

4303498

LON: -81°58'05.6" 2840'

LAT: 38°15'00"

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 1927).

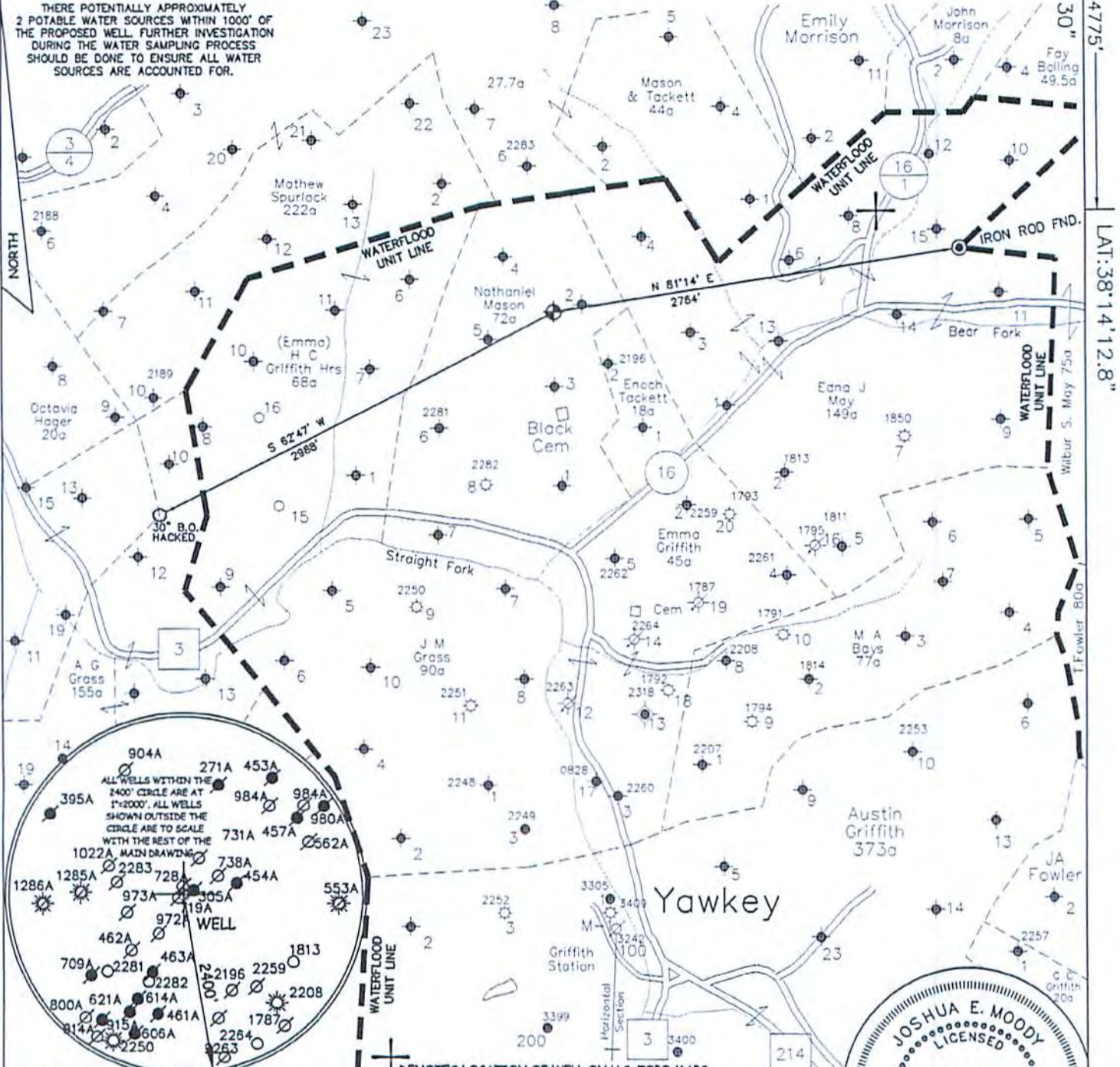
2 - Surface owners and adjacent information obtained from the Lincoln County Assessor's tax records.

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-4,232,553m. E-415,279m. |

| LOCATION REFERENCES | |
|---------------------|----------|
| MAGNETIC BEARING | |
| S 46° W 90.2' | 10° R.O. |
| N 38° W 117.4' | 6° W.O. |

**MAP OF
H.G. ENERGY, LLC
-WATERFLOOD UNIT-
NATHANIEL MASON 223**



THERE POTENTIALLY APPROXIMATELY 2 POTABLE WATER SOURCES WITHIN 1000' OF THE PROPOSED WELL. FURTHER INVESTIGATION DURING THE WATER SAMPLING PROCESS SHOULD BE DONE TO ENSURE ALL WATER SOURCES ARE ACCOUNTED FOR.



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
Office of Oil and Gas
DATE 3/10/15
OPERATOR'S WELL # 2015
NATHANIEL MASON # 223

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 910' WATERSHED STRAIGHT & BEAR FORK DISTRICT DUVAL COUNTY LINCOLN QUADRANGLE GRIFFITHSVILLE 7.5'

SURFACE OWNER JOSHUA D. BRUMFIELD & ARTHUR WHITE, ETAL ACREAGE 42.72 AC.+/- & 22.26 AC.+/-
OIL & GAS ROYALTY OWNER HG ENERGY, LLC ET AL LEASE ACREAGE 80 ACRES +/-

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION

OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

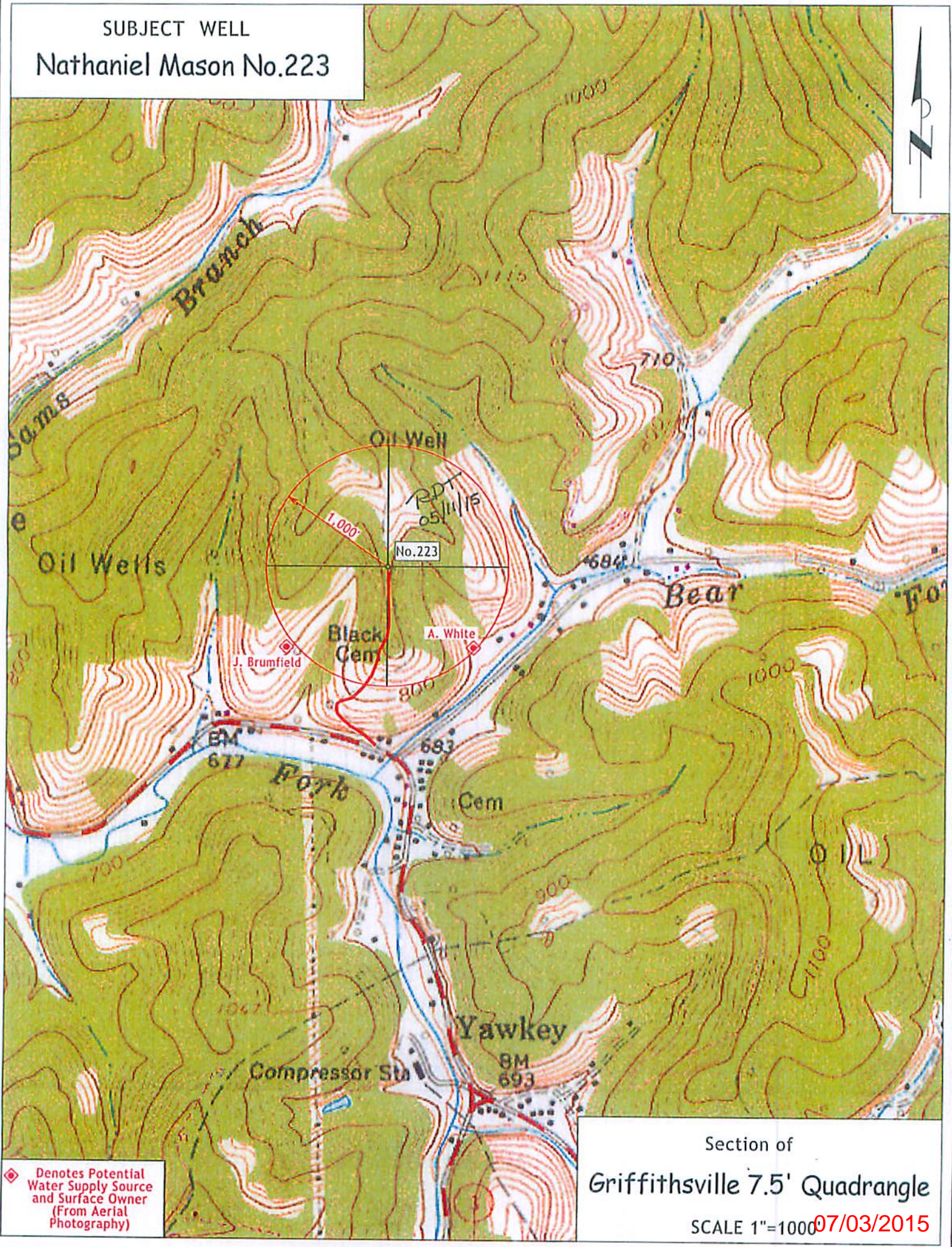
PLUG & ABANDON CLEAN OUT & REPLUG

TARGET FORMATION BEREA ESTIMATED DEPTH TVD=2,565'

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
Nathaniel Mason No.223



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

Section of
Griffithsville 7.5' Quadrangle

SCALE 1"=1000 07/03/2015