

LATITUDE 39°22'30"

10,055'

LATITUDE 39°25'00"

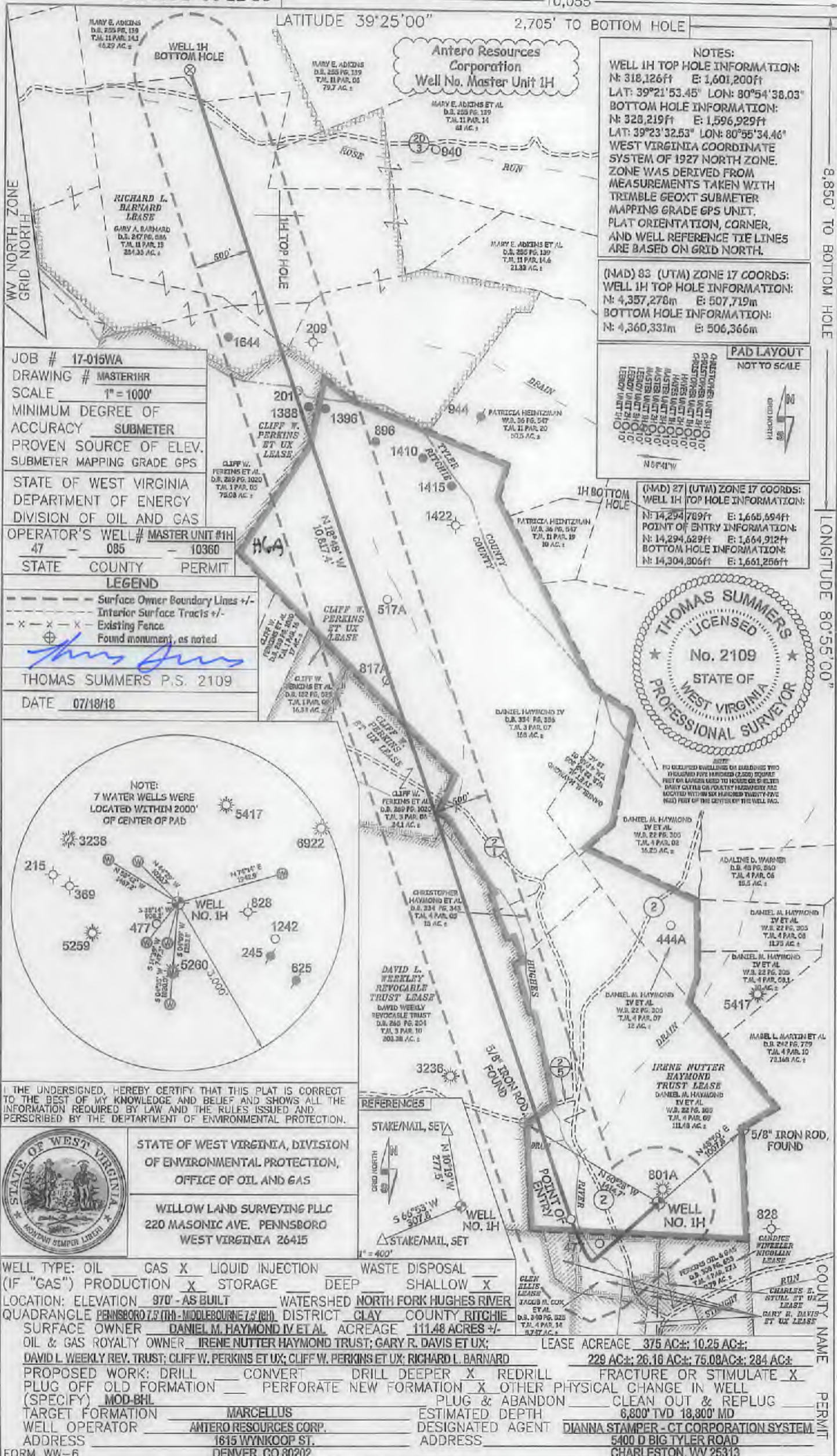
2,705' TO BOTTOM HOLE

3,698'

8,850' TO BOTTOM HOLE

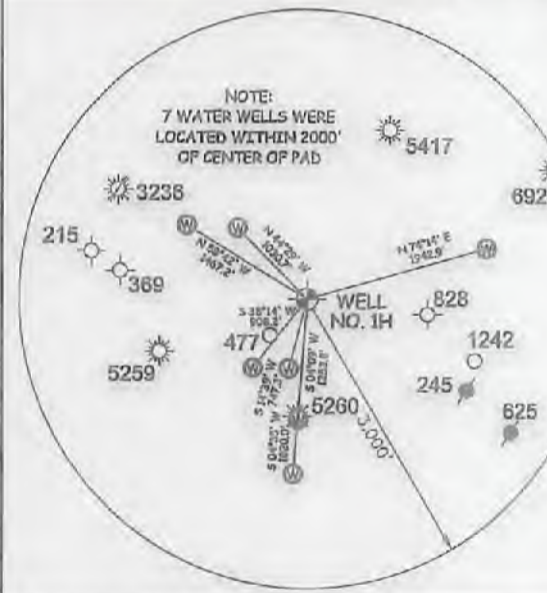
LONGITUDE 80°52'30"

LONGITUDE 80°55'00"



JOB # 17-015WA  
 DRAWING # MASTER1HR  
 SCALE 1" = 1000'  
 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  
 OPERATOR'S WELL # MASTER UNIT #1H  
 47 - 085 - 10360  
 STATE COUNTY PERMIT

LEGEND  
 - - - Surface Owner Boundary Lines +/-  
 - - - Interior Surface Tracts +/-  
 - x - x - Existing Fence  
 ⊕ Found monument, as noted  
 THOMAS SUMMERS P.S. 2109  
 DATE 07/18/18



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.



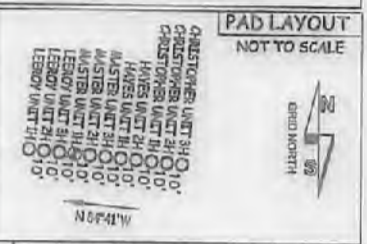
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
 WILLOW LAND SURVEYING PLLC  
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415



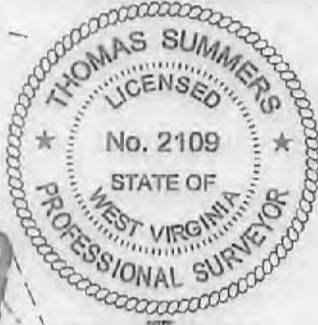
WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 970' - AS BUILT WATERSHED NORTH FORK HUGHES RIVER  
 QUADRANGLE PENNSBORO 7.5 (TH - MIDDLEBORNE 7.5 (RH) DISTRICT CLAY COUNTY RITCHIE  
 SURFACE OWNER DANIEL M. HAYMOND IV ET AL ACREAGE 111.48 ACRES +/-  
 OIL & GAS ROYALTY OWNER IRENE NUTTER HAYMOND TRUST; GARY R. DAVIS ET UX; LEASE ACREAGE 375 AC±; 10.25 AC±;  
 DAVID L. WEEKLY REV. TRUST; CLIFF W. PERKINS ET UX; CLIFF W. PERKINS ET UX; RICHARD L. BARNARD 229 AC±; 26.16 AC±; 75.08 AC±; 284 AC±  
 PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
 PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL  
 (SPECIFY) MOD-BHL PLUG & ABANDON  CLEAN OUT & REPLUG   
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,800' TVD 18,900' MD  
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM  
 ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD  
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

NOTES:  
 WELL 1H TOP HOLE INFORMATION:  
 N: 318,126ft E: 1,601,200ft  
 LAT: 39°21'53.45" LON: 80°54'58.03"  
 BOTTOM HOLE INFORMATION:  
 N: 328,219ft E: 1,596,929ft  
 LAT: 39°23'32.53" LON: 80°55'34.46"  
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TREMBLE 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: 4,357,270m E: 507,719m  
 BOTTOM HOLE INFORMATION:  
 N: 4,360,331m E: 506,366m



(NAD) 27 (UTM) ZONE 17 COORDS:  
 WELL 1H TOP HOLE INFORMATION:  
 N: 14,294,789ft E: 1,665,594ft  
 POINT OF ENTRY INFORMATION:  
 N: 14,294,629ft E: 1,664,912ft  
 BOTTOM HOLE INFORMATION:  
 N: 14,304,806ft E: 1,661,256ft



NO OCCUPIED DWELLINGS OR BUILDINGS TWO (2) HUNDRED FIVE HUNDRED (200) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER ANY CATTLE OR HORSE OR OTHER ANIMAL LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.

COUNTY NAME PERMIT