

(BOTTOM HOLE: LON:-80°30'30.1") LON:-80°30'30.2" 2370

1 - Well ties and Latitude and Longitude were measured by Topcon HiPer GA survey grade GPS. Bearings are referenced to UTM Grid North (Zone 17 North - NAD 1983).
 2 - Surface owners, adjoining information, Lease names, & line mapping obtained from HGE GIS system.
 3 - No Title Opinion was provided to the Surveyor during this survey. This survey is subject to a complete title Opinion.

UTM Coordinates (Zone 17N-NAD 1983)	
Surface	N-4,347,675m. E-542,419m.
Bottom Hole	N-4,347,474m. E-542,423m.

LOCATION REFERENCES
 NAD 1983
 EAST 10.0° EX: WELL 1731
 S 18°01' W 170.9' 15' HICKORY

LAT: 39°17'30"
MAP OF
H.G. ENERGY, LLC
-WATERFLOOD UNIT-
W.B. CARPENTER 140



JOB # 13-014
 DRAWING # 13LAKEFLOYD FOLDER
 SCALE 1" = 1500'
 MINIMUM DEGREE OF ACCURACY 1/2500
 PROVEN SOURCE OF ELEV. BENCH MARK H-80

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 REGULATIONS ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
MOODY LAND SURVEYING, LLC
 ST. MARYS, WV 26170

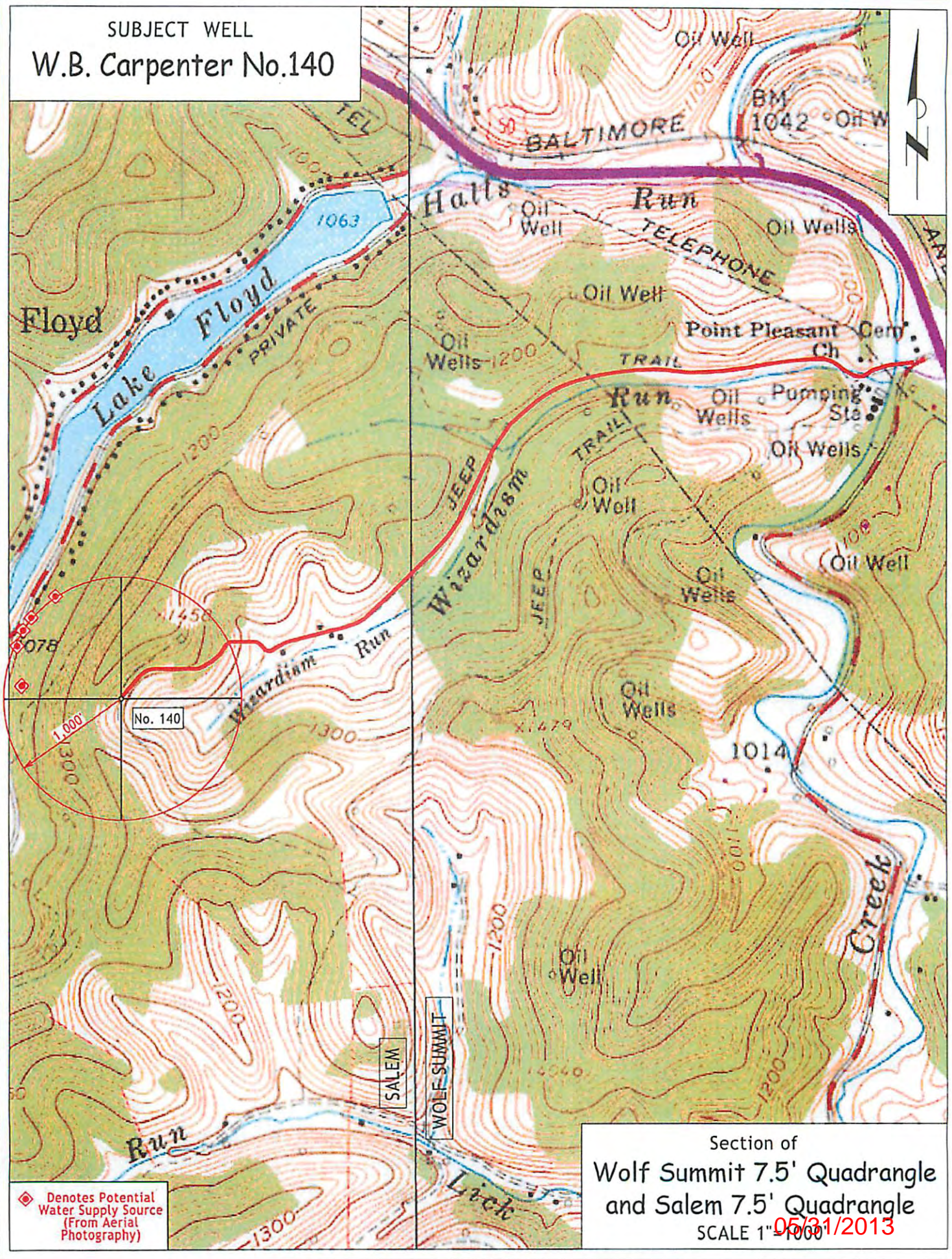


JOSHUA E. MOODY, P.S. 2020
 DATE 4/08/13
 OPERATOR'S WELL W.B. CARPENTER #140

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL HORIZONTAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1307' WATERSHED WIZARDISM RUN API WELL # 47-033-05747S
 DISTRICT TEN MILE COUNTY HARRISON STATE COUNTY PERMIT
 QUADRANGLE SALEM 7.5'
 SURFACE OWNER EARL & BELVA JUNKINS ACREAGE 152.14 ACRES +/-
 OIL & GAS ROYALTY OWNER CHARLES A. SADLER ET AL LEASE ACREAGE 154 ACRES +/-
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR
 STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION
 OTHER PHYSICAL CHANGE IN WELL (SPECIFY) WILL BE DRILLED DIRECTIONALLY (S 01° E 660')
 PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION 5TH SAND ESTIMATED DEPTH MD= 3,325'
 WELL OPERATOR H.G. ENERGY, LLC DESIGNATED AGENT MIKE KIRSCH
 ADDRESS 5260 DuPONT ROAD ADDRESS 5260 DuPONT ROAD
 PARKERSBURG, WV 26101 PARKERSBURG, WV 26101

SUBJECT WELL
W.B. Carpenter No.140



◆ Denotes Potential Water Supply Source (From Aerial Photography)

Section of
Wolf Summit 7.5' Quadrangle
and Salem 7.5' Quadrangle
SCALE 1" = 1000'

05/31/2013