

LATITUDE 39°12'30"

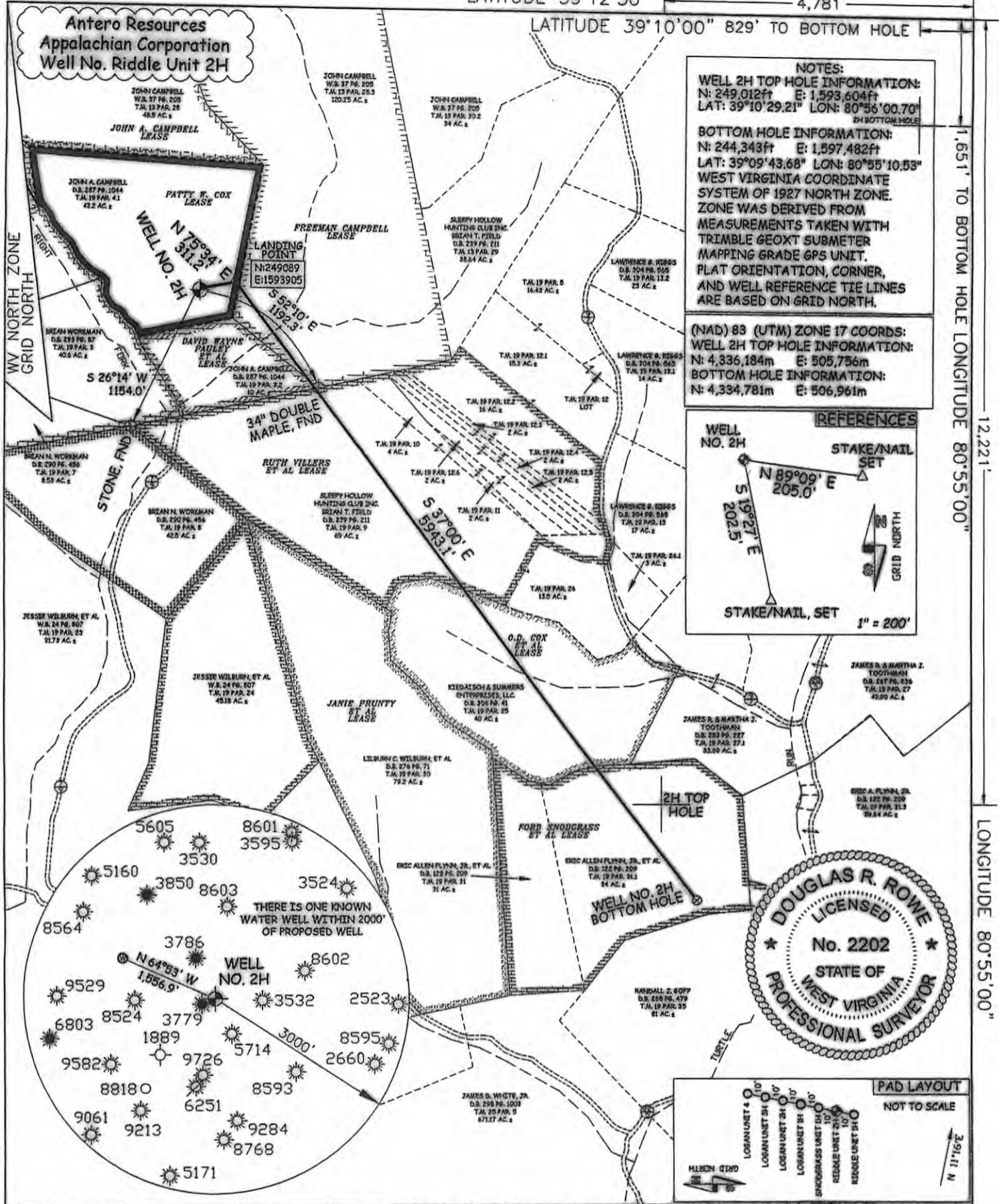
4,781'

LATITUDE 39°10'00" 829' TO BOTTOM HOLE

1,651' TO BOTTOM HOLE LONGITUDE 80°55'00"

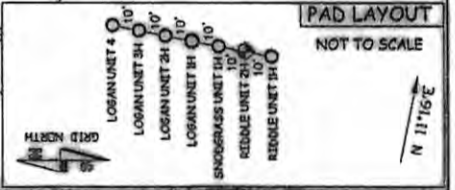
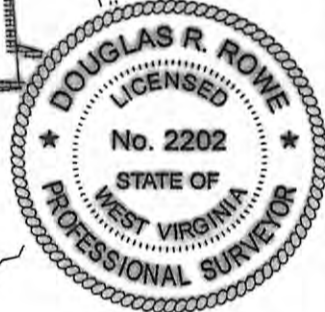
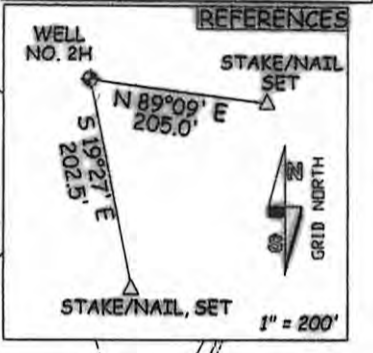
12,221'

LONGITUDE 80°55'00"



NOTES:
WELL 2H TOP HOLE INFORMATION:
 N: 249,012ft E: 1,593,604ft
 LAT: 39°10'29.21" LON: 80°56'00.70"
2H BOTTOM HOLE
BOTTOM HOLE INFORMATION:
 N: 244,343ft E: 1,597,482ft
 LAT: 39°09'43.68" LON: 80°55'10.53"
 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: 4,336,184m E: 505,756m
BOTTOM HOLE INFORMATION:
 N: 4,334,781m E: 506,961m



JOB # 12-046WA
 DRAWING # RIDDLE2HR2
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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 PERSERIBED 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

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

DRR
 DOUGLAS R. ROWE P.S. 2202

DATE 12/04/12
 OPERATOR'S WELL # RIDDLE UNIT #2H

API WELL # 47 - 085 - 09991
 STATE WV COUNTY RITCHIE PERMIT CANCELLED

QUADRANGLE PULLMAN 7.5' DISTRICT UNION COUNTY RITCHIE

SURFACE OWNER JOHN A. & LINDA J. CAMPBELL ACREAGE 43.2 ACRES +/-
 OIL & GAS ROYALTY OWNER PATTY W. COX; DAVID W. PAULEY ET AL; RUTH VILLERS ET AL; FREEMAN CAMPBELL; O.D. COX ET AL; FORD SNOODGRASS ET AL LEASE ACREAGE 43.2 ACRES +/-; 112 ACRES +/-; 100 ACRES +/-; 120.25 ACRES +/-; 54 ACRES +/-; 65 ACRES +/-

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 6,800' TVD 13,300' MD

WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1625 17TH STREET ADDRESS CT CORPORATION SYSTEM
DENVER, CO 80202 5400 D BIG TYLER ROAD
CHARLESTON, WV 25313

COUNTY NAME PERMIT