

Antero Resources
Well No. Phaeton 1H
BHL MOD
 Antero Resources Corporation

Page 1 of 2 47-095-0814



Notes
 West Virginia Coordinate System of 1927, North Zone
 based upon Differential GPS Measurements.
 Well No. Phaeton Unit 1H Top Hole coordinates are
 N: 365,215.36' Latitude: 39°29'38.92"
 E: 1,589,110.14' Longitude: 80°57'21.67"
 Bottom Hole coordinates are
 N: 381,930.77' Latitude: 39°32'21.17"
 E: 1,583,286.86' Longitude: 80°58'39.45"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,371,562.437m N: 4,376,625.216m
 E: 503,796.236m E: 501,937.235m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.

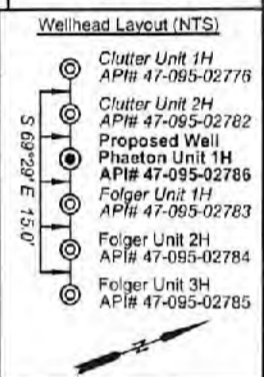
TOP HOLE LATITUDE 39 - 30 - 00
 BTM HOLE LATITUDE 39 - 32 - 30
 TOP HOLE LONGITUDE 80 - 55 - 00
 BTM HOLE LONGITUDE 80 - 57 - 30
 894' to Bottom Hole
 2,335' to Top Hole



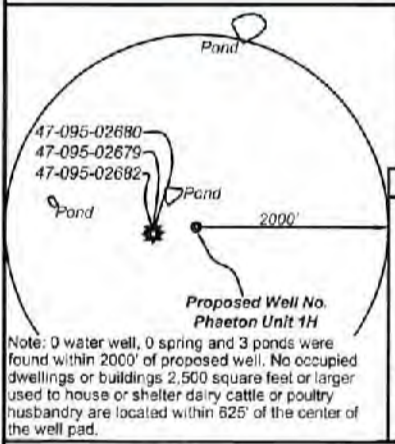
I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

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

Notes:
 Well No. Phaeton Unit 1H
 UTM Zone 17, NAD 1927
 Top Hole Coordinates
 N: 14,341,654.07'
 E: 1,652,824.00'
 Point of Entry Coordinates
 N: 14,341,586.57'
 E: 1,652,462.60'
 Bottom Hole Coordinates
 N: 14,358,264.22'
 E: 1,646,724.56'



	Bearing	Dist.
L1	S 09°27' E	882.1'
L2	N 44°43' E	1,109.0'
L3	N 67°26' E	1,163.1'
L4	N 71°29' E	1,854.4'
L5	S 77°21' W	372.0'



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

FILE NO: 294-54-E-18
 DRAWING NO: Phaeton Unit 1H Well Plat
 SCALE: 1" = 2000'
 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 18 2022
 OPERATOR'S WELL NO. Phaeton Unit 1H
 API WELL NO. **BHL MOD**
 47 - 095 - 02786
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built 860' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Top Hole: Middlebourne; Btm Hole: Paden City
 DISTRICT: Union, Lincoln COUNTY: Tyler **06/24/2022**

SURFACE OWNER: Eldon J. & Ruth A. Helman William P. Ingram; William J. Goodfellow, et ux (2); Erik D. Grimm; Richard Keith McCollum; Charles M. Jr. & Crystal R. Young; Myrtle Liva Tucker; Mary Ann Devine; David S. Clough; Alan B. Clough, et ux; Karen Moore Hwllka;
 ACREAGE: 61.83 34.3; 406.69; 78.49; 18.30; 25.0; 58.06; 100; 38.65; 48.55;

ROYALTY OWNER: Eldon J. & Ruth A. Helman; Carol J. Cox; Norma R. Spencer; WVDNR. LEASE NO: ACREAGE: 62.5; 84.3; 86.607

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: 6,400' TVD 25,000' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System
 ADDRESS: 1815 Wynkoop Street ADDRESS: 5400 D Big Tyler Road
 Denver, CO 80202 Charleston, WV 25313



ID	TM/Par	Owner	Bk/Pg	Acres
1	19-1	Eldon J. & Ruth A. Helman	383/761	61.83
2	19-42	Carol J. Cox	334/298	142.00
3	13-10	Eldon J. & Ruth A. Helman	383/761	96.82
4	6-1,1	Eldon J. & Ruth A. Helman	383/761	21.00
5	15-19	Bennie H. & Karen Kile	263/40	1.00
6	15-18	B.F. Kila	174/412	70.00
7	6-1	Eldon J. & Ruth A. Helman	383/761	169.00
8	15-12	Roger & Claudia Weekly	317/317	7.66
9	15-10	Doris E. Haught	364/544	55.71
10	15-10,2	April A. & Christopher D. Ramsey	364/541	4.67
11	6-6,9	David S. Clough	351/712	24.54
12	6-6,8	Alan B. & Traci L. Clough	354/306	18.30
13	6-6,6	Richard Keith McCollum	362/348	25.05
14	6-6,5	Crystal R. & Charles M. Young, Jr.	345/211	25.65
15	15-4	Ivan W. & Karen L. Makely	337/639	41.29
16	6-6,4	Crystal R. & Charles M. Young, Jr.	368/773	25.35
17	15-2	Stephen E. Surface, et al	385/302	54.00
18	15-1	S.P. & Otto Woodburn Estate	97/423	33.74
19	12-55	John A. & Matthew J. May	432/101	25.00
20	12-55,1	Nathaniel V. & Tameka Frum	428/604	75.00
21	12-49	Estella J. & William J. Goodfellow, Jr.	286/20	38.65
22	12-50	William P. Ingram	605/159	88.00
23	12-43	Estella J. & William J. Goodfellow, Jr.	178/489	43.18
24	12-46	Keith V. & Barbara L. Frum	280/358	40.89
25	12-47	Estella & William J. Goodfellow, Jr.	166/356	3.46
26	12-48,1	Estella & William J. Goodfellow, Jr.	333/223	1.91
27	12-48	William Michael & Mary Ann Wells	314/416	34.62
28	12-44	William P. Ingram	455/477	62.50
29	12-22	William & Joanne Ingram	140/502	84.30
30	12-21	Keith V. & Barbara L. Frum	280/358	77.30
31	11-10	James Arthur & Dorothy J. Shreves	183/420	128.55
32	7-40	Brett Grimm, et al	342/538	86.60

Leases	
A	Eldon J. & Ruth A. Helman
B	Carol J. Cox
C	Ruth H. Wells
D	Norma R. Spencer
E	WVDNR
F	Mary Ann Devine
G	Benjamin Michael Kile
H	David S. Clough
I	Alan B. Clough, et ux
J	Richard Keith McCollum
K	Charles M. Jr. & Crystal R. Young
L	Flora Patterson Woodburn
M	Karen Moore Hwilka
N	William J. Goodfellow, et ux
O	William J. Goodfellow, et ux
P	William P. Ingram
Q	Keith V. Frum, et ux
R	William Michael Wells, et ux
S	Myrtle Liva Tucker
T	William P. Ingram
U	William P. Ingram
V	James Arthur Shreves, et ux
W	Erik D. Grimm

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Ellsworth, Union, Lincoln Outlet Top Hole: Middleboure
 DISTRICT: Union, Lincoln COUNTY: Tyler
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