

- 1 - Well Title 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 adjacent 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**

**SURVEY NOTES**

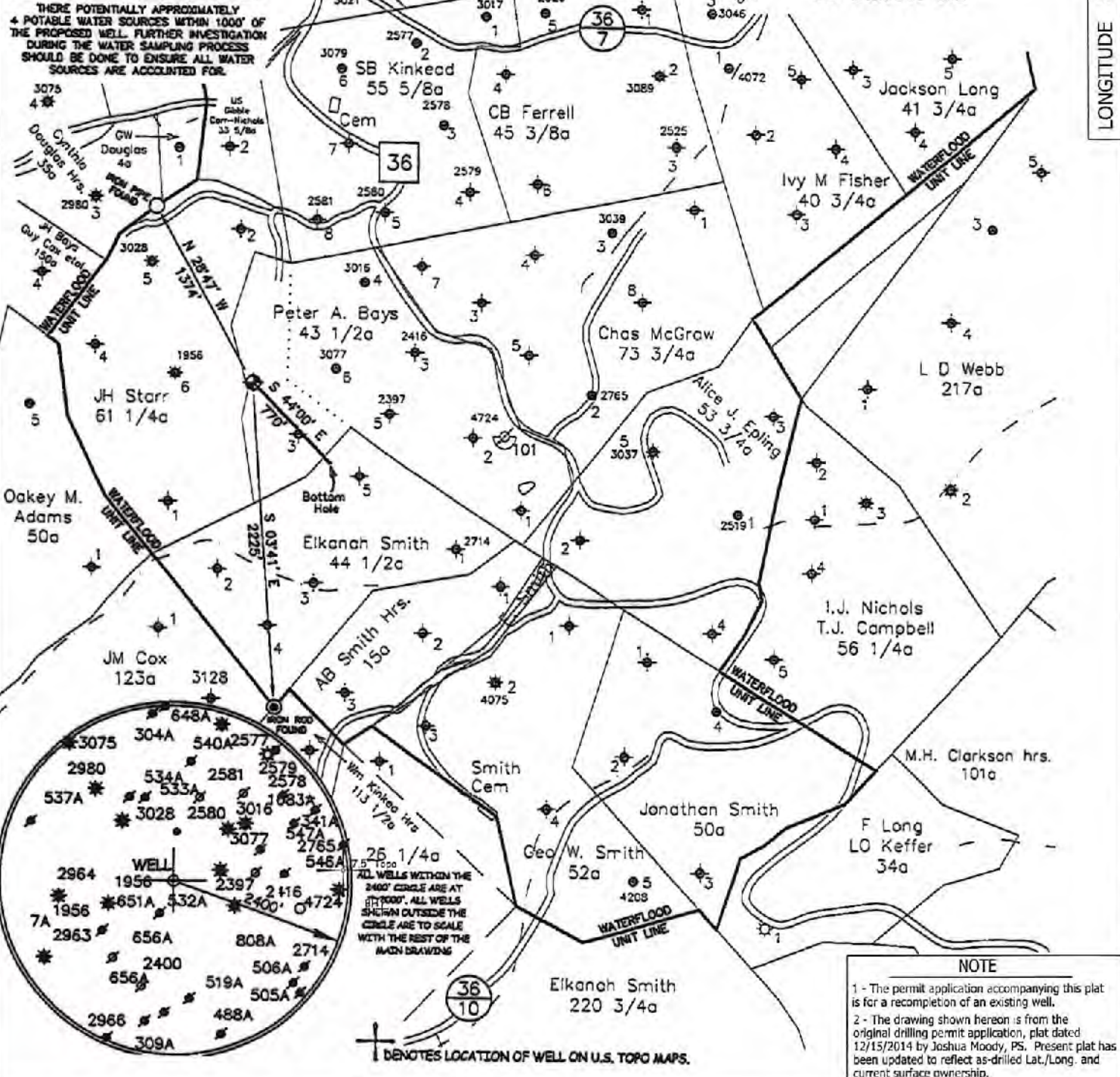
**UTM Coordinates (Zone 17N-NAD 1983)**

Surface N-4,284,841m.  
E-474,989m.  
Bottom Hole N-4,284,672m.  
E-475,152m.

**LOCATION REFERENCES**

**MAGNETIC BEARING**  
S 72° W 123.3' 14" RED OAK  
N 30° W 168.6' 14" BLACK OAK

**MAP OF H.G. ENERGY, LLC - WATERFLOOD UNIT - E. SMITH 118**



ALL WELLS WITHIN THE 300' CIRCLE ARE AT 1:1000'. 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.

**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 12/15/2014 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

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

LOCATION: ELEVATION 1,064' WATERSHED Laurel Fork  
DISTRICT Smithfield COUNTY Roane  
QUADRANGLE Looneyville 7.5'

SURFACE OWNER Freddie Fisher et al. ACREAGE 33 Ac.  
OIL & GAS ROYALTY OWNER Freehold Company, et al. LEASE ACREAGE 50 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 2,570' 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 December 2, 2021  
FARM Elkanah Smith No.118  
API WELL NO. 47 - 087 - 04762sw

RECEIVED  
Office of Oil and Gas  
FEB 14 2022

West Virginia Department of Environmental Protection



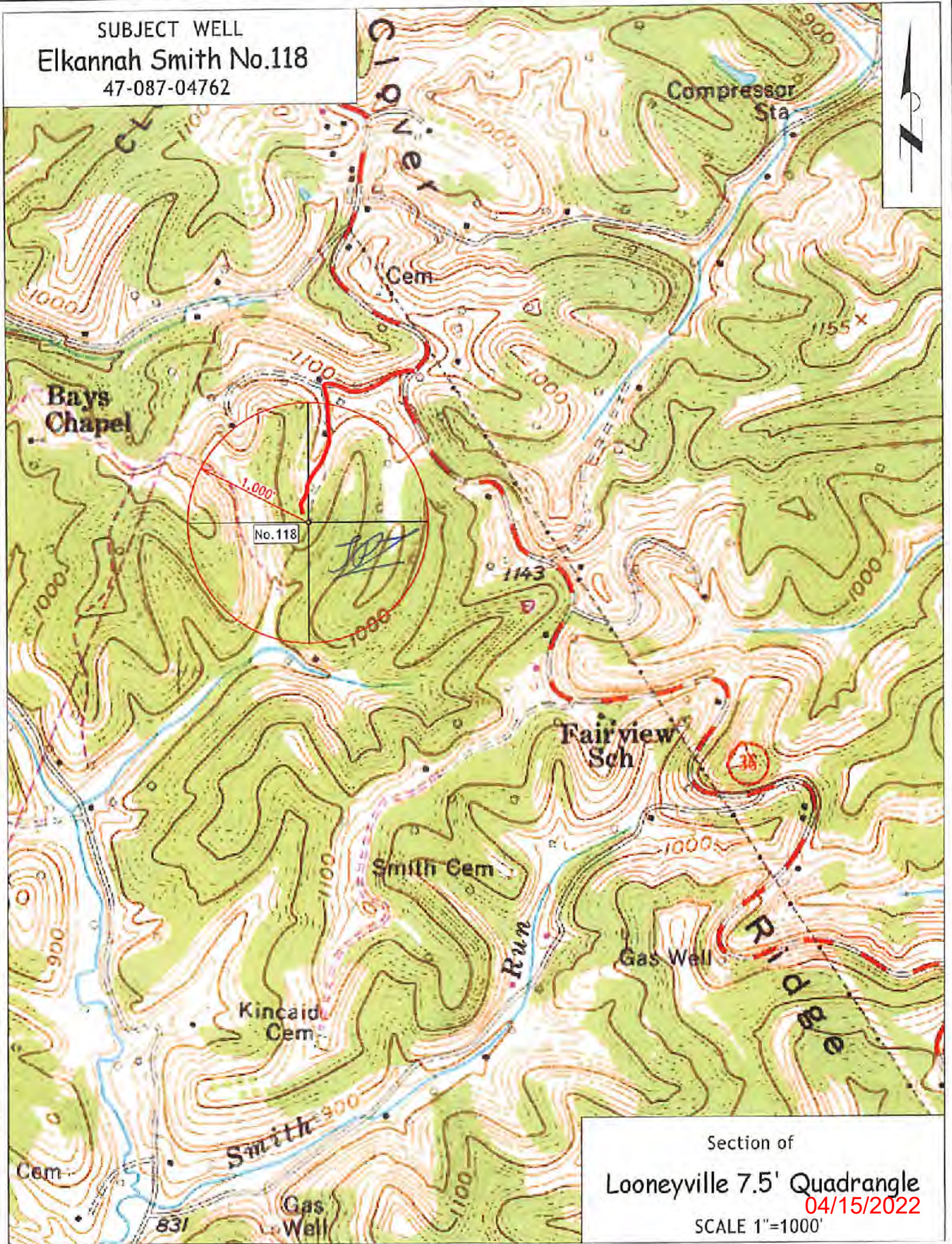
LONGITUDE 81° 15' 00"

13,902'

As Drilled Latitude = 38° 42' 42.33"

4708704762sw

SUBJECT WELL  
Elkannah Smith No.118  
47-087-04762



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