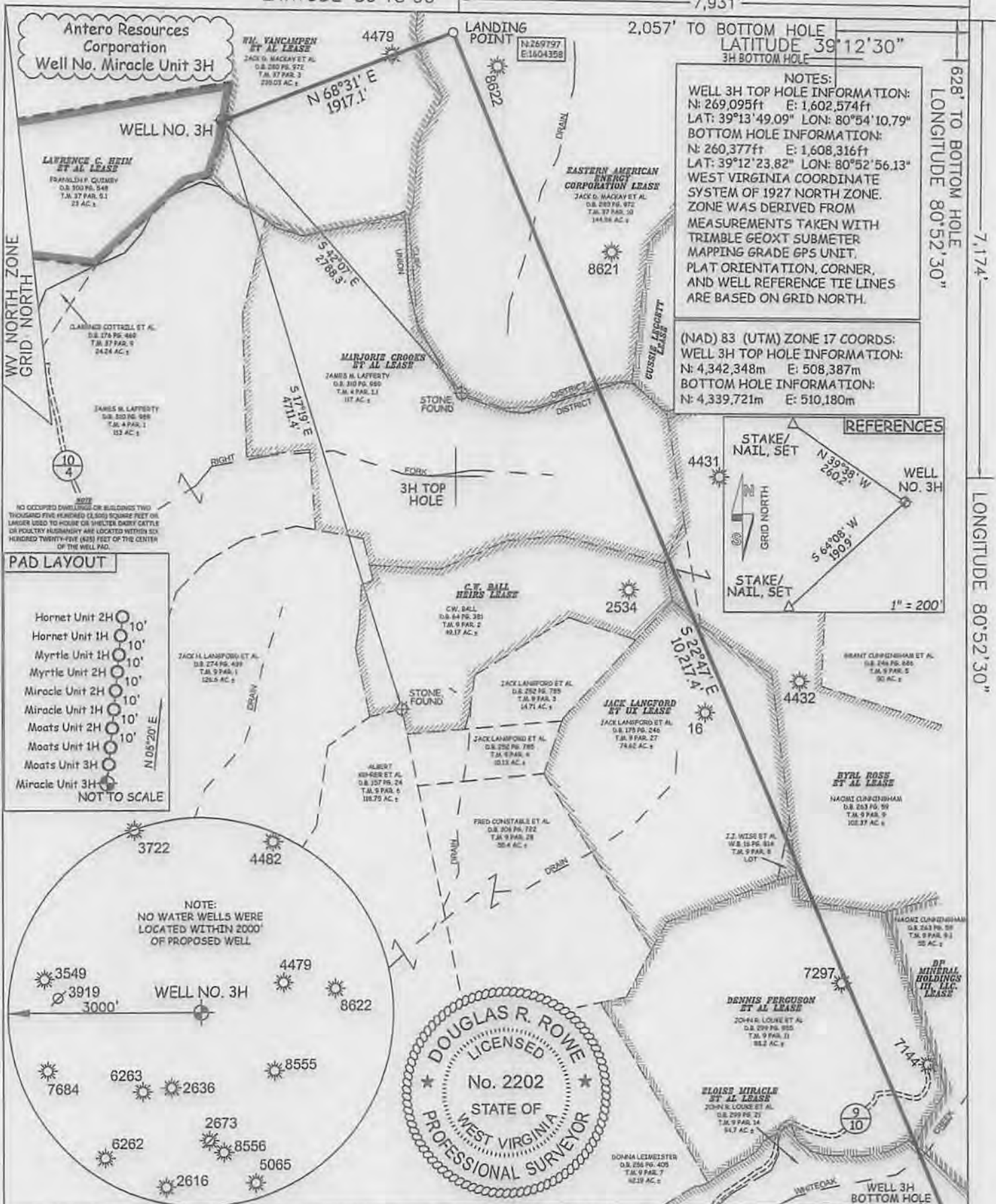


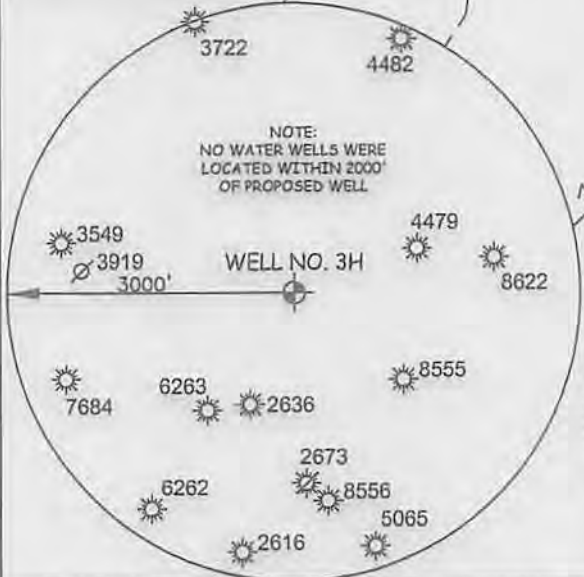
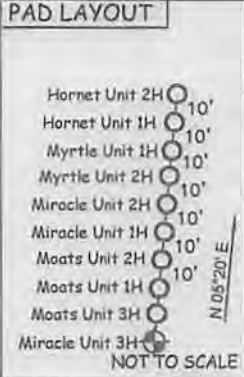
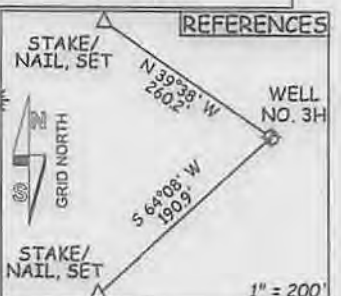
LATITUDE 39°15'00"

7,931'



NOTES:  
 WELL 3H TOP HOLE INFORMATION:  
 N: 269,095ft E: 1,602,574ft  
 LAT: 39°13'49.09" LON: 80°54'10.79"  
 BOTTOM HOLE INFORMATION:  
 N: 260,377ft E: 1,608,316ft  
 LAT: 39°12'23.82" LON: 80°52'56.13"  
 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 3H TOP HOLE INFORMATION:  
 N: 4,342,348m E: 508,387m  
 BOTTOM HOLE INFORMATION:  
 N: 4,339,721m E: 510,180m



JOB # 13-050WA  
 DRAWING # MIRACLE3HR2  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY SUBMETER  
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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.

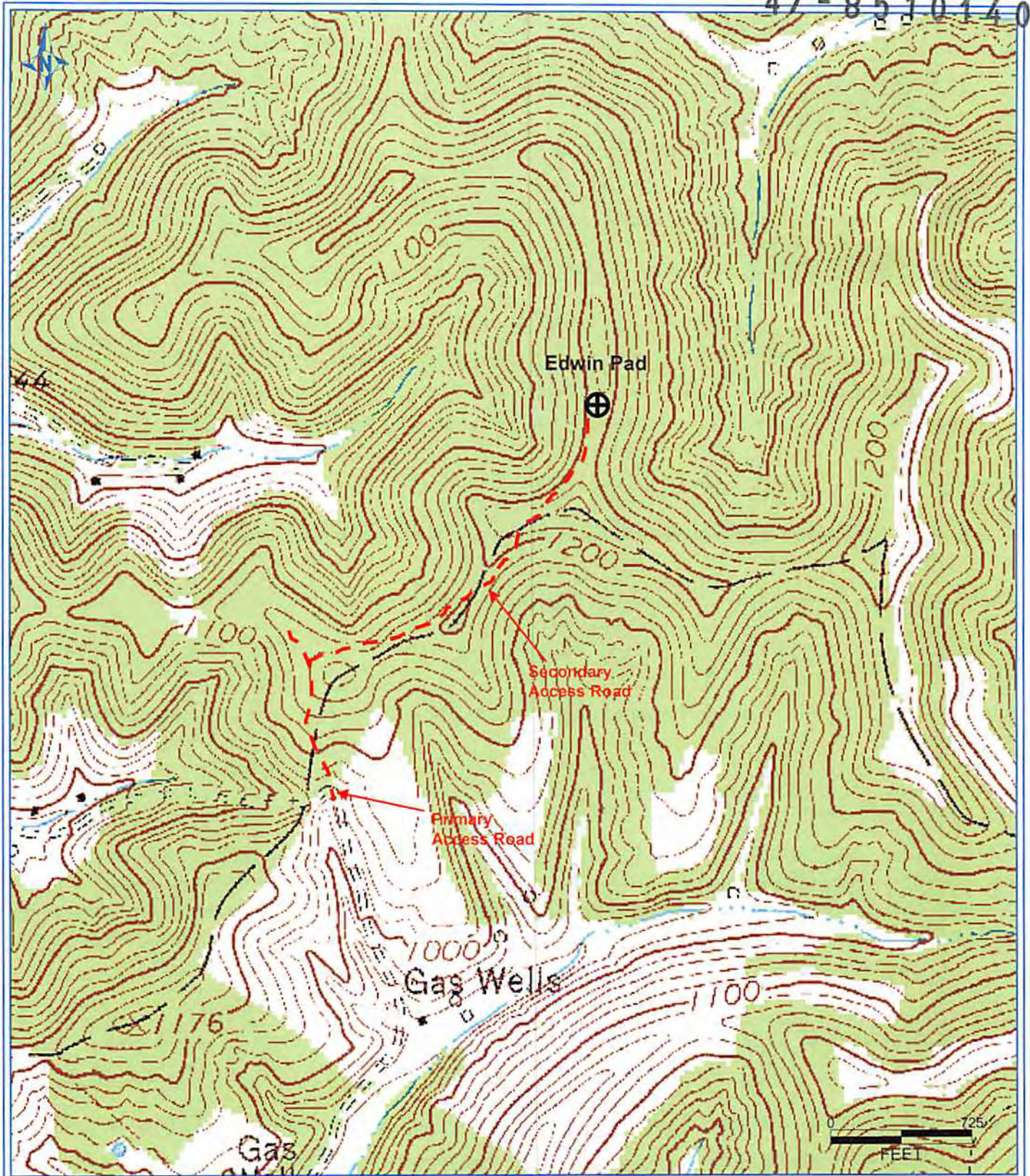


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
 WILLOW LAND SURVEYING PLLC  
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

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

DOUGLAS R. ROWE P.S. 2202  
 DATE 07/01/14  
 OPERATOR'S WELL# MIRACLE UNIT #3H  
 API WELL # 47 - 085 - 1014046A  
 STATE COUNTY PERMIT

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 (RH) COUNTY RITCHIE  
 SURFACE OWNER FRANKLIN P. QUIMBY ACREAGE 23 ACRES +/-  
 OIL & GAS ROYALTY OWNER LAWRENCE C. HEIM ET AL; WM. VAN CAMPEN ET AL; EASTERN AMERICAN ENERGY CORP.; LEASE ACREAGE 53 AC±; 312 AC±; 145 AC±; MARJORIE CROOKS ET AL; BYRIL ROSS ET AL; JACK LANGFORD ET UX; DENNIS FERGUSON ET AL; BP MINERAL HOLDINGS III, LLC; ELOISE MIRACLE ET AL 117 AC±; 103 AC±; 74 AC±; 88 AC±; 55 AC±; 118 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 9,800' TVD 17,900' MD  
 DIANNA STAMPER  
 CT CORPORATION SYSTEM  
 5400 D BIG TYLER ROAD  
 CHARLESTON, WV 25310  
 RECEIVED  
 Department of Environmental Protection  
 09/26/2014



DETR & RIG/2013 2:27:35 PM

**Antero Resources Corporation**  
 Appalachian Basin and Gas  
 Miracle Unit 3H  
 Ritchie County  
 WV Department of Environmental Protection  
 Date: 8-9-2013

RECEIVED  
 JUL 08 2014