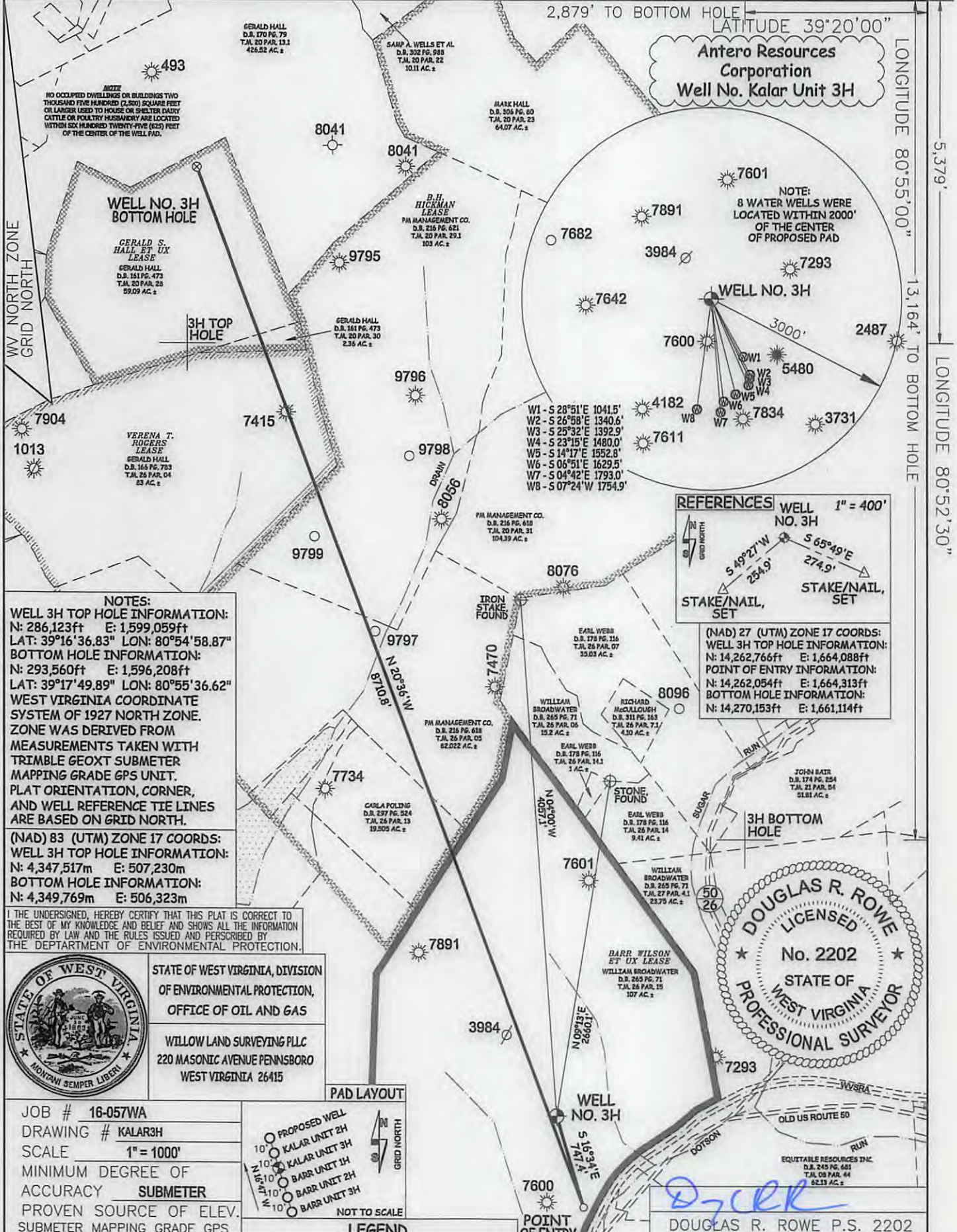


LATITUDE 39°17'30" 11,706' LATITUDE 39°20'00" LONGITUDE 80°55'00" LONGITUDE 80°52'30"

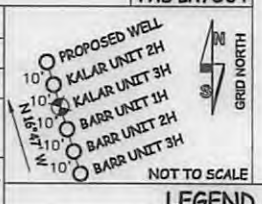


NOTES:
WELL 3H TOP HOLE INFORMATION:
 N: 286,123ft E: 1,599,059ft
 LAT: 39°16'36.83" LON: 80°54'58.87"
BOTTOM HOLE INFORMATION:
 N: 293,560ft E: 1,596,208ft
 LAT: 39°17'49.89" LON: 80°55'36.62"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT 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 3H TOP HOLE INFORMATION:
 N: 4,347,517m E: 507,230m
BOTTOM HOLE INFORMATION:
 N: 4,349,769m E: 506,323m

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

JOB # 16-057WA
 DRAWING # KALAR3H
 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
 WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL API WELL #
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW 47 - 085 - 10319 H6A
 LOCATION: ELEVATION ORIG 964' - PROPOSED 951' WATERSHED NORTH FORK HUGHES RIVER STATE COUNTY PERMIT
 QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY COUNTY RITCHIE
 SURFACE OWNER WILLIAM BROADWATER ET UX ACREAGE 107 ACRES +/-
 OIL & GAS ROYALTY OWNER BARR WILSON ET UX; B.H. HICKMAN; LEASE ACREAGE 107 ACRES±; 400 ACRES±
 VERENA T. ROGERS; GERALD S. HALL ET UX 141 ACRES±; 61 ACRES± 03/31/2017
 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 ESTIMATED DEPTH 6,400' TVD 16,200' MD
 TARGET FORMATION MARCELLUS
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1615 WYNKOOP STREET ADDRESS CT CORPORATION SYSTEM
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

