

LATITUDE 39°22'30"

10,375'

LATITUDE 39°20'00"

9,252' TO BOTTOM HOLE

3,649' TO BOTTOM HOLE

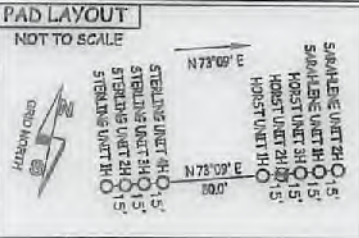
9,629'

LONGITUDE 80°50'00"

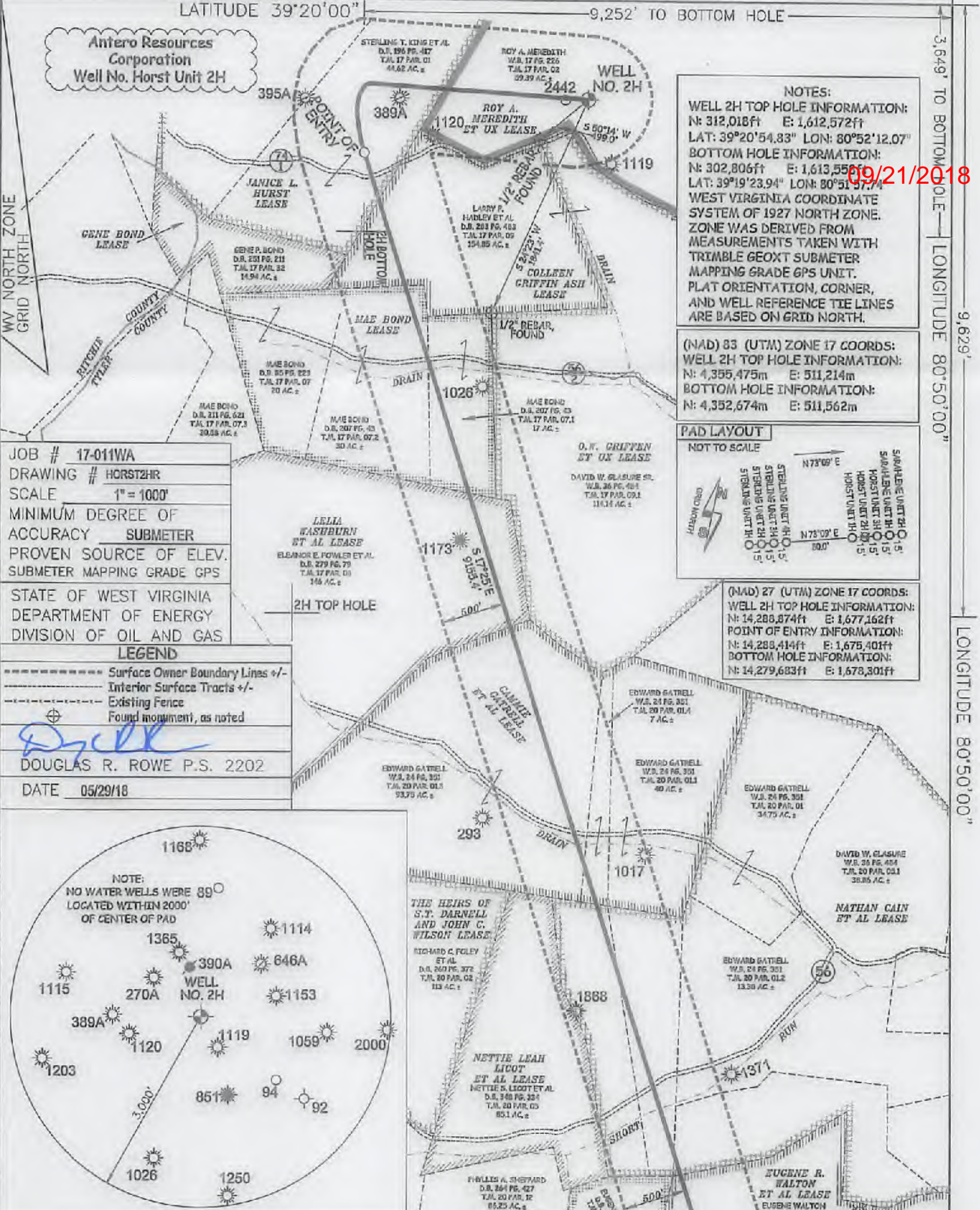
Antero Resources Corporation
Well No. Horst Unit 2H

NOTES:
 WELL 2H TOP HOLE INFORMATION:
 N: 312,018ft E: 1,612,572ft
 LAT: 39°20'54.83" LON: 80°52'12.07"
 BOTTOM HOLE INFORMATION:
 N: 302,806ft E: 1,613,550ft
 LAT: 39°19'23.94" LON: 80°51'57.74"
 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: 4,355,475m E: 511,214m
 BOTTOM HOLE INFORMATION:
 N: 4,352,674m E: 511,562m



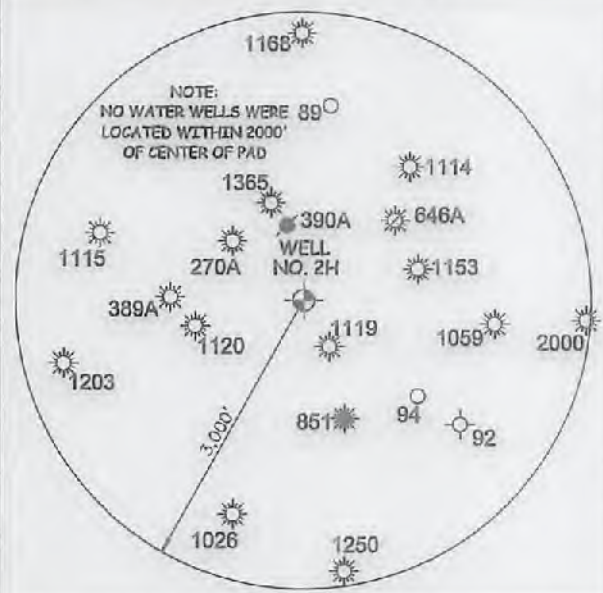
(NAD) 27 (UTM) ZONE 17 COORDS:
 WELL 2H TOP HOLE INFORMATION:
 N: 14,288,874ft E: 1,677,162ft
 POINT OF ENTRY INFORMATION:
 N: 14,288,414ft E: 1,678,401ft
 BOTTOM HOLE INFORMATION:
 N: 14,279,683ft E: 1,678,301ft



JOB # 17-011WA
 DRAWING # HORST2HR
 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

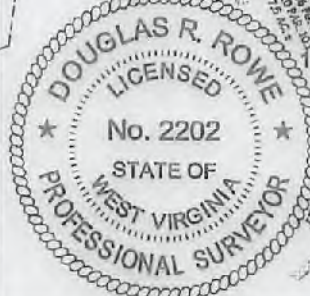
DOUGLAS R. ROWE P.S. 2202
 DATE 05/29/18



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

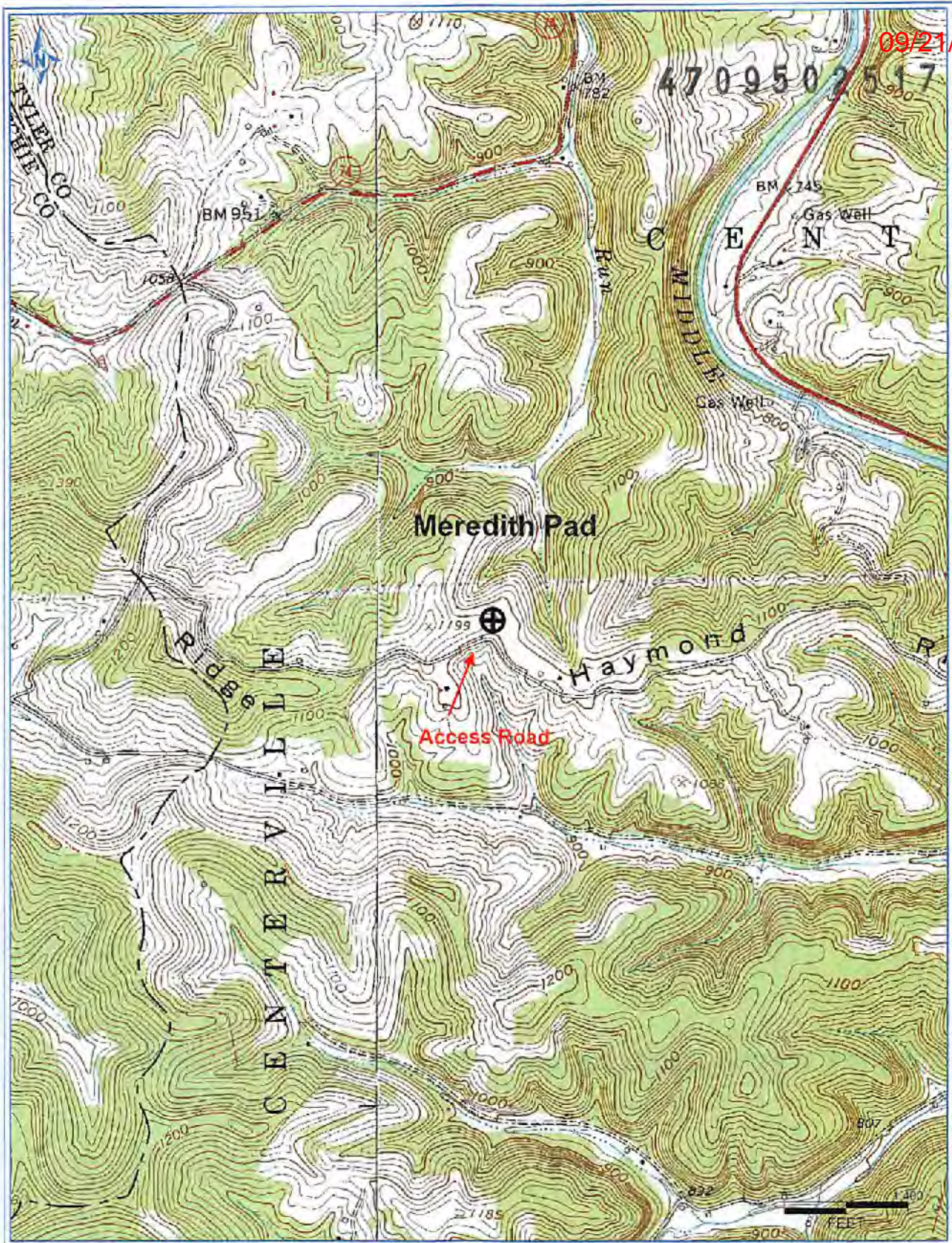


WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1,117'-ORIGINAL, 1,114'-PROPOSED WATERSHED HEADWATERS MIDDLE ISLAND CREEK STATE COUNTY PERMIT
 QUADRANGLE WEST UNION 7.5' DISTRICT CENTERVILLE COUNTY TYLER
 SURFACE OWNER ROY A. MEREDITH ACREAGE 59.39 ACRES +/-
 OIL & GAS ROYALTY OWNER ROY A. MEREDITH ET UX; JANICE L. HURST; COLLEEN GRIFFIN ASH LEASE ACREAGE 80 AC±; 97.63 AC±; 44.187 AC±;
 MAE BOND; LELIA WASHBURN ET AL; CAMMIE GATRELL ET AL; NATHAN CAIN ET AL; EUGENE R. WALTON ET AL 87 AC±; 150 AC±; 139.5 AC±; 278 AC±; 137 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 PLUG & ABANDON CLEAN OUT & REPLUG
 WELL OPERATOR ANTERO RESOURCES CORP. ESTIMATED DEPTH 7,000' TVD 18,400' MD
 ADDRESS 1815 WYNKOOP ST. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
 ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

FORM WW-6

COUNTY NAME PERMIT

09/21/2018



4709502517

Antero Resources Corporation
 Appalachian Basin
 Horst Unit 1H-3H, Sarahlene Unit 1H-2H &
 Sterling Unit 1H-4H
 Tyler County

Quadrangle: West Union
 Watershed: Middle Island Creek
 District: Centerville
 Date: 6/13/2018

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