

8,790' to Bottom Hole

4,188' 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

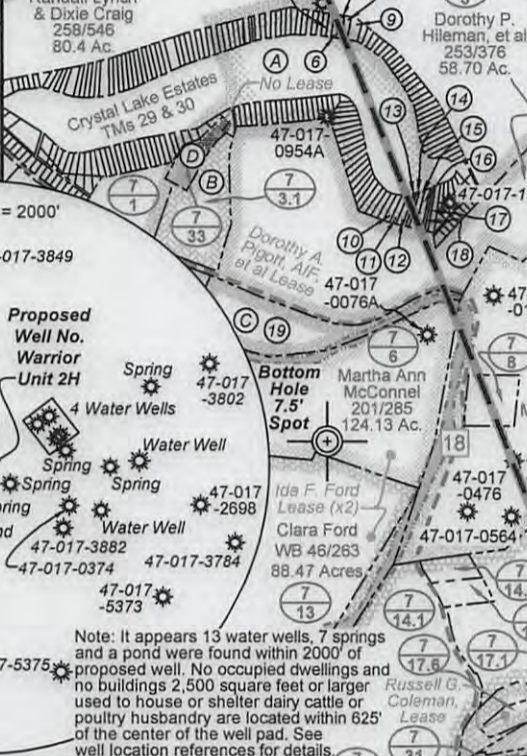
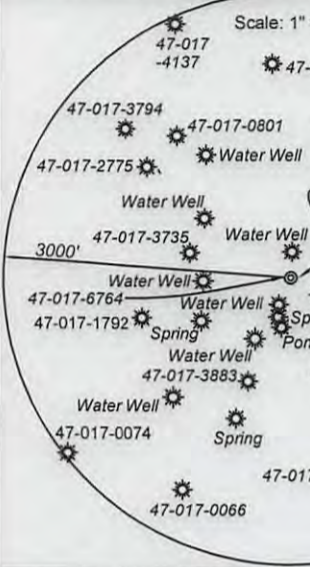
GRID NORTH
15,064' to Top Hole

9,853' to Bottom Hole

Antero Resources
Well No. Warrior Unit 2H
Antero Resources Corporation



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

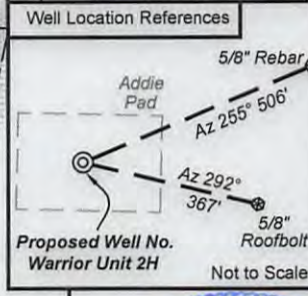


Notes:
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Warrior Unit 2H Top Hole coordinates are
N: 306,253.61' Longitude: 39°20'00.52"
E: 1,630,678.01' Longitude: 80°48'20.54"
Bottom Hole coordinates are
N: 296,123.19' Longitude: 39°18'21.39"
E: 1,637,642.59' Longitude: 80°46'50.08"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,353,811.264m N: 4,350,760.468m
E: 516,759.786m E: 518,933.032m
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



(+/-) 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 Cottrell	256 / 479	3.00
4 3 / 21	Addie Marie Leadmon	250 / 84	19.84
5 30 / 12	Jason B. & Sanya Morris Hefflin 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 79
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. 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	Richard R. Blake Jr./Ernest Edward, et al	AP 35/208	1.19
24 7 / 26.1	Michael J. Travis, et ux	178 / 50	5.40

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: 14,273,405.14'
E: 1,702,485.49'

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

WV Division of Natural Resources Lease

Barbara J. Travis, et al
WB62/674
61.46 Ac.

Monongahela Power Co.
187/658
3.29 Ac.

47-017-0611
WB62/674
14.5 Ac.

WV Division of Natural Resources Lease

G. Frank Ash, et al Lease

ALLEGHENY SURVEYS, INC.

Wellhead Layout
Not to Scale
N 88°37' W 10.0'

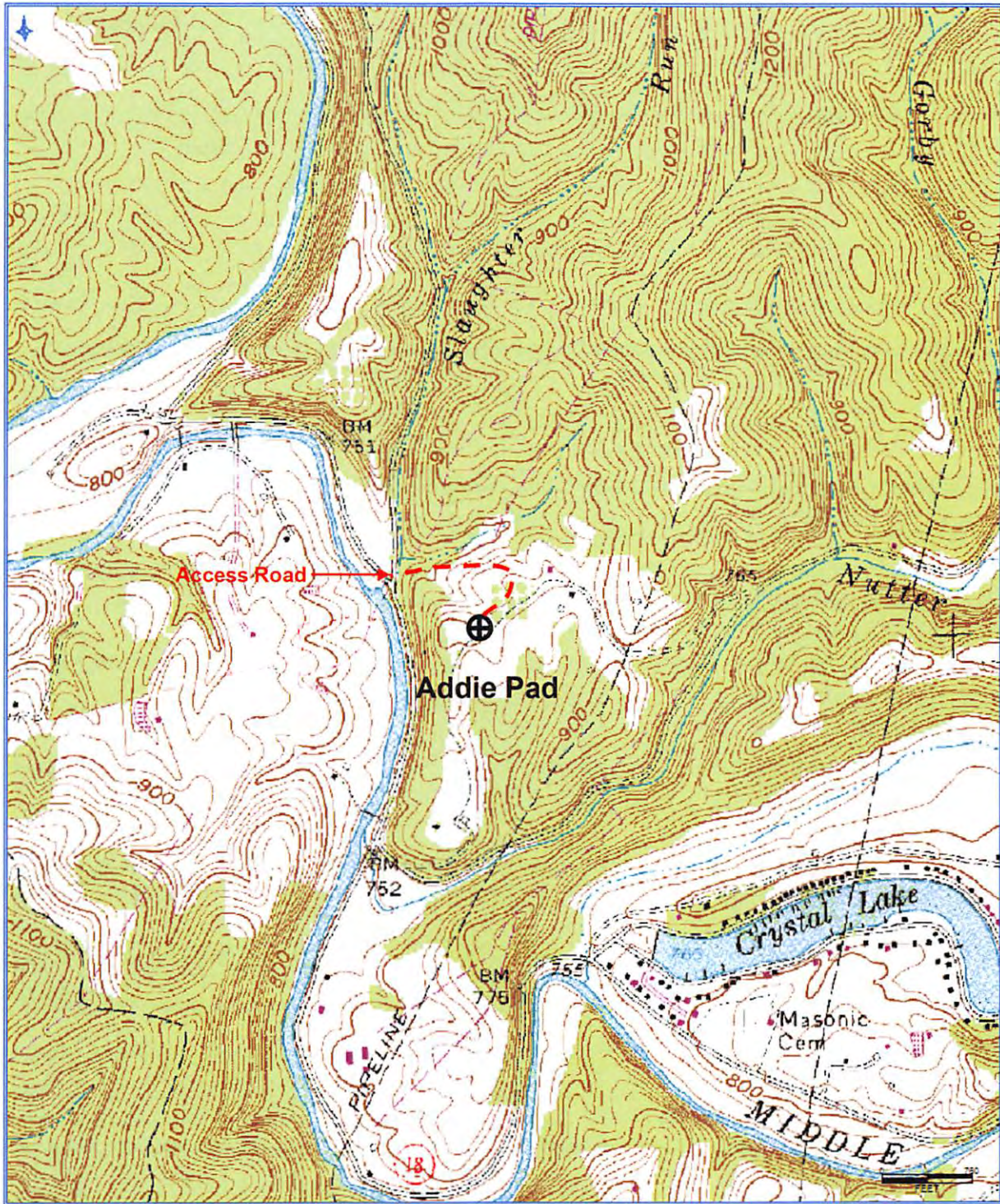
FILE NO: 52-30-WU-14
DRAWING NO: 52-14 Warrior 2H Well Plat
SCALE: 1" = 1500'
MINIMUM DEGREE OF ACCURACY:
Submeter
PROVEN SOURCE OF ELEVATION:
WVDOT, Harrisville, WV

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

DATE: February 9 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
Proposed Grade 890'
LOCATION: ELEVATION: Existing Grade 895' WATERSHED: Headwaters Middle Island Creek QUADRANGLE: West Union
DISTRICT: West Union COUNTY: Doddridge
SURFACE OWNER: Antero Resources Corp. ROYALTY OWNER: J.C. Smith, Agent for Jacob Smith Estate; Dorothy A. Pigott, AIF, et al
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: 20,700' MD

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



Antero Resources Corporation
Appalachian Basin
Warrior Unit 2H
Doddridge County

Quadrangle: West Union
Watershed: Middle Island Creek
District: West Union
Date: 11-3-2015

Received
Office of Oil & Gas
FEB 13 2017