

LON: -80°29'14.0"

8180'

LAT: 39°20'00"

LON: 80°27'30"

13,855'

LAT: 39°17'43.1"

SURVEY NOTES

1 - Well ties and Latitude and Longitude were measured by Topcon Hyper GA survey grade GPS. Bearings are referenced to UTM Grid North (Zone 17 North - NAD 1927).

2 - Surface owners, adjoiners information, Lease names existing wells, & 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.

UTM Coordinates (Zone 17N-NAD 1983)

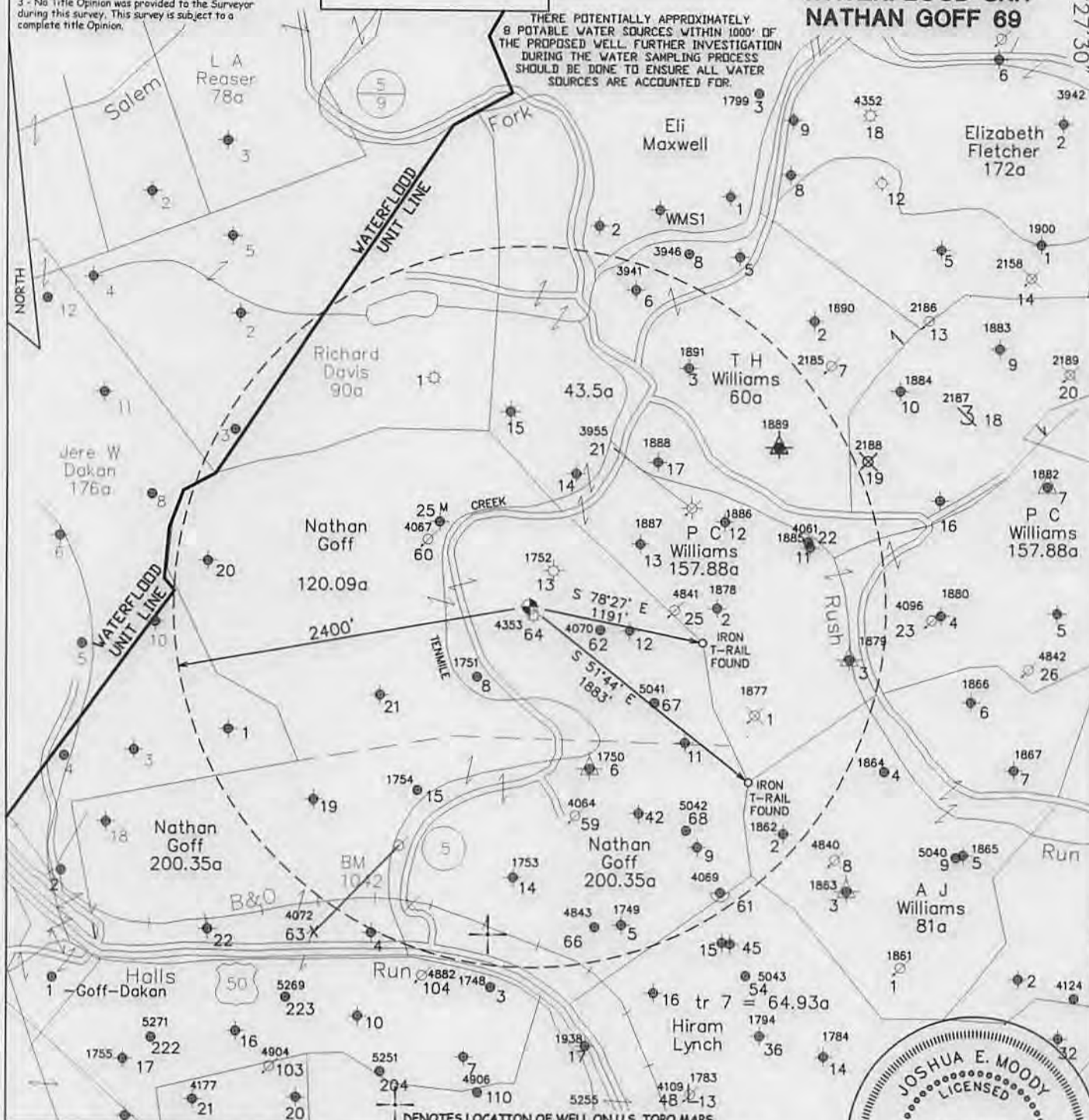
Surface N-4,349,682m.
E-544,232m.

LOCATION REFERENCES

MAGNETIC BEARING
S 20° E 63' EX: WELL 4353
N 50° W 99.7' 14" HICKORY

**MAP OF
H.G. ENERGY, LLC
-WATERFLOOD UNIT-
NATHAN GOFF 69**

THERE POTENTIALLY APPROXIMATELY 8 POTABLE WATER SOURCES WITHIN 1000' OF THE PROPOSED WELL. FURTHER INVESTIGATION DURING THE WATER SAMPLING PROCESS SHOULD BE DONE TO ENSURE ALL WATER SOURCES ARE ACCOUNTED FOR.



JOB # 13-014
DRAWING # 14LAKEFLOYD FOLDER
SCALE 1" = 1000'

MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEV. MAPPING GRADE GPS

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

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



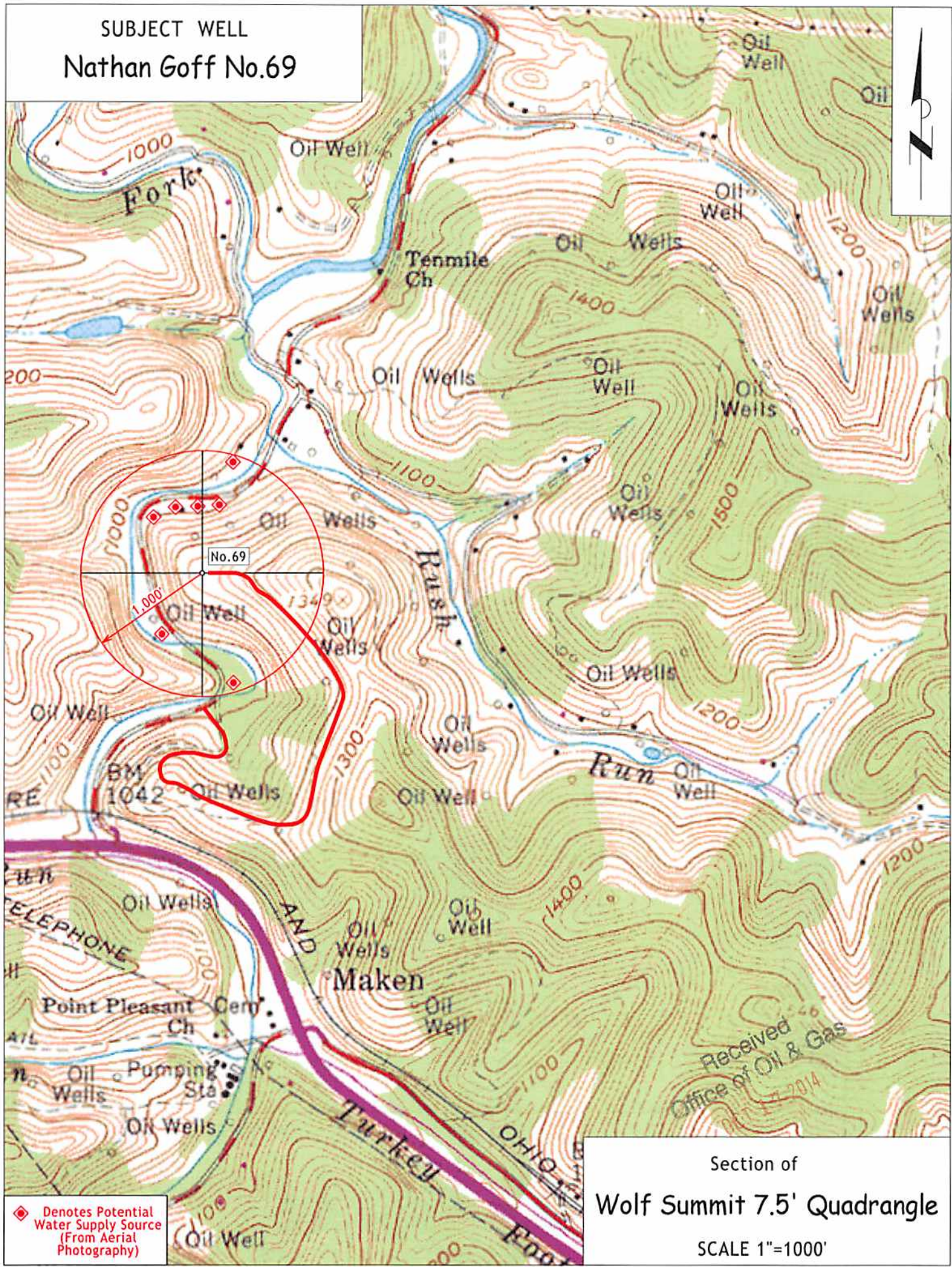
JOSHUA E. MOODY, P.S. 2020

DATE 10/07/14
OPERATOR'S WELL NATHAN GOFF # 69

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL HORIZONTAL
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1147' WATERSHED TENMILE CREEK API WELL #
DISTRICT TEN MILE COUNTY HARRISON 47 - 033 - 05803 S
QUADRANGLE WOLF SUMMIT 7.5' STATE COUNTY PERMIT

SURFACE OWNER WILLIAM R. & PAMELA L. JOHNSON ACREAGE 91.19 ACRES +/-
OIL & GAS ROYALTY OWNER HG ENERGY, LLC ET AL LEASE ACREAGE 174 ACRES +/-
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION
OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION 5TH SAND ESTIMATED DEPTH TD=2900'
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
Nathan Goff No.69



◆ Denotes Potential Water Supply Source (From Aerial Photography)

Received
Office of Oil & Gas
JUL 27 2014

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