

LATITUDE 39°15'00"

6,267'

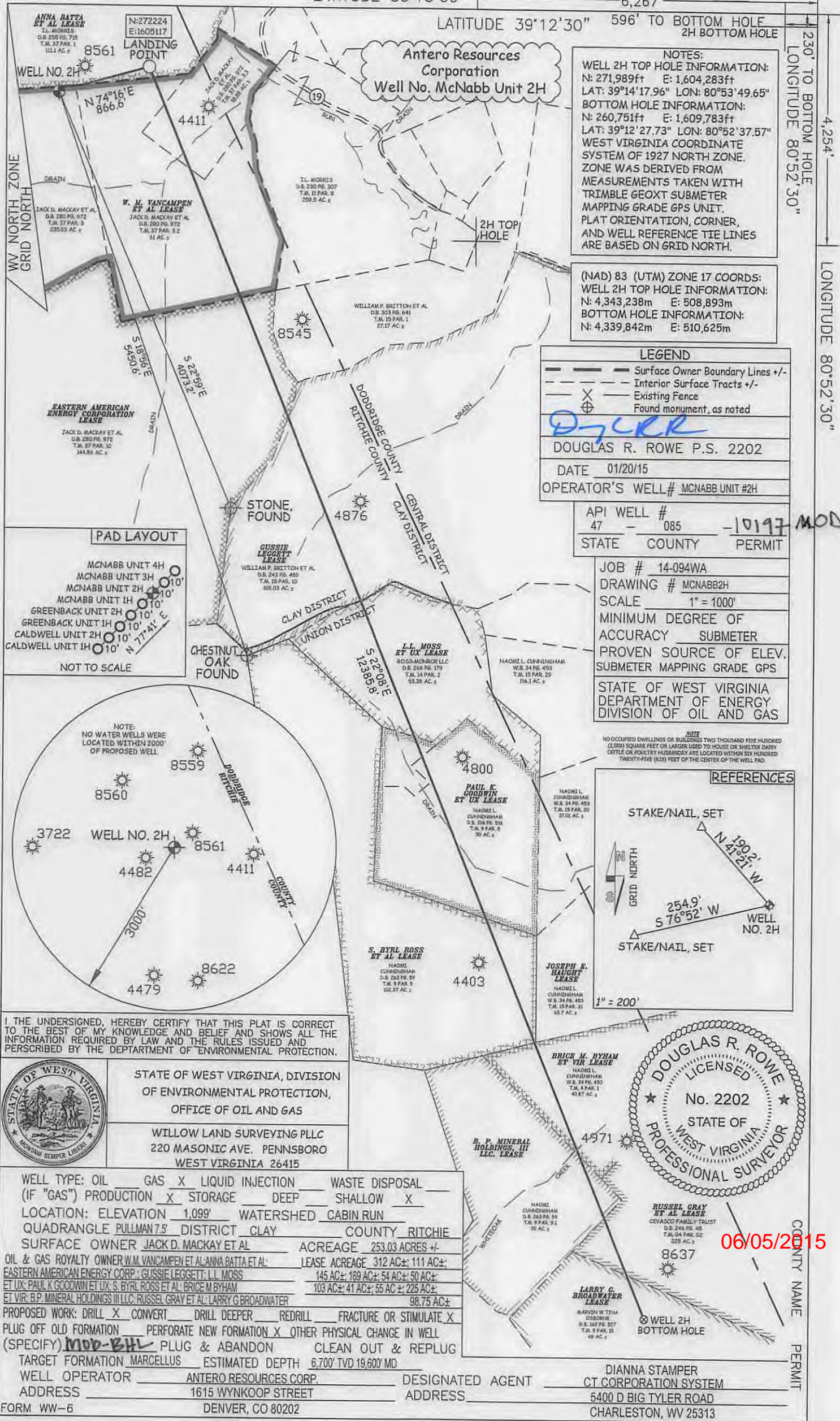
LATITUDE 39°12'30"

596' TO BOTTOM HOLE
2H BOTTOM HOLE

230' TO BOTTOM HOLE
LONGITUDE 80°52'30"

4,254'

LONGITUDE 80°52'30"



NOTES:
 WELL 2H TOP HOLE INFORMATION:
 N: 271,989ft E: 1,604,283ft
 LAT: 39°14'17.96" LON: 80°53'49.65"
 BOTTOM HOLE INFORMATION:
 N: 260,751ft E: 1,609,783ft
 LAT: 39°12'27.73" LON: 80°52'37.57"
 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: 4,343,238m E: 508,893m
 BOTTOM HOLE INFORMATION:
 N: 4,339,842m E: 510,625m

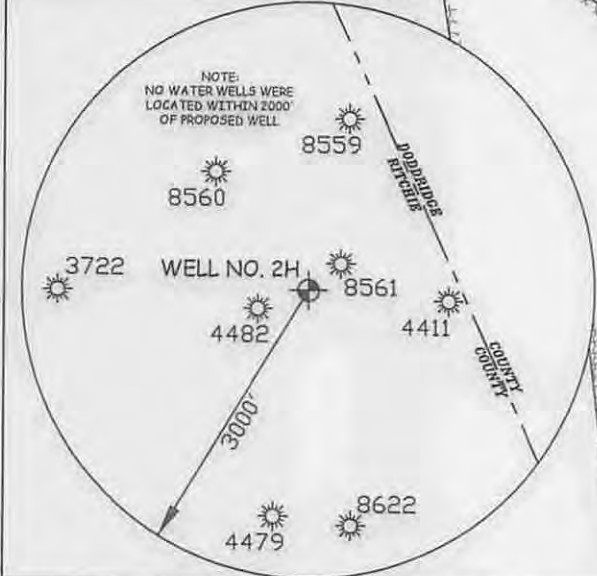
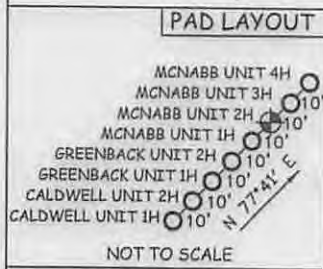
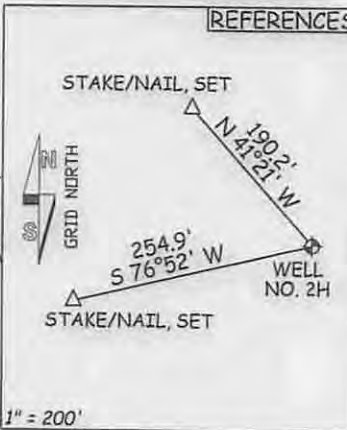
LEGEND
 - - - Surface Owner Boundary Lines +/-
 - - - Interior Surface Tracts +/-
 X Existing Fence
 ⊕ Found monument, as noted

DOUGLAS R. ROWE P.S. 2202
 DATE 01/20/15
 OPERATOR'S WELL# MCNABB UNIT #2H

API WELL #
 47 - 085 - 10197 MOD
 STATE COUNTY PERMIT

JOB # 14-094WA
 DRAWING # MCNABB2H
 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

NOTE
 NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HERDS/STOCK ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD

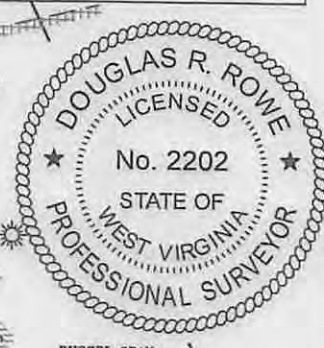


I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 WILLOW LAND SURVEYING PLLC
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1,099' WATERSHED CABIN RUN
 QUADRANGLE PULLMAN 7.5 DISTRICT CLAY COUNTY RITCHIE
 SURFACE OWNER JACK D. MACKAY ET AL ACREAGE 253.03 ACRES +/-
 OIL & GAS ROYALTY OWNER W.M. VANCAMPEN ET AL/ANNA BATTIA ET AL: LEASE ACREAGE 312 AC±; 111 AC±;
 EASTERN AMERICAN ENERGY CORP.; GUSSIE LEGGETT; L.L. MOSS 145 AC±; 169 AC±; 54 AC±; 50 AC±;
 ET UX; PAUL K GOODWIN ET UX; S. BYRL ROSS ET AL; BRICE M BYHAM 103 AC±; 41 AC±; 55 AC±; 225 AC±;
 ET VIR; B.P. MINERAL HOLDINGS III LLC; RUSSEL GRAY ET AL; LARRY G BROADWATER 98.75 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
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,700' TVD 19,600' MD
 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



06/05/2015

COUNTY NAME PERMIT