

LATITUDE 39°27'30"

5,924'

LATITUDE 39°25'00"

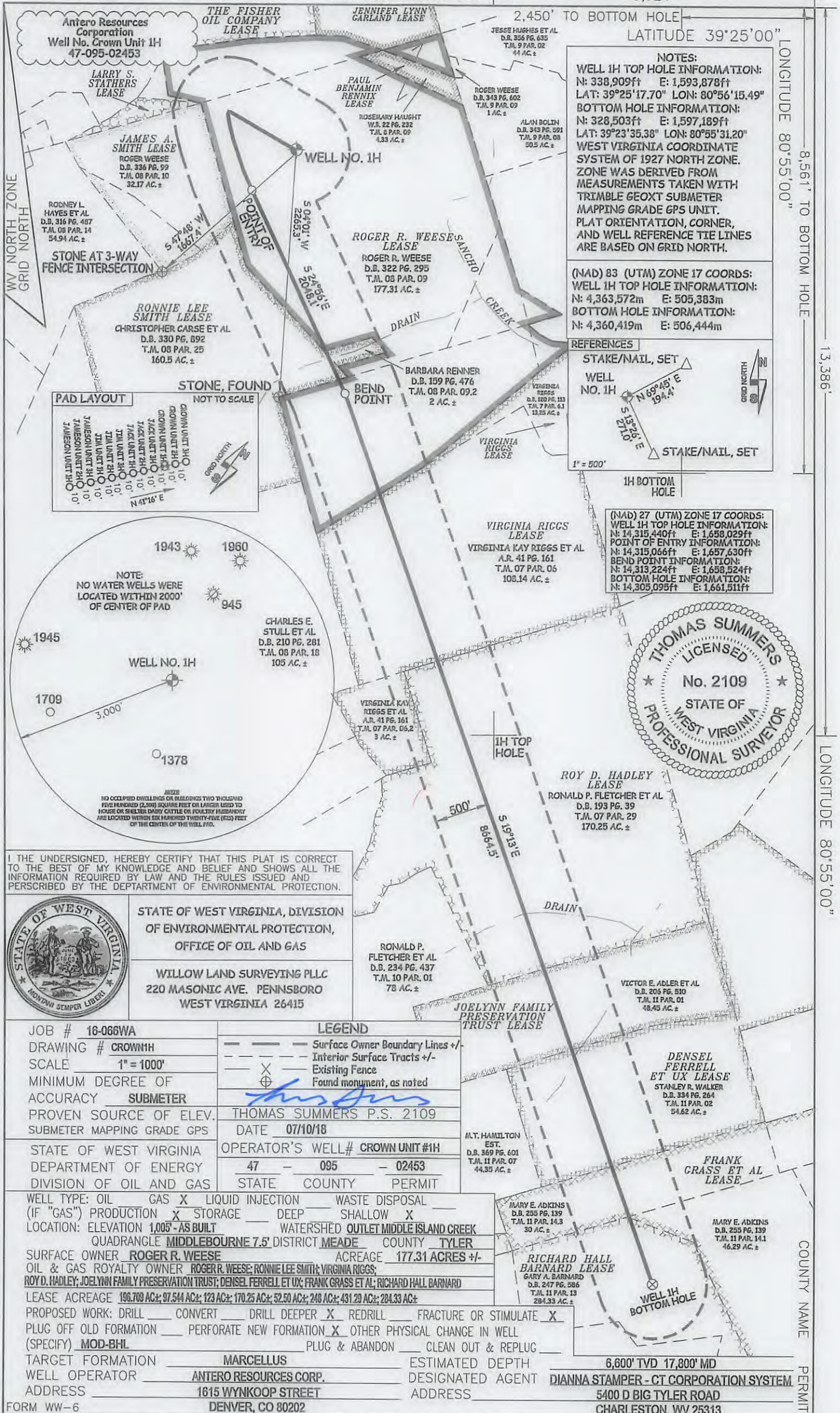
LONGITUDE 80°55'00"

8,561' TO BOTTOM HOLE

LONGITUDE 80°55'00"

COUNTY NAME

PERMIT



NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 338,909ft E: 1,593,878ft
 LAT: 39°25'17.70" LON: 80°56'15.49"
 BOTTOM HOLE INFORMATION:
 N: 328,503ft E: 1,597,189ft
 LAT: 39°23'35.38" LON: 80°55'31.20"
 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.

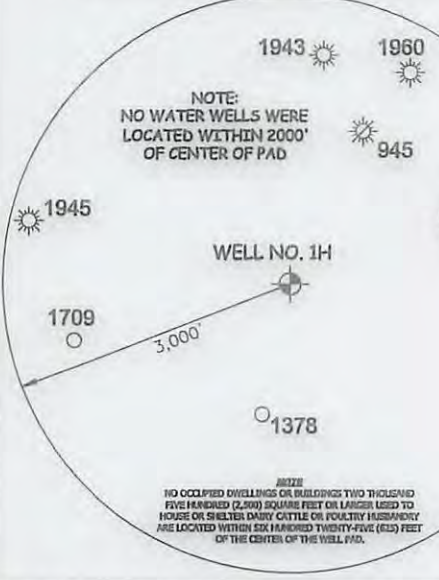
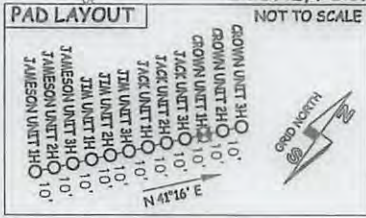
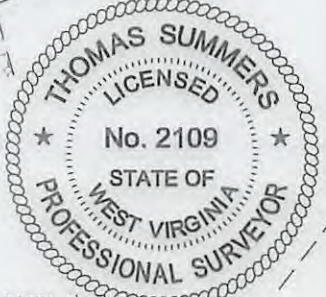
(NAD) 83 (UTM) ZONE 17 COORDS:
 WELL 1H TOP HOLE INFORMATION:
 N: 4,363,572m E: 505,383m
 BOTTOM HOLE INFORMATION:
 N: 4,360,419m E: 506,444m

REFERENCES



1H BOTTOM HOLE

(NAD) 27 (UTM) ZONE 17 COORDS:
 WELL 1H TOP HOLE INFORMATION:
 N: 14,315,440ft E: 1,658,029ft
 POINT OF ENTRY INFORMATION:
 N: 14,315,066ft E: 1,657,630ft
 BEND POINT INFORMATION:
 N: 14,313,224ft E: 1,658,524ft
 BOTTOM HOLE INFORMATION:
 N: 14,305,095ft E: 1,661,511ft



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

JOB # 16-066WA
 DRAWING # CROWN1H
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. THOMAS SUMMERS P.S. 2109
 SUBMETER MAPPING GRADE GPS

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

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

OPERATOR'S WELL# CROWN UNIT #1H
 47 - 095 - 02453
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
 LOCATION: ELEVATION 1,005' AS BUILT WATERSHED OUTLET MIDDLE ISLAND CREEK
 QUADRANGLE MIDDLEBOURNE 7.5' DISTRICT MEADE COUNTY TYLER
 SURFACE OWNER ROGER R. WEESE ACREAGE 177.31 ACRES +/-
 OIL & GAS ROYALTY OWNER ROGER R. WEESE; RONNIE LEE SMITH; VIRGINIA RIGGS;
 ROY D. HADLEY; JOELYNN FAMILY PRESERVATION TRUST; DENSEL FERRELL ET UX; FRANK GRASS ET AL; RICHARD HALL BARNARD

LEASE ACREAGE 196.709 AC±; 97.544 AC±; 123 AC±; 170.25 AC±; 52.50 AC±; 248 AC±; 431.20 AC±; 284.33 AC±
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER X REDRILL FRACTURE OR STIMULATE X
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL
 (SPECIFY) MOD-BHL PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,600' TVD 17,800' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
 DENVER, CO 80202 CHARLESTON, WV 25313