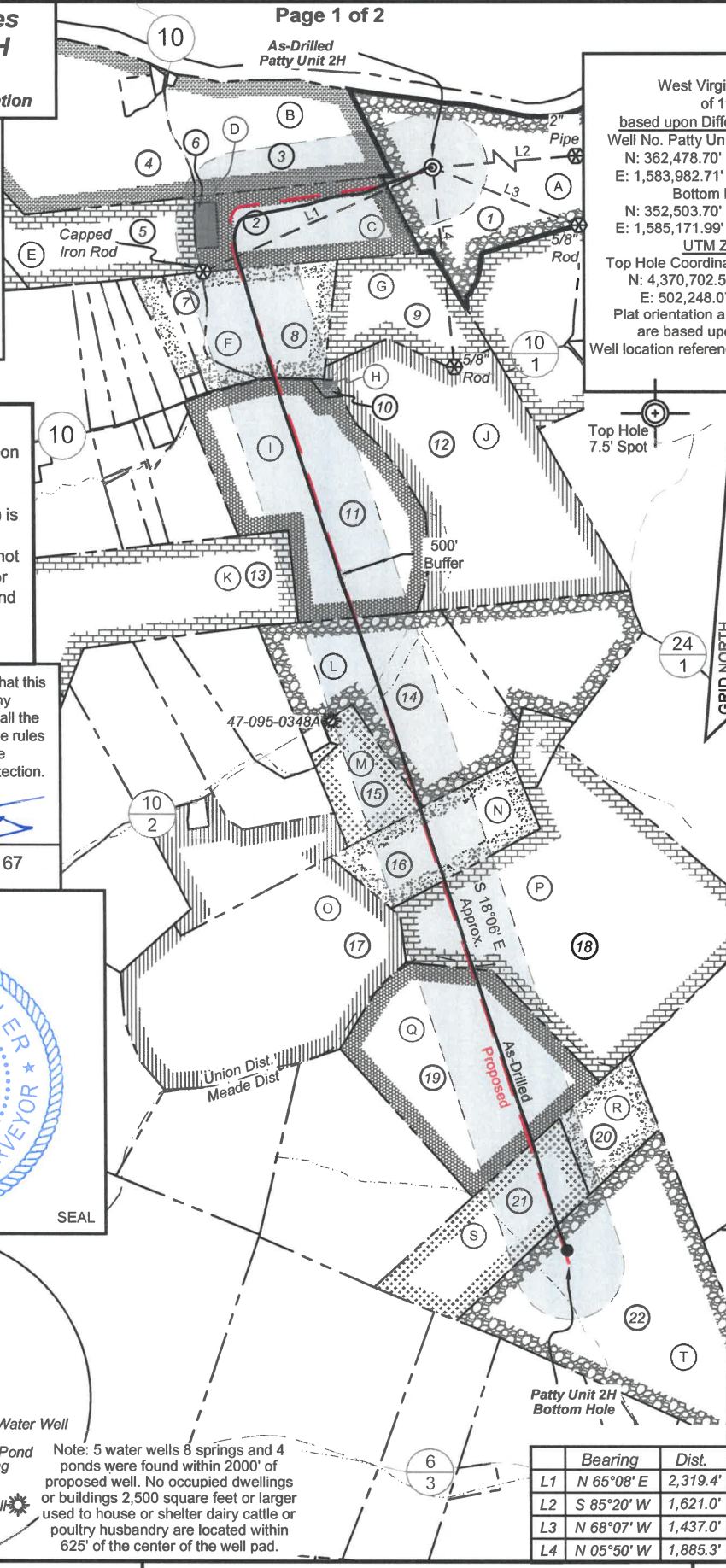


**Antero Resources
Well No. Patty 2H
As-Drilled**
Antero Resources Corporation



4,430' to Top Hole
3,079' to Bottom Hole
LATITUDE 39 - 30 - 00
LONGITUDE 80 - 57 - 30
5,156' to Top Hole
15,110' to Bottom Hole

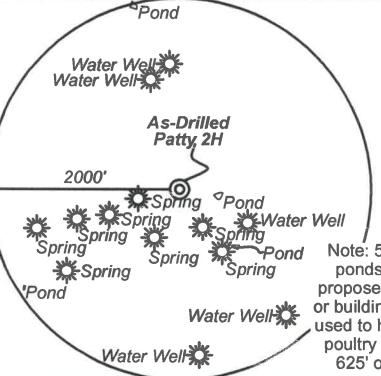
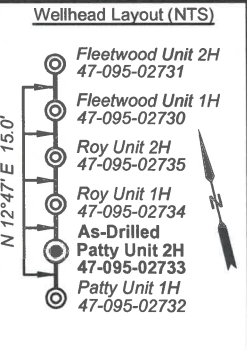
Notes
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Patty Unit 2H Top Hole coordinates are
N: 362,478.70' Latitude: 39°29'09.05"
E: 1,583,982.71' Longitude: 80°58'26.50"
Bottom Hole coordinates are
N: 352,503.70' Latitude: 39°27'30.66"
E: 1,585,171.99' Longitude: 80°58'09.25"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,370,702.595m N: 4,367,669.710m
E: 502,248.073m E: 502,661.133m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

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.

Patty Unit 2H As-Drilled POE Coordinates
West Virginia Coordinate System of 1927, North Zone
N: 361,460.92' E: 1,582,245.60'
Latitude: 39°28'58.71" Longitude: 80°58'48.44"
UTM Zone 17, NAD 1983
N: 4,370,383.651m E: 501,724.036m

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°08' E	2,319.4'
L2 S 85°20' W	1,621.0'
L3 N 68°07' W	1,437.0'
L4 N 05°50' W	1,885.3'

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 2H 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 2H
API WELL NO
47 - 095 - 02733
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/Meade COUNTY: Tyler 71.7; 35.5625; 96.0
SURFACE OWNER: Antero Resources Corp. Kenneth James Lantz; Joshua Botkins; Sally & Mitchell Dunn; Andrew E. Harris, et ux; Everett Harris; Paula D. Garvey; ACREAGE: 60.38 115.88; 68.65625
ROYALTY OWNER: Berna J. Hammel; Roma Hart; Michael D. & Carol Wise; Donald M. Thomas, et ux (2) LEASE NO: ACREAGE: 60.38; 36.225; 38.87; 90.24; 16.625; 27.25;

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 6,129' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 16,065' 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



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	9-15.3	Billy D. & Roma L. Thomas Hart	WB21/443	4.50
8	9-16	Billy D. & Roma L. Hart	154/569	20.00
9	10-5.3	Richard Daniel Bowen	344/814	25.93
10	10-6	James F. & Sarah K. Boley	321/745	1.00
11	10-7	Michael D. & Carol Wise	349/420	71.70
12	10-9	Bowen Family Irrevocable Trust	370/750	82.00
13	9-47	Coastal Lumber Company	301/131	67.24
14	10-8	Don M. & Montana Thomas	136/131	56.36
15	14-5	Stephen A. & Kimberly D. Starkey	382/395	16.07
16	14-1	Donald Marvin & Montana Thomas	215/271	27.25
17	13-26	Paul E. Snider	189/412	83.62
18	14-2	Everett E. Harris, et al	281/483	109.88
19	2-8	Roy F. Gorrell	415/82	68.66
20	2-6	Barnett Shinn Estate	WB23/146	15.00
21	2-9	Fred Davis	341/608	35.56
22	2-10	Joshua D. Botkins	399/327	96.00

Leases	
A	Berna J. Hammel
B	Maurice C. Grove
C	Sally & Mitchell Dunn
D	OPEN
E	OPEN
F	Roma Hart
G	J&N Management Enterprises, LLC
H	Richard A. Danser
I	Michael D. & Carol Wise
J	Bowen Family Irrevocable Trust
K	Barbara Ann Fowler
L	Donald M. Thomas, et ux
M	Andrew E. Harris, et ux
N	Donald M. Thomas, et ux
O	Paul E. Snider
P	Everett Harris
Q	Paula D. Garvey
R	Brady Carol Shinn
S	Kenneth James Lantz
T	Joshua Botkins

FILE NO: 197-54-M-18
DRAWING NO: Patty Unit 2H As-Drilled
SCALE: 1" = 1500'
MINIMUM DEGREE OF ACCURACY:
Submeter
PROVEN SOURCE OF ELEVATION:
WVDOT, Harrisville, WV



DATE: November 11 2021
OPERATOR'S WELL NO. Patty 2H
API WELL NO
47 - 095 - 02733
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/Meade COUNTY: Tyler

SURFACE OWNER: Antero Resources Corp. Kenneth James Lantz; Joshua Botkins; Sally & Mitchell Dunn; Andrew E. Harris, et ux; Everett Harris; Paula D. Garvey; ACREAGE: 60.38
ROYALTY OWNER: Berna J. Hammel; Roma Hart; Michael D. & Carol Wise; Donald M. Thomas, et ux (2) LEASE NO: ACREAGE: 71.7; 35.5625; 96.0
90.24; 16.625; 27.25; 60.38; 36.225; 38.87;

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 6,129' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 16,065' 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