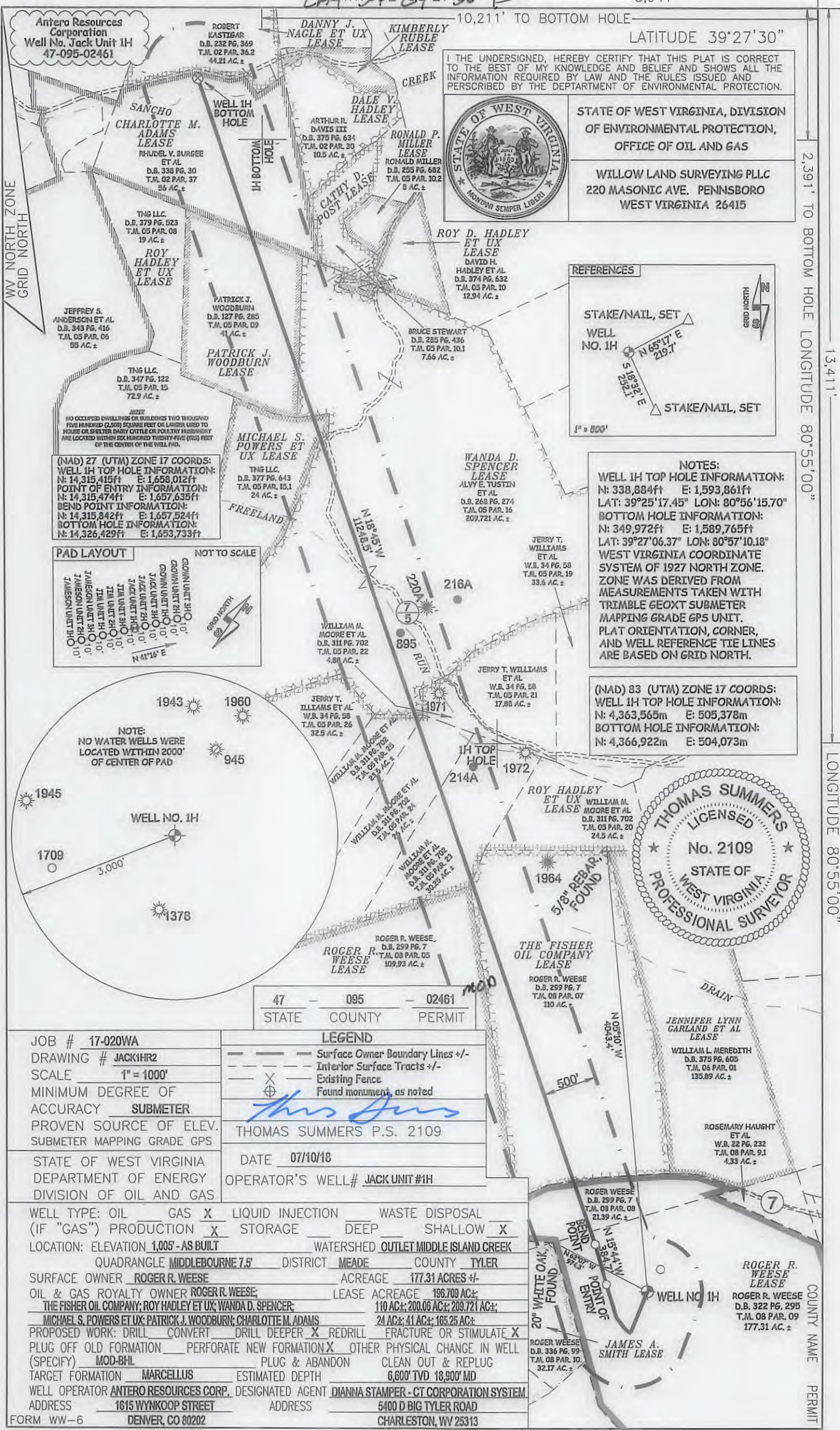


LAT 39° 27' 30"

LATITUDE 39° 27' 30"

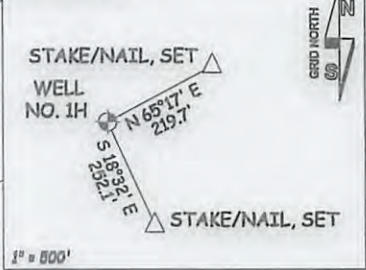


I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



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

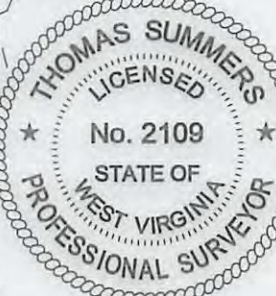
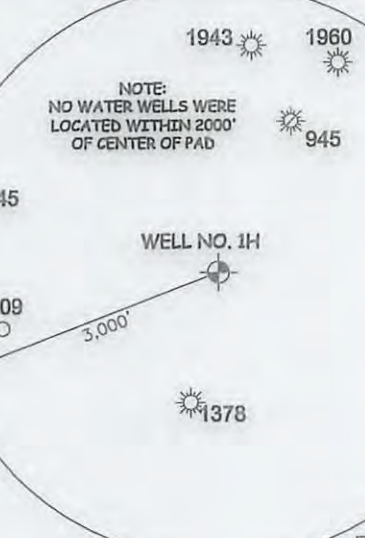
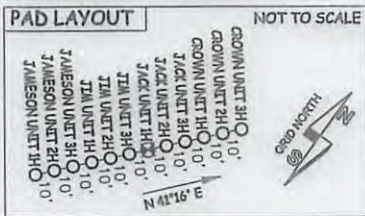
REFERENCES



(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
N: 14,315,415ft E: 1,658,012ft
POINT OF ENTRY INFORMATION:
N: 14,315,474ft E: 1,657,635ft
BEND POINT INFORMATION:
N: 14,315,842ft E: 1,657,524ft
BOTTOM HOLE INFORMATION:
N: 14,326,429ft E: 1,653,733ft

NOTES:
WELL 1H TOP HOLE INFORMATION:
N: 338,884ft E: 1,593,861ft
LAT: 39°25'17.45" LON: 80°56'15.70"
BOTTOM HOLE INFORMATION:
N: 349,972ft E: 1,589,765ft
LAT: 39°27'06.37" LON: 80°57'10.18"
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: 4,363,565m E: 505,378m
BOTTOM HOLE INFORMATION:
N: 4,366,922m E: 504,073m



47 - 095 - 02461
STATE COUNTY PERMIT

JOB # 17-020WA
DRAWING # JACK1HR2
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

LEGEND
--- Surface Owner Boundary Lines +/-
--- Interior Surface Tracts +/-
X Existing Fence
⊕ Found monument, as noted
THOMAS SUMMERS P.S. 2109
DATE 07/10/18
OPERATOR'S WELL# JACK UNIT #1H

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1,005' - AS BUILT WATERSHED OUTLET MIDDLE ISLAND CREEK
QUADRANGLE MIDDLEBOURNE 7.5' DISTRICT MADE COUNTY TYLER
SURFACE OWNER ROGER R. WEESE ACREAGE 177.31 ACRES +/-
OIL & GAS ROYALTY OWNER ROGER R. WEESE; LEASE ACREAGE 196.709 AC +/-
THE FISHER OIL COMPANY; ROY HADLEY ET UX; WANDA D. SPENCER; 110 AC +/-; 209.06 AC +/-; 209.721 AC +/-
MICHAEL S. POWERS ET UX; PATRICK J. WOODBURN; CHARLOTTE M. ADAMS 24 AC +/-; 41 AC +/-; 165.25 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 18,900' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

2,391' TO BOTTOM HOLE LONGITUDE 80°55'00"
1,341'
LONGITUDE 80°55'00"