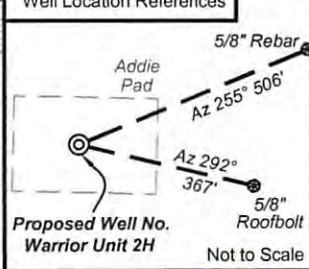


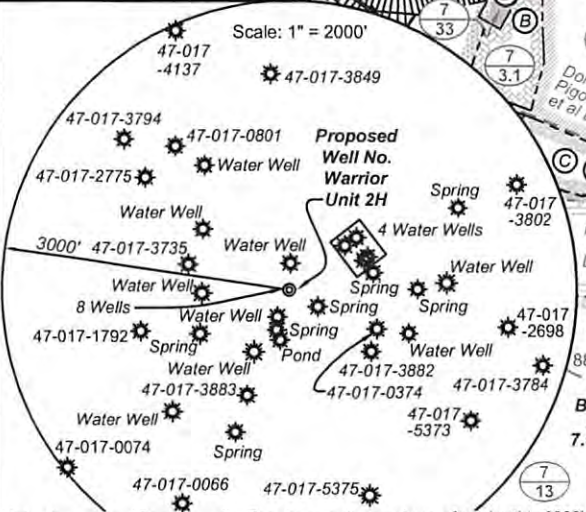
Notes:
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
 Well No. Warrior Unit 2H Top Hole coordinates are
 N: 306,253.61' Latitude: 39°20'00.52"
 E: 1,630,678.01' Longitude: 80°48'20.54"
 Bottom Hole coordinates are
 N: 295,608.08' Latitude: 39°18'16.33"
 E: 1,637,846.64' Longitude: 80°46'47.39"
UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,353,811.264m N: 4,350,604.578m
 E: 516,759.786m E: 518,997.813m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.

Bearing	Dist.
L1 N 66°06' W	999.8'
L2 N 22°09' E	1170.2'
L3 S 48°49' W	675.6'
L4 S 66°57' E	506.4'
L5 N 82°00' E	2823.6'

Leases	
A.	Champion Agate Co., Inc. Lease
B.	Champion Agate Co., Inc. Lease
C.	Andrew Lett, et ux Lease
D.	Champion Agate Co., Inc. Lease
E.	Claude L. Smith, et ux Lease



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



Note: It appears 13 water wells, 7 springs and a pond were found within 2000' of proposed well. No occupied dwellings and no buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad. See well location references for details.

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

TM / Par	Owner	Bk / Pg	Acres
1 3 / 17	Antero Resources Corp.	349/553	25.90
2 3 / 17.1	Antero Resources Corp.	358/562	9.90
3 3 / 21.1	Charles & Carol Coltrill	256 / 479	3.00
4 3 / 21	Addie Marie Leadman	250 / 84	19.84
5 30 / 12	Jason B. & Sanya Morris Heflin c/o First American Real Estate Tax	226 / 284	Lot 144
6 30 / 13	Joe E. & Melissa A. Cross	263 / 227	Lot 143
7 30 / 14	Joe E. & Melissa A. Cross	263 / 227	Lot 142
8 30 / 15	Roger D. & Mary J. Brady	332/586	Lot 141
9 30 / 15.1	Roger D. & Mary J. Brady	332/586	Lots 140 & 139
10 30 / 82	Jeffrey H. & Brenda S. Moss	246 / 177	Lot 75
11 30 / 83	Jeffrey H. & Brenda S. Moss	246 / 177	Lot 76
12 30 / 84	William A. Spears Jr.	WB31 / 342	Lot 77
13 30 / 85.1	William A. Spears Jr.	WB31 / 342	Lot 78
14 30 / 85	Freska D. & Dakota R. Trader	260 / 440	Lot 78
15 30 / 86	Freska D. & Dakota R. Trader	260 / 440	Lot 79
16 30 / 87	Karen Bonita Trent	280 / 665	Lot 80
17 30 / 88	Mark D. & Gwen A. Nicholson c/o First American Real Estate Tax	279 / 245	Lot 81
18 30 / 89	Karen Bonita Trent	280 / 665	Lot 81
19 7 / 3.2	Andrew E. & Loria A. Leit	297 / 311	12.00
20 7 / 17.2	WV Dept. of Trans. DOH	275 / 37	1.14
21 7 / 15	WV Dept. of Trans. DOH	262 / 617	1.26
22 7 / 17.3	CNG Transmission Corp.	110 / 198	3.61
23 7 / 16	Nicholas D. & Debra M. Smith	359/113	1.19
24 7 / 26.1	Michael J. Travis, et ux	178 / 50	5.40
25 11/4	Paul D. & Sharon K. Weekley	186/743	17.30
26 11/2	Sharon K. & Paul D. Weekley	220/499	12.00
27 11/3	Genevieve V. Freeman	228/15	16.50
28 11/4.1	Mary Lou Holland	286/313	9.55
29 7/22	Hope Natural Gas	110/97	25.31

Notes:
 Well No. Warrior Unit 2H
UTM Zone 17, NAD 1927
 Top Hole Coordinates
 N: 14,283,414.45'
 E: 1,695,355.39'
 Point of Entry Coordinates
 N: 14,283,853.60'
 E: 1,698,143.68'
 Bottom Hole Coordinates
 N: 14,272,893.68'
 E: 1,702,698.03'

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: 52-30-WU-14
 DRAWING NO: 52-14 Warrior 2H Well Plat
 SCALE: 1" = 1500'
 MINIMUM DEGREE OF ACCURACY:
 Submeter
 PROVEN SOURCE OF ELEVATION:
 WVDOT, Harrisville, WV

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

DATE: May 17 20 17
 OPERATOR'S WELL NO. Warrior Unit 2H
 API WELL NO. 47-017-06808
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: Existing Grade 895' WATERSHED: Headwaters Middle Island Creek QUADRANGLE: West Union
 DISTRICT: West Union COUNTY: Doddridge
 SURFACE OWNER: Antero Resources Corp. ACREAGE: 25.9
 ROYALTY OWNER: J.C. Smith, Agent for Jacob Smith Estate; Dorothy A. Pigott, AIF, et al LEASE NO: ACREAGE: 124; 112; 51; 140
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Modify Bottom Hole Location
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 6,900' TVD
 20,800' 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