

LONGITUDE 81° 57' 30"

Longitude = 81° 57' 55.66"

Latitude = 38° 15' 00"

Longitude 81° 57' 30"

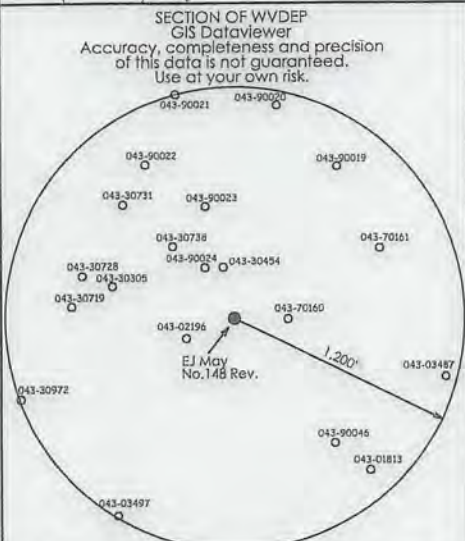
Longitude 81° 57' 30"

Latitude = 38° 14' 13.9"

Bottom Hole Lat. = 38° 14' 13.9"

Latitude = 38° 14' 11.72"

4,884'



Well Coordinates	
UTM (NAD83) - Meters	
Surface	Bottom Hole
N - 4,232,517	N - 4,232,583
E - 415,520	E - 415,691

Location References	
(Magnetic Bearing - Slope Dist.)	
N 14° E 89' 12" Pine	
S 76° E 106' 12" Pine	

**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).

2 - 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 PS 793



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



DATE September 25, 2018

FARM E.J. May No.148 Rev.

API WELL NO. 47 - 043 - 03590S

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

LOCATION: ELEVATION 840' WATERSHED Bear Fork

DISTRICT Duval COUNTY Lincoln

QUADRANGLE Griffithsville 7.5'

SURFACE OWNER Judy R. Smith ACREAGE 21.88 Ac.

OIL & GAS ROYALTY OWNER HG Energy, LLC et al. LEASE ACREAGE 149 Ac.

LEASE NO. 80221-50

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 2,625' 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

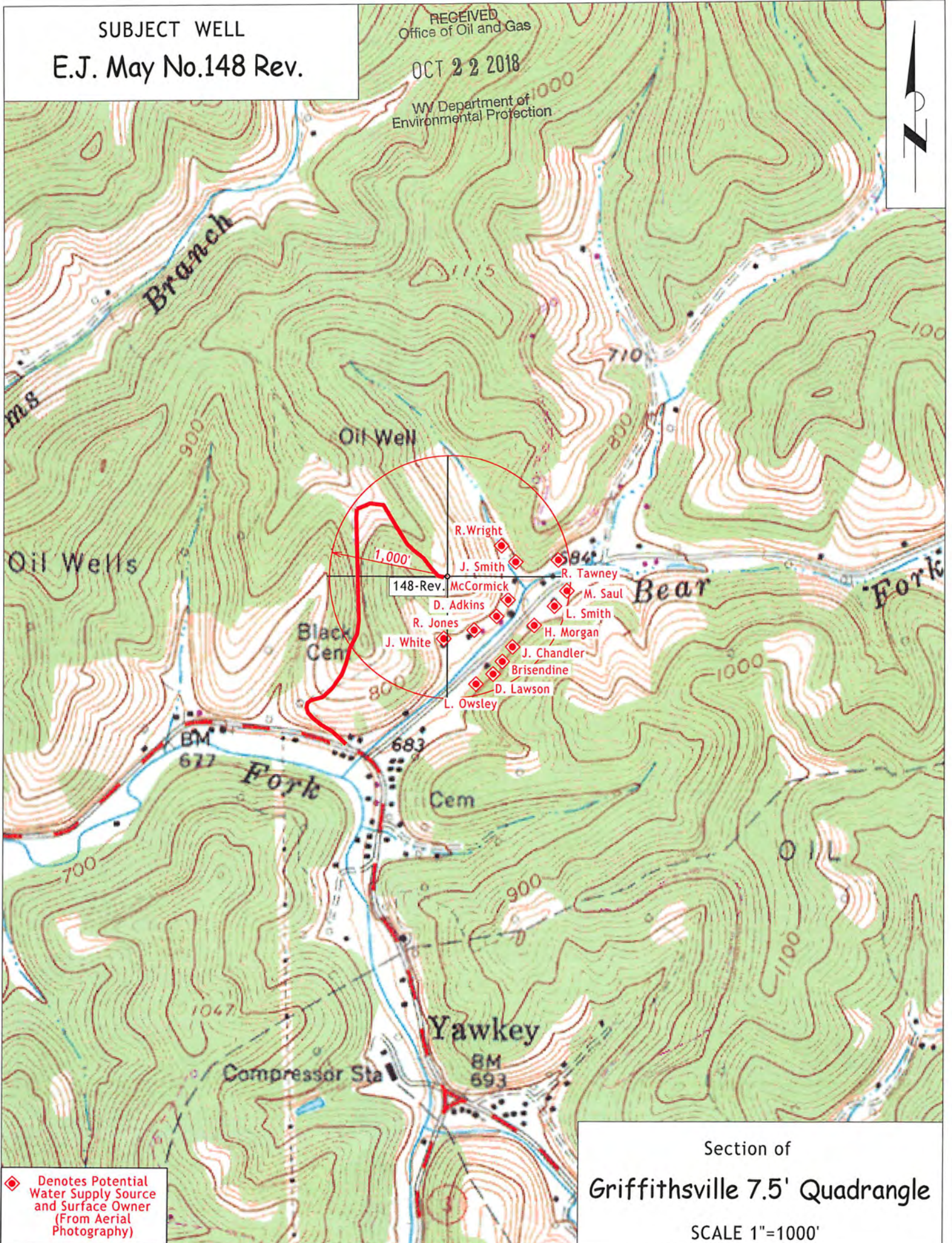


SUBJECT WELL  
E.J. May No.148 Rev.

RECEIVED  
Office of Oil and Gas

OCT 22 2018

WV Department of  
Environmental Protection



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

Section of  
Griffithsville 7.5' Quadrangle

SCALE 1"=1000'