

**Antero Resources**  
**Well No. Nellie Unit 2H**  
**As Drilled Well Plat**  
**Antero Resources Corporation**

(-o-) Denotes location of well on United States topographic maps

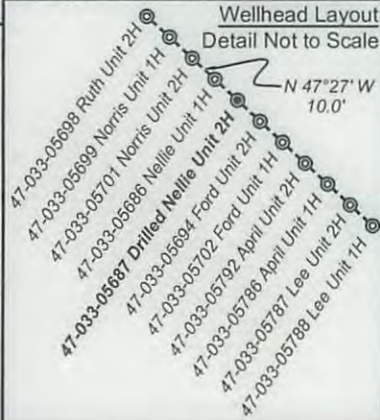
8,735' to Bottom Hole  
 5,452' to Top Hole  
 TOP HOLE LATITUDE 39 - 17 - 30  
 BOTTOM HOLE LATITUDE 39 - 15 - 00

TOP HOLE LONGITUDE 80 - 32 - 30  
 BOTTOM HOLE LONGITUDE 80 - 30 - 00  
 13,872' to Top Hole  
 4,998' to Bottom Hole

Par	Tax Map	321 Owner	Bk/Pg	Acres
1	31.1	Robert G. Jr. & Betty A. Matheny	1405/720	4.87
2	31.3	Robert G. Jr. & Betty A. Matheny	1114/167	3.53
3	31	Carl H. Jr. & Jeanne Adkins	1356/1050	2.35
4	38.1	John & Marianne Cleavenger	1247/289	4.17
5	38.2	John & Marianne Cleavenger	1247/289	1.05
6	38	Robert N. & Shirley M. Bowen	941/478	0.78
7	37.1	Roberta G. Zwiebel	F104/780	0.98
8	28.1	Patricia A. Collins	1060/1140	1.46
9	27	City of Salem	642/123	1.50
10	28.4	Nancy E. Farr	1439/38	0.18
11	28.3	Nancy E. Farr	1362/580	
12	26	Christine R. Utter	1314/417	19.75
13	40.4	Clifford S. & Laura Cleavenger	1406/1196	1.06
14	40.3	Clifford S. & Laura Cleavenger	1407/979	0.81
15	40.5	Danny & Tina Martin	1188/1013	0.244
16	40	Danny & Tina Martin	1321/453	0.565

Line	Bearing	Distance
L1	N 49°47' W	1878.6'
L2	N 79°33' W	3121.2'
L3	S 68°12' W	1560.3'
L4	S 66°15' W	1858.4'

**Notes:**  
 West Virginia Coordinate System of 1927, North Zone  
**based upon Differential GPS Measurements.**  
 Well No. Nellie Unit 2H Top Hole coordinates are  
 N: 276,177.48 Latitude: 39°15'12.26"  
 E: 1,699,730.01 Longitude: 80°33'37.26"  
 Bottom Hole coordinates are  
 N: 269,743.40 Latitude: 39°14'09.63"  
 E: 1,708,070.29 Longitude: 80°31'50.30"  
**UTM Zone 17, NAD 1983**  
 Top Hole Coordinates: Bottom Hole Coordinates:  
 N: 4,344,999.777m N: 4,343,082.005m  
 E: 537,949.548m E: 540,523.140m  
 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
- Surface boundary (approx.)
- Existing Road
- Interior surface tracts (approx.)
- Creek or Drain
- Existing Fenceline

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: 70-36-U-12  
 DRAWING NO: 70-12 Nellie Drilled 2H  
 SCALE: 1" = 1200'  
 MINIMUM DEGREE OF ACCURACY:  
 Submeter  
 PROVEN SOURCE OF ELEVATION:  
 WVDOT, Bridgeport, WV

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

DATE: November 5 20 14  
 OPERATOR'S WELL NO. Nellie Unit 2H  
 API WELL NO:  
 47 - 033 - 05687  
 STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 LOCATION: ELEVATION: 1376' WATERSHED: Patterson Fork QUADRANGLE: Salem & Big Isaac  
 DISTRICT: Tenmile COUNTY: Harrison  
 SURFACE OWNER: Hubert Jr. & Lorena Bland Justin L. Henderson; Tichenal 591; 21193; ACREAGE: 28.50 30;  
 ROYALTY OWNER: DEPI, et al; Gideon M. & J.I. Thompson; Richard Roach, et al LEASE NO: DV019191; 044999; ACREAGE: 283; 144; 17.50  
 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 TVD 7,429'  
 DEPTH: MD 17,455'

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

11/28/2014