

Longitude = 81°57' 02.14"

9,742'

LATITUDE 38° 15' 00"

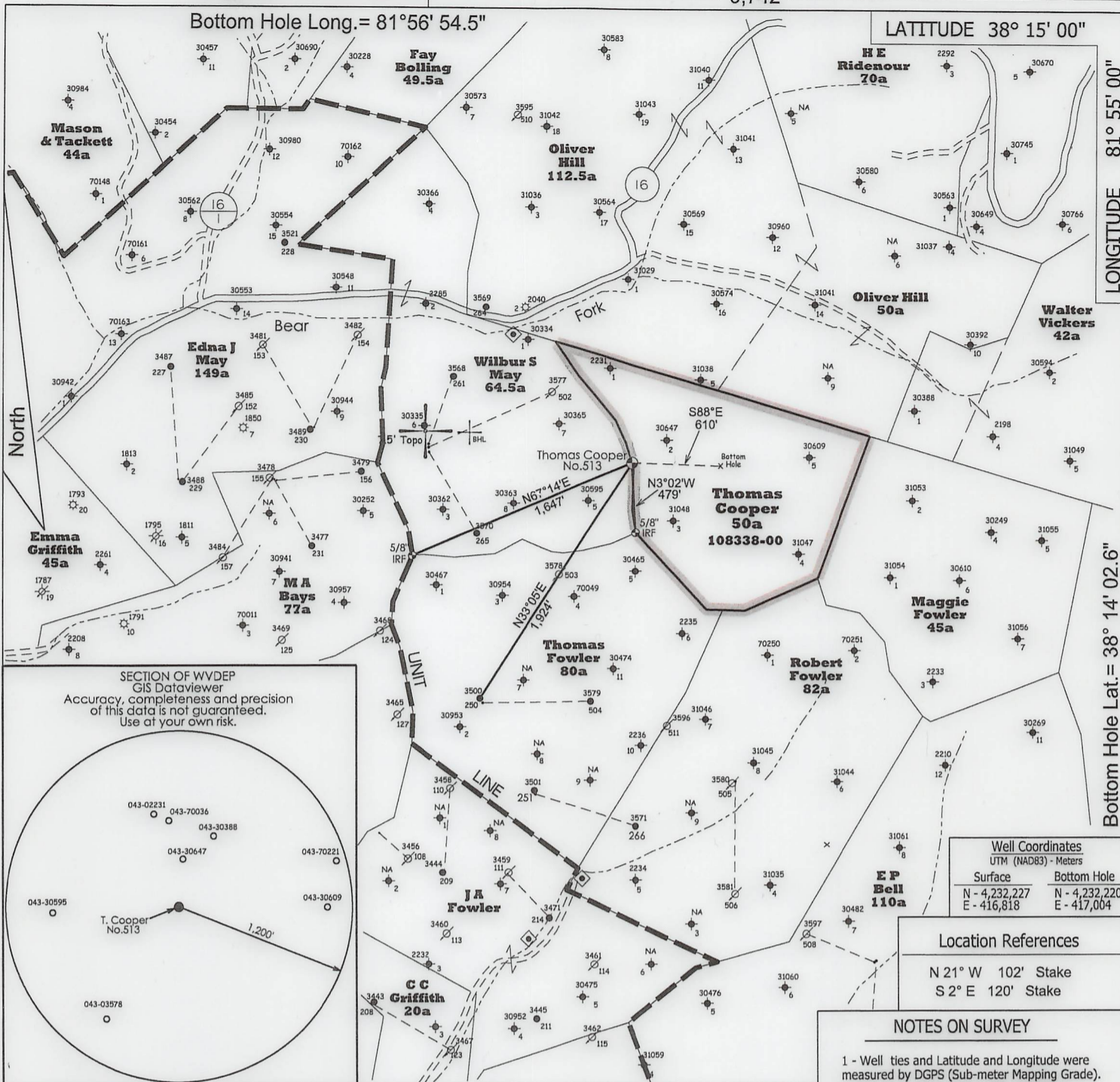
Bottom Hole Long. = 81°56' 54.5"

LONGITUDE 81° 55' 00"

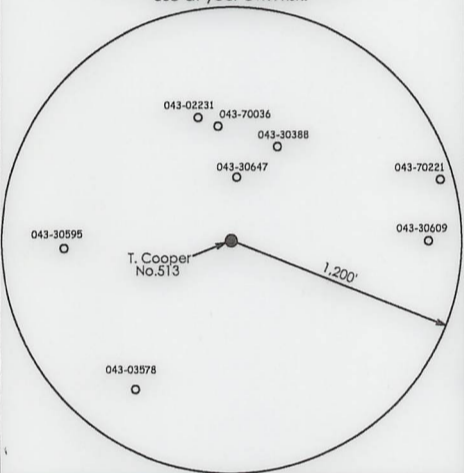
5,792'

Latitude = 38° 14' 02.75"

Bottom Hole Lat. = 38° 14' 02.6"



SECTION OF WVDEP GIS Dataviewer  
Accuracy, completeness and precision of this data is not guaranteed. Use at your own risk.



Well Coordinates UTM (NAD83) - Meters	
Surface	Bottom Hole
N - 4,232,227 E - 416,818	N - 4,232,220 E - 417,004

Location References	
N 21° W 102' Stake	
S 2° E 120' Stake	

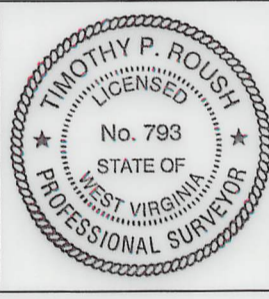
**NOTES ON SURVEY**

- 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).
- Surface owner information obtained from the Lincoln County Assessor's tax records.

- DENOTES A POSSIBLE WATER SUPPLY SOURCE LOCATED FROM CIRCA 2003 AERIAL PHOTOGRAPHY - NOT BY SURVEY. OTHER SOURCES MAY BE PRESENT.
- DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

FILE NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY Sub-Meter  
 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*  
 TIMOTHY P. ROUSH PS 793



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

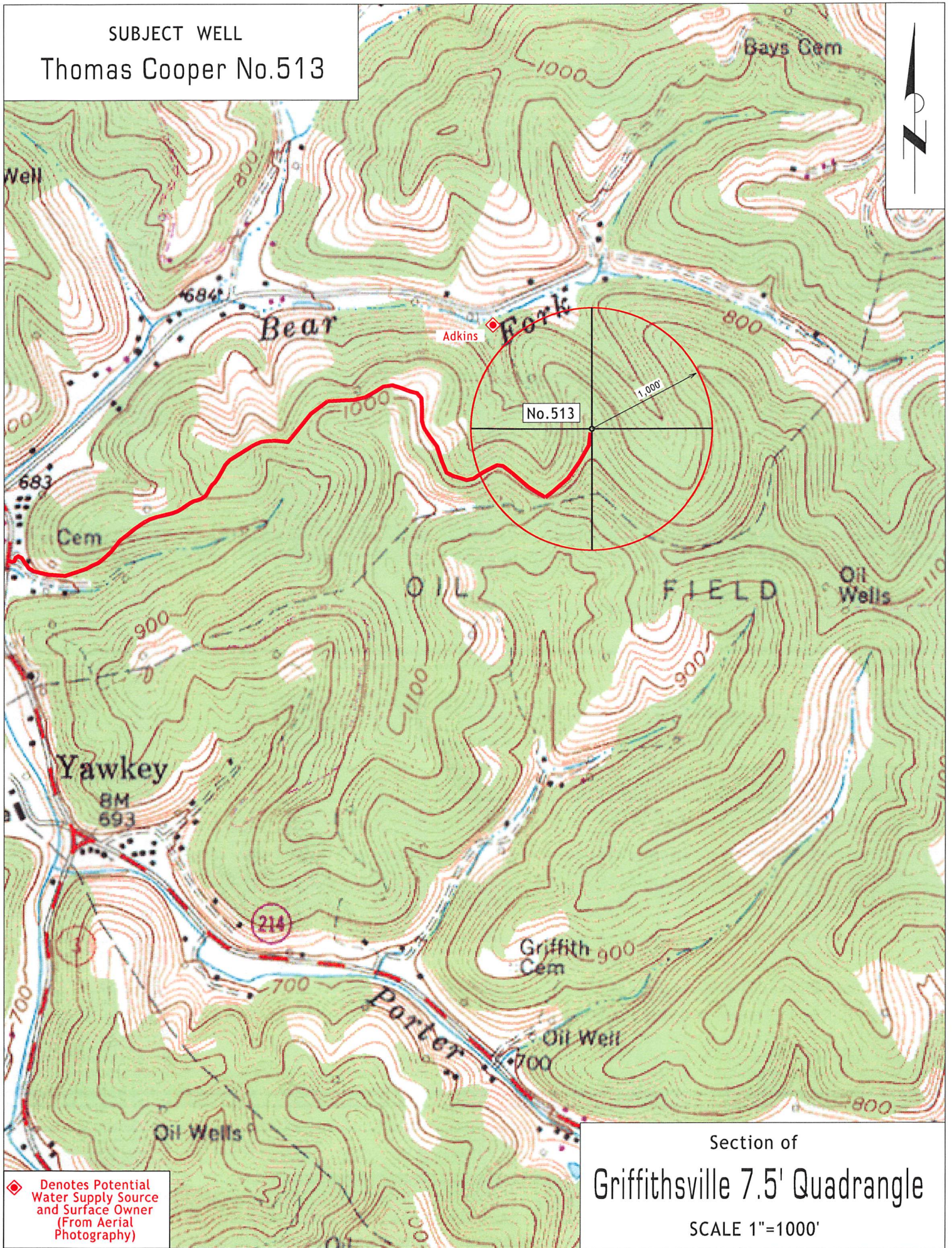
WELL TYPE: OIL \_\_\_ GAS \_\_\_ LIQUID INJECTION X WASTE DISPOSAL \_\_\_  
 (IF "GAS") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 991' WATERSHED Bear Fork  
 DISTRICT Duval COUNTY Lincoln  
 QUADRANGLE Griffithsville 7.5'  
 SURFACE OWNER David Adkins / HG Energy, LLC ACREAGE 60.25 Ac. / 50 Ac.  
 OIL & GAS ROYALTY OWNER HG Energy, LLC et al. LEASE ACREAGE 50 Ac.  
 LEASE NO. 108338-00  
 PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR  
 STIMULATE X PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW  
 FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) NOTE: This well will be drilled directionally as shown on the plat above.  
 PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION Berea ESTIMATED DEPTH 2,760' 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 January 3, 2020  
 FARM Thomas Cooper No.513  
 API WELL NO. 47 - 043 - 036035



FORM IV-6

SUBJECT WELL  
Thomas Cooper No.513



Section of  
Griffithsville 7.5' Quadrangle  
SCALE 1"=1000'

◆ Denotes Potential  
Water Supply Source  
and Surface Owner  
(From Aerial  
Photography)