



Tax Map 402 Parcels

Par	Owner	Bk/Pg	Acres
4 27	Richard B. Washbourne	1203/512	53.85
5 28.2	Carroll Dean Jr & Carolyn Sue Dean	1437/1065	13.34
6 28	Richard B. Washbourne	1312/1263	46.57

Tax Map 382 Parcels

Par	Owner	Bk/Pg	Acres
1 7.1	Steven R. & Norma E. Bland	1076/237	2.52
2 7.2	Shirley Jo Davis	F96/433	9.50
3 7.4	Ruth M. Hayes	W169/89	2.06

Wellhead Detail

Detail Not to Scale

Legend:

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

Notes:

West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.

Well Courtney Unit 2H Top Hole coordinates are
 N: 252,619.29 Latitude: 39°11'20.95"
 E: 1,713,161.79 Longitude: 80°30'43.15"

Bottom Hole coordinates are
 N: 261,273.86 Latitude: 39°12'46.25"
 E: 1,711,001.93 Longitude: 80°31'11.82"

UTM Zone 17, NAD 1983

Top Hole Coordinates: N: 4,337,890.973m E: 542,161.237m
 Bottom Hole Coordinates: N: 4,340,516.634m E: 541,459.288m

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.

DRAWING NO: 258-11 Courtney Drilled 2H
 SCALE: 1" = 1200'
 MINIMUM DEGREE OF ACCURACY: Submeter
 PROVEN SOURCE OF ELEVATION: CORS Glenville, WV

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

DATE: April 23 2015
 API WELL NO: Courtney Unit 2H
 API WELL NO.
 47 - 033 - 05630
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: Original 1,366' Existing 1,358' WATERSHED: Middle West Fork River QUADRANGLE: Big Isaac
 DISTRICT: Union
 SURFACE OWNER: Everett M. Myer Jr.
 ROYALTY OWNER: Violet Lee Rodney; Lovie M. & Forman E. Dawson; Wilma Morris, et al
 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 DEPTH: TVD 7,314' MD 16,120'

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