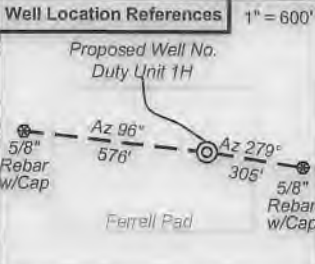


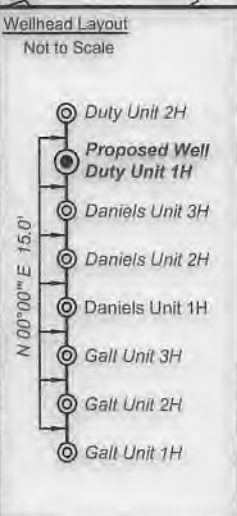
Note: 1 spring was found within 2000' of proposed well. No occupied dwellings or buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad. There were no gas wells found or documented within 3000' of the proposed well.

Notes:
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
 Well No. Duty Unit 1H Top Hole coordinates are
 N: 357,262.07' Latitude: 39°28'20.03"
 E: 1,599,942.91' Longitude: 80°55'01.90"
 Bottom Hole coordinates are
 N: 345,572.07' Latitude: 39°26'25.40"
 E: 1,605,756.80' Longitude: 80°53'45.46"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,369,194.617m E: 4,365,662.831m
 E: 507,136.923m E: 508,967.595m
 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. Duty Unit 1H
 UTM Zone 17, NAD 1927
 Top Hole Coordinates
 N: 14,333,885.38'
 E: 1,663,784.27'
 Point of Entry Coordinates
 N: 14,334,648.43'
 E: 1,665,526.19'
 Bottom Hole Coordinates
 N: 14,322,298.05'
 E: 1,669,790.41'

ID	TM/Par	Owner	Bk/Pg	Acres
1	26/19.5	James Fallucco	361/260	8.60
2	26/19.6	Donnie & Katrina A. Smith	320/498	3.92
3	26/19.7	Michael & Nancy H. Kester	368/813	5.76
4	26/19.8	Michael & Nancy H. Kester	368/813	8.99
5	26/19.10	Jay Westbrook & Teresa Hill	355/456	9.36
6	26/5	Robert L. Keller	312/330	20.01
7	26/7	Robert L. Keller	312/330	22.09
8	26/8	Robert L. Keller	312/330	17.78
9	26/41	C.W. Reed Est. & Charles Junior Reed	30/487	1.00
10	29/5	Ralph D Thacker & Carlisle J Maurice, Jr.	388/762	12.50
11	Not Used			
12	26/9.12	JB Exploration I, LLC	404/352	4.29
13	26/20	Leroy & Hilda M Lancaster	193/333	20.00
14	Various	JB Exploration I, LLC	404/352	Varies
15	26/19.1	Edward Beagle, et al	WB36/480	10.84
16	26/24	Joanna Payton	345/158	4.11
17	26/25	Joanna Payton	345/158	3.95
18	26/23	Gretta Westbrook	WB33/57	2.00
19	26/6	David L. Beagle	198/261	3.90
20	26/6.1	Tammy L. Shanabarger	374/675	2.00



- Leases**
- A. Alice Moseley
 - B. Winifred Antalek
 - C. Donnie Smith, et ux
 - D. Clarence W. Mutschelknaus Sr., et al
 - E. Helen Reed, et al
 - F. Denny L. Palmer, et ux
 - G. Eric D. Westbrook, et ux
 - H. Jay D. Westbrook, et ux

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

	Bearing	Dist.
L1	S 41°39' E	2,710.6'
L2	N 55°11' W	2,315.4'
L3	N 44°21' W	1,259.8'
L4	N 88°33' E	2,252.6'
L5	N 67°18' E	1,902.4'

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

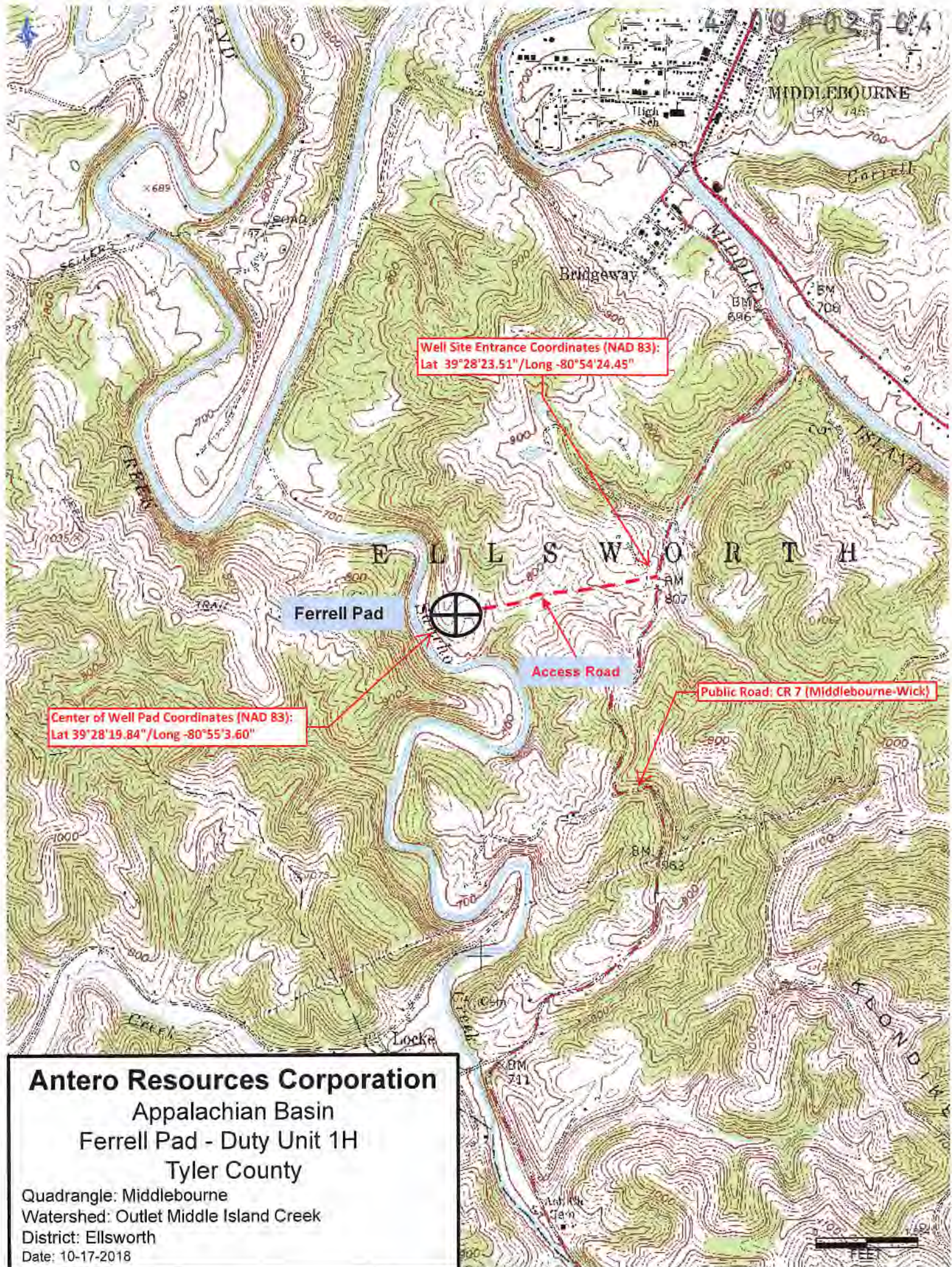
FILE NO: 216-54-E-18
 DRAWING NO: Duty Unit 1H Well Plat
 SCALE: 1" = 1500'
 MINIMUM DEGREE OF ACCURACY: Submeter
 PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

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

DATE: October 22 2018
 OPERATOR'S WELL NO. Duty Unit 1H
 API WELL NO
 47 - 095 - 02564
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: Existing 732' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Middlebourne
 DISTRICT: Ellsworth COUNTY: Tyler
 SURFACE OWNER: Antero Midstream, LLC Douglas J. Winco; Donald H. Lancaster, et ux; S.A. Smith, et al; ACREAGE: 203.59
 ROYALTY OWNER: Larry R. Henthorn, et ux; The Swan Living Trust; Michael S. Kester, et ux; James Fallucco LEASE NO: ACREAGE: 61.71875; 14.754
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ 6,600' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 22,100' 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



Well Site Entrance Coordinates (NAD 83):
Lat 39°28'23.51"/Long -80°54'24.45"

Center of Well Pad Coordinates (NAD 83):
Lat 39°28'19.84"/Long -80°55'3.60"

Ferrell Pad

Access Road

Public Road: CR 7 (Middlebourne-Wick)

Antero Resources Corporation
Appalachian Basin
Ferrell Pad - Duty Unit 1H
Tyler County

Quadrangle: Middlebourne
Watershed: Outlet Middle Island Creek
District: Ellsworth
Date: 10-17-2018