

LATITUDE 39°22'30"

9,861'

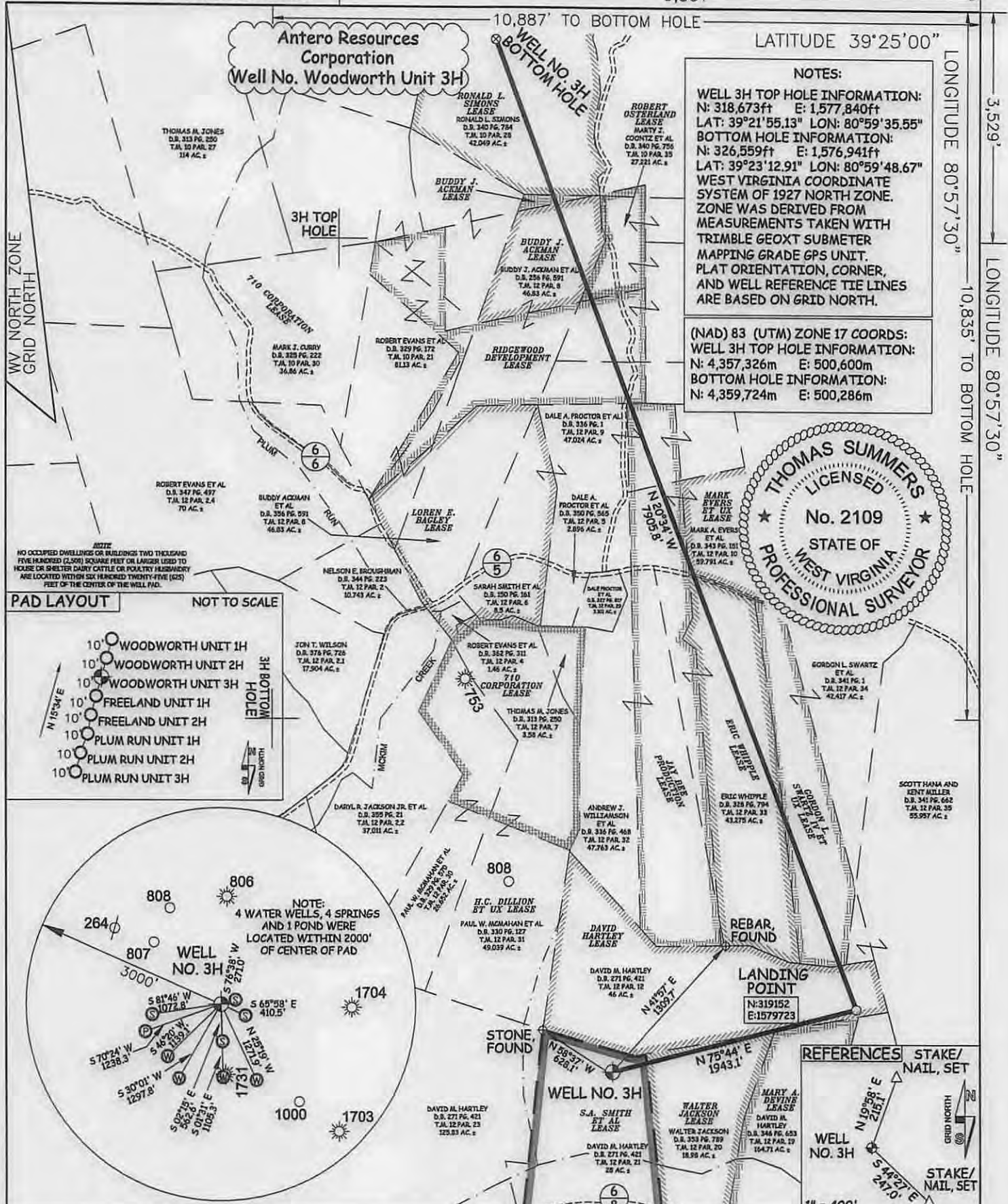
LATITUDE 39°25'00"

LONGITUDE 80°57'30"

LONGITUDE 80°57'30"

COUNTY NAME

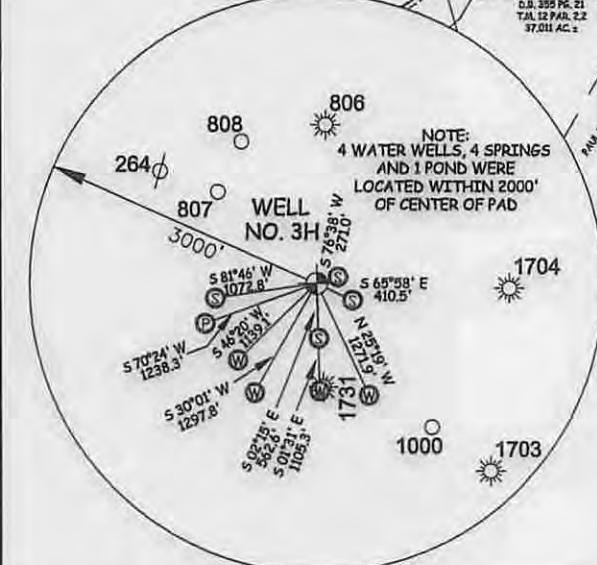
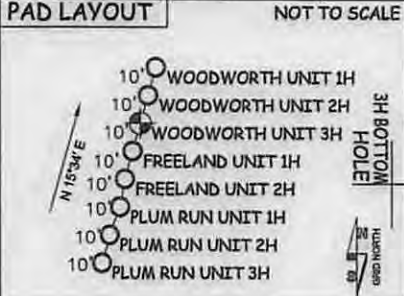
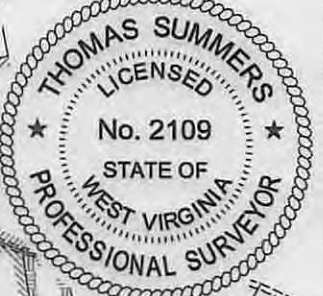
PERMIT



NOTES:

WELL 3H TOP HOLE INFORMATION:
 N: 318,673ft E: 1,577,840ft
 LAT: 39°21'55.13" LON: 80°59'35.55"
 BOTTOM HOLE INFORMATION:
 N: 326,559ft E: 1,576,941ft
 LAT: 39°23'12.91" LON: 80°59'48.67"
 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: 4,357,326m E: 500,600m
 BOTTOM HOLE INFORMATION:
 N: 4,359,724m E: 500,286m



JOB # 13-081WA
 DRAWING # WOODWORTH3H
 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 RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



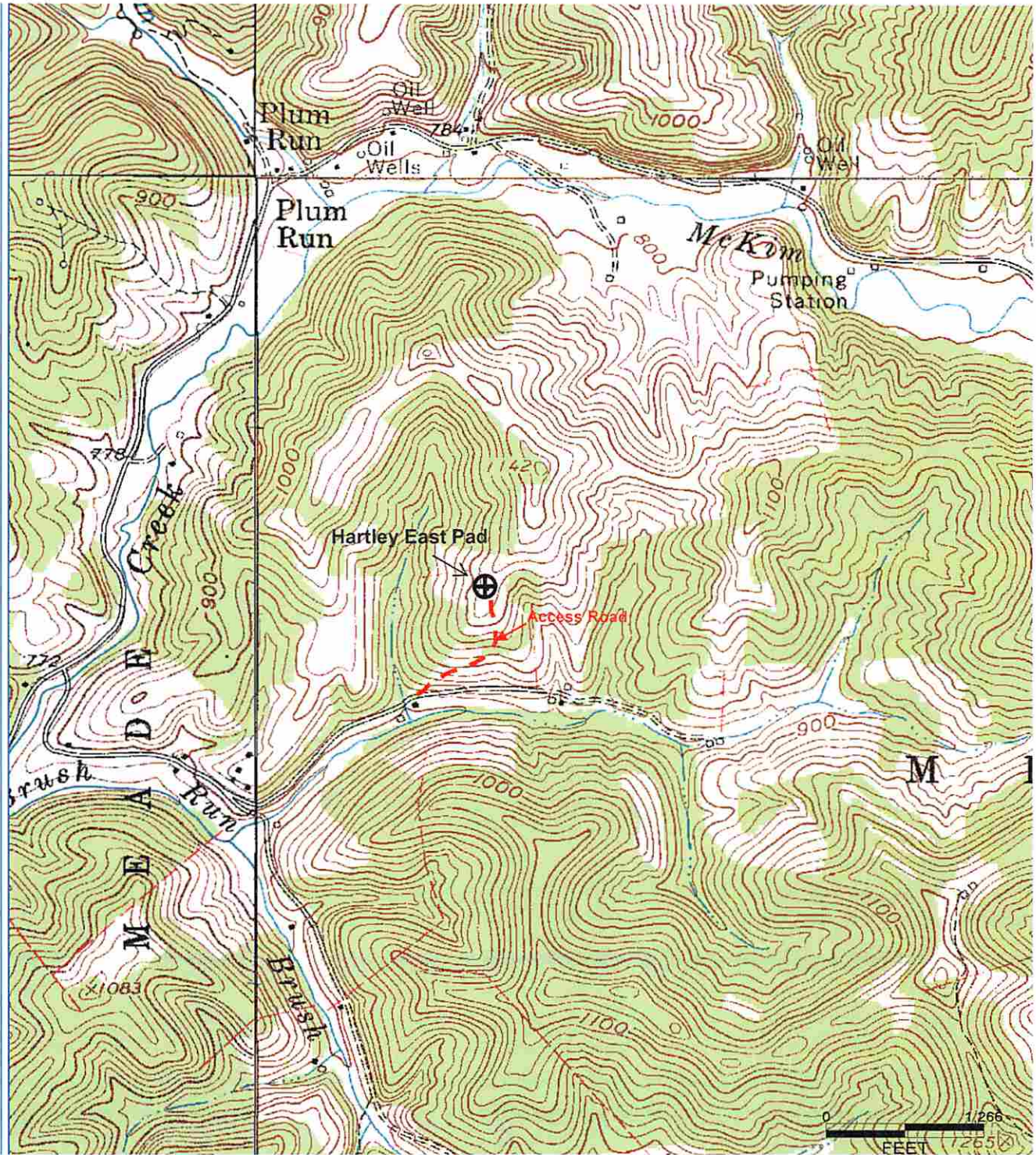
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 WILLOW LAND SURVEYING PLLC
 266 HUSHERS RUN RD PENNSBORO WEST VIRGINIA 26415

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

THOMAS SUMMERS P.S. 2109

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: ORIGINAL GROUND ELEVATION 1,031' PAD ELEVATION 1,021' WATERSHED OUTLET MIDDLE ISLAND CREEK
 QUADRANGLE PENNSBORO 7.5 (TOP HOLE) MIDDLEBOURNE 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; WALTER JACKSON; MARY A. DEVINE; DAVID HARTLEY; LEASE ACREAGE 28 AC; 24.0125 AC; 40 AC; 46 AC;
 GORDON L. SWARTZ IV ET UX; ERIC WHIPPLE; MARK EVERS ET UX; JAY-BEE PRODUCTION; RIDGEWOOD DEVELOPMENT; ROBERT OSTERLAND; BUDDY J. ACKMAN; BUDDY J. ACKMAN; RONALD L. SIMONS 21.519 AC; 43.275 AC; 38.842 AC; 43.463 AC; 50 AC; 9.83 AC; 14.87 AC; 1.202 AC; 42.049 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) ___
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,500' TVD 15,100' 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

4709502250



Antero Resources Corporation

Appalachian Basin

Woodworth Unit 3H

Tyler County

Quadrangle: Ellenboro & Pennsboro

Watershed: Middle Island Creek

District: Meade

Date: 7-26-2013

Received
Office of Oil & Gas

MAR 27 2015