

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



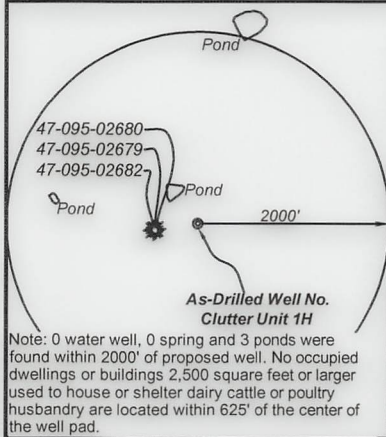
Top Hole Coordinates, As-drilled data, and information was provided by Antero Resources Corporation. Allegany Surveys Inc. (ASI) is not certifying the data and information provided. ASI is not responsible for any errors or inaccuracies with the data and information that has been provided.

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



	Bearing	Dist.
L1	S 07°42' E	867.7'
L2	N 43°16' E	1,096.6'
L3	N 66°24' E	1,141.0'
L4	N 70°53' E	1,830.7'

- 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



**STATE OF WEST VIRGINIA**  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
**OIL AND GAS DIVISION**

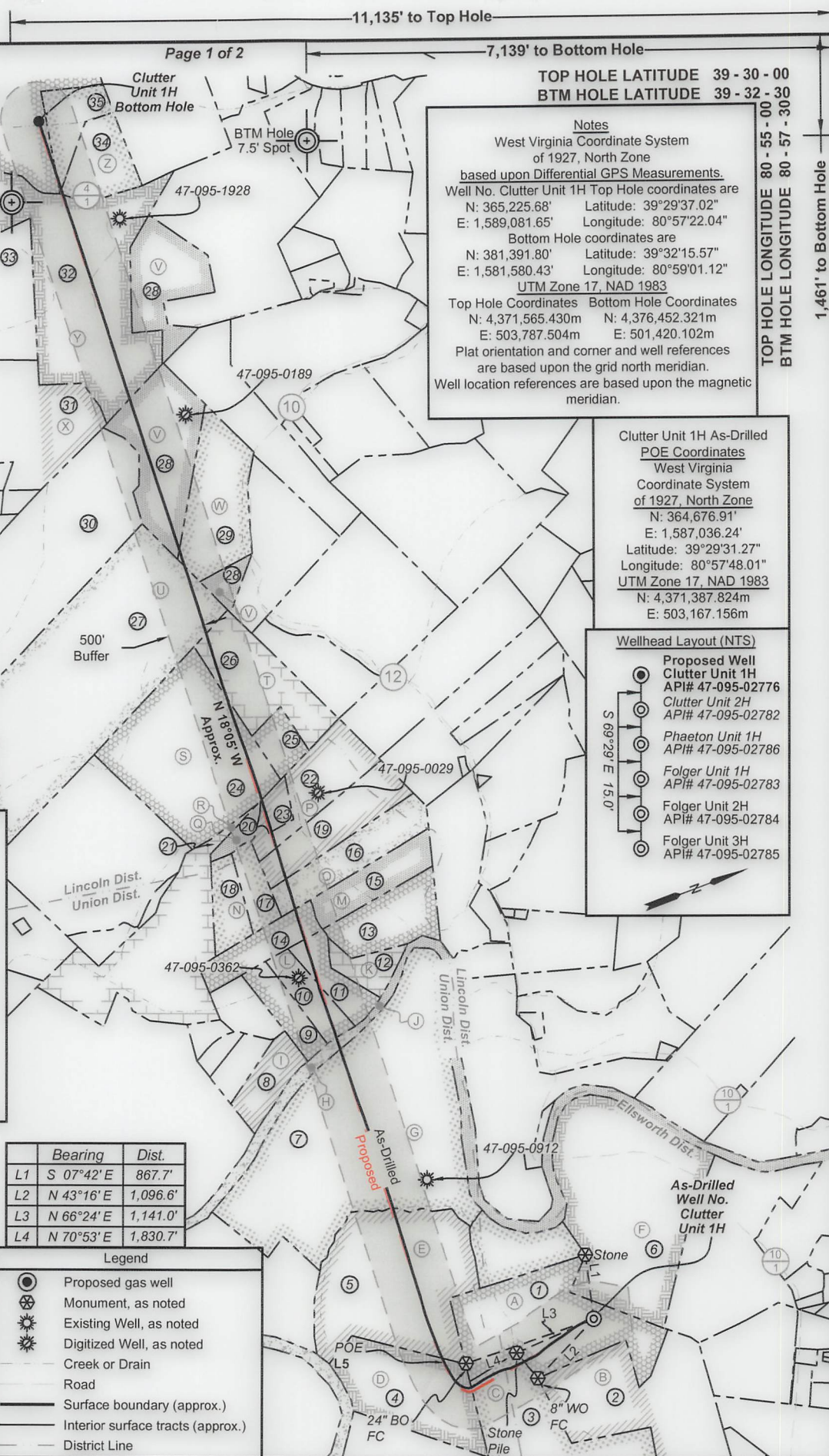
FILE NO: 268-54-E-21  
 DRAWING NO: Clutter Unit 1H As-Drilled  
 SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: Submeter  
 PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

DATE: February 22 2023  
 OPERATOR'S WELL NO. Clutter Unit 1H  
 API WELL NO  
 47 - 095 - 02776  
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built 880' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Top Hole: Middlebourne 99.6471; Btm Hole: Paden City 61.82; 186.008;  
 DISTRICT: Union, Lincoln Elsworth, William P. Ingram; James Arthur Shreves, et ux; James H. Williamson; COUNTY: Tyler 61.82; 186.008;  
 SURFACE OWNER: Ruth A. Helman Eldon J. & Flora Patterson Woodburn; Margaret Conaway-Torok; Keith V. Frum, et ux; ACREAGE: 61.83 53; 78.49; 25.05;  
 ROYALTY OWNER: Eldon J. & Ruth A. Helman; Charles M., Jr. & Crystal R. Young; Dena Raye Grimes; Robert L. Sherman; LEASE NO: ACREAGE: 77.3; 128.55; 31.25;  
 PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 5,963' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 24,305' 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



**Notes**  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Well No. Clutter Unit 1H Top Hole coordinates are  
 N: 365,225.68' Longitude: 80°57'22.04"  
 E: 1,589,081.65'  
 Bottom Hole coordinates are  
 N: 381,391.80' Longitude: 39°32'15.57"  
 E: 1,581,580.43' Longitude: 80°59'01.12"  
 UTM Zone 17, NAD 1983  
 Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,371,565.430m N: 4,376,452.321m  
 E: 503,787.504m E: 501,420.102m  
 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: 364,676.91'  
 E: 1,587,036.24'  
 Latitude: 39°29'31.27"  
 Longitude: 80°57'48.01"  
 UTM Zone 17, NAD 1983  
 N: 4,371,387.824m  
 E: 503,167.156m

- Wellhead Layout (NTS)**
- Proposed Well Clutter Unit 1H API# 47-095-02776
  - Clutter Unit 2H API# 47-095-02782
  - Phaeton Unit 1H API# 47-095-02786
  - Folger Unit 1H API# 47-095-02783
  - Folger Unit 2H API# 47-095-02784
  - Folger Unit 3H API# 47-095-02785

11,135' to Top Hole  
 7,139' to Bottom Hole  
 TOP HOLE LATITUDE 39 - 30 - 00  
 BTM HOLE LATITUDE 39 - 32 - 30  
 TOP HOLE LONGITUDE 80 - 55 - 00  
 BTM HOLE LONGITUDE 80 - 57 - 30  
 1,461' to Bottom Hole  
 2,325' to Top Hole



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	10-1	Lora K. Thomas	175/19	53.00
5	6-2	Eldon J. & Ruth A. Helman	383/761	83.13
6	13-10	Eldon J. & Ruth A. Helman	383/761	96.82
7	6-1	Eldon J. & Ruth A. Helman	383/761	169.00
8	6-6.14	Arlen G. Wells, Jr.	339/611	15.00
9	6-6.13	David S. Clough	351/752	12.25
10	6-6.12	David S. Clough	351/752	12.95
11	6-6.11	David S. Clough	351/752	12.40
12	6-6.10	Jeffrey M. & Jill S. Mennillo	368/770	9.90
13	6-6.9	David S. Clough	351/712	24.54
14	6-6.7	David S. Clough	351/752	16.35
15	6-6.8	Alan B. & Traci L. Clough	354/306	18.30
16	6-6.6	Richard Keith McCollum	362/348	25.05
17	6-6.3	Ethan P. Wells	445/727	9.55
18	6-6.2	Ethan P. Wells	445/727	11.85
19	6-6.5	Crystal R. & Charles J. Young, Jr.	345/211	25.65
20	6-6.1	Charles Young Jr. & Crystal Young	461/81	4.30
21	6-4	Kathryn S. Lehman	379/562	67.00
22	6-6.4	Crystal R. & Charles J. Young, Jr.	368/773	25.35
23	6-6	Crystal R. & Charles J. Young, Jr.	368/773	5.06
24	6-5	Linda Pryor Henriksen & Roy Henriksen	637/558	83.60
25	15-3	Dena Grimes	W35/150	11.00
26	15-1	S.P. & Otto Woodburn Estate	97/423	33.74
27	14-1	Edward E. & Connie Howell	361/829	158.74
28	12-21	Keith V. & Barbara L. Frum	280 / 358	77.30
29	12-46	Keith V. & Barbara L. Frum	280/358	40.89
30	11-11	Thomas E. Bowen	374/636	119.75
31	11-18	William L. & Lynn A. Hinkle	366/387	72.50
32	11-10	James Arthur & Dorothy J. Shreves	183/420	128.55
33	11-24	Ryan Chambers & Nancy Marie Chaplin	348/763	77.00
34	11-9	Christian & Anna Forrester Estate	85/575	18.25
35	11-8	Christian & Anna Forrester Estate	98/118	13.00
36	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	Lora Keller Thomas
E	Gary C. & Maryjane Richards
F	Ruth H. Wells
G	Norma R. Spencer
H	WVDNR
I	Arlen G. Jr. & Marsha A. Wells
J	WVDNR
K	Jeffrey M. Mennillo, et ux
L	David S. Clough
M	Alan B. Clough, et ux
N	Everett E. & Melissa D. Higgins
O	Richard Keith McCollum
P	Charles M. Jr. & Crystal R. Young
Q	Ridgetop Royalties, LLC
R	Greenbrier Royalty Fund II, LLC
S	Dena Raye Grimes
T	Flora Patterson Woodburn
U	Margaret Conaway-Torok
V	William P. Ingram
W	Keith V. Frum, et ux
X	William L. Hinkle
Y	James Arthur Shreves, et ux
Z	James H. Williamson
AA	Robert L. Sherman

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 DISTRICT: Union, Lincoln COUNTY: Type  
 SURFACE OWNER: Eldon J. & Ruth A. Helman LEASE NO: 08/18/2023  
 ROYALTY OWNER: Eldon J. & Ruth A. Helman; Lora Keller Thomas (2); Gary C. & Maryjane Richards; ACREAGE: 61.83 ACREAGE: 56.06; 107.48438; 33.74; 158.74; 40.89; 77.3; 128.55; 31.25;  
 PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
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