

Antero Resources
Well No. Lyle 2H
As-Drilled
Antero Resources Corporation

9,032' to Top Hole

7,705' to Bottom Hole

TOP HOLE LATITUDE 39 - 20 - 00
 BTM HOLE LATITUDE 39 - 17 - 30

LONGITUDE 80 - 45 - 00
 4,158' to Bottom Hole

10,841' to Top Hole



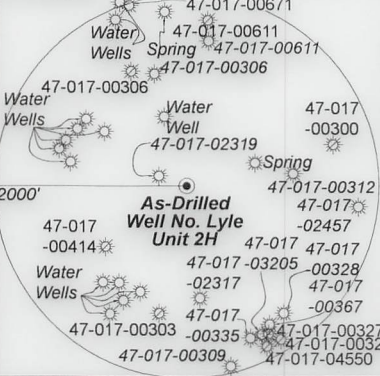
Top Hole Coordinates, As-drilled data, and information was provided by Antero Resources Corporation. Allegheeny Surveys Inc. (ASI) is not certifying the data and information provided. ASI is not responsible for any errors or inaccuracies with the data and information that has been provided.

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: 14 water wells and 2 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.

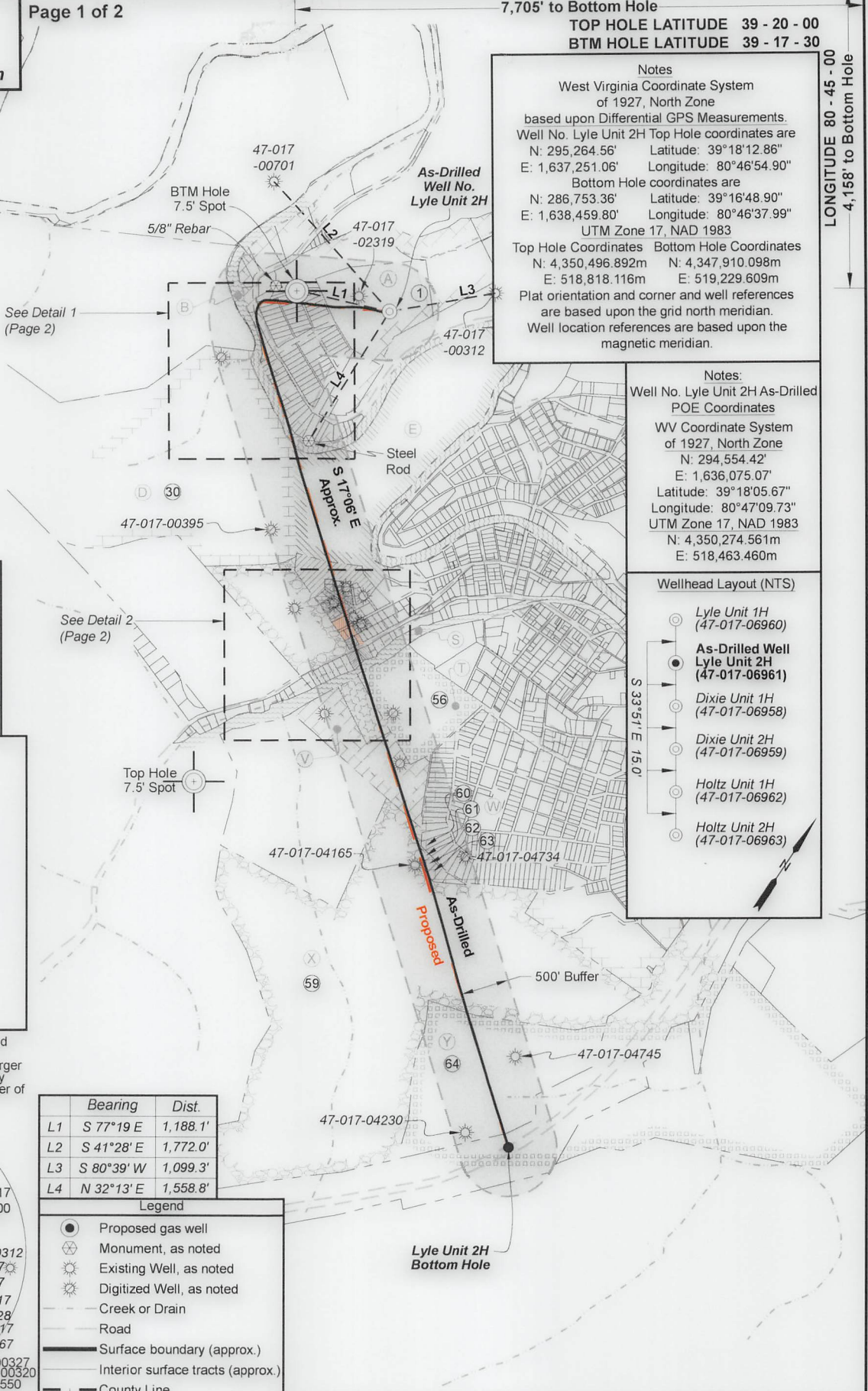
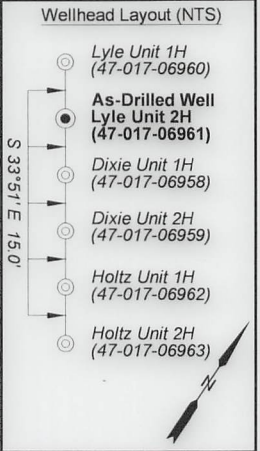


	Bearing	Dist.
L1	S 77°19' E	1,188.1'
L2	S 41°28' E	1,772.0'
L3	S 80°39' W	1,099.3'
L4	N 32°13' E	1,558.8'

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

Notes
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements. Well No. Lyle Unit 2H Top Hole coordinates are N: 295,264.56' Latitude: 39°18'12.86" E: 1,637,251.06' Longitude: 80°46'54.90" Bottom Hole coordinates are N: 286,753.36' Latitude: 39°16'48.90" E: 1,638,459.80' Longitude: 80°46'37.99" UTM Zone 17, NAD 1983 Top Hole Coordinates Bottom Hole Coordinates N: 4,350,496.892m N: 4,347,910.098m E: 518,818.116m E: 519,229.609m 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. Lyle Unit 2H As-Drilled POE Coordinates WV Coordinate System of 1927, North Zone N: 294,554.42' E: 1,636,075.07' Latitude: 39°18'05.67" Longitude: 80°47'09.73" UTM Zone 17, NAD 1983 N: 4,350,274.561m E: 518,463.460m



FILE NO: 59-30-WU-14
 DRAWING NO: Lyle Unit 2H As-Drilled 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: October 4 20 24
 OPERATOR'S WELL NO. Lyle Unit 2H
 API WELL NO
 47 - 017 - 06961
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 Headwaters Middle
 LOCATION: ELEVATION: As-Drilled 886' WATERSHED: Island Creek QUADRANGLE: West Union
 DISTRICT: West Union COUNTY: Doddridge
 SURFACE OWNER: Antero Resources Corp. ACREAGE: 16.5
 ROYALTY OWNER: Claude F. Smith, et ux LEASE NO: ACREAGE: 90
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 6,506' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 15,256' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Kevin Ellis
 ADDRESS: 1615 Wynkoop Street ADDRESS: 535 White Oaks Blvd.
 Denver, CO 80202 Bridgeport, WV 26330

WR-35

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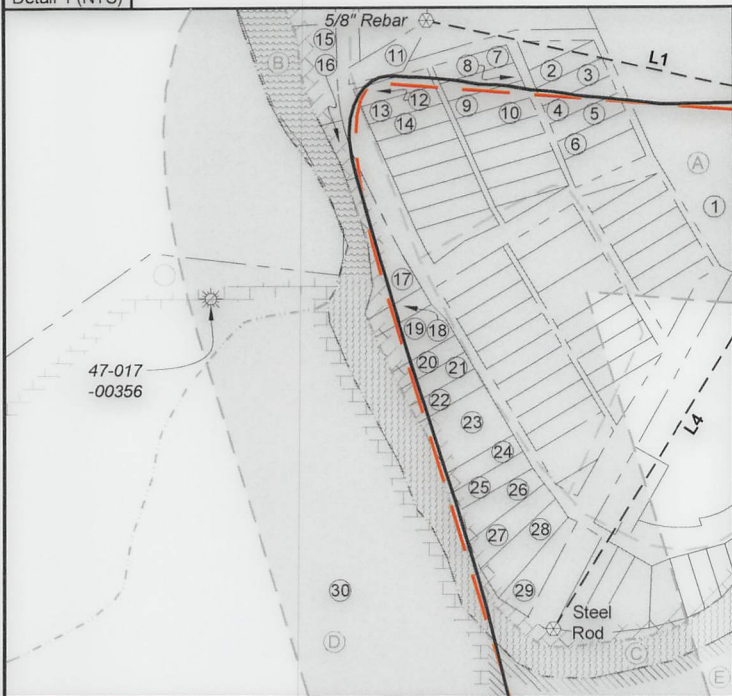
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Leases	
A	Claude F. Smith, et ux
B	WVDNR
C	WVDNR
D	Claude F. Smith, et ux
E	J.M.L. Smith
F	XTO Energy, Inc.
G	TBB Consulting, LLC
H	TBB Consulting, LLC
I	Cheryl Ann Tarbet

Leases	
J	Nancy Ody
K	Kenneth R. Mason, et ux
L	Paul Lister
M	Antero Minerals, LLC
N	Donna R. Campbell, et al
O	Mary Lou Knight
P	Wilma Smith
Q	Amanda Lin Iden
R	Dennis H. Powell

Leases	
S	WV State Rail Authority
T	John C. Farr
U	John C. Farr
V	Harry E. Cline
W	Mary A. Stuart, et al
X	Celia Schutte, et al
Y	Joseph Cheuvront & W.S. Stuart

Detail 1 (NTS)



Detail 2 (NTS)



ID	TM-Par	Owner	Bk/Pg	Acres
1	11-3	Antero Resources Corp.	431 / 528	16.50
2	35-91	Antero Resources Corp.	430 / 666	0.23
3	35-92	Antero Resources Corp.	430 / 666	0.23
4	35-3	Antero Resources Corp.	430 / 666	0.23
5	35-93	Antero Resources Corp.	430 / 666	0.23
6	35-94	Antero Resources Corp.	430 / 666	0.23
7	35-72	Robert M. Cutright	170 / 723	0.23
8	35-73	Robert M. Cutright	170 / 723	0.23
9	35-74	Larry D. Patterson	240 / 110	0.23
10	35-75	Larry D. Patterson	240 / 110	0.23
11	11-2.2	Volusia Ventures, LLC	476 / 92	0.30
12	35-51	Danny G. Rowe	256 / 588	0.23
13	35-14	Danny G. Rowe	256 / 588	0.23
14	35-52	Danny G. Rowe	256 / 588	0.23
15	35-19	Sharon A. Ferrell & Charles Dale Allen	469 / 579	0.81
16	35-38	Michael L. Smith & Joseph M. Smith	365 / 407	0.31
17	35-39	Michael L. Smith & Joseph M. Smith	365 / 407	0.60
18	35-40	Michael L. Smith & Joseph M. Smith	365 / 407	0.33
19	35-20	Michael L. Smith & Joseph M. Smith	365 / 407	0.44
20	35-41	Michael L. Smith & Joseph M. Smith	365 / 407	0.23
21	35-42	Michael L. Smith & Joseph M. Smith	365 / 407	0.23
22	35-43	Joshua A. & Kimberly D. Weekley	273 / 124	0.23
23	35-21	Joshua A. & Kimberly D. Weekley	273 / 124	0.69
24	35-22	Joshua A. & Kimberly D. Weekley	273 / 124	0.24
25	35-23	Joshua A. & Kimberly D. Weekley	273 / 124	0.25
26	35-24	Joshua A. & Kimberly D. Weekley	273 / 124	0.26
27	35-44	Ralph P. & Shelia R. McCutchan	205 / 263	0.30
28	35-25	Ralph P. & Shelia R. McCutchan	205 / 263	0.44
29	35-45	Ralph P. & Shelia R. McCutchan	205 / 263	0.17
30	11-13.2	Frank E. McGill	429 / 448	199.30
31	33-1	Franklin R. & R. Leroy Kinney	236 / 519	4.94
32	33-66	Franklin R. & R. Leroy Kinney	236 / 519	0.09
33	33-67	Franklin R. & R. Leroy Kinney	236 / 519	0.09
34	33-65	Franklin R. & R. Leroy Kinney	236 / 519	0.11
35	33-68	Franklin R. & R. Leroy Kinney	236 / 519	0.09
36	33-64	Cheryl Ann Tarbet	W119 / 228	0.09
37	33-69	Franklin R. & R. Leroy Kinney	236 / 519	0.11
38	33-70	Franklin R. & R. Leroy Kinney	236 / 519	0.07
39	33-3	Cheryl Ann Tarbet	W119 / 228	0.11
40	33-63	Cheryl Ann Tarbet	W119 / 228	0.11
41	33-6	Ralph Percy	68 / 317	0.14
42	33-4	Roy L. Smith, et al	W18 / 117	0.21
43	33-5	Cheryl Ann Tarbet	W119 / 228	0.24
44	33-60	Steven & James Carpenter	233 / 556	0.34
45	33-9	Paul Lister, et al	234 / 531	0.11
46	33-10	Paul Lister, et al	234 / 531	0.13
47	33-56	Steven & James Carpenter	233 / 556	0.11
48	33-16	Steven & James Carpenter	233 / 556	0.11
49	33-57	Steven & James Carpenter	233 / 556	0.11
50	33-58	Donna R. Campbell	462 / 328	0.11
51	33-23	Wilma Smith	283 / 427	0.26
52	33-24	William T. Howell, III	510 / 559	0.10
53	11-20	Nora Summers Estate	113 / 488	18.31
54	33-51	Dennis H. Powell	279 / 480	0.53
55	33-52	Amanda Lin Iden	493 / 453	0.44
56	11-38	John C. Farr	234 / 91	17.90
57	11-37	John C. Farr	234 / 91	4.00
58	11-38.1	John C. Farr	234 / 91	17.90
59	15-3	E Properties LTD	201 / 396	186.86
60	31-194	J. Charles Buff & George J. Buff, III	377 / 517	0.53
61	31-237	J. Charles Buff & George J. Buff, III	377 / 517	0.22
62	31-238	J. Charles Buff & George J. Buff, III	377 / 517	0.24
63	31-239	J. Charles Buff & George J. Buff, III	377 / 517	0.28
64	15-4	E Properties LTD	201 / 396	115.03

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