



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. Dufflemeyer Unit 1H Top Hole coordinates
 N: 258,846.74' Latitude: 39°12'17.83"
 E: 1,673,934.96' Longitude: 80°39'02.33"
 Bottom Hole coordinates
 N: 252,258.55' Latitude: 39°11'12.81"
 E: 1,674,677.67' Longitude: 80°38'51.83"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,339,588.823m N: 4,337,585.519m
 E: 530,179.000m E: 530,438.739m
 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 79°17' W	1129.8'
L2	N 23°18' W	1368.1'
L3	S 79°45' W	1487.9'
L4	S 69°40' W	852.7'
L5	S 67°28' W	550.1'



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
 Bradley D. Miller, P.S. 2167

FILE NO: 67-30-NM-13
 DRAWING NO: 67-13 Dufflemeyer Unit 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: October 8 2013
 OPERATOR'S WELL NO. Dufflemeyer Unit 1H
 API WELL NO 47 - 017 - 06418 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 107.25
 SURFACE OWNER: Michael B. Dufflemeyer, et al & A. Rosalie Clark, Darlene Cox 41.1003
 Justine Paula Hyre, et al Michael B. Dufflemeyer 141.46
 Randall P. Stewart, et al
 ROYALTY OWNER: Joyce A. Shaw Nazelrod, et al; James D. Rooney, et al (2) LEASE NO: ACREAGE: 56.8; 120; 384; 195
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 7,400' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 14,600' MD

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

4701706418



Antero Resources Corporation
Appalachian Basin
Dufflemeyer Unit 1H
Doddridge County

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

Received
NOV 22 2013

Office of Oil and Gas
WV Dept. of Environmental Protection