

LATITUDE 39°27'30"

5,935'

9,771' TO BOTTOM HOLE
LATITUDE 39°27'30"

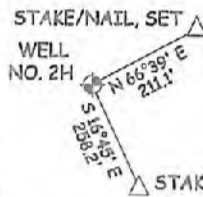


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

WILLOW LAND SURVEYING PLLC
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

ROY D. HADLEY ET UX LEASE
DAVID H. HADLEY ET AL
D.B. 374 PG. 632
T.M. 03 PAR. 10
12.94 AC. ±

REFERENCES



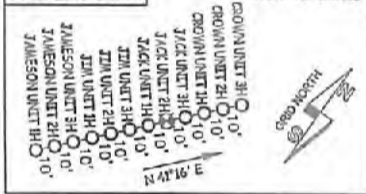
1" = 500'

NOTES:
WELL 2H TOP HOLE INFORMATION:
N: 338,892ft E: 1,593,867ft
LAT: 39°25'17.53" LON: 80°56'15.63"
BOTTOM HOLE INFORMATION:
N: 350,028ft E: 1,590,206ft
LAT: 39°27'07.01" LON: 80°57'04.56"
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 2H TOP HOLE INFORMATION:
N: 4,363,567m E: 505,379m
BOTTOM HOLE INFORMATION:
N: 4,366,941m E: 504,207m

(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 2H TOP HOLE INFORMATION:
N: 14,315,423ft E: 1,658,018ft
POINT OF ENTRY INFORMATION:
N: 14,315,620ft E: 1,658,128ft
BOTTOM HOLE INFORMATION:
N: 14,326,493ft E: 1,654,173ft

PAD LAYOUT



NOTE:
NO WATER WELLS WERE LOCATED WITHIN 2000' OF CENTER OF PAD

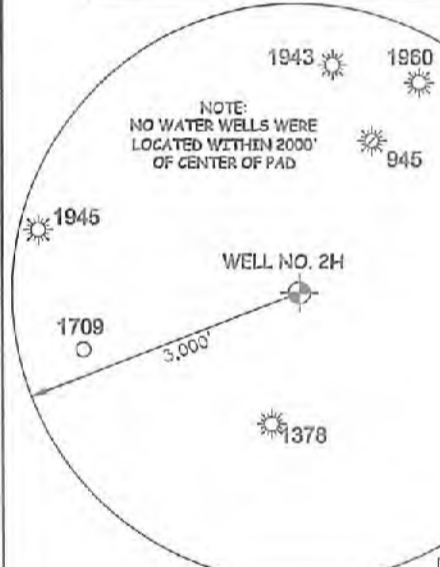


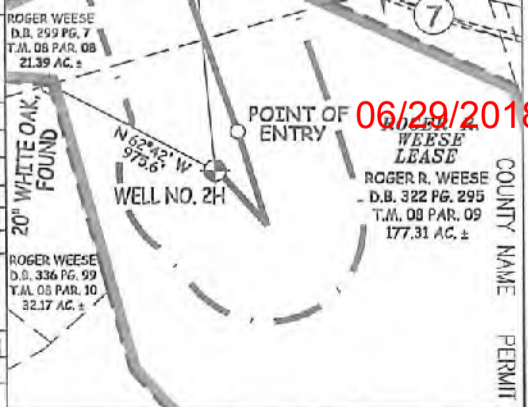
Table with columns: STATE (47), COUNTY (095), PERMIT (02462)

JOB # 17-020WA
DRAWING # JAC12HR2
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 05/01/18
OPERATOR'S WELL # JACK UNIT #2H

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; THE FISHER LEASE ACREAGE 198.709 AC; 110 AC; ±
OIL COMPANY; ROY HADLEY ET UX; WANDA D. SPENCER; 200.08 AC; 209.721 AC; ±
CHARLOTTE M. ADAMS; DANNY J. NAGLE ET UX 165.25 AC; 81.74 AC; ±
PROPOSED WORK: DRILL CONVERT DRILL DEEPER X 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 6,600' 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



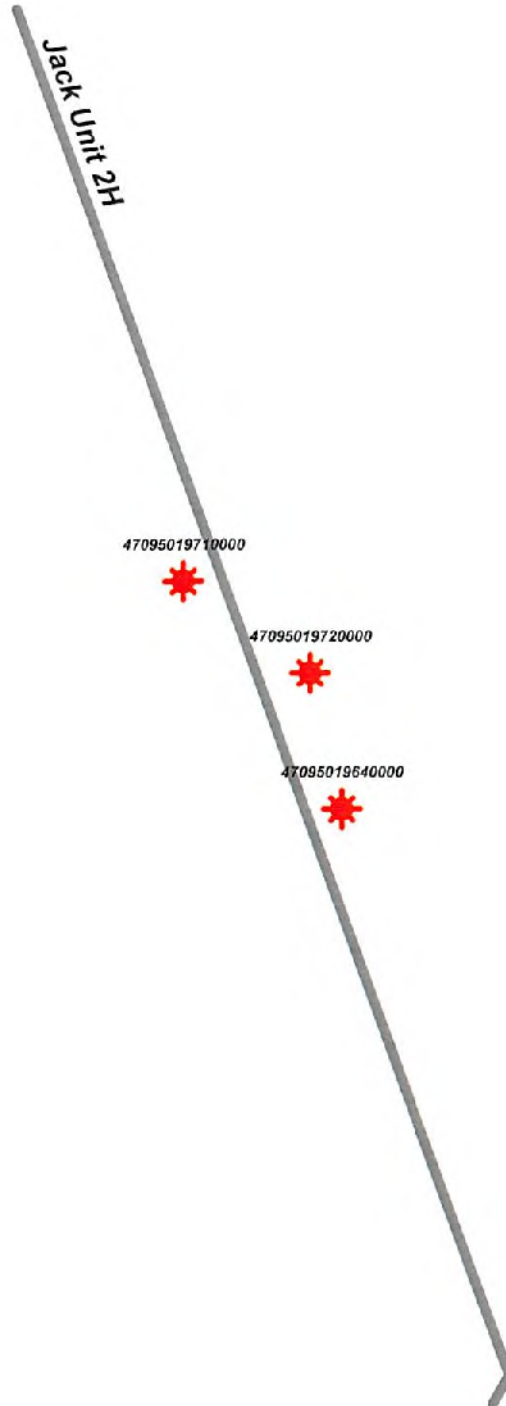
2,327' TO BOTTOM HOLE LONGITUDE 80°55'00"

13,403'

LONGITUDE 80°55'00"


COUNTY NAME PERMIT

06/29/2018



Jack Unit 2H - AOR



 WELL SYMBOLS
Gas Well

June 26, 2017

RECEIVED
Office of Oil and Gas
MAY 04 2018
WV Department of
Environmental Protection

06/29/2018