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**west virginia** department of environmental protection

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Office of Oil and Gas  
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Earl Ray Tomblin, Governor  
Randy C. Huffman, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

March 22, 2016

**FINAL INSPECTION REPORT**

**Secondary Recovery Well Permit Cancelled**

HG ENERGY, LLC,

The FINAL INSPECTION REPORT for the CANCELLED permit, API Well Number:  
47-3305804, issued to HG ENERGY, LLC, and listed below has been received in this office.  
The permit has been cancelled as of 3/17/2016.

James Martin  
Chief

Operator: HG ENERGY, LLC  
Operator's Well No: J.N. FURNO NO. 149  
Farm Name: MUTSCHELKNAUS, CLARENCE  
**API Well Number: 47-3305804**  
Date Issued: 02/03/2014

Date Cancelled: 03/17/2016

**Promoting a healthy environment.**

**04/01/2016**

33058045

(BOT. HL: LON:-80°30'34.2")

LON:-80°30'41.1"

3230

**SURVEY NOTES**

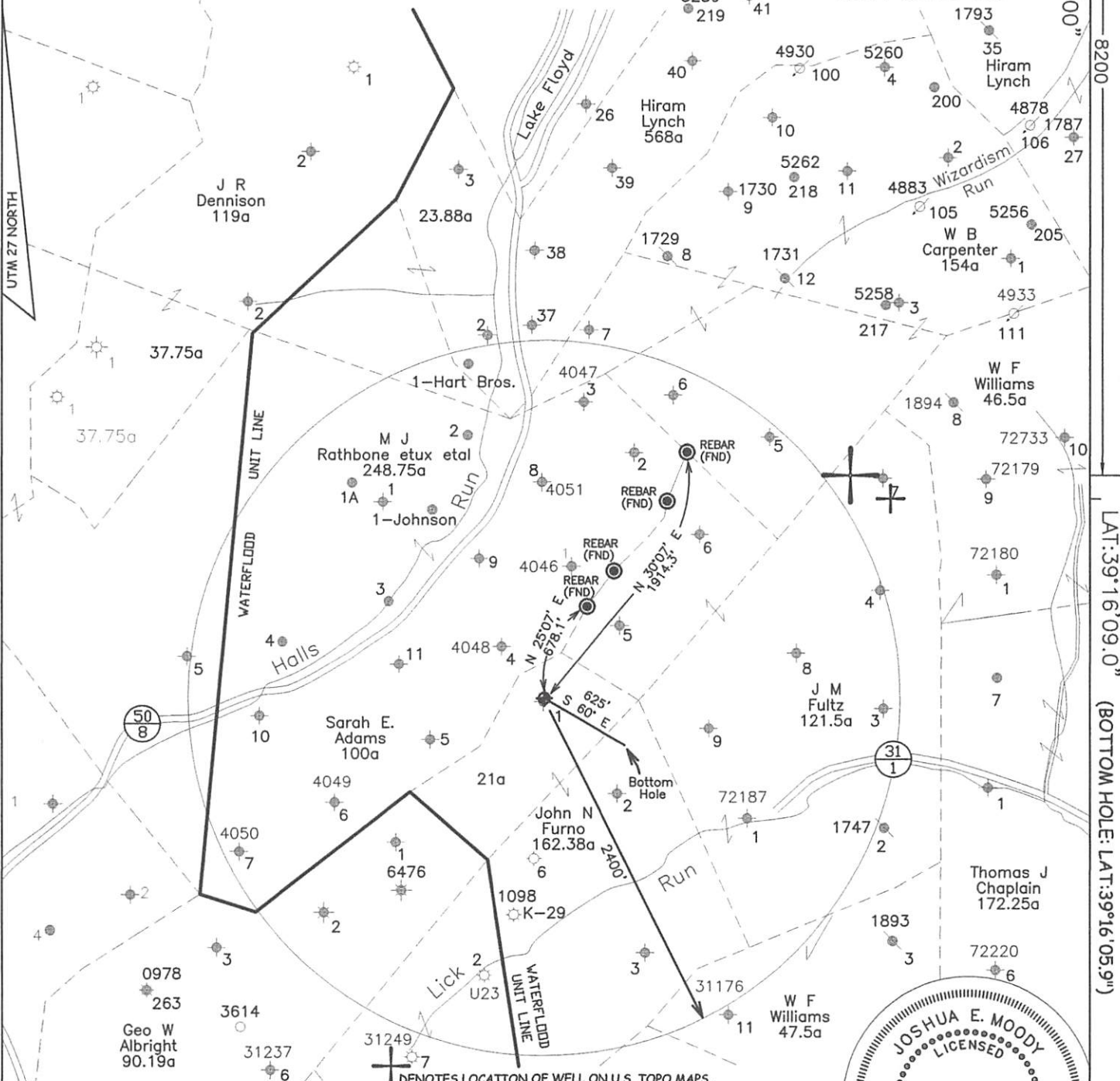
1 - Well ties and Latitude and Longitude were measured by Topcon Hiper GA survey grade GPS. Bearings are referenced to UTM Grid North (Zone 17 North - NAD 1927).

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

UTM Coordinates (Zone 17N-NAD 1983)		LOCATION REFERENCES	
Surface	N-4,346,770m. E-542,163m.	UTM 27 S 17°00' W 22.8' 4" PVC WELL N 18°48' W 99.2' 9" HICKORY	
Bottom Hole	N-4,346,675m. E-542,328m.	Brq. Direction is prop. well to the ref.	

LAT: 39°17'30"  
**MAP OF  
 H.G. ENERGY, LLC  
 -WATERFLOOD UNIT-  
 J.N. FURNO 149**



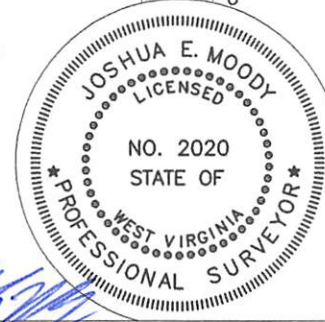
⊕ DENOTES LOCATION OF WELL ON U.S. TOPO MAPS.

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 9/17/13  
 OPERATOR'S WELL J.N. FURNO # 149

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  HORIZONTAL CANCELLED  
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1338' WATERSHED TEN MILE CREEK API WELL # 05804  
 DISTRICT TEN MILE COUNTY HARRISON STATE 47 COUNTY 033 PERMIT  
 QUADRANGLE SALEM 7.5'

SURFACE OWNER CLARENCE & MARY MUTSCHELKNAUS ACREAGE 157.94 ACRES +/-  
 OIL & GAS ROYALTY OWNER JOHN H. FURNER, et al LEASE ACREAGE 185 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 60° E 625')  
 PLUG & ABANDON  CLEAN OUT & REPLUG   
 TARGET FORMATION 5TH SAND ESTIMATED DEPTH MD= 3,325'  
 WELL OPERATOR H.G. ENERGY, LLC DESIGNATED AGENT MIKE KIRSCH  
 ADDRESS 5260 DuPONT ROAD ADDRESS 5260 DuPONT ROAD  
 PARKERSBURG, WV 26101 PARKERSBURG, WV 26101

04/01/2016