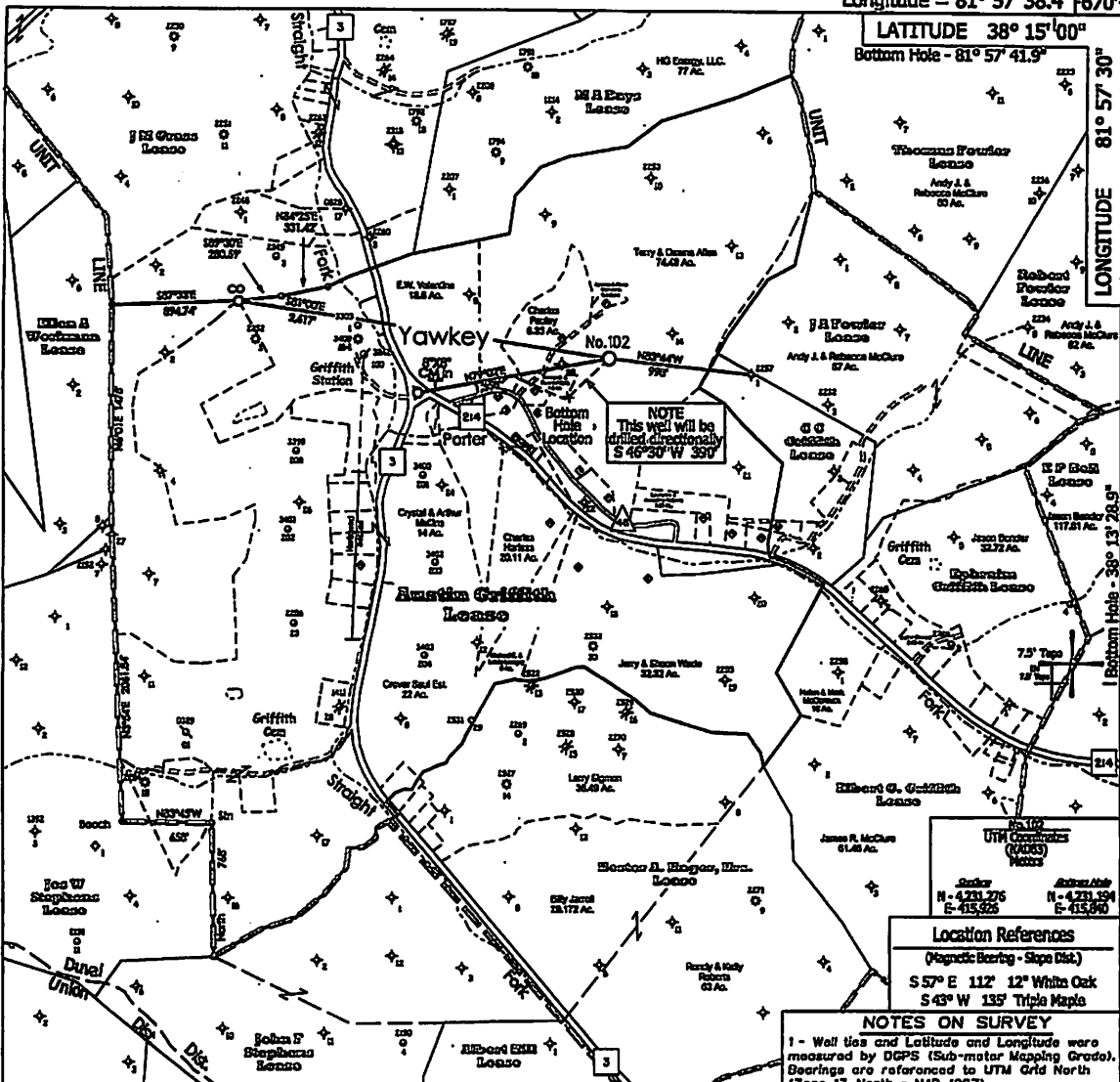


Longitude = 81° 57' 38.4" W 670'

LATITUDE 38° 15' 00"  
Bottom Hole - 81° 57' 41.9"

LONGITUDE 81° 57' 30"  
8,940'  
Longitude = 81° 57' 31.6"  
Latitude = 38° 13' 29.9"



No. 102  
UTM Coordinates  
(NAD83)  
Zone 18N  
Center  
N - 4,231,276  
E - 415,926  
Corner  
N - 4,231,194  
E - 415,940

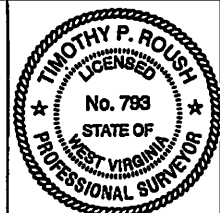
Location References  
(Magnetic Bearing - Slope Dist.)  
S 57° E 112' 12" White Oak  
S 43° W 135' Triple Maps

NOTES ON SURVEY  
1 - Well Use 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 - Lease Description From Surveys by Curtis A. Lucas, 1981 & Bruce Hager, 2003.  
3 - 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. 1046-86  
MAP NO. N S E W  
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 MINES.  
(SIGNED) [Signature]  
TIMOTHY P. ROUSH PS 793



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



DATE February 4, 2013  
FARM Austin Griffith No. 102  
API WELL NO. 47-043-03450S

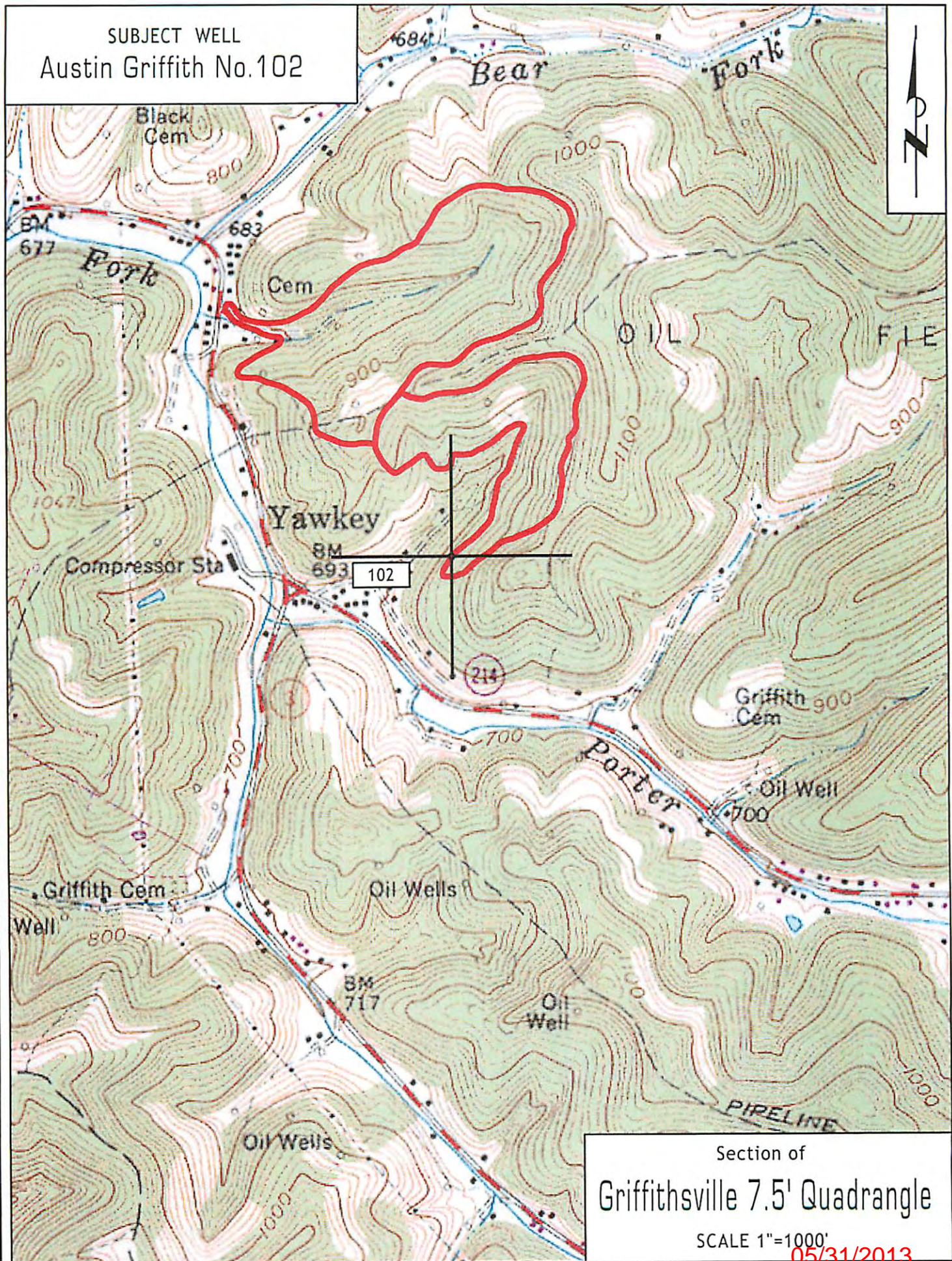
WELL TYPE: OIL \_\_\_ GAS \_\_\_ LIQUID INJECTION X WASTE DISPOSAL \_\_\_  
(IF "GAS" PRODUCTION) STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
LOCATION: ELEVATION 861' WATERSHED Porter Fork  
DISTRICT Duval COUNTY Lincoln  
QUADRANGLE Griffithville 7.B'  
SURFACE OWNER Terry & Dawn Allen ACREAGE 74.49 Ac.  
OIL & GAS ROYALTY OWNER HG Energy, LLC, et al LEASE ACREAGE 375 Ac.  
LEASE NO. 56489-50  
PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR  
STIMULATE X PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW  
FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_  
Well will be drilled directionally S 46° 30' W 390'  
PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_ 2,584' MD  
TARGET FORMATION Berea ESTIMATED DEPTH 2,452' TVD  
WELL OPERATOR HG Energy LLC. DESIGNATED AGENT Mike Kirsch  
ADDRESS 5260 DuPont Road Parkersburg, WV 26101 ADDRESS 5260 DuPont Road Parkersburg, WV 26101

FORM IV-6

05/31/2013



SUBJECT WELL  
Austin Griffith No. 102



Section of  
Griffithville 7.5' Quadrangle

SCALE 1"=1000'

05/31/2013