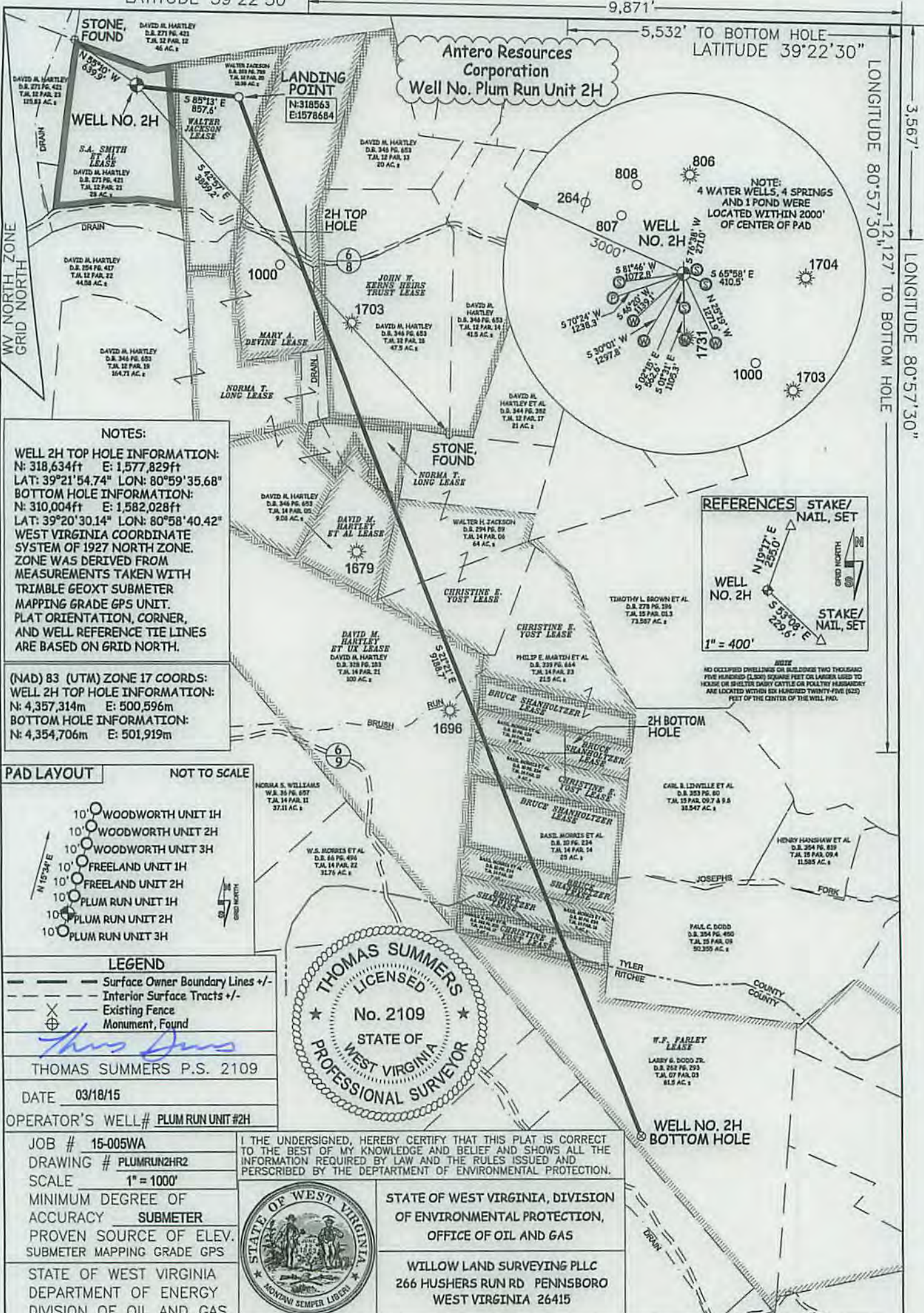


LATITUDE 39°22'30"

9,871'

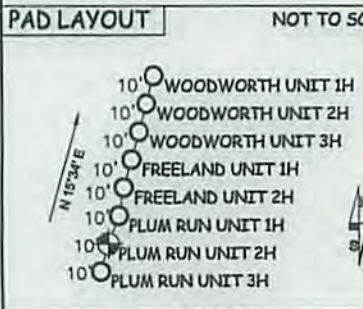
5,532' TO BOTTOM HOLE
LATITUDE 39°22'30"

LONGITUDE 80°57'30"
12,127' TO BOTTOM HOLE
LONGITUDE 80°57'30"



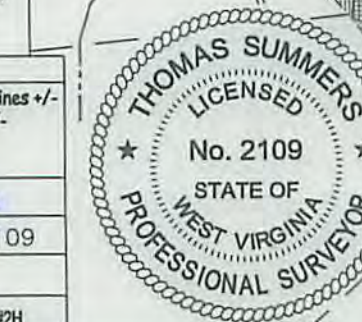
NOTES:
 WELL 2H TOP HOLE INFORMATION:
 N: 318,634ft E: 1,577,829ft
 LAT: 39°21'54.74" LON: 80°59'35.68"
 BOTTOM HOLE INFORMATION:
 N: 310,004ft E: 1,582,028ft
 LAT: 39°20'30.14" LON: 80°58'40.42"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE 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: 4,357,314m E: 500,596m
 BOTTOM HOLE INFORMATION:
 N: 4,354,706m E: 501,919m



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

THOMAS SUMMERS P.S. 2109
 DATE 03/18/15
 OPERATOR'S WELL# PLUM RUN UNIT #2H



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.

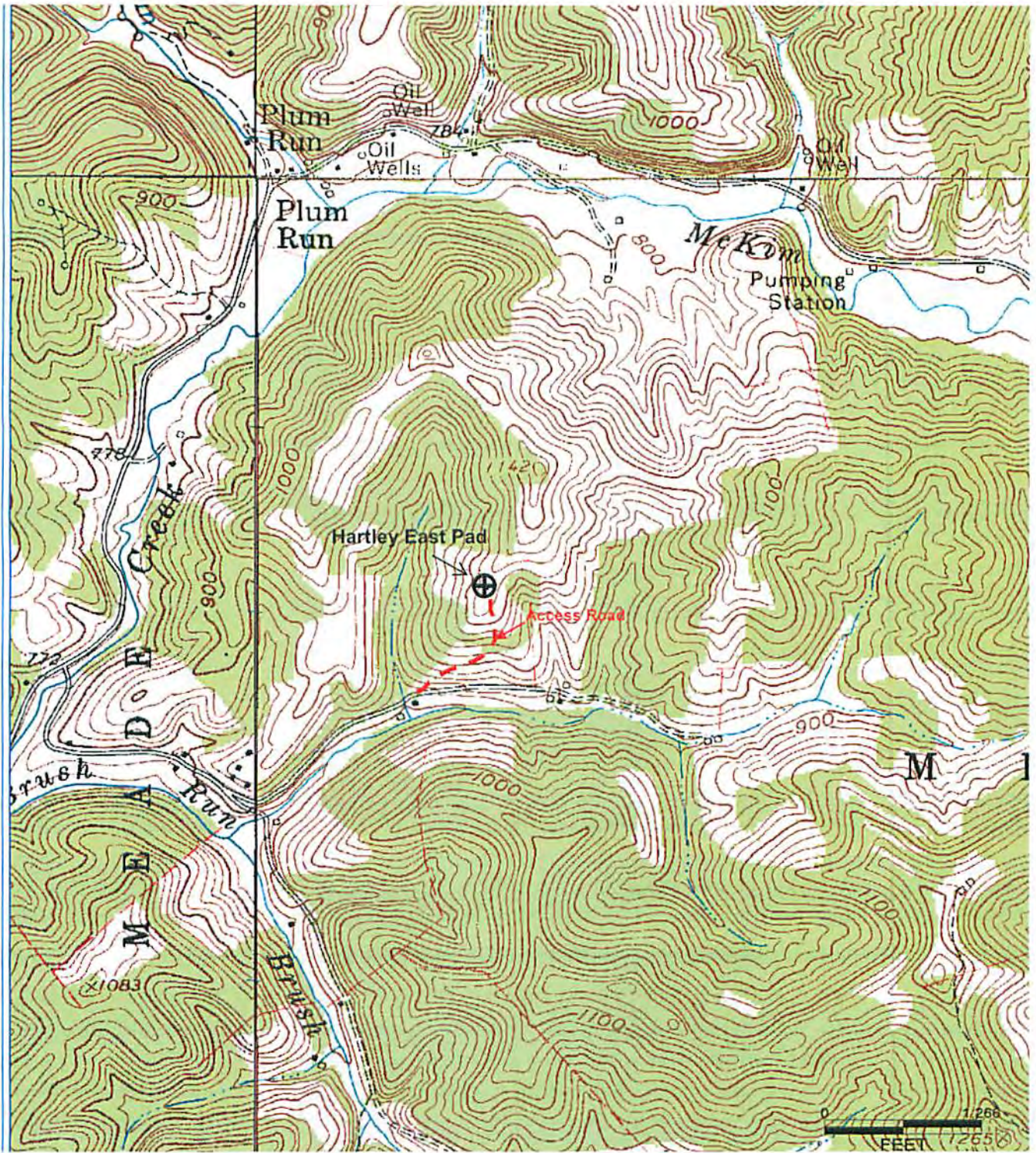
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

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



WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___ API WELL # 47 - 095 - 02247
 (IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION ORIGINAL 1,031' - PROPOSED 1,021' WATERSHED OUTLET MIDDLE ISLAND CREEK STATE COUNTY PERMIT
 QUADRANGLE PENNSBORO 7.5 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; JOHN W. KERNS HEIRS TRUST; NORMA T. LONG; DAVID M. HARTLEY ET AL; LEASE ACREAGE 28 AC+; 24.0125 AC+; 40 AC+; 108 AC+; 8.75 AC+; 9.08 AC+; CHRISTINE E. YOST; DAVID M. HARTLEY ET AL; BRUCE SHANHOLTZER; CHRISTINE E. YOST; BRUCE SHANHOLTZER; BRUCE SHANHOLTZER; BRUCE SHANHOLTZER; BRUCE SHANHOLTZER; CHRISTINE E. YOST; W.F. FARLEY 52.125 AC+; 100 AC+; 8 AC+; 8 AC+; 17 AC+; 7 AC+; 7 AC+; 192 AC+
 PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ___
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,500' TVD 16,500' MD CLEAN OUT & REPLUG
 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

05/29/2015



Antero Resources Corporation

Appalachian Basin

Plum Run Unit 2H

Tyler County

Quadrangle: Ellenboro & Pennsboro

Watershed: Middle Island Creek

District: Meade

Date: 7-26-2013

Received
Office of Oil & Gas
MAR 27 2013