

Longitude = 81° 57' 35.8"

LATITUDE 38° 15' 00"

Bottom Hole - 81° 57' 36.6"

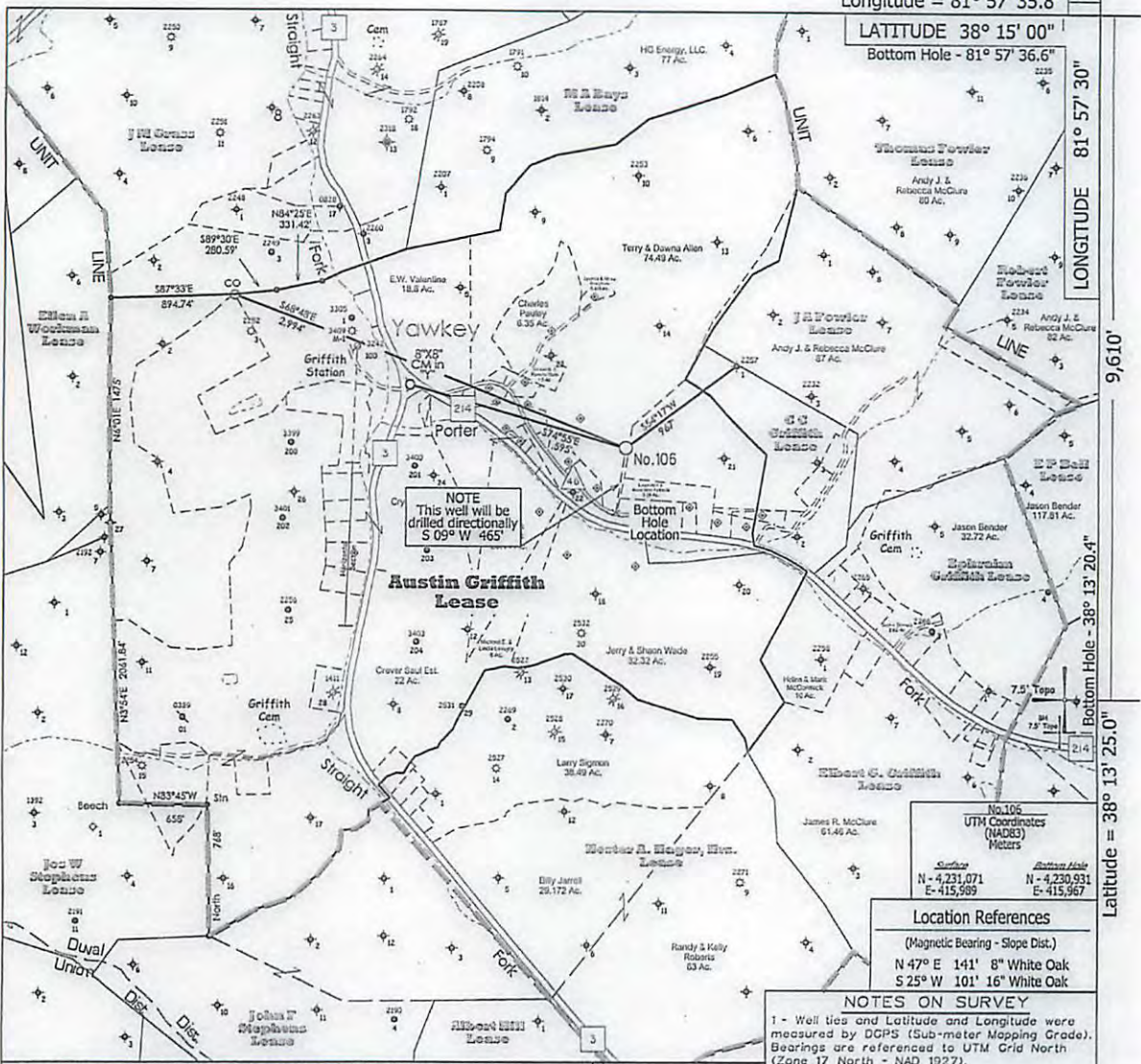
465'

LONGITUDE 81° 57' 30"

9,610'

Bottom Hole - 38° 13' 20.4"

Bottom Hole - 38° 13' 25.0"



NOTE
This well will be drilled directionally S 09° W 465'

No. 106
UTM Coordinates (NAD83) Meters
Surface N - 4,231,071 E - 415,989
Bottom Hole N - 4,230,931 E - 415,967

Location References
(Magnetic Bearing - Slope Dist.)
N 47° E 141' 8" White Oak
S 25° W 101' 16" White Oak

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 - Lease Description From Surveys by Curtis A. Lucas, 1981 & Bruce Hagar, 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. 1046-54
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.106
API WELL NO. 47-043-03454 S

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 910' WATERSHED Porter Fork
DISTRICT Duval COUNTY Lincoln
QUADRANGLE Griffithville 7.5'
SURFACE OWNER Terry & Dawna Allen ACREAGE 74.49 Ac.
OIL & GAS ROYALTY OWNER HG Energy, LLC, et al LEASE ACREAGE 375 Ac.
LEASE NO. 56489-50

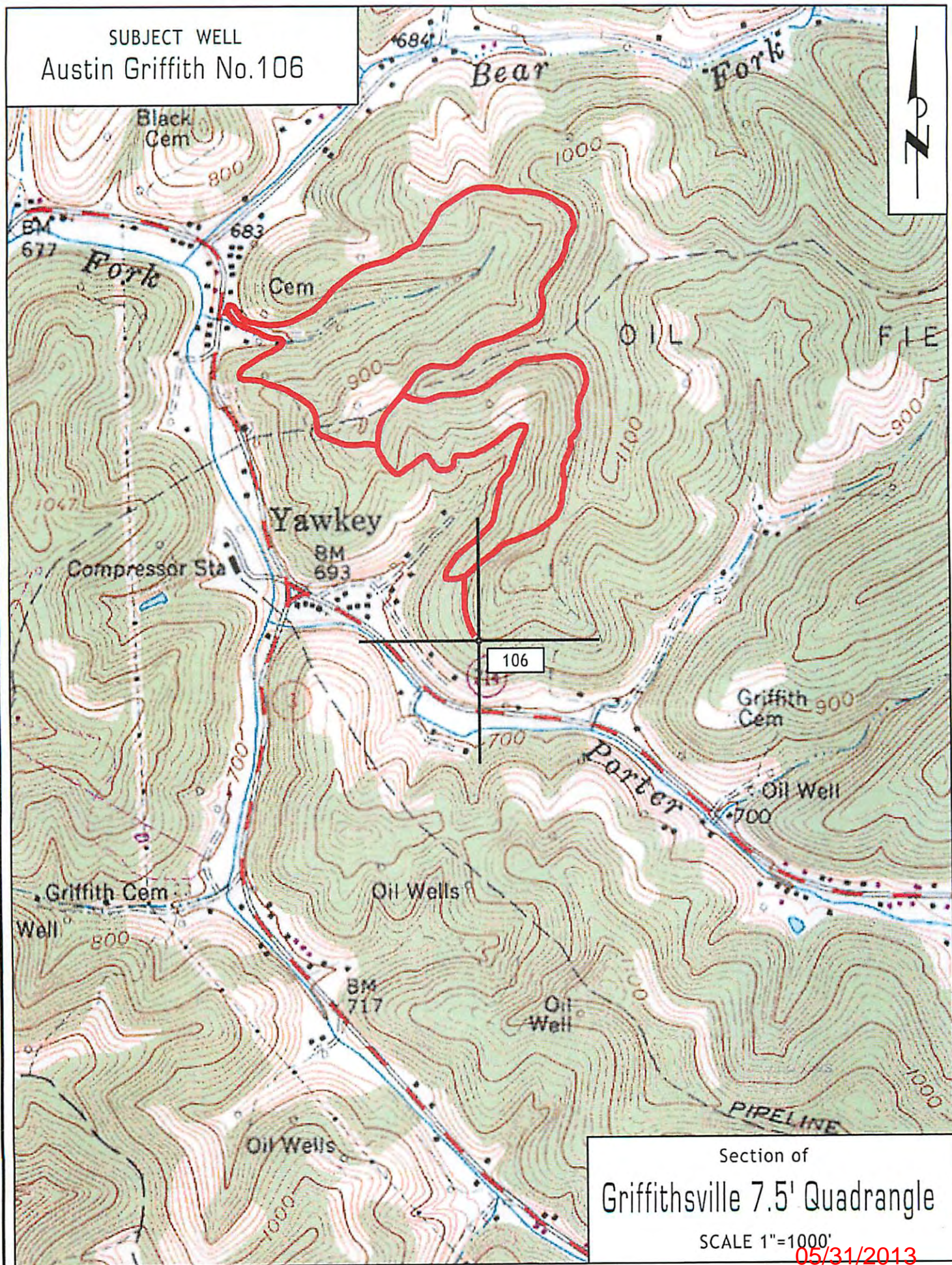
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Well will be drilled directionally S 09° W 465'

PLUG AND ABANDON CLEAN OUT AND REPLUG ESTIMATED DEPTH 2,591' MD
TARGET FORMATION Berea ESTIMATED DEPTH 2,500' 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.106



Section of
Griffithsville 7.5' Quadrangle

SCALE 1"=1000'

05/31/2013