

Antero Resources
Well No. Lyle 1H
As-Drilled
Antero Resources Corporation

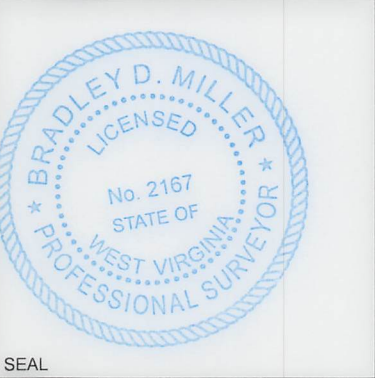
Page 1 of 2



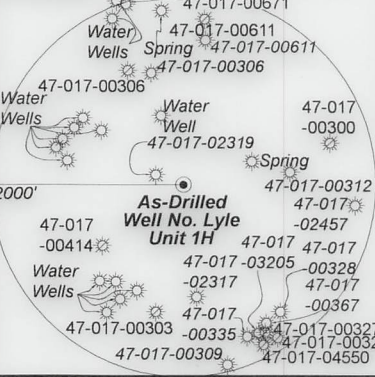
Top Hole Coordinates, As-drilled data, and information was provided by Antero Resources Corporation. Allegheny Surveys Inc. (ASI) is not certifying the data and information provided. ASI is not responsible for any errors or inaccuracies with the data and information that has been provided.

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°50' E	1,176.9'
L2 S 41°32' E	1,756.8'
L3 S 81°22' W	1,105.8'
L4 N 31°42' E	1,564.9'

- 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

9,041' to Top Hole

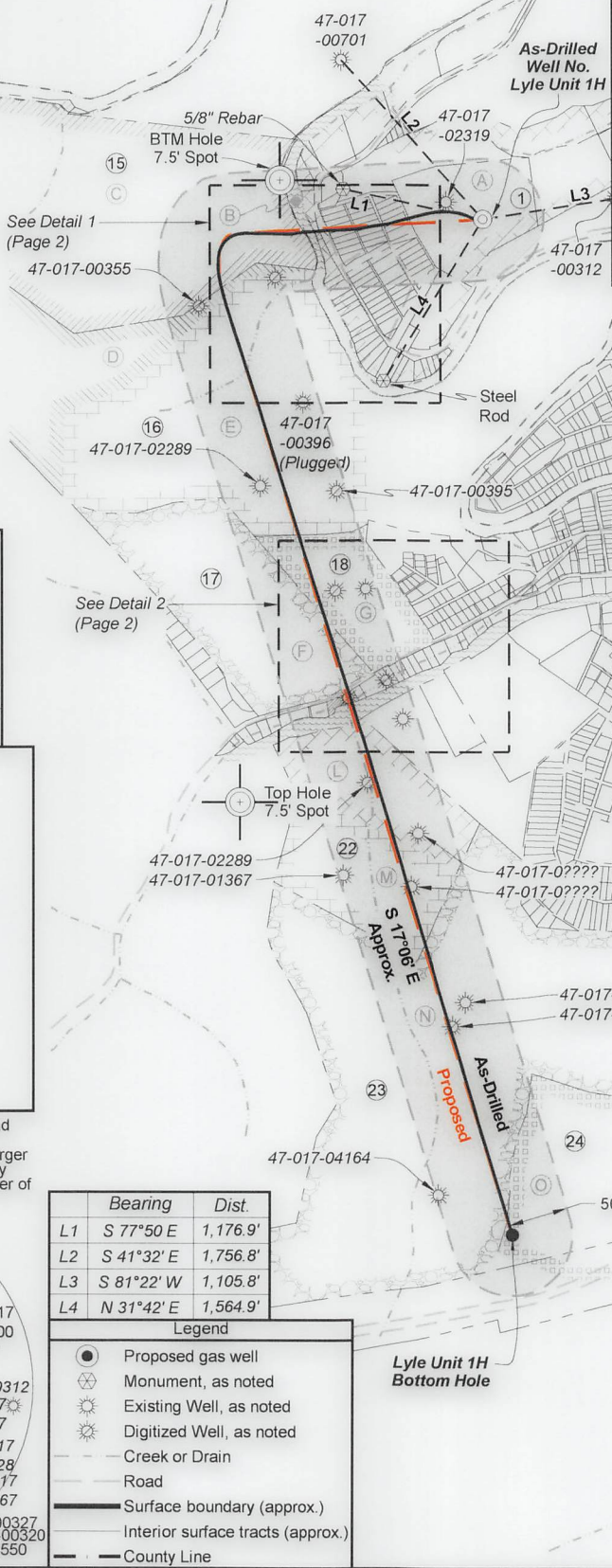
8,686' to Bottom Hole

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

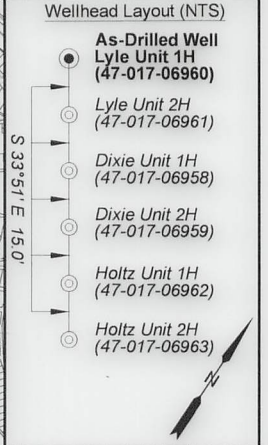
Notes
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements. Well No. Lyle Unit 1H Top Hole coordinates are N: 295,277.25' Latitude: 39°18'12.98" E: 1,637,242.40' Longitude: 80°46'55.01" Bottom Hole coordinates are N: 286,925.42' Latitude: 39°16'50.47" E: 1,637,480.68' Longitude: 80°46'50.47" UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,350,500.714m N: 4,347,957.532m
 E: 518,815.413m E: 518,930.446m
 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 - 45 - 00
 4,000' to Bottom Hole

10,828' to Top Hole



Notes:
 Well No. Lyle Unit 1H As-Drilled POE Coordinates
 WV Coordinate System of 1927, North Zone
 N: 294,381.80'
 E: 1,635,185.91'
 Latitude: 39°18'03.84"
 Longitude: 80°47'21.01"
 UTM Zone 17, NAD 1983
 N: 4,350,217.446m
 E: 518,193.455m



FILE NO: 59-30-WU-14
 DRAWING NO: Lyle Unit 1H 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 1H
 API WELL NO
 47 - 017 - 06960
 STATE COUNTY PERMIT

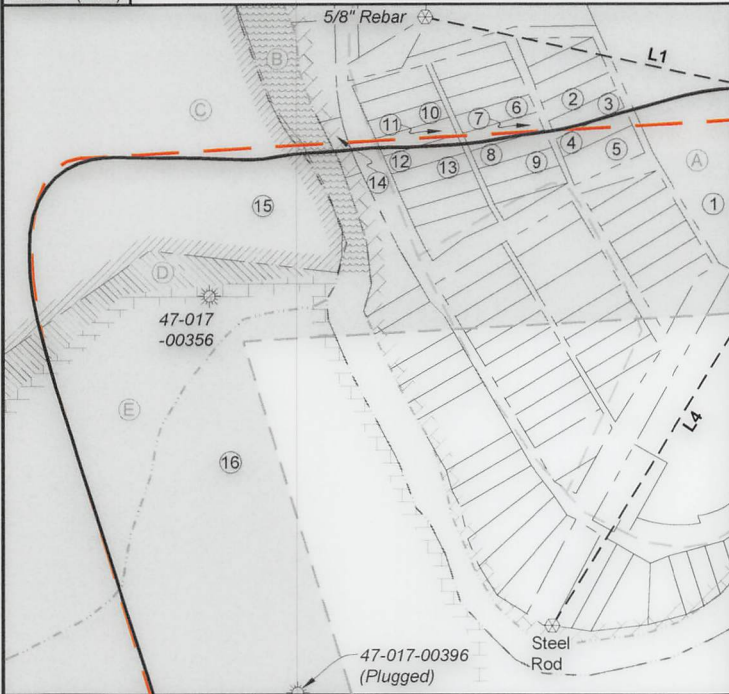
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 Headwaters Middle
 LOCATION: ELEVATION: As-Drilled 886' WATERSHED: Island Creek QUADRANGLE: West Union
 DISTRICT: West Union COUNTY: Doddridge
 SURFACE OWNER: Antero Resources Corp. ACREAGE: 16.5
 ROYALTY OWNER: 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 6,504' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 15,159' 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

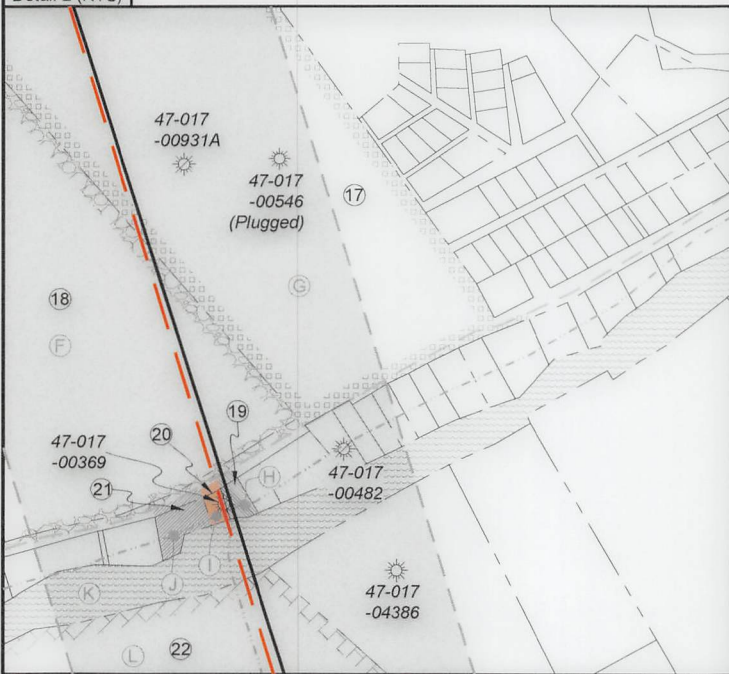


Detail 1 (NTS)



Leases	
A	Claude F. Smith, et ux
B	WVDNR
C	Masterson Family Trust
D	Alice H. Maxwell
E	Claude F. Smith, et ux
F	William G. Summers, et al
G	TBB Consulting, LLC
H	Russell D. Leggett, et ux
I	Pamela Kay McDonough
J	Christine Van Natter
K	WV State Rail Authority
L	Stuart Family Trust
M	Arnold L. Stuart, et ux
N	Celia Schulte, et al
O	Joseph Cheuvront & W.S. Stuart

Detail 2 (NTS)



ID	TM-Par	Owner	Bk/Pg	Acres
1	11-3	Antero Resources Corp.	431 / 528	16.50
2	35-3	Antero Resources Corp.	430 / 666	0.23
3	35-93	Antero Resources Corp.	430 / 666	0.23
4	35-94	Antero Resources Corp.	430 / 666	0.23
5	35-95	Antero Resources Corp.	430 / 666	0.36
6	35-75	Larry D. Patterson	240 / 110	0.23
7	35-7	James I. Williams	170 / 720	0.23
8	35-76	James I. Williams	170 / 720	0.23
9	35-77	Antero Resources Corp.	431 / 526	0.23
10	35-52	Danny G. Rowe	256 / 558	0.23
11	35-53	Antero Resources Corp.	431 / 240	0.22
12	35-54	Antero Resources Corp.	431 / 240	0.22
13	35-55	Antero Resources Corp.	431 / 240	0.22
14	35-38	Michael & Joseph Smith	365 / 407	0.31
15	11-1	Coastal Forest Resources Co.	260 / 135	238.44
16	11-13.2	Frank E. McGill	429 / 448	199.30
17	11-20	Nora Summers Estate	113 / 488	18.31
18	11-19.1	U.G. Summers Estate	113 / 484	49.50
19	33-38	Teddy D. Anderson, Jr.	518 / 671	0.17
20	33-37	Herold M. & Dottie M. Underwood	392 / 208	0.16
21	33-36	Herold M. & Dottie M. Underwood	392 / 208	0.33
22	11-36	James E. Heflin	173 / 794	49.00
23	15-3	E Properties LTD	201 / 396	186.86
24	15-4	E Properties LTD	201 / 396	115.03

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