

11,618' to Top Hole

11,503' to Bottom Hole

LATITUDE 39 - 30 - 00

LONGITUDE 80 - 55 - 00

2,210' to Top Hole

**Antero Resources  
Well No. Deville 1H**

Antero Resources Corporation



Top Hole 7.5' Spot

24" BO FC PoE (L5)

BTM Hole 7.5' Spot

500' Buffer

GORRELL RUN

UNION DIST. ELLSWORTH DIST. MEADE DIST.

Stone

Stonepile

Proposed Well No. Deville 1H

Deville 1H Bottom Hole

47-095-0268

47-095-0912

Pond

Pond

Pond

3000'

Proposed Well No. Deville Unit 1H

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.

**Notes**  
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
Well No. Deville Unit 1H Top Hole coordinates are  
N: 365,162.31' Latitude: 39°29'36.32"  
E: 1,588,633.42' Longitude: 80°57'27.74"  
Bottom Hole coordinates are  
N: 361,776.40' Latitude: 39°29'02.88"  
E: 1,588,748.72' Longitude: 80°57'25.57"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates Bottom Hole Coordinates  
N: 4,371,543.840m N: 4,370,512.896m  
E: 503,651.272m E: 503,703.622m  
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 1H UTM Zone 17, NAD 1927  
Top Hole Coordinates  
N: 14,341,593.07'  
E: 1,652,348.40'  
Point of Entry Coordinates  
N: 14,341,122.21'  
E: 1,651,525.95'  
Bottom Hole Coordinates  
N: 14,338,210.72'  
E: 1,652,520.15'

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.

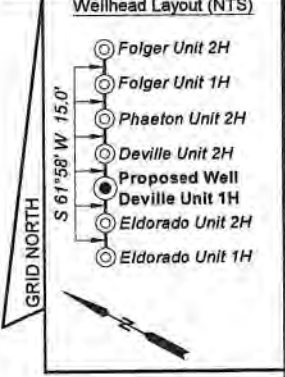
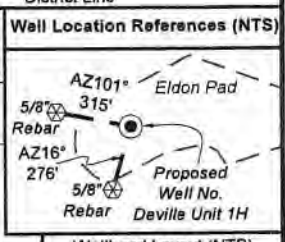
*Bradley D. Miller*  
Bradley D. Miller, P.S. 2167



SEAL

- 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 Rande 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	Rande Jack Cox	288/401	92.886
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 22°26' E	795.3'
L2	N 56°38' E	715.2'
L3	N 67°18' E	1,389.2'
L4	S 19°47' W	981.1'
L5	S 61°10' W	948.0'

FILE NO: 117-54-M-18  
DRAWING NO: Deville 1H 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 20 20  
OPERATOR'S WELL NO. Deville Unit 1H  
API WELL NO. HGA  
47 - 095 - 02679  
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/Union 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: ACREAGE: 186,008; 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) 6,600' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 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