

SURVEY NOTES
 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 1983).
 2 - Surface owners and adjacent information obtained from the Lincoln 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.

UTM Coordinates (Zone 17N-NAD 1983)	
Surface	N-4,232,189m. E-415,866m.
Bottom Hole	N-4,232,331m. E-415,973m.

LOCATION REFERENCES	
MAGNETIC BEARING	
S 50° E 164' 50" B	W.O.
S 18° W 81' 50" 4"	GUM

LAT:38°15'00"
MAP OF
H.G. ENERGY, LLC
-WATERFLOOD UNIT-
EDNA MAY 152
 LON:81°57'30" 5945'
 LAT:38°14'01.2" (BOTTOM HOLE: LAT:38°14'05.9")

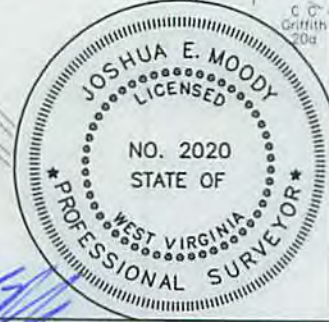


JOB # 14-023
 DRAWING # 15HG LC FOLDER
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEV. MAPPING GRADE GPS

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 PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
MOODY LAND SURVEYING, LLC
 ST. MARYS, WV 26170



JOSHUA E. MOODY, P.S. 2020
 DATE 3/20/15
 OPERATOR'S WELL EDNA MAY # 152

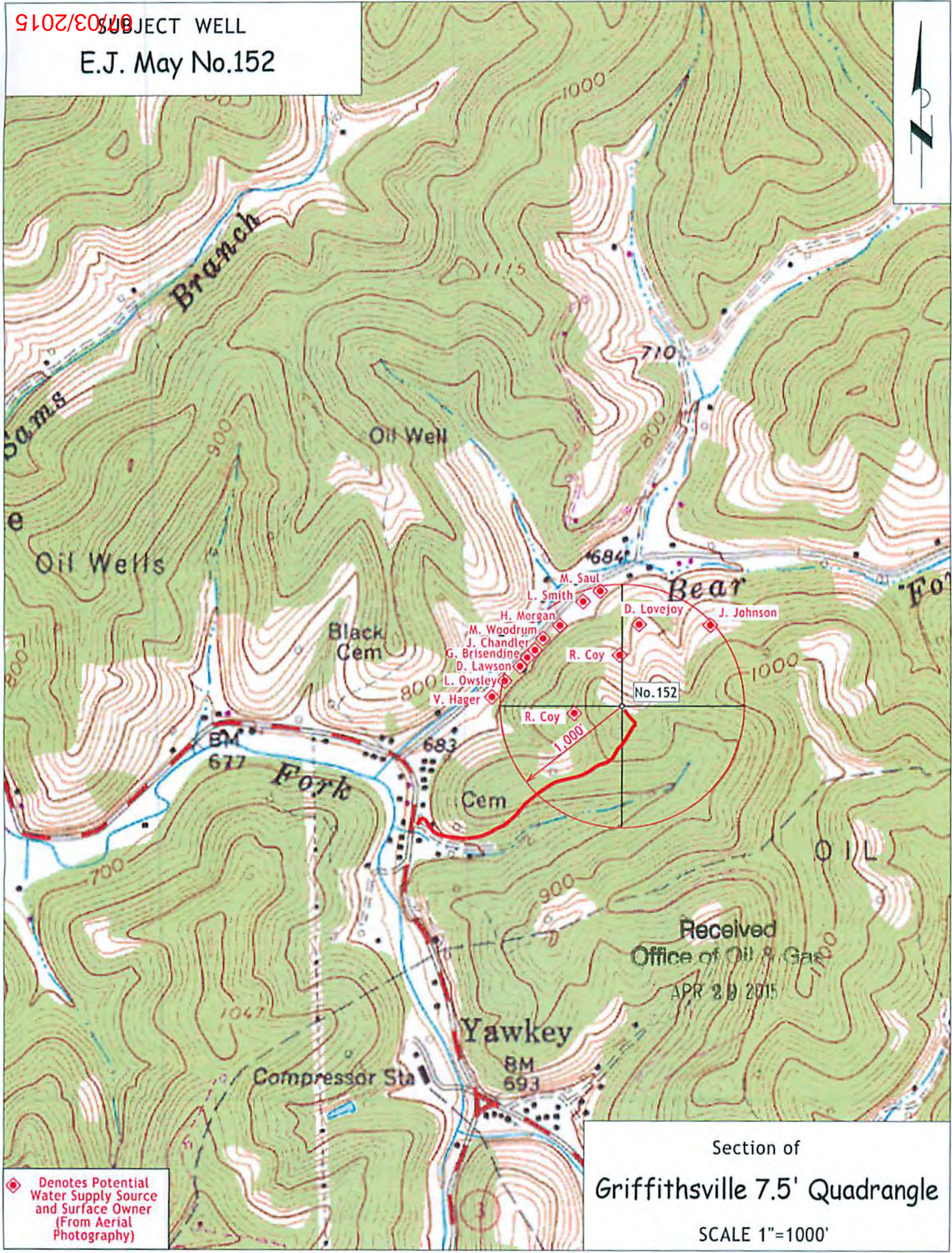
WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL HORIZONTAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 960' WATERSHED BEAR FORK API WELL # 47-043-03485S
 DISTRICT DUVAL COUNTY LINCOLN STATE 47 COUNTY 043 PERMIT 03485S
 QUADRANGLE GRIFFITHSVILLE 7.5'

SURFACE OWNER RANDALL & PATRICIA COY ACREAGE 21.55 ACRES +/-
 OIL & GAS ROYALTY OWNER HG ENERGY, LLC ET AL LEASE ACREAGE 149 ACRES +/-
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION
 OTHER PHYSICAL CHANGE IN WELL (SPECIFY) WELL WILL BE DRILLED DIRECTIONALLY (N 37°00' E 585')
 PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION BEREA
 WELL OPERATOR H.G. ENERGY, LLC ESTIMATED DEPTH TVD=2,605' MD=3,146'
 ADDRESS 5260 DuPONT ROAD DESIGNATED AGENT D. WHITE
PARKERSBURG, WV 26101 ADDRESS 5260 DuPONT ROAD
PARKERSBURG, WV 26101

07/03/2015

PROJECT WELL
E.J. May No.152



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

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