As-Drilled Longitude = 81°16' 49.68"

4708704753SW

LATITUDE 38° 45' 00"

LAT: 38°45'00"

LONGITUDE 81° 15' 00"

LON: 81°15'00"

As Drilled Latitude = 38° 43'01.83"

11,955'

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 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 8 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-4,285,442m. E-475,633m.
Bottom Hole	N-4,285,251m. E-475,491m.

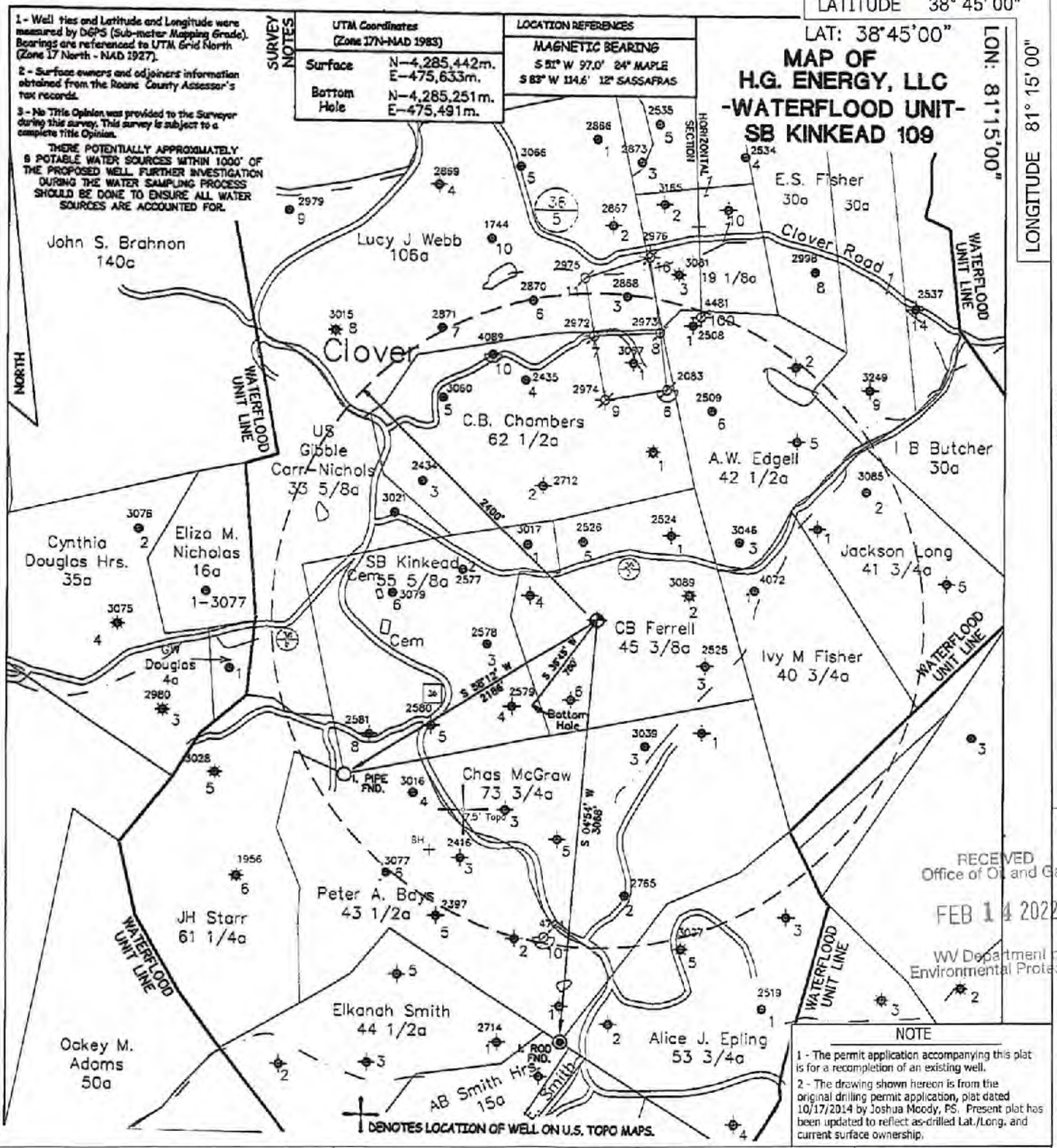
LOCATION REFERENCES

MAGNETIC BEARING

S 51° W 97.0' 24" MAPLE

S 83° W 114.6' 12" SASSAFRAS

MAP OF H.G. ENERGY, LLC -WATERFLOOD UNIT- SB KINKEAD 109



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.

RECEIVED Office of Oil and Gas FEB 14 2022 WV Department of Environmental Protection

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

TIMOTHY P. ROUSH LICENSED No. 793 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

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.109

API WELL NO. 47 - 087 - 04753SW

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 Timothy D. May ACREAGE 25.51 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 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 2,630' MD

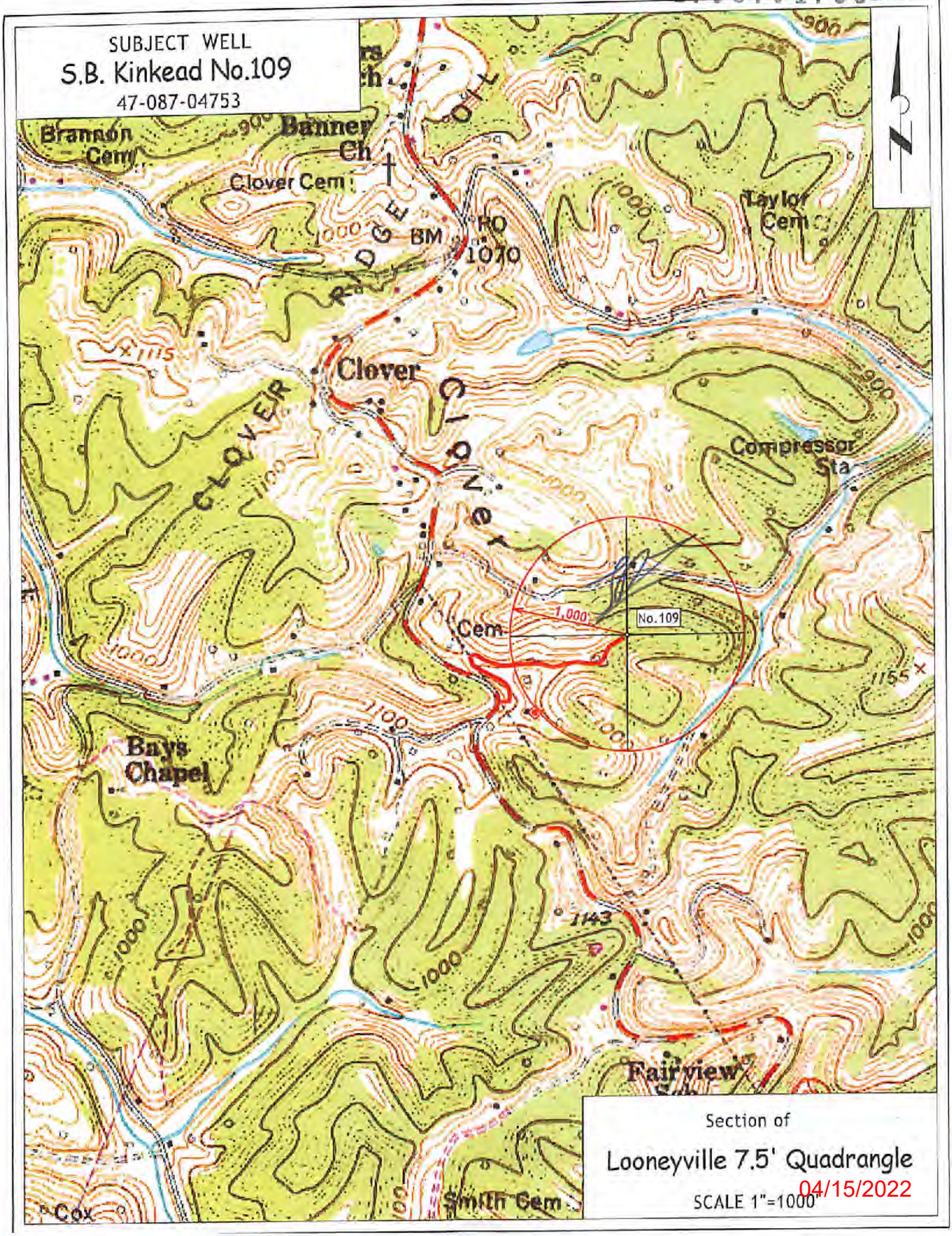
WELL OPERATOR HG Energy LLC. DESIGNATED AGENT Diane White

ADDRESS 5260 DuPont Road Parkersburg, WV 26101 ADDRESS 5260 DuPont Road Parkersburg, WV 26101

04/15/2022

FORM IV-6

4708704753SW



Section of

Looneyville 7.5' Quadrangle

SCALE 1"=1000'

04/15/2022