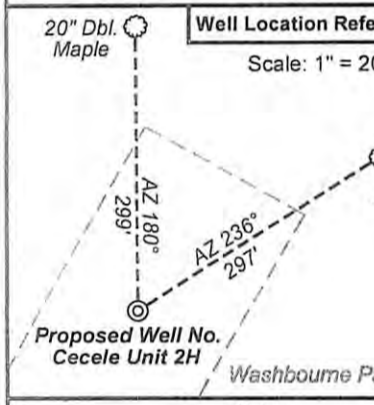
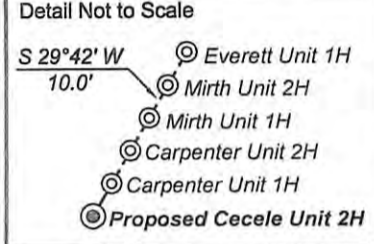
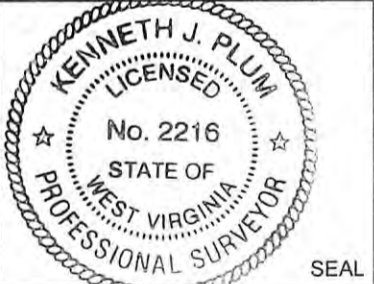


- Legend**
- ⊙ Proposed gas well
  - ⊗ Found Monument (as noted)
  - Creek or Drain
  - Existing Road
  - Surface boundary (approx.)
  - Interior surface tracts (approx.)
  - Existing Fenceline



**Notes:**  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Well No. Cecele Unit 2H Top Hole coordinates are  
 N: 250,741.14' Latitude: 39°11'02.22"  
 E: 1,711,687.72' Longitude: 80°31'01.60"  
 Bottom Hole coordinates are  
 N: 257,492.42' Latitude: 39°12'08.61"  
 E: 1,708,677.66' Longitude: 80°31'40.80"  
 UTM Zone 17, NAD 1983  
 Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,337,311.305m N: 4,339,352.802m  
 E: 541,721.687m E: 540,770.384m  
 Plat orientation and corner and well references are based upon the grid north meridian.  
 Well location references are based upon the magnetic meridian.



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 regulations issued and prescribed by the Department of Environmental Protection.

*Kenneth J. Plum*  
 Kenneth J Plum, P.S. 2216

FILE NO: 185-36-U-12  
 DRAWING NO: 185-12 Cecele 2H Well  
 SCALE: 1" = 1000'  
 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: September 4 2012  
 OPERATOR'S WELL NO. Cecele Unit 2H  
 API WELL NO  
 47 - 033 - 5092116  
 STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 LOCATION: ELEVATION: 1292' WATERSHED: Stutler Fork QUADRANGLE: Big Isaac  
 DISTRICT: Union COUNTY: Harrison  
 SURFACE OWNER: Richard B. Washbourne, Mildred D. & Carl N. Posey; Leslie M. Cecil; J.M. Campbell, et ux, et al; DAD66153/001 & DV011222; DAD36826/001 & DV011556; ACREAGE: 46.57  
 ROYALTY OWNER: F.C. Currey, et ux, et al; East Resources Inc.; Thaddeus Currey, et al; DAD37329/001; DV018319; 36, 184  
 LEASE NO: DAD36582/001; DAD35928; ACREAGE: 102; 25; 70; 53; 65  
 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: 7,400' TVD 15,100' MD

WELL OPERATOR: Antero Resources Appalachian Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System  
 ADDRESS: 1625 17th Street ADDRESS: 5400 D Big Tyler Road  
 Denver, CO 80202 Charleston, WV 25313

12/14/2012