

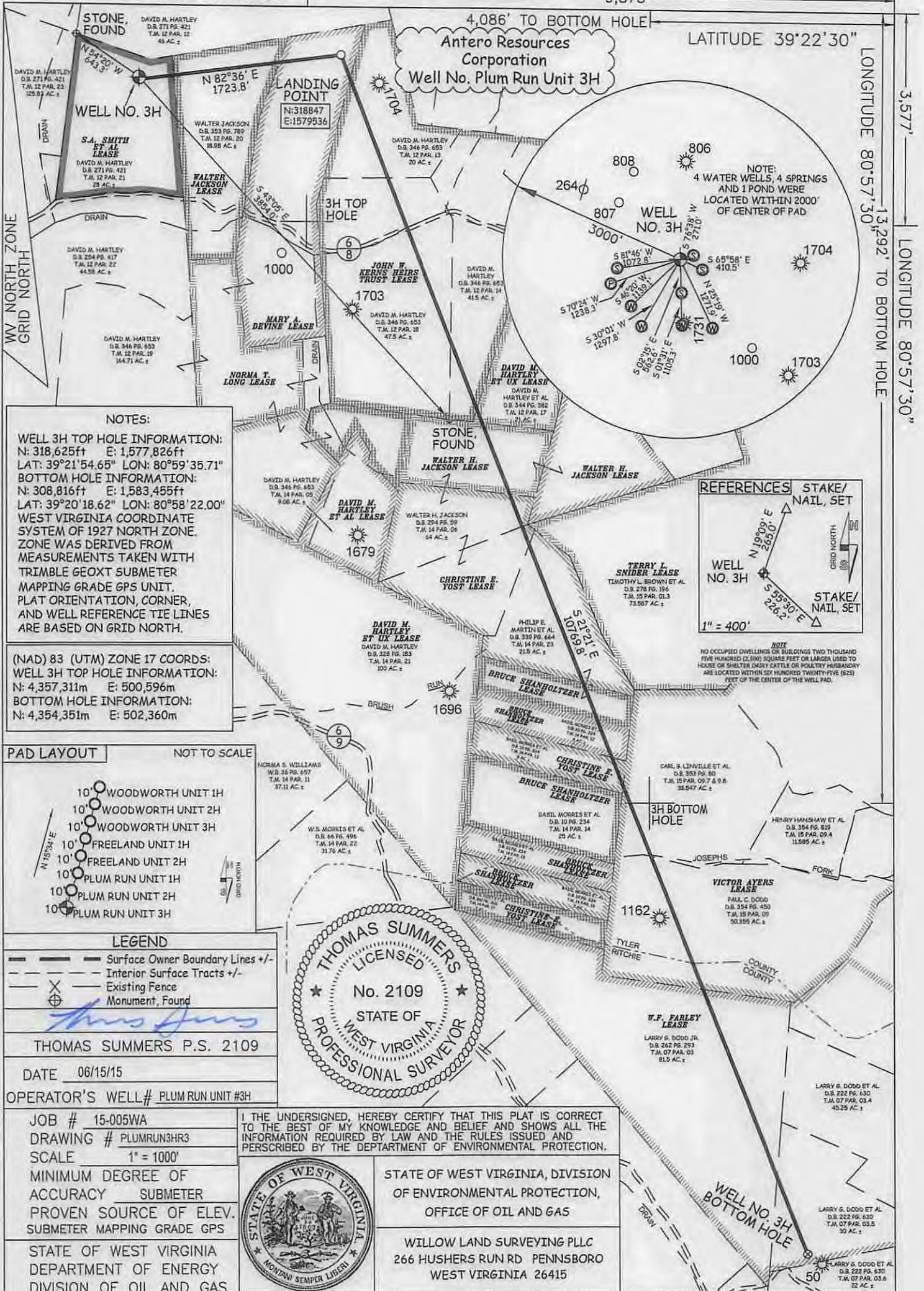
LATITUDE 39°22'30"

9,873'

LATITUDE 39°22'30"

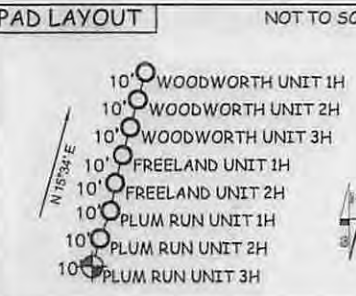
LONGITUDE 80°57'30"

LONGITUDE 80°57'30"



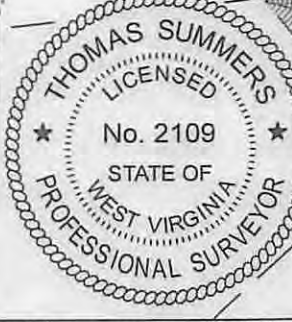
**NOTES:**  
 WELL 3H TOP HOLE INFORMATION:  
 N: 318,625ft E: 1,577,826ft  
 LAT: 39°21'54.65" LON: 80°59'35.71"  
 BOTTOM HOLE INFORMATION:  
 N: 308,816ft E: 1,583,455ft  
 LAT: 39°20'18.62" LON: 80°58'22.00"  
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS 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: 4,354,351m E: 502,360m



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

THOMAS SUMMERS P.S. 2109  
 DATE 06/15/15



OPERATOR'S WELL# PLUM RUN UNIT #3H  
 JOB # 15-005WA  
 DRAWING # PLUMRUN3HR3  
 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.



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

MINIMUM DEGREE OF ACCURACY SUBMETER  
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS  
 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 MOD  
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION ORIGINAL 1,031' - PROPOSED 1,021' WATERSHED OUTLET MIDDLE ISLAND CREEK STATE COUNTY TYLER PERMIT COUNTY NAME  
 QUADRANGLE PENNSBORO 7.5' DISTRICT MEADE COUNTY TYLER 08/21/2015  
 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; BRUCE SHANKHOLTZER; BRUCE SHANKHOLTZER; CHRISTINE E. YOST; VICTOR AYERS; W.F. FARLEY 21 AC+; 14.5 AC+; 52.125 AC+; 8 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) Permit Modification - BTL 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