

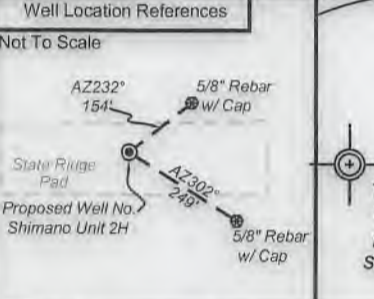
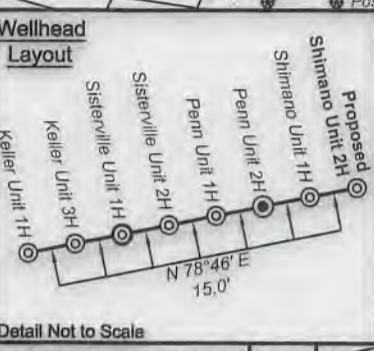
**Notes:**  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Well No. Shimano Unit 2H Top Hole coordinates are  
 N: 370,253.18' Latitude: 39°30'30.31"  
 E: 1,612,258.93' Longitude: 80°52'27.40"  
 Bottom Hole coordinates are  
 N: 365,089.87' Latitude: 39°29'39.91"  
 E: 1,616,400.50' Longitude: 80°51'32.56"  
 UTM Zone 17, NAD 1983  
 Top Hole Coordinates N: 4,373,215.162m E: 510,822.988m  
 Bottom Hole Coordinates N: 4,371,663.226m E: 512,110.961m  
 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 2H UTM Zone 17, NAD 1927  
 Top Hole Coordinates N: 14,347,075.75' E: 1,675,877.57'  
 Point of Entry Coordinates N: 14,348,785.51' E: 1,677,760.54'  
 Bottom Hole Coordinates N: 14,341,984.03' E: 1,680,103.30'

Bearing	Dist.
L1 S 56°02' W	2,946.4'
L2 N 77°51' W	3,414.3'
L3 N 59°37' E	2,716.3'
L4 N 66°04' E	3,883.7'
L5 N 48°43' E	2,544.4'

**Antero Resources**  
 Well No. Shimano Unit 2H  
 Antero Resources Corporation

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



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

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*  
 Bradley D. Miller, P.S. 2167



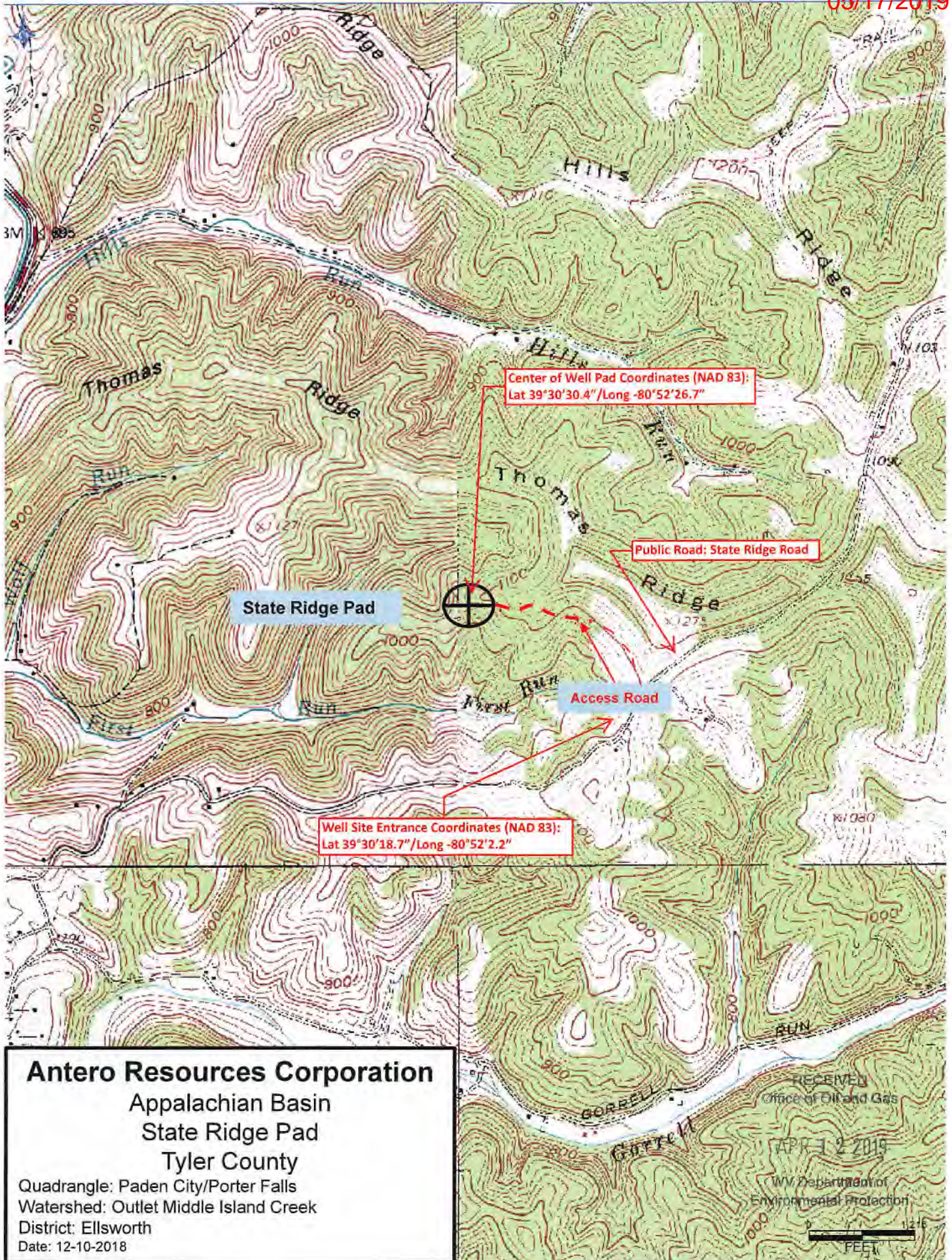
FILE NO: 38-54-E-16  
 DRAWING NO: Shimano 2H Well Plat  
 SCALE: 1" = 1500'  
 MINIMUM DEGREE OF ACCURACY: Submeter  
 PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

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

DATE: April 9 2019  
 OPERATOR'S WELL NO. Shimano Unit 2H  
 API WELL NO  
 47 - 095 - 0261764  
 STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 LOCATION: ELEVATION: Proposed 1,064' 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 (2); Karen F. Quinn; B. Fred Hill, Jr. ACREAGE: 154.17 119.578; 154.17; 40.33;  
 ROYALTY OWNER: Dianne T. Carpenter; Herbert Stephenson Boreman Jr.; Michael A. Eddy LEASE NO: ACREAGE: 231.42344; 63.5 93.757; 52; 130;  
 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: 17,200' 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



# 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