

LATITUDE 39°22'30"

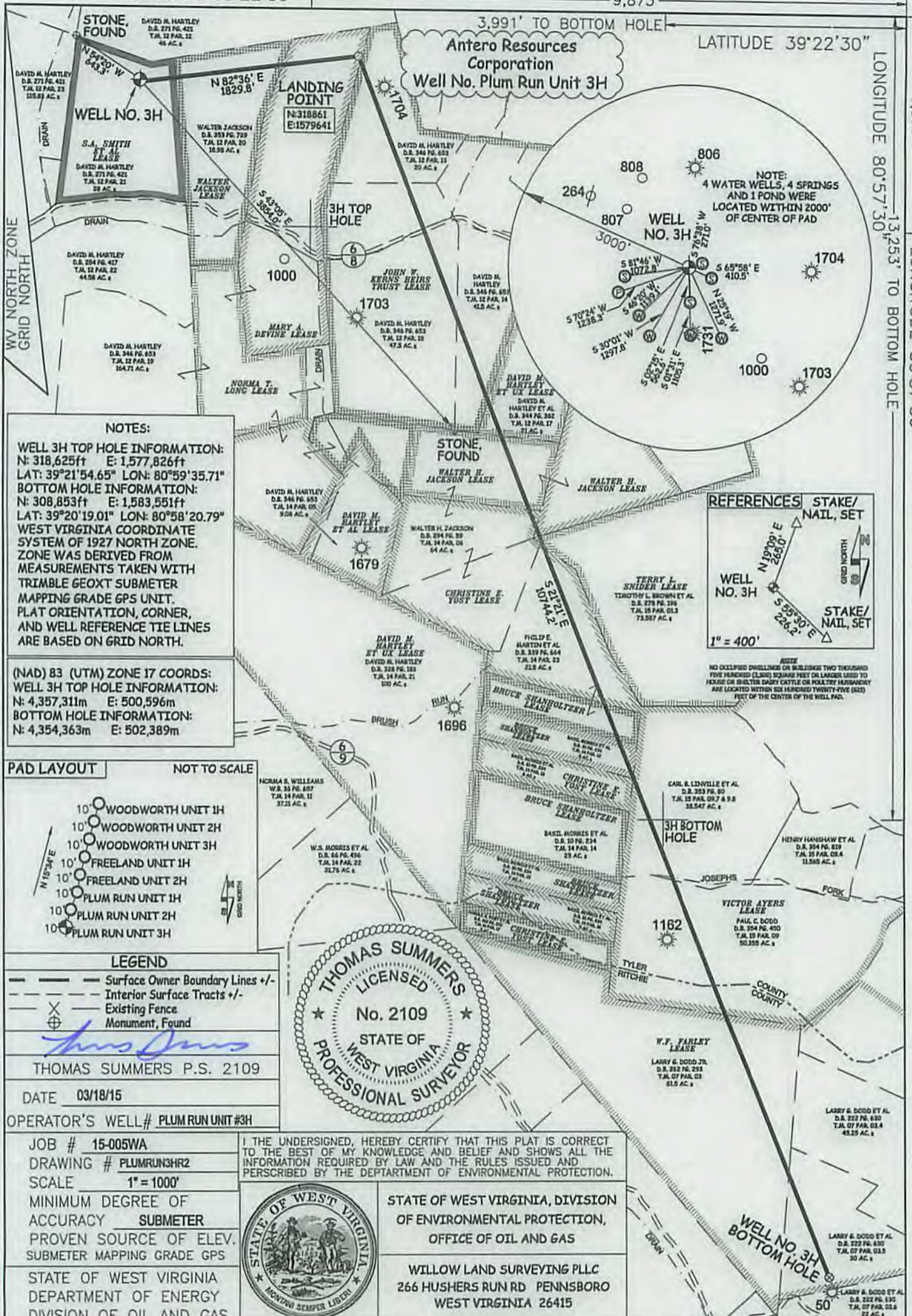
9,873'

LATITUDE 39°22'30"

LONGITUDE 80°57'30"

3,577'

LONGITUDE 80°57'30"



NOTES:

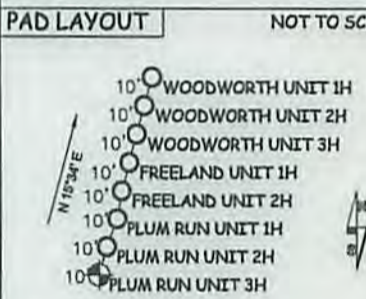
WELL 3H TOP HOLE INFORMATION:
 N: 318,625ft E: 1,577,826ft
 LAT: 39°21'54.65" LON: 80°59'35.71"

BOTTOM HOLE INFORMATION:
 N: 308,853ft E: 1,583,551ft
 LAT: 39°20'19.01" LON: 80°58'20.79"

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: 4,357,311m E: 500,596m

BOTTOM HOLE INFORMATION:
 N: 4,354,363m E: 502,389m



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 #3H

JOB # 15-005WA
 DRAWING # PLUMRUN3HR2
 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

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

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL API WELL # 47 - 095 - 02248

(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

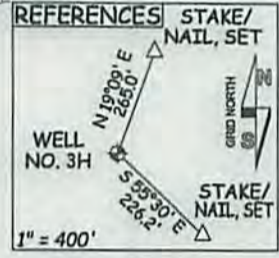
SURFACE OWNER DAVID M. HARTLEY ACREAGE 28 ACRES +/-

OIL & GAS ROYALTY OWNER S.A. SMITH ET AL; WALTER JACKSON; MARY A. DEVINE; JOHN W. KERNS HEIRS TRUST; LEASE ACREAGE 28 AC+; 24.0125 AC+; 40 AC+; 109 AC+; DAVID M. HARTLEY ET AL; WALTER H. JACKSON; CHRISTINE E. YOST; WALTER H. JACKSON; TERRY L. SNIDER; BRUCE SHANHOLTZER; BRUCE SHANHOLTZER; VICTOR AYERS; W.F. FARLEY 21 AC+; 14.5 AC+; 52.125 AC+; 19.38 AC+; 221.24 AC+; 8 AC+; 8 AC+; 167.5 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) PLUG & ABANDON CLEAN OUT & REPLUG

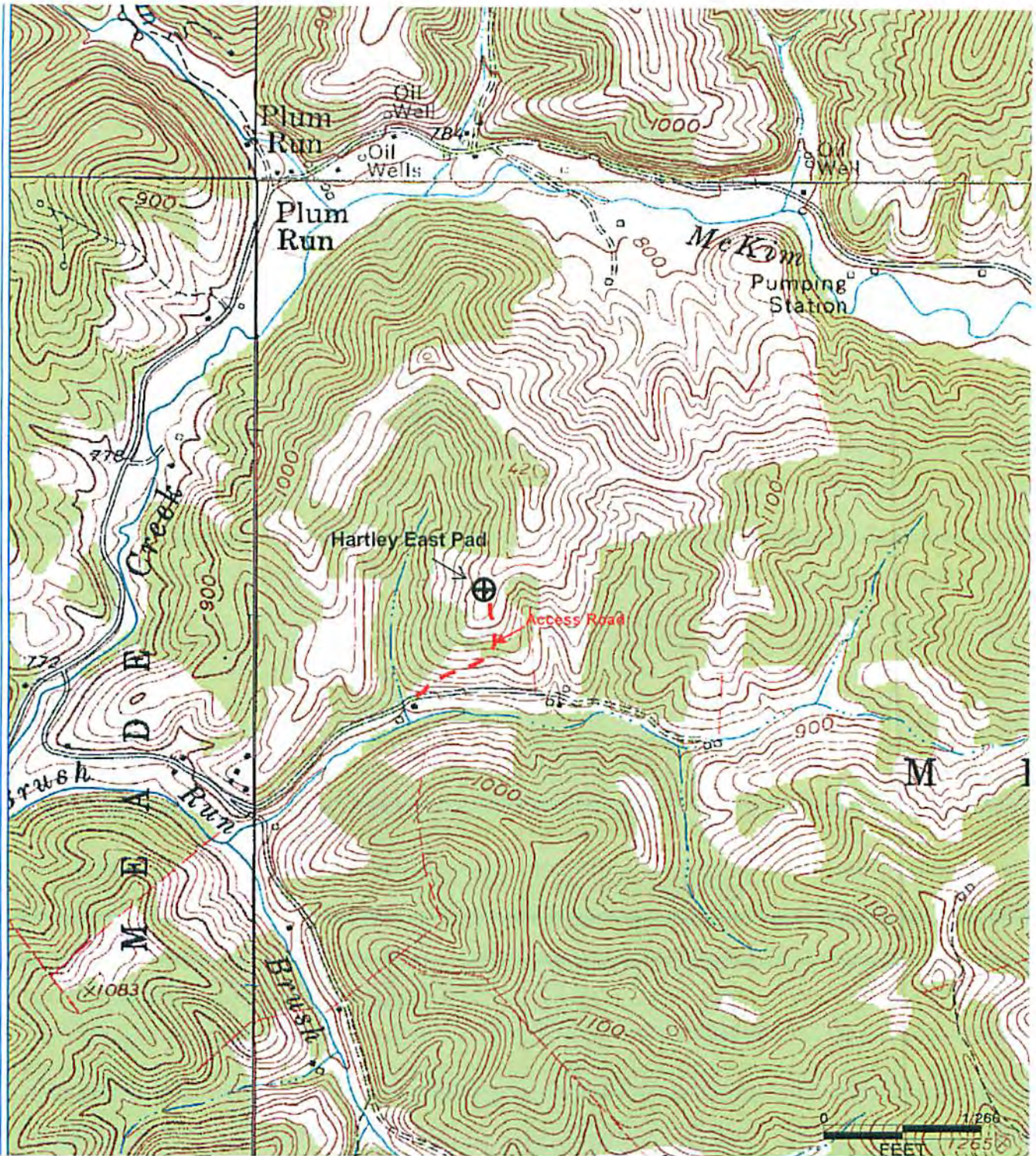
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,500' TVD 18,000' MD

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



NOTE: NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2500) SQUARE FEET OR LARGER USED TO HOUSE OR SHUTTER DAIRY CATTLE OR POULTRY IN ANY MANNER ARE LOCATED WITHIN ONE HUNDRED TWENTY-FIVE (125) FEET OF THE CENTER OF THE WELL PAD.

05/29/2015



Received
Office of Oil & Gas
MAR 27 2015

Antero Resources Corporation

Appalachian Basin
Plum Run Unit 3H
Tyler County

Quadrangle: Ellenboro & Pennsboro
Watershed: Middle Island Creek
District: Meade
Date: 7-26-2013