

**Antero Resources**  
**Well No. Dukate Unit 2H**  
 Antero Resources  
 Appalachian Corporation

SEAL

**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: 270,749.87 Latitude: 39°14'16.92"  
 E: 1,685,527.66 Longitude: 80°36'36.94"  
 UTM Zone 17, NAD 1983  
 Top Hole Coordinates: Bottom Hole Coordinates:  
 N: 4,341,532.882m N: 4,343,274.046m  
 E: 535,446.473m E: 533,650.285m  
 Plat orientation and corner and well references are based  
 upon the grid north meridian. Well location references are  
 based upon the magnetic meridian.

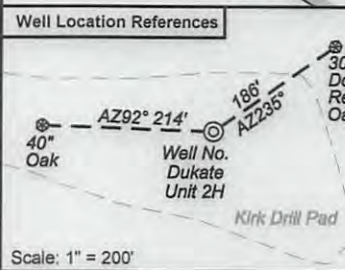
7,679' to Bottom Hole  
 1,880' to Top Hole  
 LATITUDE 39 - 15 - 00

	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 William & Inge Rogers	276/703	9.07
4	20.3 Leslie & Charles Underwood II	258/416	9.98
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	6 Jeff & Penelope Mills (Tract 2)	260/558	11.76
8	42 William W. Nicholas	152/719	13.0
9	20 Chrystal Dawn Keplinger	293/238	29.57
10	43 Martha & Blaine Devenicks	163/590	10.0
11	14.1 Murray Hill Energy Inc.	279/257	20.0
12	7 Robert & Loretta Kelly (Tract 4)	156/387	30.25
13	14.9 Barbara & Charles Wellings Jr.	266/588	9.12
14	14.1 Murray Hill Energy Inc.	279/257	20.0
15	31 Timothy & Julie Goldsmith	273/126	3.76
16	14.4 Phoonsombat Smith	271/219	1.01
17	14.6 Shawn & Penny Dahlheimer	249/217	1.54
18	14.5 Melvin & Louise Morris	237/172	0.59
19	51 Trustees of Eddy Cemetery Assoc.	249/650	1.70
20	14.8 William & Lanita Stewart	281/311	1.0
21	46 Charles Jr. & Barbara Wellings	203/229	Lot 7
22	14.9 Robert & Vernie Mae Hilling	280/347	—
23	47 Judith Mohr & Rocky Romanello	254/459	Lot 6
24	14.3 Judy D. Martin (Tract 3)	204/518	1.27
25	14.3 Judy D. Martin (Tract 1)	204/518	10.39
26	7 Robert & Loretta Kelly (Tract 4)	156/387	30.25
27	7 Robert & Loretta Kelly (Tract 3)	156/387	4.04
28	7 Robert & Loretta Kelly (Tract 1)	156/387	50.0

LONGITUDE 80 - 35 - 00  
 4,265' to Bottom Hole  
 10,077' to Top Hole

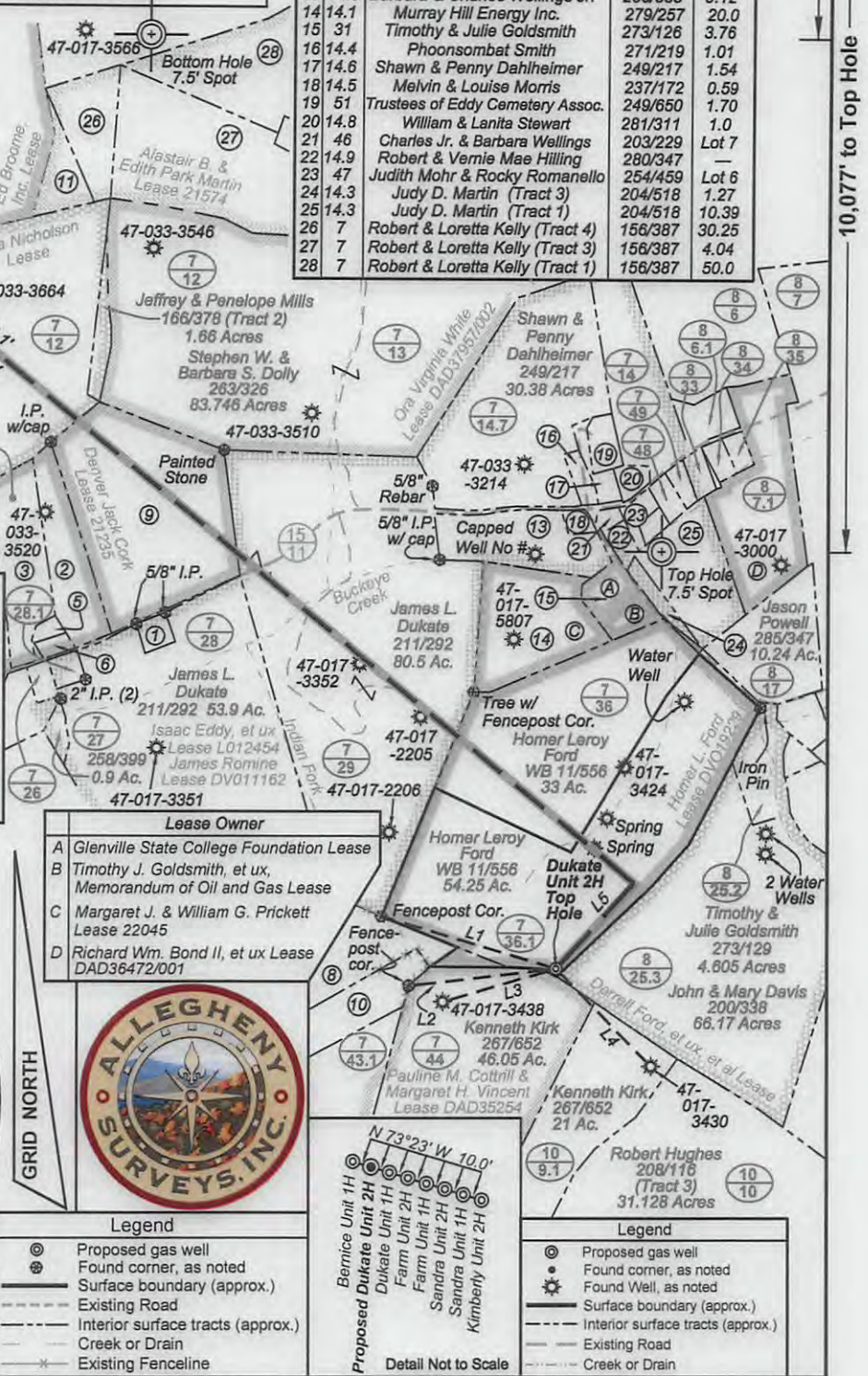
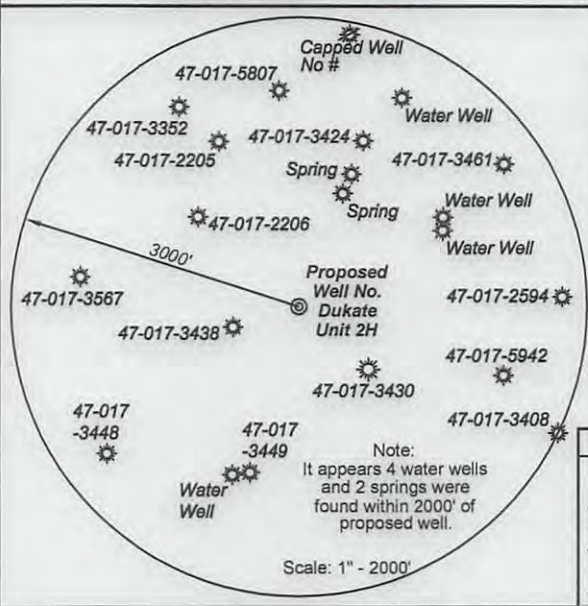
(-o-) Denotes location of well on United States topographic maps

Bearing	Dist.
L1 S 73°20' E	1232.4'
L2 N 83°17' E	1003.0'
L3 N 73°38' E	798.6'
L4 N 44°10' W	924.6'
L5 N 42°15' E	782.7'



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 regulations 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

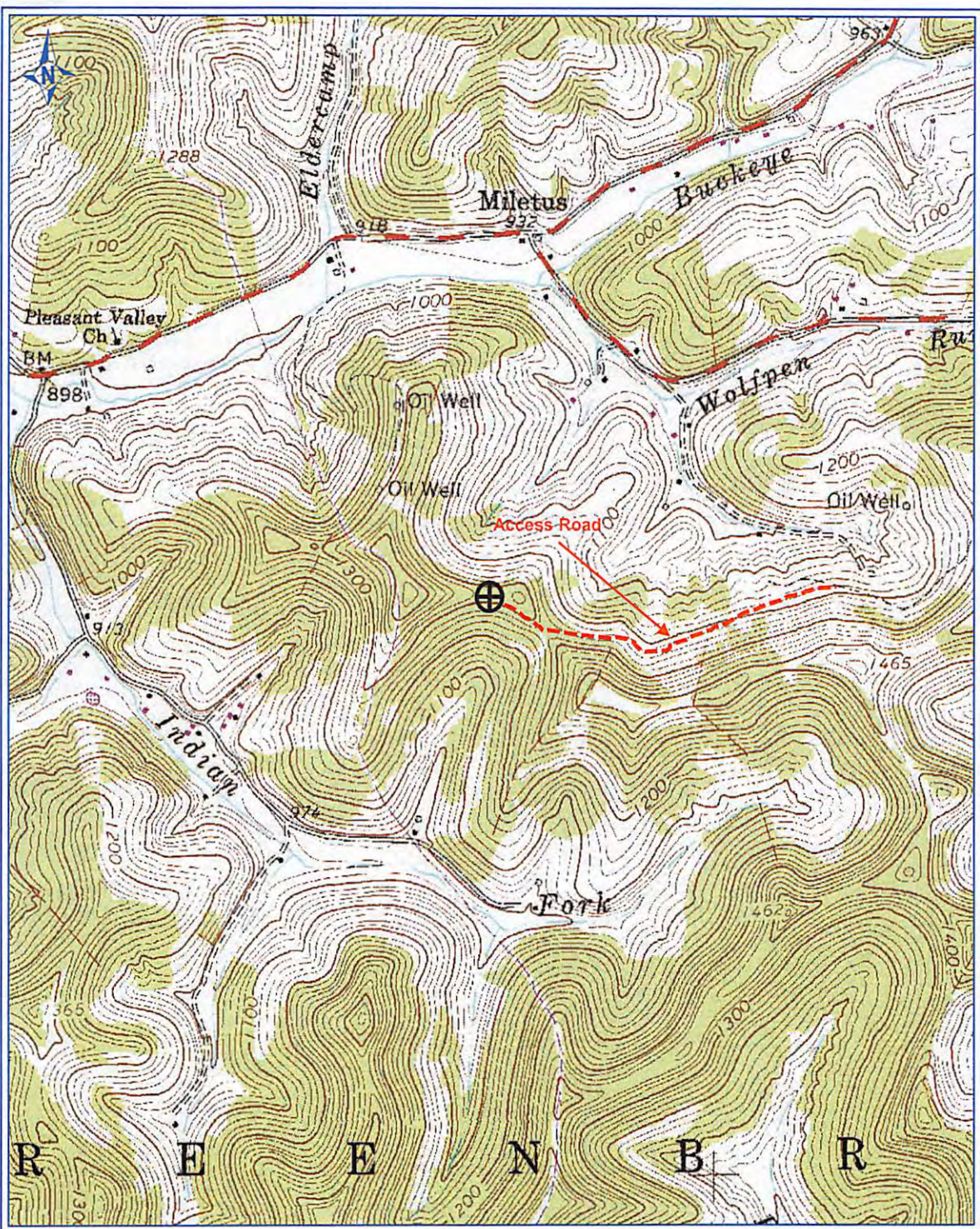
**STATE OF WEST VIRGINIA**  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL AND GAS

DATE: May 21 20 13  
 OPERATOR'S WELL NO. Dukate Unit 2H  
 API WELL NO  
 47 - 017 - 06288 H6A  
 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: Greenbier COUNTY: Doddridge  
 SURFACE OWNER: Homer Leroy Floyd William C. Lantz, et ux; Homer L. Ford; 21235 L012454 ACREAGE: 54.25 30.14; 56  
 OIL & GAS ROYALTY OWNER: Rosa Nicholson; Denver Jack Cork; DV011162 LEASE #: DVO19229 ACREAGE: 92; 221; 96.54  
 PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TVD 7,600' MD 17,000'  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: \_\_\_\_\_

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

08/23/2013



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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

