

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 11 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

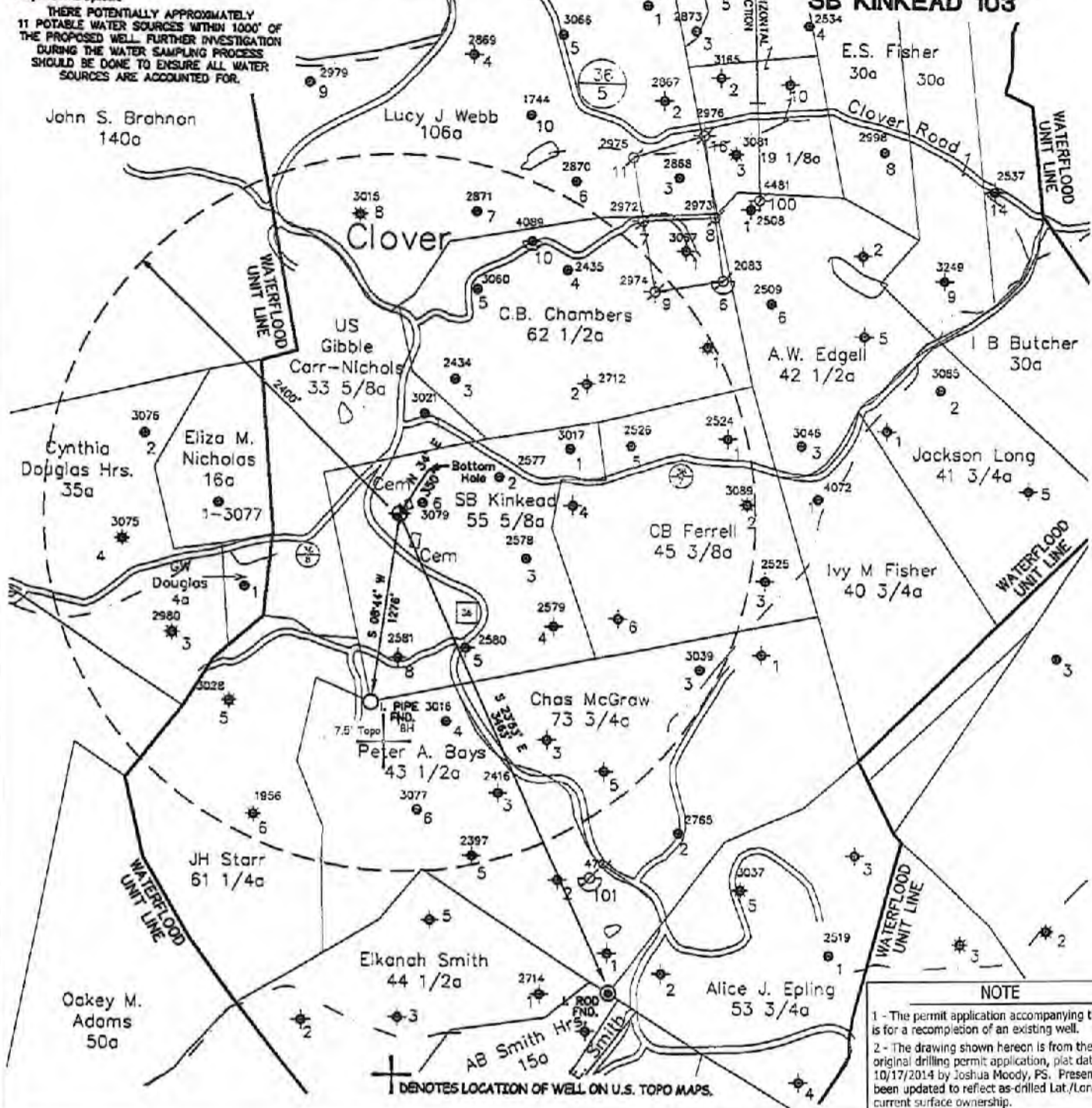
UTM Coordinates (Zone 17N-NAD 1983)

Surface N-4,285,475m.
E-475,125m.
Bottom Hole N-4,285,564m.
E-475,186m.

LOCATION REFERENCES

MAGNETIC BEARING
N 72° E 68.7' 8" WHITE OAK
N 08° W 142.5' 12" PINE

MAP OF H.G. ENERGY, LLC - WATERFLOOD UNIT - SB KINKEAD 103



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

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.

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) *[Signature]*
TIMOTHY P. ROUSH PS 793



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

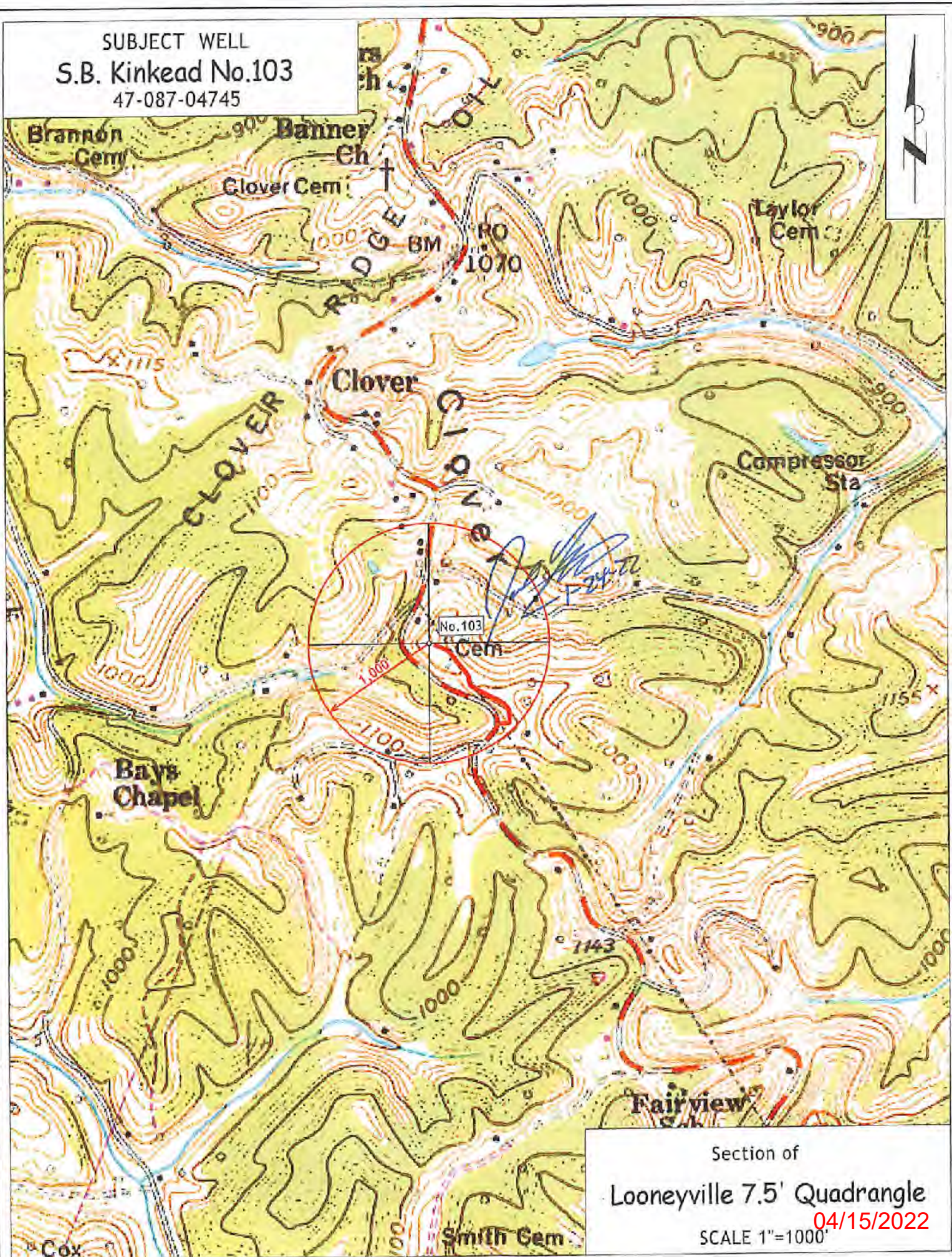


DATE December 2, 2021
FARM S.B. Kinkead No.103
API WELL NO. 47 - 087 - 04745 SW

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION WASTE DISPOSAL ___
(IF "GAS") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
LOCATION: ELEVATION 1,114' WATERSHED Rush Run
DISTRICT Smithfield COUNTY Roane
QUADRANGLE Looneyville 7.5'
SURFACE OWNER Derek Gibson ACREAGE 9.5 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 2,380' MD
WELL OPERATOR HG Energy LLC. DESIGNATED AGENT Diane White
ADDRESS 5260 DuPont Road Parkersburg, WV 26101 ADDRESS 5260 DuPont Road Parkersburg, WV 26101

RECEIVED
Office of Oil and Gas
FEB 14 2022
WV Dept. of Environmental Protection
04/15/2022

SUBJECT WELL
S.B. Kinkead No.103
47-087-04745



Section of
Looneyville 7.5' Quadrangle
SCALE 1"=1000'
04/15/2022