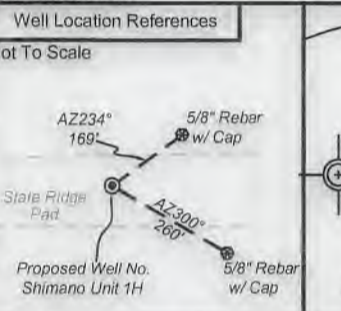


Antero Resources
Well No. Shimano Unit 1H



Antero Resources Corporation



ID	TM/Par	Owner	Bk/Pg	Acres
1	10/62	Haessley Land & Timber, LLC	334/833	268.91
2	15/1	Martin L. Blair Jr. & Ronald K. Blair Sr.	WB18/361	47.00
3	15/2	John W. Eddy Estate	71/13	49.00
4	15/14	John W. & Leah D. Starkey	345/93	50.75
5	15/3	John W. Eddy Estate	77/319	40.33
6	15/37	John D. Mendenhall & Jeffrey A. Davis	444/531	154.17
7	15/17	David Mendenhall, et al	288/662	85.71
8	15/16	Robert M. Feldmeier	330/109	52.37
9	15/15	David Mendenhall, et al	289/4	50.00
10	15/23	David Mendenhall, et al	326/13	97.25
11	15/25	Charles Loy Jr., et al	358/610	20.00
12	15/27	Ronald & Martha J. Greathouse	217/571	26.00
13	15/30	Thomas C. & Jaeudean L. Grinage	458/73	124.08
14	15/24	Charles & Wilda Lee Fruner	300/342	97.50
15	21/5	Michael & Bente H. Biddle	294/537	223.77
16	15/34	Michael & Bente H. Biddle	294/537	82.34
17	15/34.1	Randy & Pamela L. Lancaster	370/776	11.417
18	15/33	Roger D. Blizzard & Ruth E. Spencer	340/170	102.62
19	21/6	Carl E. & Elsie M. Taylor	391/181	63.50
20	21/3	Douglas O. & Monna K. Cooper	287/390	60.46
21	21/5.2	Alfred B. & Elizabeth J. Bridle	319/408	6.582
22	21/19	Ridgetop Capital II, LP	385/781	20.00
23	21/18	Ridgetop Capital II, LP	385/781	83.68
24	21/17	Stephanie & Joseph W. Havranek	254/153	10.38
25	21/16	Stephanie & Joseph W. Havranek	254/153	4.50
26	21/14	Carl E. & Elsie M. Taylor	391/181	67.91
27	21/15	Stephanie & Joseph W. Havranek	254/153	45.48

11,746' to Top Hole
8,052' to Bottom Hole
TOP HOLE LATITUDE 39 - 32 - 30
BTM HOLE LATITUDE 39 - 30 - 00

Notes:
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Shimano Unit 1H Top Hole coordinates are
N: 370,250.26' Latitude: 39°30'30.28"
E: 1,612,244.22' Longitude: 80°52'27.58"
Bottom Hole coordinates are
N: 364,517.91' Latitude: 39°29'34.15"
E: 1,615,712.46' Longitude: 80°51'42.23"
UTM Zone 17, NAD 1983
Top Hole Coordinates N: 4,373,214.197m E: 510,818.522m
Bottom Hole Coordinates N: 4,371,485.471m E: 511,904.257m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

Notes:
Well No. Shimano Unit 1H
UTM Zone 17, NAD 1927
Top Hole Coordinates
N: 14,347,072.59'
E: 1,675,862.92'
Point of Entry Coordinates
N: 14,348,518.91'
E: 1,676,975.17'
Bottom Hole Coordinates
N: 14,341,400.87'
E: 1,679,425.14'

	Bearing	Dist.
L1	S 56°09' W	2,960.3'
L2	N 77°57' W	3,428.1'
L3	N 59°31' E	2,702.2'
L4	N 66°02' E	3,869.1'
L5	N 38°31' E	1,824.6'

Note: 0 water wells or springs were found within 2000' of proposed well. No occupied dwellings or 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.

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



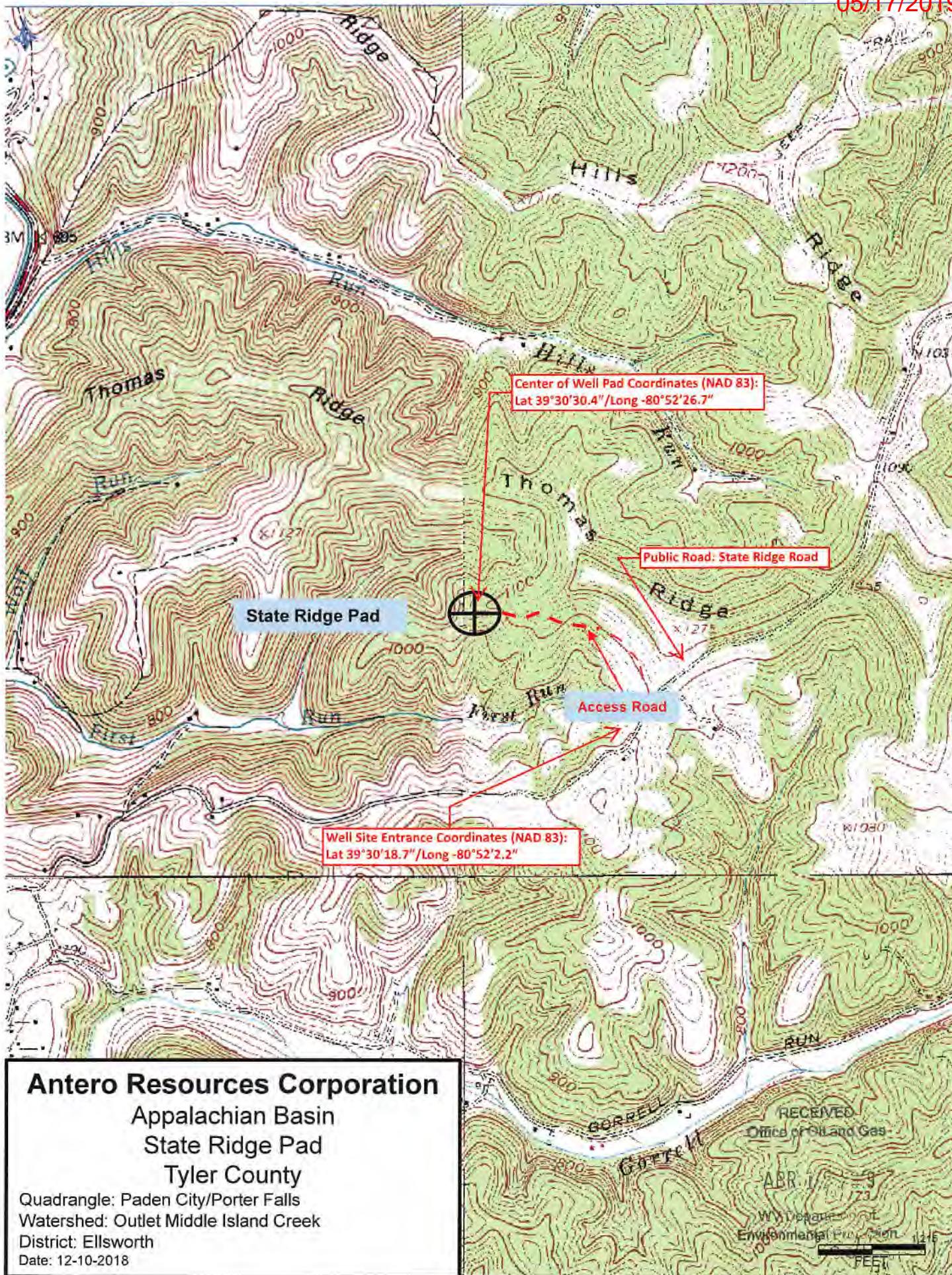
FILE NO: 38-54-E-16
DRAWING NO: Shimano 1H Well Plat
SCALE: 1" = 1500'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

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

DATE: April 9 2019
OPERATOR'S WELL NO. Shimano Unit 1H
API WELL NO
47 - 095 - 02616
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
Proposed 1,064'
LOCATION: ELEVATION: Existing 1,090' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Shirley/Porter Falls
DISTRICT: Ellsworth COUNTY: Tyler
SURFACE OWNER: John D. Mendenhall & Jeffrey A. Davis; Cliff & Virginia Perkins Irrevocable Trust; Acreage: 154.17 154.17; 40.33; 52; 130; 36;
ROYALTY OWNER: Dianne T. Carpenter; Herbert Stephenson Boreman Jr.; Chris Folger; LEASE NO: ACREAGE: 231.42344; 63.5
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 7,000' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 16,900' 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



Center of Well Pad Coordinates (NAD 83):
 Lat 39°30'30.4"/Long -80°52'26.7"

Public Road: State Ridge Road

State Ridge Pad

Access Road

Well Site Entrance Coordinates (NAD 83):
 Lat 39°30'18.7"/Long -80°52'2.2"

Antero Resources Corporation

Appalachian Basin
 State Ridge Pad
 Tyler County

Quadrangle: Paden City/Porter Falls
 Watershed: Outlet Middle Island Creek
 District: Ellsworth
 Date: 12-10-2018

RECEIVED
 Office of Oil and Gas
 APR 11 2019
 Environmental Protection
 FEET