42.55; 47.5; 365.2064; 62.18; 100; 59.75; 109.975; 161.08;

ROYALTY OWNER: Patricia Ann Heintzman; Norma Smith; Dennis R. Heintzman, et ux; Brenda L. Martin; LEASE NO: ACREAGE: 73.26

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL MOD 7,000' TVD

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 23,000' 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



Leases			
A	Patricia Ann Heintzman	N	James D. VanCamp, et al
B	Norma Smith	O	James D. VanCamp, et al
C	Patricia Ann Heintzman	P	BRC Appalachian Minerals I, LLC
D	Dennis R. Heintzman, et ux	Q	Sybil Mae Gorby
E	BRC Appalachian Minerals I, LLC	R	Penny G. Bond
F	Harold Skinner	S	James D. VanCamp, et al
G	James D. VanCamp, et al	T	BRC Appalachian Minerals I, LLC
H	Kerry Lemasters, et ux	U	James D. VanCamp, et ux
I	Antero Minerals, LLC	V	Lowmax R. Kunkel
J	Brenda L. Martin	W	Sherry Lynn Cheffren
K	James D. VanCamp, et al	X	BRC Appalachian Minerals, I LLC
L	Judy P. Meyers	Y	David B. Shriver
M	James D. VanCamp, et al	Z	James D. VanCamp, et al



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21	3-43	Joel A Prosser	387/736	23.62
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24	3-43.1	Janei Johnson	W29/203	0.90
25	3-44.1	Tylor D. Hostuttler	592/109	0.98
26	3-44.2	Gary A & Penny K Midcap	272/632	0.88
27	3-44	Jamie Leigh Parks	337/764	9.86
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29	2-11	Rosalie B. Henry	W35/616	61.54
30	3-40	Rosalie Henry	170/006	46.21
31	3-40.1	Ernest D & Karen Sure Helmick	185/431	2.21
32	2-8.4	Jonathan & Mary Belle Pittman	186/170	21.14
33	3-47	Donna & Matthew Cecil	462/582	8.61
34	3-45	Clay R. Hupp	302/460	3.14
35	3-46.1	Pamela R. Nelson-Lansford	328/699	2.96
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37	3-47.1	Jack L. Throck-Morton	462/582	1.33
38	3-12	Lomax R. Kunkel	297/692	57.51
39	3-12.1	Josephine Kunkel	286/75	1.90
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41	2-1.1	Donald E. Virden, Jr.	421/281	68.20
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FILE NO: 44-54-E-19
 DRAWING NO: Cheat Unit 1H BHL MOD
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 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: December 17 2020
 OPERATOR'S WELL NO. Cheat 1H
 API WELL NO
 47 - 095 - 02719
 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/Magnolia COUNTY: Bottom Hole:Paden City

SURFACE OWNER: Patricia Ann Heintzman James D. Van Camp, et ux; Harold Skinner; Sherry Lynn Cheffren; Lowmax R. Kunkel; ACREAGE: 73.26
 BRC Appalachian Minerals I, LLC (3); James D. VanCamp, et al (3);

ROYALTY OWNER: Patricia Ann Heintzman; Norma Smith; Dennis R. Heintzman, et ux; Brenda L. Martin; LEASE NO: ACREAGE: 76.25; 33.8125;
 58.6; 93.6985; 98.2;
 28.33; 42.55; 47.5;
 365.2064; 62.18; 100;
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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: 7,000' TVD
 23,000' 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