



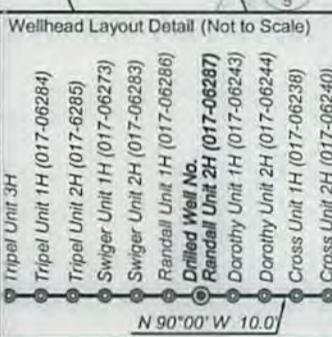
Tag	TM/Par	Owner	Bk/Pg	Ac.
1	16/17.1	Edward L. & Connie Lee Cumpston	281 / 355	29.41
2	16/17.3	John D. & Deborah Cumpston	232 / 127	32.00
3	16/17.4	Ronald E. & Trannis A. Smith	232 / 129	8.19
4	20/9.3	Mark E. & Tara A. Bee	253 / 146	19.77
5	20/8	James Devericks, et al	131 / 11	31.10
6	20/7	Mary Barile Merandi & Paul Lister (Mountain Link Associates)	288 / 131	13.00
7	20/6	Richard Dean Goldsmith	262 / 581	58.00
8	20/24.1	Darrell E. Reed, Jr.	261 / 662	2.00
9	20/11	Darrell E. Reed, Jr.	261 / 664	37.90
10	9.2	Mark E. & Tara A. Bee	253 / 149	4.44

**Notes:**  
**West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.**  
 Well No. Randall Unit 2H Top Hole coordinates are  
 N: 252,913.37' Latitude: 39°11'18.79"  
 E: 1,670,775.04' Longitude: 80°39'41.49"  
 Bottom Hole coordinates are  
 N: 241,551.55' Latitude: 39°09'26.94"  
 E: 1,674,234.99' Longitude: 80°38'55.71"  
**UTM Zone 17, NAD 1983**  
 Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,337,765.168 m N: 4,334,321.410 m  
 E: 529,246.468 m E: 530,358.265 m  
 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.

Bearing	Distance
L1 S 75°42' E	865.0'
L2 S 77°54' W	1600.9'
L3 N 55°25' W	2210.5'
L4 N 42°14' E	456.2'

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



(⊙) Denotes Location of Well on United States Topographical Maps

FILE NO: 74-30-NM-13  
 DRAWING NO: As-Drilled Randall 2H Well  
 SCALE: 1" = 1500'  
 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: April 23 2015  
 OPERATOR'S WELL NO. Randall Unit 2H  
 API WELL NO  
 47 - 017 - 06287  
 STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 Existing - 1333'  
 LOCATION: ELEVATION: Original - 1361' WATERSHED: Headwaters Middle Island Creek QUADRANGLE: New Milton  
 DISTRICT: New Milton COUNTY: Doddridge  
 SURFACE OWNER: Randall & Carolyn S. Stewart Everett Nicholson, et ux; Ed Broome, Inc; Chad A. Swiger, et al; ACREAGE: 105.1 108; 195; 150;  
 ROYALTY OWNER: Joyce A. Shaw Nazelrod, et al; Randall P. Stewart, et al; O.J. Herrod, et ux LEASE NO: 21994 ACREAGE: 69.54; 87.01; 384  
 PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 7,324' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale DEPTH: 18,995' 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