

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



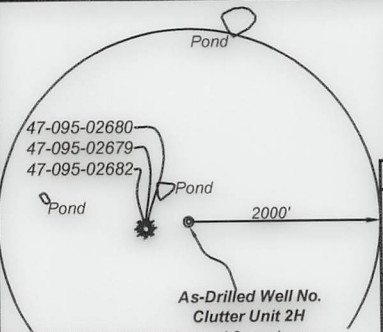
Top Hole Coordinates, As-drilled data, and information was provided by Antero Resources Corporation. Allegany Surveys Inc. (ASI) is not certifying the data and information provided. ASI is not responsible for any errors or inaccuracies with the data and information that has been provided.

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, P.S. 2167



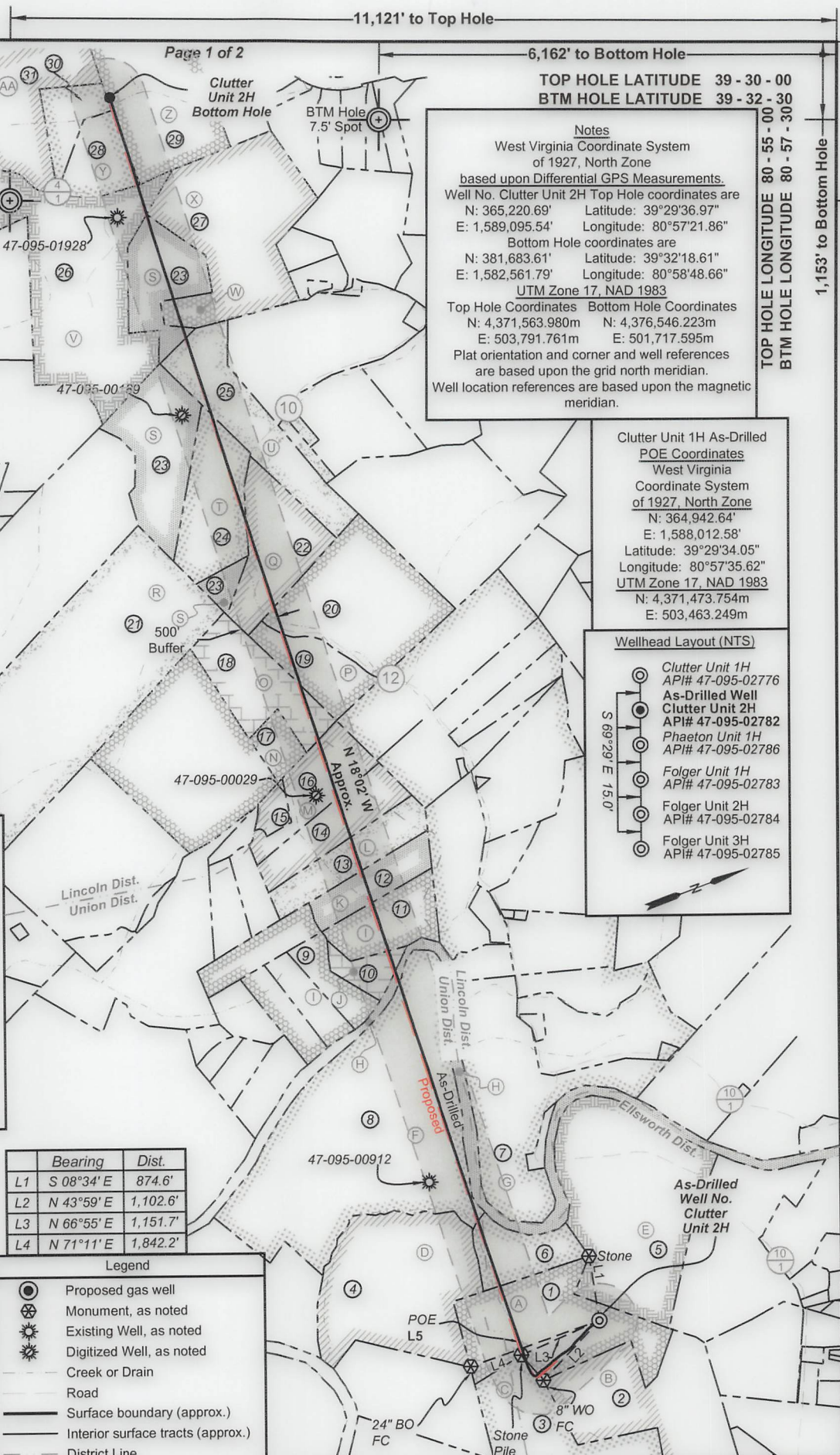
SEAL



Note: 0 water well, 0 spring and 3 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.

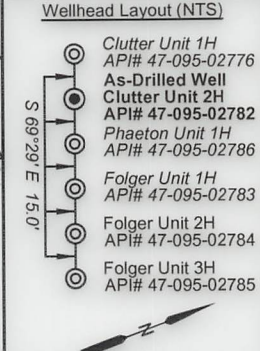
	Bearing	Dist.
L1	S 08°34' E	874.6'
L2	N 43°59' E	1,102.6'
L3	N 66°55' E	1,151.7'
L4	N 71°11' E	1,842.2'

- 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. Clutter Unit 2H Top Hole coordinates are
 N: 365,220.69' Latitude: 39°29'36.97"
 E: 1,589,095.54' Longitude: 80°57'21.86"
 Bottom Hole coordinates are
 N: 381,683.61' Latitude: 39°32'18.61"
 E: 1,582,561.79' Longitude: 80°58'48.66"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,371,563.980m N: 4,376,546.223m
 E: 503,791.761m E: 501,717.595m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.

Clutter Unit 1H As-Drilled POE Coordinates
 West Virginia Coordinate System of 1927, North Zone
 N: 364,942.64'
 E: 1,588,012.58'
 Latitude: 39°29'34.05"
 Longitude: 80°57'35.62"
 UTM Zone 17, NAD 1983
 N: 4,371,473.754m
 E: 503,463.249m



FILE NO: 268-54-E-21
 DRAWING NO: Clutter 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: February 22 2023
 OPERATOR'S WELL NO. Clutter Unit 2H
 API WELL NO
 47 - 095 - 02782
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built 880' WATERSHED: Middle Island Creek QUADRANGLE: Btm Hole: Paden City
 Outlet: Middle Island Creek Top Hole: Middlebourne
 DISTRICT: Union, Lincoln COUNTY: Boone
 SURFACE OWNER: Ruth A. Helman William P. Ingram (2); James Arthur Shreves, et ux; Heritage Resources Marcellus Minerals, LLC
 SURFACE OWNER: Eldon J. & Karen Moore Hwilka; Keith V. Frum, et ux; Erik D. Grimm; James H. Williamson; COUNTY: Boone
 SURFACE OWNER: Richard Keith McCollum; Charles M., Jr. & Crystal R. Young; Flora Patterson Woodburn; ACREAGE: 61.83
 SURFACE OWNER: Jeffrey M. Mennillo, et ux; David S. Clough; William J. Goodfellow, et ux (2); Alan B. Clough, et ux ACREAGE: 128.55; 31.25; 86.607
 ROYALTY OWNER: Eldon J. & Ruth A. Helman; Lora Keller Thomas; WVDNR; Norma R. Spencer; LEASE NO: ACREAGE: 128.55; 31.25; 86.607

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: 24,066' MD
 5,972' 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	19-1	Eldon J. & Ruth A. Helman	383/761	61.83
2	19-42	Carol J. Cox	334/298	142.00
3	10-10	Lora K. Thomas	201/359	307.05
4	6-2	Eldon J. & Ruth A. Helman	383/761	83.13
5	13-10	Eldon J. & Ruth A. Helman	383/761	96.82
6	6-1.1	Eldon J. & Ruth A. Helman	383/761	21.00
7	15-18	B.F. Kile	174/412	70.00
8	6-1	Eldon J. & Ruth A. Helman	383/761	169.00
9	6-6.11	David S. Clough	351/752	12.40
10	6-6.10	Jeffrey M. & Jill S. Mennillo	368/770	9.90
11	6-6.9	David S. Clough	351/712	24.54
12	6-6.8	Alan B. & Traci L. Clough	354/306	18.30
13	6-6.6	Richard Keith McCollum	362/348	25.05
14	6-6.5	Crystal R. & Charles J. Young, Jr.	345/211	25.65
15	6-6	Crystal R. & Charles J. Young, Jr.	368/773	5.06
16	6-6.4	Crystal R. & Charles J. Young, Jr.	368/773	25.35
17	15-3	Dena Grimes	W35/150	11.00
18	15-1	S.P. & Otto Woodburn Estate	97/423	33.74
19	12-55	John A. & Matthew J. May	432/101	25.00
20	12-55	Nathaniel V. & Tamela Frum	428/604	75.00
21	14-1	Edward E. & Connie Howell	361/829	158.74
22	12-49	Estella J. & William J. Goodfellow, Jr.	286/20	38.65
23	12-21	Keith V. & Barbara L. Frum	280 / 358	77.30
24	12-46	Keith V. & Barbara L. Frum	280/358	40.89
25	12-43	Estella J. & William J. Goodfellow, Jr.	178/489	43.18
26	11-10	James Arthur & Dorothy J. Shreves	183/420	128.55
27	12-22	William & Joanne Ingram	140/502	84.30
28	11-9	Christian & Anna Forrester Estate	85/575	18.25
29	7-40	Brett Grimm, et al	342/538	86.60
30	11-8	Christian & Anna Forrester Estate	98/118	13.00
31	11-7	Robert L. Sherman	369/843	99.56

Leases	
A	Eldon J. & Ruth A. Helman
B	Carol J. Cox
C	Lora Keller Thomas
D	Gary C. & Maryjane Richards
E	Ruth H. Wells
F	Norma R. Spencer
G	Mary Ann Devine
H	WVDNR
I	David S. Clough
J	Jeffrey M. Mennillo, et ux
K	Alan B. Clough, et ux
L	Richard Keith McCollum
M	Charles M. Jr. & Crystal R. Young
N	Dena Raye Grimes
O	Flora Patterson Woodburn
P	Karen Moore Hwilka
Q	William J. Goodfellow, et ux
R	Margaret Conaway-Torok
S	William P. Ingram
T	Keith V. Frum, et ux
U	William J. Goodfellow, et ux
V	James Arthur Shreves, et ux
W	Heritage Resources Marcellus Minerals, LLC
X	William P. Ingram
Y	James H. Williamson
Z	Erik D. Grimm
AA	Robert L. Sherman

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