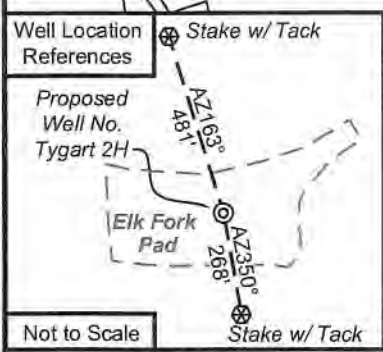
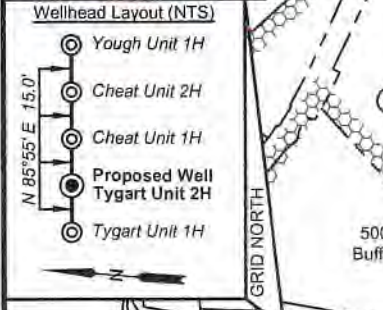
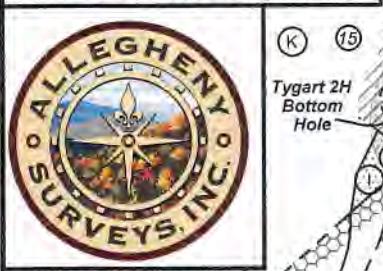
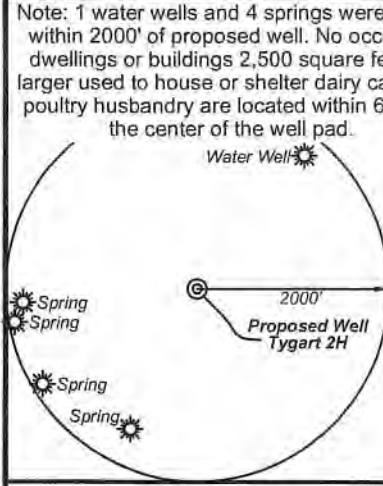


Antero Resources
Well No. Tygart 2H



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



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	Trio Petroleum
J	James D. VanCamp, et al
K	Kerry Lemasters, et ux

1,088' 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 2H Top Hole coordinates are N: 382,180.43' Latitude: 39°32'28.37" E: 1,613,451.10' Longitude: 80°52'14.51" Bottom Hole coordinates are N: 386,063.92' Latitude: 39°33'06.41" E: 1,611,208.96' Longitude: 80°52'43.89" UTM Zone 17, NAD 1983
Top Hole Coordinates N: 4,376,854.954m E: 511,125.640m
Bottom Hole Coordinates N: 4,378,026.664m E: 510,422.845m
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 2H UTM Zone 17, NAD 1927
Top Hole Coordinates N: 14,359,017.17' E: 1,676,870.13'
Point of Entry Coordinates N: 14,358,904.06' E: 1,675,915.76'
Bottom Hole Coordinates N: 14,362,861.38' E: 1,674,564.26'

	Bearing	Dist.
L1	S 62°59' E	1,401.7'
L2	N 03°51' E	1,290.7'
L3	N 61°06' E	515.8'
L4	N 88°39' E	669.8'
L5	N 84°12' W	961.4'

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	6-35	Donald E. Forrester	343 / 381	25.75
8	6-35.1	Stephen & Andrea Knowlton	289 / 20	13.32
9	6-35.2	Stephen & Andrea Knowlton	224 / 77	29.02
10	6-35.4	Stephen & Andrea Knowlton	340 / 412	17.46
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12	6-23.2	Larry R. Henthorn	584 / 138	1.27
13	6-16.2	Stephen J. & Andrea Knowlton	211 / 375	13.30
14	6-16.3	Michael L. Roberts	407 / 45	14.81
15	6-16	Kerry & Barbara Lemasters	215 / 548	33.76



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

FILE NO: 82-54-E-19
DRAWING NO: Tygart 2H 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 2H
API WELL NO. HUA
47 - 095 - 02722
STATE COUNTY PERMIT

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

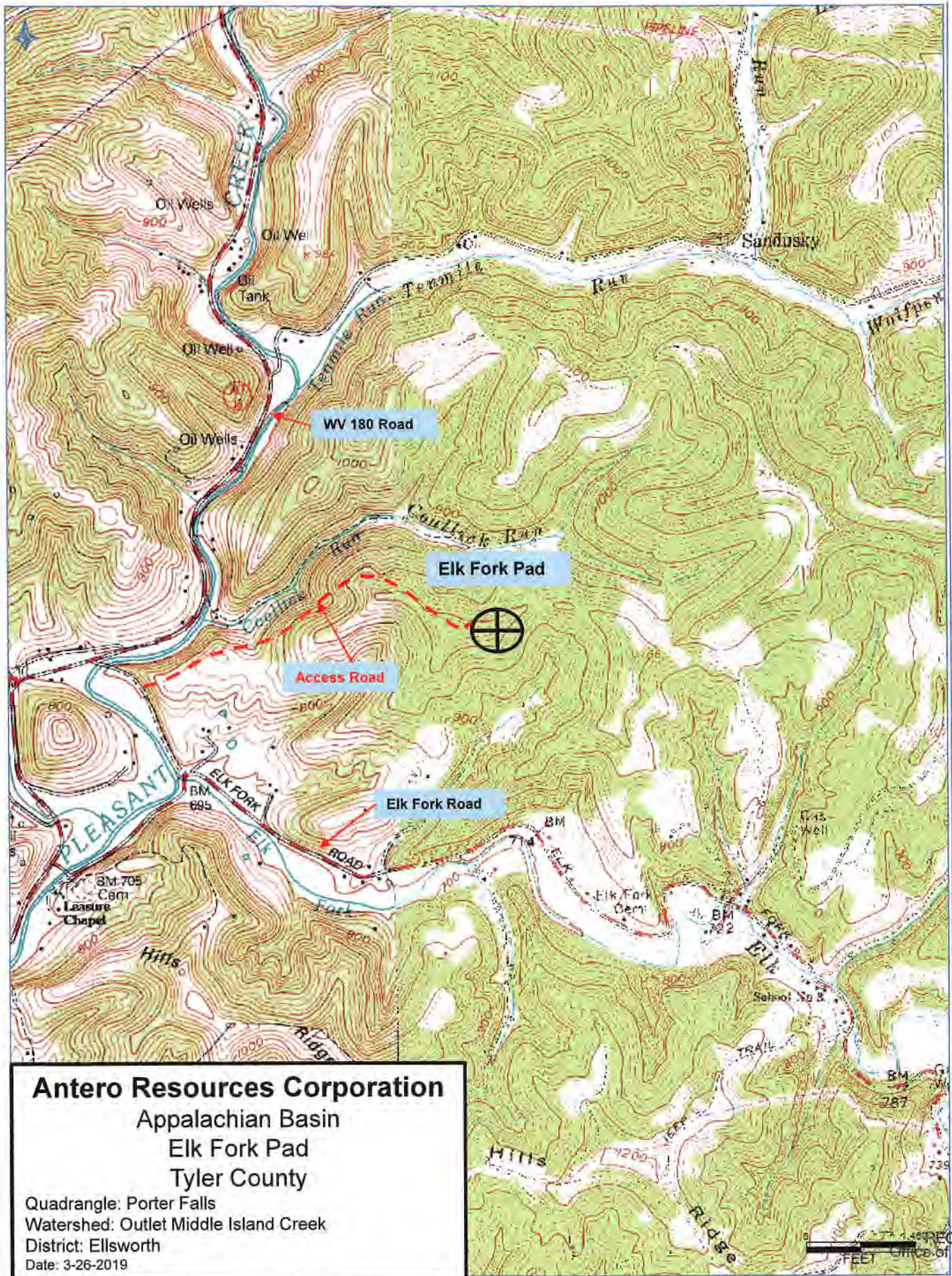
LOCATION: ELEVATION: As-Built 1,126' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Porters Falls
DISTRICT: Ellsworth COUNTY: Tyler

SURFACE OWNER: Patricia Ann Heintzman BRC Appalachian Minerals I, LLC; ACREAGE: 73.26 76.25; 48.5; 100;
ROYALTY OWNER: Patricia Ann Heintzman (2); John E. Roberts; Dennis R. Heintzman, et ux; LEASE NO: ACREAGE: 93.6985; 98.2

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: 7,000' TVD 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



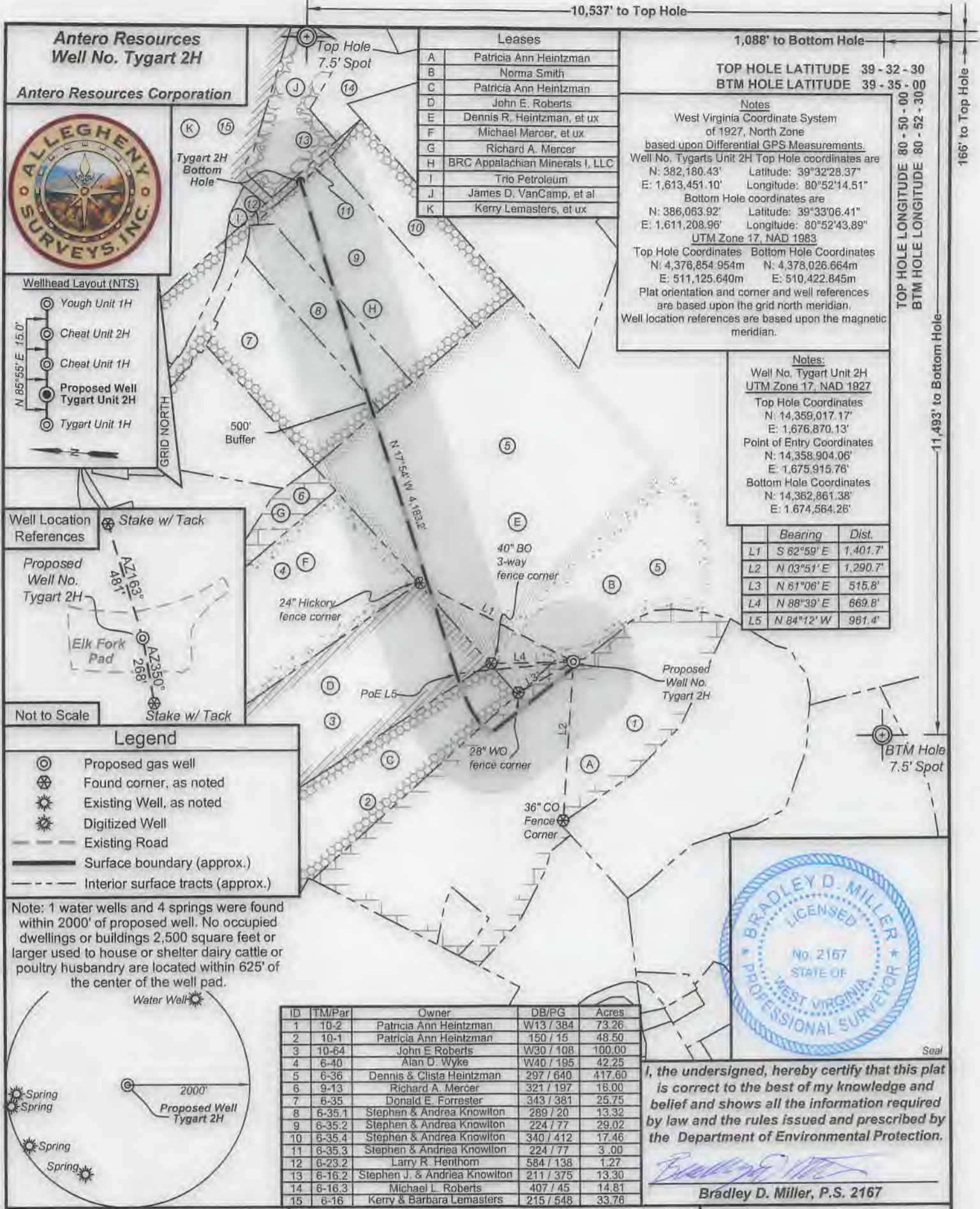
Antero Resources Corporation
 Appalachian Basin
 Elk Fork Pad
 Tyler County

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

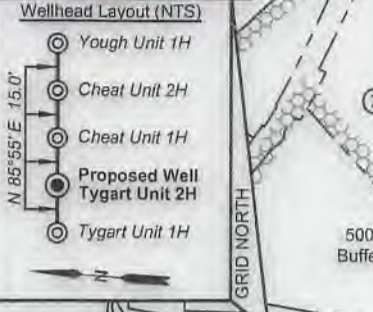
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NOV 12 2020

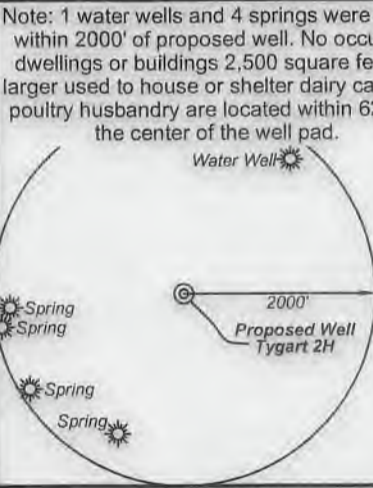
WV Department of
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Antero Resources
Well No. Tygart 2H



- Legend**
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API WELL NO 464
47 - 095 - 02723
STATE COUNTY PERMIT

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(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

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