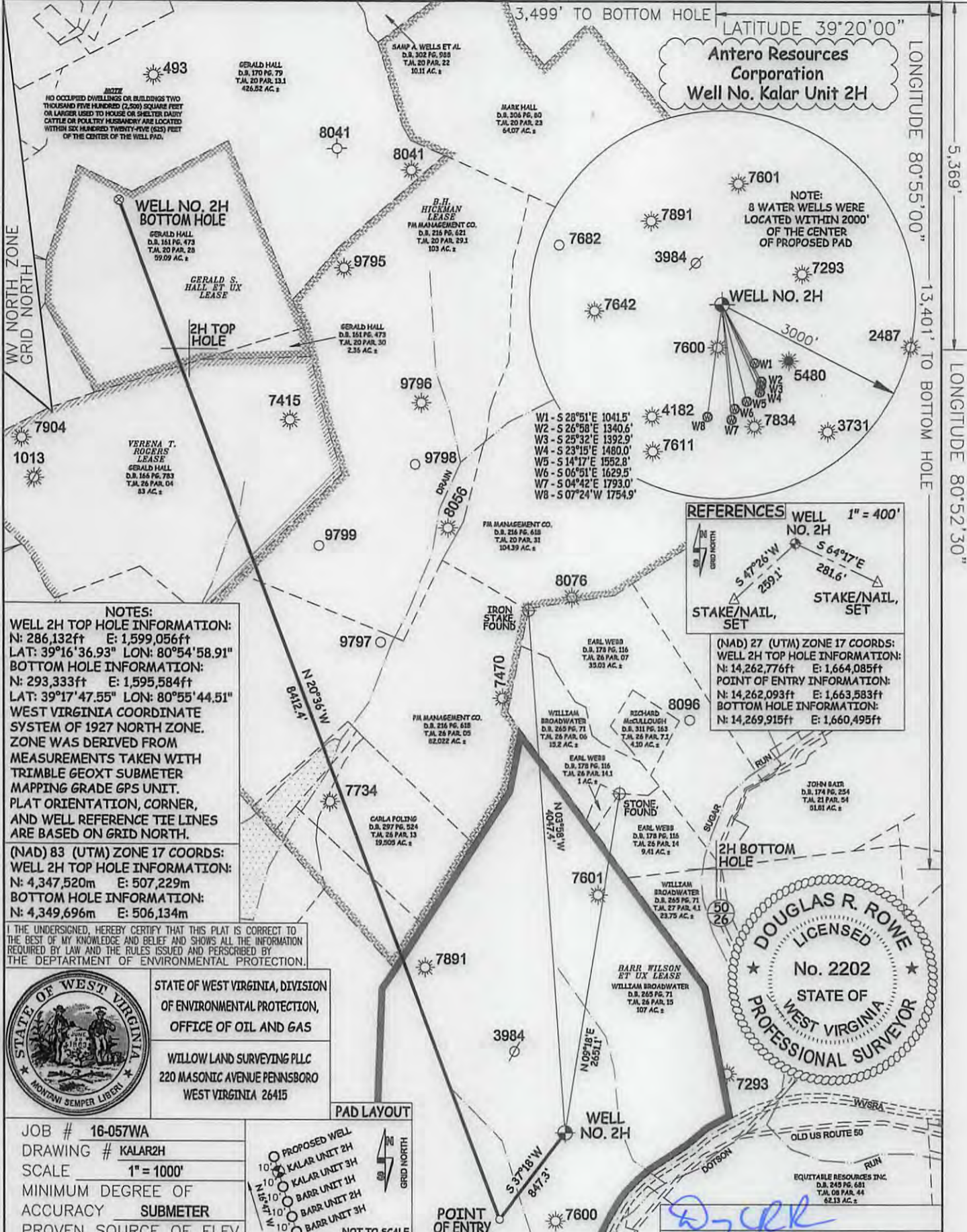


LATITUDE 39°17'30" 11,709' LATITUDE 39°20'00" LONGITUDE 80°55'00" LONGITUDE 80°52'30"

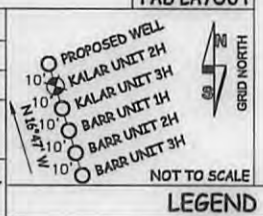


NOTES:
WELL 2H TOP HOLE INFORMATION:
 N: 286,132ft E: 1,599,056ft
 LAT: 39°16'36.93" LON: 80°54'58.91"
BOTTOM HOLE INFORMATION:
 N: 293,333ft E: 1,595,584ft
 LAT: 39°17'47.55" LON: 80°55'44.51"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE 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: 4,347,520m E: 507,229m
BOTTOM HOLE INFORMATION:
 N: 4,349,696m E: 506,134m

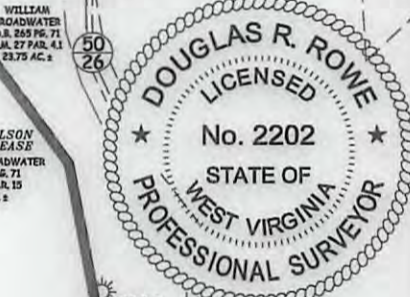
I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

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 # KALAR2H
 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 # 47 - 085 - 10314
 (IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION ORIG 964' - PROPOSED 951' WATERSHED NORTH FORK HUGHES RIVER STATE COUNTY PERMIT COUNTY RITCHIE
 QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY RITCHIE
 SURFACE OWNER WILLIAM BROADWATER ET UX ACREAGE 107 ACRES +/-
 OIL & GAS ROYALTY OWNER BARR WILSON ET UX; B.H. HICKMAN; VERENA T. ROGERS; GERALD S. HALL ET UX LEASE ACREAGE 107 ACRES±; 400 ACRES±; 141 ACRES±; 61 ACRES±
 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 15,900' MD
 TARGET FORMATION MARCELLUS
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313



DOUGLAS R. ROWE P.S. 2202
 DATE 01/11/17
 OPERATOR'S WELL# KALAR UNIT #2H

PERMIT COUNTY RITCHIE
 DATE 03/31/2017

Antero Resources Corporation
Appalachian Basin
Kalar Unit 2H
Ritchie County
Quadrangle: Pennsboro
Watershed: North Fork Hughes River
District: Clay
Date: 01-19-2017

