

11,632' to Top Hole

8,011' to Bottom Hole

Page 1 of 2

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

TOP HOLE LATITUDE 39 - 30 - 00
BTM HOLE LATITUDE 39 - 27 - 30



Top Hole 7.5' Spot

Middle Island Creek

Proposed Well No. Eldorado 2H

Notes
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Eldorado Unit 2H Top Hole coordinates are
N: 365,155.261' Latitude: 39°29'36.25"
E: 1,588,620.18' Longitude: 80°57'27.91"
Bottom Hole coordinates are
N: 348,893.44' Latitude: 39°28'56.08"
E: 1,592,001.16' Longitude: 80°56'41.45"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,371,541.625m N: 4,366,604.624m
E: 503,647.274m E: 504,760.019m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

LONGITUDE 80 - 55 - 00
2,217' to Top Hole
3,305' to Bottom Hole

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, P.S. 2167

Notes:
Well No. Eldorado Unit 2H UTM Zone 17, NAD 1927
Top Hole Coordinates
N: 14,341,585.81'
E: 1,652,335.28'
Point of Entry Coordinates
N: 14,340,804.24'
E: 1,650,607.37'
Bottom Hole Coordinates
N: 14,325,388.27'
E: 1,655,986.01'

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

Well Location References (NTS)



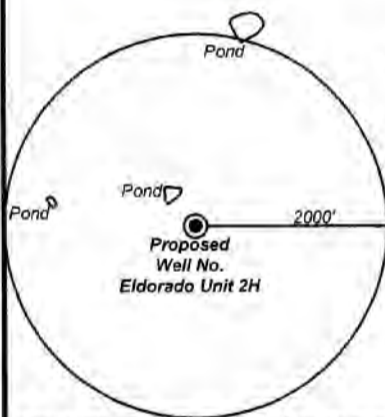
Wellhead Layout (NTS)



	Bearing	Dist.
L1	N 21°44' E	783.8'
L2	N 56°32' E	700.3'
L3	N 67°22' E	1,374.2'
L4	S 20°21' W	992.3'
L5	S 65°51' W	1,842.6'



SEAL



Note: It appears 0 water wells and 3 ponds were found within 2000' of proposed well. No occupied dwellings and no 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.

FILE NO: 117-54-M-18
DRAWING NO: Eldorado 2H Well Plat
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: February 25 20 20
OPERATOR'S WELL NO. Eldorado Unit 2H
API WELL NO
47 - 095 - 02682
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
Proposed Elev. 880'
LOCATION: ELEVATION: Existing Elev. 882' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Middlebourne 61.83; 83.13; 53; 77.5; 50; 186.008;
DISTRICT: Ellsworth/Meade/Union Sarah Lawson Wilson; Cathy D. Post; Patricia Doty Thomas; COUNTY: Tyler 126.125; 80; 100;
SURFACE OWNER: Eldon J. & Ruth A. Helman Stoneycnob Holdings, LLC; Four Leaf Land Co.; Penelope M. Burch (2); Gary E. Patterson, et ux; 35; 291.5; 39.25;
ROYALTY OWNER: Eldon J. & Ruth A. Helman; Lora Kaffer Thomas (2); Leslie W. Potts; Kimberly Ruble GARY C. & Maryjane Richards; Charlotte A. Weise; Nancy Jo & Jerry Allen Haught; ACREAGE: 61.83 132.08; 93.234;
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION 20; 2; 56.25725;
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL MOD LEASE NO: ACREAGE: 6.05; 140; 5; 4;
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 25,600' MD 6,600' 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



ID	TM/Par	Owner	Bk/Pg	Acres
1	19-1	Eldon J. & Ruth A. Helman	383/761	61.83
2	13-10	Eldon J. & Ruth A. Helman	383/761	96.82
3	6-1.1	Eldon J. & Ruth A. Helman	383/761	21.0
4	6-2	Eldon J. & Ruth A. Helman	383/761	83.13
5	10-1	Lora K. Thomas	175/19	53.0
6	10-2	Mary Elizabeth Potts, et al	126/444	50.0
7	10-10	Lora K. Thomas	201/359	307.06
8	19-42	Carol J. Cox	334/298	142.0
9	10-3	Joseph B. & Melanie Thomas	173/503	39
10	10-10.2	Jon C. & Grace L. Thomas	331/772	2.0
11	19-46	Judy Rine, et al	W29/643	60.0
12	19-44	Randee Jack Cox	288/401	92.886
13	19-50	Larry & Betsy Moore, et al	312/108	116.04
14	19-49	W. Clint Maxwell Estate	W4/270	35.14
15	19-48	Sharon L. Bland	275/349	43.46
16	2-2.2	Mary Cline & Kathy Lancaster	352/380	8.0
17	2-2.1	Patricia Doty Thomas	192/409	39.25
18	2-4	Jon J. Cox & Patricia D. Thomas	311/352	78.0
19	2-2	Kenneth & Brenda Lancaster	280/586	22.0
20	2-3	Richard C. & Laura J. Kratochvila	384/648	17.25
21	2-4.1	Patricia Doty Thomas	316/222	62.0
22	2-14.1	Robert L. & Nancy C. Donaghy	269/121	26.36
23	2-13	Robert L. & Nancy C. Donaghy	317/477	4.79
24	2-12	Richard & Jaura J. Kratochvila	384/648	93.24
25	2-14	Robert L. & Nancy C. Donaghy	339/9	31.43

ID	TM/Par	Owner	Bk/Pg	Acres
26	2-12.1	Richard B. & Nancy L. Stender	359/162	16.16
27	2-33	Cathy Post	302/368	20.13
28	2-31	Richard B. & Nancy L. Stender	359/162	20.0
29	2-36.2	Robert & Sharon Kastigar	232/369	44.21
30	2-30.1	Richard B. & Nancy L. Stender	359/162	31.0
31	2-33.1	Linda D. Modesitt	322/768	2.0
32	2-20	James R. & Violet M. Smith	267/226	39.856
33	2-27	Cathy Post	302/368	4.0
34	2-18.1	David & Debra Haught	294/442	102.03
35	2-25	Lawson Church	102/342	0.92
36	2-29	Cathy Post	302/368	0.55
37	2-32	Kimberly Ruble	W27/601	5.0
38	2-28	Robert & Sharon Kastigar	243/379	0.5
39	2-34	Church of Christ	137/498	1.0
40	2-36	David E. & Debra K. Haught	390/588	0.91
41	2-35	Robert & Sharon Kastigar	243/379	2
42	2-37	Rhudel V. III & Suzanne Burgee	338/30	56
43	2-30	Arthur R. Davis III	375/634	10.5
44	2-49	Gary & Linda Patterson	224/479	4.0
45	2-26	Cathy Post	302/368	4.25
46	2-26.1	Roy Hadley	341/666	0.25
47	2-24	David H. Hadley, et al	374/632	74
48	5-10.2	Ronald P. Miller	255/682	8.0
49	5-10.1	Bruce A. Stewart	540/83	7.66
50	5-10	David H. Hadley, et al	374/632	12.94

Detail (NTS)



Leases	
A	Eldon J. & Ruth A. Helman
B	Ruth H. Wells
C	Norma R. Spencer, Trustee of the Allan P. Spencer Living Trust
D	Gary C. & Maryjane Richards
E	Lora Keller Thomas
F	Lora Keller Thomas
G	Carol J. Cox
H	Leslie W. Potts
I	H3, LLC
J	Joseph B. Thomas, et ux
K	Charlotte A. Weise
L	Raymond Cox
M	Nancy Jo & Jerry Allen Haught
N	Recol, Inc.
O	Lisa Norman, et vir
P	Roy D. Hadley
Q	Patricia Doty Thomas
R	Church of Christ
S	Donald E. Huffman
T	Richard C. Kratochvila, et ux
U	Four Leaf Land Company
V	Stoneyknob Holdings, LLC
W	Penelope M. Burch
X	Sarah Lawson Wilson
Y	Penelope M. Burch
Z	Richard B. Stender, et ux
AA	Danny J. Nagle, et ux
AB	Kimberly Ruble
AC	Cathy D. Post
AD	Sarah L. Hahn
AE	Denton Eugene Hadley
AF	Gary E. Patterson, et ux
AG	David V. Hadley
AH	Charlotte M. Adams
AI	Ronald P. Miller
AJ	Robert Kastigar
AK	Donald James Hadley
AL	Cathy D. Post

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