

LON: -81°17'04.0" 9825'

LON: 81°15'00"

12220'

LAT: 38°42'59.2"

**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.

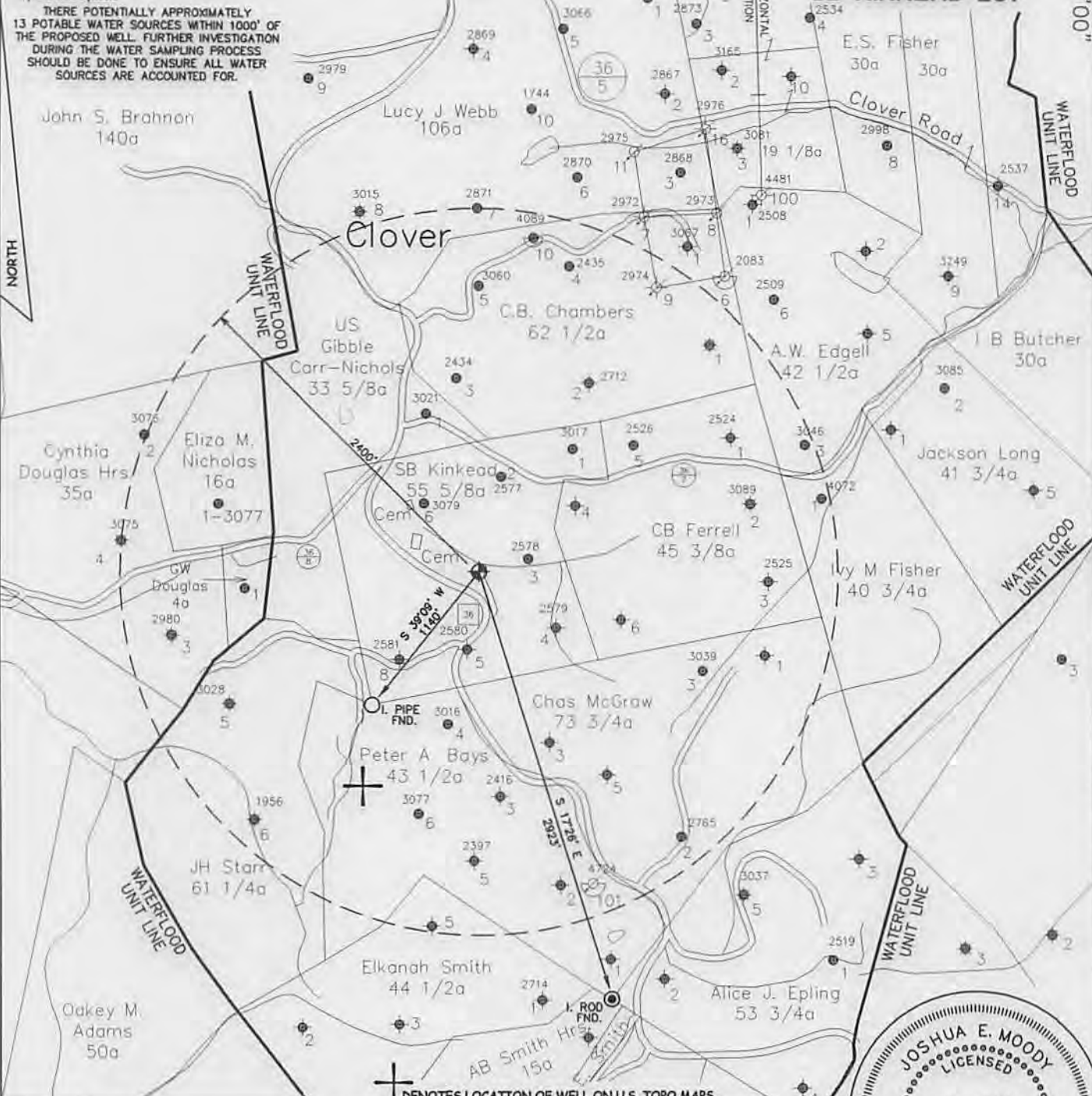
**UTM Coordinates (Zone 17N-NAD 1983)**

Surface N-4,285,360m. E-475,286m.

**LOCATION REFERENCES**

MAGNETIC BEARING  
N 70° E 76.0' GAS LINE MARKER  
N 34° W 135.3' WOOD FENCE POST

LAT: 38°45'00"  
**MAP OF H.G. ENERGY, LLC -WATERFLOOD UNIT-SB KINKEAD 201**



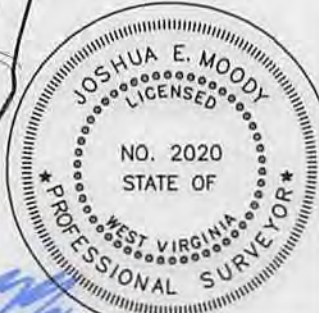
JOB # 14-033  
DRAWING # 14CLOVER FOLDER  
SCALE 1" = 1000'  
MINIMUM DEGREE OF ACCURACY 1/200  
PROVEN SOURCE OF ELEV. MAPPING GRADE GPS

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 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 10/17/14  
OPERATOR'S WELL SB KINKEAD # 201

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_ HORIZONTAL \_\_\_  
(IF "GAS") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW   
LOCATION: ELEVATION 1110' WATERSHED RUSH CREEK OF HENRYS FORK  
DISTRICT SMITHFIELD COUNTY ROANE  
QUADRANGLE LOONEYVILLE 7.5'

API WELL # 47 - 087 - 04750  
STATE COUNTY PERMIT

SURFACE OWNER REVA SNODGRASS ET AL ACREAGE 22 ACRES +/-  
OIL & GAS ROYALTY OWNER APPALACHIAN ROYALTIES ET AL LEASE ACREAGE 56 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 TD=2,240'  
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  
S.B. Kinkead No.201



Received  
Office of Oil & Gas  
OCT 29 2014

◆ Denotes Potential  
Water Supply Source  
(From Aerial  
Photography)

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