

LATITUDE 39°22'30"

10,332'

LATITUDE 39°20'00"

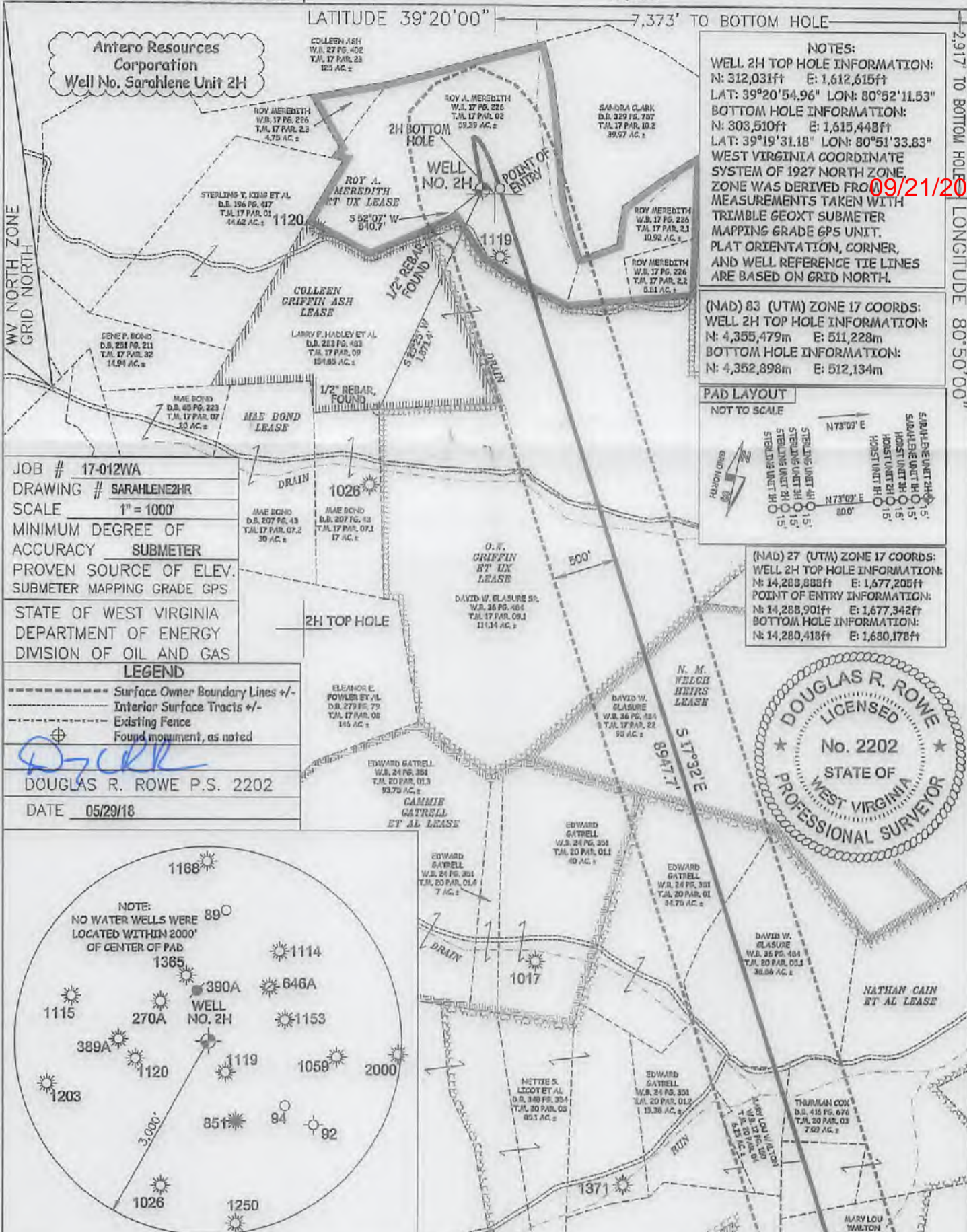
7,373' TO BOTTOM HOLE

2,917' TO BOTTOM HOLE  
LONGITUDE 80°50'00"

9,615'

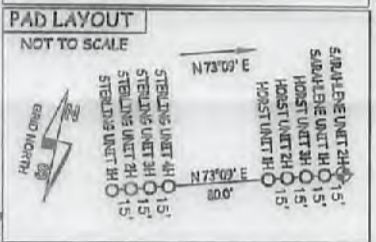
LONGITUDE 80°50'00"

09/21/2018

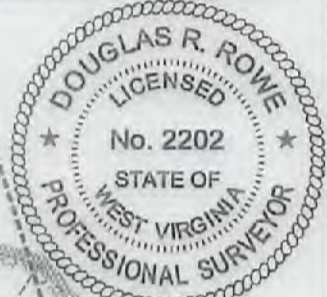


**NOTES:**  
 WELL 2H TOP HOLE INFORMATION:  
 N: 312,031ft E: 1,612,615ft  
 LAT: 39°20'54.96" LON: 80°52'11.53"  
 BOTTOM HOLE INFORMATION:  
 N: 303,510ft E: 1,615,448ft  
 LAT: 39°19'31.18" LON: 80°51'33.83"  
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TREMBLE GEOTECH 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: 4,355,479m E: 511,228m  
 BOTTOM HOLE INFORMATION:  
 N: 4,352,898m E: 512,134m



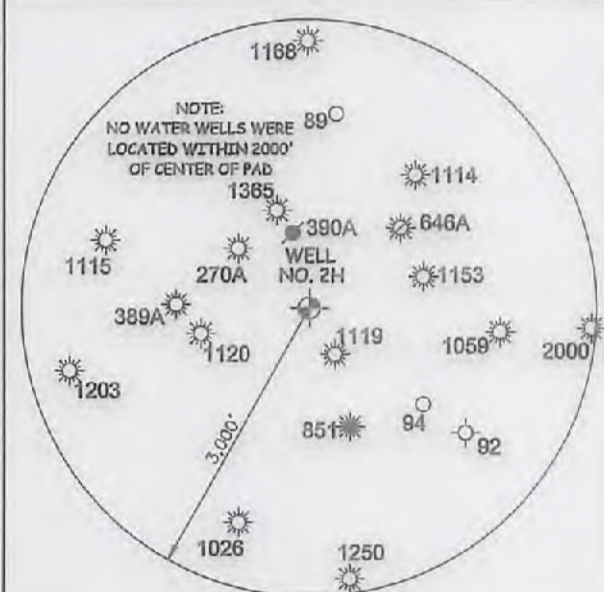
(NAD) 27 (UTM) ZONE 17 COORDS:  
 WELL 2H TOP HOLE INFORMATION:  
 N: 14,288,888ft E: 1,677,205ft  
 POINT OF ENTRY INFORMATION:  
 N: 14,288,901ft E: 1,677,342ft  
 BOTTOM HOLE INFORMATION:  
 N: 14,280,418ft E: 1,680,176ft



JOB # 17-012WA  
 DRAWING # SARAHLENE2HR  
 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.



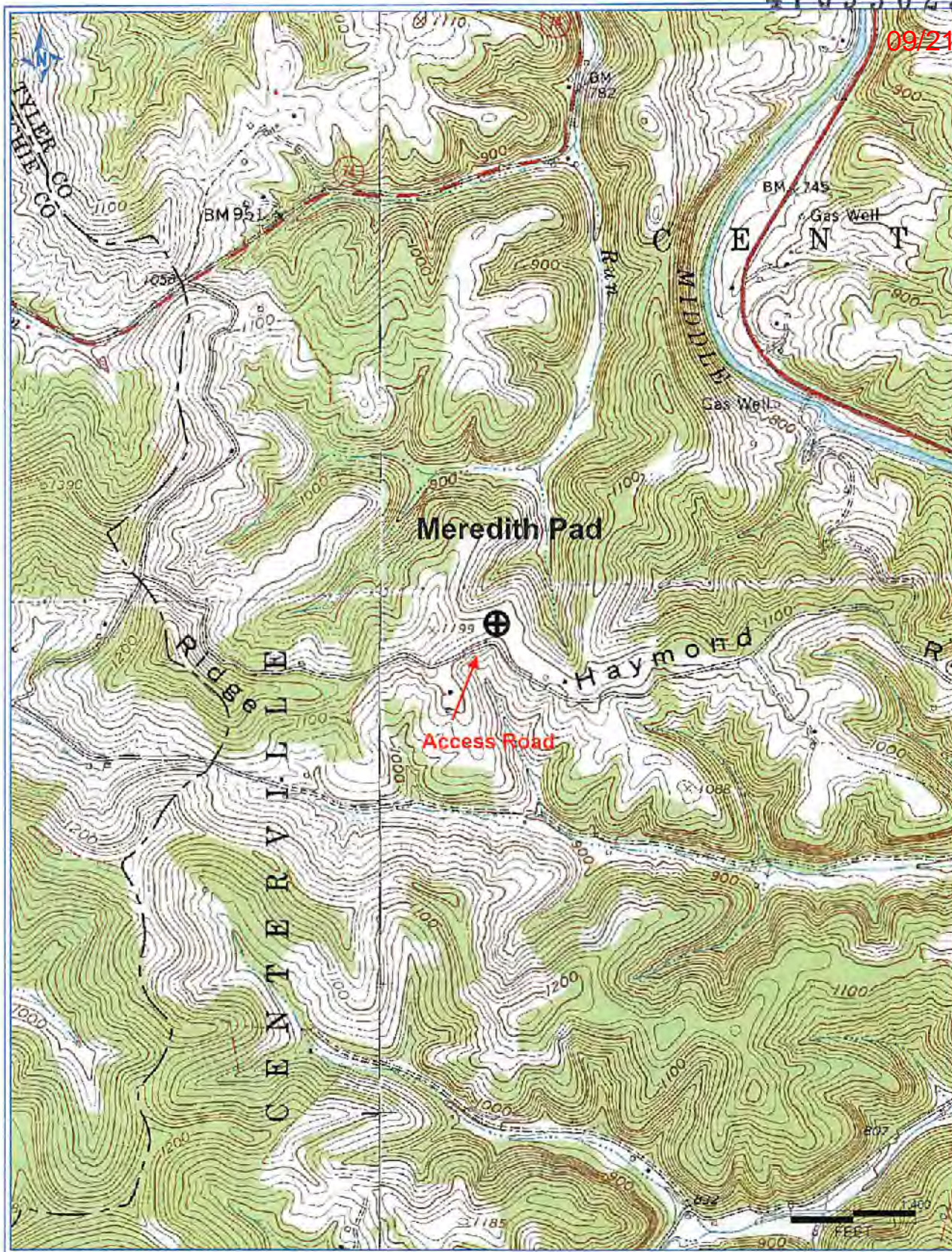
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
 WILLOW LAND SURVEYING PLLC  
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415



**REFERENCES**  
 EUGENE R. WALTON ET AL LEASE 1427  
 EUGENE WALTON D.B. 266 PG. 197 T.M. 20 PAR. 10 137 AC.±  
 MARY LOU WALTON D.B. 266 PG. 197 T.M. 20 PAR. 10.3 24 AC.±  
 EUGENE R. WALTON ET AL LEASE  
 RICHARD MCCULLOUGH D.B. 209 PG. 027 T.M. 20 PAR. 03 28.75 AC.±

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; O.W. GRIFFIN ET UX; LEASE ACREAGE 80 AC.±; 222 AC.±; 95 AC.±; 278 AC.±  
 N. M. WELCH HEIRS; NATHAN CAIN ET AL  
 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





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

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

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