

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



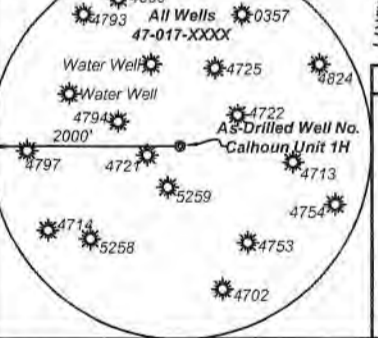
Top Hole Coordinates, As-drilled data, and information was provided by Antero Resources Corporation. Allegany Surveys Inc. (ASI) is not certifying the data and information provided. ASI is not responsible for any errors or inaccuracies with the data and information that has been provided.

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: 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.)

1596' to Bottom Hole
 TOP HOLE LATITUDE 39 - 20 - 00
 BTM HOLE LATITUDE 39 - 17 - 30

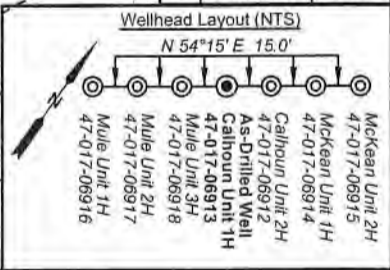
Notes
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
 Well No. Calhoun Unit 1H Top Hole coordinates are
 N: 299,199.53' Latitude: 39°18'52.51"
 E: 1,642,716.18' Longitude: 80°45'46.09"
 Bottom Hole coordinates are
 N: 290,810.80' Latitude: 39°17'29.86"
 E: 1,644,626.68' Longitude: 80°45'20.29"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,351,723.506m N: 4,349,177.589m
 E: 520,463.067m E: 521,087.726m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.

Calhoun Unit 1H As-Drilled POE Coordinates
 West Virginia Coordinate System of 1927, North Zone
 N: 298,539.49'
 E: 1,642,234.38'
 Latitude: 39°18'45.92"
 Longitude: 80°45'52.10"
 UTM Zone 17, NAD 1983
 N: 4,351,519.971m
 E: 520,319.640m

Leases

A	William Ashburn Heirs
B	William A. Farr
C	James Lincoln Smith
D	Jennie Mae Sponaugle, et al
E	Robert Powell, et ux
F	John G. Azar
G	William Franklin Willis
H	Richard Lowther, et ux
I	Carolyn E. Farr Trust
J	WVDNR
K	WV State Rail Authority
L	Mary Agnes Phillips, et al
M	WV DOT, Division of Highways
N	Wanda Longacre, et al

Bearing	Dist.
L1 N 88°50' E	1,556.2'
L2 S 65°40' E	658.8'
L3 S 62°20' W	728.6'
L4 N 18°23' W	1,541.6'



FILE NO: 54-30-WU-14
 DRAWING NO: Calhoun Unit 1H As-Drilled
 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: December 20 20 22
 OPERATOR'S WELL NO. Calhoun Unit 1H
 API WELL NO
 47 - 017 - 06913
 STATE COUNTY PERMIT

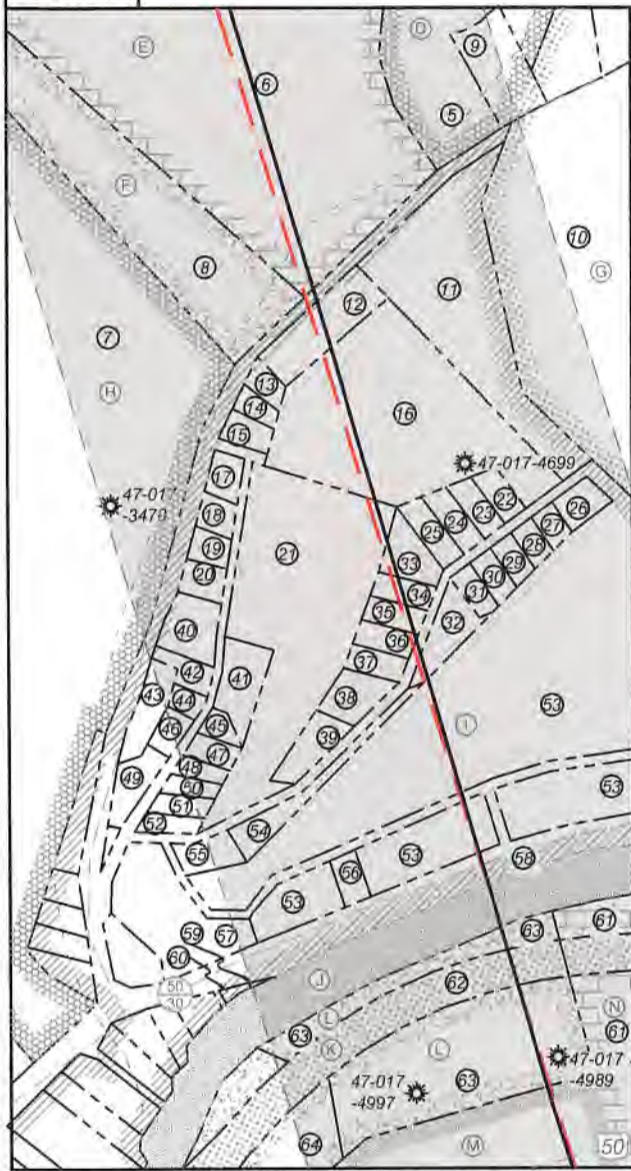
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: As-Built: 1,189' WATERSHED: Middle Island Creek QUADRANGLE: West Union
 DISTRICT: West Union Antero COUNTY: Doddridge
 SURFACE OWNER: Midstream, LLC WV State Rail Authority; WVDNR ACREAGE: 45.8
 ROYALTY OWNER: William A. Farr; James Lincoln Smith; Jennie Mae Sponaugle, et al; Robert Powell, et ux; Carolyn E. Farr Trust; Mary Agnes Phillips, et al; LEASE NO: ACREAGE: 10.9; 115
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 15,132' 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

03/17/2023



DETAIL



ID	TM/Par	Owner	Bk/Pg	Acres
1	7-18	Antero Midstream, LLC	387/708	116.54
2	7-18.1	Antero Midstream, LLC	346/612	45.80
3	7-29	Sharon A. Gaspar	W113/242	182.67
4	8-31	Jacqueline D. & Gayford A. Cox	469/369	53.75
5	7-25	Robert W. Sponaugle, et al	369/496	49.50
6	11-8	Granville Jr. & Rose Mae Criss	317/43	44.15
7	11-9	Shelia Jane Lynch Buck, et al	W8/35	56.25
8	11-9.1	Leonard & Sheila Cash	387/31	6.14
9	7-25.1	Elden C. & Teresa A. Sponaugle	349/701	0.50
10	12-1	Antero Midstream, LLC	378/34	18.90
11	34-3	Spencer Enterprises, LLC	261/512	2.13
12	34-2	Destiny Cheyenne Lambert	436/310	0.39
13	34-61	Destiny Cheyenne Lambert	436/310	0.10
14	34-60	Destiny Cheyenne Lambert	436/310	0.10
15	34-59	Destiny Cheyenne Lambert	436/310	0.10
16	34-62	Terri Lynn Whitehill	AP44/659	2.90
17	34-58	Terri Lynn Whitehill	AP44/659	0.10
18	34-57	Terri Lynn Whitehill	AP44/659	0.10
19	34-56	Terri Lynn Whitehill	AP44/659	0.10
20	34-55	Terri Lynn Whitehill	AP44/659	0.10
21	34-7	Terri Lynn Whitehill	AP44/659	3.00
22	34-82	Terri Lynn Whitehill	AP44/659	0.13
23	34-81	Terri Lynn Whitehill	AP44/659	0.15
24	34-80	Terri Lynn Whitehill	AP44/659	0.15
25	34-79	Terri Lynn Whitehill	AP44/659	0.16
26	34-90	Terri Lynn Whitehill	AP44/659	0.14
27	34-89	Terri Lynn Whitehill	AP44/659	0.10
28	34-88	Terri Lynn Whitehill	AP44/659	0.10
29	34-87	Terri Lynn Whitehill	AP44/659	0.11
30	34-86	Terri Lynn Whitehill	AP44/659	0.11
31	34-85	Terri Lynn Whitehill	AP44/659	0.11
32	34-84	Terri Lynn Whitehill	AP44/659	0.27
33	34-78	Terri Lynn Whitehill	AP44/659	0.19
34	34-77	Terri Lynn Whitehill	AP44/659	0.11
35	34-76	Terri Lynn Whitehill	AP44/659	0.11
36	34-75	Terri Lynn Whitehill	AP44/659	0.11
37	34-74	Terri Lynn Whitehill	AP44/659	0.11
38	34-73	Terri Lynn Whitehill	AP44/659	0.22
39	34-72	Terri Lynn Whitehill	AP44/659	0.23
40	34-6	Webb & Son, LLC	423/335	0.25
41	34-63	Terri Lynn Whitehill	AP44/659	0.30
42	34-54	Terri Lynn Whitehill	AP44/659	0.12
43	34-53.1	Cheryl L. Brunner	AP38/201	0.24
44	34-5	Terri Lynn Whitehill	AP44/659	0.07
45	34-64	Terri Lynn Whitehill	AP44/659	0.08
46	34-53	Terri Lynn Whitehill	AP44/659	0.10
47	34-65	Terri Lynn Whitehill	AP44/659	0.10
48	34-66	Terri Lynn Whitehill	AP44/659	0.10
49	34-52	Terri Lynn Whitehill	AP44/659	0.20
50	34-67	Terri Lynn Whitehill	AP44/659	0.10
51	34-68	Terri Lynn Whitehill	AP44/659	0.10
52	34-69	Terri Lynn Whitehill	AP44/659	0.10
53	34-98	Rossie & Eva Lowery	272/321	15.82
54	34-83	Terri Lynn Whitehill	AP44/659	0.20
55	34-70	Terri Lynn Whitehill	AP44/659	0.16
56	34-39	Roy F. Ruppert	122/141	0.17
57	34-8	Terri Lynn Whitehill	AP44/659	1.40
58	34-13	W. Va. D.O.H.	---	0.36
59	34-14	Terri Lynn Whitehill	AP44/659	0.03
60	34-24	Terri Lynn Whitehill	AP44/659	0.07
61	12-103	Barnes Siblings Property LLC	471/545	43.11
62	12-101	WV Railroad Maintenance Authority	216/166	11.30
63	11-26	Karen M. Ireland Family L.P.	235/3	11.80
64	11-25	J. Charles & George J. Buff III, et al	377/517	6.02
65	11-25.1	J. Charles & George J. Buff III, et al	377/517	16.72
66	12-50	Key Oil Co, et al	252/558	76.98
67	12-63	Karen M. Ireland Family L.P.	235/3	31.50
68	12-71.1	Franklin L. Buller & Key Oil Co.	256/324	81.91

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DISTRICT: West Union Antero COUNTY: Doddridge 03/17/2023

SURFACE OWNER: Midstream, LLC Wanda Longacre, et al; WV DOT, Division of Highway; ACREAGE: 45.8 45.8; 180; 50; 44; 38; 301.19; 92;

ROYALTY OWNER: William A. Farr; James Lincoln Smith; Jennie Mae Sponaugle, et al; LEASE NO: ACREAGE: 10.9; 115

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