Antero Resources
Well No. Warrior Unit 2H
As-Drilled Plat
Antero Resources Corporation

8,608' to Bottom Hole

4,189' to Top Hole

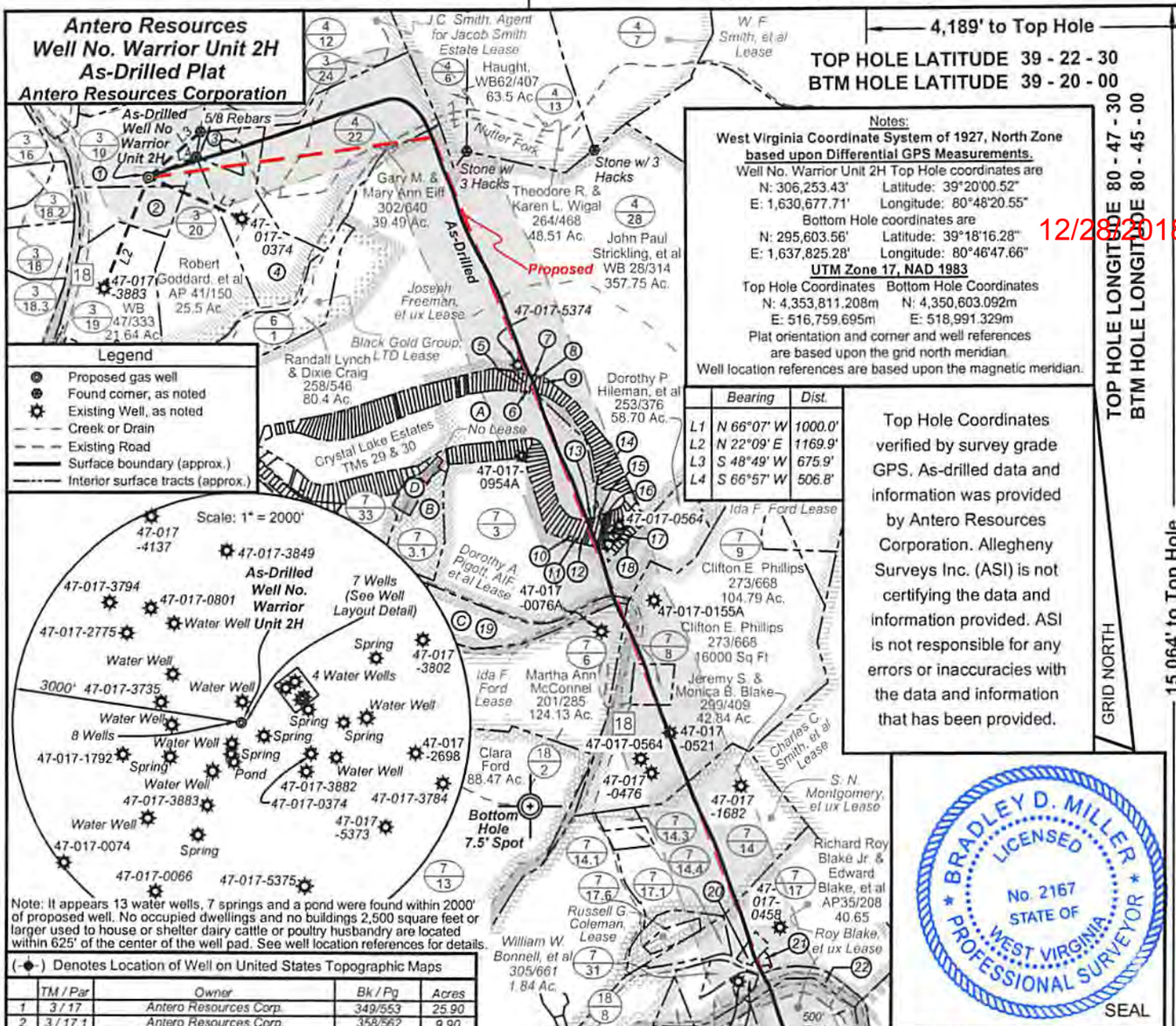
TOP HOLE LATITUDE 39 - 22 - 30
BTM HOLE LATITUDE 39 - 20 - 00

TOP HOLE LONGITUDE 80 - 47 - 30
BTM HOLE LONGITUDE 80 - 45 - 00

10,373' to Bottom Hole

15,064' to Top Hole

12/28/2018



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.

Legend

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

Notes:

West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.

Well No. Warrior Unit 2H Top Hole coordinates are
N: 306,253.43' Latitude: 39°20'00.52"
E: 1,630,677.71' Longitude: 80°48'20.55"
Bottom Hole coordinates are
N: 295,603.56' Latitude: 39°18'16.28"
E: 1,637,825.28' Longitude: 80°46'47.66"

UTM Zone 17, NAD 1983

Top Hole Coordinates	Bottom Hole Coordinates
N: 4,353,811.208m	N: 4,350,603.092m
E: 516,759.695m	E: 518,991.329m

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°07' W	1000.0'
L2	N 22°09' E	1169.9'
L3	S 48°49' W	675.9'
L4	S 66°57' W	506.8'

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.

GRID NORTH

(◆) 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	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	½ Lot 78
14	30 / 85	Freska D. & Dakota R. Trader	260 / 440	½ 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	½ Lot 81
18	30 / 89	Karen Bonita Trent	280 / 665	½ Lot 81
19	7 / 3.2	Andrew E. & Loria A. Lett	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

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

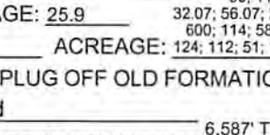
BRADLEY D. MILLER * LICENSED * No. 2167 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR
SEAL

ALLEGHENY SURVEYS, INC.

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, P.S. 2167

Wellhead Layout
Not to Scale



FILE NO: 52-30-WU-14
DRAWING NO: Warrior 2H 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 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: 891' As-Drilled 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:
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 19,288' MD

Andrew Lett, et ux; S.N.Montgomery, et ux; WV Division of Natural Resources; Claude L. Smith, et ux; Roy Blake, et ux; G. Frank Ash, et al; Ida F. Ford (2); Joseph Freeman, et ux; Champion Agate Co., Inc.

90; 11.90; 32.07; 56.07; 290; 600; 114; 58.70; 124; 112; 51; 140

WELL OPERATOR: Antero Resources Corporation
ADDRESS: 1615 Wynkoop Street, Denver, CO 80202
DESIGNATED AGENT: Dianna Stamper - CT Corporation System
ADDRESS: 5400 D Big Tyler Road, Charleston, WV 25313