

LATITUDE 39°17'30"

4,406'

6,459' TO BOTTOM HOLE

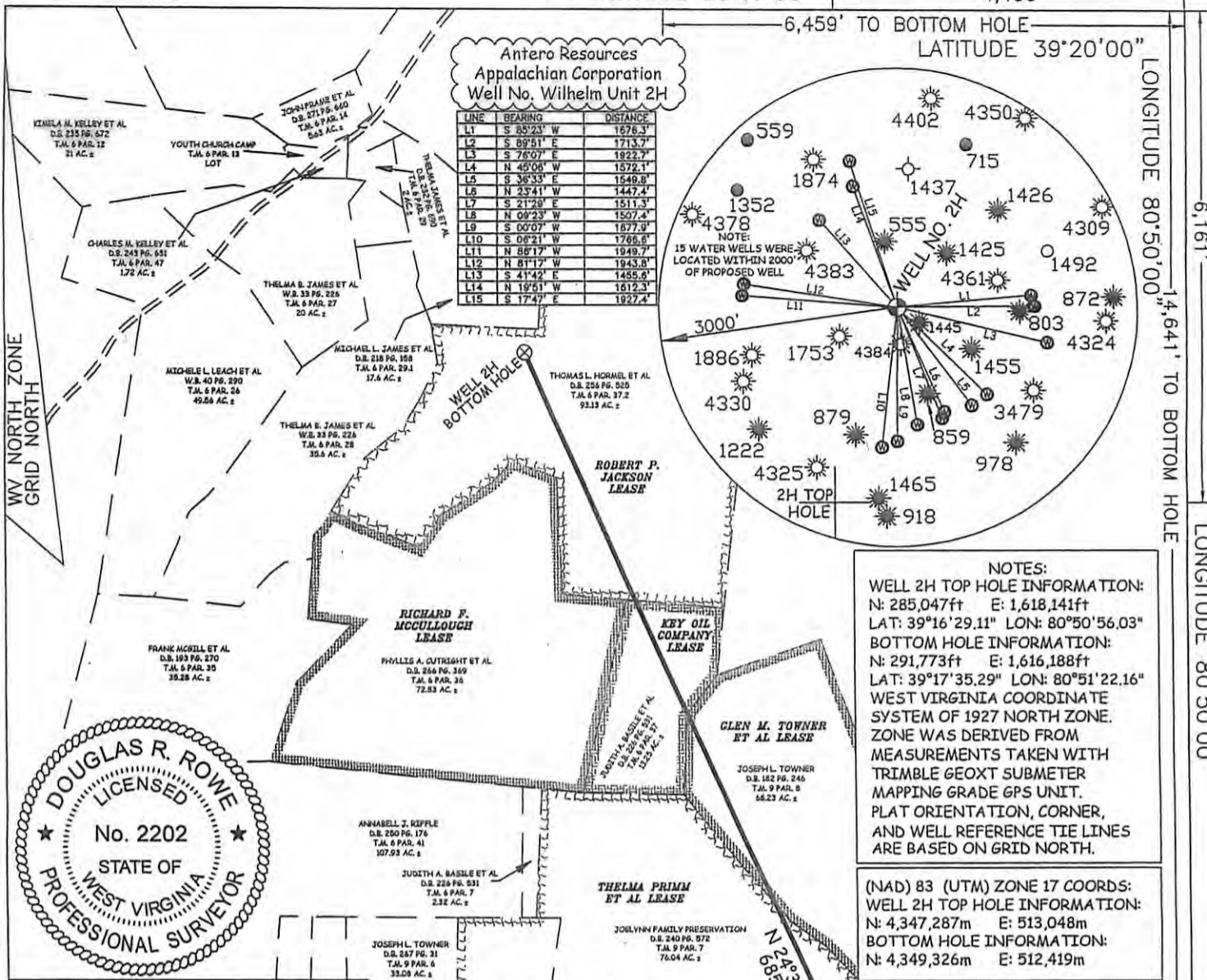
LATITUDE 39°20'00"

LONGITUDE 80°50'00"

6,161'

LONGITUDE 80°50'00"

LONGITUDE 80°50'00"



NOTES:
 WELL 2H TOP HOLE INFORMATION:
 N: 285,047ft E: 1,618,141ft
 LAT: 39°16'29.11" LON: 80°50'56.03"
 BOTTOM HOLE INFORMATION:
 N: 291,773ft E: 1,616,188ft
 LAT: 39°17'35.29" LON: 80°51'22.16"
 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: 4,347,287m E: 513,048m
 BOTTOM HOLE INFORMATION:
 N: 4,349,326m E: 512,419m

JOB # 12-103WA
 DRAWING # WILHELM2H
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

LEGEND
 --- Surface Owner Boundary Lines +/-
 - - - Interior Surface Tracts +/-
 X Existing Fence
 ⊕ Iron Rod, Found

DOUGLAS R. ROWE P.S. 2202

DATE 02/01/13
 OPERATOR'S WELL # WILHELM UNIT #2H
 API WELL # 47-017-06209
 STATE COUNTY PERMIT

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 REGULATIONS 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 AVE. PENNSBORO WEST VIRGINIA 26415

STATE OF WEST VIRGINIA DEPT. OF ENERGY DIVISION OF OIL AND GAS
 WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1,164' WATERSHED TRIBUTARY OF WILHELM RUN
 QUADRANGLE WEST UNION 7.5' DISTRICT CENTRAL COUNTY DODDRIDGE
 SURFACE OWNER MARY F. BROWN ACREAGE 49.43 ACRES +/-
 OIL & GAS ROYALTY OWNER MARY F. BROWN; EDNA R. BRITTON ET AL; DOLLY KOZLOWSKI ET AL; PATRICIA WRIGHT ET AL; LEASE ACREAGE 55.85 AC±; 95 AC±; 31.75 AC±; 31.5 ACRES±;
 WWSRA; THELMA PRIMM ET AL; GLEN TOWNER ET AL; KEY OIL COMPANY; RICHARD F. MCCULLOUGH; ROBERT P. JACKSON 76.04 AC±; 68.23 AC±; 17 AC±; 72.83 AC±; 94 AC±
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X
 PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL
 (SPECIFY) ___ PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,000' TVD 14,300' MD
 WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1625 17TH STREET ADDRESS CT CORPORATION SYSTEM
 DENVER, CO 80202 CHARLESTON, WV 25313

CANCELLED

COUNTY NAME PERMIT

06/27/2014