

LATITUDE 39°22'30" 2,003'

LATITUDE 39°22'30"

LONGITUDE 80°52'30"

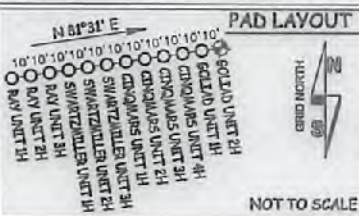
LONGITUDE 80°55'00"

10,092' TO BOTTOM HOLE

Antero Resources Corporation Well No. Goliad Unit 2H

NOTES: WELL 2H TOP HOLE INFORMATION: N: 320,644ft E: 1,597,511ft LAT: 39°22'17.76" LON: 80°55'25.51" BOTTOM HOLE INFORMATION: N: 311,723ft E: 1,601,765ft LAT: 39°20'50.26" LON: 80°54'29.56" 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.

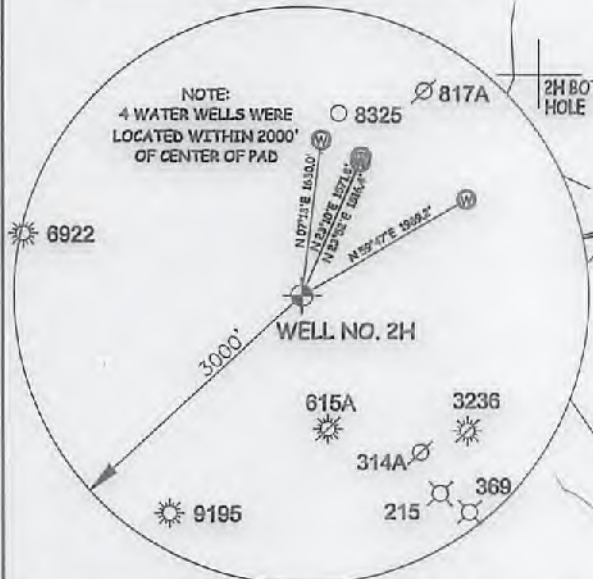
(NAD) 83 (UTM) ZONE 17 COORDS: WELL 2H TOP HOLE INFORMATION: N: 4,358,026m E: 506,582m BOTTOM HOLE INFORMATION: N: 4,355,330m E: 507,924m



WV NORTH ZONE GRID NORTH

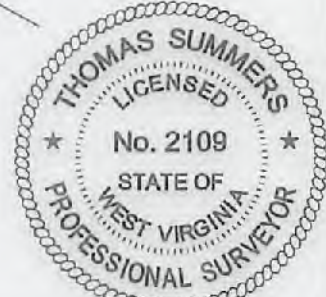
Table with columns: TM-Par, Surface Owner, Book/Pg, Acreage. Lists various land parcels and owners.

Royalty Owner table listing names A through N and their corresponding owners.



(NAD) 27 (UTM) ZONE 17 COORDS: WELL 2H TOP HOLE INFORMATION: N: 14,297,245ft E: 1,661,966ft POINT OF ENTRY INFORMATION: N: 14,297,575ft E: 1,663,209ft BOTTOM HOLE INFORMATION: N: 14,288,398ft E: 1,666,366ft

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.



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.

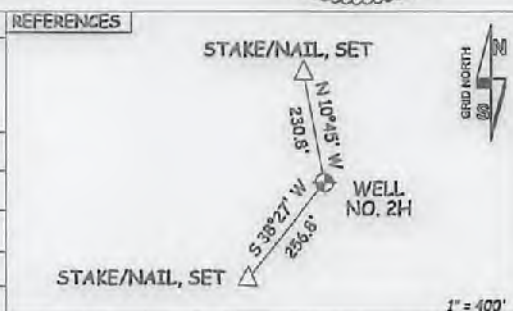


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

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

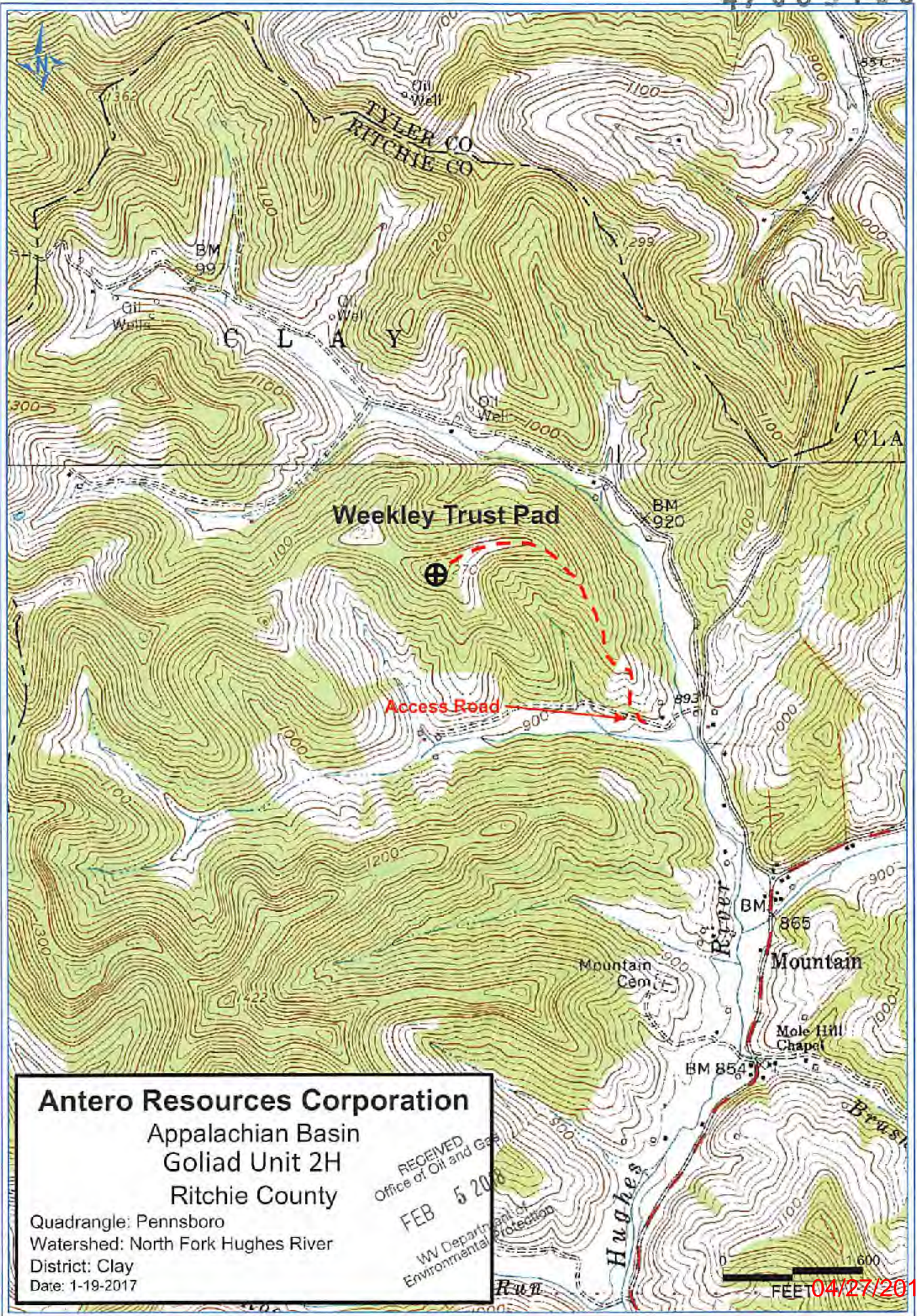
JOB # 16-051WA DRAWING # GOLIAID 2H SCALE 1" = 2000' MINIMUM DEGREE OF ACCURACY SUBMETER PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

LEGEND: Surface Owner Boundary Lines +/-, Interior Surface Tracts +/-, Existing Fence, Found monument, as noted. Includes signature of Thomas Summers and date 01/25/18.



WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 - 085 - 10345 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X STATE COUNTY PERMIT LOCATION: ELEVATION 1,265' - ORIGINAL 1,235' PROPOSED WATERSHED NORTH FORK HUGHES RIVER QUADRANGLE PENNSBORO 7.5' - TH MIDDLEBOURNE 7.5' - BH DISTRICT CLAY COUNTY RITCHIE SURFACE OWNER DAVID L. WEEKLEY REVOCABLE TRUST ACREAGE 203.38 ACRES +/- OIL & GAS ROYALTY OWNER: DAVID L. WEEKLEY REVOCABLE TRUST; GLENN ELLIS; HELEN N. McCULLOUGH; DONALD R. REYNOLDS; CARL F. BAKER ET UX; BEVERLY J. WRIGHT; EMERSON McCULLOUGH ET AL; ROBERT McCULLOUGH ET UX LEASE ACREAGE 229 AC +/-; 32 AC +/-; 103 AC +/-; 0.75 AC +/-; 4.36 AC +/-; 1.25 AC +/-; 154 AC +/-; 148.5 AC +/- PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) PLUG & ABANDON CLEAN OUT & REPLUG TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,800' TVD 18,100' 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

04/27/2018



Antero Resources Corporation
 Appalachian Basin
 Goliad Unit 2H
 Ritchie County

Quadrangle: Pennsboro
 Watershed: North Fork Hughes River
 District: Clay
 Date: 1-19-2017

RECEIVED
 Office of Oil and Gas
 FEB 5 2016
 WV Department of Environmental Protection

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 FEET 04/27/2018