

8704773

(BOT. HL: LON:-81°16'49.7")

LON: -81°16'55.3" 9145'

LAT: 38°42'30" LON: 81°15'00" 665' LAT:38°42'23.4" (BOTTOM HOLE: LAT:38°42'30.3")

SURVEY NOTES

1 - 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).

2 - Surface owners and adjoining information obtained from the Roane County Assessor's tax records.

3 - No Title Opinion was provided to the Surveyor during this survey. This survey is subject to a complete title Opinion.

4 - Existing well spots from HGE or Seneca Tech, Inc. data

UTM Coordinates (Zone 17N-NAD 1983)

Surface N-4,284,257m. E-475,491m.

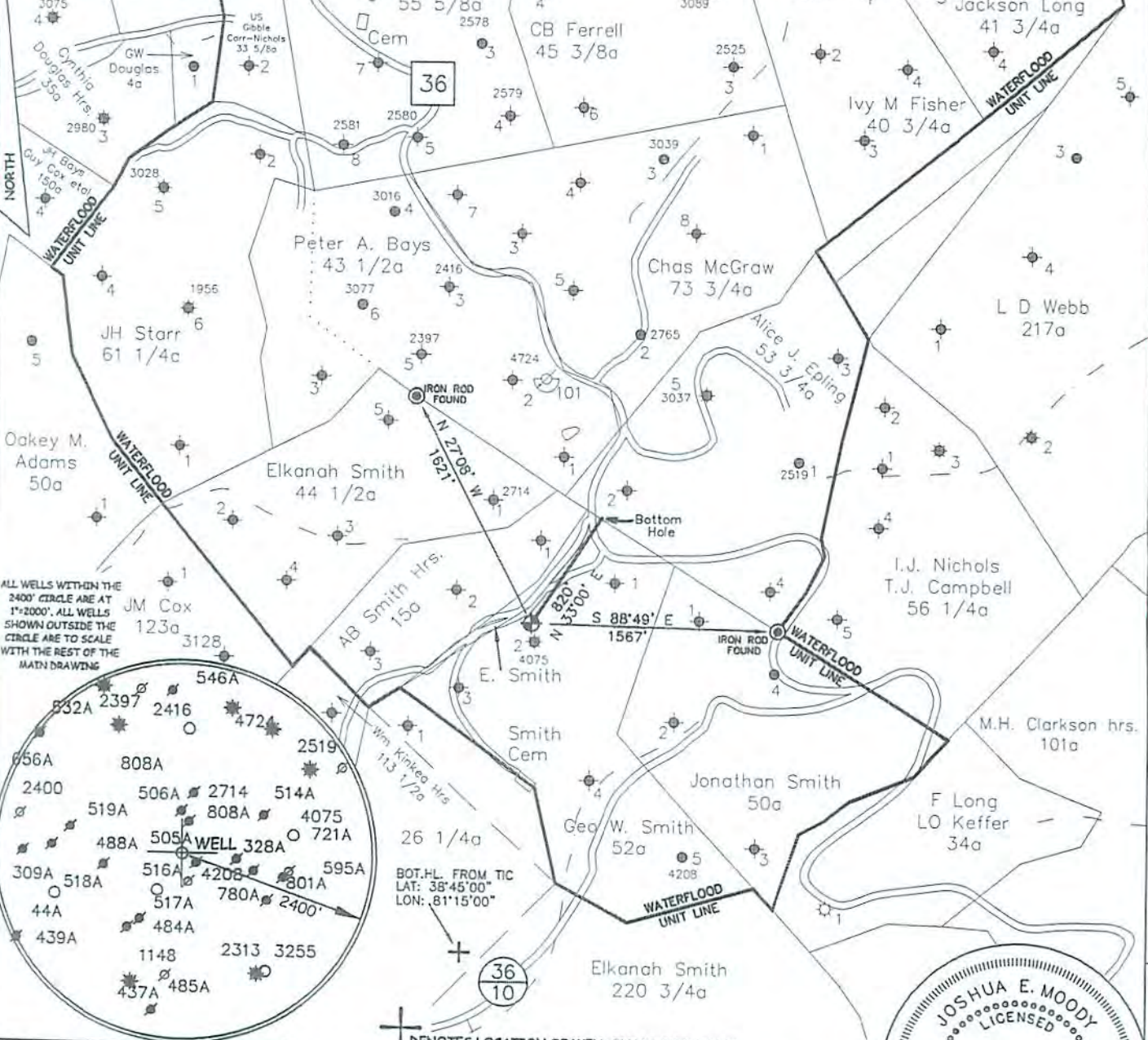
Bottom Hole N-4,284,466m. E-475,627m.

LOCATION REFERENCES

MAGNETIC BEARING
N 79° E 110.3' 12" MAPLE
S 20° E 102.2' WELL G.W. SMITH # 2

LAT: 38°42'30"
MAP OF H.G. ENERGY, LLC - WATERFLOOD UNIT- A.J. EPLING 214

THERE POTENTIALLY APPROXIMATELY 5 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.



ALL WELLS WITHIN THE 2400' CIRCLE ARE AT 1"=2000'. ALL WELLS SHOWN OUTSIDE THE CIRCLE ARE TO SCALE WITH THE REST OF THE MAIN DRAWING

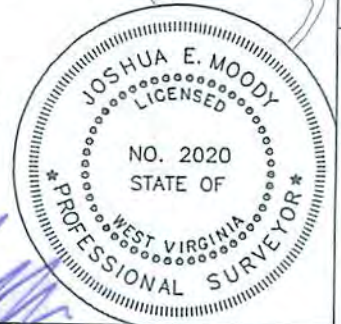
JOB # 14-033
DRAWING # 14CLOVER FOLDER
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEV. MAPPING GRADE GPS

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PERSCIBED 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 A.J. EPLING # 214

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL HORIZONTAL
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1178' WATERSHED SMITH RUN API WELL #
DISTRICT SMITHFIELD COUNTY ROANE 47 - 087 -
QUADRANGLE LOONEYVILLE 7.5' STATE COUNTY PERMIT

SURFACE OWNER CHARLES A. WYROSTOK JR. ACREAGE 37.46 ACRES +/-
OIL & GAS ROYALTY OWNER FREEHOLD COMPANY ET AL LEASE ACREAGE 54.00 ACRES +/-
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION
OTHER PHYSICAL CHANGE IN WELL (SPECIFY) WELL WILL BE DRILLED DIRECTIONALLY
PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION BIG INJUN
WELL OPERATOR H.G. ENERGY, LLC
ADDRESS 5260 DuPONT ROAD PARKERSBURG, WV 26101

ESTIMATED DEPTH TVD=2,290' MD=2,850'
DESIGNATED AGENT DIANE WHITE
ADDRESS 5260 DuPONT ROAD PARKERSBURG, WV 26101
LEASE # 8200000000

FORM WW-6

RECEIVED
Office of Oil and Gas
FEB 20 2015
West Virginia Department of Environmental Protection

04/17/2015

SUBJECT WELL
A.J. Epling No.214



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

RECEIVED
Office of Oil and Gas
Gas Well
FEB 20 2015
WV Department of Environmental Protection

Section of
Looneyville 7.5' Quadrangle
SCALE 1"=1000'