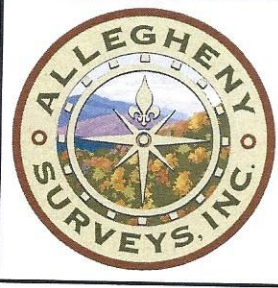


**Antero Resources**  
**Well No. Loki 1H**  
**As-Drilled**  
 Antero Resources Corporation

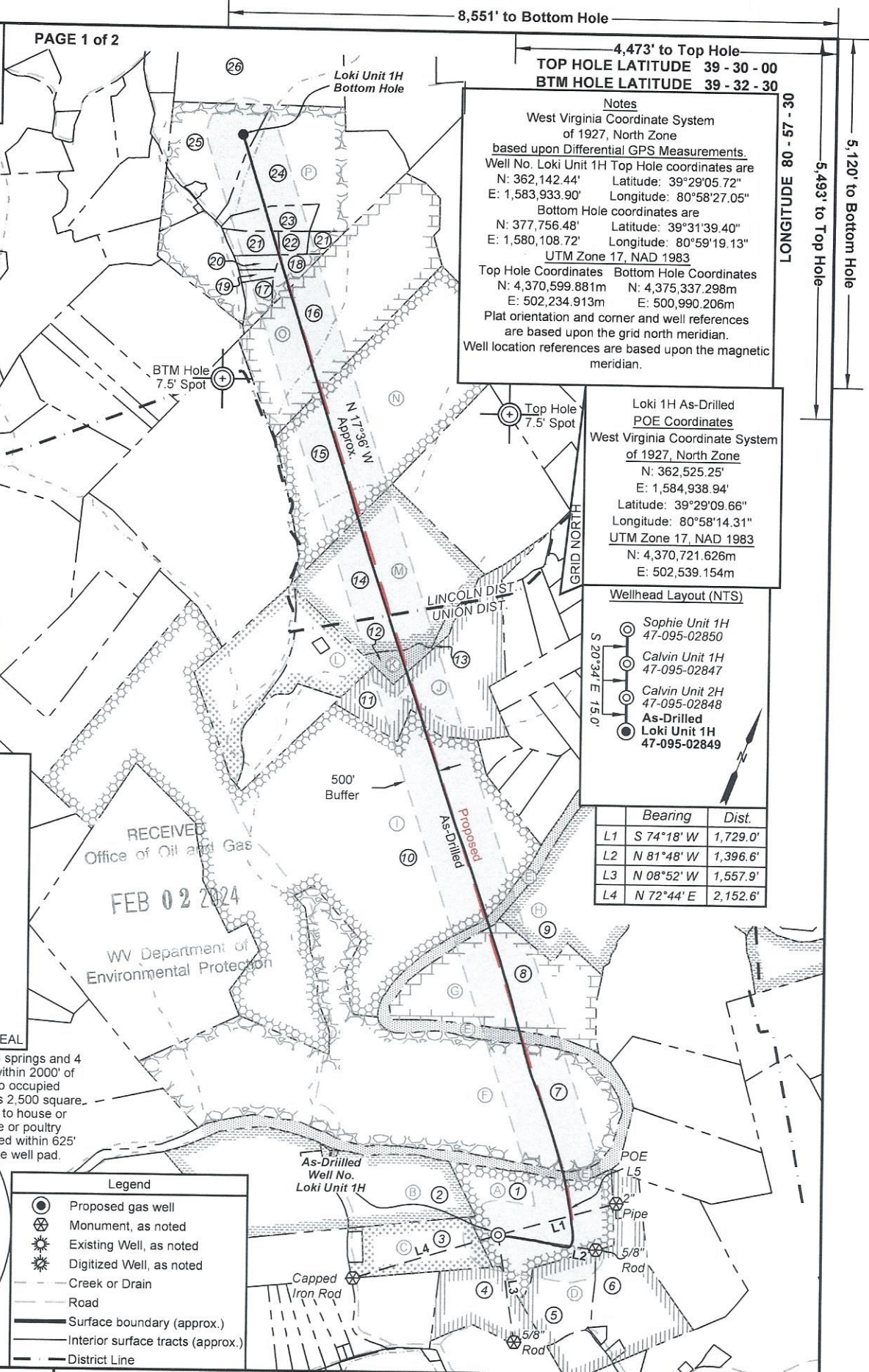
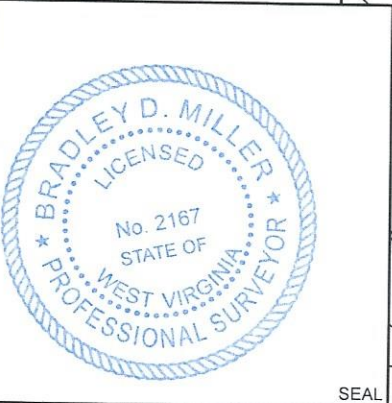
PAGE 1 of 2



Top Hole Coordinates, As-drilled data, and information was provided by Antero Resources Corporation. Allegheeny 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.

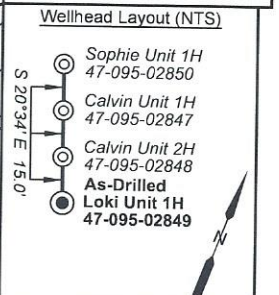
I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

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



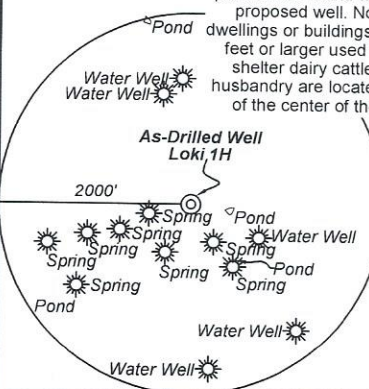
**Notes**  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Well No. Loki Unit 1H Top Hole coordinates are  
 N: 362,142.44' Latitude: 39°29'05.72"  
 E: 1,583,933.90' Longitude: 80°58'27.05"  
 Bottom Hole coordinates are  
 N: 377,756.48' Latitude: 39°31'39.40"  
 E: 1,580,108.72' Longitude: 80°59'19.13"  
 UTM Zone 17, NAD 1983  
 Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,370,599.881m N: 4,375,337.298m  
 E: 502,234.913m E: 500,990.206m  
 Plat orientation and corner and well references are based upon the grid north meridian.  
 Well location references are based upon the magnetic meridian.

**Loki 1H As-Drilled POE Coordinates**  
 West Virginia Coordinate System of 1927, North Zone  
 N: 362,525.25'  
 E: 1,584,938.94'  
 Latitude: 39°29'09.66"  
 Longitude: 80°58'14.31"  
 UTM Zone 17, NAD 1983  
 N: 4,370,721.626m  
 E: 502,539.154m



	Bearing	Dist.
L1	S 74°18' W	1,729.0'
L2	N 81°48' W	1,396.6'
L3	N 08°52' W	1,557.9'
L4	N 72°44' E	2,152.6'

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

FILE NO: 259-54-U-22  
 DRAWING NO: Loki 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. Loki 1H  
 API WELL NO  
 47 - 095 - 02849  
 STATE COUNTY PERMIT

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

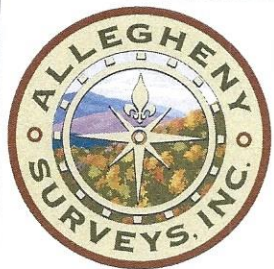
LOCATION: ELEVATION: As-Built 883' WATERSHED: Outlet Middle Island Creek QUADRANGLE: BH: Paden City TH: Middlebourne  
 DISTRICT: Union/Lincoln COUNTY: Tyler

SURFACE OWNER: Antero Resources Corp. Colleen Marie Anderson, Warren V. Bowen, Linda Pryor Henriksen, et vir, Margaret Conaway-Torok, Haught Family Trust, Greenbrier Royalty Fund III, LLC, Julia Marie May, ACREAGE: 60.38  
 ROYALTY OWNER: Berna J. Hammel, WVDNR, Steven D. Zechman & Linda M. Jensen, Jay Edward Smith, LEASE NO: ACREAGE: 5,984' TVD

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: 22,403' 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

06/21/2024



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	10-5.3	Richard Daniel Bowen	344/814	25.92
5	10-5.5	Bowen Family Irrevocable Trust	372/303	22.89
6	10-5	Timothy Brian Bowen, et al	652/440	48.36
7	9-4	Steven D. Zechman & Linda M. Jensen	348/422	250.00
8	6-3	Eldon J. & Ruth A. Helman	383/761	72.80
9	6-1	Eldon J. & Ruth A. Helman	383/761	169.00
10	5-16	Charity Gas Inc.	358/516	393.00
11	6-4	Darren E. Thacker	616/762	67.00
12	6-5.2	Julia Fetty Carolus	323/585	5.50
13	6-5.3	Julia Fetty Carolus	323/587	2.50
14	5-26	Paul R. Fetty	288/126	82.22
15	14-1	Edward E. & Connie Howell	361/829	158.74
16	11-11	Thomas E. Bowen	374/636	119.75
17	11-14	Calvin Lee & Irene M. Stewart	251/635	4.99
18	11-15	Thomas E. Bowen	374/636	6.00
19	11-14.2	Gerald Eugene & Sonya Stewart	374/843	1.75
20	11-14.1	Gerald Eugene Stewart	279/572	3.00
21	11-16	John Mark Campbell	326/365	8.85
22	11-16.1	John Lincoln & Autumn Rose Campbell	OR 43/11	3.09
23	11-17	Thomas E. Neff	341/213	10.00
24	11-18	William L. & Lynn A. Hinkle	366/387	72.50
25	11-19.1	Sheila & Rex Ervin	409/542	34.55
26	11-24	Ryan Chambers & Nancy Marie Chaplin	348/763	77.00

Leases	
A	Berna J. Hammel
B	Mary Faye Grove
C	Sally & Mitchell Dunn
D	J&N Management Enterprises, LLC
E	WVDNR
F	Steven D. Zechman & Linda M. Jensen
G	Jay Edward Smith
H	Norma R. Spencer
I	Haught Family Trust
J	Greenbrier Royalty Fund III, LLC
K	Julia Marie May
L	Warren T Stewart
M	Linda Pryor Henriksen, et vir
N	Margaret Conaway-Torok
O	Warren V. Bowen
P	Colleen Marie Anderson

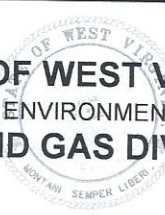
RECEIVED  
 Office of Oil and Gas

FEB 02 2024

WV Department of  
 Environmental Protection

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Colleen Marie Anderson; Warren V. Bowen; Linda Pryor Henriksen, et vir; Margaret Conaway-Torok; Haught Family Trust; Greenbrier Royalty Fund III, LLC; Julia Marie May; 339.71; 156.786; 65.462; 8.0; 83.61; 158.79175; 119.75

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