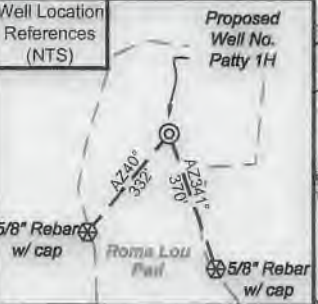
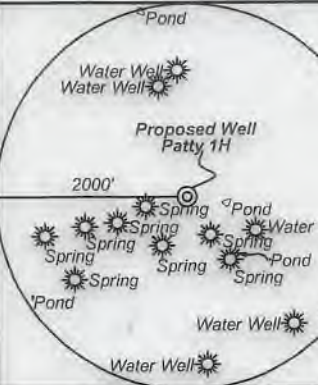


Antero Resources
Well No. Patty 1H
 Antero Resources Corporation

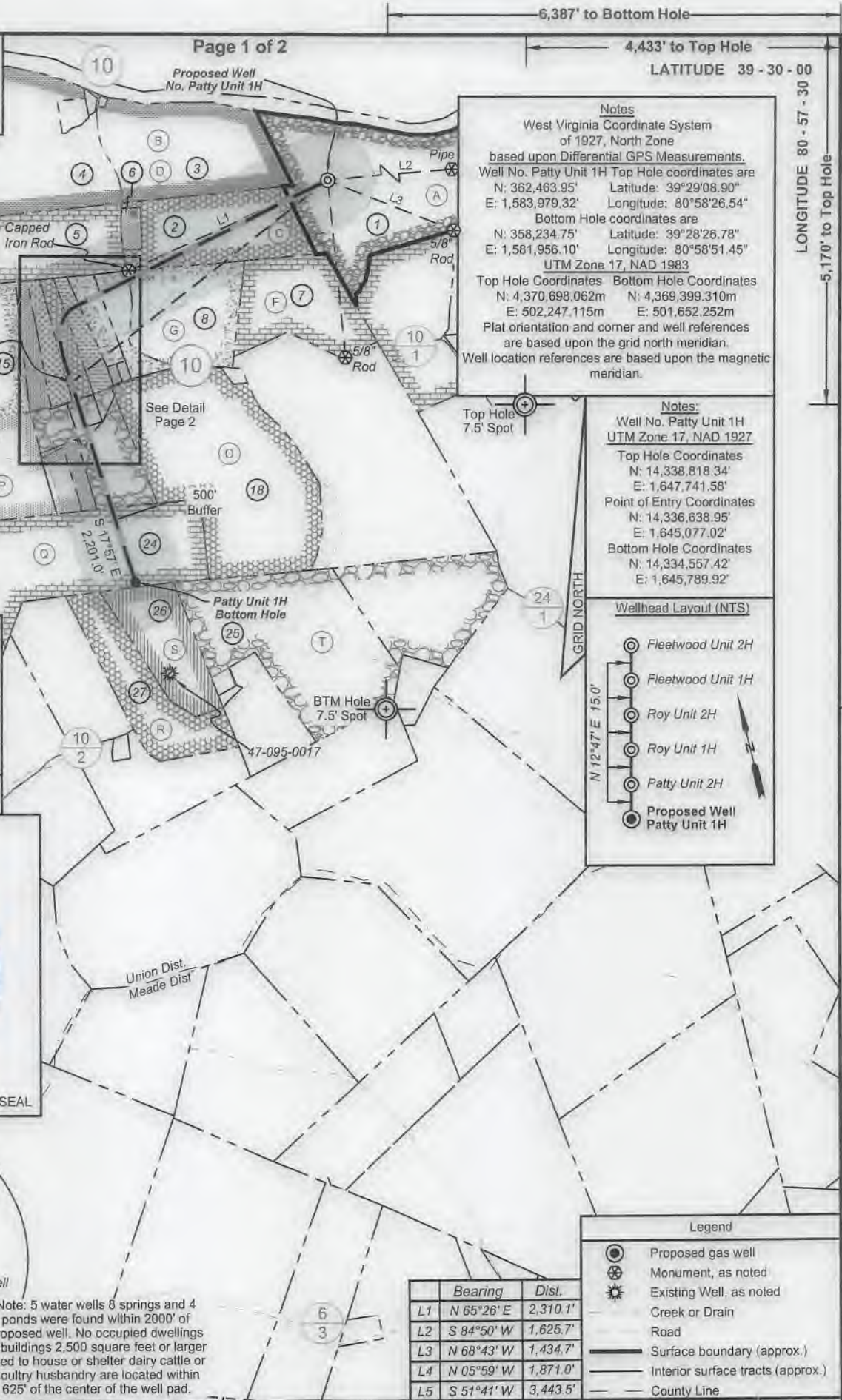


I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

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

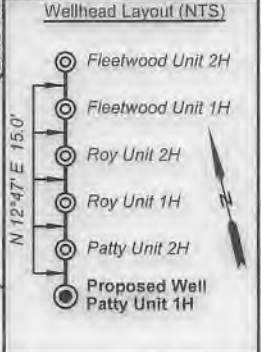


Note: 5 water wells 8 springs and 4 ponds were found within 2000' of proposed well. No occupied dwellings or buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad.



Notes
 West Virginia Coordinate System of 1927, North Zone
 based upon Differential GPS Measurements.
 Well No. Patty Unit 1H Top Hole coordinates are
 N: 362,463.95' Latitude: 39°29'08.90"
 E: 1,583,979.32' Longitude: 80°58'26.54"
 Bottom Hole coordinates are
 N: 358,234.75' Latitude: 39°28'26.78"
 E: 1,581,956.10' Longitude: 80°58'51.45"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,370,698.062m N: 4,369,399.310m
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 Well location references are based upon the magnetic meridian.

Notes:
 Well No. Patty Unit 1H
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 Top Hole Coordinates
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 E: 1,647,741.58'
 Point of Entry Coordinates
 N: 14,336,638.95'
 E: 1,645,077.02'
 Bottom Hole Coordinates
 N: 14,334,557.42'
 E: 1,645,789.92'



Legend

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

FILE NO: 197-54-M-18
 DRAWING NO: Patty Unit 1H
 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: March 4 2021
 OPERATOR'S WELL NO. Patty 1H
 API WELL NO 4664
 47 - 095 - 02132
 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
 DISTRICT: Union COUNTY: Tyler 04/16/2021
 SURFACE OWNER: Antero Resources Corp. ACREAGE: 60.38 60.38; 36.225; 38.87; 5.537; 5.61; 5.646;
 ROYALTY OWNER: Berna J. Hammel; Sally & Mitchell Dunn; Roma Hart; Norma Jean Thompson; Lora G. Thomas; LEASE NO: ACREAGE: 19.326; 135;
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ 6,500' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 12,600' 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

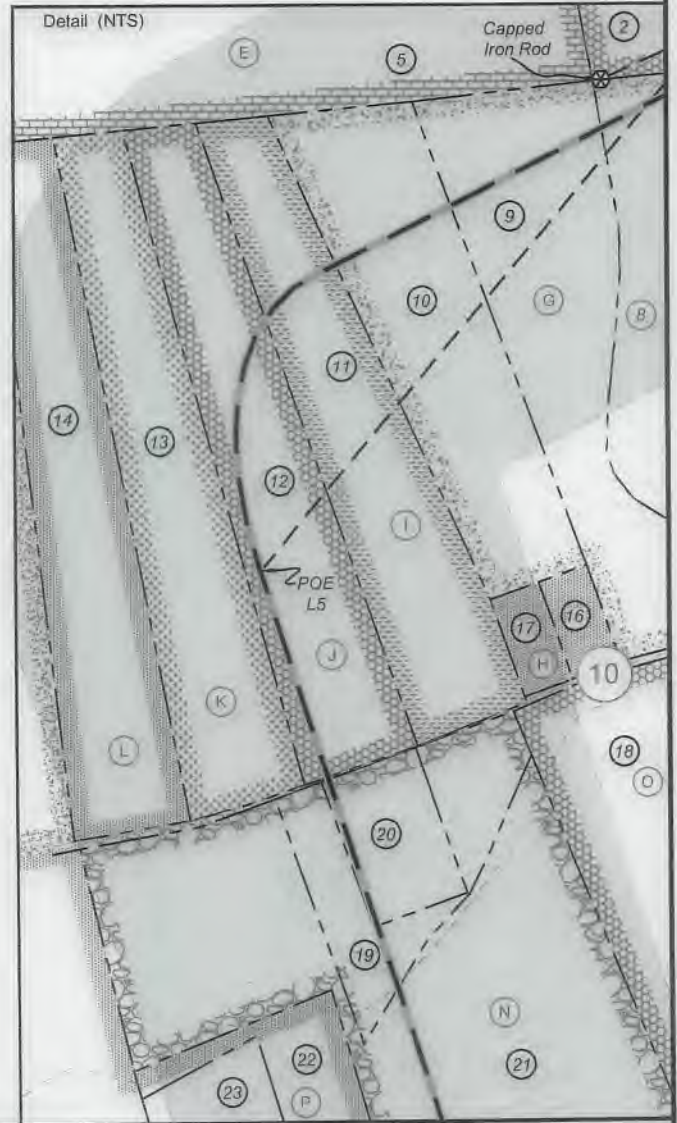
Antero Resources
Well No. Patty 1H
 Antero Resources Corporation



Leases

A	Berna J. Hammel
B	Maurice C. Grove
C	Sally & Mitchell Dunn
D	OPEN
E	OPEN
F	J&N Management Enterprises, LLC
G	Roma Hart
H	OPEN
I	Norma Jean Thompson
J	Lora G. Thomas
K	Joseph B. & Melanie Thomas
L	Donald M. & Montana Thomas
M	George A. & Yvonne Starkey
N	Alta W. Donahue
O	Michael D. & Carol Wise
P	OPEN
Q	Barbara Ann Fowler
R	Jodie L. Yost
S	Ruth E. Moore
T	Donald M. Thomas, et ux

ID	TM/Par	Owner	Bk/Pg	Acres
1	10-4.1	Antero Resources Corporation	OR12/739	60.38
2	10-4	Kevin L. & Tammy J. Thomas	OR7/290	32.22
3	9-9.1	Jennifer K. & Diane M. Thomas	AR46/754	40.00
4	9-9	Patrick L. & Tammy M. Smith	341/695	58.50
5	9-12	Mary J. Patterson	176/58	30.00
6	9-13	Kevin L. & Tammy J. Thomas	OR 7/290	2.00
7	10-5.3	Richard Daniel Bowen	344/814	25.93
8	9-16	Billy D. & Roma L. Hart	154/569	20.00
9	9-15.3	Billy D. & Roma L. Thomas Hart	WB21/443	4.50
10	9-15	Billy D. & Roma L. Thomas Hart	277/668	5.40
11	9-15.4	Roma L. Hart	OR33/240	5.53
12	9-15.6	Kenneth O. Thomas	WB37/660	5.61
13	9-15.7	Joseph B. & Melanie Thomas	277/664	5.65
14	9-15.5	Donald M. & Montana Thomas	277/656	5.56
15	9-14	George A. & Yvonne Starkey	184/21	65.51
16	9-15.1	James L. & Sandra Menges	201/143	0.46
17	9-15.2	James L. & Sandra Menges	221/486	0.46
18	10-7	Michael D. & Carol Wise	349/420	71.70
19	9-43.4	Kelly Anderson	306/450	2.28
20	9-43.3	Kelly Anderson	284/160	1.34
21	9-43	George A. & Yvonne Starkey	350/455	15.70
22	9-43.2	Robert V. & Myra L. Butcher	227/187	2.95
23	9-43.1	Robert V. & Myra L. Butcher	219/305	3.92
24	9-47	Coastal Lumber Company	301/131	67.24
25	10-8	Don M. & Montana Thomas	136/131	56.36
26	9-51	Shirley L. Chapman & Lois J. McPeck	OR26/323	21.50
27	13-25.3	Clegg Jody Yost	354/552	23.75



FILE NO: 197-54-M-18
 DRAWING NO: Patty Unit 1H
 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

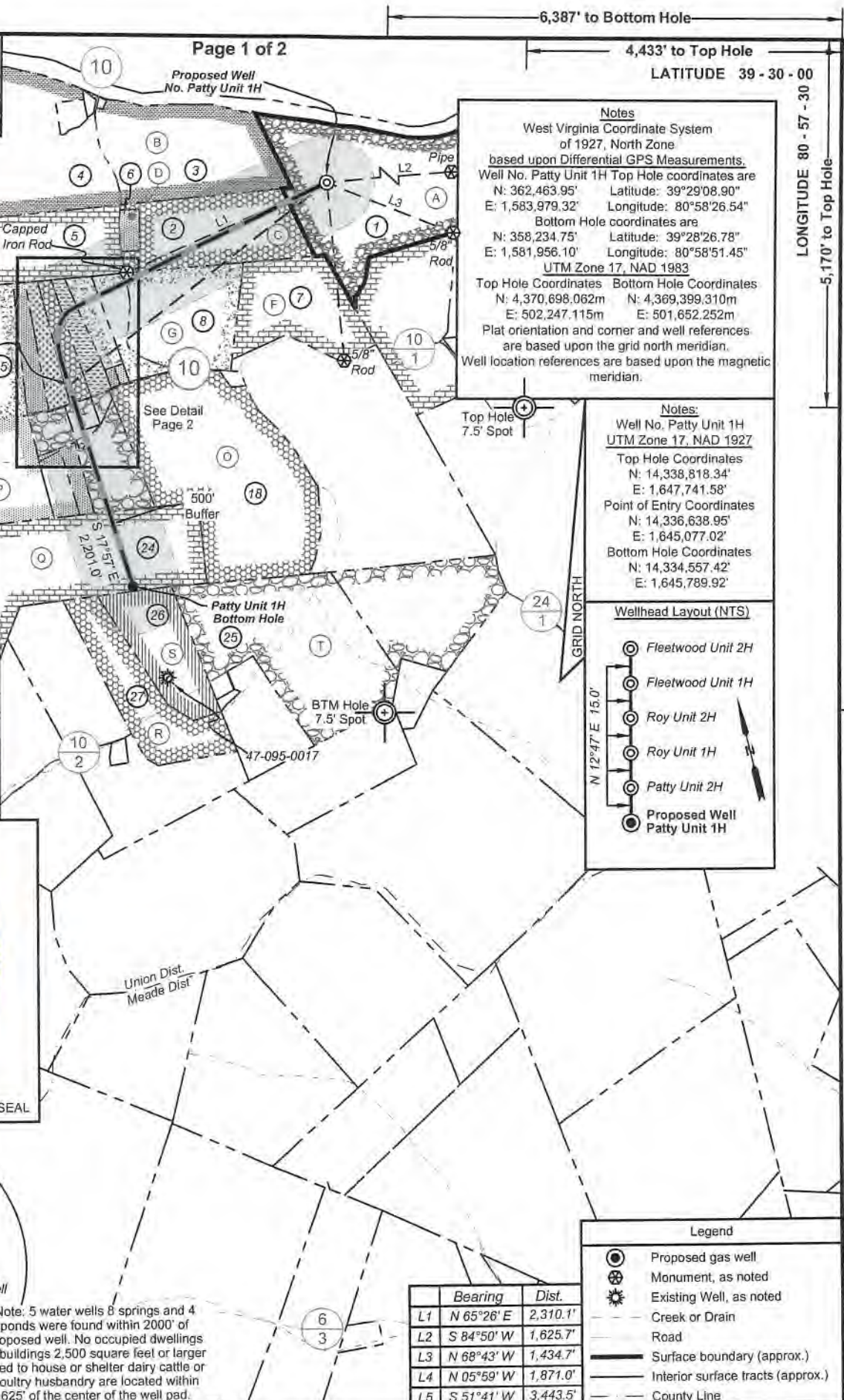
DATE: March 4 2021
 OPERATOR'S WELL NO. Patty 1H
 API WELL NO. **H&A**
 47 - 095 - **02732**
 STATE COUNTY PERMIT

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
 DISTRICT: Union COUNTY: Tyler **04/16/2021**
 SURFACE OWNER: Antero Resources Corp. ACREAGE: 60.38 60.38; 36.225; 38.87;
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 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 12,600' MD

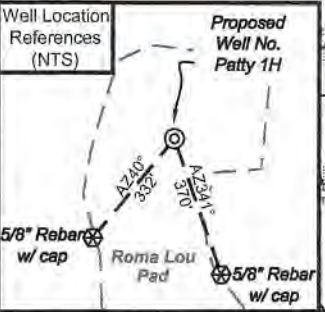
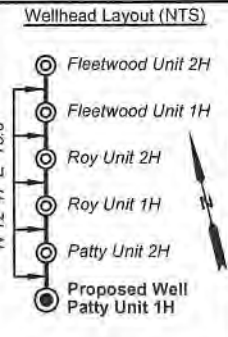
WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System
 ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road
Denver, CO 80202 Charleston, WV 25313

Antero Resources
Well No. Patty 1H
 Antero Resources Corporation



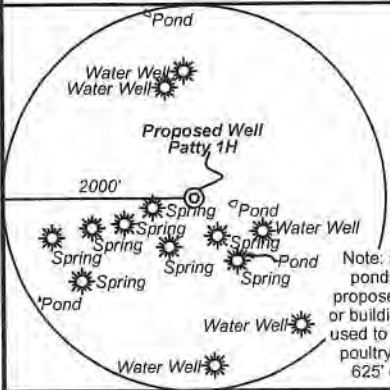
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 N: 14,334,557.42'
 E: 1,645,789.92'



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



	Bearing	Dist.
L1	N 65°26' E	2,310.1'
L2	S 84°50' W	1,625.7'
L3	N 68°43' W	1,434.7'
L4	N 05°59' W	1,871.0'
L5	S 51°41' W	3,443.5'

Legend

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

FILE NO: 197-54-M-18
 DRAWING NO: Patty Unit 1H
 SCALE: 1" = 1500'
 MINIMUM DEGREE OF ACCURACY: Submeter
 PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

STATE OF WEST VIRGINIA RECEIVED: March 4 2021
 DEPARTMENT OF ENVIRONMENTAL PROTECTION Office of Oil and Gas
OIL AND GAS DIVISION OPERATOR'S WELL NO. Patty 1H
 API WELL NO. HGA
 COUNTY 095 PERMIT 02732

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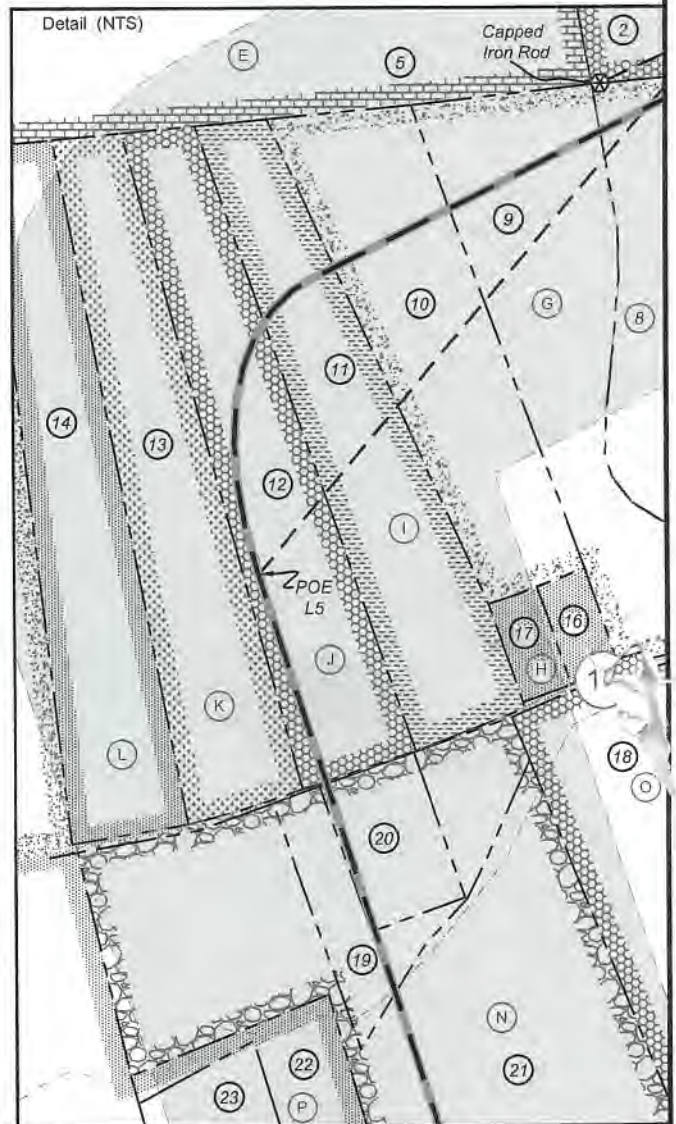
WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System
 ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road
 Denver, CO 80202 Charleston, WV 25313

Antero Resources
Well No. Patty 1H
 Antero Resources Corporation



Leases	
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C	Sally & Mitchell Dunn
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G	Roma Hart
H	OPEN
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J	Lora G. Thomas
K	Joseph B. & Melanie Thomas
L	Donald M. & Montana Thomas
M	George A. & Yvonne Starkey
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 WVDOT, Harrisville, WV

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

DATE: March 4 2021
 OPERATOR'S WELL NO. Patty 1H
 API WELL NO HGA
 - 095 - 02732
 STATE COUNTY PERMIT

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

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 ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road
 Denver, CO 80202 Charleston, WV 25313



Antero Resources Corporation
 Appalachian Basin
 Roma Lou Pad
 Tyler County

Quadrangle: Middlebourne
 Watershed: Outlet Middle Island Creek
 District: Union
 Date: 11-22-2019

04/16/2021
 FEET