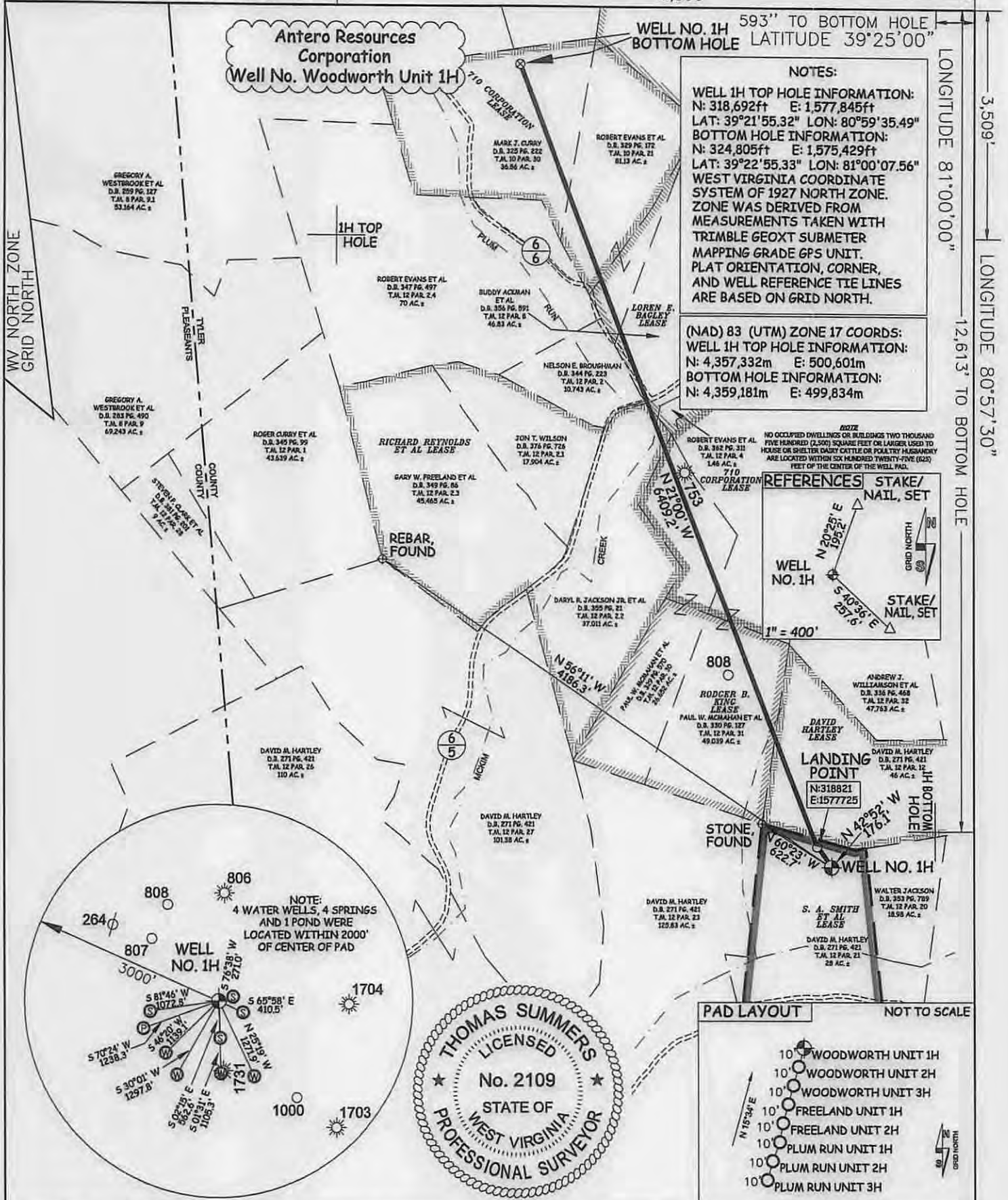


LATITUDE 39°22'30"

9,855'

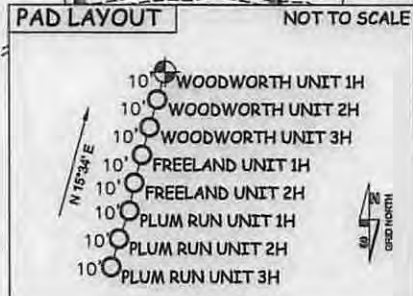
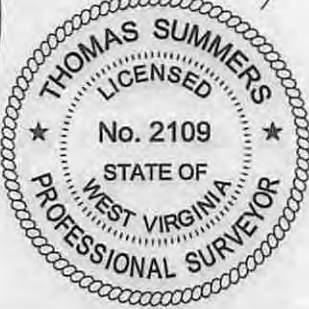
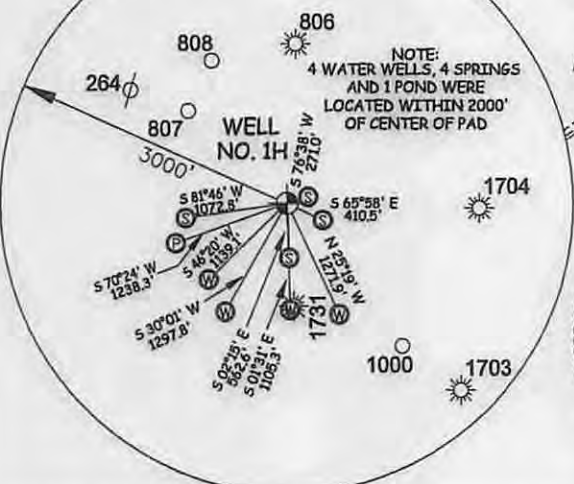
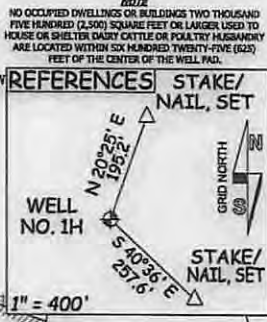


**Antero Resources Corporation**  
**Well No. Woodworth Unit 1H**

593' TO BOTTOM HOLE  
 BOTTOM HOLE LATITUDE 39°25'00"

**NOTES:**  
 WELL 1H TOP HOLE INFORMATION:  
 N: 318,692ft E: 1,577,845ft  
 LAT: 39°21'55.32" LON: 80°59'35.49"  
 BOTTOM HOLE INFORMATION:  
 N: 324,805ft E: 1,575,429ft  
 LAT: 39°22'55.33" LON: 81°00'07.56"  
 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: 4,357,332m E: 500,601m  
 BOTTOM HOLE INFORMATION:  
 N: 4,359,181m E: 499,834m



JOB # 13-081WA  
 DRAWING # WOODWORTH1HR1  
 SCALE 1" = 1000'

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.

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

MINIMUM DEGREE OF ACCURACY SUBMETER  
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

THOMAS SUMMERS P.S. 2109  
 DATE 3/20/15  
 OPERATOR'S WELL# WOODWORTH UNIT #1H

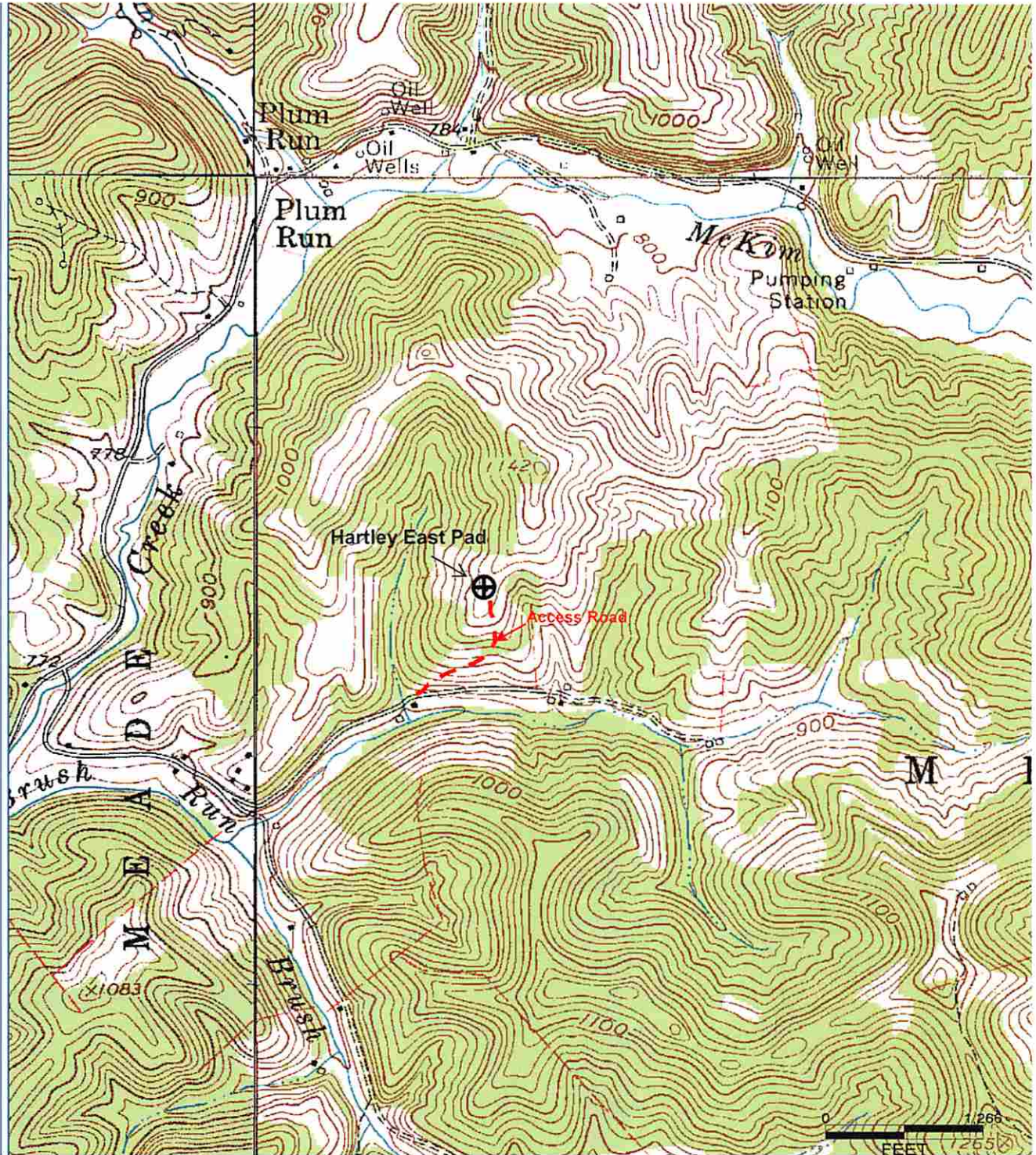
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

WILLOW LAND SURVEYING PLLC  
 266 HUSHERS RUN RD PENNSBORO WEST VIRGINIA 26415

API WELL # 47 - 095 - 02222  
 STATE COUNTY PERMIT

WELL TYPE: OIL    GAS X LIQUID INJECTION    WASTE DISPOSAL     
 (IF "GAS") PRODUCTION X STORAGE    DEEP    SHALLOW X  
 LOCATION: ELEVATION 1,021' WATERSHED TRIBUTARY OF BRUSH RUN  
 QUADRANGLE PENNSBORO 7.5 (TOP HOLE) BENS RUN 7.5 (BOTTOM HOLE) DISTRICT MEADE COUNTY TYLER  
 SURFACE OWNER DAVID M. HARTLEY ACREAGE 28 ACRES +/-  
 OIL & GAS ROYALTY OWNER S.A. SMITH ET AL; DAVID HARTLEY; RODGE B. KING; 710 CORPORATION; LOREN E. BAGLEY; 710 CORPORATION LEASE ACREAGE 28 AC+; 74 AC+; 43 AC+; 39.4 AC+; 39.69 AC+; 57 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 6,200' TVD 13,300' MD  
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER  
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD  
DENVER, CO 80202 CHARLESTON, WV 25313

4709502222



Received  
Office of Oil & Gas  
NOV 26 2014

**Antero Resources Corporation**  
Appalachian Basin  
Woodworth Unit 1H  
Tyler County  
Quadrangle: Ellenboro & Pennsboro  
Watershed: Middle Island Creek  
District: Meade  
Date: 7-26-2013