

LATITUDE 39°20'00"

8,659'

5,382' TO BOTTOM HOLE

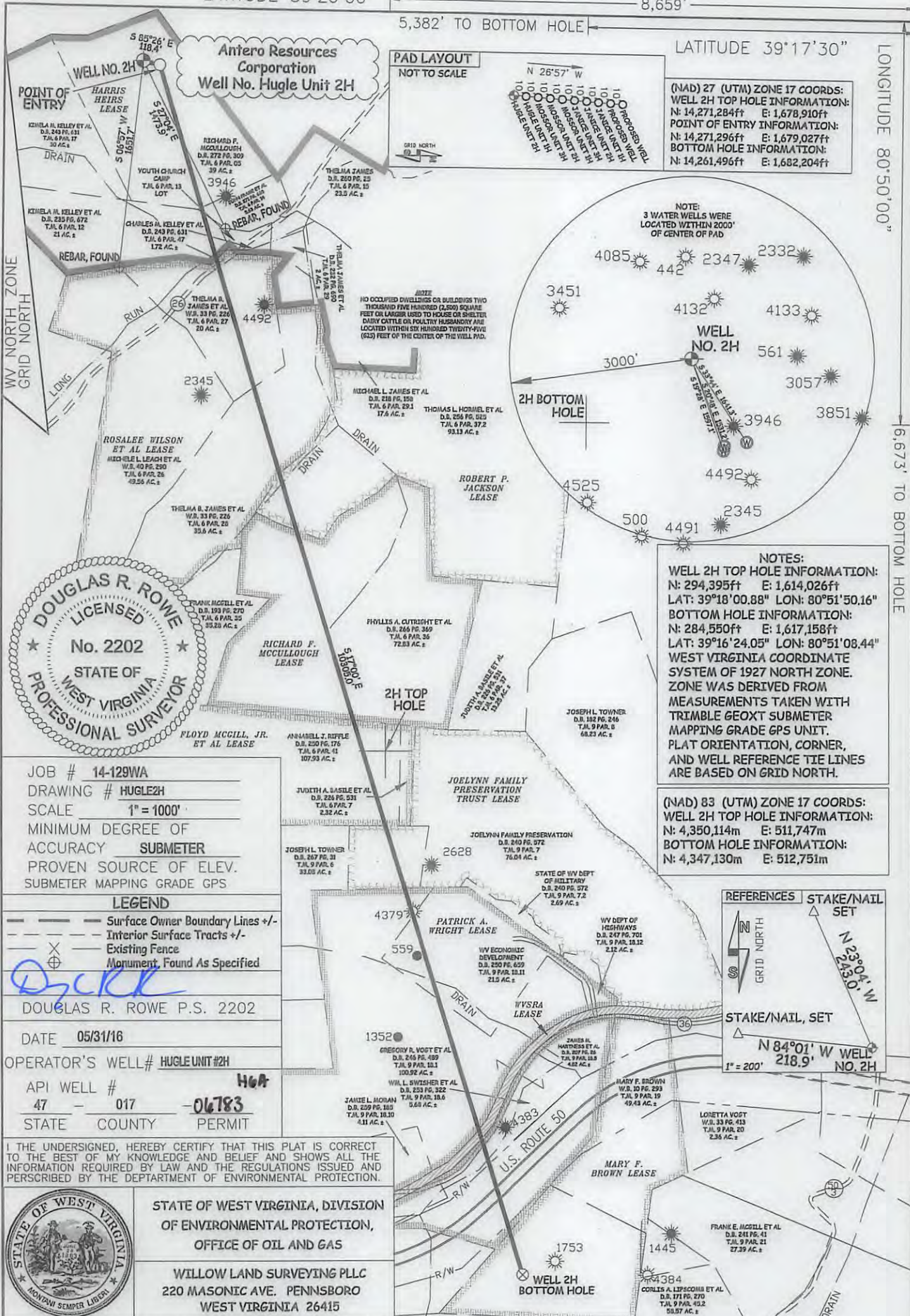
LATITUDE 39°17'30"

LONGITUDE 80°50'00"

12,052'

16,673' TO BOTTOM HOLE

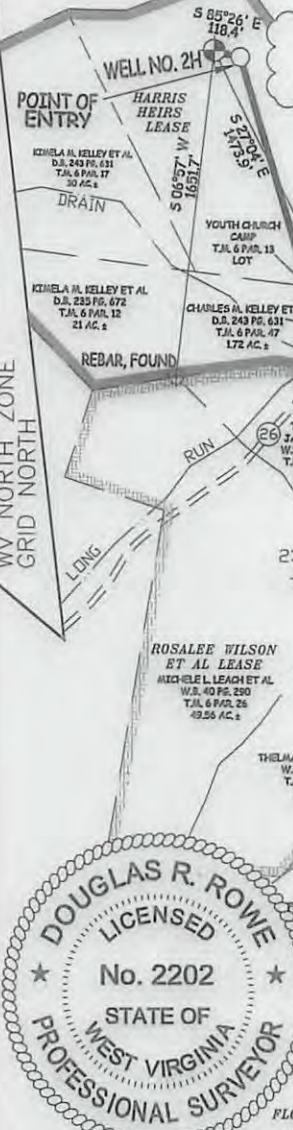
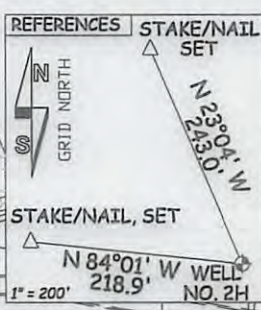
LONGITUDE 80°50'00"



(NAD) 27 (UTM) ZONE 17 COORDS:  
 WELL 2H TOP HOLE INFORMATION:  
 N: 14,271,284ft E: 1,678,910ft  
 POINT OF ENTRY INFORMATION:  
 N: 14,271,296ft E: 1,679,027ft  
 BOTTOM HOLE INFORMATION:  
 N: 14,261,496ft E: 1,682,204ft

NOTES:  
 WELL 2H TOP HOLE INFORMATION:  
 N: 294,395ft E: 1,614,026ft  
 LAT: 39°18'00.88" LON: 80°51'50.16"  
 BOTTOM HOLE INFORMATION:  
 N: 284,550ft E: 1,617,158ft  
 LAT: 39°16'24.05" LON: 80°51'08.44"  
 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: 4,350,114m E: 511,747m  
 BOTTOM HOLE INFORMATION:  
 N: 4,347,130m E: 512,751m



JOB # 14-129WA  
 DRAWING # HUGLE2H  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY SUBMETER  
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

**LEGEND**  
 - - - Surface Owner Boundary Lines +/-  
 - - - Interior Surface Tracts +/-  
 X Existing Fence  
 Monument, Found As Specified

DOUGLAS R. ROWE P.S. 2202  
 DATE 05/31/16  
 OPERATOR'S WELL# HUGLE UNIT #2H  
 API WELL # 47 - 017 - 06783  
 STATE COUNTY PERMIT

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 REGULATIONS 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

STATE OF WEST VIRGINIA DEPT. OF ENERGY DIVISION OF OIL AND GAS  
 WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL  
 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X  
 LOCATION: ELEVATION 1,035' - ORIGINAL 1,021' - PROPOSED WATERSHED HEADWATERS MIDDLE ISLAND CREEK  
 QUADRANGLE WEST UNION 7.5' DISTRICT CENTRAL COUNTY 10/28/2016  
 SURFACE OWNER RICHARD F. McCULLOUGH ACREAGE 39 ACRES +/-  
 OIL & GAS ROYALTY OWNER HARRIS HEIRS; ROSALEE WILSON ET AL; ROBERT P. JACKSON; LEASE ACREAGE 217 AC±; 100 AC±; 94 AC±;  
 RICHARD F. MCCULLOUGH; FLOYD MCGILL, JR. ET AL; JOELYNN FAMILY PRESERVATION TRUST; PATRICK A WRIGHT; WVSRA; MARY F. BROWN 72.83 AC±; 107 AC±; 76.04 AC±; 222 AC±; 301.19 AC±; 55.65 AC±  
 PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X  
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) PLUG & ABANDON CLEAN OUT & REPLUG  
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,000' TVD 17,300' MD  
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER  
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD  
 DENVER, CO 80202 CHARLESTON, WV 25313