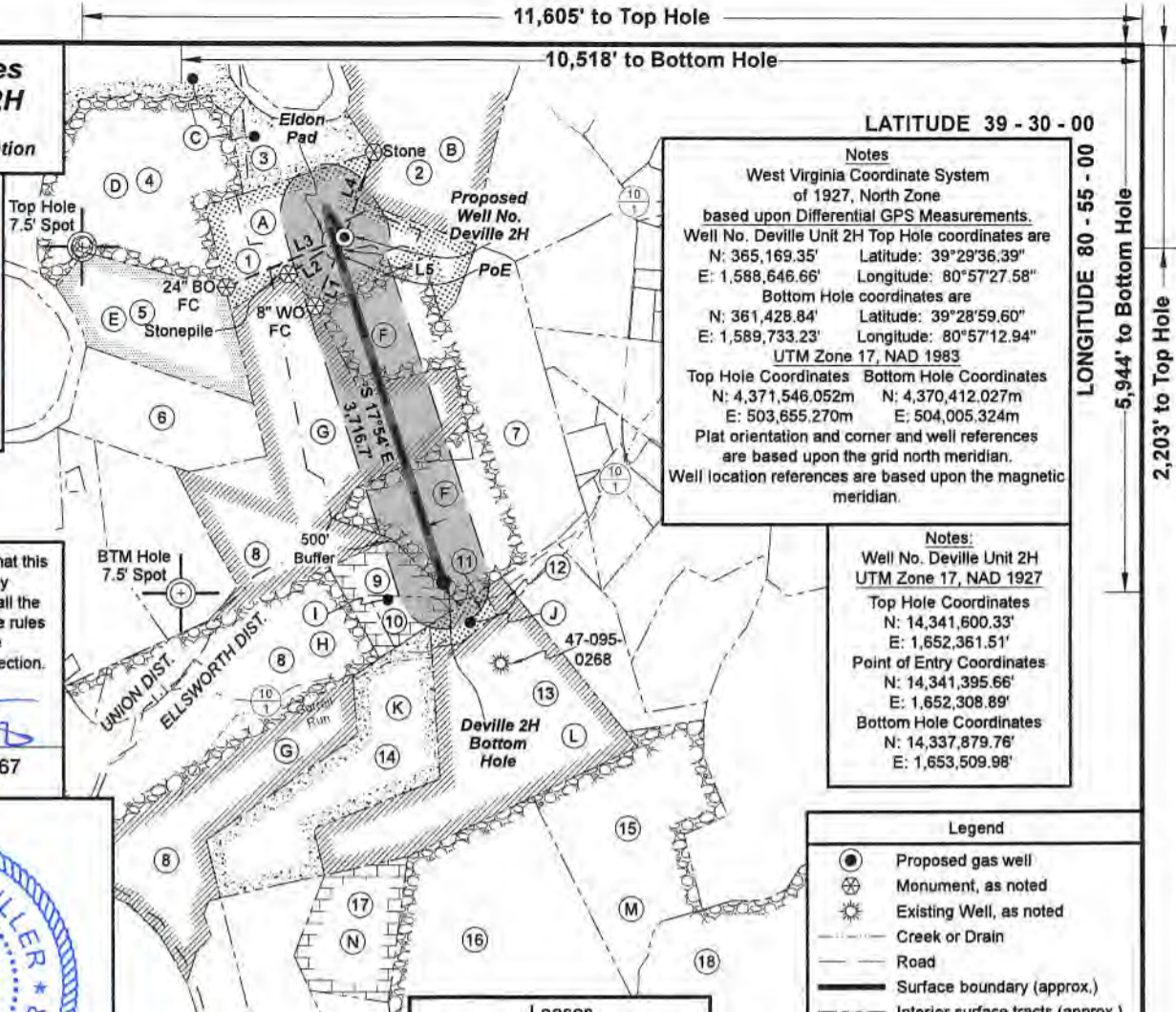


**Antero Resources
Well No. Deville 2H**

Antero Resources Corporation



Notes
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Deville Unit 2H Top Hole coordinates are
N: 365,169.35' Longitude: 80°57'27.58"
E: 1,588,646.66' Longitude: 80°57'12.94"
Bottom Hole coordinates are
N: 361,428.84' Longitude: 80°57'12.94"
E: 1,589,733.23' Longitude: 80°57'12.94"
UTM Zone 17, NAD 1983
Top Hole Coordinates N: 4,371,546.052m E: 503,655.270m
Bottom Hole Coordinates N: 4,370,412.027m E: 504,005.324m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

Notes:
Well No. Deville Unit 2H UTM Zone 17, NAD 1927
Top Hole Coordinates
N: 14,341,600.33' E: 1,652,361.51'
Point of Entry Coordinates
N: 14,341,395.66' E: 1,652,308.89'
Bottom Hole Coordinates
N: 14,337,879.76' E: 1,653,509.98'

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

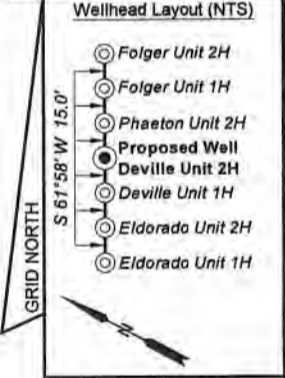
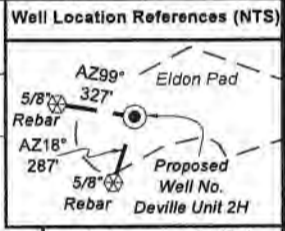


Legend

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

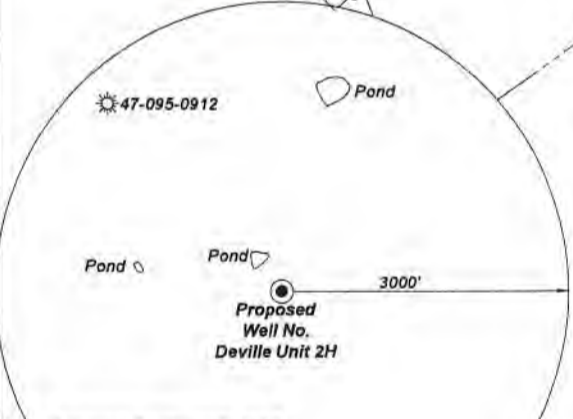
Leases

A	Eldon J. & Ruth A. Helman
B	Ruth H. Wells
C	Norma R. Spencer, Trustee of the Allan P. Spencer Living Trust
D	Gary C. & Maryjane Richards
E	Lora Keller Thomas
F	Carol J. Cox
G	Lora Keller Thomas
H	Charlotte A. Weise
I	Nancy J. & Jerry A. Haught
J	Randee Cox
K	Nancy Jo & Jerry Allen Haught
L	Raymond Cox
M	Roy D. Hadley
N	Lisa Norman, et vir



ID	TM/Par	Owner	Bk/Pg	Acres
1	19-1	Eldon J. & Ruth A. Helman	383/761	61.83
2	13-10	Eldon J. & Ruth A. Helman	383/761	96.82
3	6-1.1	Eldon J. & Ruth A. Helman	383/761	21.0
4	6-2	Eldon J. & Ruth A. Helman	383/761	83.13
5	10-1	Lora K. Thomas	175/19	53.0
6	10-2	Mary Elizabeth Potts, et al	126/444	50.0
7	19-42	Carol J. Cox	334/298	142.0
8	10-10	Lora K. Thomas	201/359	307.06
9	19-45	Ronald K. Taylor, et al	492/20	13.3
10	19-45.1	Keith Taylor, et al	323/708	6.7
11	19-44.2	Ronald H. & Joyce A. Eddy	352/17	5.384
12	19-44.1	Annette DiMattina	360/747	1.73
13	19-44	Randee Jack Cox	288/401	92.866
14	19-46	Judy Rine, et al	W29/643	60.0
15	19-51	Larry & Betsy Moore, et al	312/108	72
16	19-50	Larry & Betsy Moore, et al	312/108	116.04
17	19-49	W. Clint Maxwell Estate	W4/270	35.14
18	25-1	Deborah S. Reed	328/804	100.45

Bearing	Dist.
L1	N 23°07' E 806.9'
L2	N 56°45' E 730.1'
L3	N 67°15' E 1,404.1'
L4	S 19°11' W 970.1'
L5	S 15°23' W 211.4'



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.

FILE NO: 117-54-M-18
DRAWING NO: Deville 2H Short 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: January 3, 2020
OPERATOR'S WELL NO. Deville Unit 2H
API WELL NO. H6A
47 - 095 - 02680
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: Middlebourne
DISTRICT: Ellsworth COUNTY: Tyler
SURFACE OWNER: Eldon J. & Ruth A. Helman ACREAGE: 61.83
ROYALTY OWNER: Eldon J. & Ruth A. Helman; Carol J. Cox; Lora Keller Thomas; LEASE NO: 186.008; ACREAGE: 61.83; 142;
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: 6,600' TVD 11,100' 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