

11,591' to Top Hole

1,919' to Bottom Hole

Antero Resources
Well No. Phaeton 2H

Antero Resources Corporation



Legend

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

TOP HOLE LATITUDE 39 - 30 - 00
BTM HOLE LATITUDE 39 - 32 - 30

Notes
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements. Well No. Phaeton Unit 2H Top Hole coordinates are
N: 365,176.41' Longitude: 80°29'36.46"
E: 1,588,659.90' Longitude: 80°57'27.41"
Bottom Hole coordinates are
N: 370,319.13' Longitude: 80°30'26.99"
E: 1,586,823.15' Longitude: 80°57'51.90"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,371,548.271m N: 4,373,105.670m
E: 503,659.267m E: 503,073.557m
Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.

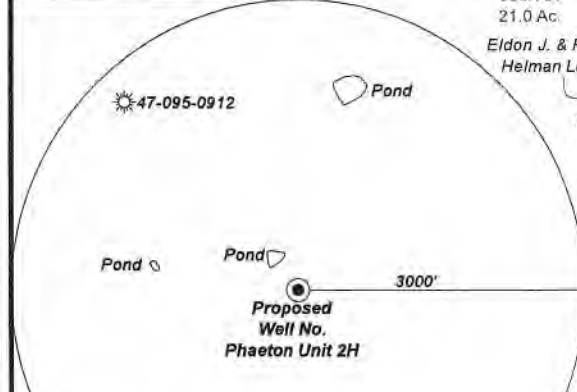
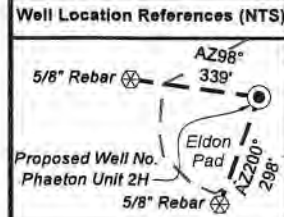
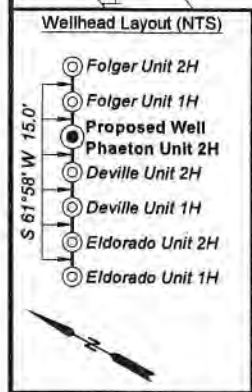
TOP HOLE LONGITUDE 80 - 55 - 00
BTM HOLE LONGITUDE 80 - 57 - 30

2,198' to Top Hole

12,416' to Bottom Hole

Notes:
Well No. Phaeton Unit 2H
UTM Zone 17, NAD 1927
Top Hole Coordinates
N: 14,341,607.61'
E: 1,652,374.63'
Point of Entry Coordinates
N: 14,341,528.07'
E: 1,652,340.78'
Bottom Hole Coordinates
N: 14,346,717.19'
E: 1,650,452.94'

	Bearing	Dist.
L1	N 23°46' E	818.6'
L2	N 56°51' E	745.1'
L3	N 67°12' E	1,419.0'
L4	S 18°34' W	959.1'
L5	S 24°01' W	86.5'



Note: It appears 0 water wells and 3 ponds were found within 2000' of proposed well. No occupied dwellings and no 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.



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: 294-54-U-18
DRAWING NO: Phaeton 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: January 3 20 20
OPERATOR'S WELL NO. Phaeton Unit 2H
API WELL NO. 474
47 - 095 - 02683
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
Proposed Elev. 880'
LOCATION: ELEVATION: Existing Elev. 882' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Top Hole: Middlebourne
DISTRICT: Ellsworth/Union/Lincoln COUNTY: Tyler
SURFACE OWNER: Eldon J. & Ruth A. Helman WV Division of Natural Resources; Norma R. Spencer, Trustee of the Allan P. Spencer Living Trust; ACREAGE: 61.83 190; 546.69; 142;
ROYALTY OWNER: Eldon J. & Ruth A. Helman; Norma Jean Elder Eaton; Carol J. Cox; LEASE NO: ACREAGE: 61.83; 34.3;
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: 6,500' TVD 12,800' 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