

Longitude = 81° 57' 24.6"

11,535'

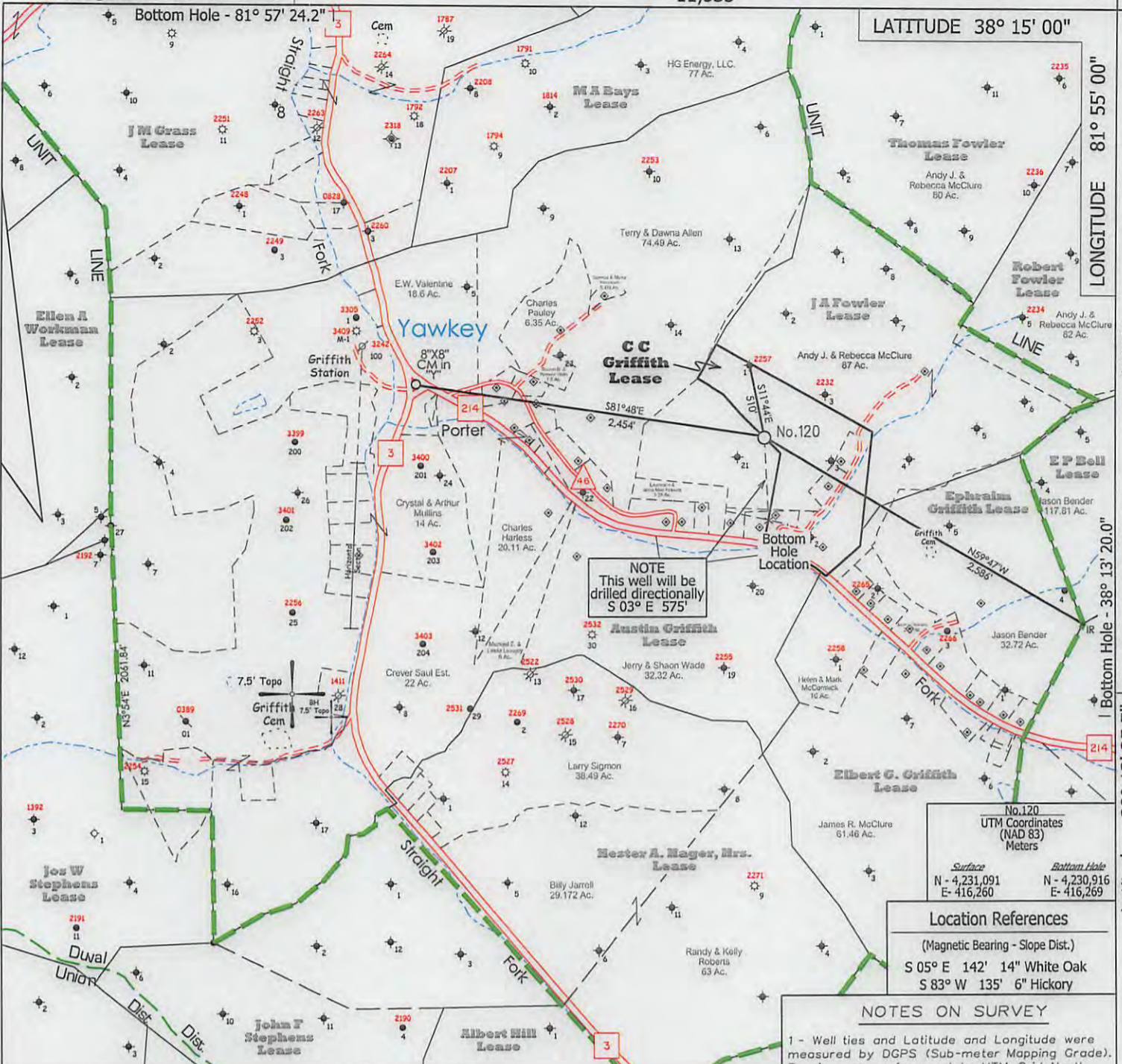
LATITUDE 38° 15' 00"

LONGITUDE 81° 55' 00"

9,540'

Bottom Hole - 38° 13' 20.0"

Latitude = 38° 13' 25.7"



NOTE
This well will be drilled directionally
S 03° E 575'

No. 120 UTM Coordinates (NAD 83) Meters	
Surface N - 4,231,091 E - 416,260	Bottom Hole N - 4,230,916 E - 416,269

Location References	
(Magnetic Bearing - Slope Dist.)	
S 05° E 142' 14"	White Oak
S 83° W 135' 6"	Hickory

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. 1046-55
 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) *Timothy P. Roush*
 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 26, 2013
 FARM C.C. Griffith No. 120
 API WELL NO. 47-043-03466S

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 926' WATERSHED Porter Fork
 DISTRICT Duval COUNTY Lincoln
 QUADRANGLE Griffithville 7.5'

SURFACE OWNER Andy J. & Rebecca McClure ACREAGE 87 Ac.
 OIL & GAS ROYALTY OWNER HG Energy, LLC., et al LEASE ACREAGE 20 Ac.
 LEASE NO. 71090-50

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 03° E 575'

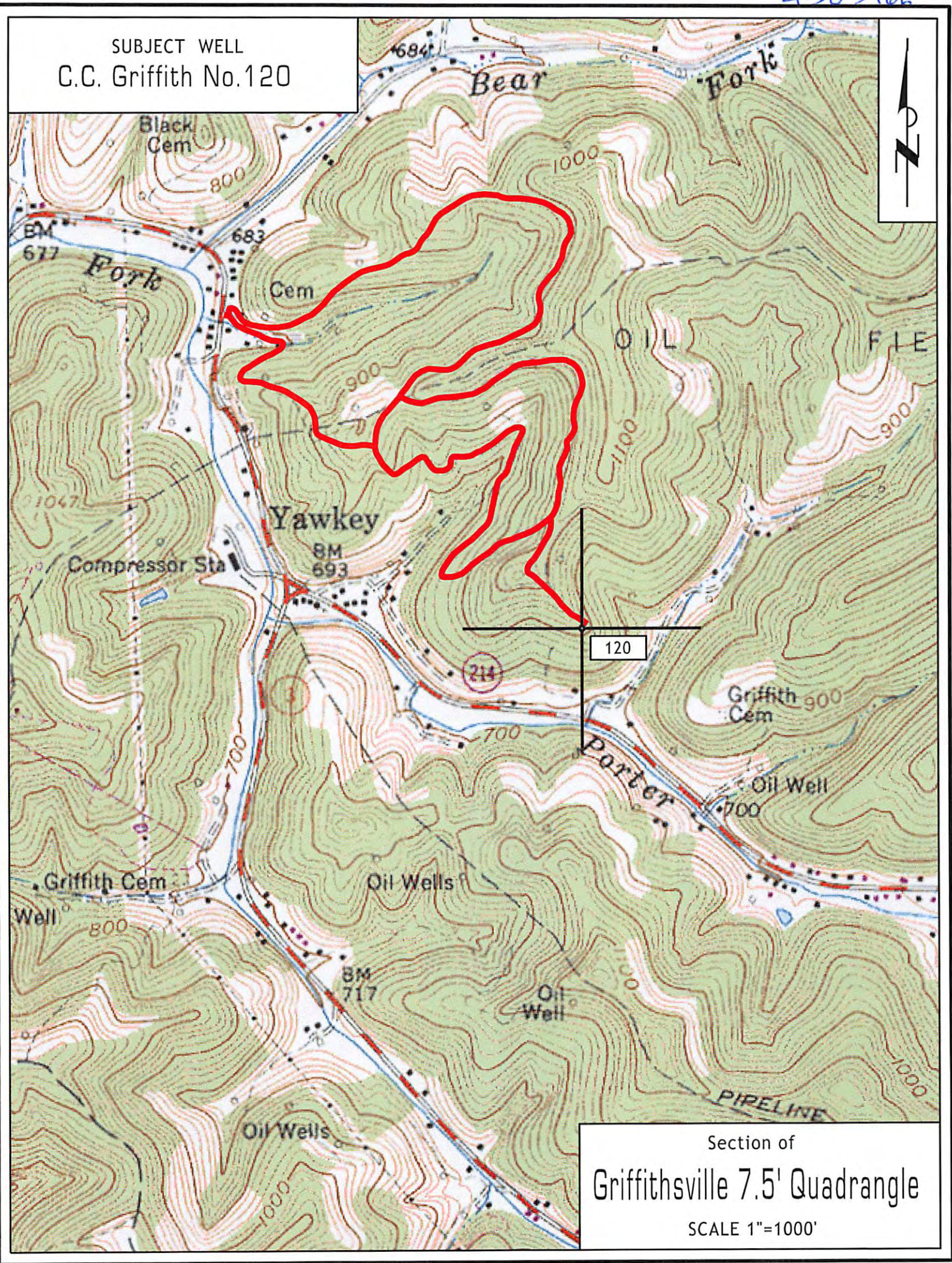
PLUG AND ABANDON CLEAN OUT AND REPLUG 2,629' MD
 TARGET FORMATION Berea ESTIMATED DEPTH 2,503' TVD

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

08/21/2013

FORM IV-6

SUBJECT WELL
C.C. Griffith No.120



Section of
Griffithville 7.5' Quadrangle
SCALE 1"=1000'