

**Antero Resources**  
**Well No. Treasury Unit 2H**  
**As-Drilled**  
**Antero Resources Corporation**

(+) Denotes  
 Location of Well on  
 United States  
 Topographic Maps

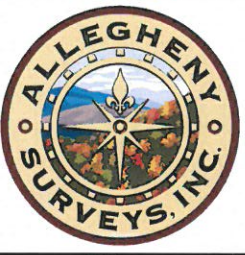
PAGE 1 of 2

7,275' to Bottom Hole

4,616' to Top Hole

BOTTOM LATITUDE 39 - 32 - 30  
 TOP LATITUDE 39 - 30 - 00

LONGITUDE 80 - 55 - 00



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**

**Lease Owner Table**

A.	Lisa D. Beaver Lease
B.	Marshall J. Dalrymple Lease
C.	Phyllis Roth Tobias Lease
D.	Harry W. Pixler Lease
E.	p/o CHK-MAC, LLC Lease

- Wellhead Layout**  
 Detail Not to Scale
- Dierkes Unit 3H
  - Dierkes Unit 2H 47-095-02551
  - Dierkes Unit 1H 47-095-02550
  - Kirk Hadley Unit 2H
  - Kirk Hadley Unit 1H 47-095-02554
  - **As-Drilled Treasury Unit 2H 47-095-02557**
  - Treasury Unit 1H 47-095-02556
  - Weese Unit 2H 47-095-02553
  - Weese Unit 1H 47-095-02552
  - Houser Unit 3H
  - Houser Unit 2H 47-095-02555
  - Houser Unit 1H 47-095-02480
  - Kirk Hadley 8 47-095-02031

**Notes:**  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Well No. Treasury Unit 2H Top Hole coordinates are  
 N: 354,095.92' Latitude: 39°27'48.06"  
 E: 1,595,636.15' Longitude: 80°55'56.17"  
 Bottom Hole coordinates are  
 N: 369,035.29' Latitude: 39°30'15.33"  
 E: 1,593,215.11' Longitude: 80°56'30.10"

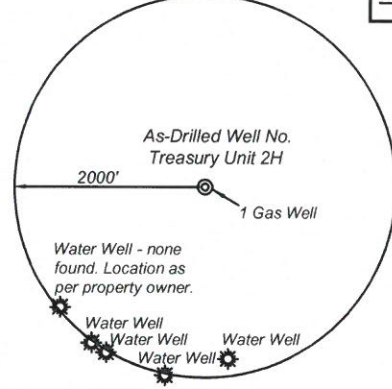
Bearing	Dist.
L1 N 43°43' E	716.1'
L2 S 29°05' E	998.5'
L3 S 28°34' W	1,567.1'
L4 S 48°55' W	1,857.1'

**UTM Zone 17, NAD 1983**  
 Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,368,208.097m N: 4,372,747.106m  
 E: 505,840.963m E: 505,027.408m

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.

Note: It appears 5 water wells 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.



- Legend**
- Proposed gas well
  - Found corner, as noted
  - ⊙ Existing Well, as noted
  - - - Creek or Drain
  - - - Existing Road
  - - - Surface boundary (approx.)
  - - - Interior surface tracts (approx.)

FILE NO: 101-54-E-18  
 DRAWING NO: Treasury 2H 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: April 23 20 20  
 OPERATOR'S WELL NO. Treasury Unit 2H  
 API WELL NO  
 47 - 095 - 02557  
 STATE COUNTY PERMIT

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

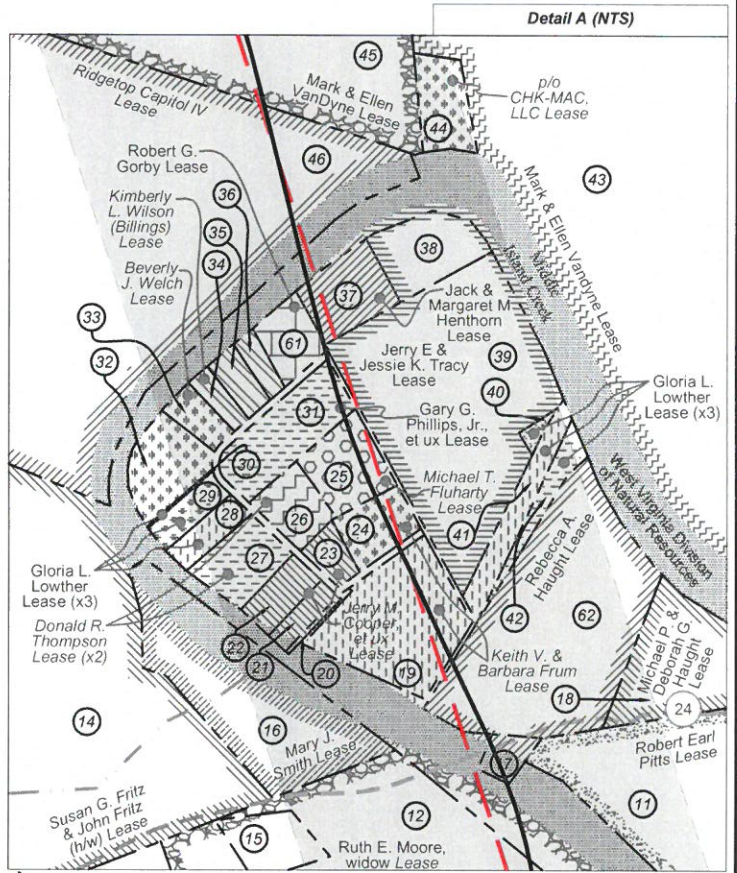
LOCATION: ELEVATION: As-Built 912' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Middlebourne  
 DISTRICT: Meade, Ellsworth, Lincoln  
 SURFACE OWNER: Kirk L. Hadley  
 ROYALTY OWNER: Kirk Hadley; Richard L. Clark(3); John P.L. Hennessy; Robert Earl Pitts;

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: 21,947' 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

No.	TM - Par.	Bk / Pg	Acres	Owner(s)
54	13 - 3.4	415 / 733	7.505	Justin L. & Jessica Carpenter
53	13 - 5	393 / 473	78.00	Richard Addy Scales
52	13 - 7	387 / 671	6.04	Robert D. & Sherry A. Ball
51	13 - 8	WB43 / 425	56.98	Larry Moore & James Moore
50	13 - 8.1	371 / 36	35.11	Leon B. & Deanna N. Ammons
49	13 - 6	387 / 671	21.42	Robert D. & Sherry A. Ball
48	19 - 4	388 / 250	1.20	Harry Wayne Pixler
47	19 - 56	390 / 553	23.56	Mark L. & Ellen W. VanDyne
46	19 - 33	308 / 18	60.12	Ridgetop Capitol IV
45	19 - 55	333 / 208	9.55	Mark & Ellen VanDyne
44	19 - 5	471 / 812	0.89	Ruth A. McDonald
43	20 - 1	210 / 37	126.90	Mark L. & Ellen W. VanDyne
42	19 - 29	39 / 506	0.39	Gloria L. Lowther
41	19 - 28	39 / 506	0.083	Gloria L. Lowther
40	19 - 27	39 / 506	0.08	Gloria L. Lowther
39	19 - 6	245 / 651	8.05	Jerry E. & Jessie K. Tracy
38	19 - 7	337 / 653	0.77	Jerry E. & Jessie K. Tracy
37	19 - 26	326 / 86	0.60	Jack & Margaret M. Henthorn
36	19 - 9	355 / 675	0.23	Kimberly L. Billings
35	19 - 10	355 / 675	0.35	Kimberly L. Billings
34	19 - 11	355 / 675	0.23	Kimberly L. Billings
33	19 - 12	255 / 334	0.35	Beverly J. Welch
32	19 - 13	255 / 334	0.80	Beverly J. Welch
31	19 - 25.1	303 / 105	1.288	Gary G. Jr. & Debbie A. Phillips
30	19 - 13.1	355 / 782	0.03	Gloria L. Lowther
29	19 - 14	355 / 782	0.39	Gloria L. Lowther
28	19 - 15	355 / 782	0.39	Gloria L. Lowther
27	19 - 16	329 / 47	0.79	Donald R. Thompson
26	19 - 25	329 / 47	1.241	Donald R. Thompson
25	19 - 25.3	334 / 117	0.631	Keith & Barbara Frum
24	19 - 25.2	334 / 117	0.631	Keith & Barbara Frum
23	19 - 21	312 / 141	0.30	Jerry Michael & Anna Arlene Cooper
22	19 - 17	312 / 141	0.51	Jerry Michael & Anna Arlene Cooper
21	19 - 20	312 / 141	0.22	Jerry Michael & Anna Arlene Cooper
20	19 - 18	312 / 141	0.06	Jerry Michael & Anna Arlene Cooper
19	19 - 19	226 / 266	2.308	Keith V. & Barbara Frum
18	20 - 34	344 / 268	7.75	Michael P. & Deborah G. Haught
17	19 - 31	334 / 603	0.25	WV Department of Highways
16	19 - 32	147 / 426	4.41	Mary J. Smith
15	19 - 52.1	369 / 434	1.00	Hope Fellowship in Christ's Church
14	19 - 34	318 / 636	95.60	Chauncy P. & Ruth Archer
13	19 - 35	WB30 / 315	29.00	Rebecca Haught
12	19 - 52	WB43 / 425	188.36	Larry Moore, et al
11	20 - 35	181 / 376	140.00	Robert C. Sellers, et al
10	20 - 98	247 / 7	74.231	John P. L. Hennessy
9	20 - 97	314 / 699	66.84	Dennis J. & Connie S. Moore
8	26 - 3	448 / 216	63.02	Dennis James Moore, et al
7	26 - 9	404 / 352	28.021	JB Exploration I, LLC
6	26 - 2	314 / 701	63.40	Larry G. & Besty E. Moore
5	26 - 1	448 / 216	61.78	Dennis James Moore, et al
4	19 - 54	WB36 / 738	100.00	Deborah Susan Reed
3	25 - 2	333 / 188	75.00	Angela K. & James A. Long Jr.
2	26 - 11	321 / 842	40.00	Kirk L. Hadley
1	26 - 12	213 / 74	162.00	Kirk L. Hadley

No.	TM - Par.	Bk / Pg	Acres	Owner(s)
72	2 - 15.1	333 / 188	23.70	Angela K. & James A. Long Jr.
71	2 - 5	392 / 712	69.50	Robert L. & Nancy C. Donaghy, et al
70	2 - 5.1	204 / 309	54.24	Donald R. & Shirley D. Fletcher
69	2 - 15	333 / 188	100.00	Angela K. & James A. Long Jr.
68	3 - 1.2	309 / 598	41.25	William Kent & Deborah Lee Snyder
67	15 - 13	174 / 412	140.00	B.F., Ben H., & Ida M. Kile
66	15 - 16.1	339 / 706	1.00	Richard G. Thomas
65	15 - 16	WB30 / 1	81.67	Everett Glen Thomas
64	15 - 17	191 / 12	127.39	Earl & Donna Smith
63	15 - 17.1	327 / 758	6.35	Lisa D. Beaver
62	19 - 30	WB30 / 315	5.40	Rebecca A. Haught
61	19 - 8	357 / 127	0.60	Robert G. & Pamela R. Gorby
60	13 - 3.1	350 / 388	13.919	Earnley H. & Donna J. Owens
59	13 - 3.2	342 / 509	2.433	Marshal J. & Peggy S. Dalrymple
58	13 - 4	267 / 209	1.03	Marshal J. Dalrymple
57	13 - 3	387 / 671	8.62	Robert D. & Sherry A. Ball
56	13 - 3.5	406 / 668	17.648	Lisa M. Beane
55	13 - 3.3	349 / 563	70.509	Richard J. Mathisen



FILE NO: 101-54-E-18  
 DRAWING NO: Treasury 2H 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: April 23 20 20  
 OPERATOR'S WELL NO. Treasury Unit 2H  
 API WELL NO  
 47 - 095 - 02557  
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built 912' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Middlebourne Paden City 2.308; 0.631; 1.288;  
 DISTRICT: Meade, Ellsworth, Lincoln COUNTY: Tyler 66.84; 61.25; 63.4;  
 SURFACE OWNER: Kirk L. Hadley ACREAGE: 162 56.98; 70.89; 64.48;  
 ROYALTY OWNER: Kirk Hadley; Richard L. Clark(3); John P.L. Hennessy; Robert Earl Pitts; ACREAGE: 140; 84.724; 0.60;

PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL MOD 6,166' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 21,947' 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