

LON: -80°28'10.2"

3,155'

LAT: 39°20'00"

MAP OF H.G. ENERGY, LLC -WATERFLOOD UNIT- JT WILLIAMS 14

LON: 80°27'30"

12,785'

LAT: 39°17'53.6"

SURVEY NOTES

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, 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.

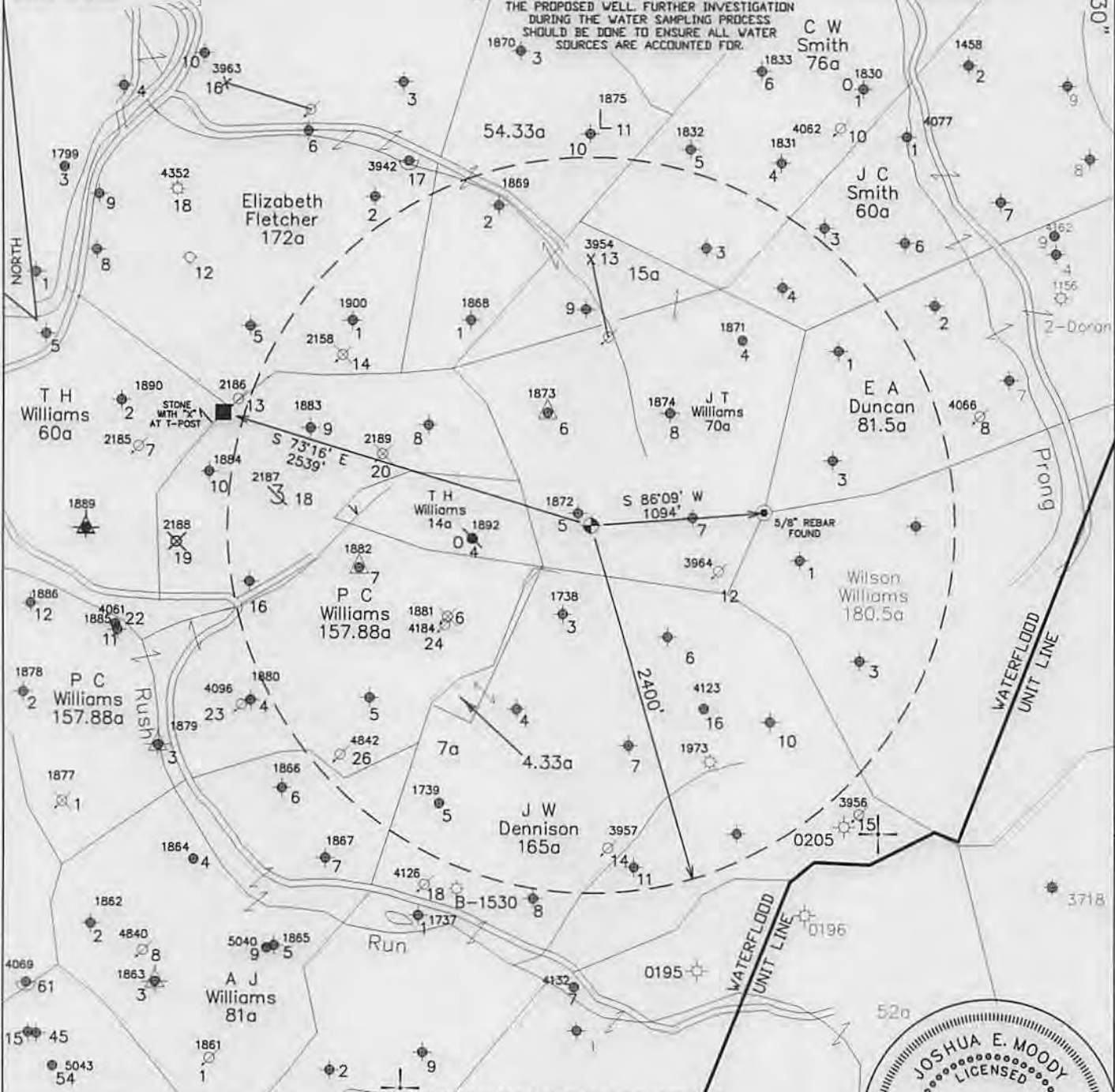
UTM Coordinates
(Zone 17N-NAD 1983)

Surface N-4,350,017m.
E-545,760m.

LOCATION REFERENCES

MAGNETIC BEARING
S 61° E 121.3' 16" POPLAR
N 05° W 111.4' 12" WALNUT

THERE ARE NO KNOWN 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.



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

JOB # 13-014
DRAWING # 14LAKEFLOYD FOLDER
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEV. MAPPING GRADE GPS

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

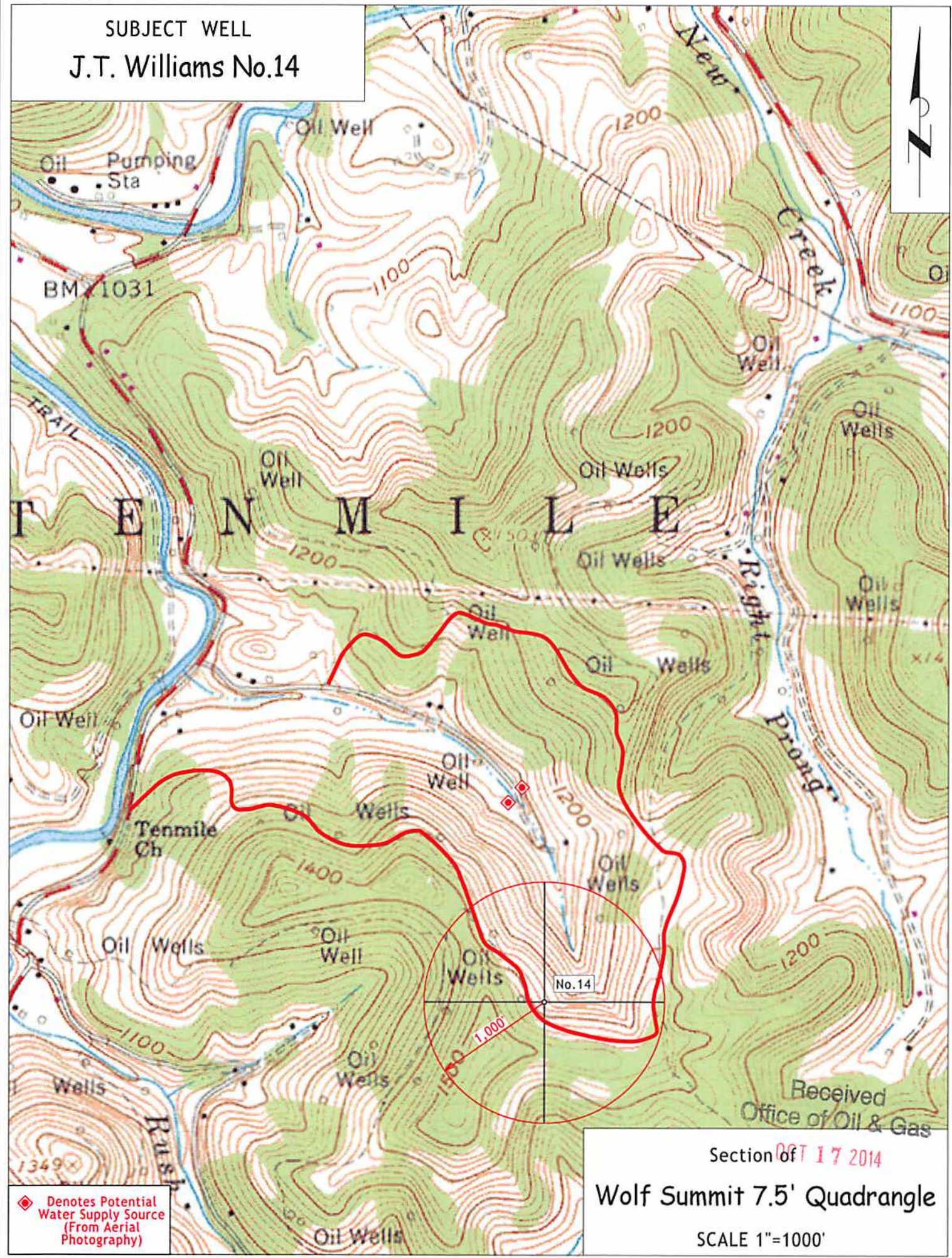


JOSHUA E. MOODY, P.S. 2020
DATE 10/07/14
OPERATOR'S WELL
JT WILLIAMS # 14

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION WASTE DISPOSAL ___ HORIZONTAL ___
(IF "GAS") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
LOCATION: ELEVATION 1406' WATERSHED TENMILE CREEK API WELL # 8000-033-058525
DISTRICT TEN MILE COUNTY HARRISON STATE COUNTY PERMIT

SURFACE OWNER FREDERICK L. FLETCHER & BETTY H. WILCOX ACREAGE 103.99 ACRES +/-
OIL & GAS ROYALTY OWNER CAROLYN GEORGE ET AL LEASE ACREAGE 150 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
WELL OPERATOR H.G. ENERGY, LLC
ADDRESS 5260 DuPONT ROAD PARKERSBURG, WV 26101
ESTIMATED DEPTH TD=3050'
DESIGNATED AGENT MIKE KIRSCH
ADDRESS 5260 DuPONT ROAD PARKERSBURG, WV 26101

SUBJECT WELL
J.T. Williams No.14



◆ Denotes Potential Water Supply Source (From Aerial Photography)

Section of ~~OT~~ 17 2014
Wolf Summit 7.5' Quadrangle
SCALE 1"=1000'

Received
Office of Oil & Gas