

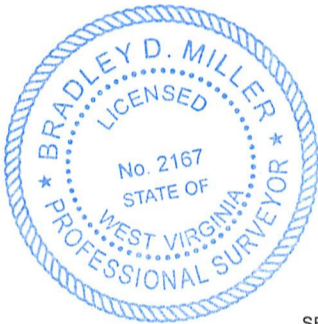
Antero Resources
Well No. Leap 2H
As-Drilled
 Antero Resources Corporation



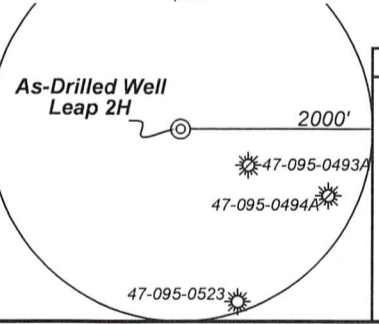
Top Hole Coordinates, As-drilled data, and information was provided by Antero Resources Corporation. Allegheny Surveys Inc. (ASI) is not certifying the data and information provided. ASI is not responsible for any errors or inaccuracies with the data and information that has been provided.

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

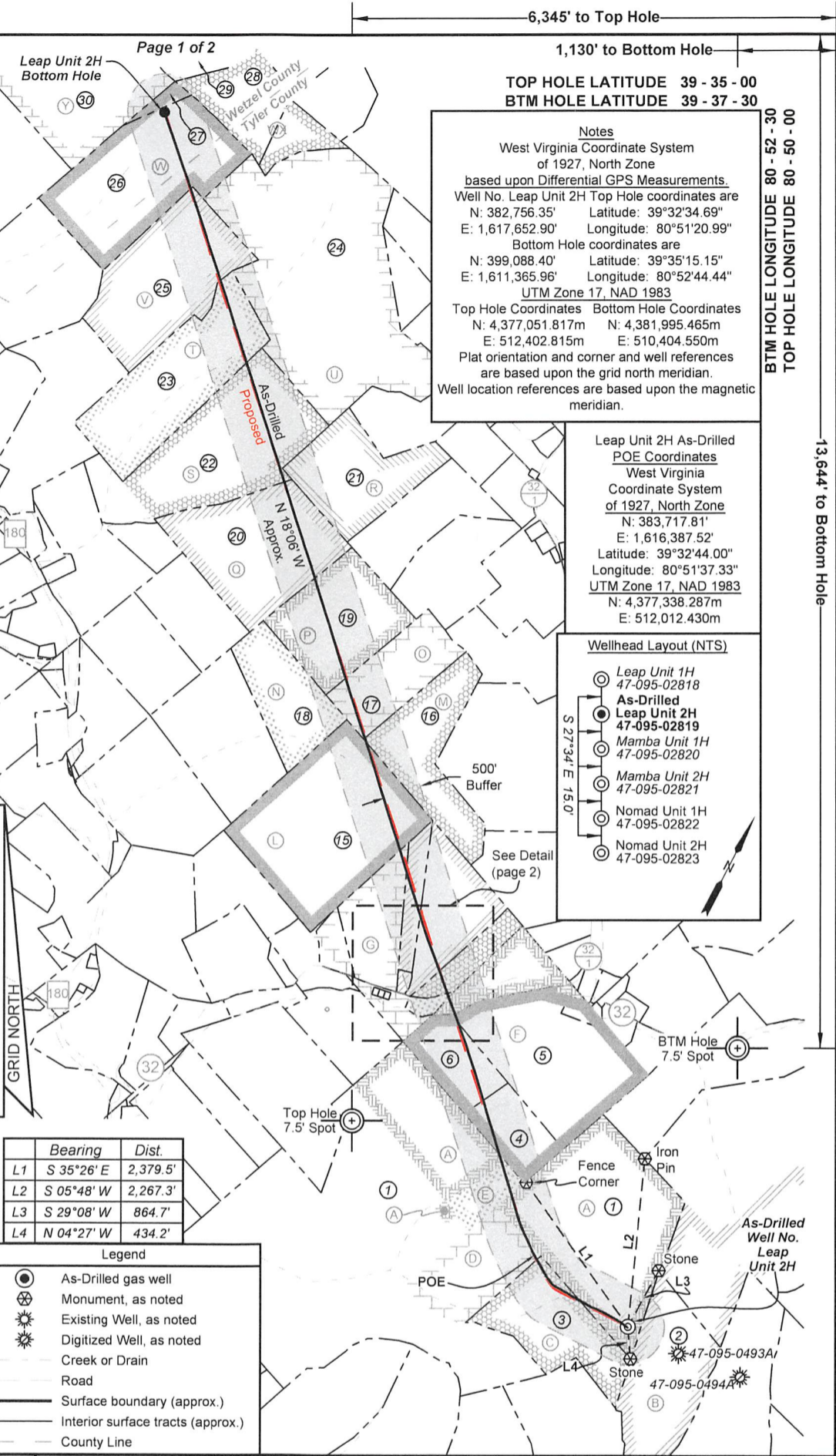


Note: 0 water wells or springs were found within 2000' of proposed well. No occupied dwellings or buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad.



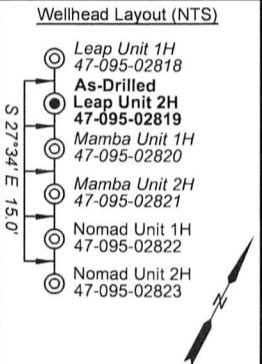
	Bearing	Dist.
L1	S 35°26' E	2,379.5'
L2	S 05°48' W	2,267.3'
L3	S 29°08' W	864.7'
L4	N 04°27' W	434.2'

- Legend**
- As-Drilled gas well
 - Monument, as noted
 - Existing Well, as noted
 - Digitized Well, as noted
 - Creek or Drain
 - Road
 - Surface boundary (approx.)
 - Interior surface tracts (approx.)
 - County Line



Notes
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
 Well No. Leap Unit 2H Top Hole coordinates are
 N: 382,756.35' Latitude: 39°32'34.69"
 E: 1,617,652.90' Longitude: 80°51'20.99"
 Bottom Hole coordinates are
 N: 399,088.40' Latitude: 39°35'15.15"
 E: 1,611,365.96' Longitude: 80°52'44.44"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,377,051.817m N: 4,381,995.465m
 E: 512,402.815m E: 510,404.550m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.

Leap Unit 2H As-Drilled POE Coordinates
 West Virginia Coordinate System of 1927, North Zone
 N: 383,717.81'
 E: 1,616,387.52'
 Latitude: 39°32'44.00"
 Longitude: 80°51'37.33"
 UTM Zone 17, NAD 1983
 N: 4,377,338.287m
 E: 512,012.430m



FILE NO: 77-54-E-22
 DRAWING NO: Leap Unit 2H 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: July 28 2023
 OPERATOR'S WELL NO. Leap Unit 2H
 API WELL NO
47 - 095 - 02819
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built: 1,193' WATERSHED: Outlet Middle Island Creek QUADRANGLE: TH:Porter Falls 82.06250; BH:Paden City 67.63125; 38.80.78.50.59
 DISTRICT: Ellsworth/Magnolia COUNTY: Tyler/Wetzel ACREAGE: 417.6
 SURFACE OWNER: Dennis & Clista Heintzman ROYALTY OWNER: BRC Appalachian Minerals I, LLC; Dennis R. & Clista A. Heintzman; Jeffrey Seckman LEASE NO: _____ ACREAGE: 10; 45; 66.5; 2.66; 28.8375; 67; 9.1875; 40; 30.9625; 100
 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: 23,140' MD

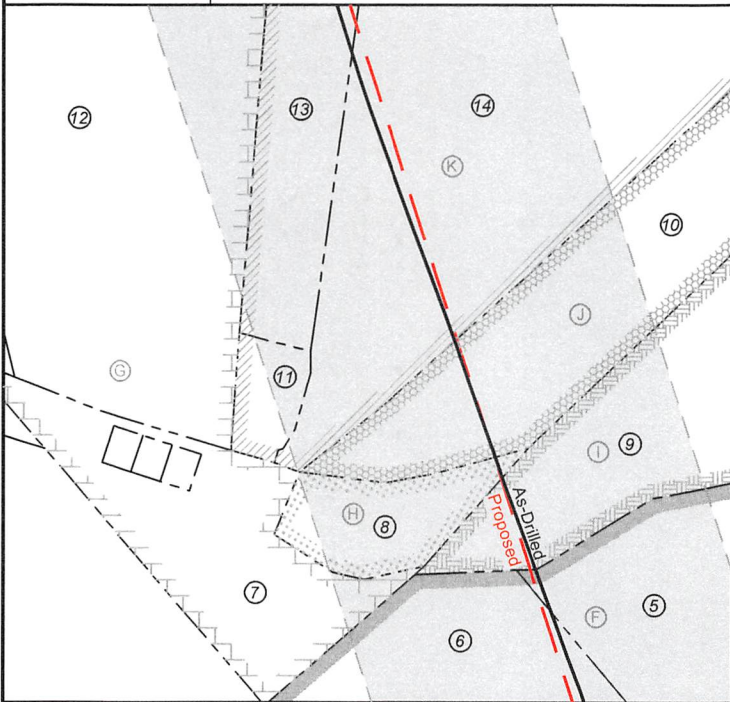
WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Kevin Ellis
 ADDRESS: 1615 Wynkoop Street ADDRESS: 535 White Oaks Blvd.
Denver, CO 80202 Bridgeport WV, 26330

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Leases	
A	BRC Appalachian Minerals I, LLC
B	Rose Enterprises, LLC
C	Dennis R. & Clista A. Heintzman
D	Larry R. & Kim M. Henthorn
E	Waco Oil & Gas Co. Inc.
F	Judy P. Meyers
G	Larry F. Hughes
H	Michael L. West, et ux
I	Jeffrey Seckman
J	Linda J. & Jack E. Mason
K	Paula Sue Porfeli
L	Gary A. Midcap, et ux
M	Gary A. Midcap, et ux
N	Ruth E. VanCamp Estate
O	Gary A. Midcap, et ux
P	Sara Ann Midcap
Q	Will E. Morris Heirs Trust
R	William G. Baker
S	Gary A. Midcap, et ux
T	Lowmax R. Kunkel
U	Beverly Kay Campbell
V	Joel Potts III
W	Robert D. Wetzel
X	Michael Stillwagner
Y	Bounty Minerals, LLC

Detail 1 (NTS)



ID	TM/Par	Owner	Bk/Pg	Acres
1	6-36	Dennis & Clista Heintzman	297/640	417.60
2	10-4	Stefan L. & Alberta B. Smolski	356/467	56.08
3	6-49	Dennis & Clista A. Heintzman	297/637	45.00
4	6-26.1	-	52/185	18.00
5	6-27	Ronnie L. VanCamp, et al	568/32	69.88
6	6-26	Ronnie L. VanCamp, et al	670/641	23.00
7	6-17.3	Tracy Postlewait	354/74	3.00
8	6-17.2	Michael L. & Donna S. West	243/175	2.66
9	6-47	Jeffrey Seckman	545/70	19.00
10	6-19	Linda J. & Jack E. Mason	OR 101/678	10.00
11	6-18.1	Maxine M. Ankrom	362/75	1.16
12	6-17.1	Larry Henthorn	560/660	25.00
13	6-18.2	Kirk Family Trust	511/169	11.00
14	6-18	Kirk Family Trust	511/171	39.00
15	6-6	Gary A. & Penny K. Midcap	301/265	100.00
16	6-7	Gary A. & Penny K. Midcap	301/265	30.90
17	3-26.1	Gary A. & Penny K. Midcap	301/265	40.00
18	3-32	Gary A. & Penny K. Midcap	301/265	38.09
19	3-26	Gary A. Midcap	318/496	50.00
20	3-24	Gary A. & Penny K. Midcap	301/265	66.50
21	3-25	Gary A. & Penny K. Midcap	301/265	42.47
22	3-18	Gary A. Midcap	322/108	80.33
23	3-13	Lomax R. Kunkel (L/E)	297/692	63.50
24	3-9	Steven D. & Brenda M. Higgins	313/623	163.34
25	3-8	Steven D. & Brenda M. Higgins	313/623	67.00
26	16-67	Robert D. Wetzel	404/372	82.06
27	16-61.1	Robert D. Wetzel	184/351	3.00
28	16-64	Richard Todd Kay	420/650	29.00
29	16-63	Richard E. Kay, et al	395/329	19.00
30	16-61	Kenneth W. & Norma A. Headley	355/347	41.75

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