

4,610' to Top Hole
779' to Bottom Hole
TOP HOLE LATITUDE 39 - 30 - 00
BOTTOM HOLE LATITUDE 39 - 27 - 30

LONGITUDE 80 - 55 - 00
5,333' to Bottom Hole

13,247' to Top Hole

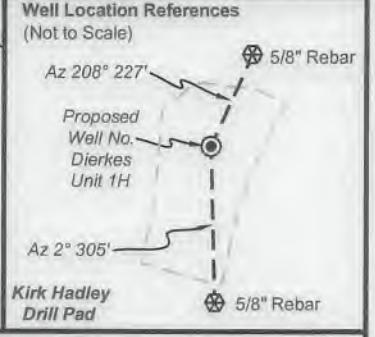
I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

Bradley D. Miller
Bradley D. Miller, P.S. 2167



Notes:

Well No. Dierkes Unit 1H
UTM Zone 17, NAD 1927
Top Hole Coordinates
N: 14,330,678.34' E: 1,659,537.59'
Point of Entry Coordinates
N: 14,330,900.81' E: 1,660,716.28'
Bottom Hole Coordinates
N: 14,323,482.19' E: 1,663,249.00'



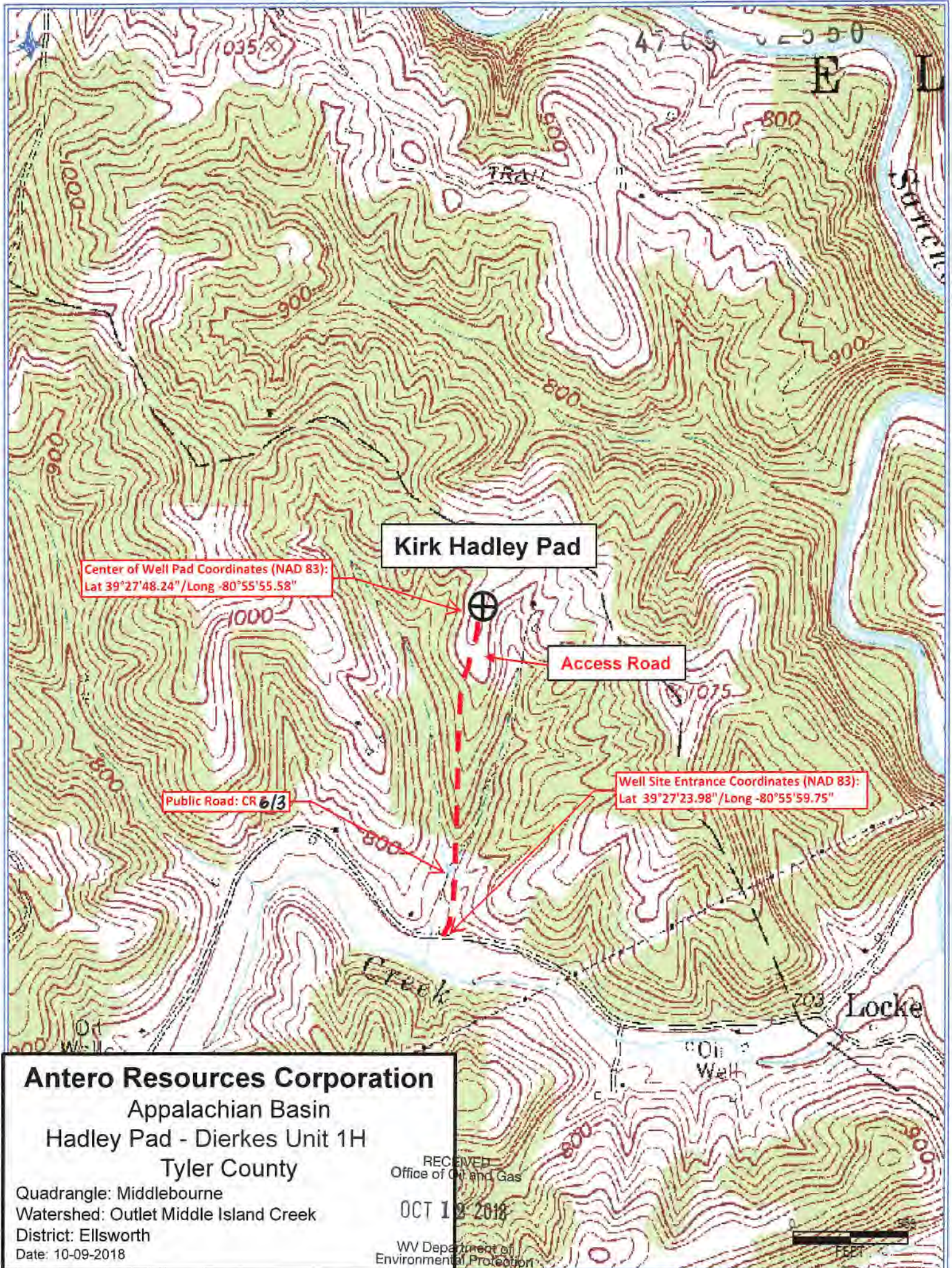
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: October 5 20 2018
OPERATOR'S WELL NO. Dierkes Unit 1H
API WELL NO
47 - 095 - 02550
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 & Ellsworth COUNTY: Tyler
SURFACE OWNER: Kirk L. Hadley Nila Ash Saylor, Virgil R. & Janice McMullen (h/w) ACREAGE: 162 202; 125.93;
ROYALTY OWNER: Kirk Hadley; Edwin K. Livingston Sr.; Matthew S. Childers, et ux; LEASE NO: ACREAGE: 89.49375;
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: 16,100' 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



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 - Dierkes Unit 1H
Tyler County

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

RECEIVED
Office of Oil and Gas

OCT 12 2018

WV Department of
Environmental Protection

