

LATITUDE 39°15'00"

8,083'

1,879' TO BOTTOM HOLE

LATITUDE 39°17'30"

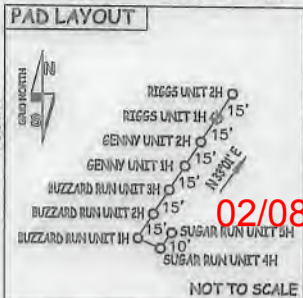
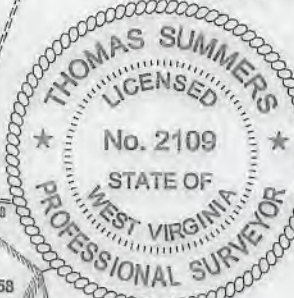
LONGITUDE 80°57'30"

13,120'

LONGITUDE 80°55'00"

Antero Resources Corporation Well No. Riggs Unit 1H

NOTE
NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.



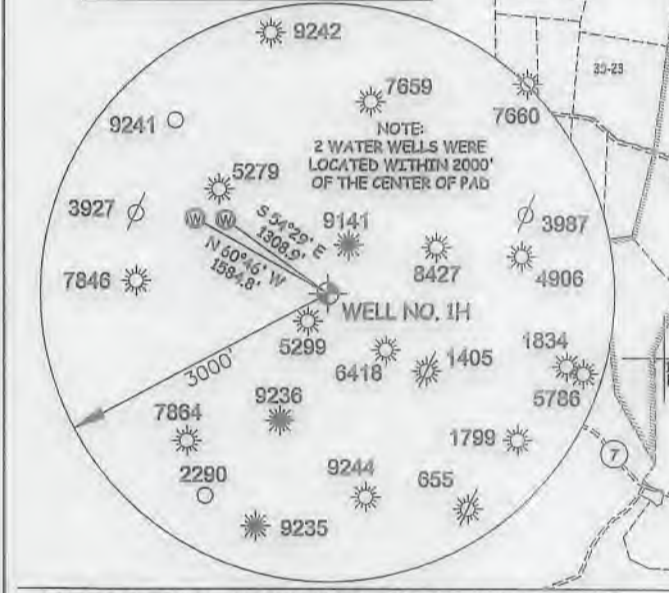
02/08/2019

(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
N: 14,239,851ft E: 1,655,940ft
POINT OF ENTRY INFORMATION:
N: 14,239,655ft E: 1,655,205ft
BOTTOM HOLE INFORMATION:
N: 14,253,890ft E: 1,650,333ft

NOTES:
WELL 1H TOP HOLE INFORMATION:
N: 263,339ft E: 1,590,527ft
LAT: 39°12'50.32" LON: 80°56'42.70"
BOTTOM HOLE INFORMATION:
N: 277,475ft E: 1,585,153ft
LAT: 39°15'09.16" LON: 80°57'53.89"
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
N: 4,340,533m E: 504,746m
BOTTOM HOLE INFORMATION:
N: 4,344,812m E: 503,037m

WV NORTH ZONE GRID NORTH



Clay District - Ritchie County	
30-15	Joseph Wilson
30-27	Joseph Wilson
30-40	Susie Parkins
30-41	Ray Taylor
30-42	Joseph Wilson
35-05	E L F LLC
35-12	E L F LLC
35-26	Donald McCray
35-27	Kevin Headley
35-28	Brian Taylor
35-36	H. L. Jones
35-37	W. B. Hogue
36-26	Maqhan Clovis
36-27	James Elder
39-09	Howard Harnish
40-01	Michael Somms
40-02	Scott Williams
40-03	Tommy Postlethwait
40-07	James Mesters
1H BOTTOM HOLE	
40-7.1	Terry Lee Richards
40-09	Terry Lee Richards
40-13	Tommy Postlethwait
40-14	Duane Riggs
40-18	Duane Riggs

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 PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

WILLOW LAND SURVEYING PLLC
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

JOB # 18-024WA
DRAWING # RIGGS1HR
SCALE 1" = 2000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

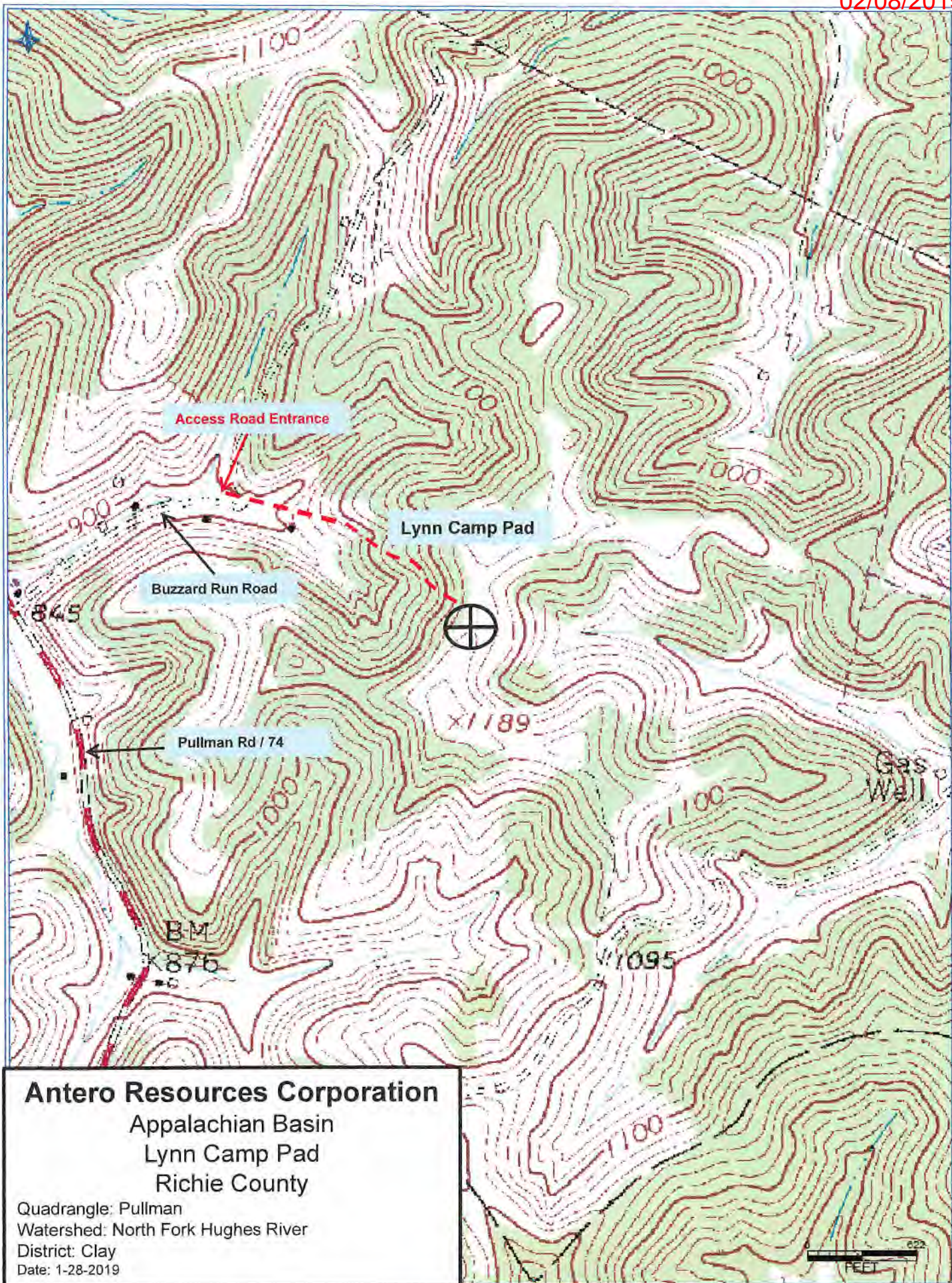
LEGEND
----- Surface Owner Boundary Lines +/-
----- Interior Surface Tracts +/-
----- Existing Fence
⊕ Found monument, as noted
Thomas Summers
THOMAS SUMMERS P.S. 2109
DATE 11/13/18
OPERATOR'S WELL# RIGGS UNIT 1H



WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___ 47 - 085 - 10384
 (IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW STATE COUNTY PERMIT
 LOCATION: ELEVATION 1,162' ORIGINAL - 1,149' PROPOSED WATERSHED NORTH FORK HUGHES RIVER QUADRANGLE PULLMAN 7.5' (SHL) PENNSBORO 7.5' (BHL)
 SURFACE OWNER TERRY LEE RICHARDS ACREAGE 60 ACRES +/- DISTRICT CLAY COUNTY RITCHIE
 OIL & GAS ROYALTY OWNER LORETTA K. CLARK BARE ET AL; MILES H. LAMM ET UX; WANEMA RIGGS ET VIR; LEASE ACREAGE 60 AC±; 44 AC±; 23.5 AC±;
 STEPHEN LENTZ SR. ET UX; IRA J. LAMM ET AL; DUANE RIGGS; THOMAS G. BEE ET UX; ALMARINE HOUGE; HARRY J. TAYLOR; 7.35 AC±; 38 AC±; 42.5 AC±; 63.19 AC±; 80 AC±; 155 AC±;
 MARY HOLLAND ET VIR; GROVER C. TAYLOR ET AL; LENA R. CARR ET AL; DALE WEEKELY ET AL; 220 AC±; 577 AC±; 163 AC±; 140 AC±;
 PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL
 (SPECIFY) ___ PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,800' TVD 23,400' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
 ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

COUNTY NAME

PERMIT



Antero Resources Corporation
Appalachian Basin
Lynn Camp Pad
Richie County

Quadrangle: Pullman
Watershed: North Fork Hughes River
District: Clay
Date: 1-28-2019

