

LATITUDE 39°20'00" 6,832'

LATITUDE 39°22'30"

LONGITUDE 80°52'30"

LONGITUDE 80°52'30"

LONGITUDE 80°52'30"

LONGITUDE 80°52'30"

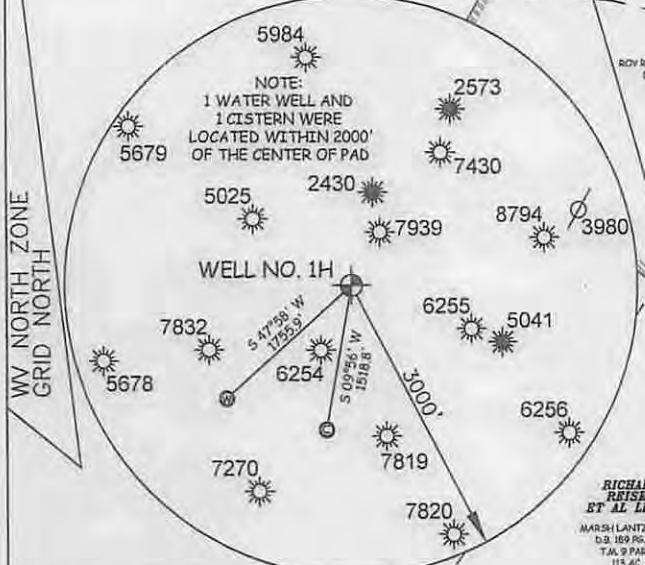
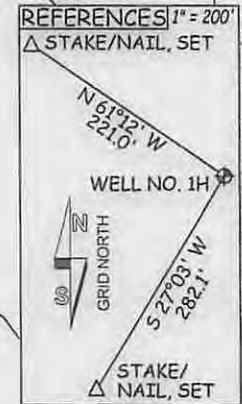
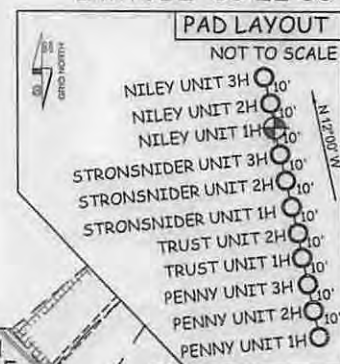
LONGITUDE 80°52'30"

LONGITUDE 80°52'30"

NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 302,688ft E: 1,604,188ft
 LAT: 39°19'21.34" LON: 80°53'56.94"
 BOTTOM HOLE INFORMATION:
 N: 310,197ft E: 1,602,910ft
 LAT: 39°20'35.35" LON: 80°54'14.69"
 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: 4,352,590m E: 508,708m
 BOTTOM HOLE INFORMATION:
 N: 4,354,871m E: 508,280m

Antero Resources Corporation
 Well No. Niley Unit 1H



JOB # 15-045WA
 DRAWING # NILEY1H
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

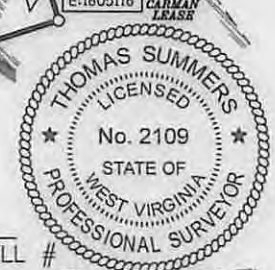
THOMAS SUMMERS P.S. 2109
 DATE 08/04/15
 OPERATOR'S WELL# NILEY UNIT #1H

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 1,038' ORIGINAL - 1,029' AS-DRILLED WATERSHED NORTH FORK HUGHES RIVER
 QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY RITCHIE

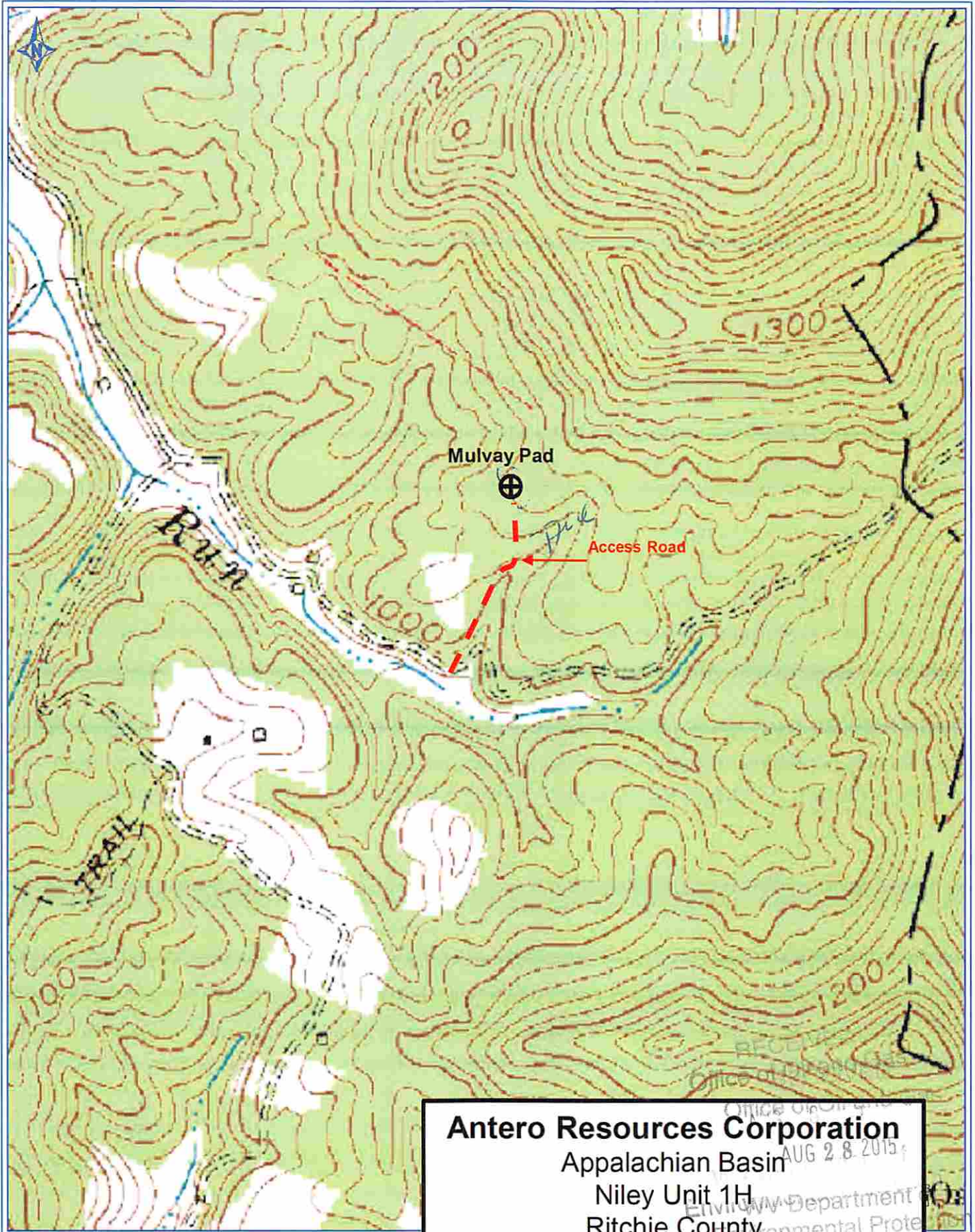
SURFACE OWNER EDWIN D. MULVAY ET AL ACREAGE 152.5 ACRES +/-
 OIL & GAS ROYALTY OWNER EDWIN DELMAR MULVAY ET AL; WINOLA CARMAN; RALPH LANTZ ET UX; LEASE ACREAGE 152 AC±; 23.94 AC±; 32.06 AC±
 MARSH LANTZ ET AL; EMMA COOPER SHAHAN ET VIR; WINOLA CARMAN; CAROLYN A. ZANDERS; MARGARET A. THOMAS ET VIR; H.K. HAYMOND ET AL 35 AC±; 52 AC±; 20.5 AC±; 124 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) _____ PLUG & ABANDON CLEAN OUT & REPLUG

TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,600' TVD 15,100' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT CT CORPORATION SYSTEM
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
 DENVER, CO 80202 CHARLESTON, WV 25313

10/02/2015



PETRA 12/4/2014 10:05:00 AM

Antero Resources Corporation
 Appalachian Basin
 Niley Unit 1H
 Ritchie County

Office of
 Environmental Protection
 AUG 28 2015
 Environmental Protection

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

10/02/2015