

LON: -81°17'16.6" 10825' LAT: 38°45'00"

- SURVEY NOTES**
- Well ties and Latitude and Longitude were measured by DGPS (Sub-meter Mapping Grade). Bearings are referenced to UTM Grid North (Zone 17 North - NAD 1983).
 - Surface owners and adjoining information obtained from the Roane County Assessor's tax records.
 - No Title Opinion was provided to the Surveyor during this survey. This survey is subject to a complete title Opinion.
 - Existing well spots from HGE or Seneca Tech, Inc. data

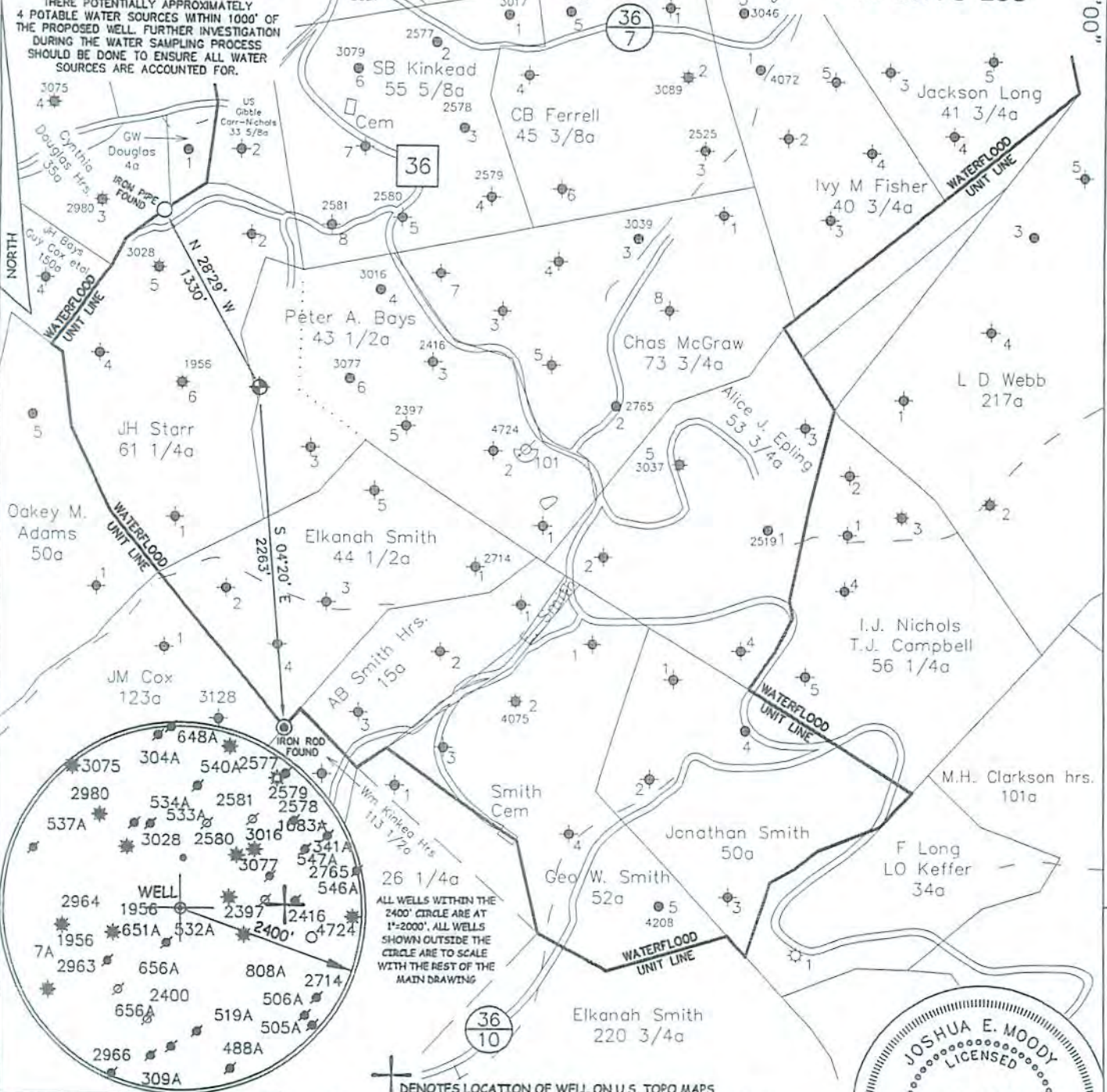
UTM Coordinates (Zone 17N-NAD 1983)

Surface N-4,284,852m.
E-474,980m.

LOCATION REFERENCES

MAGNETIC BEARING
S 52° W 119.7' 14" RED OAK
N 33° W 123.5' 14" BLACK OAK

MAP OF H.G. ENERGY, LLC -WATERFLOOD UNIT- P.A. BAYS 208



JOB # 14-033
DRAWING # 14CLOVER FOLDER
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEV. MAPPING GRADE GPS

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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 12/15/14
OPERATOR'S WELL P.A. BAYS # 208

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL HORIZONTAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1064' WATERSHED LAUREL FORK API WELL # 47 - 087 - 04778
 DISTRICT SMITHFIELD COUNTY ROANE STATE COUNTY PERMIT
 QUADRANGLE LOONEYVILLE 7.5'

SURFACE OWNER FREDDIE FISHER ET AL ACREAGE 33.00 ACRES +/-
 OIL & GAS ROYALTY OWNER IRIS M. NIDAY ET AL LEASE ACREAGE 43.50 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 BIG INJUN ESTIMATED DEPTH TVD=2,215'
 WELL OPERATOR H.G. ENERGY, LLC DESIGNATED AGENT DIANE WHITE
 ADDRESS 5260 DuPONT ROAD ADDRESS 5260 DuPONT ROAD
 PARKERSBURG, WV 26101 PARKERSBURG, WV 26101

Received
Office of Oil & Gas

SUBJECT WELL
P.A. Bays No.208



◆ Denotes Potential Water Supply Source and Surface Owner (From Aerial Photography)

Section of
Looneyville 7.5' Quadrangle

SCALE 1"=1000'