

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



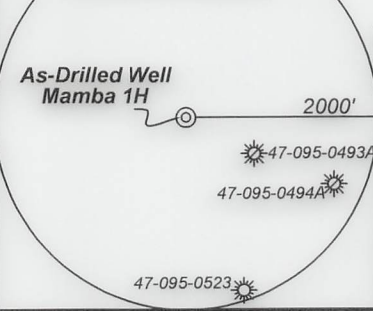
I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

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



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.

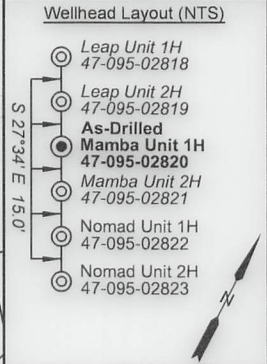
Note: 0 water wells or springs were found within 2000' of proposed well. No occupied dwellings or buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad.



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

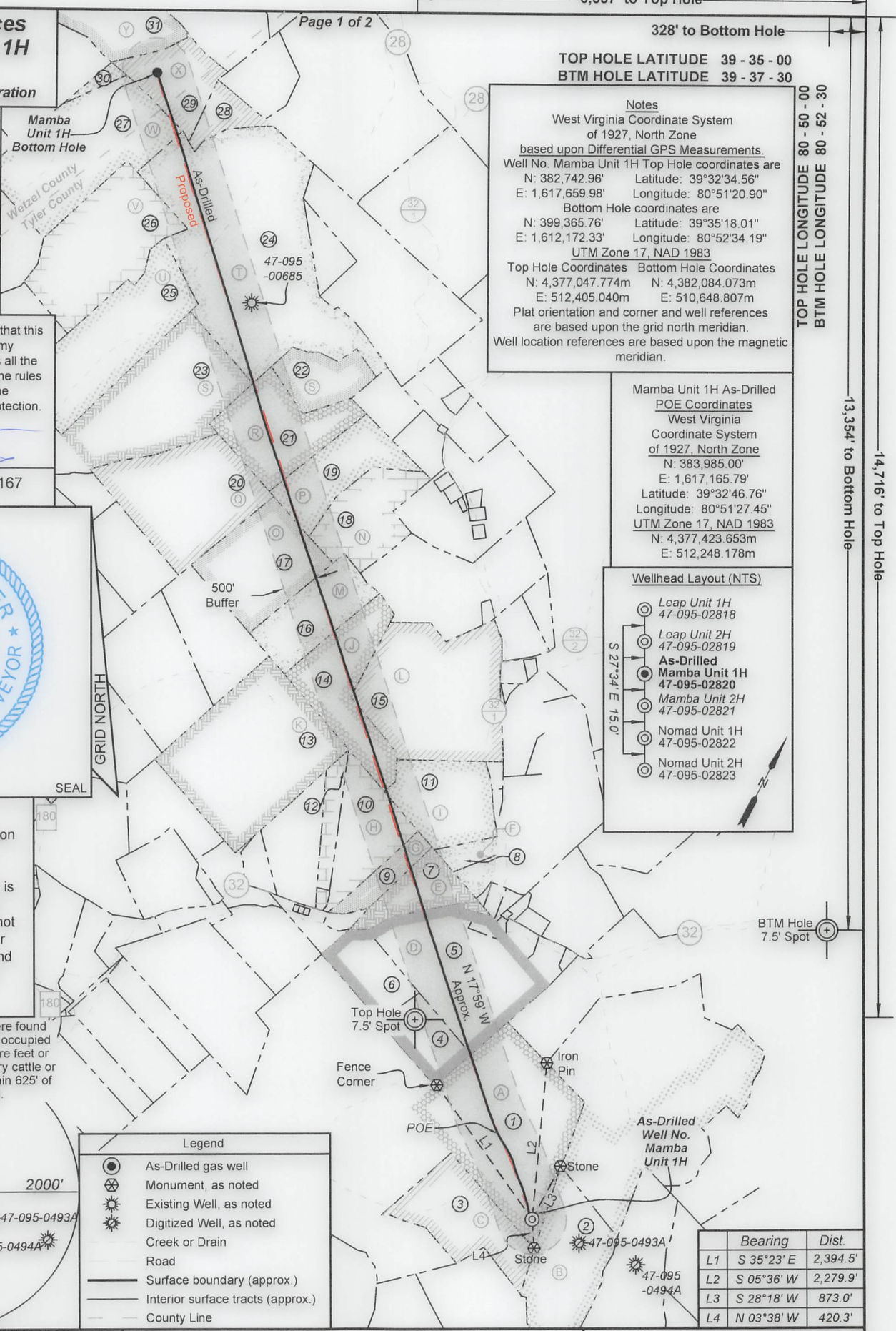
Notes
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
 Well No. Mamba Unit 1H Top Hole coordinates are
 N: 382,742.96' Latitude: 39°32'34.56"
 E: 1,617,659.98' Longitude: 80°51'20.90"
 Bottom Hole coordinates are
 N: 399,365.76' Latitude: 39°35'18.01"
 E: 1,612,172.33' Longitude: 80°52'34.19"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,377,047.774m N: 4,382,084.073m
 E: 512,405.040m E: 510,648.807m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.

Mamba Unit 1H As-Drilled POE Coordinates
 West Virginia Coordinate System of 1927, North Zone
 N: 383,985.00'
 E: 1,617,165.79'
 Latitude: 39°32'46.76"
 Longitude: 80°51'27.45"
 UTM Zone 17, NAD 1983
 N: 4,377,423.653m
 E: 512,248.178m



TOP HOLE LATITUDE 39 - 35 - 00
 BTM HOLE LATITUDE 39 - 37 - 30
 TOP HOLE LONGITUDE 80 - 50 - 00
 BTM HOLE LONGITUDE 80 - 52 - 30

13,354' to Bottom Hole
 14,716' to Top Hole



FILE NO: 99-54-E-19
 DRAWING NO: Mamba 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: July 28 2023
 OPERATOR'S WELL NO. Mamba Unit 1H
 API WELL NO
 47 - 095 - 02820
 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 20; 82.06; BH:Paden City 42 46875;
 DISTRICT: Ellsworth/Magnolia COUNTY: Tyler/Wetzel 67; 133.4; 70;
 SURFACE OWNER: Dennis & Clista Heintzman ACREAGE: 417.6 51.162; 30.9625;
 ROYALTY OWNER: BRC Appalachian Minerals I, LLC; Judy P. Meyers; Linda J. & Jack E. Mason; LEASE NO: ACREAGE: 44; 164.28125;
 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: 6,600' TVD 23,177' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Kevin Ellis
 ADDRESS: 1615 Wynkoop Street ADDRESS: 535 White Oaks Blvd.
 Denver, CO 80202 Charleston, WV 25313



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	6-47	Jeffrey Seckman	545/70	18.99
8	6-20.1	Jeffrey Seckman	545/70	2.52
9	6-19	Linda J. & Jack E. Mason	OR 101/678	10.00
10	6-18	Kirk Family Trust	511/171	39.00
11	6-20	Jeffrey Seckman	545/70	36.15
12	6-18.2	Kirk Family Trust	511/169	11.00
13	6-6	Gary A. & Penny K. Midcap	301/265	100.00
14	6-7	Gary A. & Penny K. Midcap	301/265	30.90
15	6-8	Matthew T. Ebert	361/219	98.50
16	3-26.1	Gary A. & Penny K. Midcap	301/265	40.00
17	3-26	Gary A. Midcap	318/496	50.00
18	3-27	Herbert & Phyllis Glendenning	349/827	33.25
19	3-25.1	Gary A. & Penny K. Midcap	304/230	33.48
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	3-19	Gary A. & Penny K. Midcap	301/265	20.94
23	3-18	Gary A. Midcap	322/108	80.33
24	3-9	Steven D. & Brenda M. Higgins	313/623	163.34
25	3-13	Lomax R. Kunkel (L/E)	297/692	63.50
26	3-8	Steven D. & Brenda M. Higgins	313/623	67.00
27	16-67	Robert D. Wetzel	404/372	82.06
28	1-11	Daniel A. Witschey	541/326	122.81
29	16-64	Richard Todd Kay	420/650	29.00
30	16-61.1	Robert D. Wetzel	184/351	3.00
31	16-63	Richard E. Kay, et ux	395/329	19.00

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

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02/09/2024