

LATITUDE 39°22'30" ← 2,013'

LATITUDE 39°22'30"

9,962' TO BOTTOM HOLE

LONGITUDE 80°55'00"

LONGITUDE 80°52'30"

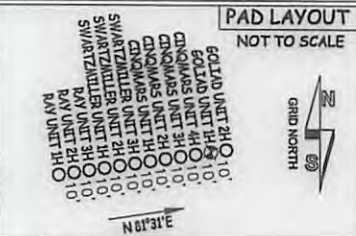
Antero Resources Corporation
Well No. Goliad Unit 1H

WELL NO. 1H

POINT OF ENTRY

NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 320,643ft E: 1,597,501ft
 1H TOP HOLE
 LAT: 39°22'17.75" LON: 80°55'25.64"
 BOTTOM HOLE INFORMATION:
 N: 311,398ft E: 1,601,191ft
 LAT: 39°20'46.96" LON: 80°54'36.81"
 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: 4,358,026m E: 506,579m
 BOTTOM HOLE INFORMATION:
 N: 4,355,228m E: 507,750m

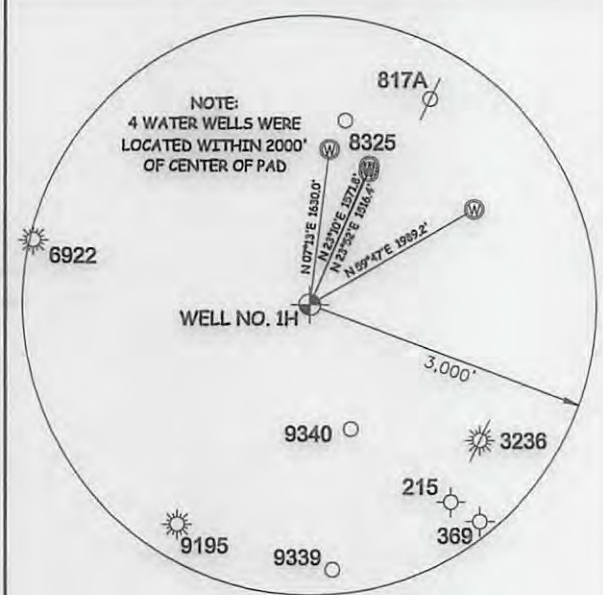


(NAD) 27 (UTM) ZONE 17 COORDS:
 WELL 1H TOP HOLE INFORMATION:
 N: 14,297,243ft E: 1,661,955ft
 POINT OF ENTRY INFORMATION:
 N: 14,297,358ft E: 1,662,565ft
 BOTTOM HOLE INFORMATION:
 N: 14,288,065ft E: 1,665,797ft

JOB # 16-051WA
 DRAWING # GOLIAD1H
 SCALE 1" = 1000'
 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 +/-
 - x - x - Interior Surface Tracts +/-
 - x - x - Existing Fence
 ⊕ Found monument, as noted

DOUGLAS R. ROWE P.S. 2202
 DATE 01/13/17



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.

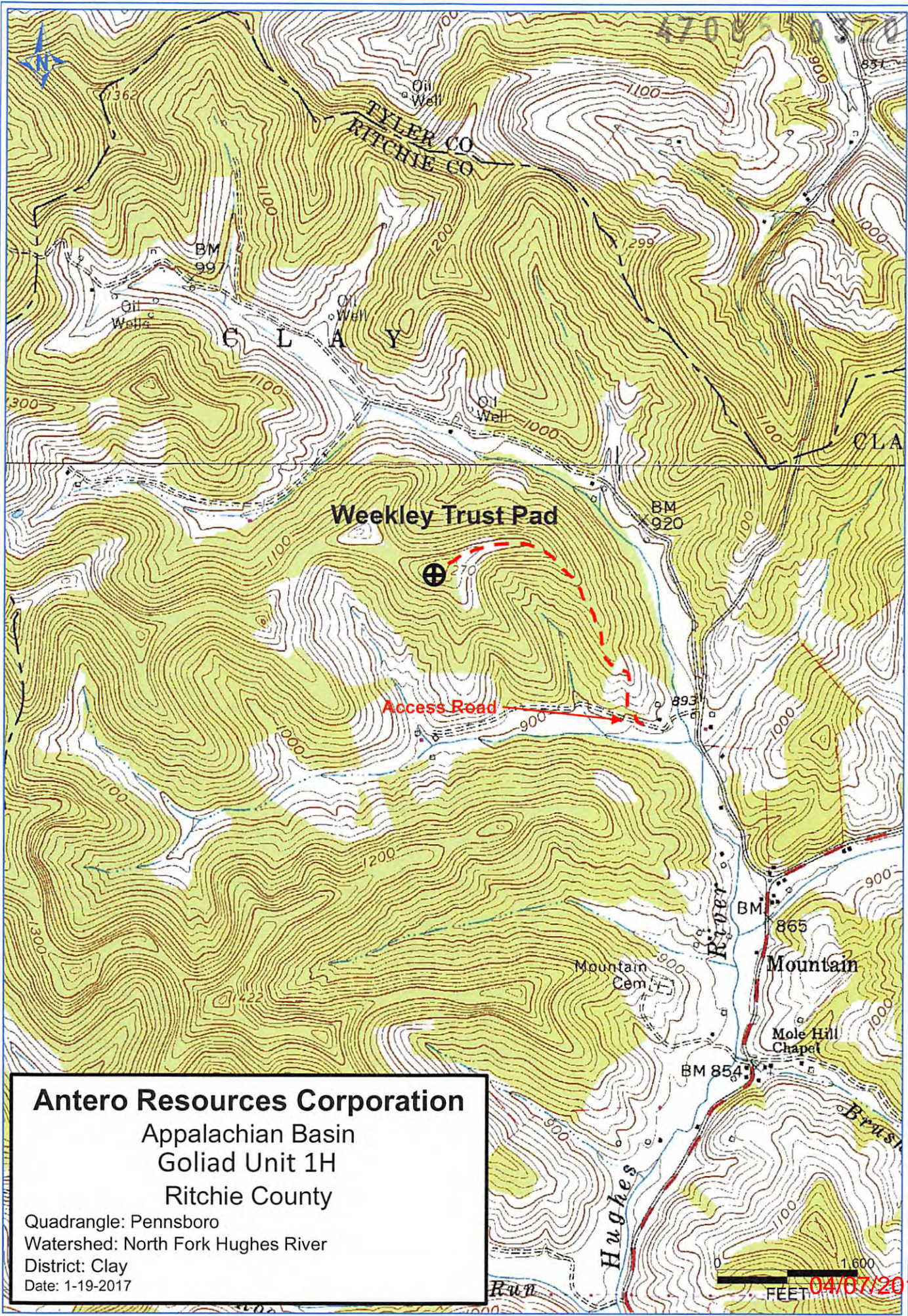


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 WILLOW LAND SURVEYING PLLC
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

REFERENCES



WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL OPERATOR'S WELL# GOLIAD UNIT #1H 04/07/2017
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW 47 - 085
 LOCATION: ELEVATION 1,285' - ORIGINAL 1,235' - PROPOSED WATERSHED NORTH FORK HUGHES RIVER STATE COUNTY PERMIT
 QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY RITCHIE
 SURFACE OWNER DAVID WEEKLY REVOCABLE TRUST ACREAGE 203.38 ACRES +/-
 OIL & GAS ROYALTY OWNER DAVID WEEKLY REVOCABLE TRUST; EDWARD CLISSOLD; HELEN MCCULLOUGH; EMERSON MCCULLOUGH; ROBERT MCCULLOUGH LEASE ACREAGE 229 AC±; 22.5 AC±; 103 AC±; 154 AC±; 148.5 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 6,900' TVD 17,200' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
 ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD
 DENVER, CO 80202 CHARLESTON, WV 25313



Antero Resources Corporation
Appalachian Basin
Goliad Unit 1H
Ritchie County
Quadrangle: Pennsboro
Watershed: North Fork Hughes River
District: Clay
Date: 1-19-2017

04/07/2017