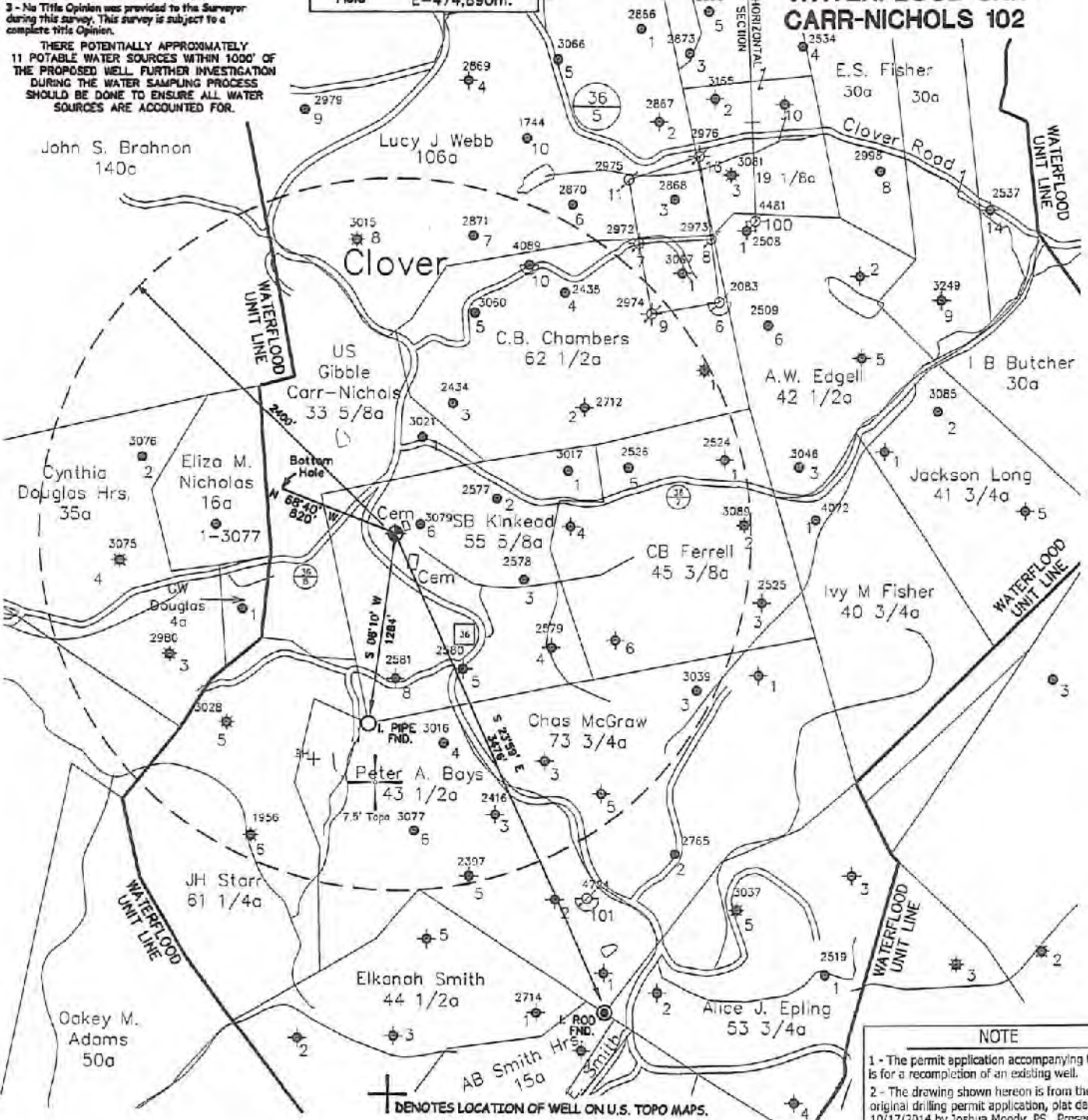


SURVEY NOTES
 1 - Well ties and Latitude and Longitude were measured by Topcon HiPer 6A survey grade GPS. Bearings are referenced to UTM Grid North (Zone 17 North - NAD 1983).
 2 - Surface owners, adjacent information, Lease names existing wells, & line mapping obtained from HSE GIS system. No survey was performed to determine lines within the Waterflood Unit-reference: HSE GIS system.
 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.

UTM Coordinates (Zone 17N-NAD 1983)	
Surface	N-4,285,47Bm. E-475,123m.
Bottom Hole	N-4,285,569m. E-474,890m.

LOCATION REFERENCES	
MAGNETIC BEARING	
N 82° E 76.6' 8" WHITE OAK	
N 05° W 130.7' 12" PINE	

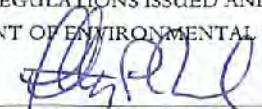
**MAP OF
H.G. ENERGY, LLC
-WATERFLOOD UNIT-
CARR-NICHOLS 102**



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 December 2, 2021
 FARM Carr Nichols No.102
 API WELL NO. 47 - 087 - 04747 SW

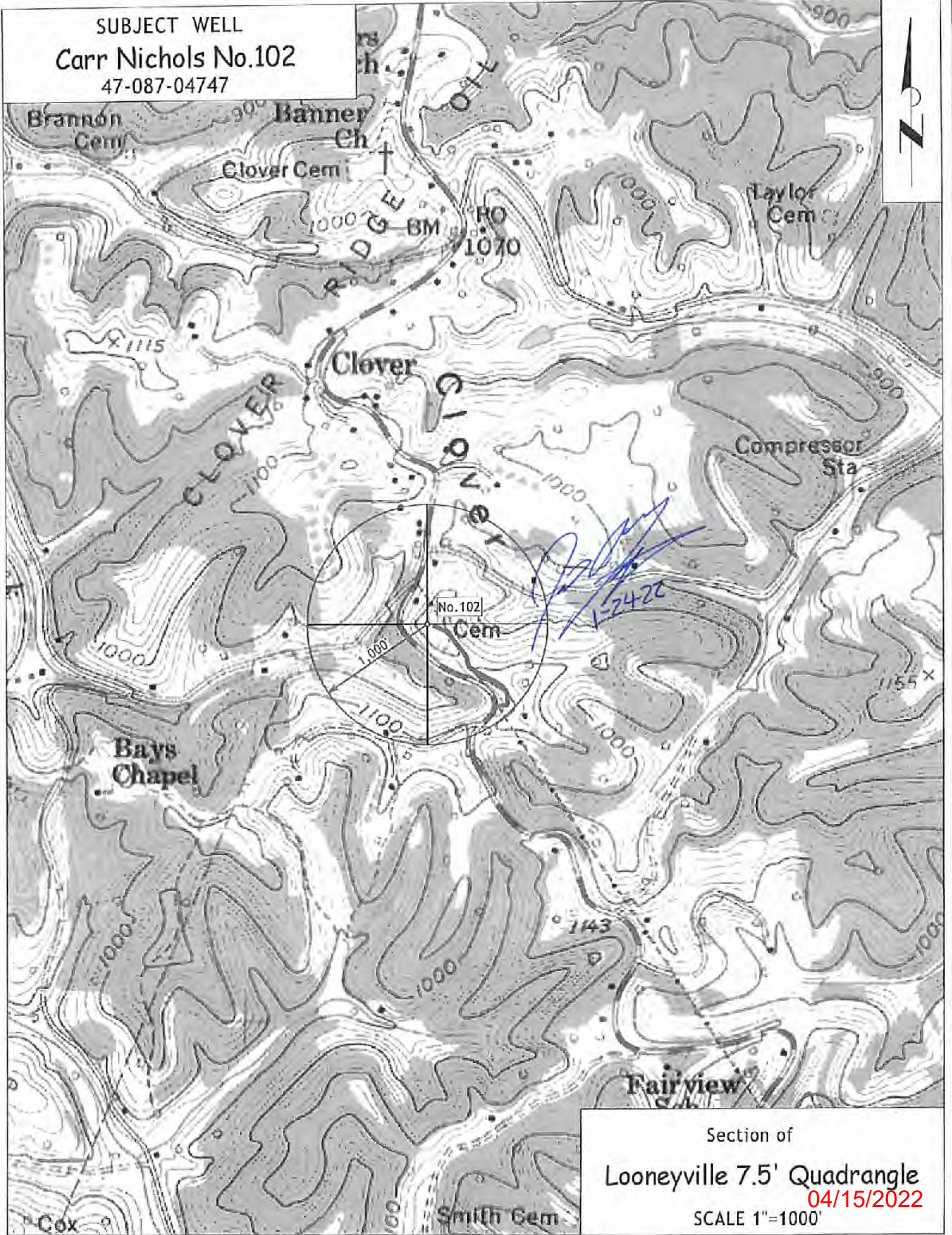
WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 1,114' WATERSHED Rush Run
 DISTRICT Smithfield COUNTY Roane
 QUADRANGLE Looneyville 7.5'
 SURFACE OWNER Derek Gibson ACREAGE 9.5 Ac.
 OIL & GAS ROYALTY OWNER Wm. McCoy Hrs. et al. LEASE ACREAGE 48 Ac.

04/15/2022

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 2,631' MD
 WELL OPERATOR HG Energy LLC. DESIGNATED AGENT Diane White
 ADDRESS 5260 DuPont Road ADDRESS 5260 DuPont Road
 Parkersburg, WV 26101 Parkersburg, WV 26101

4708704747 SP

SUBJECT WELL
Carr Nichols No.102
47-087-04747



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