

LATITUDE 39°22'30"

10,375'

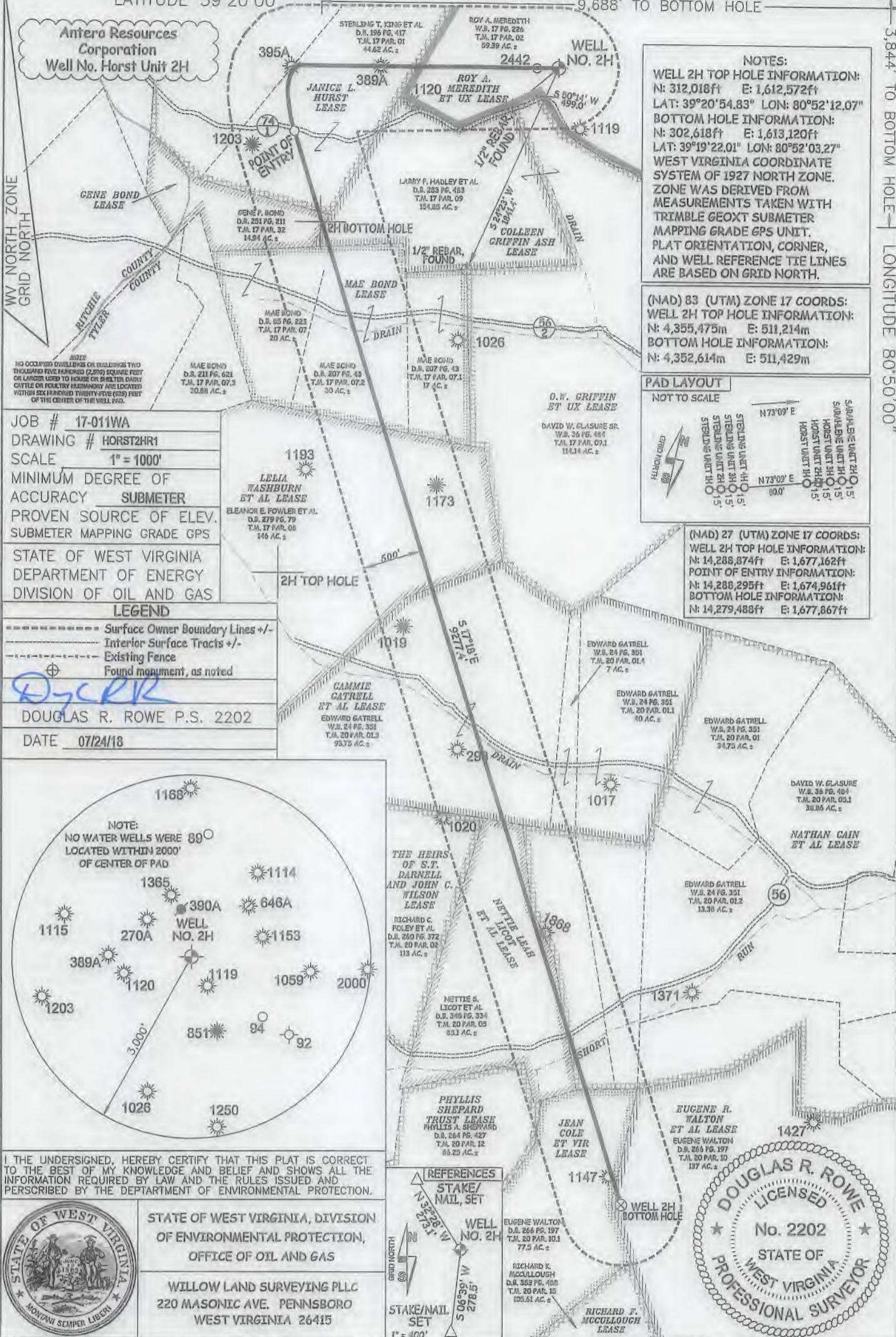
LATITUDE 39°20'00"

9,688' TO BOTTOM HOLE

3,844' TO BOTTOM HOLE

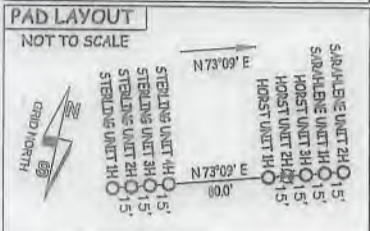
9,629'

LONGITUDE 80°50'00"



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: 302,618ft E: 1,613,120ft
 LAT: 39°19'22.01" LON: 80°52'03.27"
 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: 4,352,614m E: 511,429m

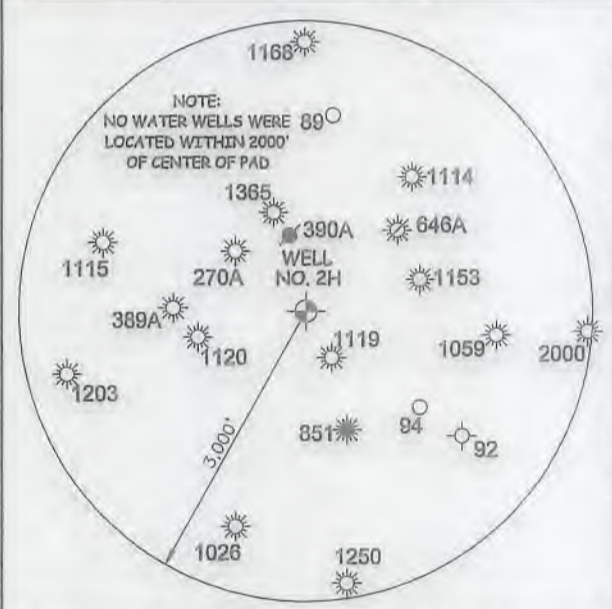


(NAD) 27 (UTM) ZONE 17 COORDS:
 WELL 2H TOP HOLE INFORMATION:
 N: 14,288,874ft E: 1,677,162ft
 POINT OF ENTRY INFORMATION:
 N: 14,288,295ft E: 1,674,961ft
 BOTTOM HOLE INFORMATION:
 N: 14,279,488ft E: 1,677,867ft

JOB # 17-011WA
 DRAWING # HORST2HR1
 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

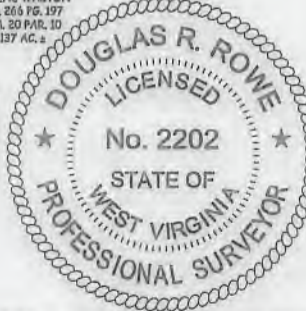
D. Rowe
 DOUGLAS R. ROWE P.S. 2202
 DATE 07/24/18



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 <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/>	OPERATOR'S WELL#	HORST UNIT #2H
(IF "GAS") PRODUCTION <input checked="" type="checkbox"/> STORAGE <input type="checkbox"/> DEEP <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/>	47 - 085	02517M00
LOCATION: ELEVATION 1,117'-ORIGINAL 1,114'-PROPOSED WATERSHED HEADWATERS MIDDLE ISLAND CREEK	STATE	COUNTY
QUADRANGLE WEST UNION 7.5'	DISTRICT CENTERTVILLE	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; COLEEN GRIFFIN ASH; MAE BOND;	LEASE ACREAGE	80 AC±; 97.83 AC±; 14.44 AC±; 41.187 AC±; 87 AC±
LELIA 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 <input type="checkbox"/> CONVERT <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input checked="" type="checkbox"/>		
PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input checked="" type="checkbox"/> OTHER PHYSICAL CHANGE IN WELL (SPECIFY) MOD-BHL		
TARGET FORMATION MARCELLUS	ESTIMATED DEPTH	7,000' TVD 18,700' 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