

LATITUDE 39°20'00"

6,094'

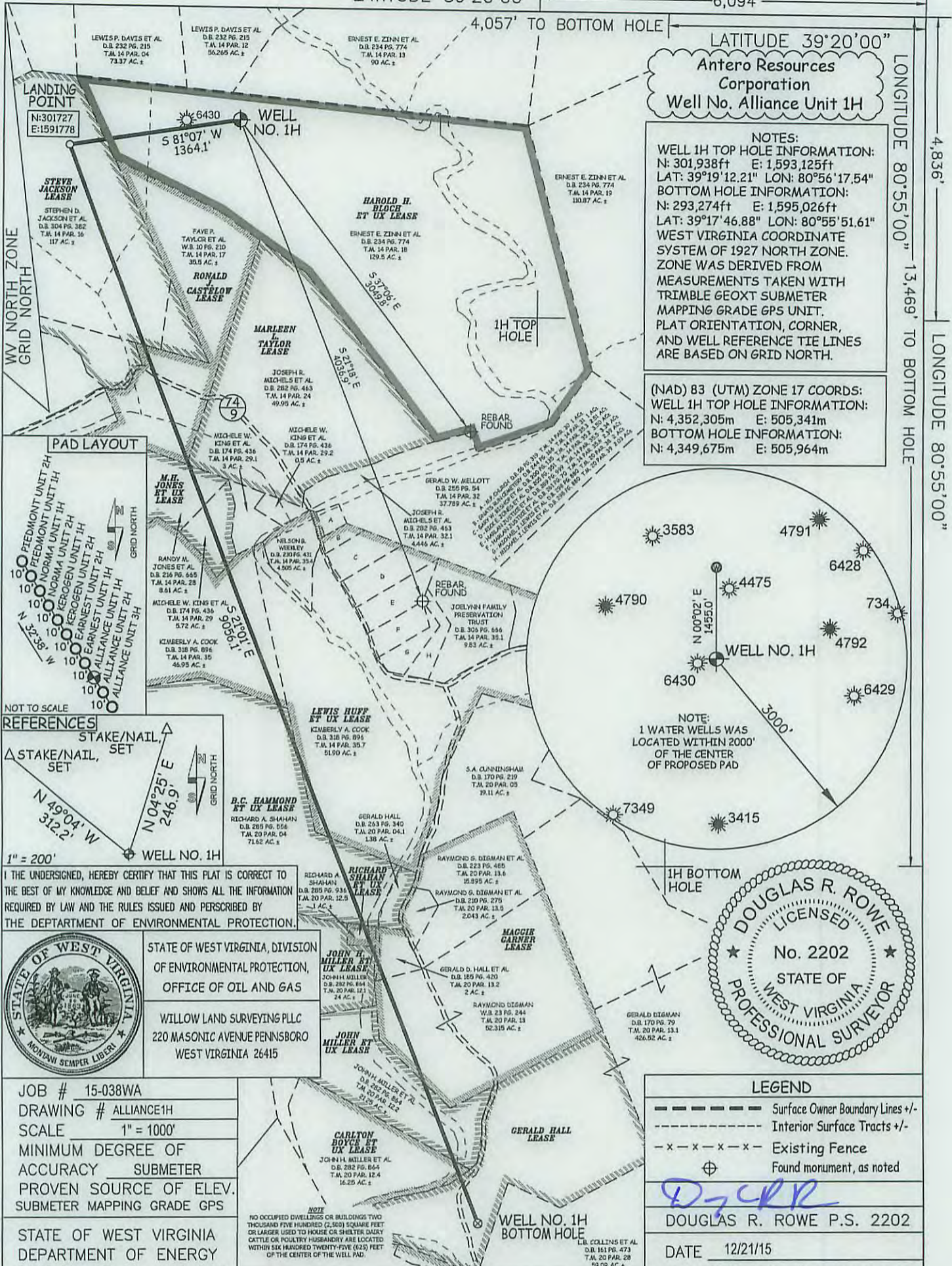
4,057' TO BOTTOM HOLE

LATITUDE 39°20'00"

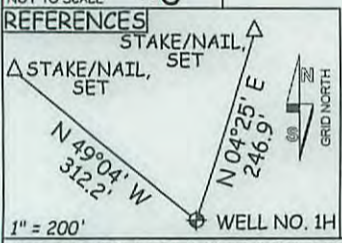
Antero Resources Corporation
Well No. Alliance Unit 1H

NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 301,938ft E: 1,593,125ft
 LAT: 39°19'12.21" LON: 80°56'17.54"
 BOTTOM HOLE INFORMATION:
 N: 293,274ft E: 1,595,026ft
 LAT: 39°17'46.88" LON: 80°55'51.61"
 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: 4,352,305m E: 505,341m
 BOTTOM HOLE INFORMATION:
 N: 4,349,675m E: 505,964m



LANDING POINT
 N:301727
 E:1591778



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 # ALLIANCE1H
 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

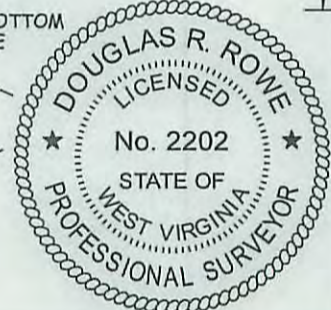
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL API WELL # 47 - 085 - 10274MOD
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION ORIG 1,135' - PROPOSED 1,119' WATERSHED NORTH FORK HUGHES RIVER STATE COUNTY PERMIT
 QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY RITCHIE
 SURFACE OWNER ERNEST E. ZINN ET AL ACREAGE 129.5 ACRES +/-
 OIL & GAS ROYALTY OWNER HAROLD H. BLOCH ET UX; STEVE JACKSON; RONALD J. CASTLEW; MARLEEN J. TAYLOR; LEASE ACREAGE 131.5 AC.; 117 AC.; 35.5 AC.; 50 AC.;
 M.H. JONES ET UX; LEWIS HUFF ET UX; B.C. HAMMOND ET UX; RICHARD A. SHAHAN ET UX; JOHN H. MILLER ET UX; MAGGIE GARNER; JOHN MILLER ET UX; CARLTON BOYCE ET UX; GERALD HALL 200 AC.; 184 AC.; 73 AC.; 1 AC.; 24 AC.; 72.5 AC.; 21.25 AC.; 20 AC.; 0.5 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 17,000' 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

DOUGLAS R. ROWE P.S. 2202
 DATE 12/21/15
 OPERATOR'S WELL# ALLIANCE UNIT #1H



04/01/2016