

Antero Resources Corporation
Well No. Garrison Unit 1H
As-Drilled

Page 1 of 2

9,168' to Top Hole

1,822' to Bottom Hole
LATITUDE 39 - 27 - 30

BTM LONGITUDE 81 - 00 - 00
TOP LONGITUDE 80 - 57 - 30
1,302' to Bottom Hole



Garrison Unit 1H As-Drilled
POE Coordinates
West Virginia
Coordinate System
of 1927, North Zone
N: 338,048.51'
E: 1,579,205.76'
Latitude: 39°25'06.83"
Longitude: 80°59'22.25"
UTM Zone 17, NAD 1983
N: 4,363,235.492m
E: 500,917.047m

Legend

- Proposed gas well
- Well Reference, as noted
- Monument, as noted
- Existing Well, as noted
- Existing Plugged Well, as noted
- Existing Abandon Well, as noted
- Digitized Well, as noted
- Existing Road
- Surface boundary (approx.)
- Interior surface tracts (approx.)

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.

Notes:

West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Garrison Unit 1H Top Hole coordinates are
N: 337,909.80' Latitude: 39°25'05.40"
E: 1,578,844.91' Longitude: 80°59'26.82"
Bottom Hole coordinates are
N: 351,309.78' Latitude: 39°27'17.13"
E: 1,574,642.64' Longitude: 81°00'23.23"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,363,191.395m N: 4,367,252.338m
E: 500,807.819m E: 499,459.423m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.



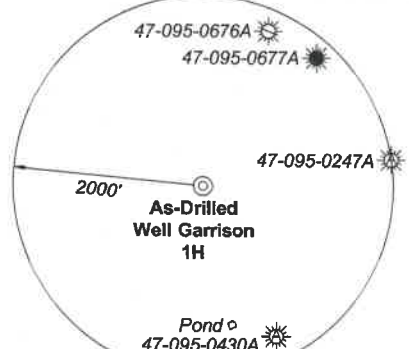
SEAL

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

14,630' to Top Hole

GRID NORTH



Note: 1 pond and 0 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.

Tag	Bearing	Dist.
L1	S 85°33' E	426.4'
L2	S 26°57' E	2,243.0'
L3	N 47°40' W	2,525.5'
L4	N 02°36' W	2,165.0'

FILE NO: 54-54-M-17
DRAWING NO: Garrison Unit 1H As-Drilled
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: October 4 20 21
OPERATOR'S WELL NO. Garrison Unit 1H
API WELL NO
47 - 095 - 02709
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
As-Built
LOCATION: ELEVATION: 1045' WATERSHED: Outlet Middle Island Creek Top: Middlebourne
DISTRICT: Union / Meade QUADRANGLE: Btm: Bens Run
SURFACE OWNER: Elizabeth Gorrell Dale V. Hadley; Wilma Jane Benefield; Kenneth & Lora G. Thomas; WVDNR; John M. Garrison; BRC Appalachian Minerals I LLC (2); Jimmy B. Bailey; Elizabeth Gorrell, et al; Craig E. Smith; LEASE NO: COUNTY: Tyler 100.93125; 20.41; 2347.172.68125; ACREAGE: 242.50 1231.60274 35.13; 16; 64.36; 81; 145; 168.5625;
ROYALTY OWNER: J&N Management Enterprises, LLC; Julie Summers (2); Ronald Aston
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: 20,509' MD 6,174' TVD

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



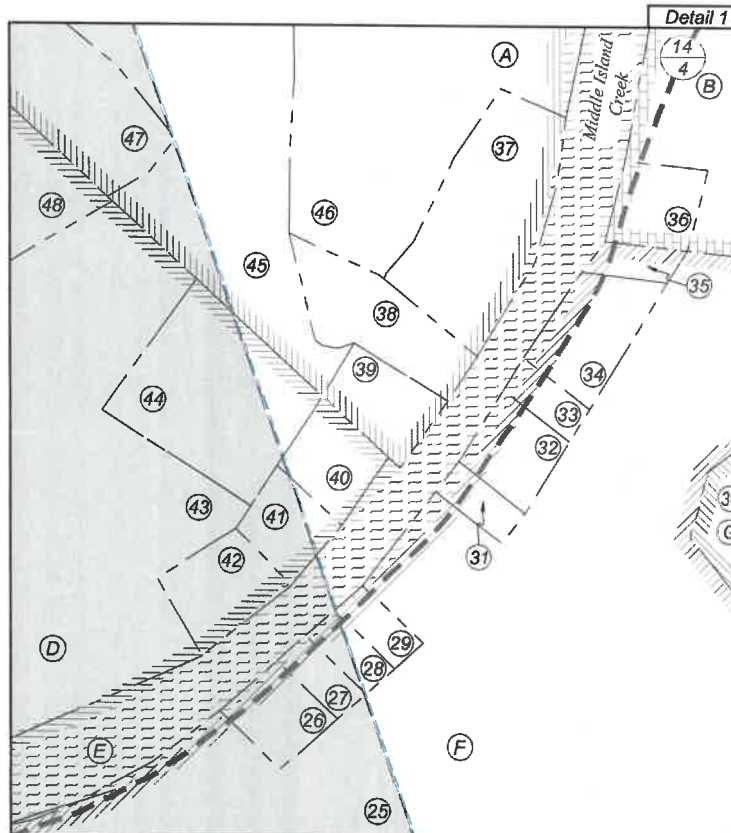
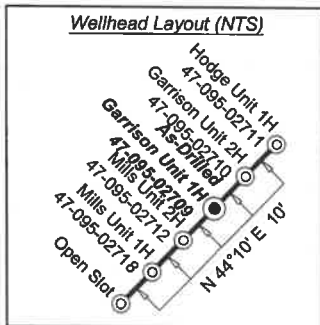
Tyler County - Meade District

No.	TM / Par	Owner	Bk / Pg	Ac.
1	7 / 15	Elizabeth Gorrell	321 / 360	242.50
2	7 / 16	Seven Spirits Farms, LLC	381 / 67	175.11
3	7 / 14	Russell G. & Ruth M. Smith Family Trust	541 / 608	50.00
4	7 / 10	Michael R. & Linda Fritzsimmmons	336 / 764	161.63
5	7 / 5	Coastal Forest Resources Co.	301 / 131	74.30
6	7 / 6	Joseph K. Turbish	390 / 22	75.00
7	4 / 30	Tony E. & Ellen L. Wince	246 / 25	97.15
8	7 / 5.1	Tony E. & Ellen L. Wince	246 / 25	5.70
9	4 / 27	Stanley M. & Shelba J. Shultz	202 / 438	271.29
10	4 / 29	Michael A. Domino	378 / 751	42.73
11	4 / 22	Lori C. & Ernest P. Herbold Jr., et al	343 / 714	63.60
12	4 / 23	Stanley N. Shelba J. Shultz, et al	335 / 958	41.27
13	4 / 23.3	William R. & Ruth R. Erlewine	433 / 585	17.00
14	4 / 11	Lori C. & Ernest P. Herbold Jr., et al	343 / 714	25.08
15	4 / 12	Gerold W. & Fay L. Bailey, Trustees of the Bailey Revocable Living Trust	374 / 647	47.00
16	4 / 13	Gerold W. & Fay L. Bailey, Trustees of the Bailey Revocable Living Trust	374 / 647	17.00
17	4 / 14	Roger L. H. & Dawn E. Billiter	290 / 155	26.03
18	4 / 3.4	Roger L. H. & Dawn E. Billiter	369 / 541	13.50
19	4 / 3.1	Roger L. H. & Dawn E. Billiter	354 / 118	7.54
20	4 / 3.2	Roger L. H. & Dawn E. Billiter	334 / 310	1.87

Tyler County - Union District

No.	TM / Par	Owner	Bk / Pg	Ac.
21	15 / 27	Jay L. & Carla Summers	429 / 201	35.13
22	15 / 14	Jay L. & Carla Summers, et al	W24 / 47	16.00
23	15 / 10	Craig E. Smith	335 / 275	16.00
24	15 / 38	Roger L. H. & Dawn E. Billiter	340 / 643	21.00
25	15 / 4	Stephen P. Racer	301 / 595	60.00
26	13 / 61	David W. & Sandra J. Myers	203 / 462	1.00
27	13 / 62	Thomas R. Minks	314 / 574	0.50
28	13 / 60	George W. & Marjorie Meeks	311 / 383	0.50
29	13 / 59	George W. & Marjorie Meeks	311 / 383	0.50
30	13 / 76	Robert Lawson	359 / 392	17.50
31	13 / 78	William C. Murphy	133 / 74	0.50
32	13 / 58	Charles S. Sapp	366 / 484	1.10
33	13 / 77	Olga E. Hawkins	205 / 705	0.50
34	13 / 57	Charles S. Sapp	366 / 484	1.50
35	13 / 56	Charles S. Sapp	366 / 484	0.50
36	13 / 55.1	Charles S. Sapp	271 / 309	1.00
37	13 / 74.12	Donald B. & Barbara S. Stokes	387 / 61	4.02
38	13 / 74.9	Donald B. & Barbara S. Stokes	385 / 18	2.06
39	13 / 74.10	Mary C. Stewart	362 / 63	1.20
40	13 / 63	George W. & Marjorie Meeks	311 / 383	1.00
41	13 / 65	Diana L. & George W. Meeks, Jr.	363 / 292	1.00
42	13 / 66	George W. & Marjorie Meeks	311 / 383	1.00
43	13 / 69	The Wilham Cabin Trust	568 / 172	28.50
44	13 / 64	George W. & Marjorie Meeks	311 / 383	4.00
45	13 / 74.5	Mary C. Stewart	362 / 63	30.58
46	13 / 74.2	Roger L. & Sara L. Hall	358 / 110	22.48
47	13 / 74.4	Jerry M. & Anna A. Cooper	358 / 102	5.35
48	13 / 73	Jerry M. & Anna A. Cooper	343 / 778	39.00
49	13 / 40	Jerry M. & Anna A. Cooper	352 / 148	6.60
50	13 / 74.3	Bobbin E. Pardine	358 / 115	22.88
51	13 / 74.1	Roger L. & Sara L. Hall	358 / 106	1.36
52	13 / 74	Mary C. Stewart	362 / 63	3.21

ID	Lease
A	J&N Management Enterprises, LLC
B	Geraldine Moses
C	Jerry M. & Anna A. Cooper
D	Kenneth & Lora G. Thomas
E	WVDNR
F	BRC Appalachian Minerals I, LLC
G	I.L. Morris
H	Ridgewood Development, LLC
I	Roger L. & Dawn E. Billiter
J	Ridgewood Development, LLC
K	Craig E. Smith
L	Julie Summers
M	Julie Summers
N	Roger L. & Dawn E. Billiter
O	Jimmy B. Bailey
P	RMH Trust
Q	Jimmy B. Bailey
R	The Thelma E. Hadley Testamentary Trust, Judy L. Mellor, as Trustee
S	Dale V. Hadley
T	BRC Appalachian Minerals I, LLC
U	John M. Garrison
V	Ronald Aston
W	Michael A. Domino
X	Tony E. & Ellen L. Wince
Y	BRC Appalachian Minerals I, LLC
Z	Tony E. & Ellen L. Wince
AA	Wilma Jane Benefield
AB	Rita G. Jarvis
AC	Kerr-McGee Oil & Gas Onshore LP
AD	Janet Sue Baker
AE	Elizabeth Gorrell, et al
AF	Mary E. Clymer



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