

LATITUDE 39°15'00"

7,930'

6,399' TO BOTTOM HOLE

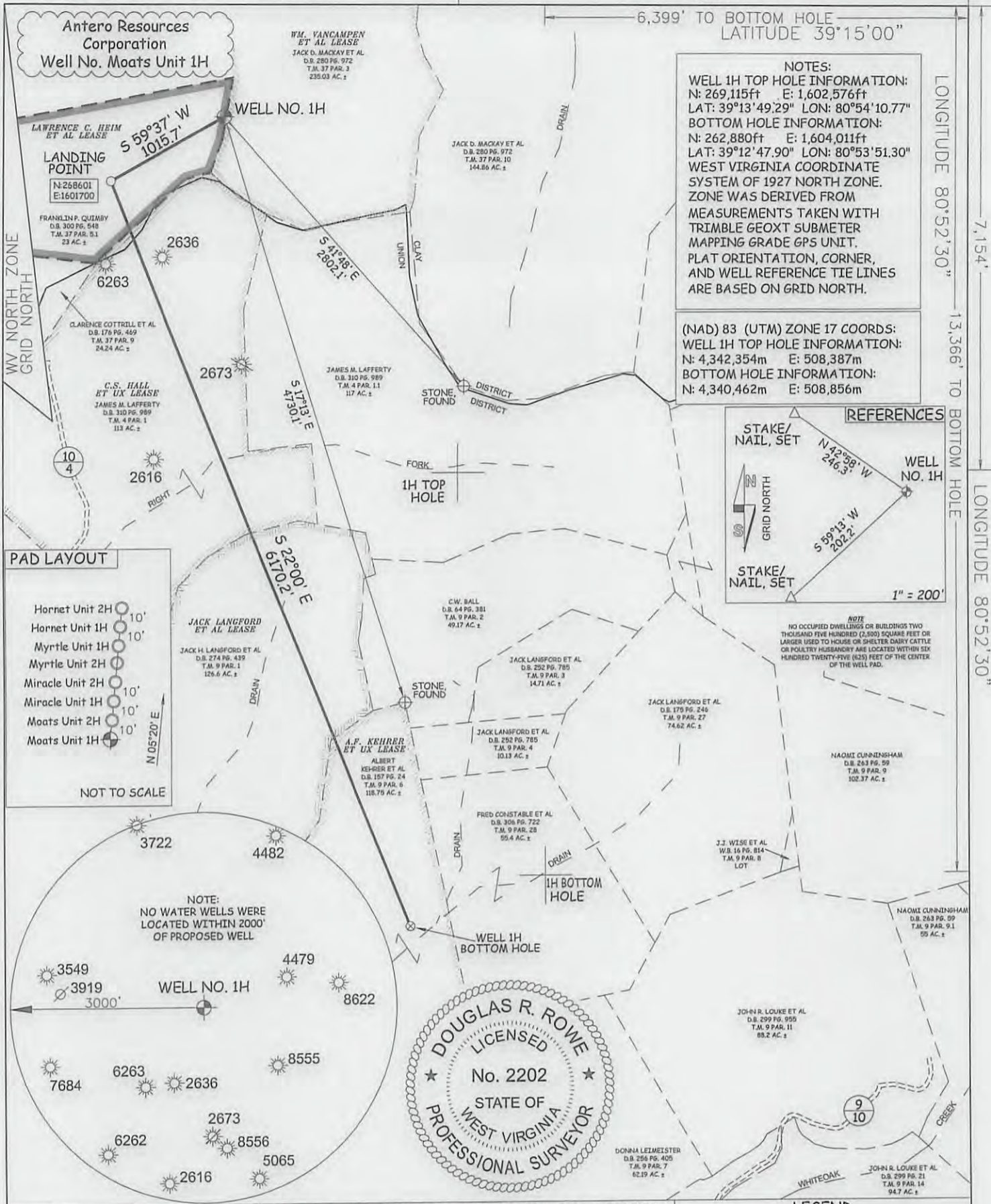
LATITUDE 39°15'00"

LONGITUDE 80°52'30"

7,154'

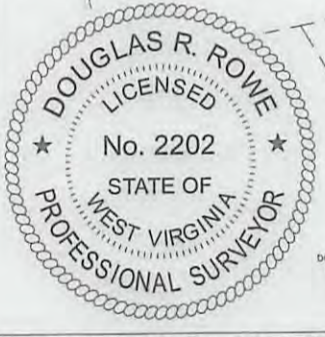
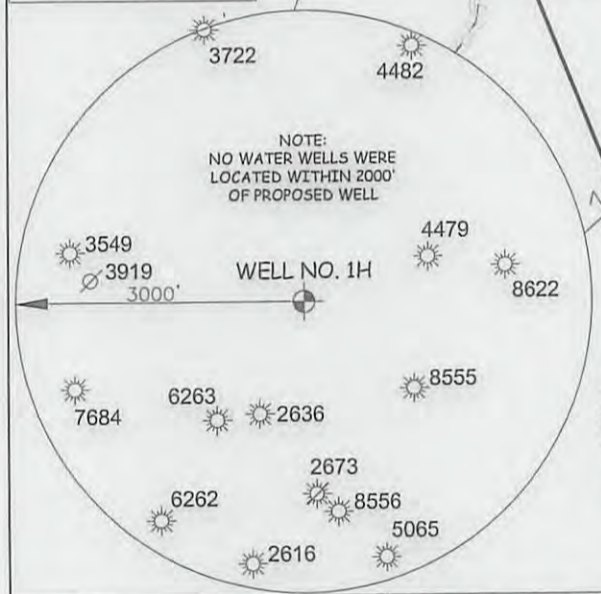
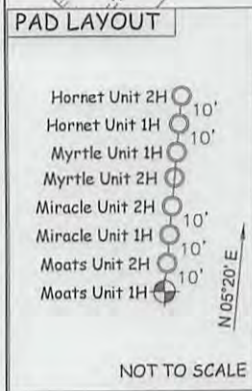
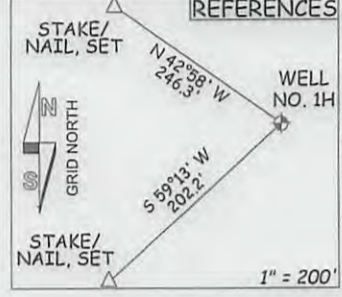
13,366' TO BOTTOM HOLE

LONGITUDE 80°52'30"



NOTES:
WELL 1H TOP HOLE INFORMATION:
 N: 269,115ft E: 1,602,576ft
 LAT: 39°13'49.29" LON: 80°54'10.77"
BOTTOM HOLE INFORMATION:
 N: 262,880ft E: 1,604,011ft
 LAT: 39°12'47.90" LON: 80°53'51.30"
 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: 4,342,354m E: 508,387m
BOTTOM HOLE INFORMATION:
 N: 4,340,462m E: 508,856m



JOB # 13-051WA
 DRAWING # MOATS1H
 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 X LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
 LOCATION: ELEVATION 1,191' WATERSHED TRIBUTARY OF CABIN RUN
 QUADRANGLE PULLMAN 7.5' DISTRICT CLAY (TH) UNION (BH) COUNTY RITCHIE
 SURFACE OWNER FRANKLIN P. QUIMBY ACREAGE 23 ACRES +/-
 OIL & GAS ROYALTY OWNER LAWRENCE C. HEIM ET AL; C.S. HALL ET UX; LEASE ACREAGE 53 AC±; 113 AC±;
 JACK LANGFORD ET AL; A.F. KEHRER ET UX 448.5 AC±; 118.75 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 6,900' TVD 13,600' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD
 DENVER, CO 80202 CHARLESTON, WV 25310

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

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

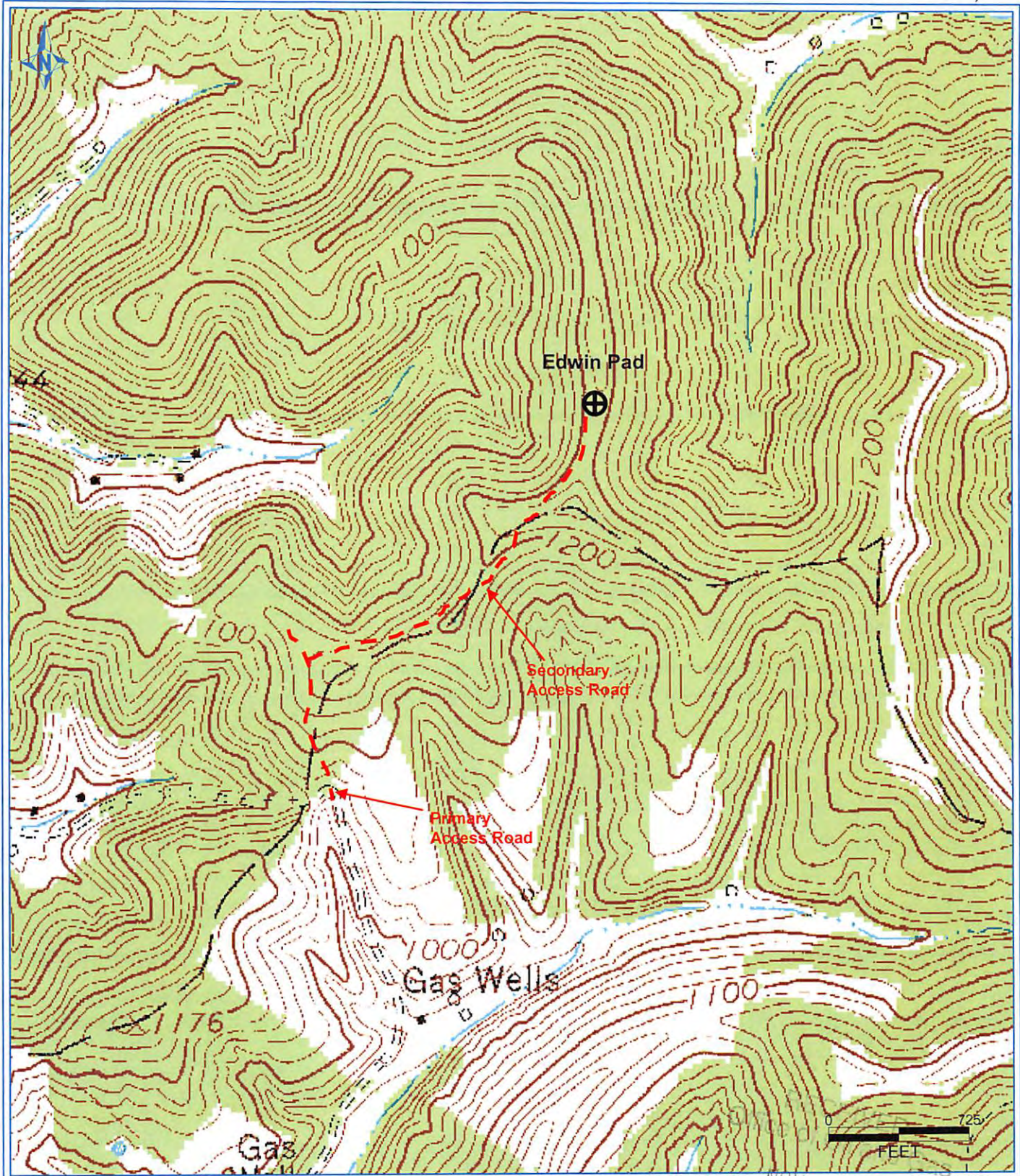
DOUGLAS R. ROWE P.S. 2202

DATE 11/20/13

OPERATOR'S WELL# MOATS UNIT #H
 API WELL # 47 085
 STATE COUNTY PERMIT

COUNTY NAME PERMIT

85-10079



PETRA 8/9/2013 2:27:35 PM

Antero Resources Corporation
 Appalachian Basin
 Moats Unit 1H
 Ritchie County

Quadrangle: Pullman
 Watershed: Little Kanawha
 District: Clay
 Date: 8-9-2013