

Legend

- ⊙ Proposed gas well
- ⊗ Found corner, as noted
- - - - - Creek or Drain
- - - - - Existing Road
- Surface boundary (approx.)
- - - - - Interior surface tracts (approx.)
- - - - - County Line (approx.)

Notes:
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
 Well No. Cecele Unit 1H Top Hole coordinates are
 N: 256,676.23' Latitude: 39°12'00.40"
 E: 1,707,355.44' Longitude: 80°31'57.48"
 Bottom Hole coordinates are
 N: 250,869.78' Latitude: 39°11'03.31"
 E: 1,710,015.14' Longitude: 80°31'22.85"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,339,097.431m N: 4,337,341.999m
 E: 540,371.706m E: 541,211.474m
 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 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.

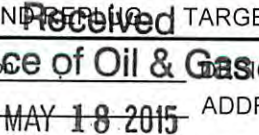
FILE NO: 185-36-U-12
 DRAWING NO: 185-12 Drilled Cecele 1H
 SCALE: 1" = 1000'
 MINIMUM DEGREE OF ACCURACY: Submeter
 PROVEN SOURCE OF ELEVATION: WVDOT, Bridgeport, WV

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

DATE: March 31 2015
 OPERATOR'S WELL NO. Cecele Unit 1H
 API WELL NO
 47 - 017 - 06140
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 Existing Grade - 1360'
 LOCATION: ELEVATION: Original Grade - 1365' WATERSHED: Headwaters Middle Island Creek QUADRANGLE: Big Isaac
 DISTRICT: Greenbrier COUNTY: Doddridge
 SURFACE OWNER: Linn A. Reed, et al F.C. Currey, et ux, et al 009844; DV011222 & DAD66153/001; ACREAGE: 169.72 53;
 ROYALTY OWNER: Clarence A. Moore; East Resources, Inc. Lease; Thaddeus Currey, et al; DV01156 & DAD36826/001;
 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 REPERFORATE TARGET FORMATION: Marcellus Shale DEPTH: 7,274' TVD 13,294' MD

WELL OPERATOR: Antero Resources Corporation
 ADDRESS: 1615 Wynkoop Street Denver, CO 80202
 DESIGNATED AGENT: Dianna Stamper - CT Corporation System
 ADDRESS: 5400 D Big Tyler Road Charleston, WV 25313



06/05/2015