



**Antero Resources
Well No. Dukate Unit 1H
Antero Resources Corporation**

	Bearing	Dist.
L1	S 73°20' E	1232.3'
L2	N 83°17' E	1002.9'
L3	S 76°53' W	1642.8'
L4	N 44°10' W	924.7'
L5	N 73°38' E	798.5'

Legend	
	Proposed gas well
	Found monument, as noted
	Found Well, as noted
	Surface boundary (approx.)
	Interior surface tracts (approx.)
	Existing Road
	Creek or Drain



Notes:
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Dukate Unit 1H Top Hole coordinates are
N: 264,937.88' Latitude: 39°13'20.18"
E: 1,691,326.46' Longitude: 80°35'22.35"
Bottom Hole coordinates are
N: 273,758.27' Latitude: 39°14'46.79"
E: 1,686,662.43' Longitude: 80°36'22.99"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,341,532.897m N: 4,344,196.327m
E: 535,446.442m E: 533,980.715m
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	Bk/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 Inge M. Lang	276/703	9.07
4	20.3 Leslie & Charles II Underwood	258/416	9.98
5	20.1 Trustees of the Pleasant Valley UM Church	256/598	0.62
6	19 Pleasant Valley UM Church	4/368	1.02
7	28.1 Kenneth L. & Debora 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	61.88
11	7.4 Ronald P. & Pamela J. Kelly	279/590	0.96
12	42 William W. Nicholas	AB 23/243	11.75
13	41 Richard L. & Donna Campbell	222/634	15.59
14	29 James L. Dukate	211/292	80.5
15	27 James L. & Carol S. Dukate	258/399	1.00

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: Dukate Unit 1H Well 12-16
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: December 21 2016
OPERATOR'S WELL NO. Dukate Unit 1H
API WELL NO
47 - 017 - 06824 HGA
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: Proposed Grade 1297' Existing Grade 1321' WATERSHED: Headwaters Middle Island Creek QUADRANGLE: Big Isaac
DISTRICT: Greenbier M.T. Williams, et al; Homer L. Ford; Ed Broome, Inc.; DAD37957/002; COUNTY: Dodd
SURFACE OWNER: Michael L. Ford Denver Jack Cork; Rosa Nicholson; Isaac Eddy, et ux; James Romine; DVO11162; 21235; ACREAGE: 54.25 96.54; 85; 92; DAD35254; 003636; 221; 30.14; LEASE #: L012454; DVO19229 ACREAGE: 46; 93.3709; 132

OIL & GAS ROYALTY OWNER: Pauline M. Cottrill & Margaret H. Vincent; W. V. Ross
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 7,600' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 18,000' 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



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Antero Resources Corp

APPALACHIAN BASIN

Dukate Unit 1H

Doddridge County

REMARKS
 QUADRANGLE: BIG ISAAC
 WATERSHED: HEADWATERS MIDDLE ISLAND CREEK
 DISTRICT: GREENBRIER

By: ECM

04/28/2017

