

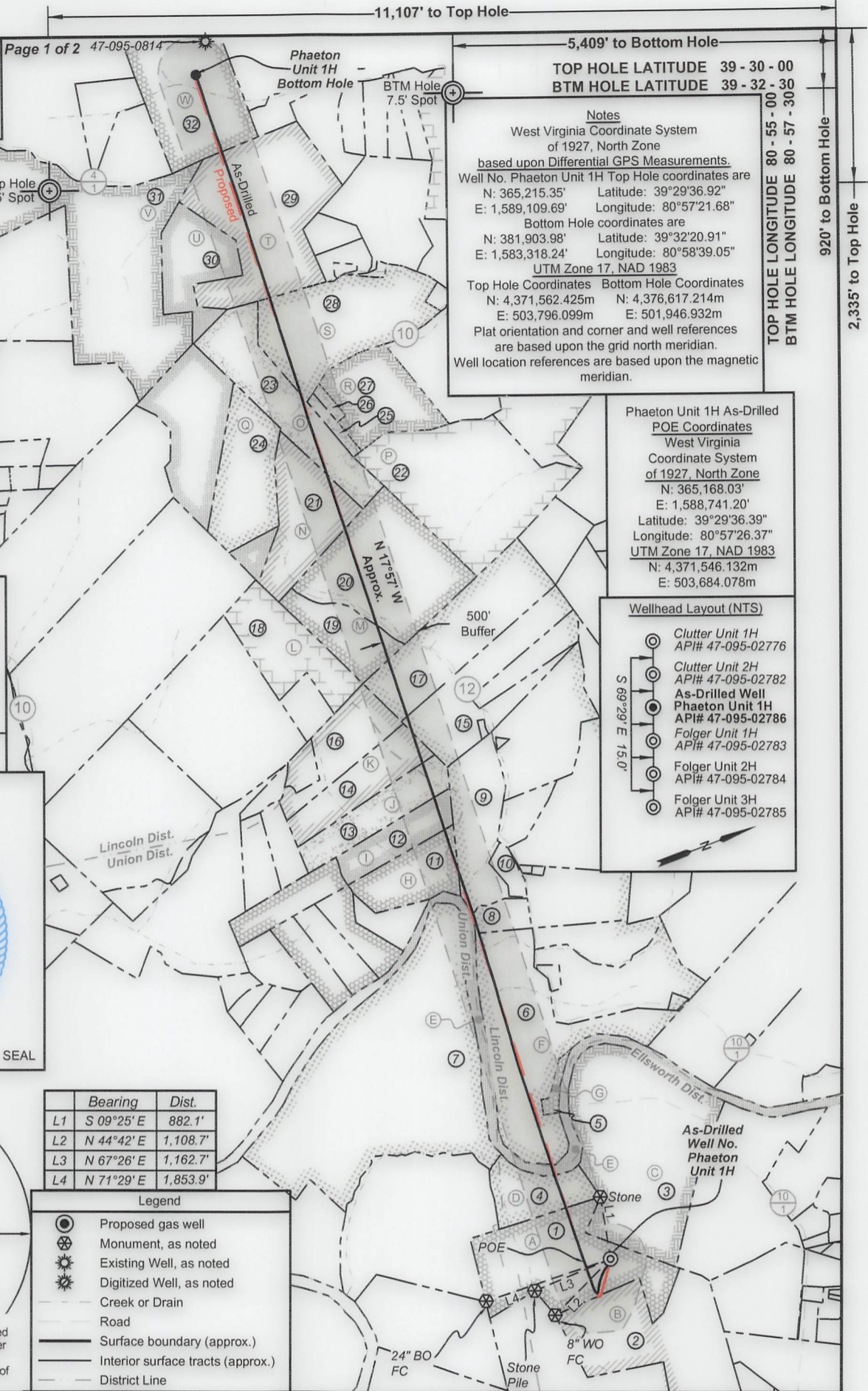
**Antero Resources**  
**Well No. Phaeton 1H**  
**As-Drilled**  
 Antero Resources Corporation



Top Hole Coordinates, As-drilled data, and information was provided by Antero Resources Corporation. Allegany 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.

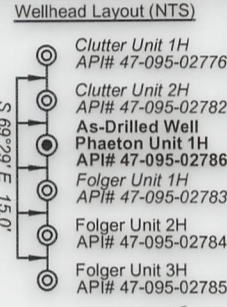
I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

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



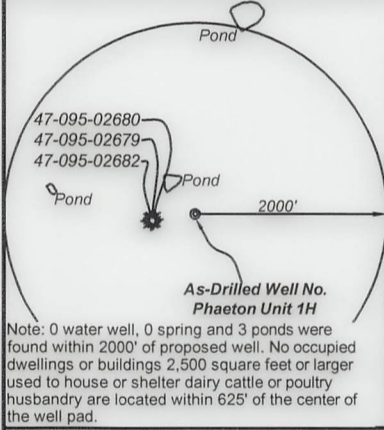
**Notes**  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Well No. Phaeton Unit 1H Top Hole coordinates are  
 N: 365,215.35' Latitude: 39°29'36.92"  
 E: 1,589,109.69' Longitude: 80°57'21.68"  
 Bottom Hole coordinates are  
 N: 381,903.98' Latitude: 39°32'20.91"  
 E: 1,583,318.24' Longitude: 80°58'39.05"  
 UTM Zone 17, NAD 1983  
 Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,371,562.425m N: 4,376,617.214m  
 E: 503,796.099m E: 501,946.932m  
 Plat orientation and corner and well references are based upon the grid north meridian.  
 Well location references are based upon the magnetic meridian.

**Phaeton Unit 1H As-Drilled POE Coordinates**  
 West Virginia Coordinate System of 1927, North Zone  
 N: 365,168.03'  
 E: 1,588,741.20'  
 Latitude: 39°29'36.39"  
 Longitude: 80°57'26.37"  
 UTM Zone 17, NAD 1983  
 N: 4,371,546.132m  
 E: 503,684.078m



	Bearing	Dist.
L1	S 09°25' E	882.1'
L2	N 44°42' E	1,108.7'
L3	N 67°26' E	1,162.7'
L4	N 71°29' E	1,853.9'

- 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 As-Drilled  
 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: February 22 2023  
 OPERATOR'S WELL NO. Phaeton Unit 1H  
**API WELL NO**  
47 — 095 — 02786  
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built 880' WATERSHED: Middle Island Creek QUADRANGLE: Btm Hole: Paden City  
 DISTRICT: Union, Lincoln Outlet: Middle Island Creek Top Hole: Middlebourne  
 SURFACE OWNER: Ruth A. Helman COUNTY: Tyler 61.83; 190; 34.3; 406.69; 78.49;  
 ROYALTY OWNER: Eldon J. & Ruth A. Helman; Norma R. Spencer; WVDNR; William P. Ingram; William J. Goodfellow, et ux (2); Erik D. Grimm; ACREAGE: 61.83 18.30; 25.05; 56.06; 100; 38.65; 48.55;  
 PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled LEASE NO: \_\_\_\_\_ ACREAGE: 62.5; 84.3; 86.607  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 5,981' TVD  
23,949' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Kevin Ellis  
 ADDRESS: 1615 Wynkoop Street ADDRESS: 535 White Oaks Blvd.  
Denver, CO 80202 Bridgeport, WV 26330

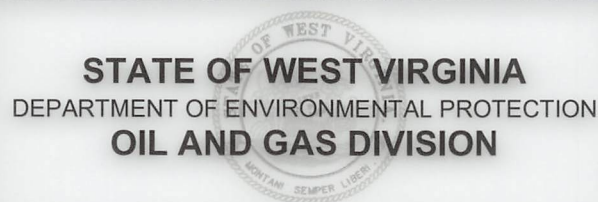




ID	TM/Par	Owner	Bk/Pg	Acres
1	19-1	Eldon J. & Ruth A. Helman	383/761	61.83
2	19-42	Carol J. Cox	334/298	142.00
3	13-10	Eldon J. & Ruth A. Helman	383/761	96.82
4	6-1.1	Eldon J. & Ruth A. Helman	383/761	21.00
5	15-19	Bennie H. & Karen Kile	263/40	1.00
6	15-18	B.F. Kile	174/412	70.00
7	6-1	Eldon J. & Ruth 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	365/302	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. & Tamela 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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