



Par.	Tax Map 13 Owner	Bk/Pg	Acres
1	26 Pamela & Darrel Swisher	246/469	15.42
2	26.3 Deana & Gibson L. Clark III	245/236	18.98
3	31 Joseph E. & Sandra Gum	AP38/182	4.25
4	25 Pamela & Darrel Swisher	246/469	0.50
5	26.2 Pamela E. Moore	209/293	0.75
6	26.1 Deana & Gibson L. Clark III	204/87	1.50
7	24 Jim Charles & Thelma Pasco	WB43/508	47.9

**Notes:**  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Well No. Duffelmeyer Unit 2H Top Hole coordinates  
 N: 258,842.64' Latitude: 39°12'17.79"  
 E: 1,673,925.84' Longitude: 80°39'02.44"  
 Bottom Hole coordinates  
 N: 252,363.69' Latitude: 39°11'13.94"  
 E: 1,675,334.41' Longitude: 80°38'43.50"  
 UTM Zone 17, NAD 1983  
 Top Hole Coordinates: Bottom Hole Coordinates  
 N: 4,339,587.528m N: 4,337,620.888m  
 E: 530,176.242m E: 530,638.282m  
 Plat orientation and corner and well references are based upon the grid north meridian.  
 Well location references are based upon the magnetic meridian.

Line	Bearing	Dist.
L1	S 77°05' W	455.5'
L2	N 23°43' W	1368.0'
L3	S 79°40' W	1497.6'
L4	S 69°37' W	862.7'
L5	S 67°26' W	560.1'



*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 the rules issued and prescribed by the Department of Environmental Protection.*  
 Bradley D. Miller, P.S. 2167

FILE NO: 67-30-NM-13  
 DRAWING NO: 67-13 Duffelmeyer Unit 2H  
 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: October 8 2013  
 OPERATOR'S WELL NO. Duffelmeyer Unit 2H  
 API WELL NO 47-017-06419 H6A  
 STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 LOCATION: ELEVATION: 1081' WATERSHED: Meathouse Fork QUADRANGLE: New Milton  
 DISTRICT: New Milton COUNTY: Doddridge  
 SURFACE OWNER: Michael B. Duffelmeyer, et al & Justine Paula Hyre, et al  
 Michael B. Duffelmeyer, Jewel Snider West James D. Rogers, et al; French H. Cox, et al Randall P. Stewart, et al  
 ROYALTY OWNER: Joyce A. Shaw Nazelrod, et al; James D. Rooney, et al (2) LEASE NO: 22062 ACREAGE: 107 384; 40 195; 107.25 56.6; 120; 10; 70.25  
 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 14,500' MD

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



4701706419



**Antero Resources Corporation**  
Appalachian Basin  
Dufflemeyer Unit 2H  
Doddridge County

RECEIVED  
Office of Oil & Gas

Quadrangle: New Milton  
Watershed: Meathouse Fork  
District: New Milton  
Date: 11-1-2013

NOV 28 2013

WV Department  
Environmental Protection