

Par.	Tax Map 5 Owner	Bk/Pg	Acres
1	4 Seventh Day Baptist Church	—	1.00
2	9 Robert M. Clark	281/26	21.89
3	6 Helen & Willard Dennison	206/118	12.03
4	5 Karen & Joseph Davis	177/104	26.04
5	11 Helen & Willard Dennison	206/118	13.15
6	12 Willard & Helen Dennison	208/113	19.56
7	12 Ricky & Carla Watson	186/339	31.5
8	12.4 Mt. Olive Baptist Trustees	252/98	0.44
9	12.3 Mt. Olive Baptist Trustees	214/734	0.07
10	3.1 John II & Rebecca Dotson	256/338	1.15
11	10 Lary & Mary Jo Carder	282/24	21.71

Lease Table	
A	Richard and Rosalie Clark Lease ARAC-21031
B	Wilbur Aldine Stutler Trust Lease ARAC-21622
C	Gerald Maxson, et ux Lease
D	Salem Seventh Day Baptist Church Lease

Notes:
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
 Well No. Rikk Unit 1H Top Hole coordinates are
 N: 280,628.25' Latitude: 39°15'55.04"
 E: 1,689,519.01' Longitude: 80°35'47.75"
 Bottom Hole coordinates are
 N: 272,074.62' Latitude: 39°14'31.18"
 E: 1,695,274.58' Longitude: 80°34'33.27"
UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,346,303.809m N: 4,343,727.182m
 E: 534,816.115m E: 536,613.007m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.



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.

Kenneth J. Plum
 Kenneth J. Plum, P.S. 2216

FILE NO: 41-30-GR-13
 DRAWING NO: 41-13 Rikk 1H Well Plat-Mod
 SCALE: 1" = 1200'
 MINIMUM DEGREE OF ACCURACY: Submeter
 PROVEN SOURCE OF ELEVATION: WVDOT, Bridgeport, WV

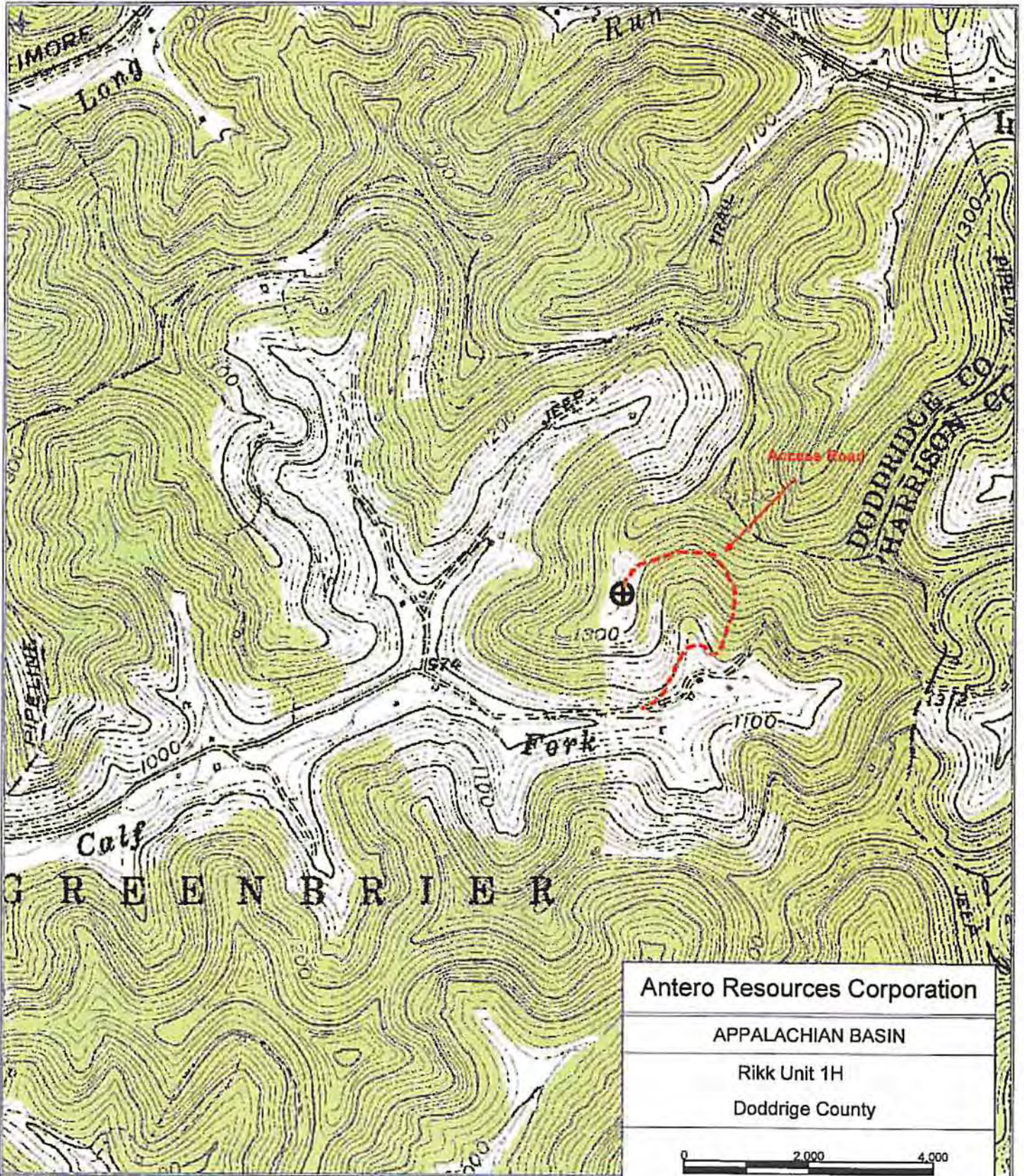
STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: March 10 2014
 OPERATOR'S WELL NO. Rikk Unit 1H
 API WELL NO. M=0 47 017 - 06228 H6A
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: 1318' WATERSHED: Buffalo Calf Fork QUADRANGLE: Salem & Big Isaac
 DISTRICT: Greenbrier DNR & Public Land Corp.; Rikk H. Randel, et ux COUNTY: Doddridge
 Charles W.F. Randolph, et al.
 SURFACE OWNER: Walter V. Davidson & Leonard J. Davidson Mary Maxine Welch (2); E.J. Lowther, et al (2) ACREAGE: 23.61 92; 27; 47
 ROYALTY OWNER: Charles J. Dennison, Trustee for the C.O. Dennison Estate, et al LEASE NO: DAD35388; 21545; 21224 ACREAGE: 84; 87; 90; 127; 65
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Modification - BHL
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,650' TVD 18,300' 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

03/28/2014



Antero Resources Corporation

APPALACHIAN BASIN

Rikk Unit 1H

Doddrige County



REMARKS

QUADRANGLE: SALEM & BIG ISAAC
 WATERSHED: BUFFALO CALF FORK
 DISTRICT: GREENBRIER

January 9, 2009

Received
Office of Oil & Gas

MAY 15 2013

*DCW
5-14-2013*