

LATITUDE 39°22'30" 4,860'

10,236' TO BOTTOM HOLE

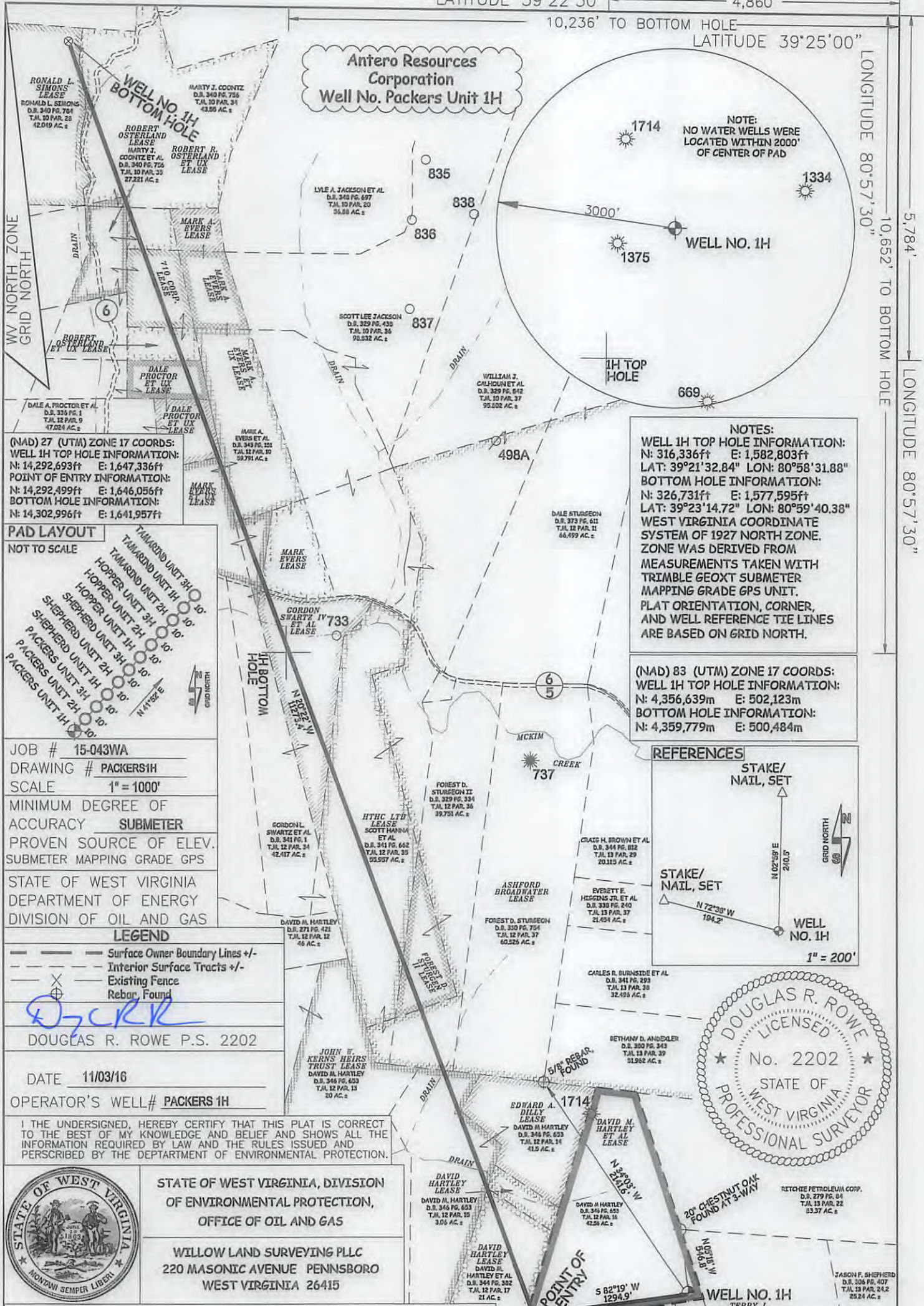
LATITUDE 39°25'00"

LONGITUDE 80°57'30"

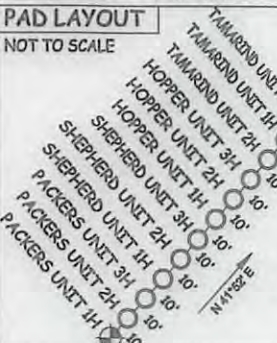
5,784'

10,652' TO BOTTOM HOLE

LONGITUDE 80°57'30"



(NAD) 27 (UTM) ZONE 17 COORDS:
 WELL 1H TOP HOLE INFORMATION:
 N: 14,292,693ft E: 1,647,336ft
 POINT OF ENTRY INFORMATION:
 N: 14,292,499ft E: 1,646,056ft
 BOTTOM HOLE INFORMATION:
 N: 14,302,996ft E: 1,641,957ft



JOB # 15-043WA
 DRAWING # PACKERS1H
 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 +/-
 X Existing Fence
 Rebar Found

DOUGLAS R. ROWE P.S. 2202

DATE 11/03/16

OPERATOR'S WELL# PACKERS 1H

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.

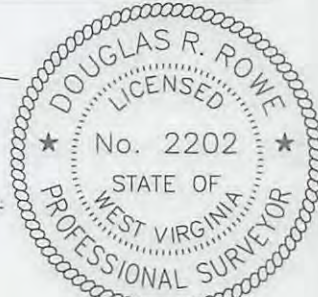
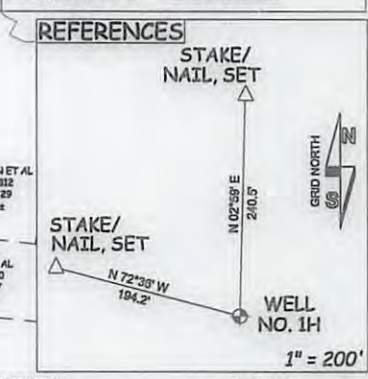


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 WILLOW LAND SURVEYING PLLC
 220 MASONIC AVENUE PENNSBORO WEST VIRGINIA 26415

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1,196 ORIGINAL - 1,178' PROPOSED WATERSHED OUTLET MIDDLE ISLAND CREEK API WELL # 47 - 095 - 02397
 QUADRANGLE PENNSBORO 7.5' SHL MIDDLEBOURNE 7.5 BHL DISTRICT MEADE COUNTY TYLER STATE WEST VIRGINIA COUNTY NAME TYLER
 SURFACE OWNER DAVID M. HARTLEY ACREAGE 42.56 ACRES +/-
 OIL & GAS ROYALTY OWNER DAVID M. HARTLEY; JOHN W. KERNS HEIRS TRUST; ASHFORD BROADWATER; LEASE ACREAGE 42.56 AC; 21 AC; 109 AC; 583,712 AC;
FOREST D. STURGEN II; HTHC LTD; GORDON SWARTZ IV ET AL; MARK EVERS; MARK A. EVERS ET UX; MARK A. EVERS ET UX; DALE PROCTOR ET UX; 7.7 AC; 38.10 AC; 18.05 AC; 12.56 AC; 15.27 AC; 36.642 AC; 5.3 AC;
DALE PROCTOR ET UX; ROBERT R. OSTERLAND ET UX; 710 CORP.; ROBERT R. OSTERLAND ET UX; ROBERT OSTERLAND; RONALD L. SIMONS 5.85 AC; 5.84 AC; 10 AC; 49.15 AC; 7.16 AC; 42.049 AC;
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,600' TVD 18,800' MD
 WELL OPERATOR ANTERO RESOURCES CORPORATION DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
 FORM WW-6 DENVER, CO 80202 ADDRESS CHARLESTON, WV 25313

NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 316,336ft E: 1,582,803ft
 LAT: 39°21'32.84" LON: 80°58'31.88"
 BOTTOM HOLE INFORMATION:
 N: 326,731ft E: 1,577,595ft
 LAT: 39°23'14.72" LON: 80°59'40.38"
 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: 4,356,639m E: 502,123m
 BOTTOM HOLE INFORMATION:
 N: 4,359,779m E: 500,484m



12/29/2016