

(BOTTOM HOLE: LON:-80°30'18.2")

LON:-80°30'20.3"

1600

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, adjacent's 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.

SURVEY NOTES

UTM Coordinates (Zone 17N-NAD 1983)	
Surface	N-4,347,640m. E-542,655m.
Bottom Hole	N-4,347,593m. E-542,706m.

LOCATION REFERENCES	
NAD 1983	
N 10°31' W 34.7'	EX: WELL 1731
N 28°58' W 131.5'	10' POPLAR

LAT: 39°17'30"

**MAP OF
H.G. ENERGY, LLC
-WATERFLOOD UNIT-
W.B. CARPENTER 134**

LON: 80°30'00"



5350'

LAT:39°16'37.1"

(BOTTOM HOLE: LAT:39°16'35.6")

↑ DENOTES LOCATION OF WELL ON U.S. TOPO MAPS.

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

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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
LICENSED
NO. 2020
STATE OF WEST VIRGINIA
PROFESSIONAL SURVEYOR

Joshua E. Moody
JOSHUA E. MOODY, P.S. 2020

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

DATE 4/08/13
OPERATOR'S WELL W.B. CARPENTER #134

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL HORIZONTAL

(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1160' WATERSHED WIZARDISM RUN API WELL # 47-033-05750
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 47° E 225')

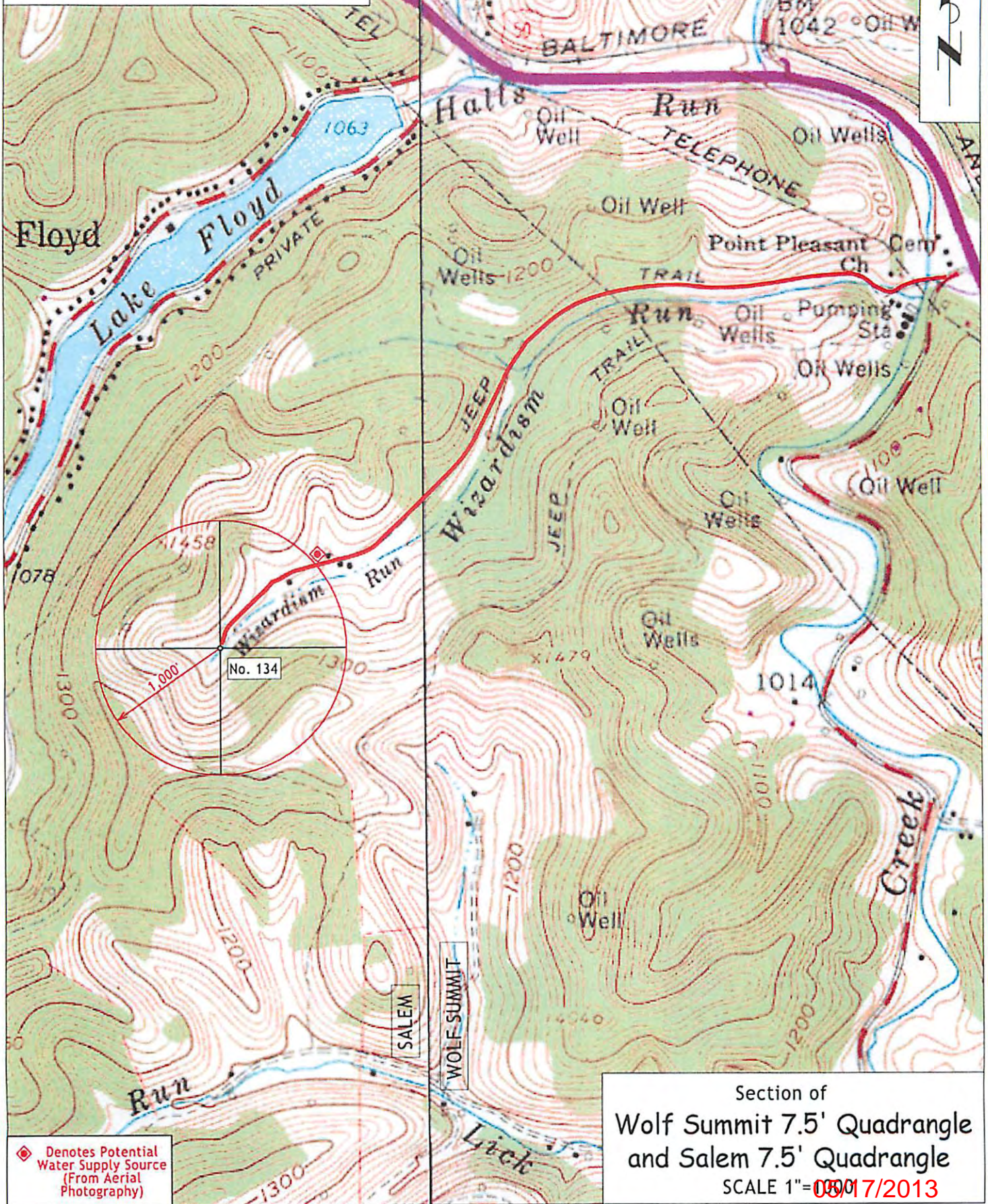
PLUG & ABANDON CLEAN OUT & REPLUG

TARGET FORMATION 5TH SAND ESTIMATED DEPTH MD= 3,025'
WELL OPERATOR H.G. ENERGY, LLC DESIGNATED AGENT MIKE KIRSCH
ADDRESS 5260 DuPONT ROAD ADDRESS 5260 DuPONT ROAD
PARKERSBURG, WV 26101 PARKERSBURG, WV 26101

COUNTY NAME

PERMIT

SUBJECT WELL
W.B. Carpenter No.134



Section of
Wolf Summit 7.5' Quadrangle
and Salem 7.5' Quadrangle
SCALE 1"=1000'
7/2013