

SUBJECT WELL
S.B. Kinkead No.108
47-087-04749



RECEIVED
Office of Oil and Gas
AUG 8 1 2020
WV Department of
Environmental Protection

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

As-Drilled Longitude = 81°17' 04.2"

9,840'

47-087-04749 W

LATITUDE 38° 45' 00"

LONGITUDE 81° 15' 00"

12,231'

As Drilled Latitude = 38° 42' 59.1"

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 1927).

2 - Surface owners and adjoiners 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.

THERE POTENTIALLY APPROXIMATELY 13 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.

SURVEY NOTES

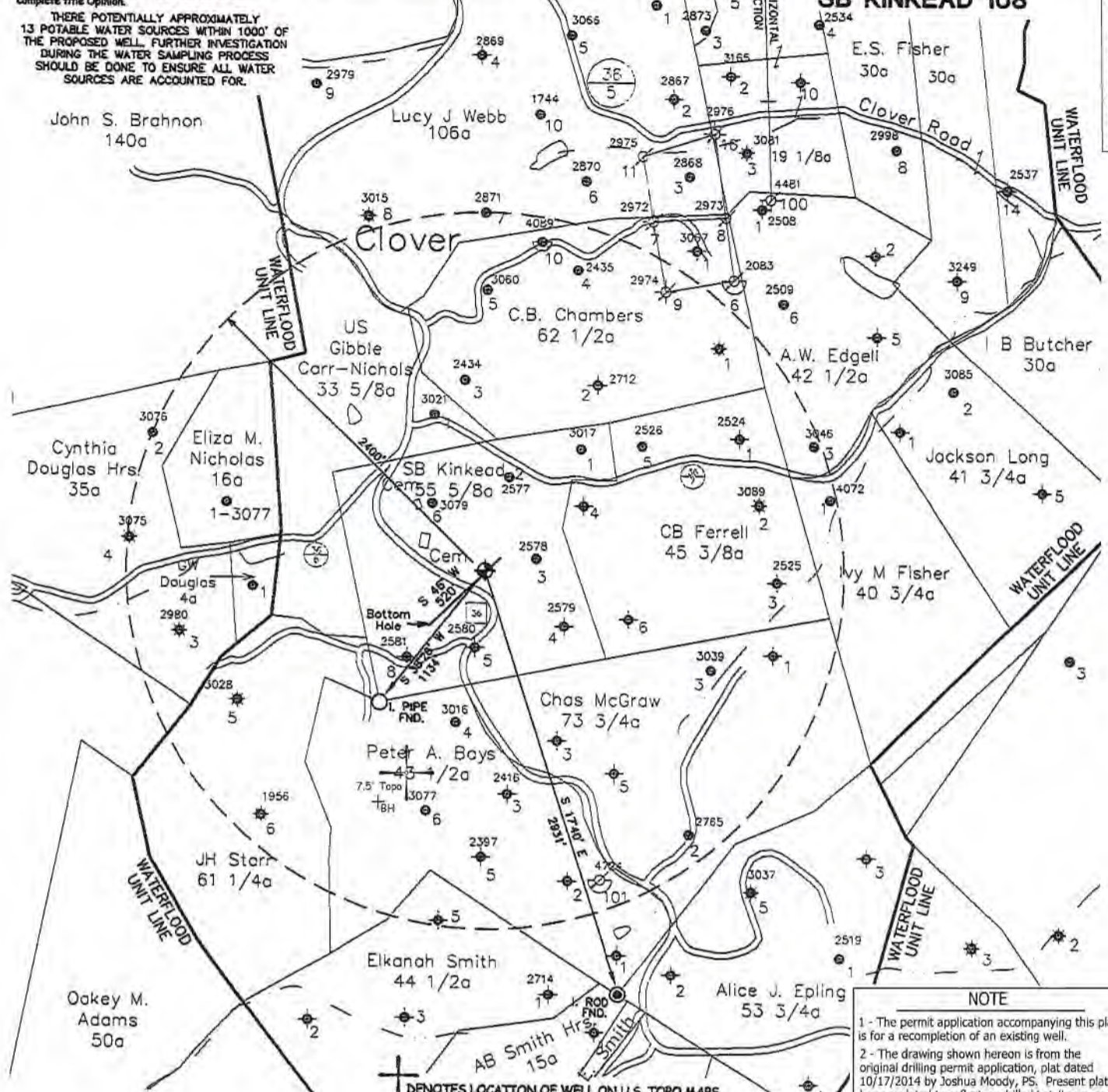
UTM Coordinates (Zone 17N-NAD 1983)

Surface N-4,285,361m. E-475,282m. Bottom Hole N-4,285,251m. E-475,168m.

LOCATION REFERENCES

MAGNETIC BEARING N 73° E 87.0' GAS LINE MARKER N 32° W 122.5' WOOD FENCE POST

MAP OF H.G. ENERGY, LLC -WATERFLOOD UNIT- SB KINKEAD 108



NOTE 1 - The permit application accompanying this plat is for a recompletion of an existing well. 2 - The drawing shown hereon is from the original drilling permit application, plat dated 10/17/2014 by Joshua Moody, PS. Present plat has been updated to reflect as-drilled Lat./Long. and current surface ownership.

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

FILE NO. _____

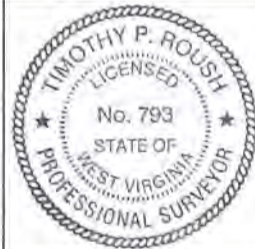
SCALE 1" = 1000'

MINIMUM DEGREE OF ACCURACY _____

PROVEN SOURCE OF ELEVATION DGPS Survey (Sub-Meter Mapping Grade)

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 PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

(SIGNED) Timothy P. Roush PS 793



WEST VIRGINIA Division of Environmental Protection Office of Oil and Gas 601 57th Street Charleston, West Virginia 25301



DATE July 27, 2020 FARM S.B. Kinkead No.108 API WELL NO. 47-087-04749 W

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION X WASTE DISPOSAL ___ (IF "GAS") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___ LOCATION: ELEVATION 1,110' WATERSHED Rush Run DISTRICT Smithfield COUNTY Roane QUADRANGLE Looneyville 7.5' SURFACE OWNER Ed Asbury ACREAGE 22 Ac. OIL & GAS ROYALTY OWNER Appalachian Royalties et al. LEASE ACREAGE 56 Ac.

RECEIVED Office of Oil and Gas AUG 31 2020 WV Department of Environmental Protection

PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___ TARGET FORMATION Big Injun ESTIMATED DEPTH 2,450' MD

WELL OPERATOR Hg Energy LLC. DESIGNATED AGENT Diane White ADDRESS 5260 DuPont Road Parkersburg, WV 26101 ADDRESS 5260 DuPont Road Parkersburg, WV 26101

FORM IV-6

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 1927).

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

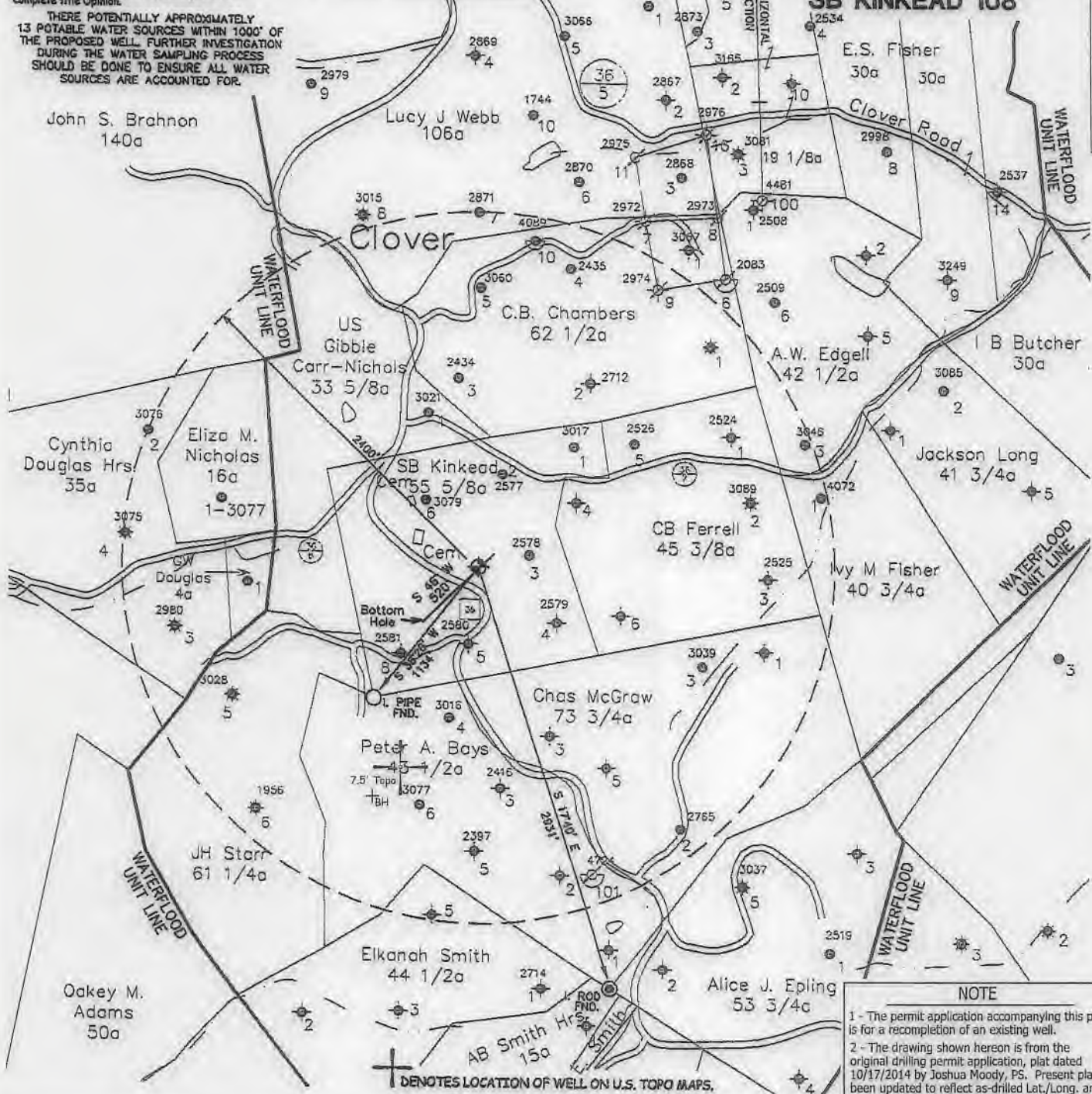
3 - No Title Opinion was provided to the Surveyor during this survey. This survey is subject to a complete title Opinion.

THERE POTENTIALLY APPROXIMATELY 13 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.

UTM Coordinates (Zone 17N-NAD 1983)	
Surface	N-4,285,361m. E-475,282m.
Bottom Hole	N-4,285,251m. E-475,168m.

LOCATION REFERENCES	
MAGNETIC BEARING	N 75° E 87.0' GAS LINE MARKER
	N 32° W 122.5' WOOD FENCE POST

MAP OF H.G. ENERGY, LLC -WATERFLOOD UNIT- SB KINKEAD 108



NOTE

1 - The permit application accompanying this plat is for a recompletion of an existing well.

2 - The drawing shown hereon is from the original drilling permit application, plat dated 10/17/2014 by Joshua Moody, PS. Present plat has been updated to reflect as-drilled Lat./Long. and current surface ownership.

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


FILE NO. _____

SCALE **1" = 1000'**

MINIMUM DEGREE OF ACCURACY _____

PROVEN SOURCE OF ELEVATION DGPS Survey
(Sub-Meter Mapping Grade)

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 PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

(SIGNED) 
TIMOTHY P. ROUSH PS 793



WEST VIRGINIA
Division of Environmental Protection
Office of Oil and Gas
601 57th Street
Charleston, West Virginia 25301

WELL TYPE: OIL _____ GAS _____ LIQUID INJECTION WASTE DISPOSAL _____
(IF "GAS") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____

LOCATION: ELEVATION 1,110' WATERSHED Rush Run
DISTRICT Smithfield COUNTY Roane
QUADRANGLE Looneyville 7.5'

SURFACE OWNER Ed Asbury ACREAGE 22 Ac.
OIL & GAS ROYALTY OWNER Appalachian Royalties et al. LEASE ACREAGE 56 Ac.
LEASE NO. _____

PROPOSED WORK: DRILL _____ CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
TARGET FORMATION Big Injun ESTIMATED DEPTH 2,450' MD

WELL OPERATOR HG Energy LLC. DESIGNATED AGENT Diane White
ADDRESS 5260 DuPont Road ADDRESS 5260 DuPont Road
Parkersburg, WV 26101 Parkersburg, WV 26101

DATE July 27, 2020
FARM S.B. Kinkead No.108
API WELL NO. 47 - 087 - 04749W

