

8704775

LON: -81°16'52.2" 8895'

LAT: 38°45'00"

# MAP OF H.G. ENERGY, LLC -WATERFLOOD UNIT- C. McGRAW 206

LON: 81°15'00"

12945'

LAT: 38°42'52.1"

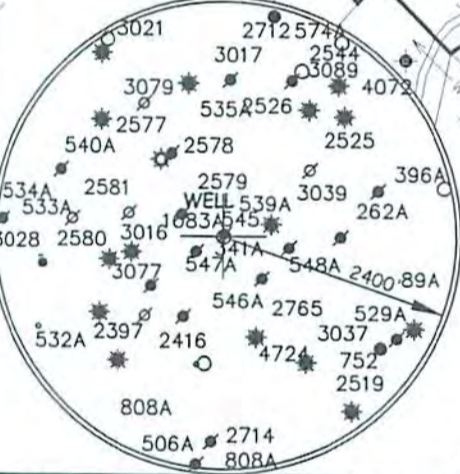
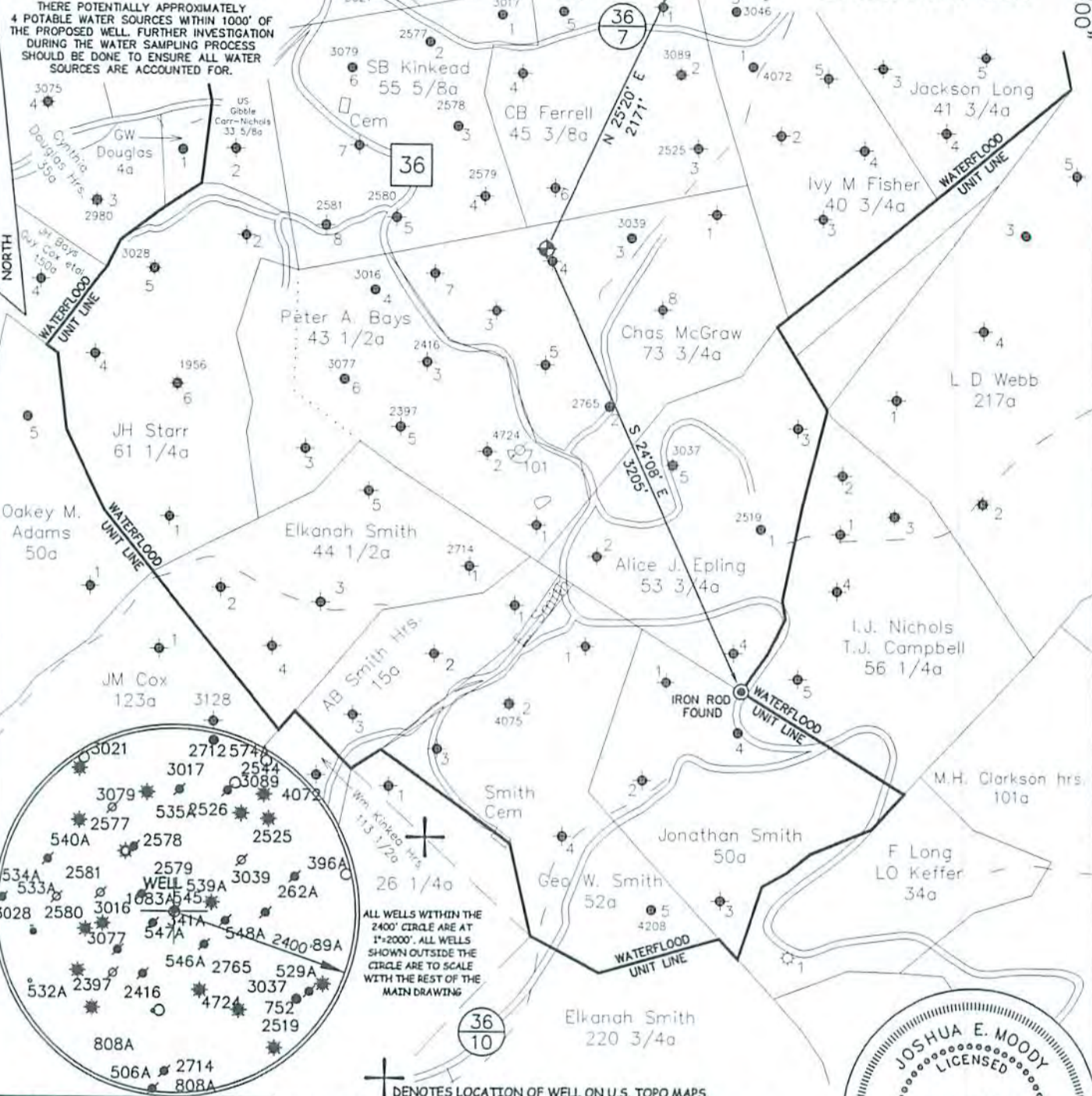
- SURVEY NOTES**
- 1 - Well ties and Latitude and Longitude were measured by DGPS (Sub-meter Mapping Grade). Bearings are referenced to UTM Grid North (Zone 17 North - NAD 1983).
  - 2 - Surface owners and adjoining information obtained from the Roane County Assessor's tax records.
  - 3 - No Title Opinion 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-4,285,138m.  
E-475,569m.

**LOCATION REFERENCES**

**MAGNETIC BEARING**  
S 71° W 116.0' 15" RED OAK  
S 14° E 92.0' PLUG WELL CM #4



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.

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

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  
DATE 12/15/14  
OPERATOR'S WELL C. McGRAW # 206

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 1111' WATERSHED RUSH CREEK OF HENRYS FORK API WELL # 4775  
DISTRICT SMITHFIELD COUNTY ROANE 47 - 087 -  
QUADRANGLE LOONEYVILLE 7.5' STATE COUNTY PERMIT

SURFACE OWNER DOLORES ATKINSON (TRUSTEE), RICHARD & RONALD FISCHER ACREAGE 40.00 ACRES +/-  
OIL & GAS ROYALTY OWNER GEORGE W. CARR ET AL LEASE ACREAGE 75.00 ACRES +/-  
PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION   
OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
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=2,235'  
DESIGNATED AGENT Office of Oil and Gas  
ADDRESS 5260 DuPONT ROAD PARKERSBURG, WV 26101  
LEASE # 61420-50

RECEIVED

Office of Oil and Gas  
5260 DuPONT ROAD  
PARKERSBURG, WV 26101  
FEB 29 2015

SUBJECT WELL  
Charles McGraw No.206



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

FEB 2015  
Section of  
Looneyville 7.5' Quadrangle  
WY Department of  
Environmental Protection  
SCALE 1"=1000'