

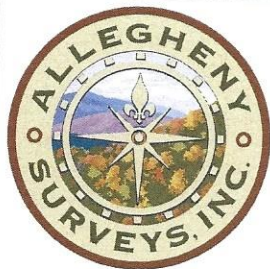
10,495' to Bottom Hole

4,485' to Top Hole
TOP HOLE LATITUDE 39 - 30 - 00
BTM HOLE LATITUDE 39 - 32 - 30

5,668' to Bottom Hole
5,464' to Top Hole
03 - 47 - 08 EDUIGNON1

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

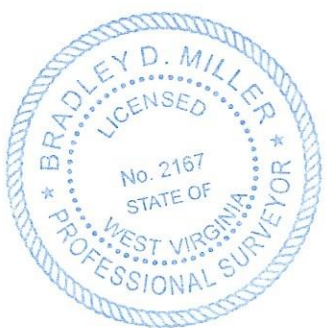
PAGE 1 of 2



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.

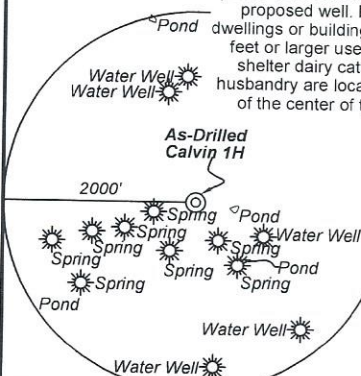
I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

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



SEAL

Note: 5 water wells 8 springs and 4 ponds 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.

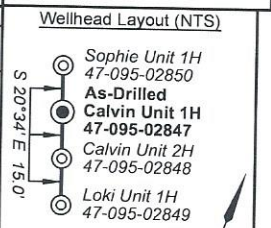


Legend

- 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.)
- District Line

Notes
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Calvin Unit 1H Top Hole coordinates are
N: 362,170.88" Latitude: 39°29'06.00"
E: 1,583,922.57" Longitude: 80°58'27.20"
Bottom Hole coordinates are
N: 377,240.53" Latitude: 39°31'33.98"
E: 1,578,156.60" Longitude: 80°59'43.93"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,370,608.488m N: 4,375,170.164m
E: 502,231.317m E: 500,398.106m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

Calvin 1H As-Drilled POE Coordinates
West Virginia Coordinate System of 1927, North Zone
N: 361,958.93"
E: 1,583,230.56"
Latitude: 39°29'03.79"
Longitude: 80°58'35.98"
UTM Zone 17, NAD 1983
N: 4,370,540.390m
E: 502,021.573m



	Bearing	Dist.
L1	S 75°18' W	1,732.5'
L2	N 80°43' W	1,412.1'
L3	N 09°07' W	1,587.8'
L4	N 71°55' E	2,150.5'

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Office of Oil and Gas
FEB 02 2024
WV Department of Environmental Protection

FILE NO: 258-54-U-22
DRAWING NO: Calvin Unit 1H As-Drilled
SCALE: 1" = 2000'
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: January 17 20 24
OPERATOR'S WELL NO. Calvin 1H
API WELL NO
47 - 095 - 02847
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built 883' WATERSHED: Outlet Middle Island Creek QUADRANGLE: BH: Paden City 41.95;
DISTRICT: Union/Lincoln COUNTY: Tyler 60.38; 57.23; 250.5; 339.71; 82.23; 60.82

SURFACE OWNER: Antero Resources Corp. SHANNON H. McCULLOUGH; DONALD A. QUINIF, ET UX; DONALD H. BINEGAR, JR., ET UX; DAVID L. STEWART; WARREN T. STEWART; RIDGETOP APPALACHIA, LLC; RUSSELL L. BELL; WVDNR; STEVEN D. ZECHMAN & LINDA M. JENSEN; HAUGHT FAMILY TRUST; COUNTY: Tyler 60.38 57.23; 250.5; 339.71; 82.23; 60.82
ROYALTY OWNER: Berna J. Hammel; J&N Management Enterprises, LLC; Sally & Mitchell Dunn; Mary Faye Grove; LEASE NO: ACREAGE: 59.9375; 64.85

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: 22,447' MD 5,955' TVD

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



ID	TM-Par	Owner	Bk/Pg	Acres
1	10-4.1	Antero Resources Corporation	OR12/739	60.38
2	9-9.1	Jennifer K. & Diane M. Thomas	AR46/754	40.00
3	10-4	Kevin L. & Tammy J. Thomas	OR7/290	32.22
4	9-16	Billy D. & Roma L. Hart	154/569	20.00
5	10-5.3	Richard Daniel Bowen	344/814	25.92
6	9-4	Steven D. Zechman & Linda M. Jensen	348/422	250.00
7	6-3	Eldon J. & Ruth A. Helman	383/761	72.80
8	5-16	Charity Gas Inc.	358/516	393.00
9	5-15.3	David L. Stewart	WB39/431	38.00
10	5-15	Warren T. Stewart	WB39/431	25.00
11	5-15.2	Warren T. Stewart	501/702	40.00
12	5-5	Antero Resources Corp.	598/600	173.00
13	5-25	Clyde C. & Helen S. Dowler	168/90	27.00
14	5-6	Russell L. Bell	335/942	8.00
15	5-6.1	Russell L. Bell	335/940	18.00
16	11-12	Patrick & Kevin Hill, et al	584/619	59.95
17	11-13	Donald & Arielle Beaumier	OR166/365	25.50
18	11-47	John M. & Kara L. Garrett	656/399	82.39
19	11-21.3	Bryan Steven & Vanessa Nicole Owens	OR97/316	9.93
20	11-19.2	Jereld A. & Holly J. Cunningham	294/161	6.08
21	11-21.1	Bryan Steven & Vanessa Nicole Owens	OR97/316	23.47
22	11-21	Carol Kucharski	OR61/423	23.47
23	11-46.1	Arthur W. & Tonya S. Peck	342/94	10.30
24	11-21.2	The John Porfeli Living Trust	513/812	13.54

Leases	
A	Berna J. Hammel
B	Mary Faye Grove
C	Sally & Mitchell Dunn
D	Roma Hart
E	J&N Management Enterprises, LLC
F	WVDNR
G	Steven D. Zechman & Linda M. Jensen
H	Jay Edward Smith
I	Haught Family Trust
J	David L. Stewart
K	Warren T. Stewart
L	Norma L. Smith
M	Ridgetop Appalachia, LLC
N	Donald H. Binegar, Jr., et ux
O	Ridgetop Royalties, LLC
P	Russell L. Bell
Q	Shannon H. McCullough
R	Colleen Marie Anderson
S	Donald A. Quinif, et ux

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