

LATITUDE 39°22'30"

2,053'

1,230' TO BOTTOM HOLE

LATITUDE 39°22'30"

IH TOP HOLE

1,247' LONGITUDE 80°55'00"

9,702' TO BOTTOM HOLE LONGITUDE 80°55'00"

Antero Resources Corporation
Well No. Cinquars Unit 1H

NOTES:
WELL 1H TOP HOLE INFORMATION:
N: 320,637ft E: 1,597,462ft
LAT: 39°22'17.68" LON: 80°55'26.14"
BOTTOM HOLE INFORMATION:
N: 312,169ft E: 1,598,151ft
LAT: 39°20'54.11" LON: 80°55'15.65"
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: 4,358,024m E: 506,567m
BOTTOM HOLE INFORMATION:
N: 4,355,448m E: 506,820m

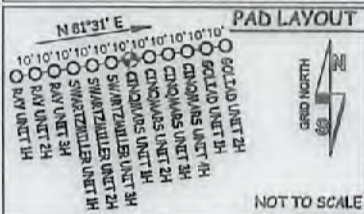
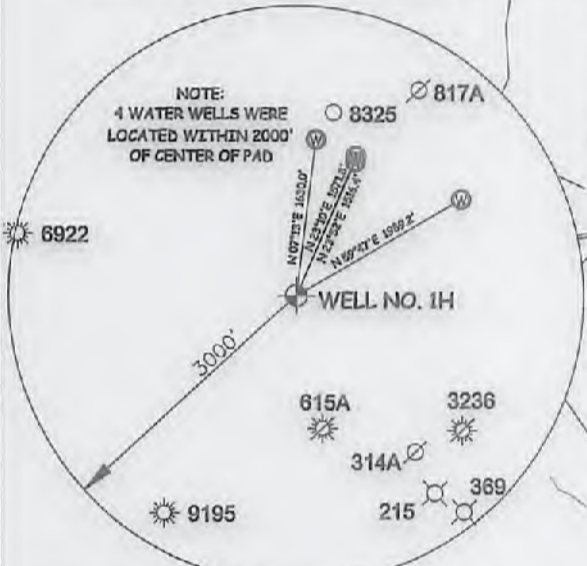


Table with 4 columns: TM-Par, Surface Owner, Book/Pg, Acreage. Lists various well parcels and their owners/acreages.

Royalty Owner table with 2 columns: Royalty Owner, Name. Lists owners for parcels A through M.

NOTE:
4 WATER WELLS WERE LOCATED WITHIN 2000' OF CENTER OF 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 PERSIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

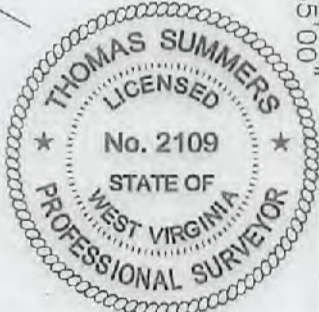


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

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

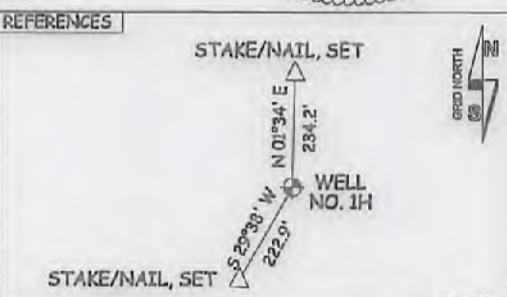
(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
N: 14,297,236ft E: 1,661,915ft
POINT OF ENTRY INFORMATION:
N: 14,296,487ft E: 1,660,087ft
BOTTOM HOLE INFORMATION:
N: 14,288,785ft E: 1,662,746ft

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.



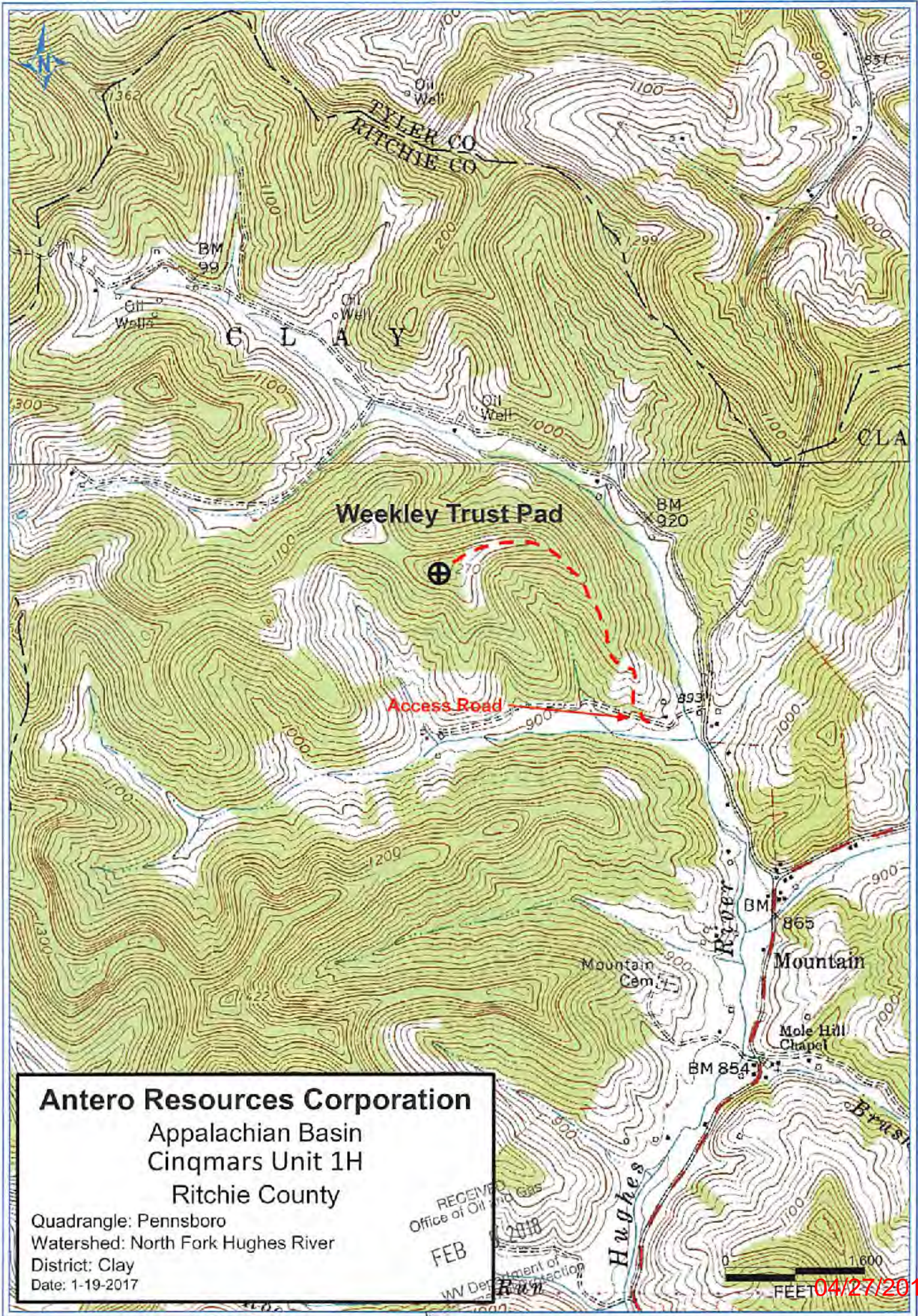
JOB # 17-045WA
DRAWING # CINQMARS 1H
SCALE 1" = 2000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

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



WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 - 085 - 1034 |
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X STATE COUNTY PERMIT
LOCATION: ELEVATION 1,285' - ORIGINAL 1,235' PROPOSED WATERSHED NORTH FORK HUGHES RIVER QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY RITCHIE
SURFACE OWNER DAVID L. WEEKLEY REVOCABLE TRUST ACREAGE 203.38 ACRES +/-
OIL & GAS ROYALTY OWNER DAVID L. WEEKLEY REVOCABLE TRUST; NORMAN FLEMING ET UX; LEASE ACREAGE 229 AC±; 130 AC±;
BRIAN KEITH JONES; HAUGHT FAMILY TRUST; JOHN A. MILLIGAN ET AL.; JOHN A. MILLIGAN ET AL.; 31 AC±; 323 AC±; 44.5 AC±; 25 AC±;
CHARLES ALLMAN; CHARLENE COTTRILL; ROBERT McCULLOUGH ET UX 60 AC±; 40 AC±; 148 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 17,300' 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 ADDRESS CHARLESTON, WV 25313

04/27/2018



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

RECEIVED
 Office of Oil and Gas
 FEB 2018
 WV Department of Conservation

04/27/2018