

(BOT. HL: LON:-81°56'59.0")

LON:-81°57'06.2"

10070'

LAT:38°15'00"

LON:81°55'00"

10760'

LAT:38°13'13.6"

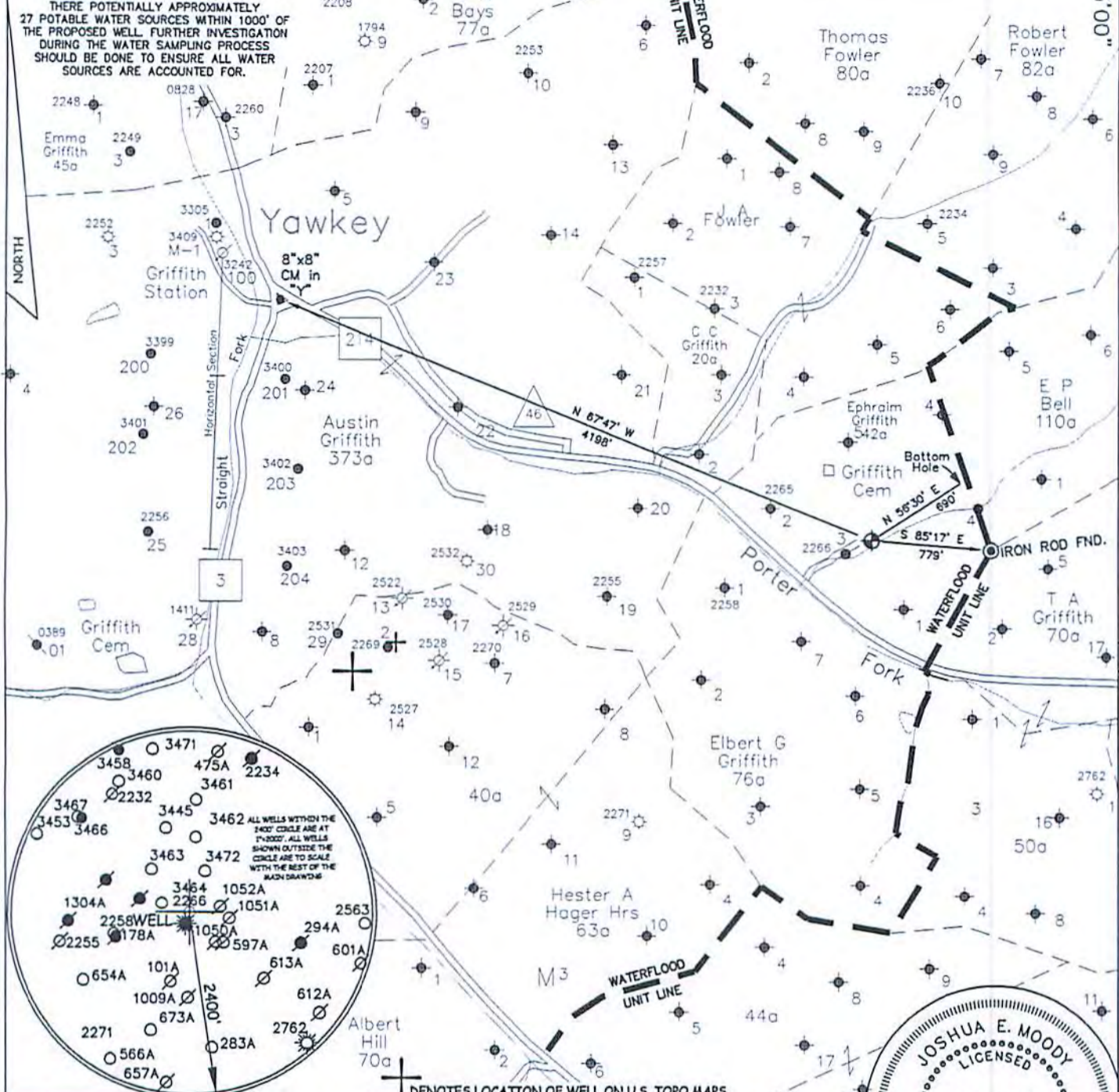
(BOTTOM HOLE: LAT:38°13'17.4")

- 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.
 - 4 - Existing well spots from HGE or Seneca Tech, Inc. data

UTM Coordinates (Zone 17N-NAD 1983)	
Surface	N-4,230,713m. E-416,705m.
Bottom Hole	N-4,230,830m. E-416,880m.

LOCATION REFERENCES	
MAGNETIC BEARING	N 02° E 57' SD DROP POLE
	N 59° W 57' SD POWER POLE

**MAP OF
H.G. ENERGY, LLC
-WATERFLOOD UNIT-
EPHRAIM GRIFFITH 132**



⊕ DENOTES LOCATION OF WELL ON U.S. TOPO MAPS.

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

WEST VIRGINIA DEPARTMENT
OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

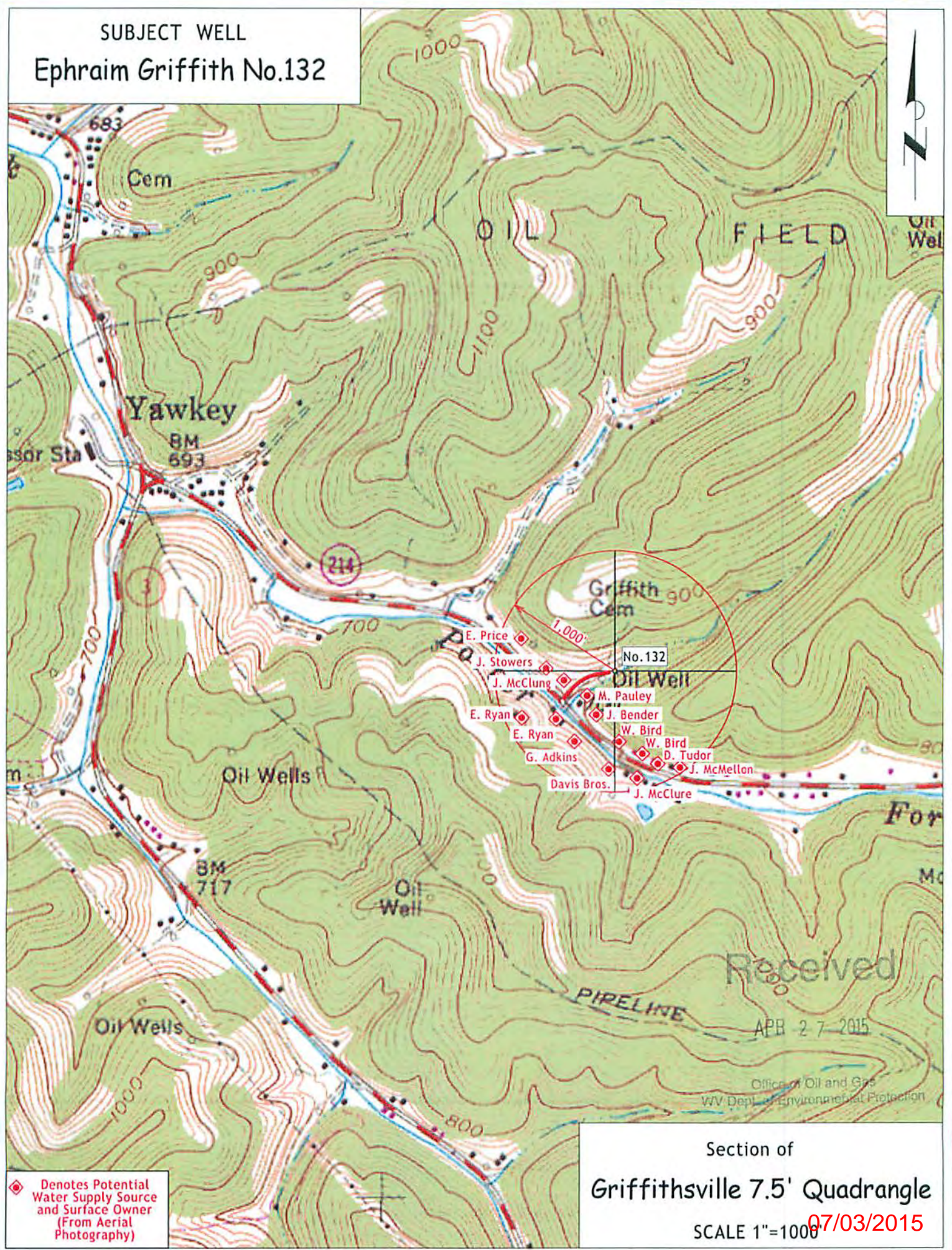
DATE 3/10/15
OPERATOR'S WELL
EPHRAIM GRIFFITH # 132

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL HORIZONTAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 725' WATERSHED PORTER FORK API WELL # 47 - 043 - 03483S
 DISTRICT DUVAL COUNTY LINCOLN STATE COUNTY PERMIT
 QUADRANGLE GRIFFITHSVILLE 7.5'

SURFACE OWNER JASON & ASHLEY BENDER ACREAGE 152.13 ACRES +/-
 OIL & GAS ROYALTY OWNER HG ENERGY, LLC ET AL LEASE ACREAGE 42 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 56°30' E 690')
 PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION BEREA ESTIMATED DEPTH TVD=2,370' MD=2,942'
 WELL OPERATOR H.G. ENERGY, LLC DESIGNATED AGENT D. WHITE
 ADDRESS 5260 DuPONT ROAD ADDRESS 5260 DuPONT ROAD
 PARKERSBURG, WV 26101 PARKERSBURG, WV 26101

07/03/2015

SUBJECT WELL
Ephraim Griffith No.132



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

Received
APR 27 2015

Office of Oil and Gas
WV Dept. of Environmental Protection

Section of
Griffithville 7.5' Quadrangle

SCALE 1"=1000' 07/03/2015