

(BOT. HL: LON:-80°29'56.0")

LON:-80°29'52.7"

11220

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 1927).

2 - Surface owners, adjoining 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-4,347,052m.
E-543,322m.

Bottom Hole N-4,347,142m.
E-543,240m.

LOCATION REFERENCES

UTM 27
N 15°45' E 48.2' EX: WELL
N 70°41' W 103.8' 11" MAPLE
Brg. Direction is prop. well to the ref.

LAT: 39°17'30"
**MAP OF
H.G. ENERGY, LLC
-WATERFLOOD UNIT-
W.F. WILLIAMS 234**

LON: 80°27'30"

7295

LAT: 39°16'17.9"

(BOTTOM HOLE: LAT: 39°16'20.9")



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

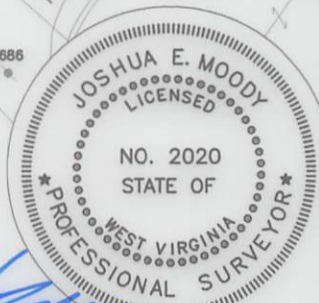
JOB # 13-014
DRAWING # 13LAKEFLOYD FOLDER
SCALE 1" = 1500'
MINIMUM DEGREE OF ACCURACY 1/2500
PROVEN SOURCE OF ELEV. BENCH MARK H-80

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

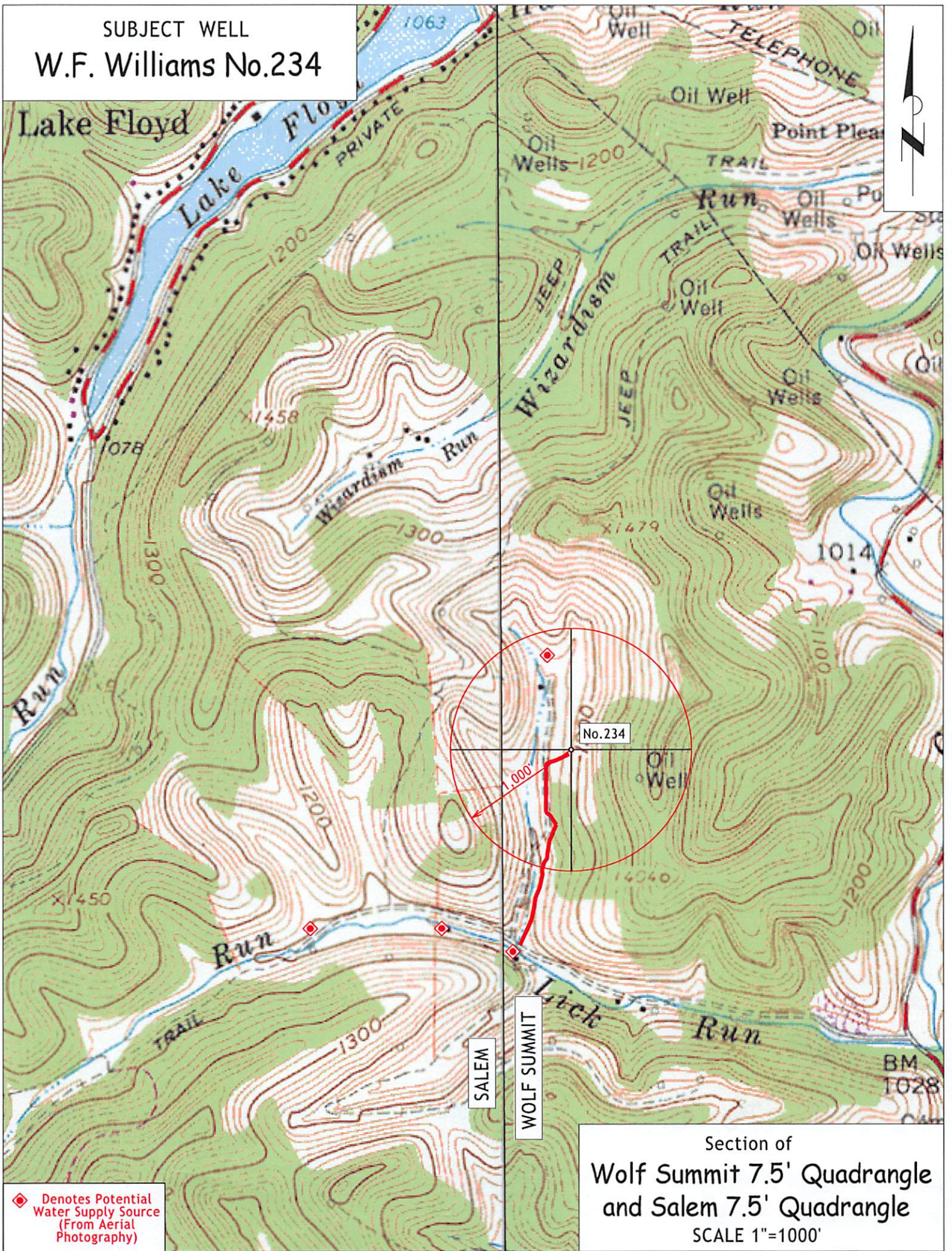
WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

DATE 4/19/13
OPERATOR'S WELL
W.F. WILLIAMS #234

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL HORIZONTAL
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1168' WATERSHED BRANCH OF LICK RUN API WELL # 47-033-05776
DISTRICT TEN MILE COUNTY HARRISON STATE 47 COUNTY 033 PERMIT 05776
QUADRANGLE WOLF SUMMIT 7.5'

SURFACE OWNER BRIAN V. HUFFMAN ACREAGE 102.35 ACRES +/-
OIL & GAS ROYALTY OWNER CLYDE WILLIAMS ET AL LEASE ACREAGE 102 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 (N 42° W 400')
PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION 5TH SAND
WELL OPERATOR H.G. ENERGY, LLC
ADDRESS 5260 DuPONT ROAD
PARKERSBURG, WV 26101
ESTIMATED DEPTH MD= 3,100'
DESIGNATED AGENT MIKE KIRSCH
ADDRESS 5260 DuPONT ROAD
PARKERSBURG, WV 26101

SUBJECT WELL
W.F. Williams No.234



♦ Denotes Potential Water Supply Source (From Aerial Photography)

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