

LATITUDE 39°22'30"

10,389'

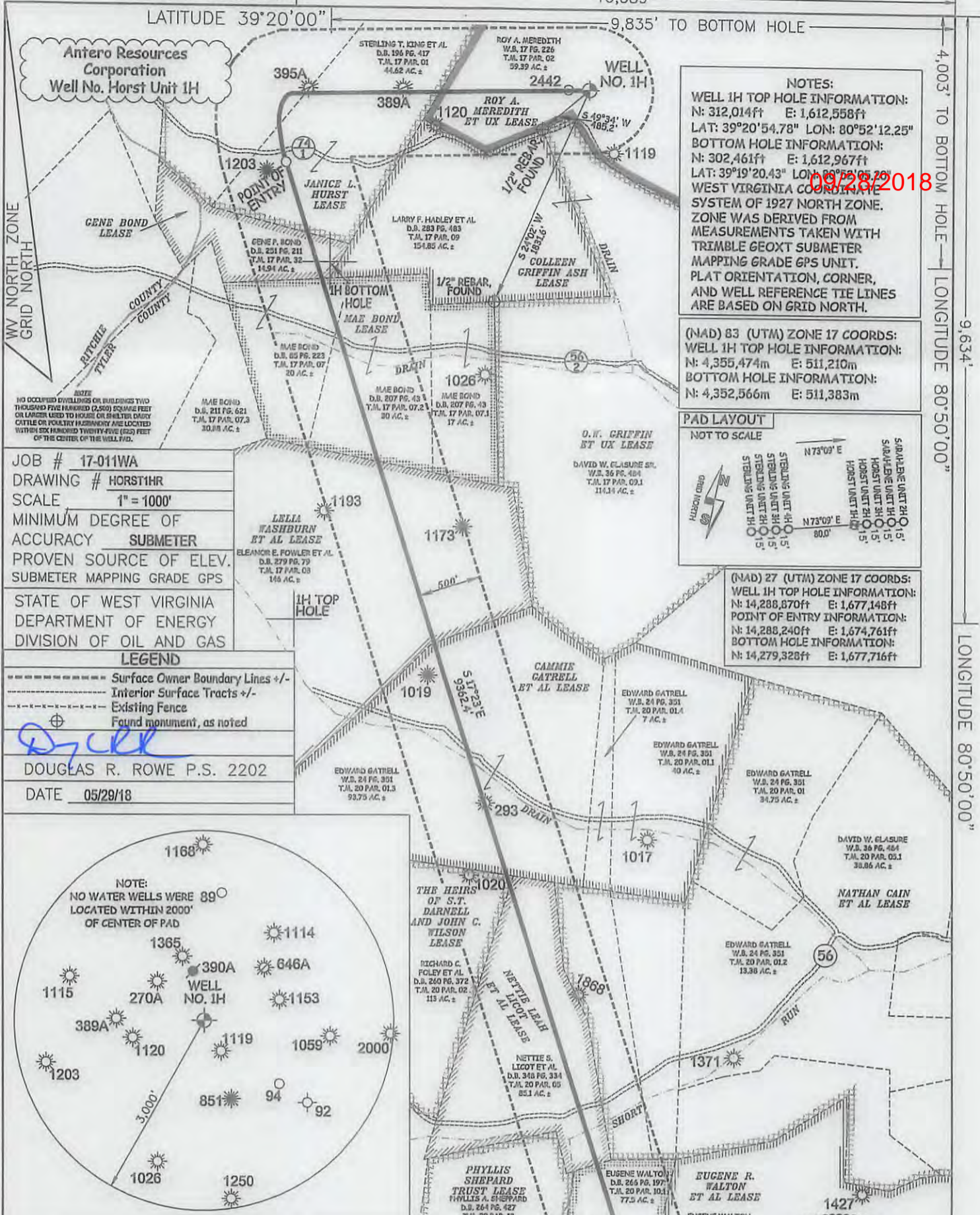
LATITUDE 39°20'00"

9,835' TO BOTTOM HOLE

4,003' TO BOTTOM HOLE

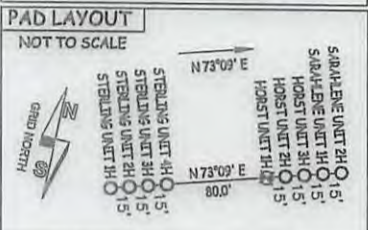
9,634'

LONGITUDE 80°50'00"



NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 312,014ft E: 1,612,558ft
 LAT: 39°20'54.78" LON: 80°52'12.25"
 BOTTOM HOLE INFORMATION:
 N: 302,461ft E: 1,612,967ft
 LAT: 39°19'20.43" LON: 80°52'19.26"
 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: 4,355,474m E: 511,210m
 BOTTOM HOLE INFORMATION:
 N: 4,352,566m E: 511,383m

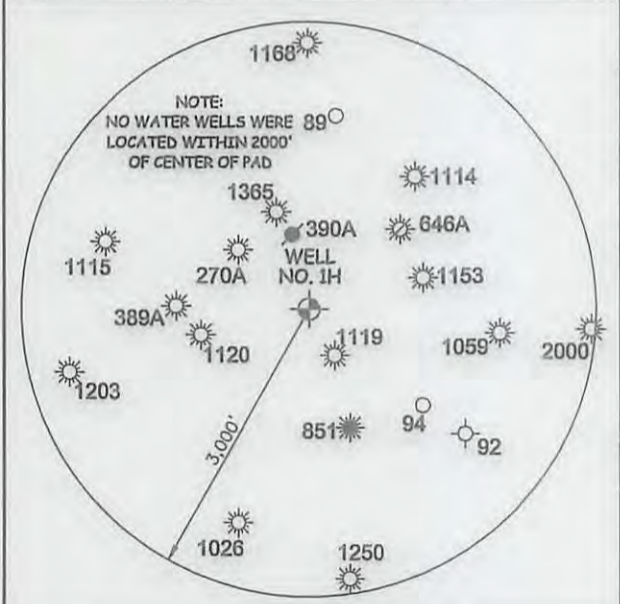


(NAD) 27 (UTM) ZONE 17 COORDS:
 WELL 1H TOP HOLE INFORMATION:
 N: 14,288,870ft E: 1,677,148ft
 POINT OF ENTRY INFORMATION:
 N: 14,288,240ft E: 1,674,761ft
 BOTTOM HOLE INFORMATION:
 N: 14,279,328ft E: 1,677,716ft

JOB # 17-011WA
 DRAWING # HORST1HR
 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 +/-
 - - - - - Interior Surface Tracts +/-
 - - - - - Existing Fence
 ⊕ Found monument, as noted

DOUGLAS R. ROWE P.S. 2202
 DATE 05/29/18



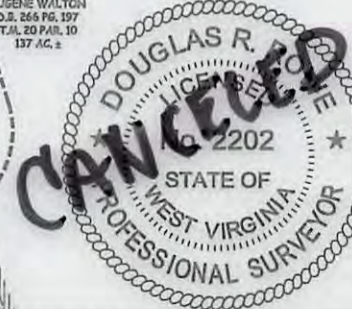
I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



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
 STAKE/ NAIL, SET
 WELL NO. 1H
 WELL 1H BOTTOM HOLE



WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL OPERATOR'S WELL# 47 HORST UNIT #1H 02516 COUNTY NAME TYLER

(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1117' - ORIGINAL 1,114' - PROPOSED 1,117' WATERSHED HEADWATERS MIDDLE ISLAND CREEK STATE COUNTY PERMIT

QUADRANGLE WEST UNION 7.5 DISTRICT CENTERVILLE COUNTY TYLER

SURFACE OWNER ROY A. MEREDITH ACREAGE 59.39 ACRES +/-

OIL & GAS ROYALTY OWNER ROY A. MEREDITH ET UX; JANICE L. HURST; GENE BOND; MAE BOND; LEASE ACREAGE 80 AC±; 97.63 AC±; 14.44 AC±; 67 AC±

LELIA WASHBURN ET AL; CAMMIE GATRELL ET AL; THE HEIRS OF S.T. DARNELL & JOHN C. WILSON; NETTIE LEAH LICOT ET AL; JEAN COLE ET VIR 150 AC±; 139.5 AC±; 113 AC±; 43 AC±; 77.5 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

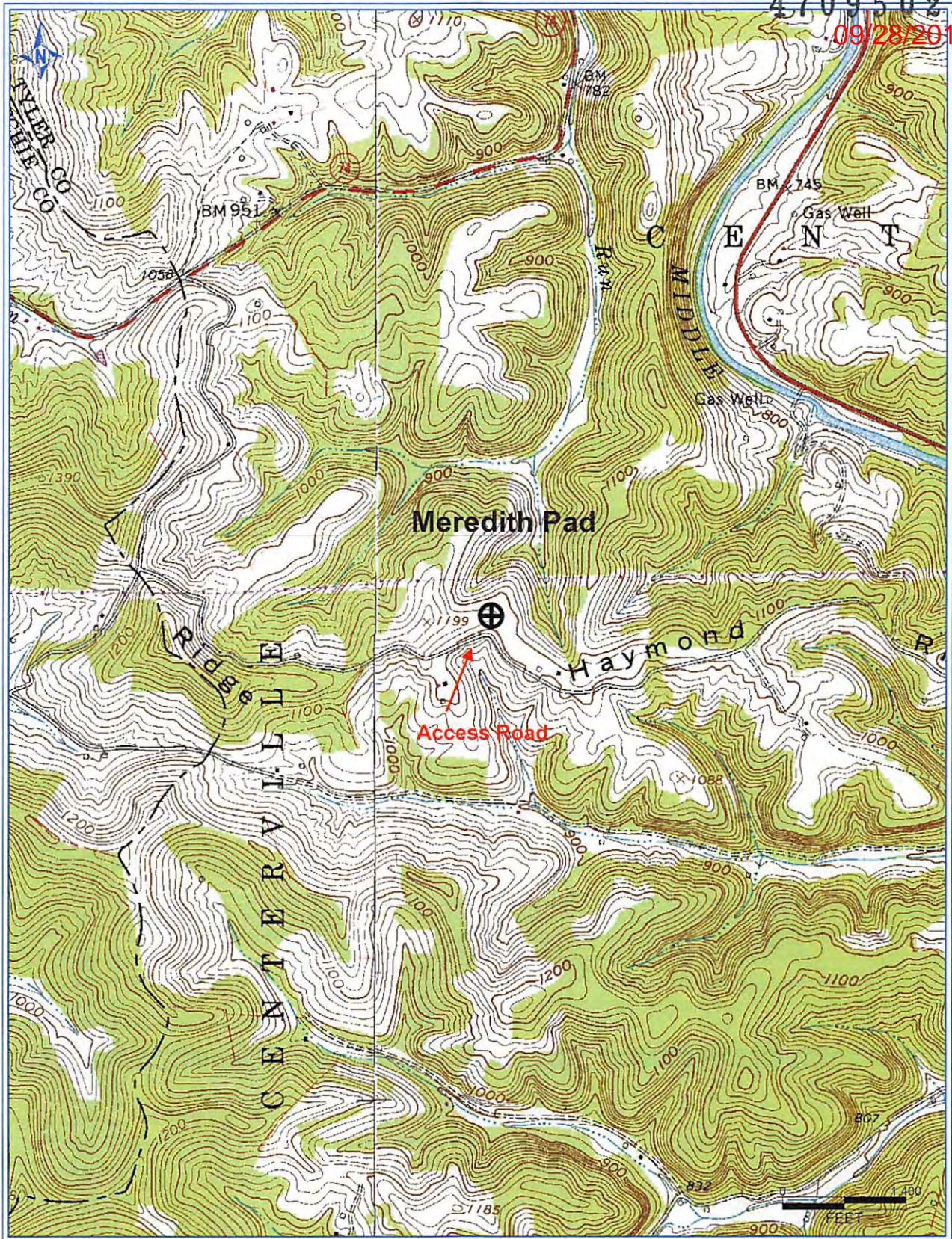
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,000' TVD 19,300' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM

ADDRESS 1615 WYNKOOP ST. DENVER, CO 80202 ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

FORM WW-6

4709502516
09/28/2018



Antero Resources Corporation
Appalachian Basin
Horst Unit 3H
Tyler County
Quadrangle: West Union
Watershed: Middle Island Creek
District: Centerville
Date: 3-15-2017

RECEIVED
Office of Oil and Gas
JUN 14 2018
WV Department of
Environmental Protection