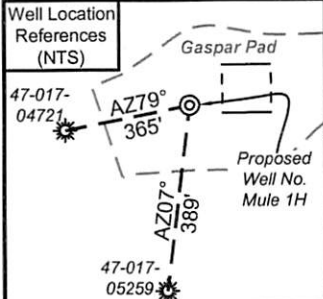
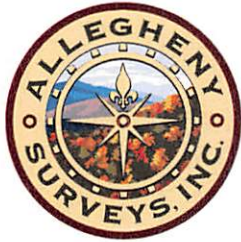


Antero Resources
Well No. Mule 1H
BHL MOD
 Antero Resources Corporation

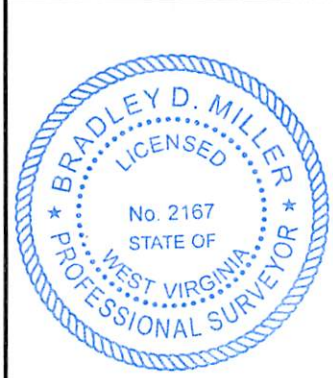
Sheet 1 of 2

3,659' to Top Hole
 3,514' to Bottom Hole
 TOP HOLE LATITUDE 39 - 20 - 00
 BTM HOLE LATITUDE 39 - 17 - 30

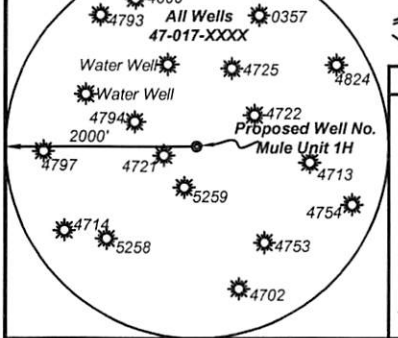


I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

Bradley D. Miller
 Bradley D. Miller, P.S. 2167



Note: 2 water well 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.



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.)

Notes:
 Well No. Mule Unit 1H
 UTM Zone 17, NAD 1927
 Top Hole Coordinates
 N: 14,276,538.45'
 E: 1,707,468.59'
 Point of Entry Coordinates
 N: 14,274,137.69'
 E: 1,704,954.24'
 Bottom Hole Coordinates
 N: 14,265,843.22'
 E: 1,707,642.64'

Wellhead Layout (NTS)

- McKean Unit 2H
47-017-06915
- McKean Unit 1H
47-017-06914
- Calhoun Unit 2H
47-017-06912
- Calhoun Unit 1H
47-017-06913
- Mule Unit 3H
47-017-06918
- Mule Unit 2H
47-017-06917
- Proposed Well
Mule Unit 1H
47-017-06916

Notes
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
 Well No. Mule Unit 1H Top Hole coordinates are
 N: 299,174.02' Latitude: 39°18'52.25"
 E: 1,642,679.03' Longitude: 80°45'46.56"
 Bottom Hole coordinates are
 N: 288,473.63' Latitude: 39°17'06.50"
 E: 1,642,674.68' Longitude: 80°45'44.70"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,351,715.545m N: 4,348,455.629m
 E: 520,451.879m E: 520,504.926m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.

	Bearing	Dist.
L1	N 89°46' E	1,518.8'
L2	S 62°11' E	636.6'
L3	S 61°56' W	773.4'
L4	N 20°01' W	1,529.7'
L5	S 47°17' W	3,477.7'

FILE NO: 55-30-WU-14
 DRAWING NO: Mule Unit 1H 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: February 25 2022
 OPERATOR'S WELL NO. Mule Unit 1H
 API WELL NO MOD
 47 - 017 - 06916
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION: Existing: 1,216' Proposed: 1,189' WATERSHED: Middle Island Creek QUADRANGLE: West Union
 DISTRICT: West Union Antero
 SURFACE OWNER: Midstream, LLC
 ROYALTY OWNER: William A. Farr; James Lincoln Smith; William Ashburn Heirs; Lila June Jackson; LEASE NO: 54 48; 223
 COUNTY: Doddridge
 ACREAGE: 45.8
 ACREAGE: 301.19; 137; 53.5

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: 7,600' TVD
 20,400' MD

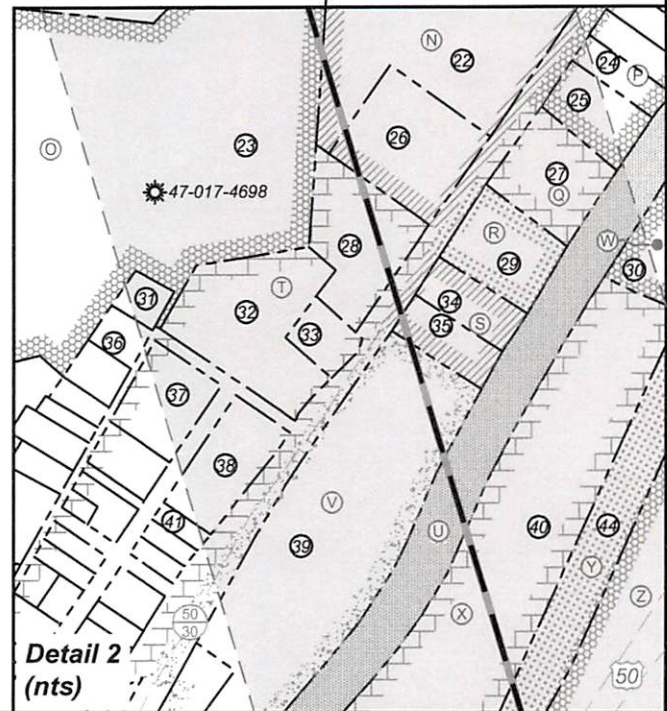
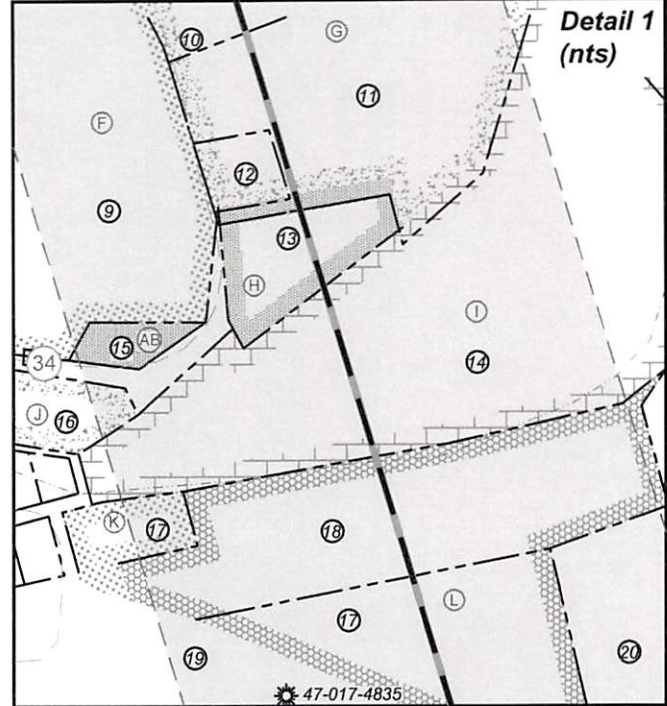
WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System
 ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road
 Denver, CO 80202 Charleston, WV 25313

03/25/2022



Leases			
A	William A. Farr	O	Frank Holtz Jr.
B	William Ashburn Heirs	P	Winston Love Family Trust
C	James Lincoln Smith	Q	Cheryl Lynn Hall
D	G. Frank Ash, et al	R	James P. Pierce
E	Lila June Jackson	S	Earl D. Daugherty
F	John F. Curran, II	T	Franklin Maxwell Heirs
G	Roy E. Smith, et ux	U	WVDNR
H	Trustees of West Union Christian Church	V	Lesley Partite
I	Michael A. Swisher, et ux	W	Key Oil Company & Franklin Butler
J	Elijah B. Ross	X	AMP Fund III, LP
K	L. Donald Cinci, III	Y	WV State Rail Authority
L	Ernest Spence Shannon, et al	Z	R.S. Maxwell & Clarence E. Sigley Sr.
M	Ernest Spence Shannon, et al	AA	Carolyn E. Farr Trust
N	Frank L. Butler	AB	Michael T. Headley, et ux

ID	TM/Par	Owner	Bk/Pg	Acres
1	7-18.1	Antero Midstream, LLC	346/612	45.8
2	7-18	Antero Midstream, LLC	387/708	116.54
3	7-29	Sharon A. Gaspar	W113/242	182.67
4	7-27	Barbara J. Travis & Sharon K. Weekley	W62/674	69.69
5	7-18.3	Bryan & Ronda Ash	216/663	15.00
6	7-18.2	Brian D. and Patricia Sue Reed	392/472	1.34
7	7-30	Bryan & Ronda Ash	426/74	0.36
8	7-24	Iva Marie Partridge	W119/186	3.46
9	11-7	Paul David, II & Linda Nicole Weekley	250/445	41.16
10	11-87	Amy B. & Howard Spurlock II	244/522	8.94
11	11-87.1	Amy B. & Howard Spurlock II	243/113	5.94
12	11-87.2	Howard & Amy Spurlock II	425/632	0.47
13	11-86	Freeman Cemetery	---/---	1.00
14	11-7.1	Michael A. & Vivian L. Swisher	219/617	3.50
15	11-30	Michael T. & Susan M. Headley	277/138	0.45
16	1-157	Elijah B. Ross	361/225	1.45
17	11-15	Rhoda Rene Fitzsimmons, et al	272/89	4.65
18	11-14	Rhoda Rene Fitzsimmons, et al	272/89	5.12
19	11-22	Rhoda Rene Fitzsimmons, et al	272/660	23.27
20	11-16	Rhoda Rene Fitzsimmons, et al	272/89	19.72
21	11-23	Justin E. & Melissa Ann Holtz	342/354	23.77
22	11-24	Clarence Ray Bonnell, et al	105/317	15.76
23	11-42	Justin E. Holtz & Melissa Ann Megna	259/269	14.00
24	11-53	Shelly G. Bonnell	275/367	0.29
25	11-52	Daniel L. Friend	274/34	0.51
26	11-47	Marlin Purkey	320/722	1.15
27	11-51	Cheryl Lynn Hall	W89/488	1.00
28	11-46	Marlin Purkey	320/722	1.16
29	11-50	Earl R. Daugherty	304/415	1.00
30	11-69.1	Franklin L. Butler	255/666	1.00
31	11-24.1	Jo Ann B. Waters Revocable Trust	331/354	0.30
32	11-44	Lucinda R. Buchanan	294/461	0.44
33	11-45	David M. & Cinda L. Fleming	W51/603	0.28
34	11-49	Earl R. Daugherty & Naomi Jean Cupp	305/518	0.40
35	11-48	Earl R. Daugherty & Naomi Jean Cupp	305/518	0.32
36	2-1	Daniel L. & Leiva J. Webb	264/262	0.40
37	2-3	Town of West Union	264/678	0.62
38	2-4	James D. Owens	273/263	0.69
39	11-67.5	Earl R. Daugherty	368/30	5.78
40	11-68	Earl R. Daugherty	286/205	5.00
41	4-101	James D. Owens	273/263	0.10
42	11-95	WV Railroad Maintenance Authority	216/166	31.84
43	11-80	Karen M. Ireland Family L.P.	235/3	105.35
44	11-79.1	Daniel J. Welling	190/537	1.40
45	11-79	Randolph Cemetery	140/139	1.92
46	11-81	Carolyn E. Farr Irrevocable Trust	221/627	41.74
47	12-71.1	Franklin L. Butler & Key Oil Co.	256/324	81.91
48	15-8	Ruth M. Davies Pierce Heirs	26/160	1437.95



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03/25/2022