

4,844' to Top Hole

LATITUDE 39 - 12 - 30

LONGITUDE 80 - 30 - 00

8,872' to Top Hole

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



Top Hole coordinates verified by survey grade GPS. As-drilled data and information was provided by Antero Resources Corporation. Allegheny 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.

**Notes:**  
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
Well No. Carpenter 1H coordinates are  
N: 250,750.41' Latitude: 39°11'02.32"  
E: 1,711,693.55' Longitude: 80°31'01.52"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates  
N: 4,337,314.159m  
E: 541,723.416m  
Plat orientation and corner and well references are based upon the grid north meridian.  
Well location references are based upon the magnetic meridian.

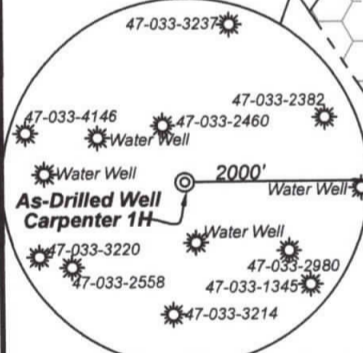
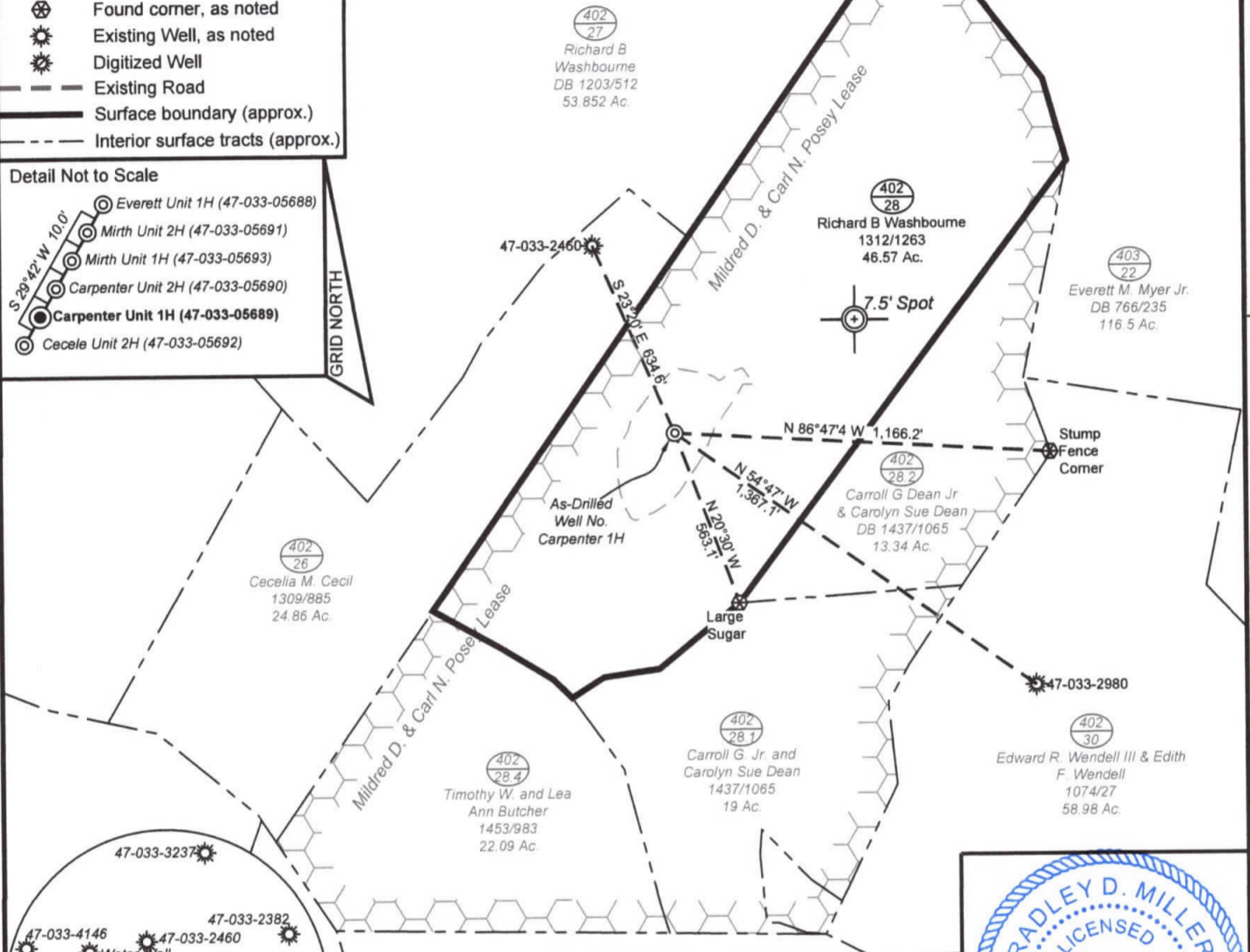
**Legend**

- ⊙ Proposed gas well
- ⊗ Found corner, as noted
- ☀ Existing Well, as noted
- ☀ Digitized Well
- Existing Road
- Surface boundary (approx.)
- - - Interior surface tracts (approx.)

**Detail Not to Scale**

- ⊙ Everett Unit 1H (47-033-05688)
- ⊙ Mirth Unit 2H (47-033-05691)
- ⊙ Mirth Unit 1H (47-033-05693)
- ⊙ Carpenter Unit 2H (47-033-05690)
- ⊙ Carpenter Unit 1H (47-033-05689)
- ⊙ Cacele Unit 2H (47-033-05692)

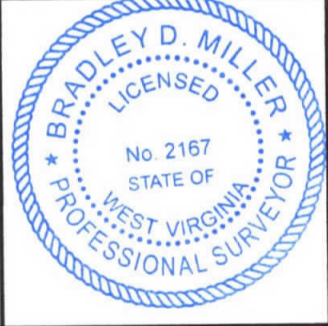
GRID NORTH



Note: 4 water wells were found within 2000' of proposed well. No occupied dwellings or 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: 186-36-U-12  
 DRAWING NO: Carpenter 1H As-Drilled  
 SCALE: 1" = 500'  
 MINIMUM DEGREE OF ACCURACY: Submeter  
 PROVEN SOURCE OF ELEVATION: WVDOT, Bridgeport, WV

**STATE OF WEST VIRGINIA**  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
**OIL AND GAS DIVISION**

DATE: June 3 2020  
 OPERATOR'S WELL NO. Carpenter 1H  
 API WELL NO  
47 - 033 - 5689  
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built 1,290' WATERSHED: Middle West Fork Creek QUADRANGLE: Big Issac  
 DISTRICT: Union COUNTY: Harrison

SURFACE OWNER: Richard B. Washbourne ACREAGE: 46.57  
 ROYALTY OWNER: Mildred D. & Carl N. Posey LEASE NO: \_\_\_\_\_ ACREAGE: 102

PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 40' TVD / 40' 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