

**Antero Resources Well
No. Remo Unit 2H**

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



Note: 1 spring was 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. There were no gas wells found or documented within 3000' of the proposed well.

Wellhead Layout (NTS)

- Remo Unit 1H (47-095-02578)
- Proposed Well Remo Unit 2H (47-095-02579)
- Hennessy Unit 1H (47-095-02577)
- Hennessy Unit 2H (47-095-2575)
- Guild Unit 1H (47-095-2573)
- Guild Unit 2H (47-095-2574)
- Guild Unit 3H
- Guild Unit 4H

Notes:
Well No. Remo Unit 2H
UTM Zone 17, NAD 1927
Top Hole Coordinates
N: 14,333,953.69'
E: 1,663,420.21'
Point of Entry Coordinates
N: 14,334,198.63'
E: 1,662,557.69'
Bottom Hole Coordinates
N: 14,346,639.78'
E: 1,658,298.76'

Notes:
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Remo Unit 2H Top Hole coordinates are
N: 357,336.47' Latitude: 39°28'20.71"
E: 1,599,579.92' Longitude: 80°55'06.55"
Bottom Hole coordinates are
N: 370,110.67' Latitude: 39°30'26.18"
E: 1,594,669.29' Longitude: 80°56'11.77"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,369,215.434m N: 4,373,082.136m
E: 507,025.959m E: 505,464.968m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

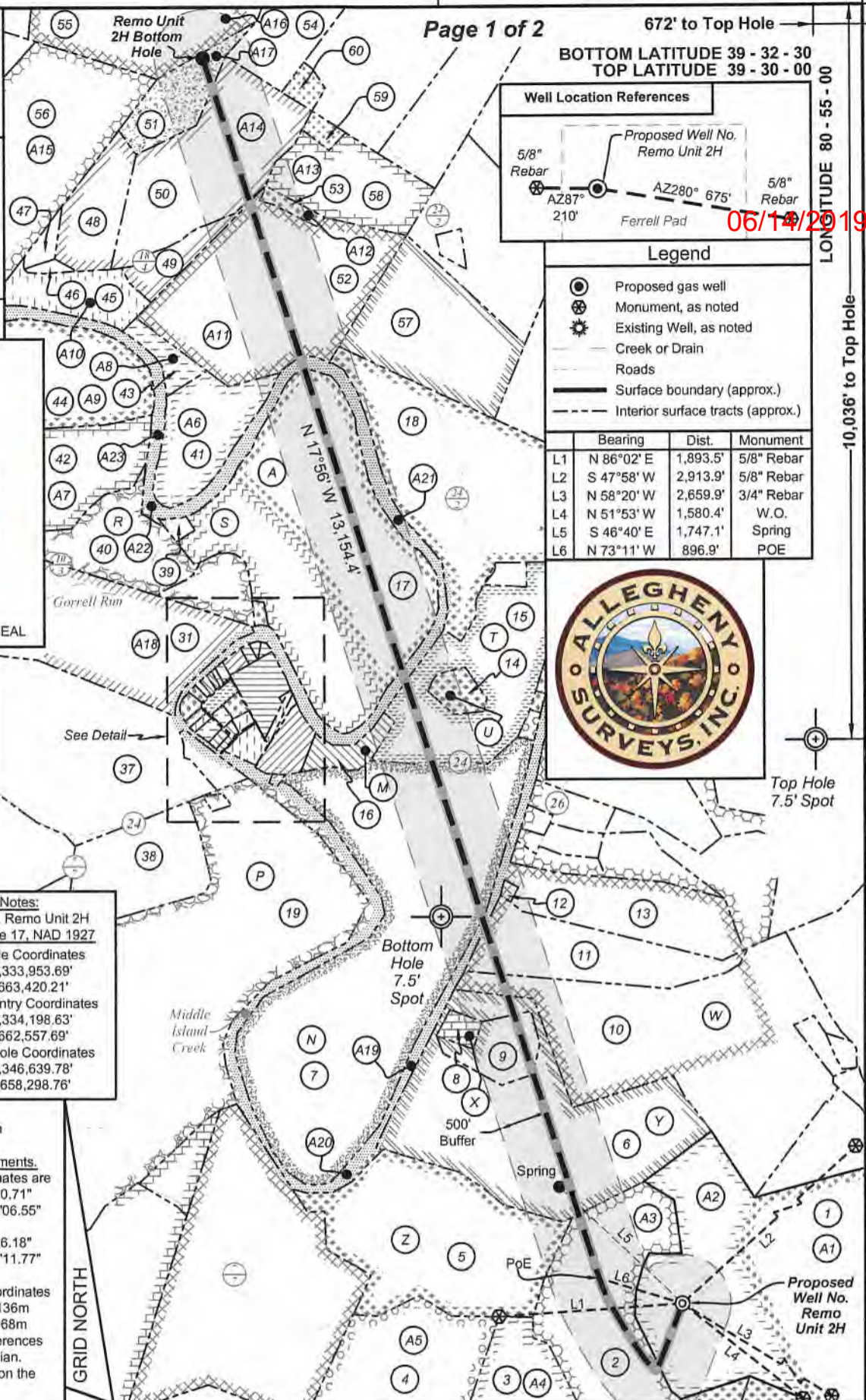
FILE NO: 17-54-E-17
DRAWING NO: Remo 2H Well Plat
SCALE: 1" = 1500'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

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

DATE: May 13 2019
OPERATOR'S WELL NO. Remo Unit 2H
API WELL NO
47 - 095 - 02579
STATE COUNTY PERMIT

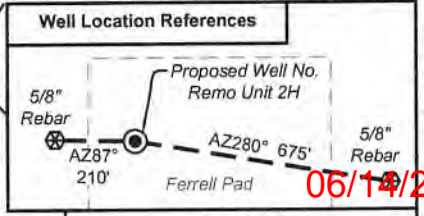
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: As-Built 757' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Middlebourne 13.919; 22.3;
DISTRICT: Ellsworth Bounty Minerals; LLC; COUNTY: Tyler 15.9; 61.71875;
SURFACE OWNER: Antero Midstream LLC J. Howard Hassig & Teresa A. Hassig; Larry R. Henthorn, et ux; 99.413; 63.02;
ROYALTY OWNER: West Virginia Division of Natural Resources (2); Richard L. Clark; Richard J. Mathisen & Lisa M. Beane; John P.L. Hennessy; 140; 84.724;
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL Mod 6.500' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 21,300' 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



Page 1 of 2

5,822' to Bottom Hole
672' to Top Hole
BOTTOM LATITUDE 39 - 32 - 30
TOP LATITUDE 39 - 30 - 00



Legend

- Proposed gas well
- Monument, as noted
- Existing Well, as noted
- Creek or Drain
- Roads
- Surface boundary (approx.)
- Interior surface tracts (approx.)

	Bearing	Dist.	Monument
L1	N 86°02' E	1,893.5'	5/8" Rebar
L2	S 47°58' W	2,913.9'	5/8" Rebar
L3	N 58°20' W	2,659.9'	3/4" Rebar
L4	N 51°53' W	1,580.4'	W.O.
L5	S 46°40' E	1,747.1'	Spring
L6	N 73°11' W	896.9'	POE



06/14/2019

LONGITUDE 80 - 55 - 00

10,036' to Top Hole

12,436' to Bottom Hole

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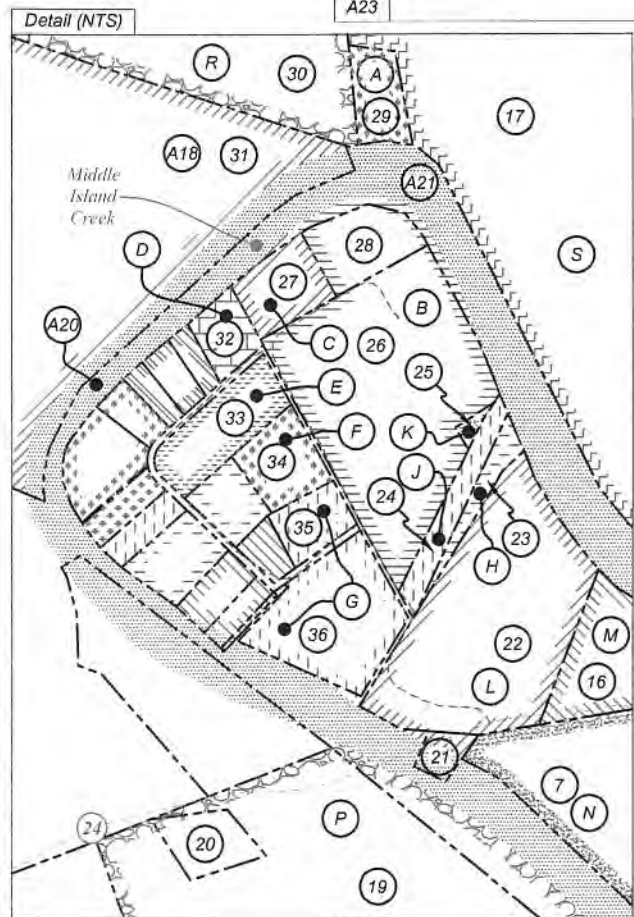



06/14/2019

No.	TM - Par.	Bk / Pg	Acres	Owner(s)
60	14 - 12	393 / 260	2.58	Lawrence Oraton Evens Jr.
59	14 - 28	393 / 260	2.00	Lawrence Oraton Evens Jr.
58	14 - 29	478 / 280	26.00	Boor Family Trust
57	14 - 37	447 / 112	41.90	Theresa L. Hutton
56	15 - 17	191 / 12	127.39	Earl & Donna Smith
55	13 - 1	330 / 931	150.00	James L. & Martha Jo Stewart
54	13 - 2	113 / 6	35.00	Lawrence Oraton Evens Jr.
53	13 - 5.1	342 / 553	2.00	Richard Scales
52	13 - 5	393 / 473	78.00	Mildred Scales
51	13 - 3.1	350 / 388	13.919	Earnley H. & Donna J. Owens
50	13 - 3.3	349 / 563	70.509	Richard J. Mathisen
49	13 - 3.4	415 / 733	7.505	Justin L. & Jessica Carpenter
48	13 - 3.5	406 / 668	17.648	Lisa M. Beane
47	13 - 3.2	342 / 509	2.433	Marshall J. & Peggy S. Dalrymple
46	13 - 4	267 / 209	1.03	Marshall J. Dalrymple
45	13 - 3	387 / 671	8.62	Robert D. & Sherry A. Ball
44	13 - 8	WB43 / 425	56.98	Larry Moore & James Moore
43	13 - 7	387 / 671	6.04	Robert D. & Sherry A. Ball
42	13 - 8.1	371 / 36	35.11	Leon B. & Dearna N. Ammons
41	13 - 6	387 / 671	21.42	Robert D. & Sherry A. Ball
40	19 - 56	390 / 553	23.56	Mark L. & Ellen Van Dyne
39	19 - 4	388 / 250	1.20	Harry Wayne Pixter
38	19 - 35	WB30 / 315	29.00	Rebecca Haught
37	19 - 34	318 / 636	95.60	Chauncy P. & Ruth Archer
36	19 - 19	226 / 266	2.308	Keith V. & Barbara Frum
35	19 - 25.2	334 / 117	0.631	Keith & Barbara Frum
34	19 - 25.3	334 / 117	0.631	Keith & Barbara Frum
33	19 - 25.1	303 / 105	1.288	Bill & Patricia Lemasters
32	19 - 8	357 / 127	0.60	Robert G. & Pamela R. Gorby
31	19 - 33	308 / 18	60.12	Mark L. & Ellen W. Van Dyne
30	19 - 55	333 / 208	9.55	Mark & Ellen Van Dyne
29	19 - 5	471 / 812	0.89	Ruth A. McDonald
28	19 - 7	337 / 653	0.77	Jerry E. & Jessie K. Tracy
27	19 - 26	326 / 86	0.60	Jack & Margaret M. Henthorn
26	19 - 6	245 / 651	8.05	James E. & Jessie K. Tracy
25	19 - 27	39 / 506	0.08	Gloria L. Lowther
24	19 - 28	39 / 506	0.083	Gloria L. Lowther
23	19 - 29	39 / 506	0.39	Gloria L. Lowther
22	19 - 30	WB30 / 315	5.40	Rebecca A. Haught
21	19 - 31	334 / 603	0.25	WV Department of Highways
20	19 - 52.1	369 / 434	1.00	Hope Fellowship in Christ's Church
19	19 - 52	WB43 / 425	188.36	Larry Moore, et al
18	20 - 2	282 / 506	68.05	Larry Allen & Ronald Wayne Anderson
17	20 - 1	210 / 37	126.90	Mark L. & Ellen W. Van Dyne
16	20 - 34	344 / 268	7.75	Michael P. & Deborah G. Haught
15	20 - 12	264 / 127	39.76	Hilda Steen
14	20 - 12.4	282 / 435	4.493	Ross L. & Marion Elizabeth Keller
13	20 - 83.6	WB40 / 335	30.034	Cynthia Heather & Thomas Hall
12	20 - 83.2	311 / 390	0.545	Ernest D. & Karen S. Helmick
11	20 - 83.7	400 / 592	30.353	Ernest D. & Karen S. Helmick
10	20 - 83	WB40 / 335	99.413	Larry S. & Dianna L. Helmick
9	20 - 98.2	417 / 303	10.493	Charles D. & Crystal D. Price
8	20 - 98.1	353 / 386	2.576	Samuel M. Brookover
7	20 - 35	181 / 376	140.00	Robert C. Sellers, et al
6	20 - 98	247 / 7	74.231	John P.L. Hennessy
5	20 - 97	314 / 699	66.84	Dennis J. & Connie S. Moore
4	26 - 1	448 / 216	61.78	Dennis James Moore, et al
3	26 - 2	314 / 701	63.40	Larry G. & Betsy E. Moore
2	26 - 3	448 / 216	63.02	Dennis James Moore, et al
1	20 - 102	575 / 69	203.59	Antero Midstream, LLC

Tag	Lease Owner(s)
A	CHK-MAC
B	Jerry E. & Jessie K. Tracy
C	Jack & Margaret M. Henthorn
D	Robert G. Gorby
E	Bill & Patricia Lemasters
F	Michael T. Fluharty
G	Keith V. & Barbara Frum
H	
J	Gloria L. Lowther
K	
L	Rebecca A. Haught
M	Michael P. & Deborah G. Haught
N	Robert Earl Pitts
P	Ruth E. Moore, widow
R	Mark & Ellen VanDyne
S	Mark & Ellen VanDyne
T	Hilda Steen
U	Hilda Steen
W	J. Howard & Teresa A. Hassig
X	Samuel M. Brookover
Y	John P.L. Hennessy
Z	Richard L. Clark

Tag	Lease Owner(s)
A1	The Swan Living Trust
A2	Larry R. Henthorn, et ux
A3	
A4	Richard L. Clark
A5	
A6	Phyllis Roth Tobias
A7	Leon D. Ammons, et ux
A8	Phyllis Roth Tobias
A9	James Moore
A10	Phyllis Roth Tobias
A11	Richard Addy Scales
A12	Richard A. Scales
A13	Ronald E. Boor
A14	Richard J. Mathisen & Lisa M. Beane
A15	Donna Smith
A16	Mark Starkey
A17	Bounty Minerals, LLC
A18	Ridgetop Capital, IV, LP, a WV Limited Partnership
A19	
A20	
A21	West Virginia Division of Natural Resources
A22	
A23	



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 ROYALTY OWNER: West Virginia Division of Natural Resources (2); Richard L. Clark Richard J. Mathisen & Lisa M. Beane; John P.L. Hennessy; ACREAGE: 203.59 140; 84.724;
 LEASE NO: Hilda Steen; Robert Earl Pitts; CHK-MAC; Mildred L. Scales; ACREAGE: 70.89; 39.757;
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
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ADDRESS: 1615 Wynkoop Street Denver, CO 80202	ADDRESS: 5400 D Big Tyler Road Charleston, WV 25313