

(BOT. HL: LON:-81°57'32.9") LON: -81°57'31.9" 155'

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

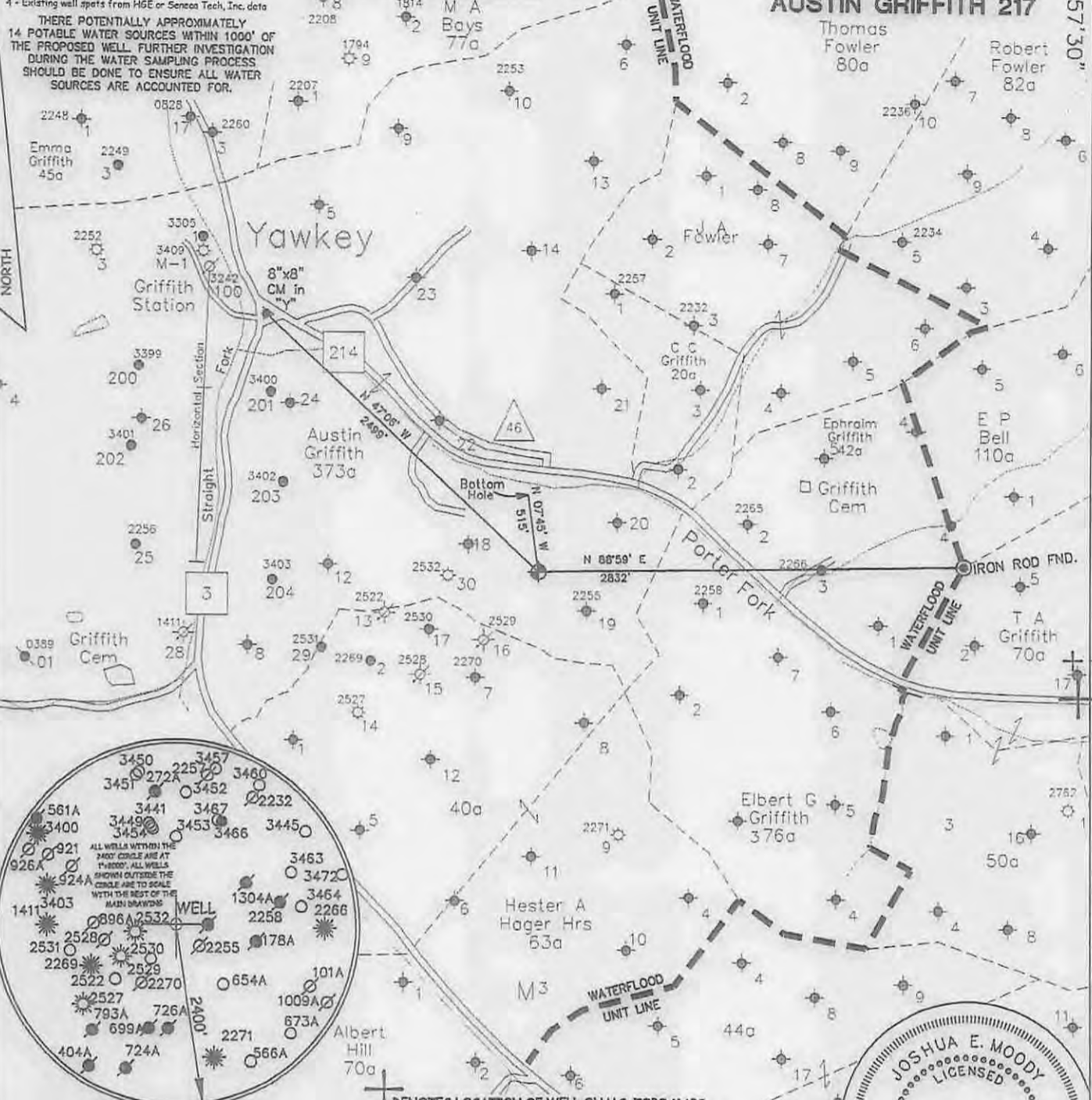
SURVEY NOTES

UTM Coordinates (Zone 17N-NAD 1983)	
Surface	N-4,230,679m. E-416,078m.
Bottom Hole	N-4,230,834m. E-416,057m.

LOCATION REFERENCES	
MAGNETIC BEARING N 30° W 109.9' 24" DEAD W.O. N 42° E 116.4' 8" PINE	

LAT:38°15'00"

MAP OF H.G. ENERGY, LLC -WATERFLOOD UNIT- AUSTIN GRIFFITH 217



10895' LAT:38°13'12.3" (BOTTOM HOLE: LAT:38°13'17.3")

JOB # 14-023
 DRAWING # 15HC 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



WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

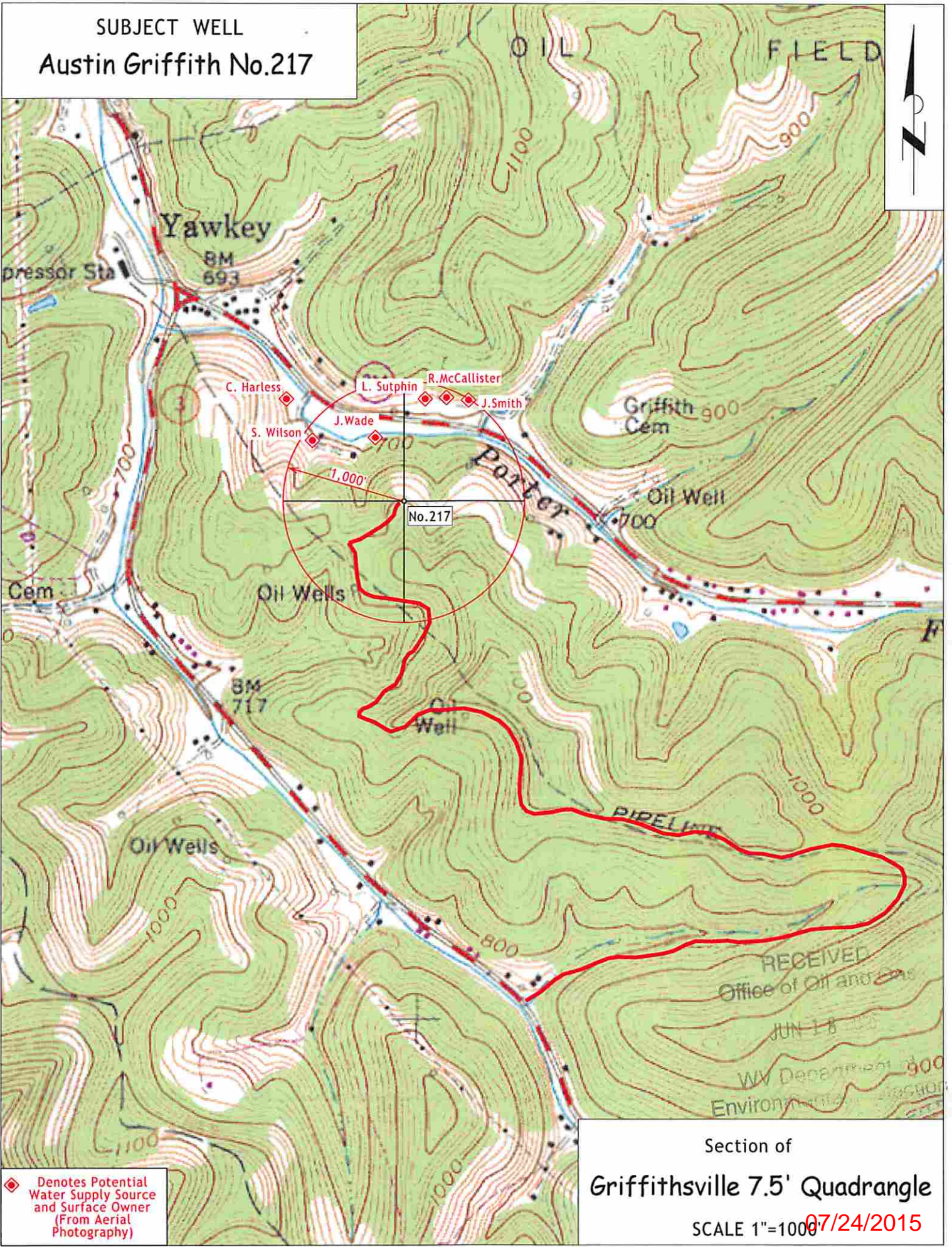
JOSHUA E. MOODY, P.S. 2020
 DATE 3/10/15
 OPERATOR'S WELL
 AUSTIN GRIFFITH # 217

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL HORIZONTAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 895' WATERSHED PORTER FORK API WELL # 47-043-03513
 DISTRICT DUVAL COUNTY LINCOLN STATE 47 COUNTY 043 PERMIT 03513
 QUADRANGLE GRIFFITHSVILLE 7.5'

SURFACE OWNER JERRY & SHARON WADE ACREAGE 32.32 ACRES +/-
 OIL & GAS ROYALTY OWNER HG ENERGY, LLC ET AL LEASE ACREAGE 375 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 07°45' W 515')
 PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION BEREA ESTIMATED DEPTH TVD=2,380' MD=2,919'
 WELL OPERATOR H.G. ENERGY, LLC DESIGNATED AGENT D. WHITE
 ADDRESS 5260 DuPONT ROAD ADDRESS 5260 DuPONT ROAD
PARKERSBURG, WV 26101 PARKERSBURG, WV 26101

07/24/2015

SUBJECT WELL
Austin Griffith No.217



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

Section of
Griffithsville 7.5' Quadrangle
SCALE 1"=1000' 07/24/2015

RECEIVED
Office of Oil and Gas
JUN 18 2015
WV Department of Environmental Protection