

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



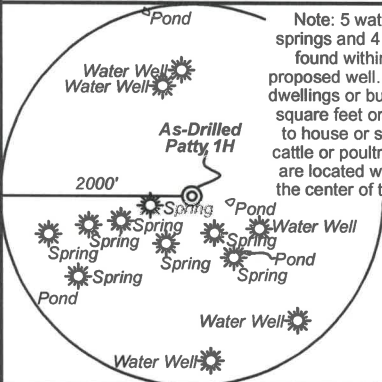
Top Hole Coordinates, As-drilled data, and information was provided by Antero Resources Corporation. Allegheny Surveys Inc. (ASI) is not certifying the data and information provided. ASI is not responsible for any errors or inaccuracies with the data and information that has been provided.

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.

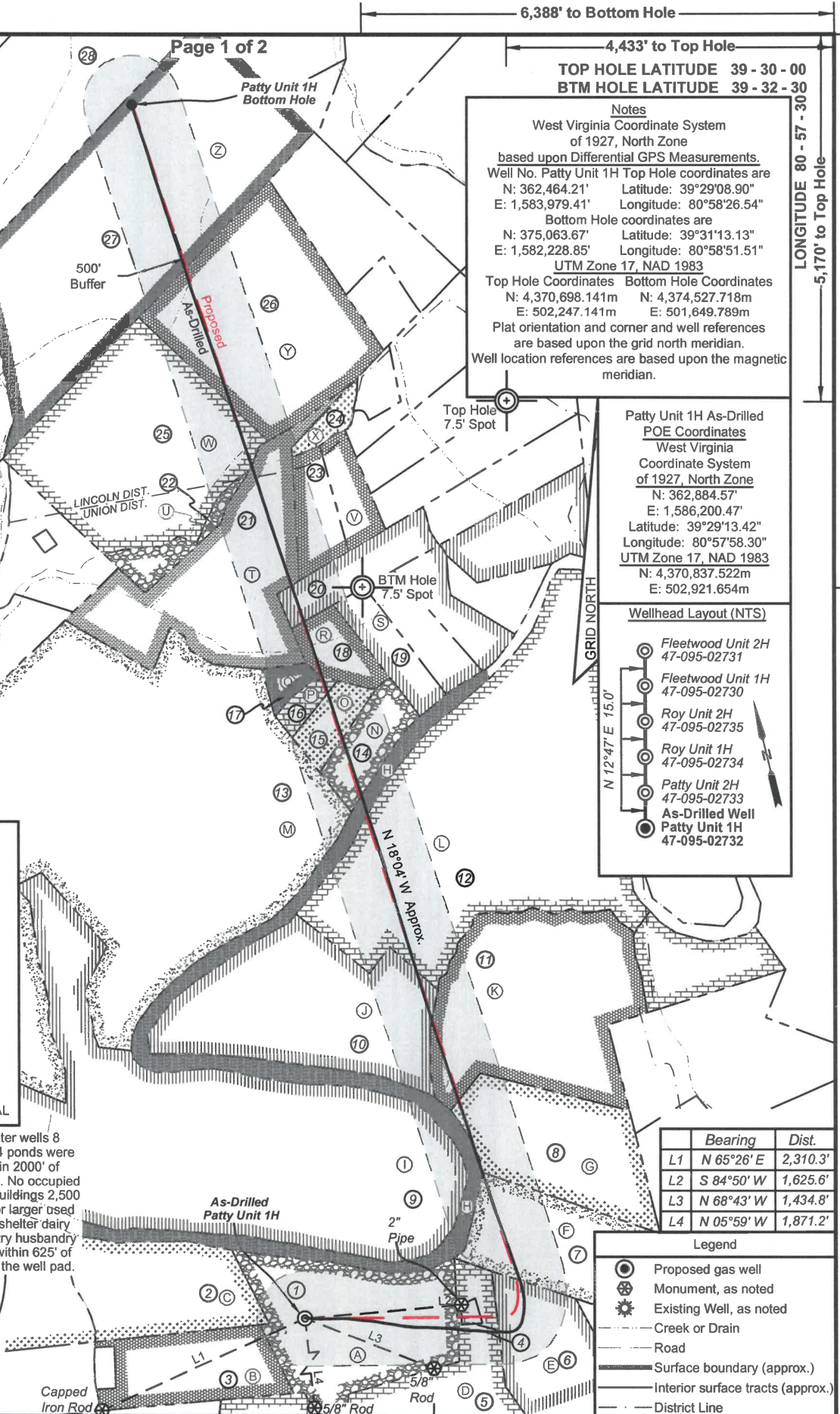
Bradley D. Miller
 Bradley D. Miller, P.S. 2167



SEAL

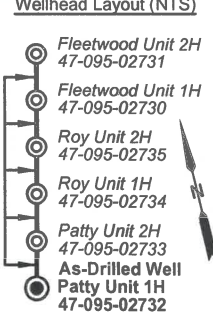


Note: 5 water wells 8 springs and 4 ponds were found within 2000' of proposed well. No occupied dwellings or buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad.



Notes
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
 Well No. Patty Unit 1H Top Hole coordinates are
 N: 362,464.21' Latitude: 39°29'08.90"
 E: 1,583,979.41' Longitude: 80°58'26.54"
 Bottom Hole coordinates are
 N: 375,063.67' Latitude: 39°31'13.13"
 E: 1,582,228.85' Longitude: 80°58'51.51"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,370,698.141m N: 4,374,527.718m
 E: 502,247.141m E: 501,649.789m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.

Patty Unit 1H As-Drilled POE Coordinates
 West Virginia Coordinate System of 1927, North Zone
 N: 362,884.57'
 E: 1,586,200.47'
 Latitude: 39°29'13.42"
 Longitude: 80°57'58.30"
 UTM Zone 17, NAD 1983
 N: 4,370,837.522m
 E: 502,921.654m



	Bearing	Dist.
L1	N 65°26' E	2,310.3'
L2	S 84°50' W	1,625.6'
L3	N 68°43' W	1,434.8'
L4	N 05°59' W	1,871.2'

Legend

- Proposed gas well
- Monument, as noted
- Existing Well, as noted
- Creek or Drain
- Road
- Surface boundary (approx.)
- Interior surface tracts (approx.)
- District Line

FILE NO: 197-54-M-18
 DRAWING NO: Patty Unit 1H As-Drilled
 SCALE: 1" = 1500'
 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: November 11 2021
 OPERATOR'S WELL NO. Patty 1H
 API WELL NO
 47 - 095 - 02732
 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: Middlebourne 57.23; 107.929;
 DISTRICT: Union/Lincoln Dena Raye Grimes; J&N Management Enterprises, LLC; WVDNR; Greenbrier Royalty Fund II, LLC; Arlen G. Jr., & Marsha A. Wells (5); COUNTY: Tyler 60.38; 26; 50; 53;
 SURFACE OWNER: Antero Resources Corp. Linda P. & Roy Henriksen; Margaret Conaway-Torok; ACREAGE: 60.38 78.49; 65.4620; 83.61;
 ROYALTY OWNER: Berna J. Hammel; H3, LLC; Leslie W. Potts; Lora Keller Thomas; Antero Minerals, LLC; LEASE NO: ACREAGE: 3.68; 8.3; 10.85; 15.0
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 6,011' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 19,625' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System
 ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road
 Denver, CO 80202 Charleston, WV 25313



Leases	
A	Berna J. Hammel
B	Sally & Mitchell Dunn
C	Maurice C. Grove
D	J&N Management Enterprises, LLC
E	H3 LLC
F	Leslie W. Potts
G	Lora Keller Thomas
H	WVDNR
I	OPEN
J	Jay Edward Smith
K	Antero Minerals, LLC
L	Norma R. Spencer
M	B. Douglas Haught
N	Arlen G., Jr. & Marsha A. Wells
O	Arlen G., Jr. & Marsha A. Wells
P	Arlen G., Jr. & Marsha A. Wells
Q	Arlen G., Jr. & Marsha A. Wells
R	Arlen G., Jr. & Marsha A. Wells
S	David S. Clough
T	Greenbrier Royalty Fund II, LLC
U	Julia Fetty Carolus
V	Everett E. Higgins, et ux
W	Linda P. & Roy Henriksen
X	Brian E. Higgins, et ux
Y	Dena Raye Grimes
Z	Margaret Conaway-Torok

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	AR 6/754	40.00
3	10-4	Kevin L. & Tammy J. Thomas	OR7/290	32.22
4	10-5.2	Rainelle M. Pratt, et al	WB56/619	1.01
5	10-5	Timothy Brian Bowen, et al	WB56/619	48.36
6	10-3	Joseph B. & Melanie Thomas	173/503	39.00
7	10-2	Mary Elizabeth Potts, et al	126/444	50.00
8	10-1	Lora K. Thomas	175/19	53.00
9	9-4	Steven D. Zechman & Linda M. Jensen	348/422	250.00
10	6-3	Eldon J. & Ruth A. Helman	383/761	72.88
11	6-2	Eldon J. & Ruth A. Helman	383/761	83.13
12	6-1	Eldon J. & Ruth A. Helman	383/761	169.00
13	5-16	Charity Gas Inc.	358/516	393.00
14	6-6.14	Arlen G. Wells, Jr.	339/611	15.00
15	6-6.15	Arlen G. Wells, Jr.	339/611	8.30
16	6-6.16	Arlen G. & Marsha A. Wells	357/380	3.68
17	6-6.17	Arlen G. & Marsha A. Wells	357/380	3.98
18	6-6.18	Arlen G. & Marsha A. Wells	357/382	10.85
19	6-6.13	David S. Clough	351/752	12.25
20	6-6.7	David S. Clough	351/752	16.35
21	6-4	Kathryn S. Lehman	379/562	67.00
22	6-5.3	Julia Fetty Carolus	323/587	2.50
23	6-6.2	Eathan P. Wells	445/727	11.85
24	6-6.1	Charles Young Jr. & Crystal Young	461/81	4.30
25	5-26	Paul R. Fetty	288/126	82.22
26	6-5	Linda Pryor & Roy Henriksen	637/558	83.60
27	14-1	Edward E. & Connie Howell	361/829	158.74
28	11-11	Thomas E. Bowen	374/636	119.75

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