

LATITUDE 39°20'00"

6,088'

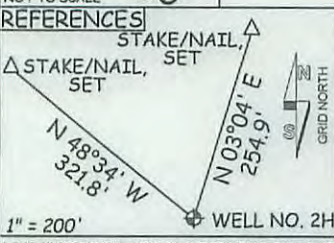
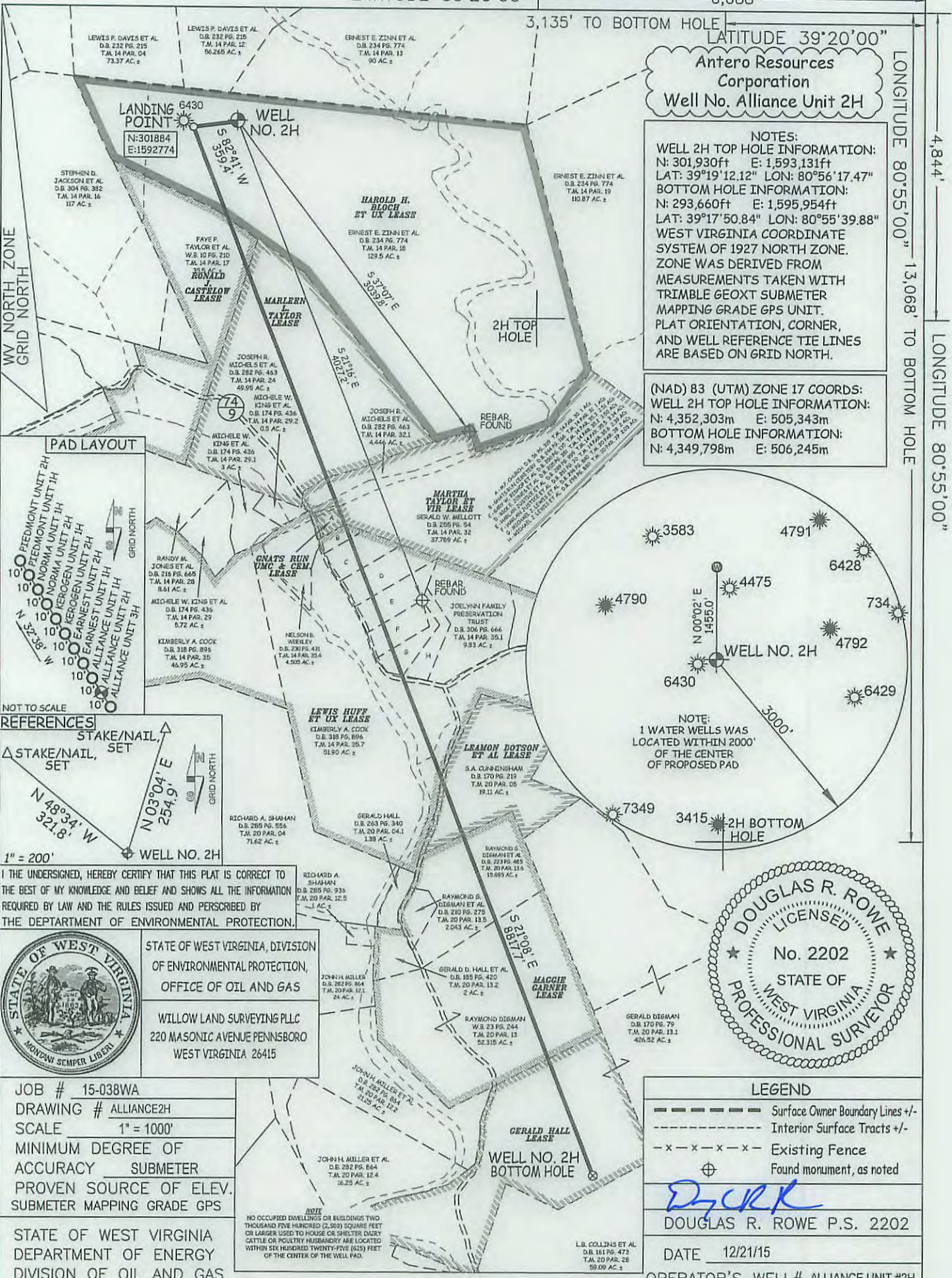
3,135' TO BOTTOM HOLE

LATITUDE 39°20'00"

Antero Resources Corporation  
Well No. Alliance Unit 2H

NOTES:  
 WELL 2H TOP HOLE INFORMATION:  
 N: 301,930ft E: 1,593,131ft  
 LAT: 39°19'12.12" LON: 80°56'17.47"  
 BOTTOM HOLE INFORMATION:  
 N: 293,660ft E: 1,595,954ft  
 LAT: 39°17'50.84" LON: 80°55'39.88"  
 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: 4,352,303m E: 505,343m  
 BOTTOM HOLE INFORMATION:  
 N: 4,349,798m E: 506,245m



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 # 15-038WA  
 DRAWING # ALLIANCE2H  
 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   
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION ORIG 1,135' - PROPOSED 1,119' WATERSHED NORTH FORK HUGHES RIVER STATE COUNTY PERMIT  
 QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY RITCHIE  
 SURFACE OWNER ERNEST E. ZINN ET AL ACREAGE 129.5 ACRES +/-  
 OIL & GAS ROYALTY OWNER HAROLD H. BLOCH ET UX; RONALD J. CASTELOW; MARLEEN J. TAYLOR; LEASE ACREAGE 131.5 AC±; 35.5 AC±; 50 AC±;  
 GNATS RUN UMC & CEM.; MARTHA TAYLOR ET VIR; NO LEASE FOUND; LEWIS HUFF ET UX; L'AMON DOTSON ET AL; MAGGIE GARNER; GERALD HALL 0.75 AC±; 44.4 AC±; 164 AC±; 20 AC±; 72 AC±;  
 PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR  
 STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION   
 OTHER PHYSICAL CHANGE IN WELL (SPECIFY) MOD BHL  
 PLUG & ABANDON  CLEAN OUT & REPLUG  ESTIMATED DEPTH 6,700' TVD 16,300' MD  
 TARGET FORMATION MARCELLUS  
 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

**LEGEND**  
 - - - - - Surface Owner Boundary Lines +/-  
 - - - - - Interior Surface Tracts +/-  
 - x - x - x - Existing Fence  
 ⊕ Found monument, as noted

*D. Rowe*  
 DOUGLAS R. ROWE P.S. 2202

DATE 12/21/15  
 OPERATOR'S WELL# ALLIANCE UNIT #2H  
 API WELL # 47 - 085 - 10275 MOD.

04/04/2016