

LATITUDE 39°22'30"

10,347'

LATITUDE 39°20'00"

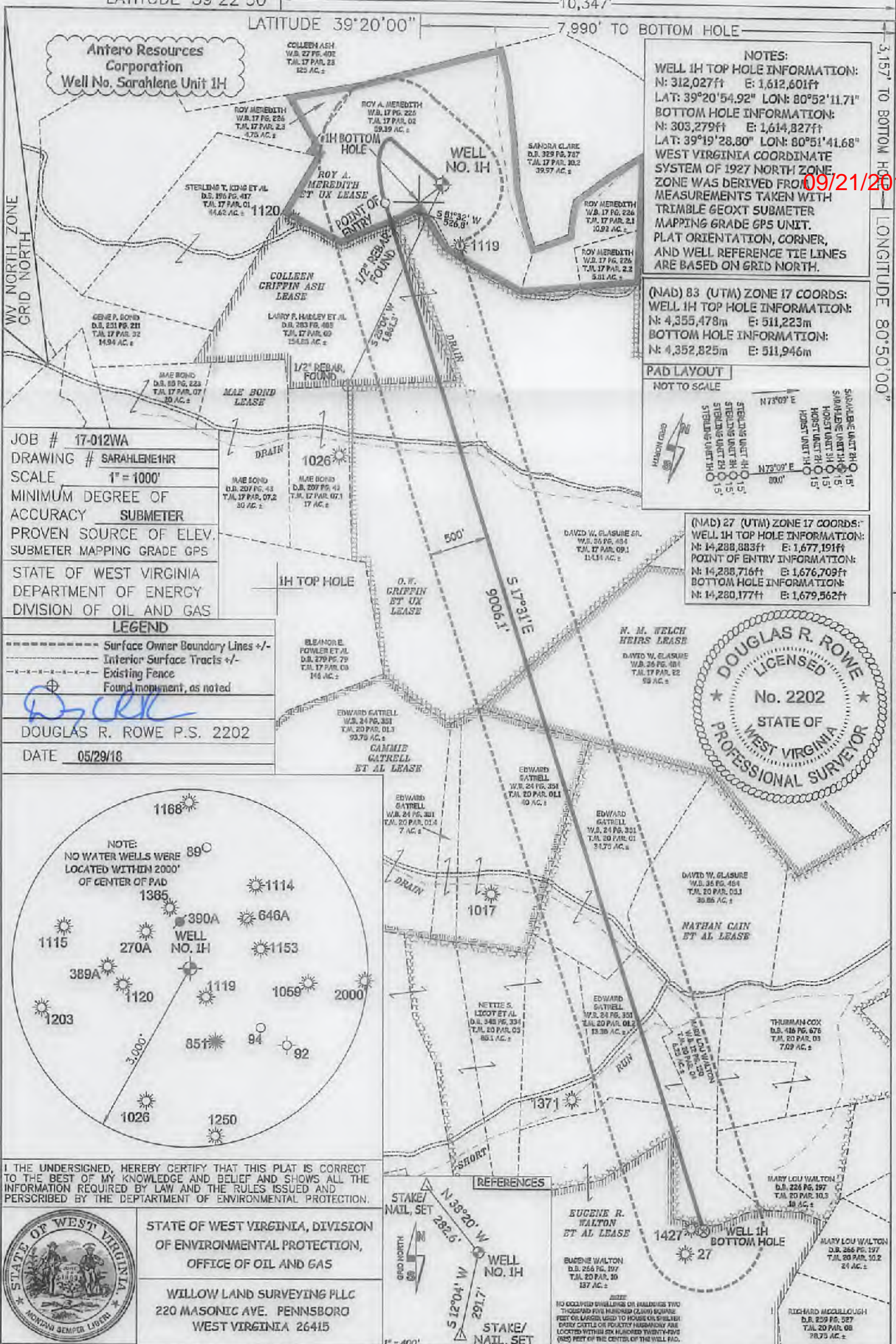
7,990' TO BOTTOM HOLE

3,157' TO BOTTOM HOLE
LONGITUDE 80°50'00"

9,620'

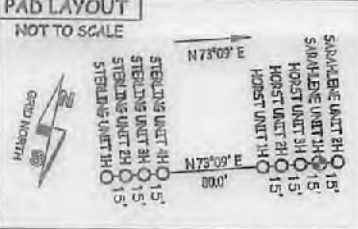
LONGITUDE 80°50'00"

09/21/2018

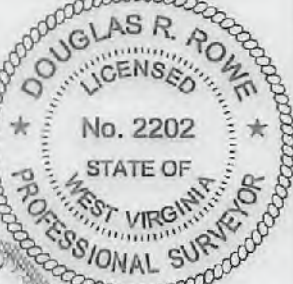


NOTES:
WELL 1H TOP HOLE INFORMATION:
 N: 312,027ft E: 1,612,601ft
 LAT: 39°20'54.92" LON: 80°52'11.71"
BOTTOM HOLE INFORMATION:
 N: 303,279ft E: 1,614,827ft
 LAT: 39°19'28.80" LON: 80°51'41.68"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT 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: 4,355,478m E: 511,223m
BOTTOM HOLE INFORMATION:
 N: 4,352,825m E: 511,946m



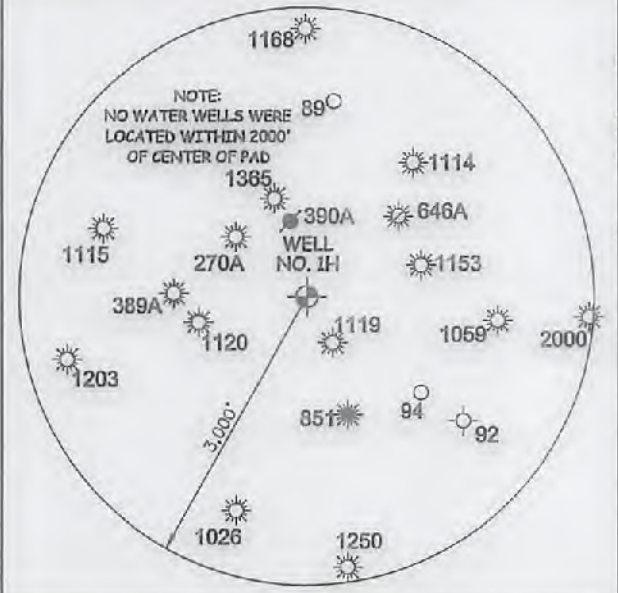
(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
 N: 14,288,883ft E: 1,677,191ft
POINT OF ENTRY INFORMATION:
 N: 14,288,716ft E: 1,676,709ft
BOTTOM HOLE INFORMATION:
 N: 14,280,177ft E: 1,679,562ft



JOB # 17-012WA
 DRAWING # SARAHLENE1HR
 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

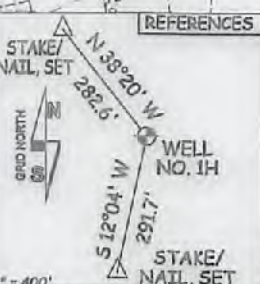
DOUGLAS R. ROWE P.S. 2202
 DATE 05/29/18



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.



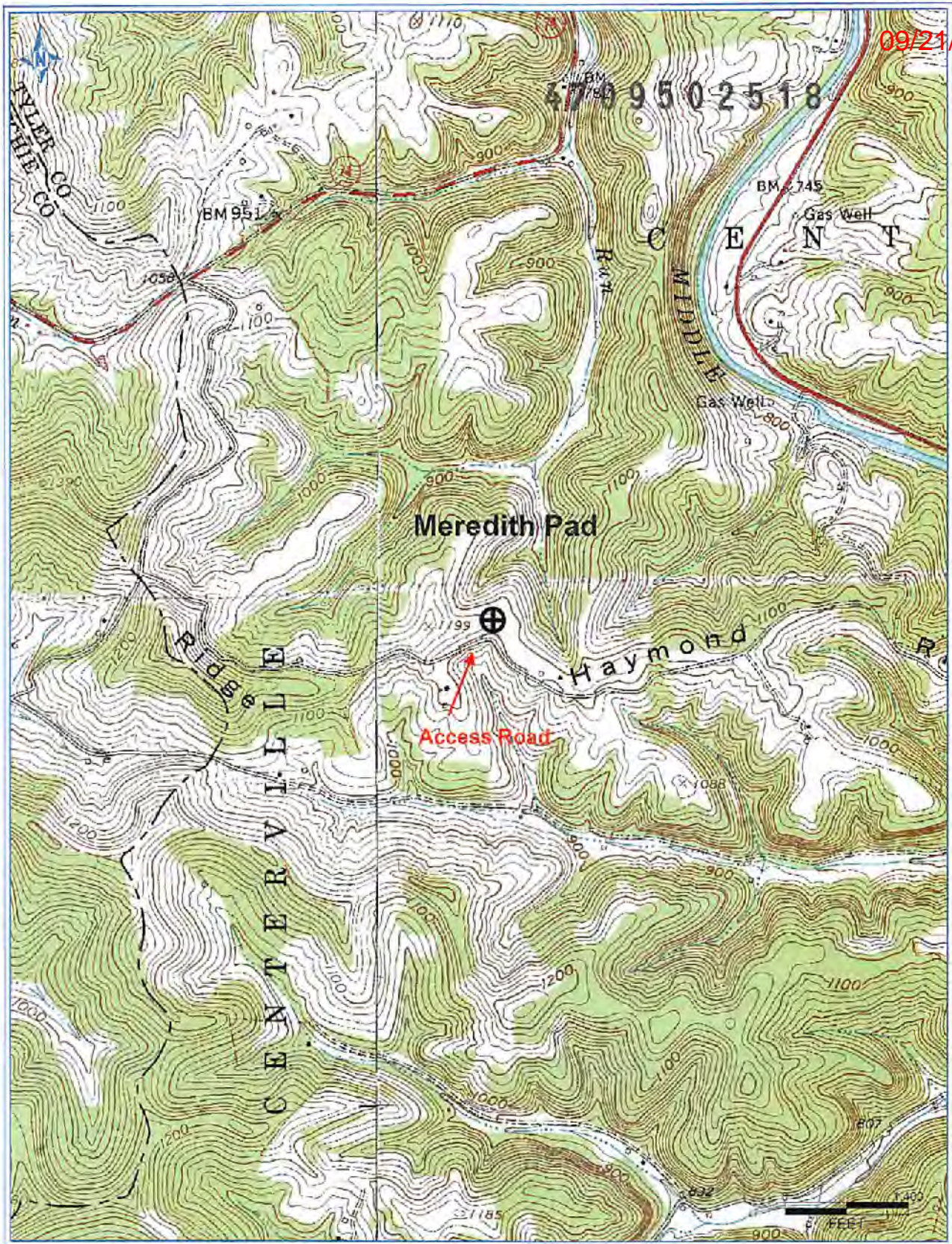
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 WILLOW LAND SURVEYING PLLC
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415



REFERENCES
 EUGENE R. WALTON ET AL LEASE
 BURNIE WALTON D.B. 266 PG. 197 T.M. 20 PAR. 10 187 AC.±
 MARY LOU WALTON D.B. 226 PG. 197 T.M. 20 PAR. 103 18 AC.±
 RICHARD MCCULLOUGH D.B. 209 PG. 227 T.M. 20 PAR. 08 78.75 AC.±

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL OPERATOR'S WELL# SARAHLENE UNIT 1H
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW 47 - 095 - 02518 COUNTY NAME
 LOCATION: ELEVATION 1117'-ORIGINAL 1114'-PROPOSED WATERSHED HEADWATERS MIDDLE ISLAND CREEK STATE COUNTY TYLER PERMIT
 QUADRANGLE WEST UNION 7.5' DISTRICT CENTERVILLE COUNTY TYLER
 SURFACE OWNER ROY A. MEREDITH ACREAGE 59.39 ACRES +/-
 OIL & GAS ROYALTY OWNER ROY E. MEREDITH ET UX; COLLEEN GRIFFIN ASH; O.W. GRIFFIN ET UX; LEASE ACREAGE 80 AC.±; 44,187 AC.±; 222 AC.±; COUNTY NAME
 N. M. WELCH HEIRS; CAMMIE GATRELL ET AL; NATHAN CAIN ET AL; EUGENE R. WALTON ET AL 95 AC.±; 139.75 AC.±; 278 AC.±; 137 AC.±; PERMIT
 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 16,800' 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 CHARLESTON, WV 25313

09/21/2018



4709502518

Antero Resources Corporation
 Appalachian Basin RECEIVED
 Office of Oil and Gas
 Horst Unit 1H-3H, Sarahlene Unit 1H-2H
 Sterling Unit 1H-4H JUN 14 2018
 Tyler County
 WV Department of
 Environmental Protection

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