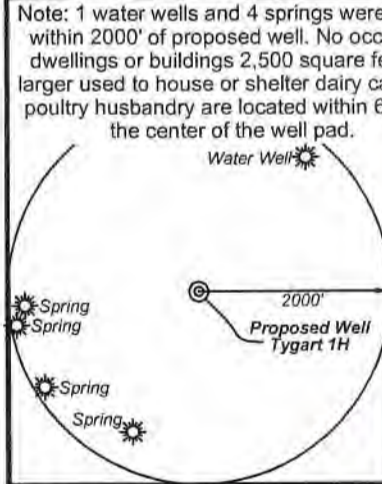
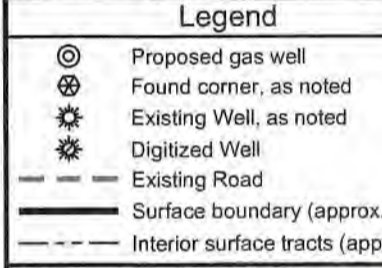
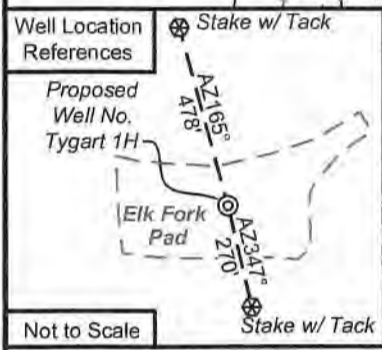
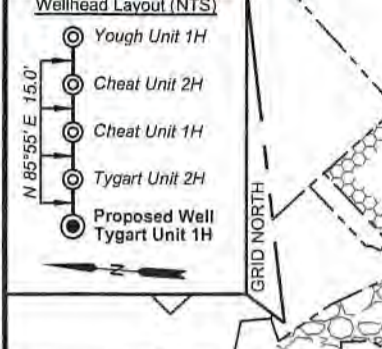


Antero Resources
Well No. Tygart 1H



Leases

A	Patricia Ann Heintzman
B	Norma Smith
C	Patricia Ann Heintzman
D	John E. Roberts
E	Dennis R. Heintzman, et ux
F	Michael Mercer, et ux
G	Richard A. Mercer
H	BRC Appalachian Minerals I, LLC
I	Elizabeth B. Trosch

10,552' to Top Hole

1,117' to Bottom Hole

TOP HOLE LATITUDE 39 - 32 - 30
BTM HOLE LATITUDE 39 - 35 - 00

Notes
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Well No. Tygart's Unit 1H Top Hole coordinates are
N: 382,179.36' Longitude: 80°32'28.35"
E: 1,613,436.14' Longitude: 80°52'14.70"
Bottom Hole coordinates are
N: 383,562.42' Longitude: 80°52'44.26"
E: 1,611,141.41' Longitude: 80°52'44.26"
UTM Zone 17, NAD 1983
Top Hole Coordinates: Bottom Hole Coordinates
N: 4,376,854.552m N: 4,377,264.220m
E: 511,121.088m E: 510,414.965m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

Notes:
Well No. Tygart Unit 1H
UTM Zone 17, NAD 1927
Top Hole Coordinates
N: 14,359,015.85'
E: 1,676,855.20'
Point of Entry Coordinates
N: 14,359,287.83'
E: 1,674,907.10'
Bottom Hole Coordinates
N: 14,360,359.95'
E: 1,674,538.49'

	Bearing	Dist.
L1	S 62°40' E	1,388.8'
L2	N 03°11' E	1,288.7'
L3	N 60°23' E	502.2'
L4	N 88°43' E	654.8'
L5	N 81°06' W	1,967.7'



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

ID	TM/Par	Owner	DB/PG	Acres
1	10-2	Patricia Ann Heintzman	W13 / 384	73.26
2	10-1	Patricia Ann Heintzman	150 / 15	48.50
3	10-64	John E Roberts	W30 / 108	100.00
4	6-40	Alan D. Wyke	W40 / 195	42.25
5	6-36	Dennis & Clista Heintzman	297 / 640	417.60
6	9-13	Richard A. Mercer	321 / 197	16.00
7	6-41	Donald E. Forrester	125 / 421	20.05
8	6-39	Donald E. Forrester	242/39	30.00
9	6-35	Donald E. Forrester	343 / 381	25.75
10	6-35.1	Stephen & Andrea Knowlton	289 / 20	13.32
11	6-35.2	Stephen & Andrea Knowlton	224 / 77	29.02
12	6-35.4	Stephen & Andrea Knowlton	340 / 412	17.46

FILE NO: 82-54-E-19
DRAWING NO: Tygart 1H Well Plat
SCALE: 1" = 1000'
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 5 2020
OPERATOR'S WELL NO. Tygart 1H
API WELL NO **H&A**
47 - 095 - **02721**
STATE COUNTY PERMIT

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

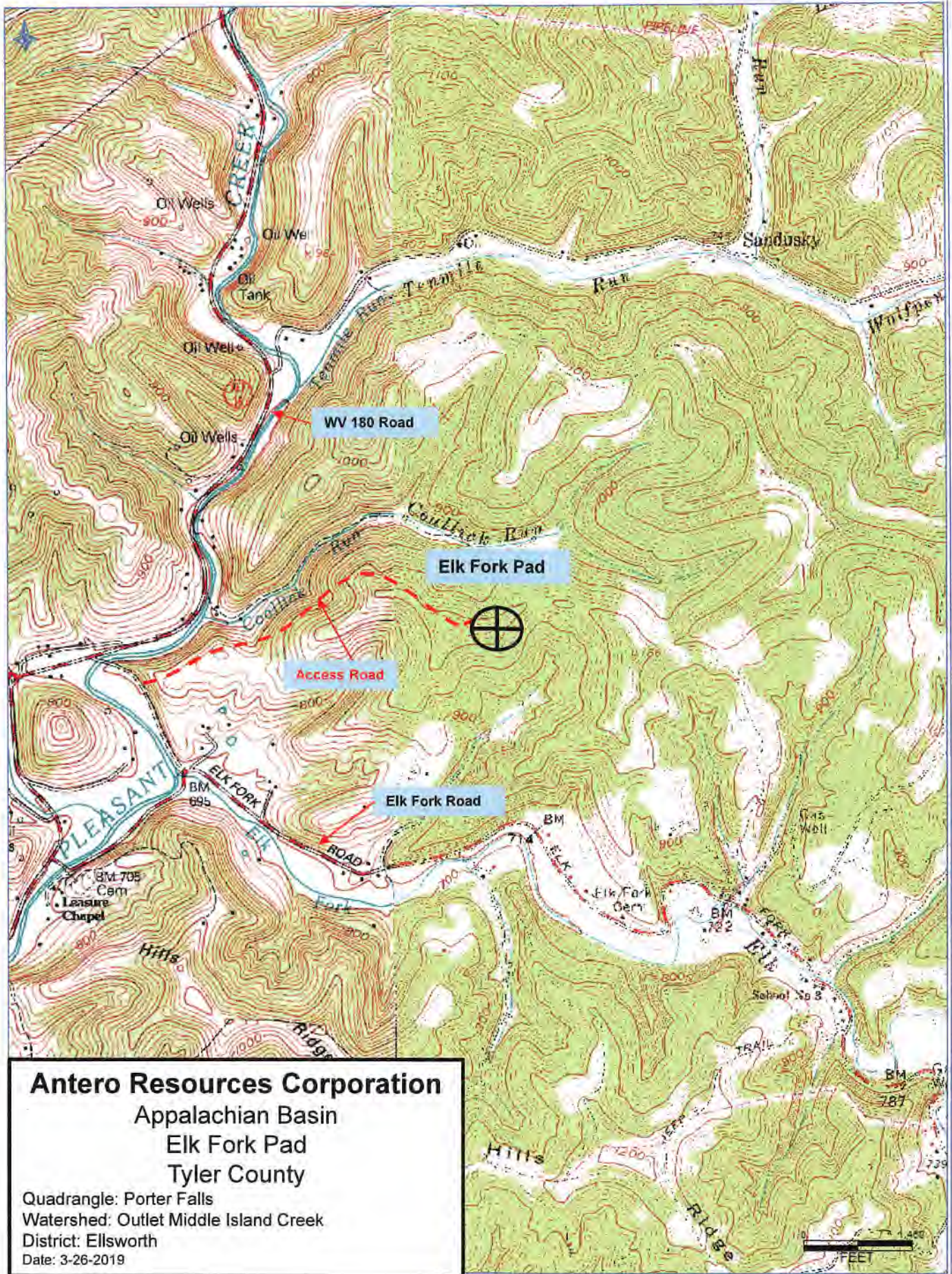
LOCATION: ELEVATION: As-Built 1,126' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Porters Falls
DISTRICT: Ellsworth COUNTY: Tyler

SURFACE OWNER: Patricia Ann Heintzman Richard A. Mercer; John E. Roberts; Michael Mercer, et ux; ACREAGE: 73.26 48.5; 100; 42.24; 16;
ROYALTY OWNER: Patricia Ann Heintzman (2); Norma Smith; Dennis R. Heintzman, et ux; LEASE NO: ACREAGE: 76.25; 33.8125;

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

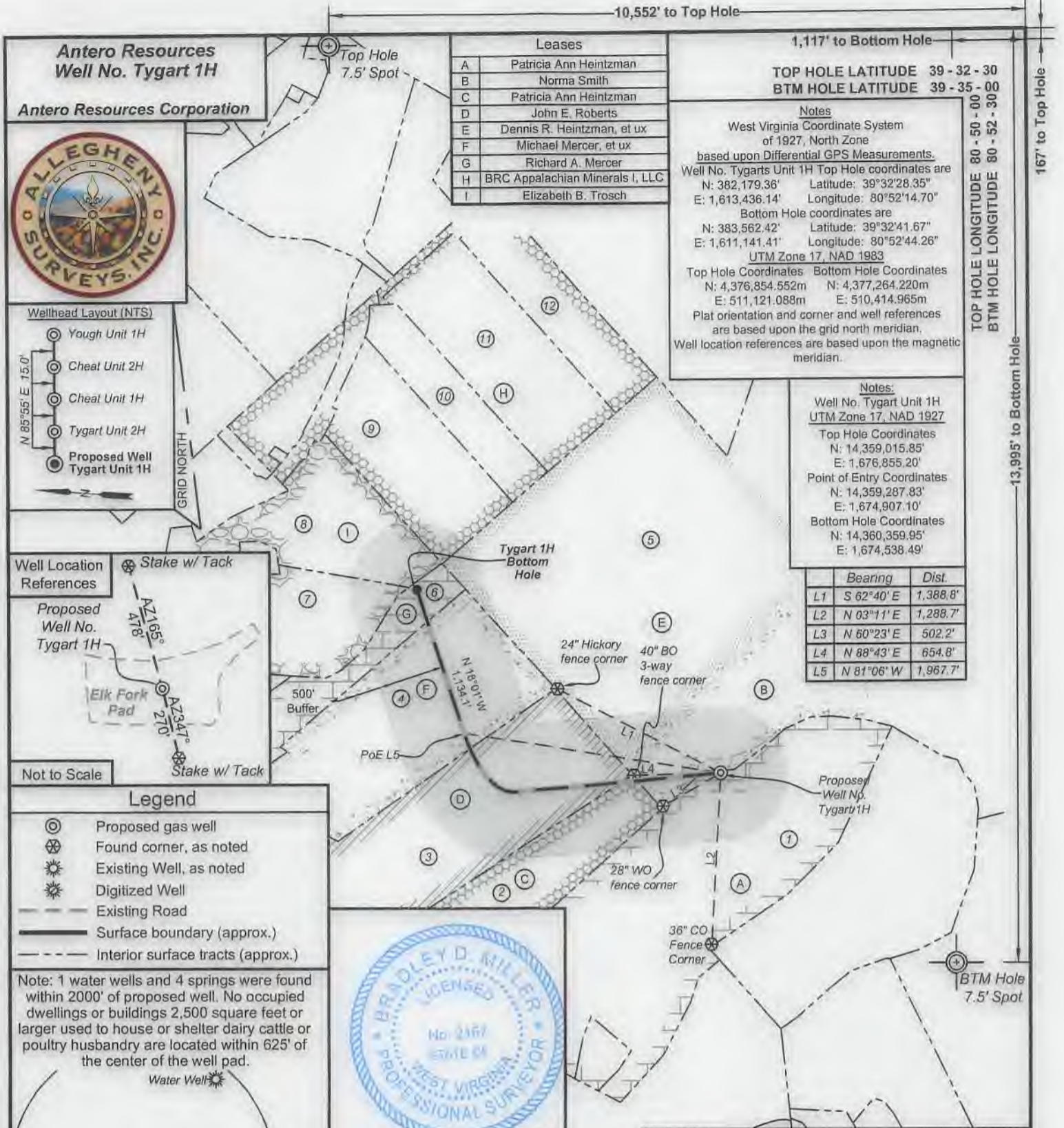
PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 11,000' MD 7,000' TVD

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 Corporation
Appalachian Basin
Elk Fork Pad
Tyler County

Quadrangle: Porter Falls
Watershed: Outlet Middle Island Creek
District: Ellsworth
Date: 3-26-2019



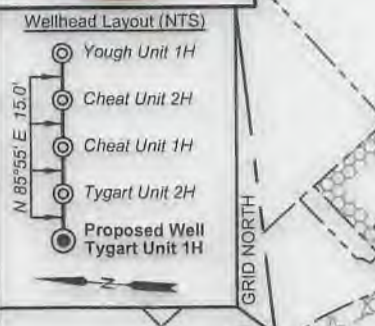
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1,117' to Bottom Hole

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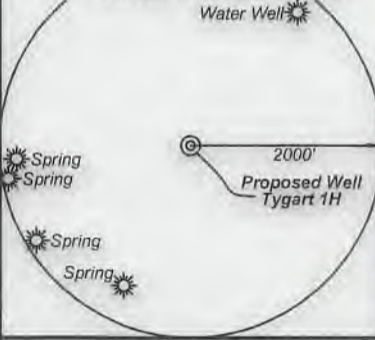
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Antero Resources
Well No. Tygart 1H
Antero Resources Corporation



- Legend**
- Proposed gas well
 - Found corner, as noted
 - Existing Well, as noted
 - Digitized Well
 - Existing Road
 - Surface boundary (approx.)
 - Interior surface tracts (approx.)

Note: 1 water wells and 4 springs 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.



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

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 Submeter
 PROVEN SOURCE OF ELEVATION:
 WVDOT, Harrisville, WV

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

DATE: November 5 2020
 OPERATOR'S WELL NO. Tygart 1H
 API WELL NO **H44**
 47 - 095 - 02721
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built 1,126' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Porters Falls
 DISTRICT: Ellsworth COUNTY: Tyler

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