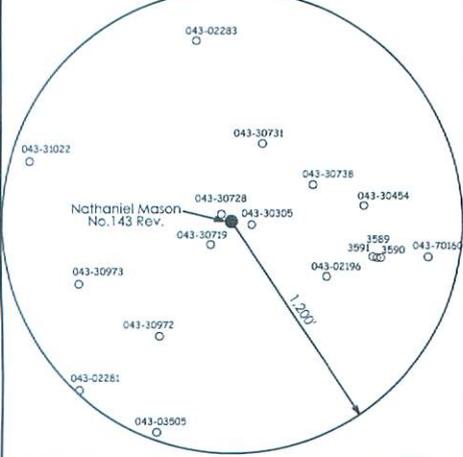


LONGITUDE 81° 57' 30"  
 4,663'  
 Bottom Hole Lat. = 38° 14' 17.3"  
 Latitude = 38° 14' 13.91"

LATITUDE 38° 15' 00"

Bottom Hole Long. = 81°58' 12.9"

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



Well Coordinates	
UTM (NAD83) - Meters	
Surface	Bottom Hole
N - 4,232,586	N - 4,232,694
E - 415,286	E - 415,104

**Location References**

(Magnetic Bearing - Slope Dist.)  
 S 87° W 66' 18" WO  
 S 3° W 216' 20" BO

**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 2016 AERIAL PHOTOGRAPHY - NOT BY SURVEY. OTHER SOURCES MAY BE PRESENT.
- ⊕ - DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

FILE NO. \_\_\_\_\_

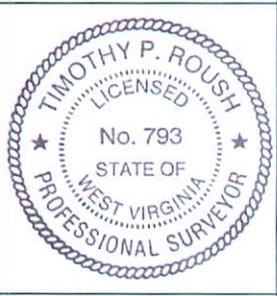
SCALE 1" = 1000'

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  WASTE DISPOSAL \_\_\_  
 (IF "GAS") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_

LOCATION: ELEVATION 915' WATERSHED Straight Fork  
 DISTRICT Duval COUNTY Lincoln  
 QUADRANGLE Griffithsville 7.5'

SURFACE OWNER \_\_\_\_\_ ACREAGE \_\_\_\_\_

OIL & GAS ROYALTY OWNER HG Energy, LLC et al. LEASE ACREAGE 72 Ac. **08/06/2021**  
 LEASE NO. 71124-50

PROPOSED WORK: DRILL  CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR  
 STIMULATE  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 2,750' MD

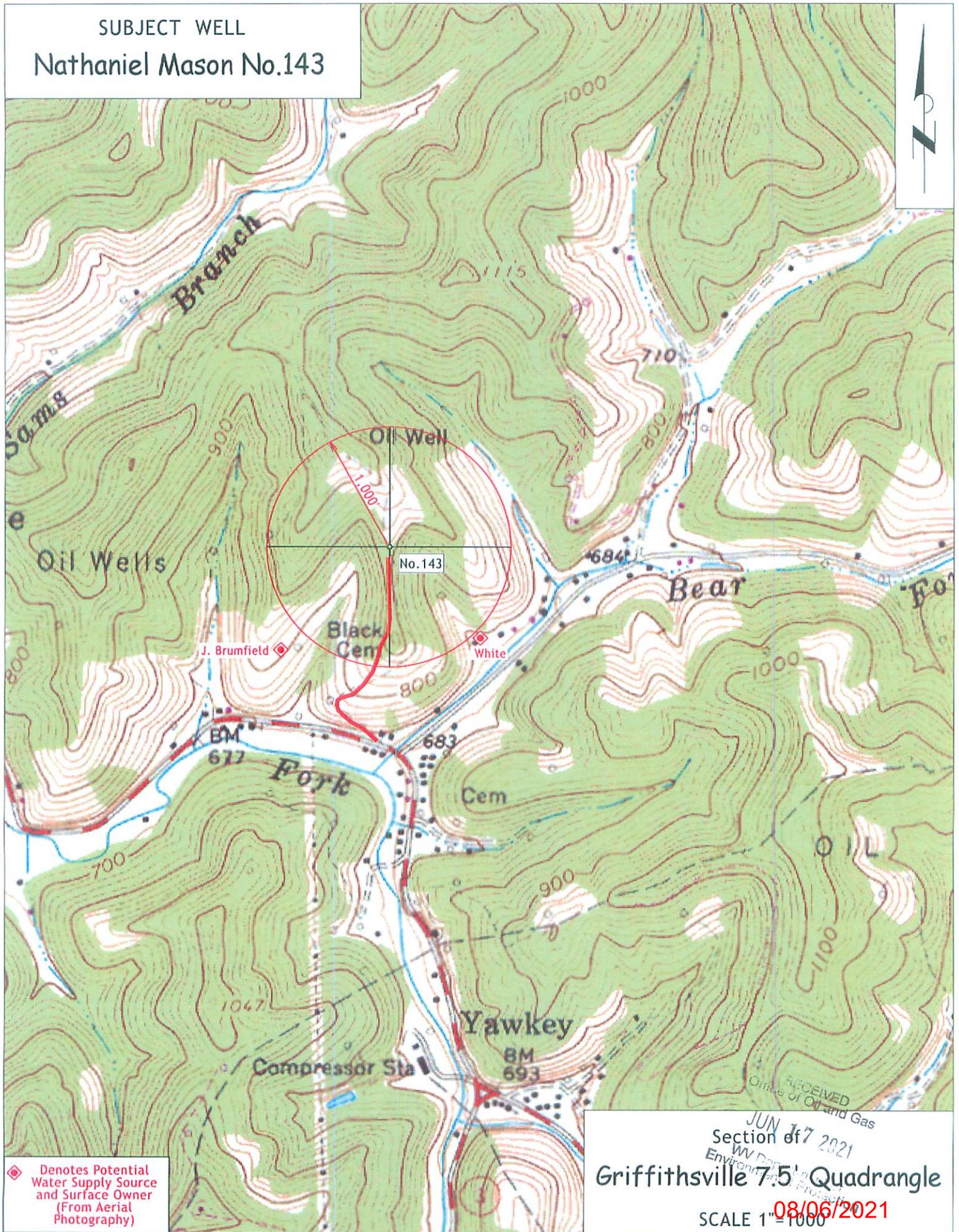
WELL OPERATOR HG Energy LLC. DESIGNATED AGENT Diane White  
 ADDRESS 5260 DuPont Road ADDRESS 5260 DuPont Road  
Parkersburg, WV 26101 Parkersburg, WV 26101

DATE June 3, 2021

FARM Nathaniel Mason 143 Rev.

API WELL NO. 47 - 043 - 03619S

SUBJECT WELL  
Nathaniel Mason No.143



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

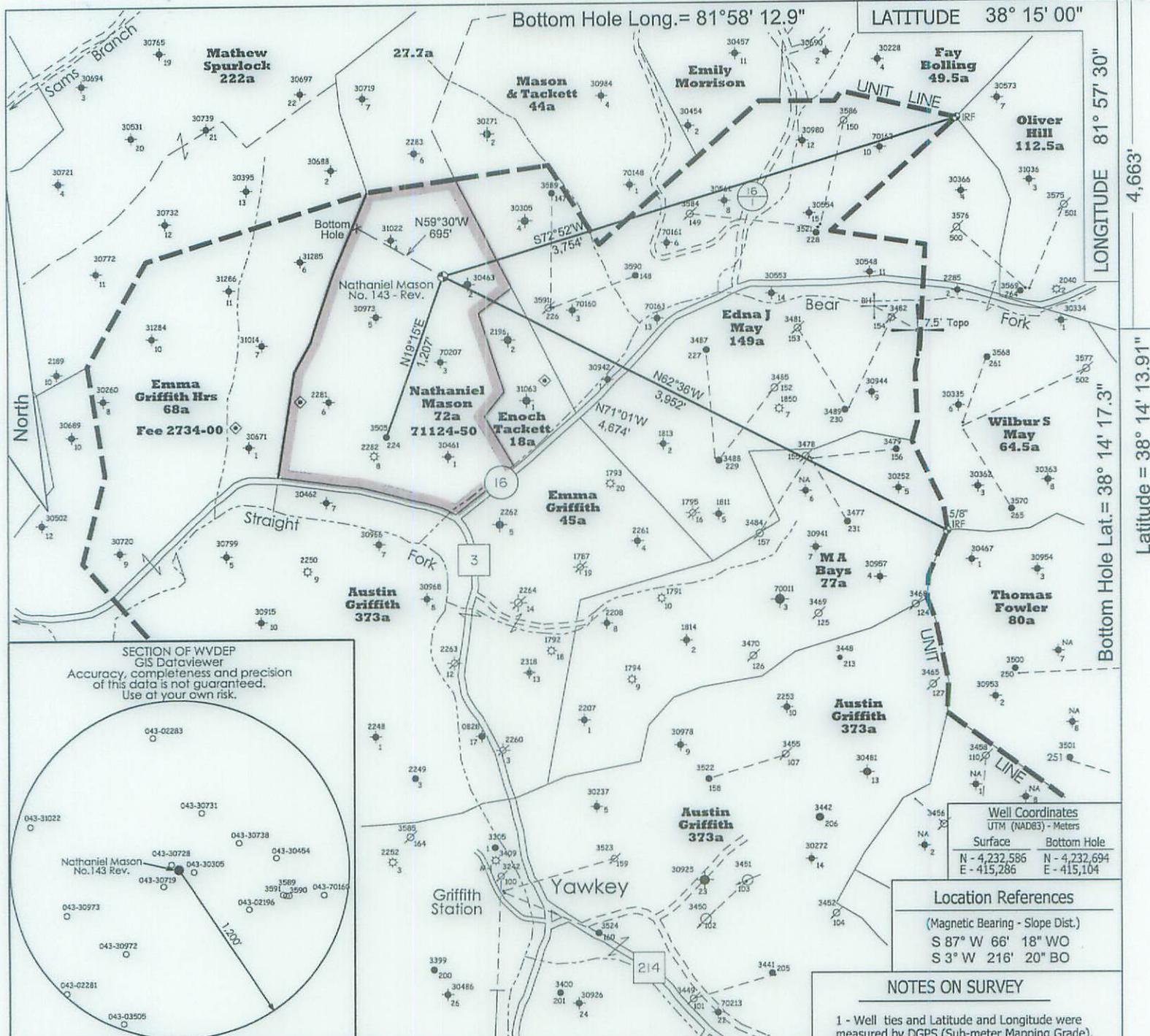
JUN 17 2021  
Section of 7  
Griffithsville 7.5' Quadrangle

SCALE 1" = 1000  
08/06/2021

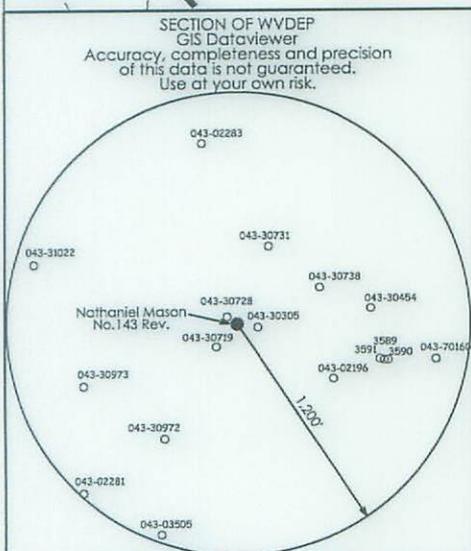
Longitude = 81°58' 05.32"

2,817'

LATITUDE 38° 15' 00"



LONGITUDE 81° 57' 30"  
 4,663'  
 Bottom Hole Lat. = 38° 14' 13.91"  
 Latitude = 38° 14' 13.91"



Well Coordinates	
UTM (NAD83) - Meters	
Surface	Bottom Hole
N - 4,232,586	N - 4,232,694
E - 415,286	E - 415,104

Location References	
(Magnetic Bearing - Slope Dist.)	
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**NOTES ON SURVEY**

- 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).
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- ⊕ - DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

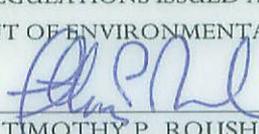
FILE NO. \_\_\_\_\_

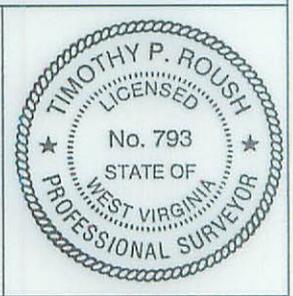
SCALE 1" = 1000'

MINIMUM DEGREE OF ACCURACY Sub-Meter

PROVEN SOURCE OF ELEVATION DGPS Survey  
(Sub-Meter Mapping Grade)

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(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 June 3, 2021

FARM Nathaniel Mason 143 Rev.

API WELL NO. 47 - 043 - 036195

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

LOCATION: ELEVATION 915' WATERSHED Straight Fork  
 DISTRICT Duval COUNTY Lincoln  
 QUADRANGLE Griffithsville 7.5'

SURFACE OWNER \_\_\_\_\_ ACREAGE \_\_\_\_\_

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 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 2,750' MD

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

FORM IV-6