

LATITUDE 39°22'30"  
LATITUDE 39°20'00"

10,375'

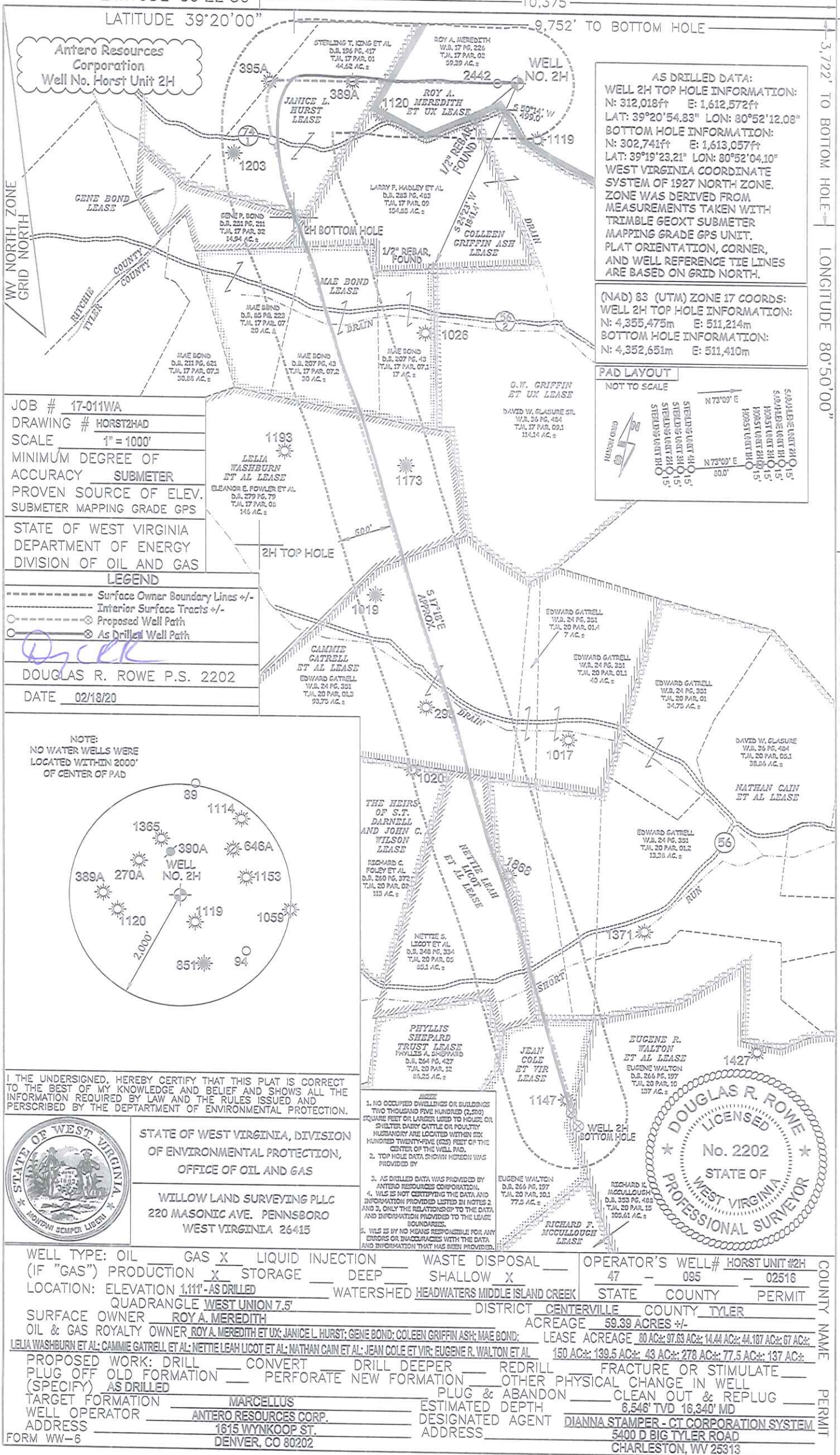
9,752' TO BOTTOM HOLE

3,722' TO BOTTOM HOLE

9,629'

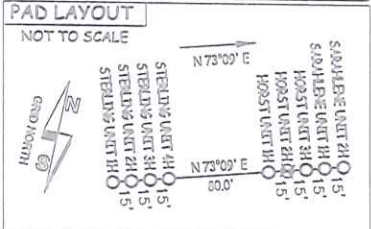
LONGITUDE 80°50'00"

LONGITUDE 80°50'00"



AS DRILLED DATA:  
 WELL 2H TOP HOLE INFORMATION:  
 N: 312,018ft E: 1,612,572ft  
 LAT: 39°20'54.83" LON: 80°52'12.08"  
 BOTTOM HOLE INFORMATION:  
 N: 302,741ft E: 1,613,057ft  
 LAT: 39°19'23.21" LON: 80°52'04.10"  
 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.

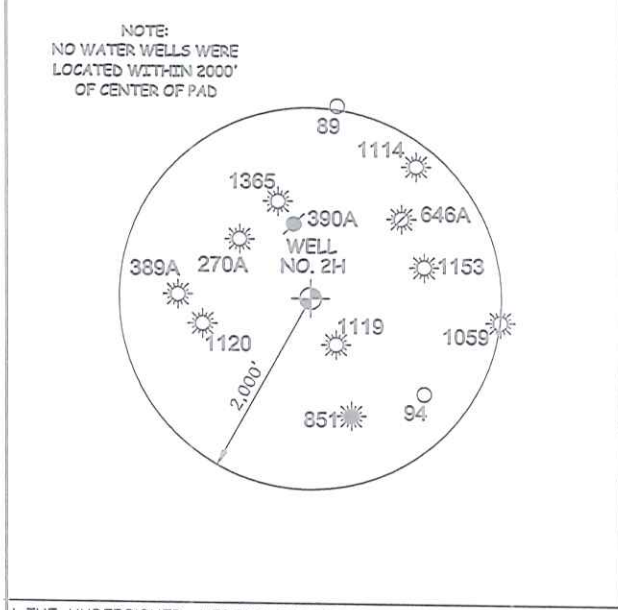
(NAD) 83 (UTM) ZONE 17 COORDS:  
 WELL 2H TOP HOLE INFORMATION:  
 N: 4,355,475m E: 511,214m  
 BOTTOM HOLE INFORMATION:  
 N: 4,352,651m E: 511,410m



JOB # 17-011WA  
 DRAWING # HORST2HAD  
 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

*Dick*

DOUGLAS R. ROWE P.S. 2202  
 DATE 02/18/20



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 X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_ OPERATOR'S WELL# HORST UNIT #2H  
 (IF "GAS") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X 47 - 095 - 02516 COUNTY NAME  
 LOCATION: ELEVATION 1,111'-AS DRILLED 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 +/- LEASE ACREAGE 80 AC: 97.63 AC: 14.44 AC: 44.107 AC: 67 AC:  
 OIL & GAS ROYALTY OWNER ROY A. MEREDITH ET UX; JANICE L. HURST; GENE BOND; COLEEN GRIFFIN ASH; MAE BOND; LELLA WASHBURN ET AL; CAMMIE GATRELL ET AL; NETTIE LEAH LICOT ET AL; NATHAN CAIN ET AL; JEAN COLE ET VIR; EUGENE R. WALTON ET AL 150 AC: 139.5 AC: 43 AC: 278 AC: 77.5 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) AS DRILLED PLUG & ABANDON \_\_\_ CLEAN OUT & REPLUG \_\_\_  
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,546' TVD 16,340' MD  
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM  
 ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD  
 DENVER, CO 80202 CHARLESTON, WV 25313