

2,186' to Bottom Hole

672' to Top Hole
LATITUDE 39 - 30 - 00

LONGITUDE 80 - 55 - 00

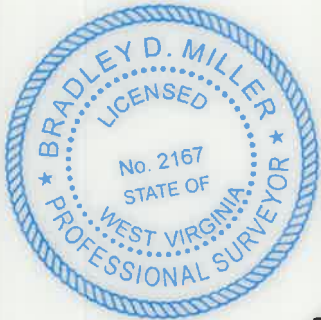
2,440' to Bottom Hole

10,065' to Top Hole

Antero Resources
Well No. Hennessy Unit 2H
As-Drilled
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



Lease
A WV Division of Natural Resources
B Thomas & Cynthia H. Hall
C Larry Steven & Diane Helmick
D Martha Jean Tucker
E Jack J. Mason
F Tyler County Commission
G Joseph J. Morris
H J.C. & Barbara Nuss
J Larry Allen Anderson
K Thomas J. Wagner
L Robert L. & Pamela L. Shaffer
M Robert L. & Pamela L. Shaffer

Bearing	Dist.
L1 N 58°53' W 2,644.5'	
L2 N 52°45' W 1,562.4'	
L3 N 86°56' E 1,891.5'	
L4 S 47°32' W 2,933.9'	

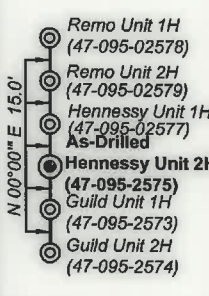
Notes:
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Hennessy Unit 2H
Top Hole coordinates are
N: 357,306.80' Latitude: 39°28'20.42"
E: 1,599,579.80' Longitude: 80°55'06.54"
Bottom Hole coordinates are
N: 364,932.45' Latitude: 39°29'35.54"
E: 1,598,065.79' Longitude: 80°55'27.39"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,369,206.395m N: 4,371,521.867m
E: 507,026.073m E: 506,526.038m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

ID	TM/Par	Owner	Bk/Pg	Acres
23	20/2	Anderson	282/506	68.05
22	14/40	Nuss	347/832	12.00
21	20/12.3	Nuss	366/467	0.19
20	20/16	Rymer	219/287	25.813
19	20/12.2	Shaffer	354/76	0.37
18	20/12	Steen	264/127	39.76
17	20/11	Shaffer	399/15	0.45
16	20/14	Morris	205/425	0.15
15	20/13	Ty.Co. Comm.	333/63	0.15
14	20/12.1	Nuss	411/206	0.75
13	20/15	Mason	388/834	0.37
12	20/36.1	Wagner	329/366	0.37
11	20/36	Tucker	8/210	0.45
10	20/39	Rymer	219/287	36.40
9	20/37.6	Vancamp	443/643	19.67
8	20/37.4	Thacker, et al	395/843	4.437
7	20/37	Thacker, et al	443/643	8.892
6	20/37.2	Wolf	362/386	4.56
5	20/83.6	Hall	WB40/335	30.034
4	20/37.3	Wolf	384/321	4.095
3	20/83.7	Helmick	400/592	30.353
2	20/98	Hennessy	247/7	74.231
1	20/83.1	Helmick	230/446	2.76

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

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.

Wellhead Layout (NTS)



FILE NO: 16-54-E-17
DRAWING NO: Hennessy 2H As-Drilled
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: May 8 2020
OPERATOR'S WELL NO: Hennessy Unit 2H
API WELL NO
47 - 095 - 02575
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built - 757.5' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Middlebourne
DISTRICT: Ellsworth COUNTY: Tyler 166.09063;
SURFACE OWNER: Antero Midstream, LLC ACREAGE: 203.59 0.29244; 0.15;
ROYALTY OWNER: West Virginia Division of Natural Resources; Hilda Steen; LEASE NO: 109.14; 39.757;
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 57.14; 61.71875;
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 13,970' MD 15.9; 99.413;

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

2,186' to Bottom Hole

672' to Top Hole
LATITUDE 39 - 30 - 00

LONGITUDE 80 - 55 - 00

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Antero Resources Well No. Hennessy Unit 2H As-Drilled

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Bradley D. Miller, P.S. 2167



SEAL



Lease	
A	WV Division of Natural Resources
B	Thomas & Cynthia H. Hall
C	Larry Steven & Diane Helmick
D	Martha Jean Tucker
E	Jack J. Mason
F	Tyler County Commission
G	Joseph J. Morris
H	J.C. & Barbara Nuss
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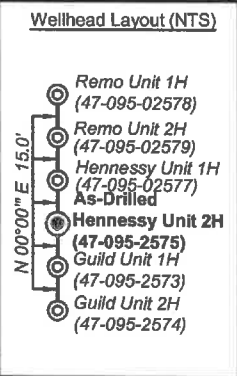
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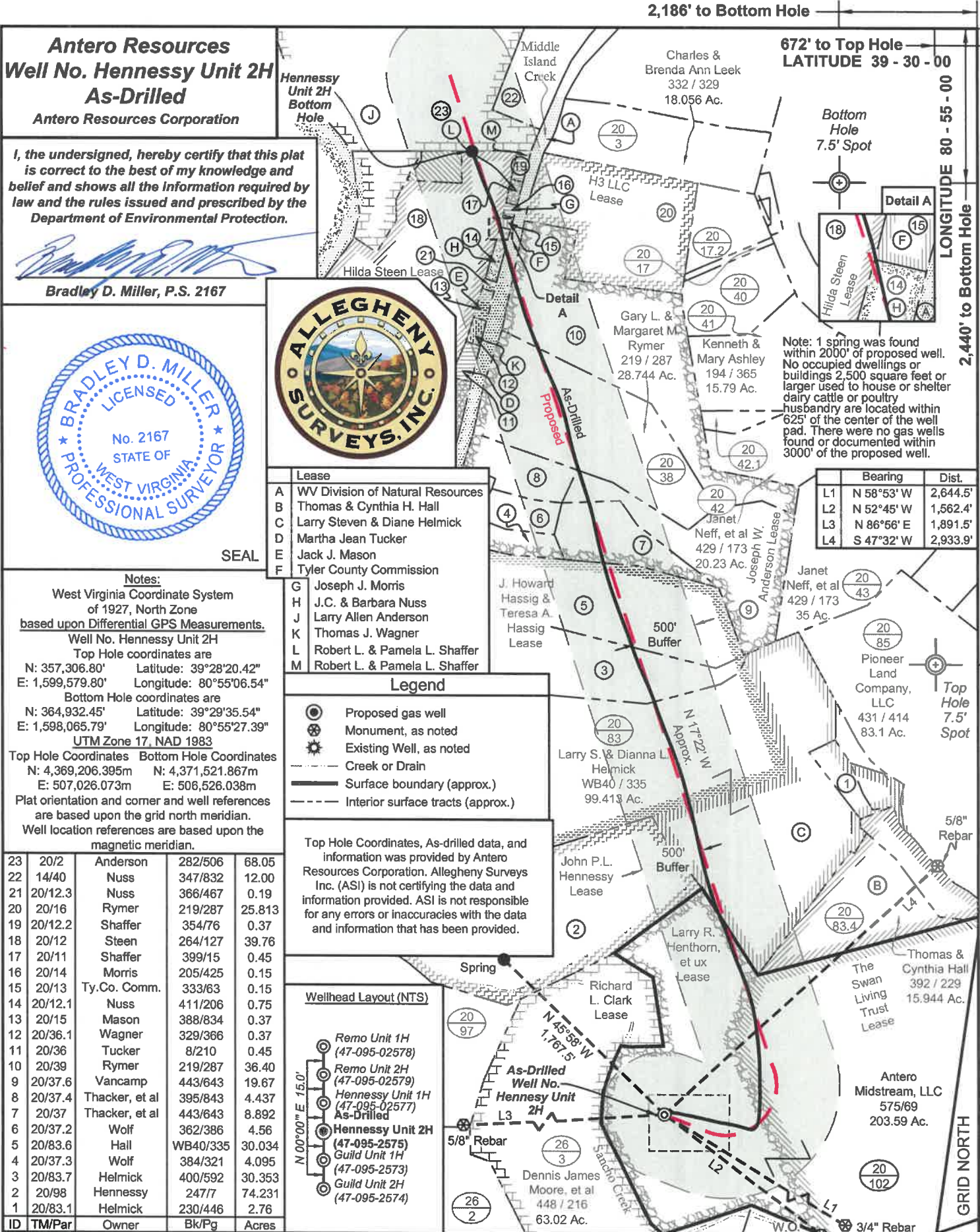
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ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road
Denver, CO 80202 Charleston, WV 25313



Note: 1 spring was 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. There were no gas wells found or documented within 3000' of the proposed well.

Bearing	Dist.
L1 N 58°53' W	2,644.5'
L2 N 52°45' W	1,562.4'
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