

Well Coordinates	
UTM (NAD83) - Meters	
Surface	Bottom Hole
N - 4,231,254	N - 4,231,132
E - 415,411	E - 415,655

Location References	
(Magnetic Bearing - Slope Dist.)	
N3°W 130'	Griffith WSW
N73°E 87' 2"	Vent Pipe

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 - 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. 273

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)  **TIMOTHY P. ROUSH PS 793**



WEST VIRGINIA
Division of Environmental Protection
Office of Oil and Gas
601 57th Street
Charleston, West Virginia 25301



DATE July 2, 2015

FARM Austin Griffith No.160

API WELL NO. 47 - 043 - 03524 S

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 688' WATERSHED Straight Fork
DISTRICT Duval COUNTY Lincoln
QUADRANGLE Griffithsville 7.5'

SURFACE OWNER H.G. Energy, LLC ACREAGE 17.71 Ac.
OIL & GAS ROYALTY OWNER HG Energy, LLC, et al LEASE ACREAGE 375 Ac. **08/28/2015**
LEASE NO. 56489-50

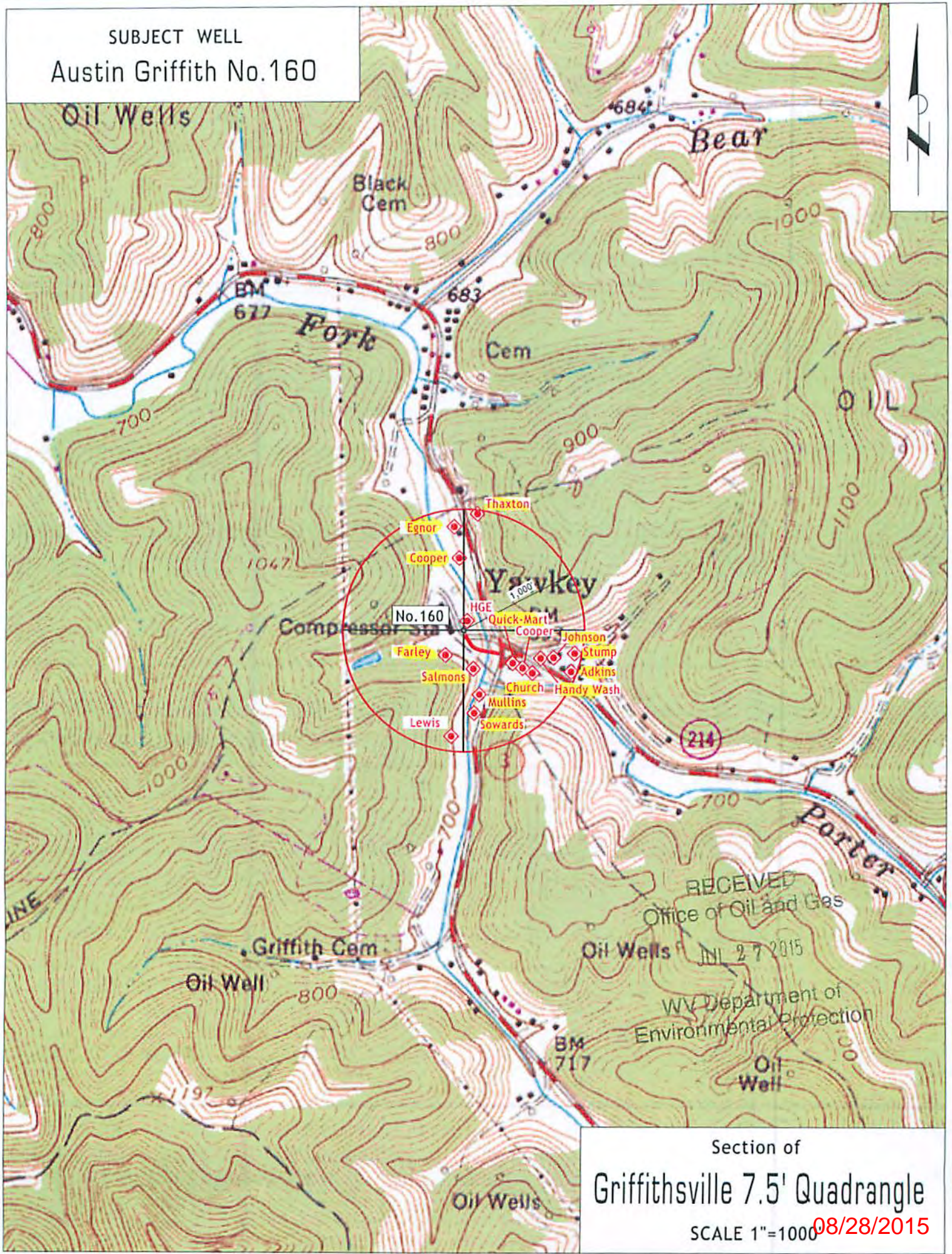
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG

TARGET FORMATION Berea ESTIMATED DEPTH 2,993'

WELL OPERATOR HG Energy LLC. DESIGNATED AGENT Diane White
ADDRESS 5260 DuPont Road Parkersburg, WV 26101 ADDRESS 5260 DuPont Road Parkersburg, WV 26101

SUBJECT WELL
Austin Griffith No.160



Section of
Griffithsville 7.5' Quadrangle

SCALE 1"=1000' 08/28/2015

RECEIVED
Office of Oil and Gas
JUL 27 2015
WV Department of
Environmental Protection