

**1 - Well Test 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.**

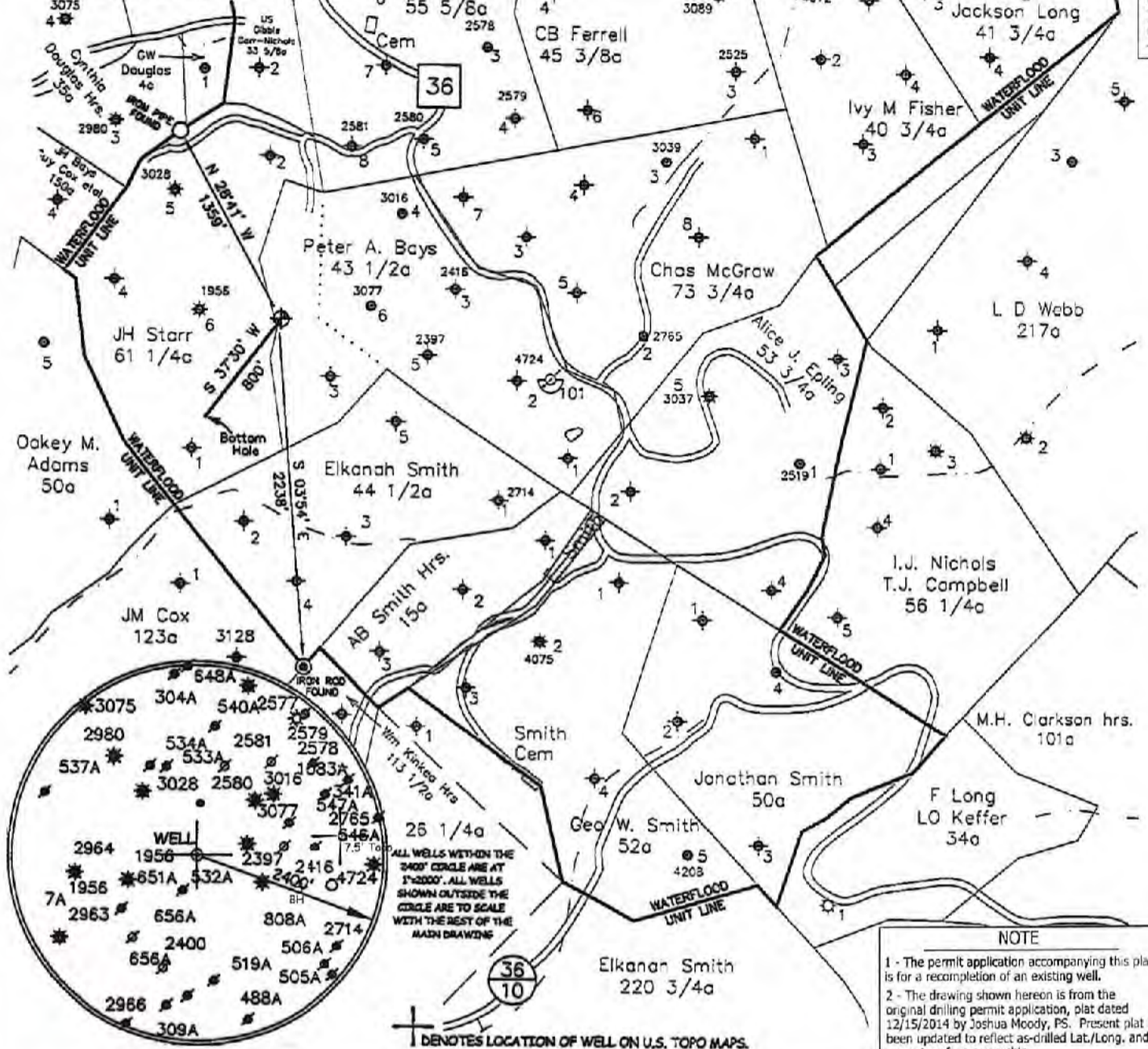
**3 - No Title Opinion was provided to the Surveyor during this survey. This survey is subject to a complete Title Opinion.**

**4 - Existing well spots from HGE or Seneca Tech, Inc. data**

**THERE POTENTIALLY APPROXIMATELY 4 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)		LOCATION REFERENCES	
Surface	N-4,284,844m. E-474,986m.	MAGNETIC BEARING S 66° W 121.7' 14" RED OAK N 31° W 153.6' 14" BLACK OAK	
Bottom Hole	N-4,284,651m. E-474,838m.		

**MAP OF  
H.G. ENERGY, LLC  
-WATERFLOOD UNIT-  
J.H. STARR 117**



**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.

⊕ 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) *[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 J.H. Starr No.117

API WELL NO. 47 - 087 - 04757

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 Wm. S. Haymond II et al. LEASE ACREAGE 104 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 2,600' MD

WELL OPERATOR HG Energy LLC. DESIGNATED AGENT Diane White

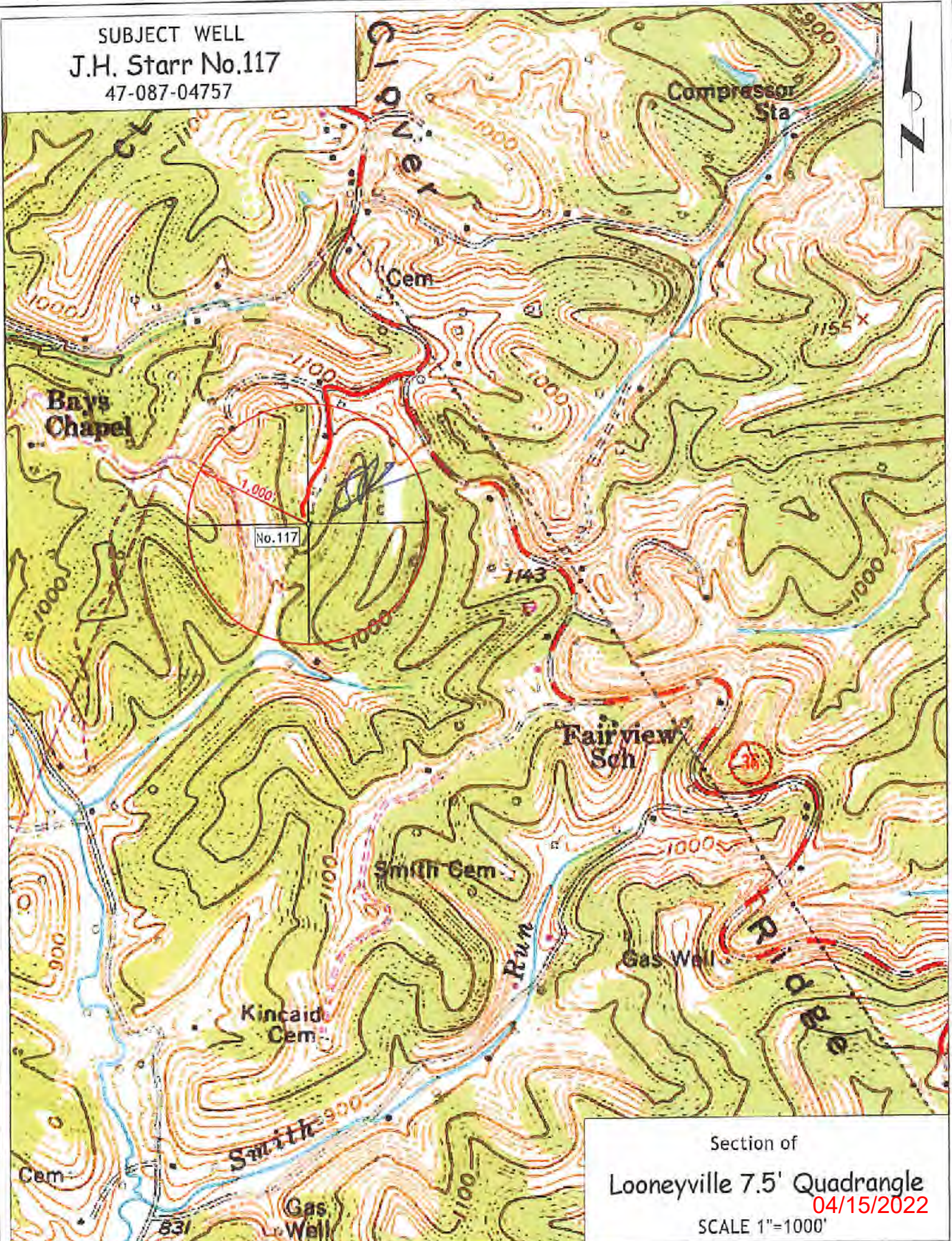
ADDRESS 5260 DuPont Road ADDRESS 5260 DuPont Road

Parkersburg, WV 26101 Parkersburg, WV 26101

04/15/2022

4708704757SW

SUBJECT WELL  
J.H. Starr No.117  
47-087-04757



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