

LATITUDE 39°15'00"

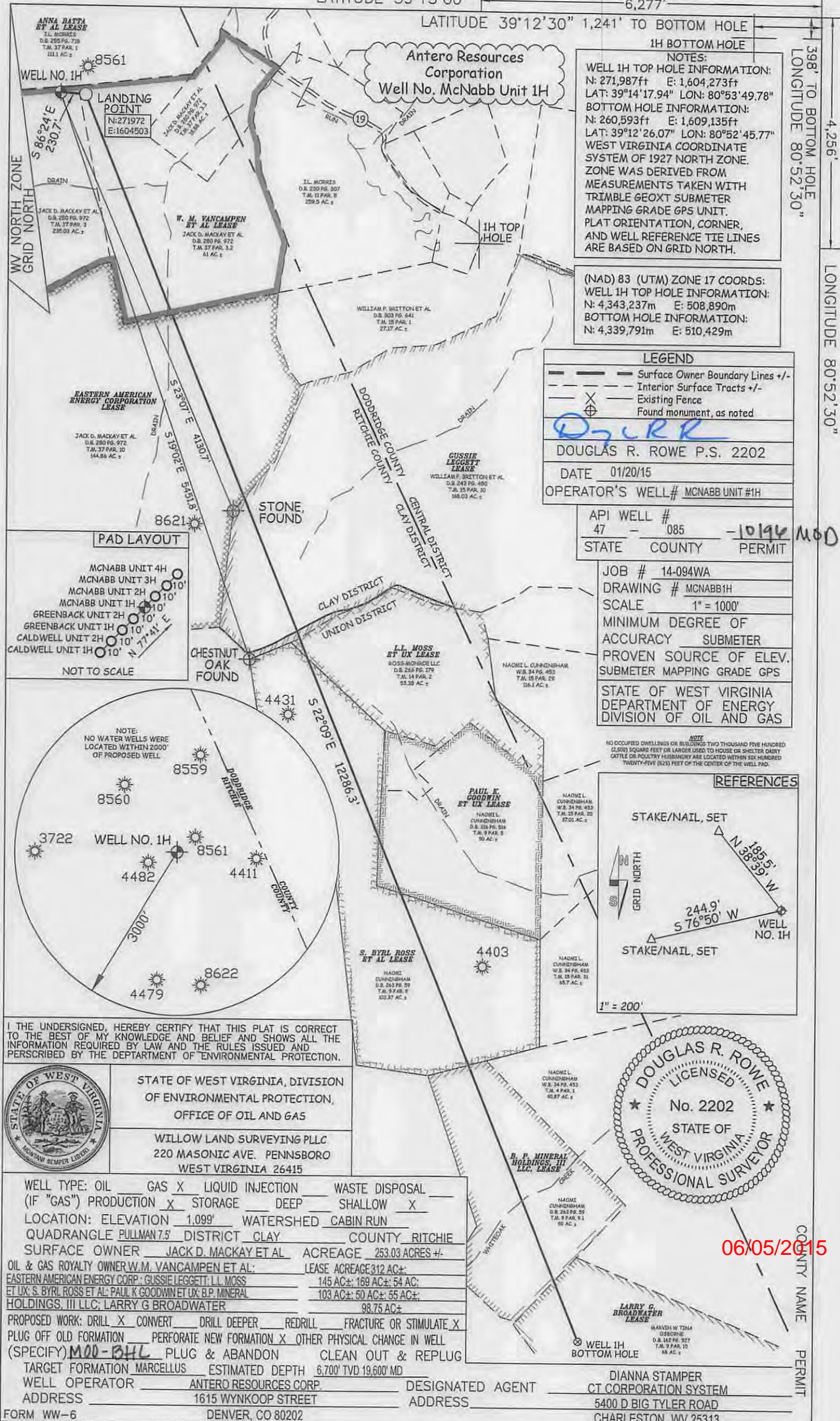
6,277'

LATITUDE 39°12'30" 1,241' TO BOTTOM HOLE

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

4,256'

LONGITUDE 80°52'30"



NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 271,987ft E: 1,604,273ft
 LAT: 39°14'17.94" LON: 80°53'49.78"
 BOTTOM HOLE INFORMATION:
 N: 260,593ft E: 1,609,135ft
 LAT: 39°12'26.07" LON: 80°52'45.77"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE 6EOXT 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: 4,343,237m E: 508,890m
 BOTTOM HOLE INFORMATION:
 N: 4,339,791m E: 510,429m

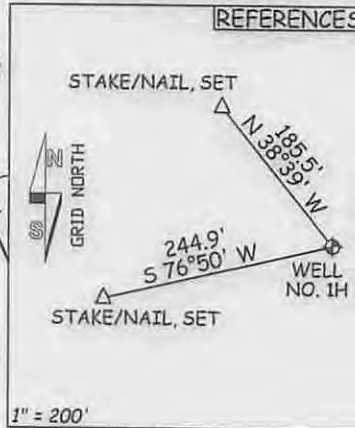
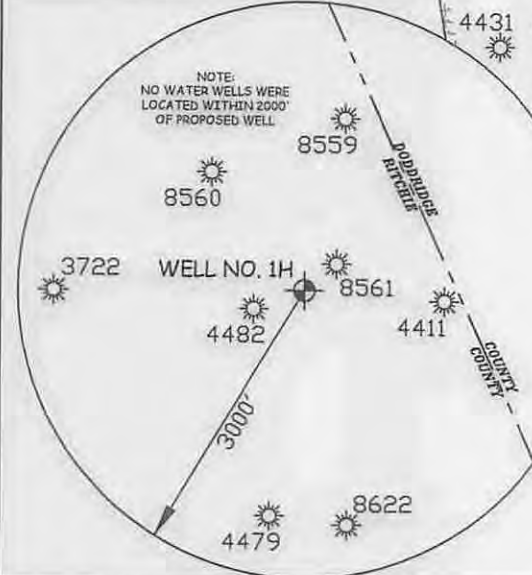
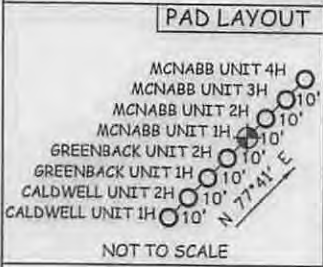
LEGEND
 - - - Surface Owner Boundary Lines +/-
 - - - Interior Surface Tracts +/-
 X Existing Fence
 ⊕ Found monument, as noted

D. R. Rowe
 DOUGLAS R. ROWE P.S. 2202
 DATE 01/20/15
 OPERATOR'S WELL# MCNABB UNIT #1H

API WELL # 47 - 085 - 10194 MOD
 STATE COUNTY PERMIT

JOB # 14-094WA
 DRAWING # MCNABB1H
 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

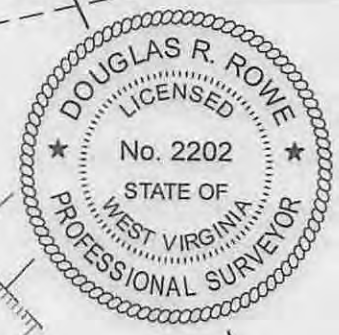
NOTE: NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER CATTLE OR HOLSTEIN HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.



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: LEASE ACREAGE 312 AC+;
 EASTERN AMERICAN ENERGY CORP.; GUSSIE LEGGETT; L.L. MOSS 145 AC+; 169 AC+; 54 AC;
 ET UX: S. BYRL ROSS ET AL; PAUL K GOODWIN ET UX; B.P. MINERAL HOLDINGS, III LLC; LARRY G BROADWATER 103 AC+; 50 AC+; 55 AC+;
 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 5400 D BIG TYLER ROAD
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313



06/05/2015

COUNTY NAME PERMIT