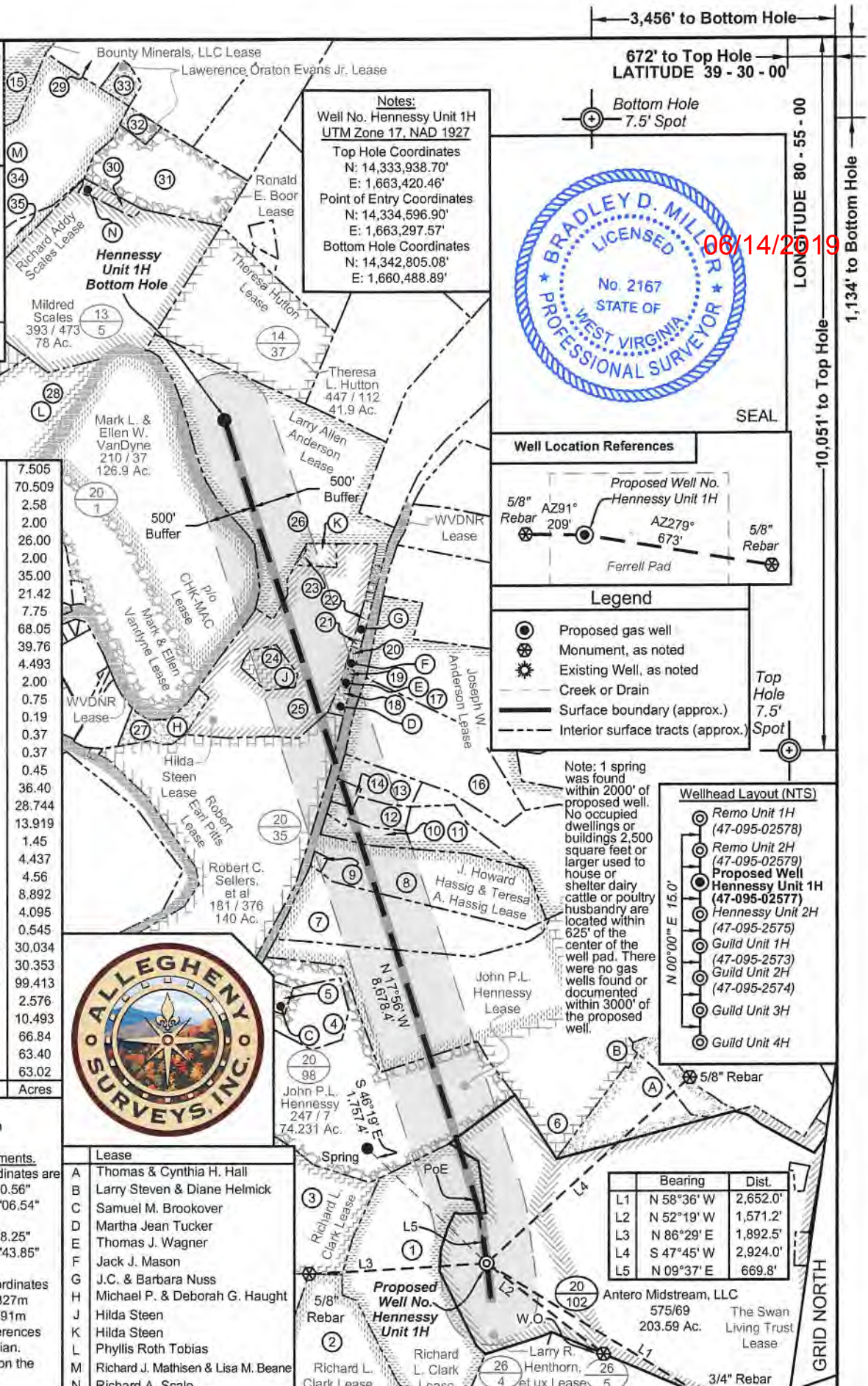


**Antero Resources Well
No. Hennessy Unit 1H**

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.

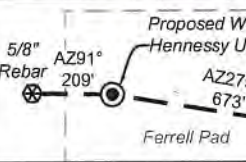
Bradley D. Miller
Bradley D. Miller, P.S. 2167



Notes:
Well No. Hennessy Unit 1H
UTM Zone 17, NAD 1927
Top Hole Coordinates
N: 14,333,938.70'
E: 1,663,420.46'
Point of Entry Coordinates
N: 14,334,596.90'
E: 1,663,297.57'
Bottom Hole Coordinates
N: 14,342,805.08'
E: 1,660,488.89'



Well Location References



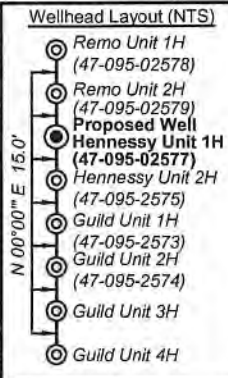
Legend

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

35	13/3.4	Carpenter	415/733	7.505
34	13/3.3	Mathisen	349/563	70.509
33	14/12	Evans	491/331	2.58
32	14/28	Evans	491/331	2.00
31	14/29	Boor Family Trust	478/280	26.00
30	13/5.1	Scales	342/553	2.00
29	13/2	Evans	113/6	35.00
28	13/6	Ball	387/671	21.42
27	20/34	Haught	344/268	7.75
26	20/2	Anderson	282/506	68.05
25	20/12	Steen	264/127	39.76
24	20/12.4	Keller	282/435	4.493
23	20/12.5	Haught	343/731	2.00
22	20/12.1	Nuss	411/206	0.75
21	20/12.3	Nuss	366/467	0.19
20	20/15	Mason	388/834	0.37
19	20/36.1	Wagner	329/366	0.37
18	20/36	Tucker	8/210	0.45
17	20/39	Rymer	219/287	36.40
16	20/38	Rymer	219/287	28.744
15	13/3.1	Owens	350/388	13.919
14	20/37.1	Moore	360/656	1.45
13	20/37.4	Thacker, et al	395/843	4.437
12	20/37.2	Wolf	362/386	4.56
11	20/37	Thacker, et al	443/643	8.892
10	20/37.3	Wolf	384/321	4.095
9	20/83.2	Helmick	311/390	0.545
8	20/83.6	Hall	WB40/335	30,034
7	20/83.7	Helmick	400/592	30.353
6	20/83	Helmick	WB40/335	99.413
5	20/98.1	Brookover	353/386	2.576
4	20/98.2	Price	417/303	10.493
3	20/97	Moore	314/699	66.84
2	26/2	Moore	314/701	63.40
1	26/3	Moore, et al	448/216	63.02
ID	TM/Par	Owner	Bk/Pg	Acres



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°36' W	2,652.0'
L2 N 52°19' W	1,571.2'
L3 N 86°29' E	1,892.5'
L4 S 47°45' W	2,924.0'
L5 N 09°37' E	669.8'

Notes:
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Hennessy Unit 1H Top Hole coordinates are
N: 357,321.47' Latitude: 39°28'20.56"
E: 1,599,579.92' Longitude: 80°55'06.54"
Bottom Hole coordinates are
N: 366,238.62' Latitude: 39°29'48.25"
E: 1,596,795.81' Longitude: 80°55'43.85"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,369,210.865m N: 4,371,913.327m
E: 507,026.035m E: 506,132.491m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

Lease
A Thomas & Cynthia H. Hall
B Larry Steven & Diane Helmick
C Samuel M. Brookover
D Martha Jean Tucker
E Thomas J. Wagner
F Jack J. Mason
G J.C. & Barbara Nuss
H Michael P. & Deborah G. Haught
J Hilda Steen
K Hilda Steen
L Phyllis Roth Tobias
M Richard J. Mathisen & Lisa M. Beane
N Richard A. Scale

FILE NO: 16-54-E-17
DRAWING NO: Hennessy 1H Well Plat
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: May 13 20 19
OPERATOR'S WELL NO. Hennessy Unit 1H
API WELL NO
47 - 095 - 02577
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: As-Built 757' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Middlebourne-SHL Paden City-BHL
DISTRICT: Ellsworth COUNTY: Tyler
SURFACE OWNER: Antero Midstream, LLC Robert Earl Pitts; Larry R. Henthorn, et ux; John P.L. Hennessy; J. Howard Hassig & Teresa A. Hassig; Joseph W. Anderson; ACREAGE: 203.59
ROYALTY OWNER: West Virginia Division of Natural Resources; Richard L. Clark; Hilda Steen LEASE NO: ACREAGE: 109.14; 99.413
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL Mod
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 6,500' TVD 16,400' 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