

Notes:
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
 Well No. Dukate Unit 2H Top Hole coordinates are
 N: 264,937.83' Latitude: 39°13'20.18"
 E: 1,691,326.56' Longitude: 80°35'22.35"
 Bottom Hole coordinates are
 N: 275,257.01' Latitude: 39°15'01.63"
 E: 1,686,858.60' Longitude: 80°39'20.73"
UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,341,532.882m N: 4,344,653.917m
 E: 535,446.473m E: 534,032.865m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.

Tax Map 7 Owner	Blk/Pg	Acres
1 28.2 David J. Dukate	262/536	1.02
2 20.4 Quanita M. Crabbe	264/228	7.71
3 20.2 William F. & Inge Rogers	278/703	9.07
4 12-2 Jeffrey A. & Penelope B. Mills	166/378	1.66
5 20.1 Pleasant Valley UM Church	256/598	0.62
6 19 Missionary Regular Baptist Church of Jesus Christ	4/368	0.62
7 28.1 Kenneth L. & Dabora S. Ash	213/127	1.00
8 26 William H. Swiger	271/152	0.88
9 43 Martha & Blaine Devericks	163/590	10.0
10 28 James L. Dukate	211/292	53.9
11 7.4 Robert W. & Loretta C. Kelly	279/590	0.96
12 42 William W. Nicholas	152/719	13.0
13 41 Richard L. & Donna Campbell	222/634	16.4
14 29 James L. Dukate	211/292	80.5
15 27 James L. & Carol S. Dukate	258/399	0.90

Lease Table
 A Pauline M. Cottrill & Margaret H. Vincent Lease DAD35254

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: 230-30-G-12
 DRAWING NO: 230-12 Dukate Unit 2H
 SCALE: 1" = 1200'
 MINIMUM DEGREE OF ACCURACY: Submeter
 PROVEN SOURCE OF ELEVATION: WVDOT, Bridgeport, WV

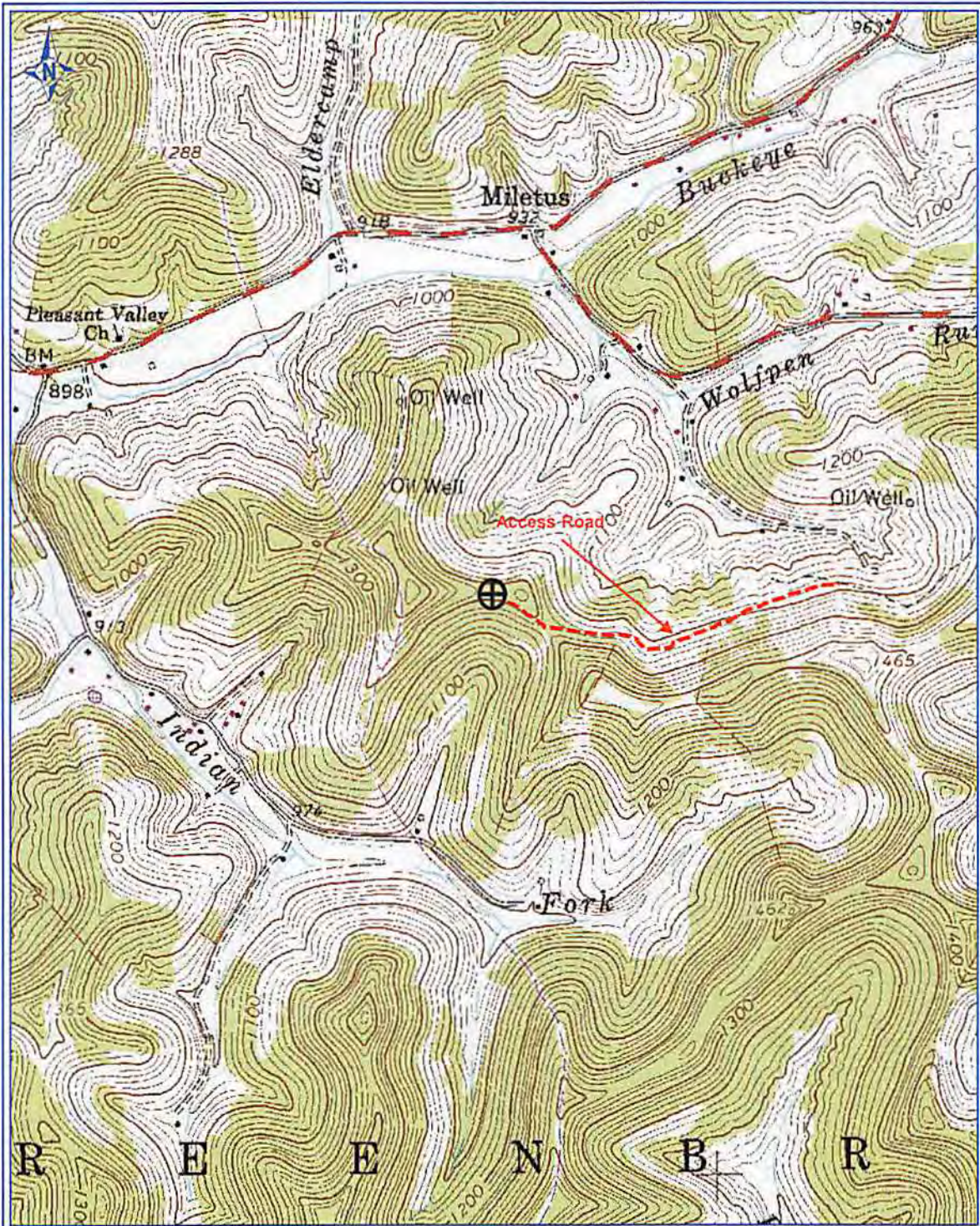
STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: November 15 2013
 OPERATOR'S WELL NO. Dukate Unit 2H
 API WELL NO MOD
 47 - 017 - 06288
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: 1297' WATERSHED: Big Isaac Creek QUADRANGLE: Big Isaac
 DISTRICT: Greenbrier Alastair B. & Edith Park Martin DAD37957/002 COUNTY: Doddridge
 SURFACE OWNER: Homer Leroy Floyd Loretta Marsh, et vir, et al; Blaine W. Devericks, et ux DV011162; 21574 ACREAGE: 54.25 350; 92
 OIL & GAS ROYALTY OWNER: Pauline M. Cottrill & Margaret H. Vincent; Homer L. Ford LEASE #: L012454; DVO19229 ACREAGE: 221; 46; 93.3709
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Modification - BHL 7,600' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 19,200' 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

02/28/2014



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Antero Resources Corp

APPALACHIAN BASIN

Dukate Unit 2H

Doddridge County

REMARKS
 QUADRANGLE: BIG ISAAC
 WATERSHED: BIG ISAAC CREEK
 DISTRICT: GREENBRIER

By: ECM

