

3,146' to Bottom Hole

4,614' to Top Hole

TOP HOLE LATITUDE 39 - 30 - 00
BOTTOM HOLE LATITUDE 39 - 27 - 30

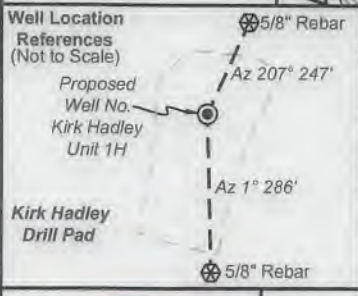
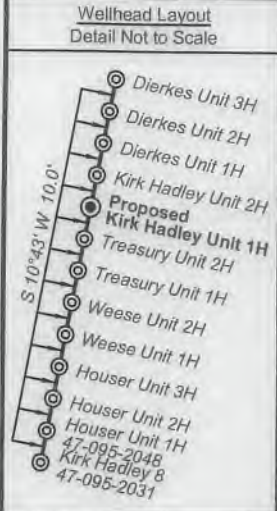
LONGITUDE 80 - 55 - 00
6,060' to Bottom Hole

13,267' to Top Hole

Antero Resources
Well No. Kirk Hadley Unit 1H
Antero Resources Corporation

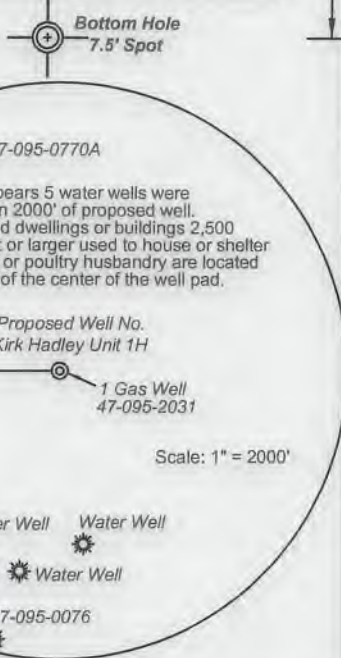
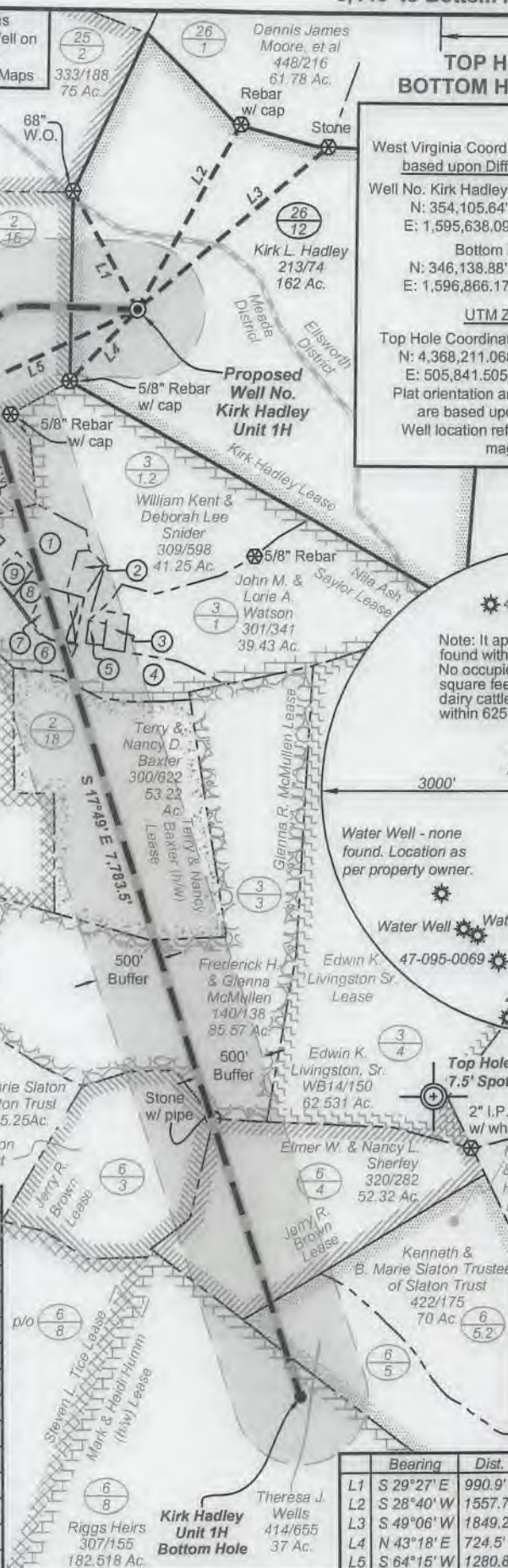
(-+) Denotes
Location of Well on
United States
Topographic Maps

Notes:
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Well No. Kirk Hadley Unit 1H Top Hole coordinates are
N: 354,105.64' Latitude: 39°27'48.16"
E: 1,595,638.09' Longitude: 80°55'56.15"
Bottom Hole coordinates are
N: 346,138.88' Latitude: 39°26'29.62"
E: 1,596,866.17' Longitude: 80°55'38.88"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,368,211.068m N: 4,365,790.222m
E: 505,841.505m E: 506,256.164m
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. Kirk Hadley Unit 1H
UTM Zone 17, NAD 1927
Top Hole Coordinates
N: 14,330,658.64' E: 1,659,534.20'
Point of Entry Coordinates
N: 14,330,083.04' E: 1,658,390.48'
Bottom Hole Coordinates
N: 14,322,716.23' E: 1,660,894.63'

TM/Par	Bk/Pg	Acres	Owner(s)	
1	2 / 17	343/794	4.00	Manuela Reynolds
2	2 / 17.3	440/356	1.39	Curtis I. Watson
3	3 / 1.1	250/527	0.995	John M. & Lorie A. Watson
4	3 / 8	298/7	7.30	William L. & Jennifer Minger
5	3 / 2	215/506	0.48	Virginia Frazier
6	2 / 17.2	440/356	0.469	Curtis I. Watson
7	2 / 17.1	390/496	2.12	Manuela Reynolds
8	2 / 17.5	311/428	0.824	Jody L. & Jennifer Smith
9	2 / 17.4	306/667	1.00	Timothy R. & Sarah M. Patterson
10	2 / 16	319/331	1.87	Opal A. Wright
11	2 / 16.1	287/24	10.80	Timothy Patterson
12	2 / 16.2	349/249	0.76	Brenda L. George
13	2 / 19.2	336/412	3.069	Roger & Daniel Patterson
14	2 / 5.3	345/52	5.76	Timothy B. & Lisa D. Bowen



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



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

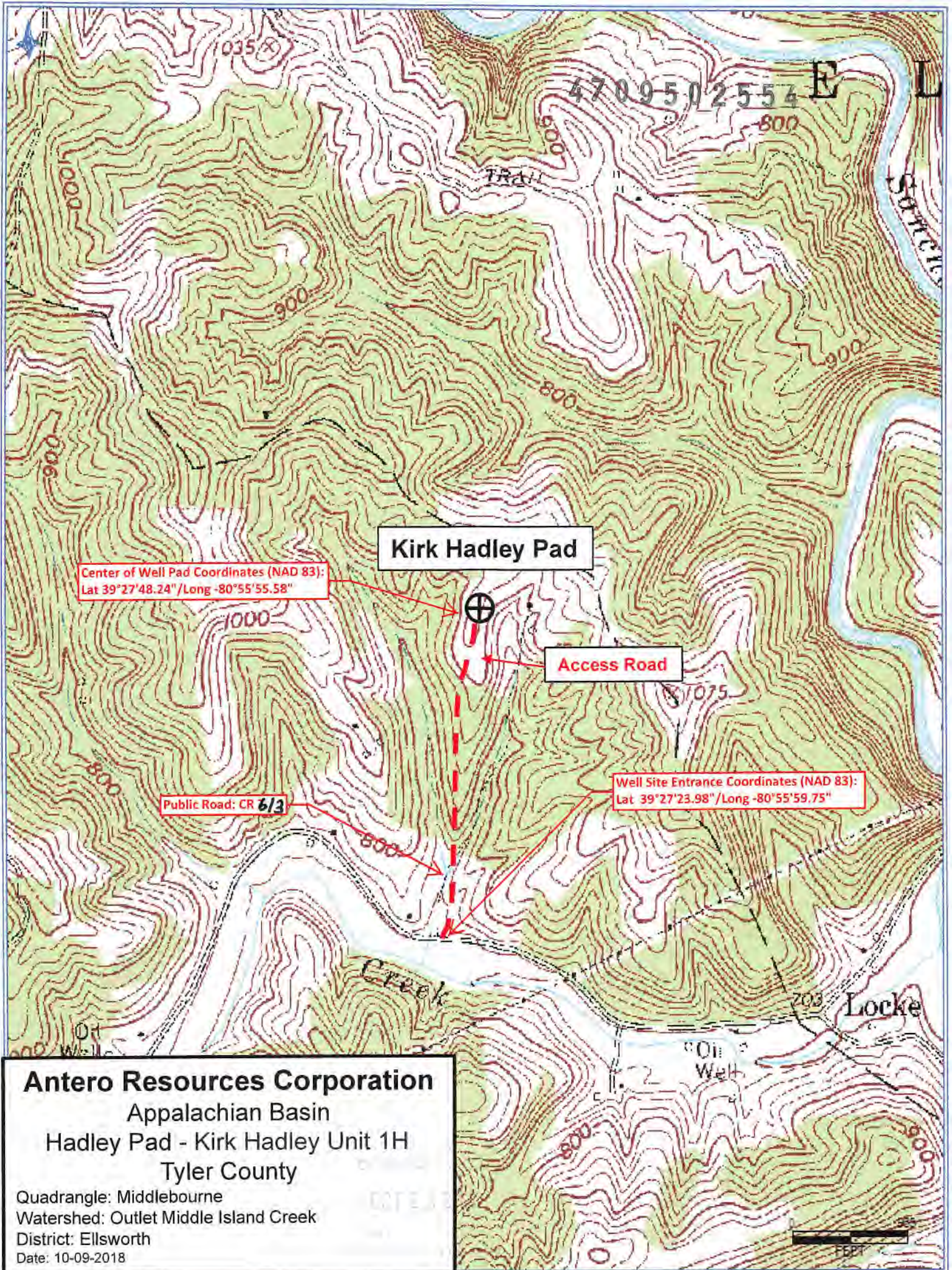
FILE NO: 219-54-M-16
DRAWING NO: Kirk Hadley 1H-A Well Plat
SCALE: 1" = 1200'
MINIMUM DEGREE OF ACCURACY:
Submeter
PROVEN SOURCE OF ELEVATION:
WVDOT, Harrisville, WV

DATE: October 5 20 18
OPERATOR'S WELL NO. Kirk Hadley Unit 1H
API WELL NO
47 - 095 - 02554
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: As-Built 912' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Middlebourne
DISTRICT: Meade COUNTY: Tyler 55; 100; 202; 125.93; 119;
SURFACE OWNER: Kirk L. Hadley ACREAGE: 162 85.57; 166.09;
ROYALTY OWNER: Kirk Hadley; Angela K. & James A. Long Jr. (h/w); Jerry R. Brown (2); LEASE NO: ACREAGE: 34; 52.321875;
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 6,700' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 16,600' 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°27'48.24"/Long -80°55'55.58"

Kirk Hadley Pad

Access Road

Public Road: CR 613

Well Site Entrance Coordinates (NAD 83):
Lat 39°27'23.98"/Long -80°55'59.75"

Antero Resources Corporation
Appalachian Basin
Hadley Pad - Kirk Hadley Unit 1H
Tyler County

Quadrangle: Middlebourne
Watershed: Outlet Middle Island Creek
District: Ellsworth
Date: 10-09-2018