

LATITUDE 39°20'00"

6,834'

LONGITUDE 80°52'30"

LATITUDE 39°22'30"

LONGITUDE 80°52'30"

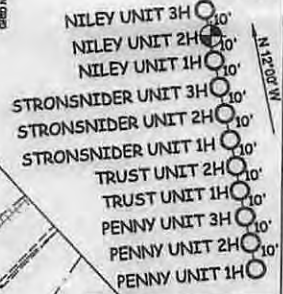
NOTES:
 WELL 2H TOP HOLE INFORMATION:
 N: 302,697ft E: 1,604,186ft
 LAT: 39°19'21.43" LON: 80°53'56.97"
 BOTTOM HOLE INFORMATION:
 N: 310,049ft E: 1,603,676ft
 LAT: 39°20'34.02" LON: 80°54'04.92"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE 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 2H TOP HOLE INFORMATION:
 N: 4,352,593m E: 508,707m
 BOTTOM HOLE INFORMATION:
 N: 4,354,830m E: 508,514m

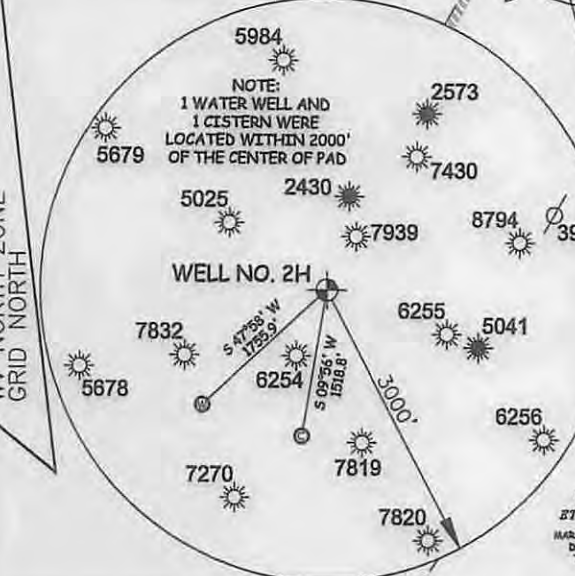
Antero Resources Corporation
Well No. Niley Unit 2H

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.

PAD LAYOUT
 NOT TO SCALE



REFERENCES 1" = 200'
 STAKE/NAIL, SET



JOB # 15-045WA
 DRAWING # NILEY2H
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

THOMAS SUMMERS P.S. 2109

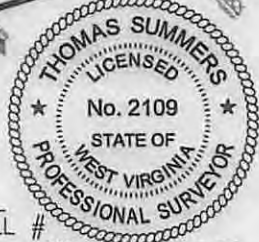
DATE 08/04/15
 OPERATOR'S WELL# NILEY UNIT #2H

LEGEND
 - - - - - Surface Owner Boundary Lines +/-
 - - - - - Interior Surface Tracts +/-
 - x - x - x - Existing Fence
 ⊕ Found monument, as noted

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.

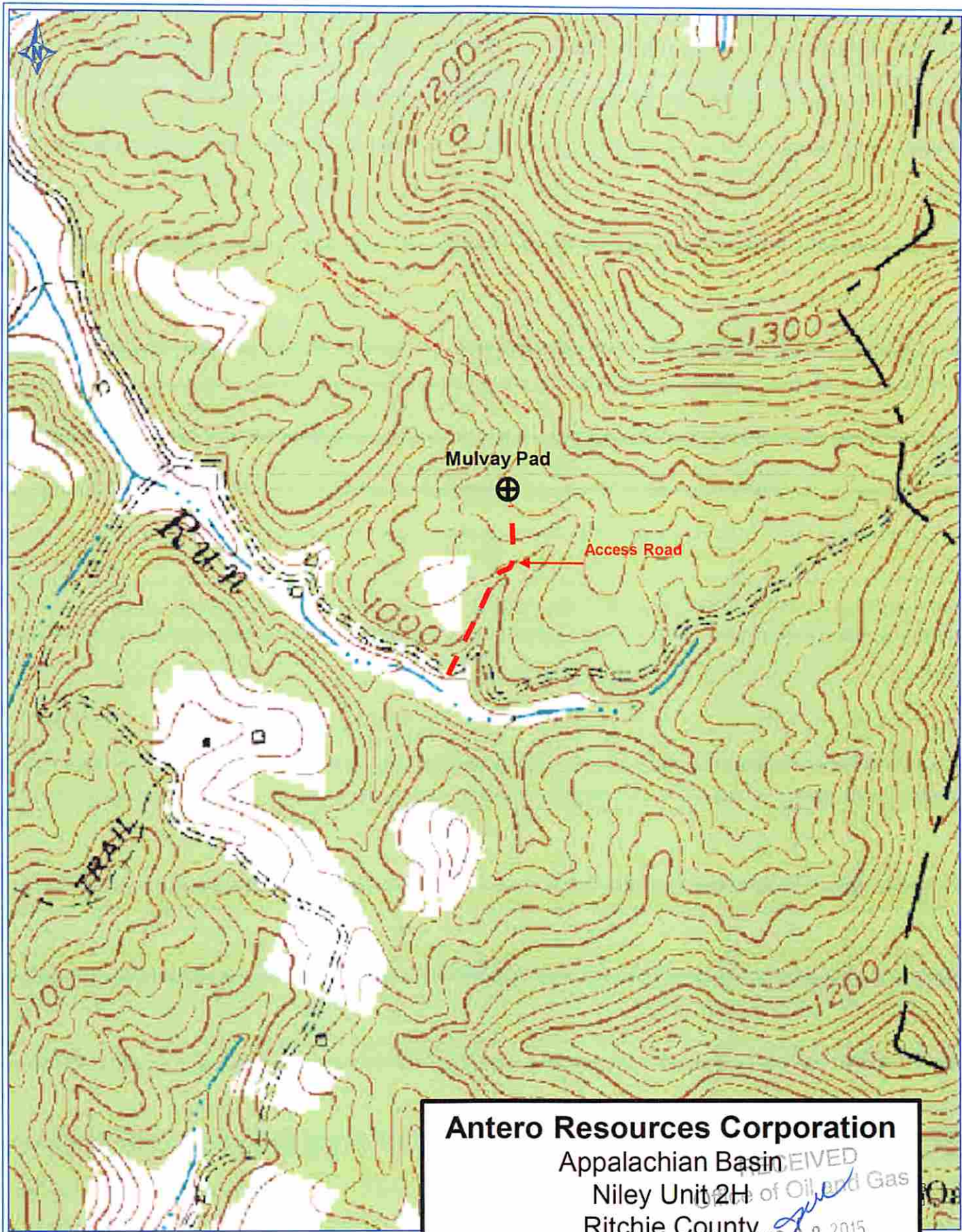


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 WILLOW LAND SURVEYING PLLC
 266 HUSHERS RUN RD PENNSBORO WEST VIRGINIA 26415



STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1,036' ORIGINAL - 1,029' AS-DRILLED WATERSHED NORTH FORK HUGHES RIVER
 QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY RITCHIE
 SURFACE OWNER EDWIN D. MULVAY ET AL ACREAGE 152.5 ACRES +/-
 OIL & GAS ROYALTY OWNER EDWIN DELMAR MULVAY ET AL; RALPH LANTZ ET UX; WINOLA CARMAN; ADA A. LANTZ ET VIR; LEASE ACREAGE 152 AC ±; 32.06 AC ±; 141.5 AC ±; 10/02/2015
 MARSH LANTZ ET AL; EMMA COOPER SHAHAN ET VIR; BELVIA FLEMING; MARGARET A. THOMAS ET VIR; H.K. HAYMOND ET AL 35 AC ±; 52 AC ±; 87.75 AC ±; 135 AC ±; 141.5 AC ±
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,600' TVD 15,500' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
 DENVER, CO 80202 CHARLESTON, WV 25313



PETRA 12/4/2014 10:06:00 AM

Antero Resources Corporation
 Appalachian Basin
 Niley Unit 2H
 Ritchie County

RECEIVED
 WV Department of Oil and Gas
 AUG 28 2015
 WV Department of Environmental Protection

10/02/2015

Quadrangle: Pennsboro
 Watershed: North Fork Hughes River
 District: Clay
 Date: 12-4-2014