



**Notes:**  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Well No. Warrior Unit 1H Top Hole coordinates are  
 N: 306,253.81' Longitude: 80°20'00.52"  
 E: 1,630,667.94' Longitude: 80°48'20.67"  
 Bottom Hole coordinates are  
 N: 295,386.80' Longitude: 39°18'14.05"  
 E: 1,637,163.92' Longitude: 80°46'56.03"  
**UTM Zone 17, NAD 1983**  
 Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,353,811.274m N: 4,350,533.689m  
 E: 516,756.717m E: 518,790.947m  
 Plat orientation and corner and well references are based upon the grid north meridian.  
 Well location references are based upon the magnetic meridian.

**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.	Roy Blake, et ux Lease
F.	Claude L. Smith, et ux Lease

Top Hole Coordinates verified by survey grade GPS. As-drilled data and information was provided by Antero Resources Corporation. Allegheny Surveys Inc. (ASI) is not certifying the data and information provided. ASI is not responsible for any errors or inaccuracies with the data and information that has been provided.



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

(\*) 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 Cottrill	256/479	3.00
4 3/21	Addie Marie Leadmon	250/84	19.84
5 7/17.4	Charity Gas Inc.	264/421	2.27
6 7/21	Elizabeth Anne Spencer, Ian Fredrick & Joseph Burton	AP41/583	14.0
7 7/23.1	Nelson Bruffy Jr.	181/224	0.52
8 29/41	Ronald R. Shaw	321/185	Lot 161
9 29/41.1	Ronald R. Shaw	321/185	p/o 160
23 29/41.3	H. Ross Jr. & Carol S. Swiger	305/9	p/o 160
10 29/41.2	H. Ross Jr. & Carol S. Swiger	271/175	p/o 160
11 29/42	H. Ross Jr. & Carol S. Swiger	271/175	Lot 159
12 7/3.2	Andrew E. & Loria A. Lett	297/311	12.00
13 30/46	John P. & D. Frances Davis	262/308	Lot 39
14 30/47	John D. Morris Family Trust	WB 30/597	Lot 40
15 30/48	Michael C. & Kellie M. Murray	266/278	Lot 41
16 30/49	Roy G. & Rebecca Griffith	280/647	Lot 42
17 7/17.5	Charity Gas Inc.	264/421	4.81
18 7/14.3	Kevin Nowlin	229/615	1.75
19 7/14.4	Kevin Nowlin	229/615	1.79
20 7/17.6	Ernest E. & Catherine Sue Blake	274/687	2.00
21 7/31	William Bonnell, & Jonathan B. Sheets	305/661	1.80
22 7/17.1	Richard Roy Blake Jr., et al	AP 35/208	3.00
23 11/2	Sharon K. & Paul D. Weekley	220/499	12.00
24 11/3	Genevieve V. Freeman	228/15	16.50
25 11/41	Paul D. & Sharon K. Weekley	186/743	17.30
26 11/4.1	Mary Lou Holland	286/313	9.55

FILE NO: 52-30-WU-14  
 DRAWING NO: Warrior 1H As-Drilled 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: October 5 20 18  
 OPERATOR'S WELL NO. Warrior Unit 1H  
 API WELL NO  
 47 - 017 - 06828  
 STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 LOCATION: ELEVATION: 891' As-Drilled WATERSHED: Headwaters Middle Island Creek QUADRANGLE: West Union  
 DISTRICT: West Union COUNTY: Doddridge  
 SURFACE OWNER: Antero Resources Corp. ACREAGE: 25.9 90; 80; 51  
 ROYALTY OWNER: J.C. Smith, Agent for Jacob Smith Estate, Dorothy A. Pigott, Alf, et al; Russell G. Coleman  
 Nelson Bruffy, G. Frank Ash, et al; Roy Blake, et ux; Andrew Lett, et ux; Joseph Freeman, et ux; S. N. Montgomery, et ux; Claude L. Smith, et ux  
 ACRES: 56.07; 11.90; 58.70  
 LEASE NO: ACRES: 112; 100; 140; 600  
 PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 6,587'TVD  
 19,135' 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