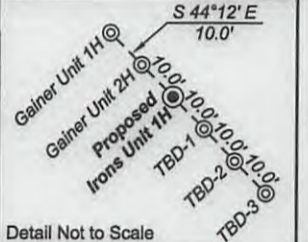


Notes:
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
 Well No. Irons Unit 1H Top Hole coordinates are
 N: 282,639.88' Latitude: 39°16'14.49"
 E: 1,686,026.54' Longitude: 80°36'32.46"
 Bottom Hole coordinates are
 N: 274,014.27' Latitude: 39°14'50.04"
 E: 1,692,660.72' Longitude: 80°35'06.79"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,346,898.901m N: 4,344,304.812m
 E: 533,741.902m E: 535,806.826m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.



Legend
 ● Proposed gas well
 ○ Found corner, as noted
 --- Creek or Drain
 --- Existing Road
 --- Surface boundary (approx.)
 --- Interior surface tracts (approx.)
 --- Existing Fenceline

Par.	Tax Map 5 Owner	Bk/Pg	Acres
1	Seventh Day Baptist Church	—	1.00
2	John & Rebecca Dotson	273/296	14.85
3	Russell W. Reed	263/53	0.5
4	Arby Morrison, Jr.	260/395	0.99
5	Arby Morrison	32/78	2.05
6	Arby Morrison, Jr.	260/399	0.5

Par.	Tax Map 4 Owner	Bk/Pg	Acres
7	Rodney & Bonnie Kelly	234/247	0.512
8	Rodney & Bonnie Kelly	234/247	1.65
9	Rodney & Bonnie Kelly	229/439	1.22
10	Rodney & Bonnie Kelly	229/439	21.59
11	Gary A. Richards	259/330	1.94
12	Gary Allen Richards	244/215	0.565
13	Melanie M. Bailey Douglas W. Bailey Hassel Bailey	261/279	0.49
14	Sheila Davis	222/221	1.31
15	Olive M. Anderson	250/526	0.765
16	Ronnie & Betty Perkins	152/295	0.86
17	Janet D. Tinsley (Rosalie Clark-Life Estate)	287/598	4.0
18	Stephen & Remonda Trent	211/459	5.56

Lease Table

Lease	Owner
A	Richard and Rosalie Clark Lease
B	Gerald Maxson, et ux Lease
C	Salem Seventh Day Baptist Church Lease

(●) Denotes Location of Well on United States Topographic Maps



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.

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

FILE NO: 44-30-G-13
 DRAWING NO: 44-13 Irons 1H Well Plat
 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 12 2013
 OPERATOR'S WELL NO. Irons Unit 1H
 API WELL NO
 47 - 017 - 06245H6A
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: 1364' WATERSHED: Buffalo Calf Fork QUADRANGLE: Salem & Big Isaac
 DISTRICT: Greenbrier COUNTY: Doddridge
 SURFACE OWNER: Carolyn N. Plaughter ACREAGE: 328.92
 ROYALTY OWNER: Charles J. Dennison, Trustee for the C.O. Dennison Estate, et al LEASE NO: DAD1988; 21203; 1227 ACREAGE: 165; 350; 49.5; 90; 84
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,600' TVD 18,300' MD

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

06/14/2013



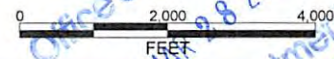
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Antero Resources Corporation

Appalachian Basin

Irons Unit 1H

Doddridge County



REMARKS
 QUADRANGLE: SALEM
 WATERSHED: BUFFALO CALF FORK
 DISTRICT: GREENBRIER

February 11, 2013

RECEIVED
 Office of Oil and Gas
 March 8 2013
 Department of Environmental Protection