

(BOT. HL: LON:-80°29'50.2")

LON:-80°29'44.1"

10545

LAT: 39°17'30"

LON: 80°27'30"

7870

LAT: 39°16'12.2"

(BOTTOM HOLE: LAT: 39°16'07.3")

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, adjoiners information, Lease names, & line mapping obtained from HGE GIS system. No survey was performed to determine lines within the Waterflood Unit-reference: 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-4,346,878m. E-543,529m.
Bottom Hole	N-4,346,725m. E-543,381m.

LOCATION REFERENCES	
UTM 27	S 88°56' E 15.3' EX: WELL N 5°09' W 130.0' 18" HICKORY Brg. Direction is prop. well to the ref.

**MAP OF
H.G. ENERGY, LLC
-WATERFLOOD UNIT-
T.J. CHAPLAIN 138**



✕ 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 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



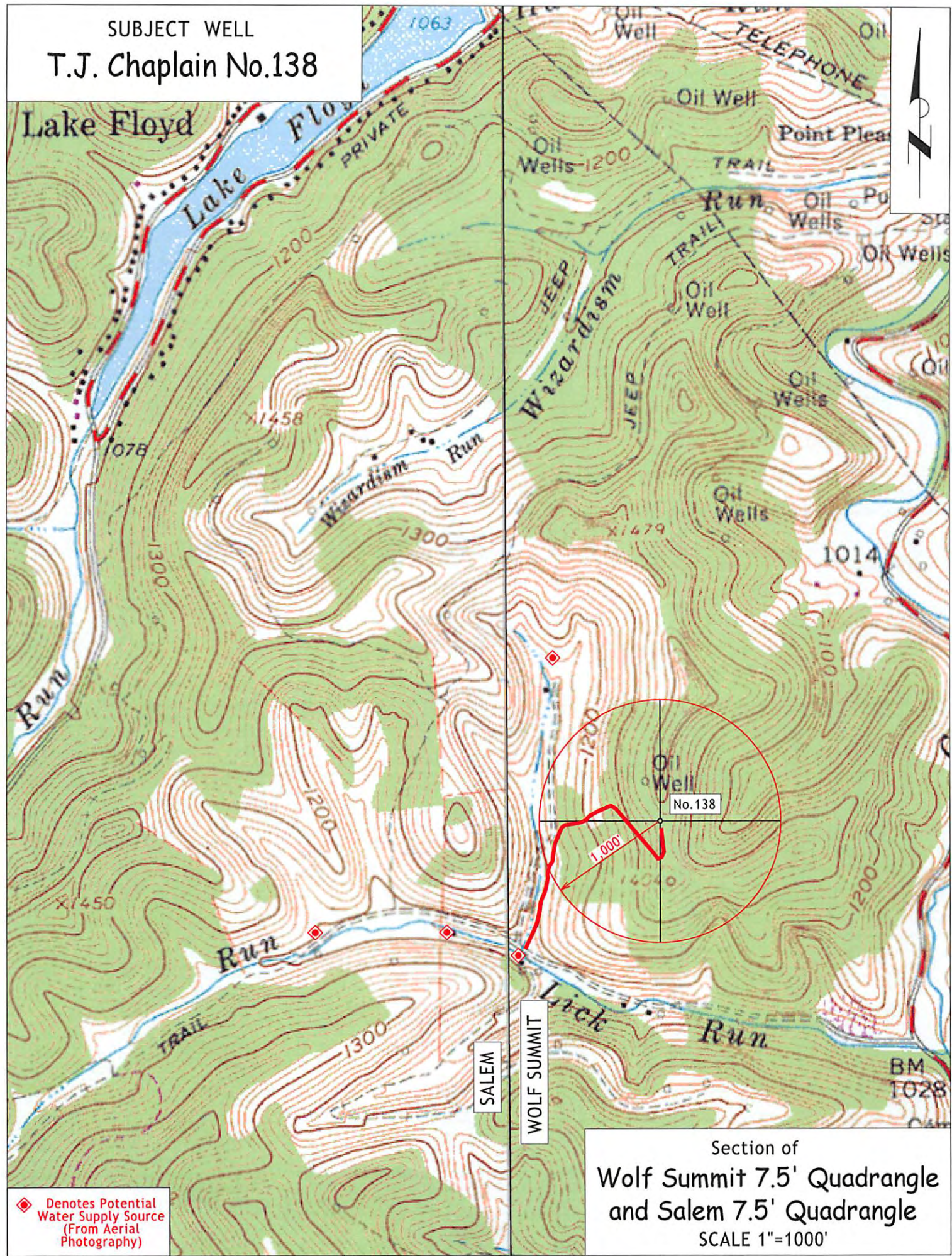
JOSHUA E. MOODY, P.S. 2020
DATE 4/19/13
OPERATOR'S WELL
T.J. CHAPLAIN # 138

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 API WELL # 47-033-057555
LOCATION: ELEVATION 1362' WATERSHED BRANCH OF LICK RUN DISTRICT TEN MILE COUNTY HARRISON STATE 47 COUNTY 033 PERMIT 057555
QUADRANGLE WOLF SUMMIT 7.5'

SURFACE OWNER ORVILLE MYERS ET AL ACREAGE 115.03 ACRES +/-
OIL & GAS ROYALTY OWNER ORVILLE MYERS JR. ET AL LEASE ACREAGE 131 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 44° W 695')
PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION 5TH SAND ESTIMATED DEPTH MD= 3,230'
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
T.J. Chaplain No.138



◆ Denotes Potential Water Supply Source (From Aerial Photography)

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