

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 - Latitude/Longitude shown are NAD 1927 values.
- 3 - 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. 1168

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) *[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 November 18, 2015

FARM J.M. Grass No.233

API WELL NO. 47 - 043 - 03561

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL

(IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION 815' WATERSHED Straight Fork

DISTRICT Duval COUNTY Lincoln

QUADRANGLE Griffithville 7.5'

SURFACE OWNER H.G. Energy LLC. ACREAGE 47.88 Ac.

OIL & GAS ROYALTY OWNER HG Energy, LLC., et al LEASE ACREAGE 100 Ac. 01/29/2016

LEASE NO. 71128-50

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

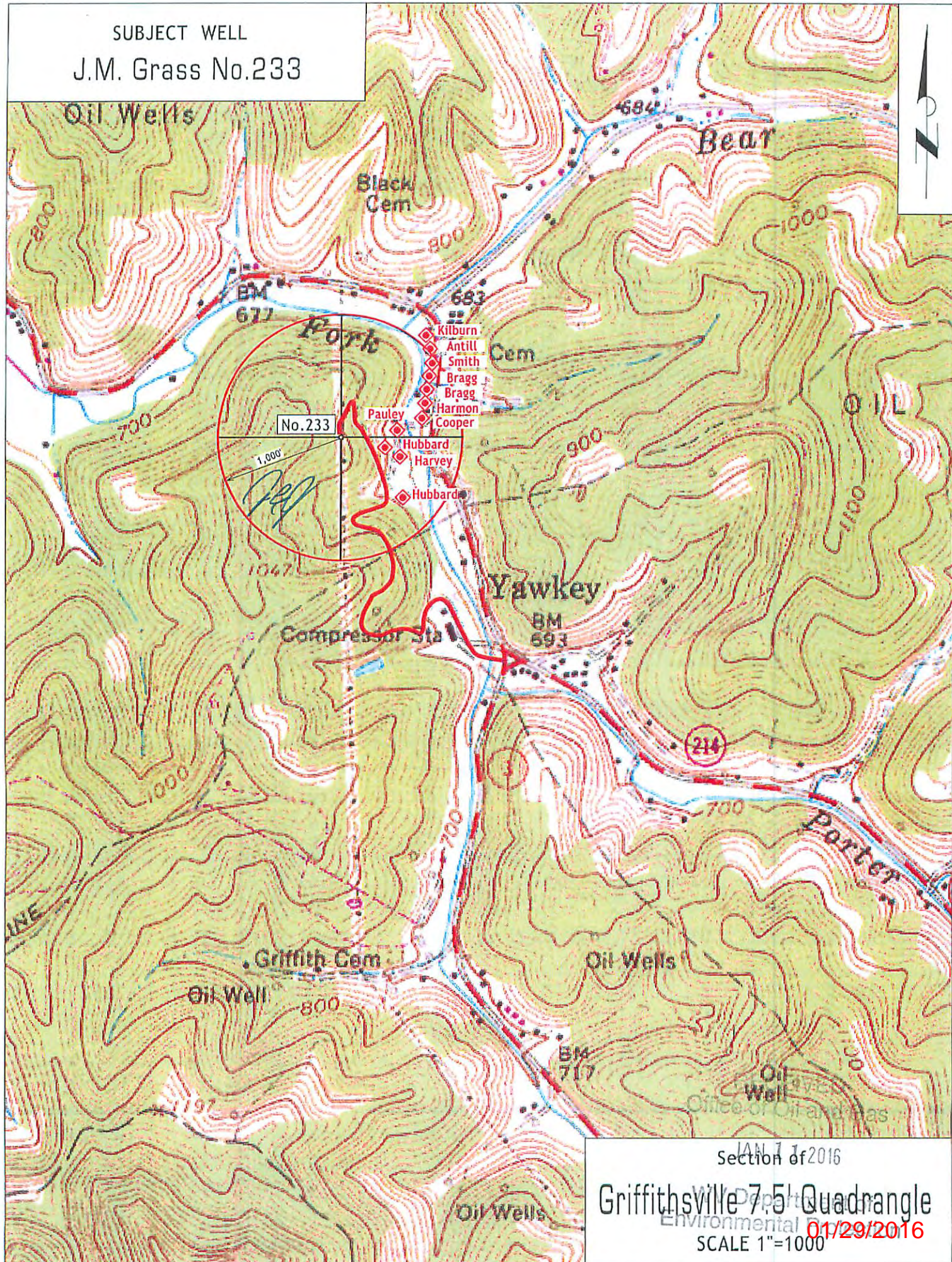
TARGET FORMATION Berea ESTIMATED DEPTH 2,938' MD

WELL OPERATOR HG Energy LLC. DESIGNATED AGENT Diane White

ADDRESS 5260 DuPont Road Parkersburg, WV 26101 ADDRESS 5260 DuPont Road Parkersburg, WV 26101

RECEIVED  
Office of Oil and Gas  
JAN 11 2016  
WV Department of Environmental Protection

SUBJECT WELL  
J.M. Grass No.233



Section of 2016  
 Griffithsville 7.5' Quadrangle  
 Environmental 01/29/2016  
 SCALE 1"=1000'