

11,819' to Top Hole

2,835' to Bottom Hole

LATITUDE 39 - 32 - 30

Bottom Hole
7.5' Spot

BOTTOM HOLE LONGITUDE 80 - 52 - 30
TOP HOLE LONGITUDE 80 - 50 - 00
860' to Bottom Hole

11,951' to Top Hole

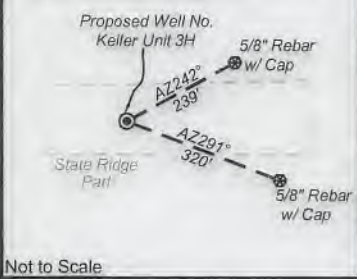
Antero Resources Well No. Keller Unit 3H

Antero Resources Corporation



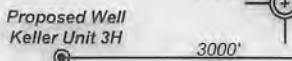
	Bearing	Dist.
L1	S 56°42' W	3,029.6'
L2	N 78°26' W	3,497.1'
L3	N 58°59' E	2,631.5'
L4	N 65°47' E	3,796.0'
L5	N 19°30' E	1,397.2'

Well Location References



Not to Scale

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

Wellhead Layout

Detail Not to Scale



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.)

Notes:
Well No. Keller Unit 3H
UTM Zone 17, NAD 1927
Top Hole Coordinates
N: 14,347,056.76'
E: 1,675,789.64'
Point of Entry Coordinates
N: 14,348,381.09'
E: 1,676,234.05'
Bottom Hole Coordinates
N: 14,358,273.95'
E: 1,672,837.81'

ID	TM/Par	Owner	Bk/Pg	Acres
1	15/22	Donald Jr. & Marlene A. MacNaughtan	366/289	99.56
2	15/17	David Mendenhall, et al	289/4	50.00
3	15/16	Robert M. Feldmeier	330/109	52.37
4	15/14	John W. & Leah D. Starkey	345/93	50.75
5	15/3	John W. Eddy Estate	77/319	40.33
6	15/4	Board of Education	86/145	0.334
7	15/2	John W. Eddy Estate	71/13	49.00
8	10/35	Michael E. Neff	299/601	105.56
9	10/34	Oliver T. & Maxine M. Ankrom	265/399	11.00
10	10/33	Oliver T. & Maxine M. Ankrom	265/399	17.00
11	10/32	Ralph D. & Sylvia Harter	311/200	15.00
12	10/29	Robert P. & Sharon L. Thomas	335/366	30.00
13	10/34.1	Robert P. & Sharon L. Thomas	542/657	2.21
14	10/31	Ralph D. & Sylvia Harter	286/73	38.80
15	10/26	John E. Roberts	WB30/108	4.00
16	10/27	John E. Roberts	WB30/108	4.00
17	10/24.1	Ralph D. & Sylvia Harter	334/277	18.44
18	10/22	Michael V. & Debra K. Smith	335/619	59.42
19	10/28	John E. Roberts	WB30/142	38.99
20	9/19	John E. Roberts	185/263	22.67
21	9/17	Daniel J. & Rebecca B. Stillwagoner	562/565	47.30
22	9/18	Daniel J. & Rebecca B. Stillwagoner	562/565	0.2202
23	6/40	Alan D. Wyke	WB40/195	42.25
24	9/13	Richard A. Mercer	321/197	16.00
25	6/43	Richard Mercer	321/229	2.00
26	6/48.1	Shawna L. Staley & Steve Fletcher	402/286	4.286
27	6/48	Kevin R. & Laura Lee Roberts	347/746	3.243
28	10/71	Millie Conrad	322/54	2.78



SEAL

Leases

- A Chris Folger
- B Karen F. Quinn
- C Michael E. Neff
- D Patricia Ann Heintzman
- E Sara Blanche Lilly

Notes:
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Keller Unit 3H Top Hole coordinates are
N: 370,235.65' Latitude: 39°30'30.12"
E: 1,612,170.66' Longitude: 80°52'28.52"
Bottom Hole coordinates are
N: 381,504.40' Latitude: 39°32'21.07"
E: 1,609,405.55' Longitude: 80°53'06.01"
UTM Zone 17, NAD 1983
Top Hole Coordinates N: 4,373,209.371m E: 510,796.185m
Bottom Hole Coordinates N: 4,376,628.387m E: 509,896.576m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

FILE NO: 35-54-E-16
DRAWING NO: 35-16 Keller 3H Well Plat
SCALE: 1" = 1500'
MINIMUM DEGREE OF ACCURACY:
Submeter
PROVEN SOURCE OF ELEVATION:
WVDOT, Harrisville, WV

STATE OF WEST VIRGINIA

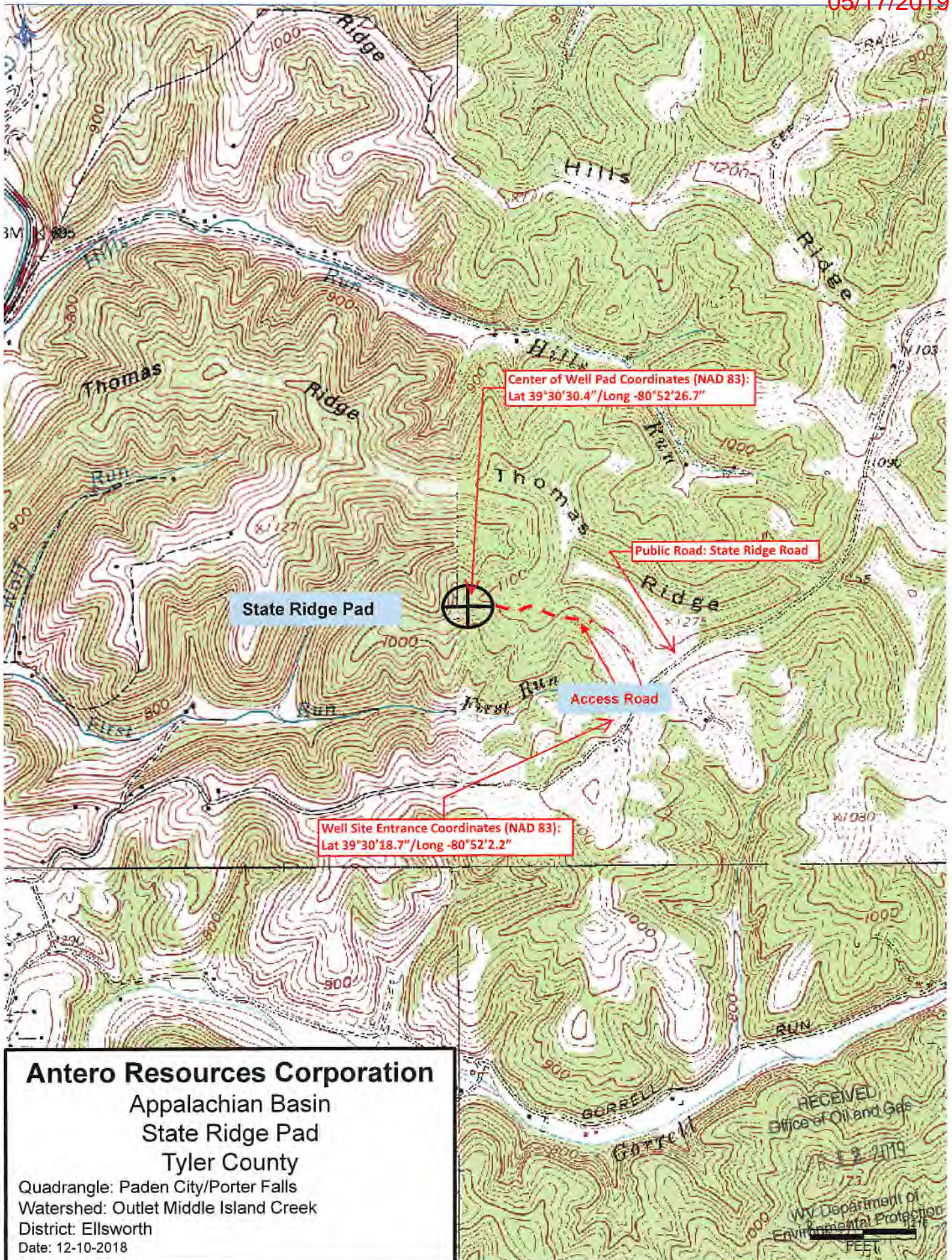
DEPARTMENT OF ENVIRONMENTAL PROTECTION

OIL AND GAS DIVISION

DATE: April 9 2019
OPERATOR'S WELL NO. Keller Unit 3H
API WELL NO
47 - 095 - 02413
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: Paden City/Porter Falls
DISTRICT: Ellsworth COUNTY: Tyler
SURFACE OWNER: John D. Mendenhall & Jeffrey A. Davis John E. Roberts (2); Rosemary Smith Haught; ACREAGE: 154.17 100; 76.998; 195.47; 154.17;
ROYALTY OWNER: Rosemary Haught; Dianne T. Carpenter; Patricia Ann Heintzman LEASE NO: ACREAGE: 85.8; 48.5;
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 6,900' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 19,200' 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

RECEIVED
 Office of Oil and Gas
 APR 2 2019
 WV Department of Environmental Protection
 PEEL