

Longitude = 81° 57' 24.4"

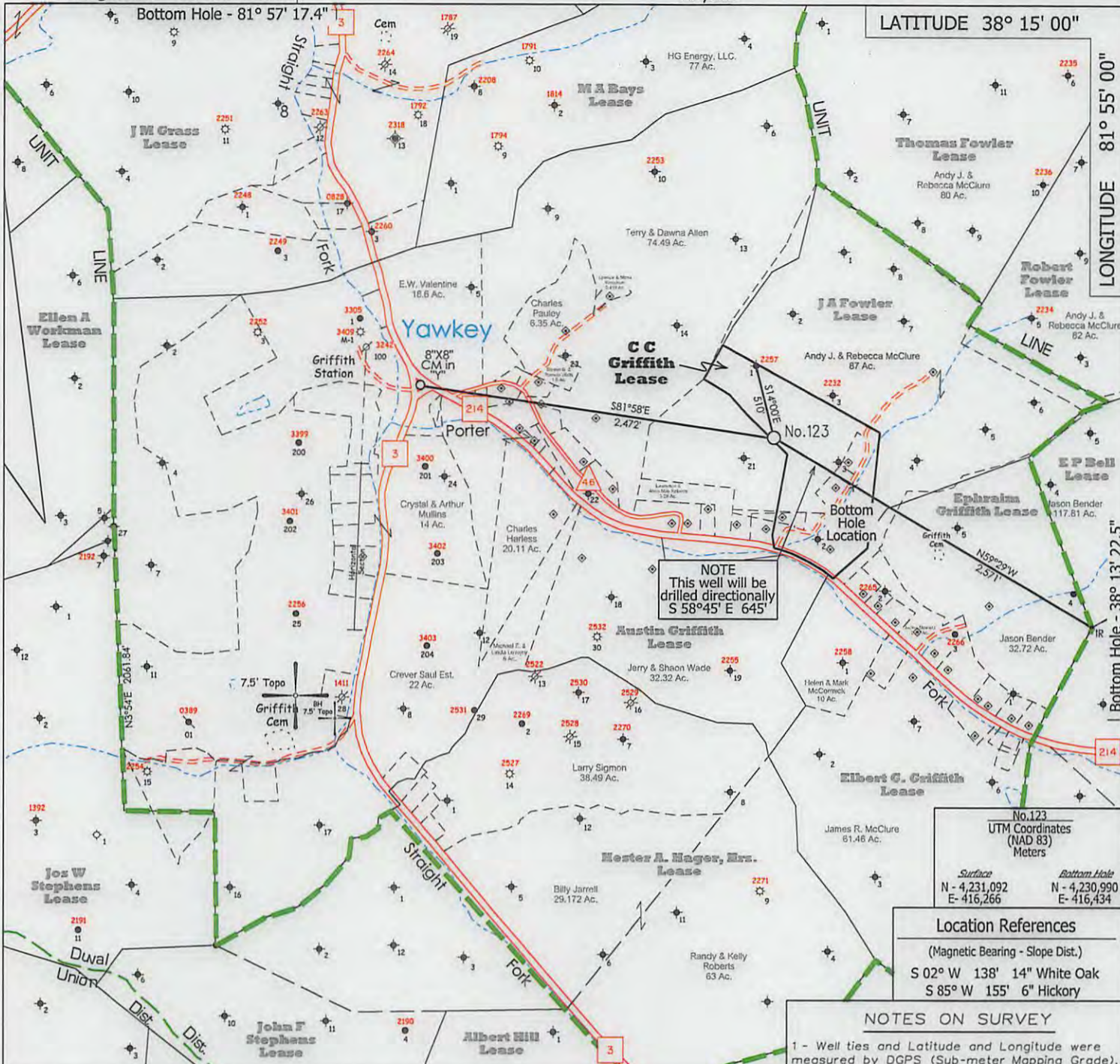
11,515'

LATITUDE 38° 15' 00"

LONGITUDE 81° 55' 00"

9,535'

Latitude = 38° 13' 25.8"



NOTE  
This well will be drilled directionally  
S 58°45' E 645'

No.123  
UTM Coordinates  
(NAD 83)  
Meters

Surface	Bottom Hole
N - 4,231,092	N - 4,230,990
E - 416,266	E - 416,434

Location References  
(Magnetic Bearing - Slope Dist.)  
S 02° W 138' 14" White Oak  
S 85° W 155' 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) [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 27, 2013  
FARM C.C. Griffith No.123  
API WELL NO. 47-043-034675

WELL TYPE: OIL \_\_\_ GAS \_\_\_ LIQUID INJECTION X WASTE DISPOSAL \_\_\_  
(IF "GAS") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
LOCATION: ELEVATION 926' WATERSHED Porter Fork  
DISTRICT Duval COUNTY Lincoln  
QUADRANGLE Griffithsville 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 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 58°45' E 645'

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

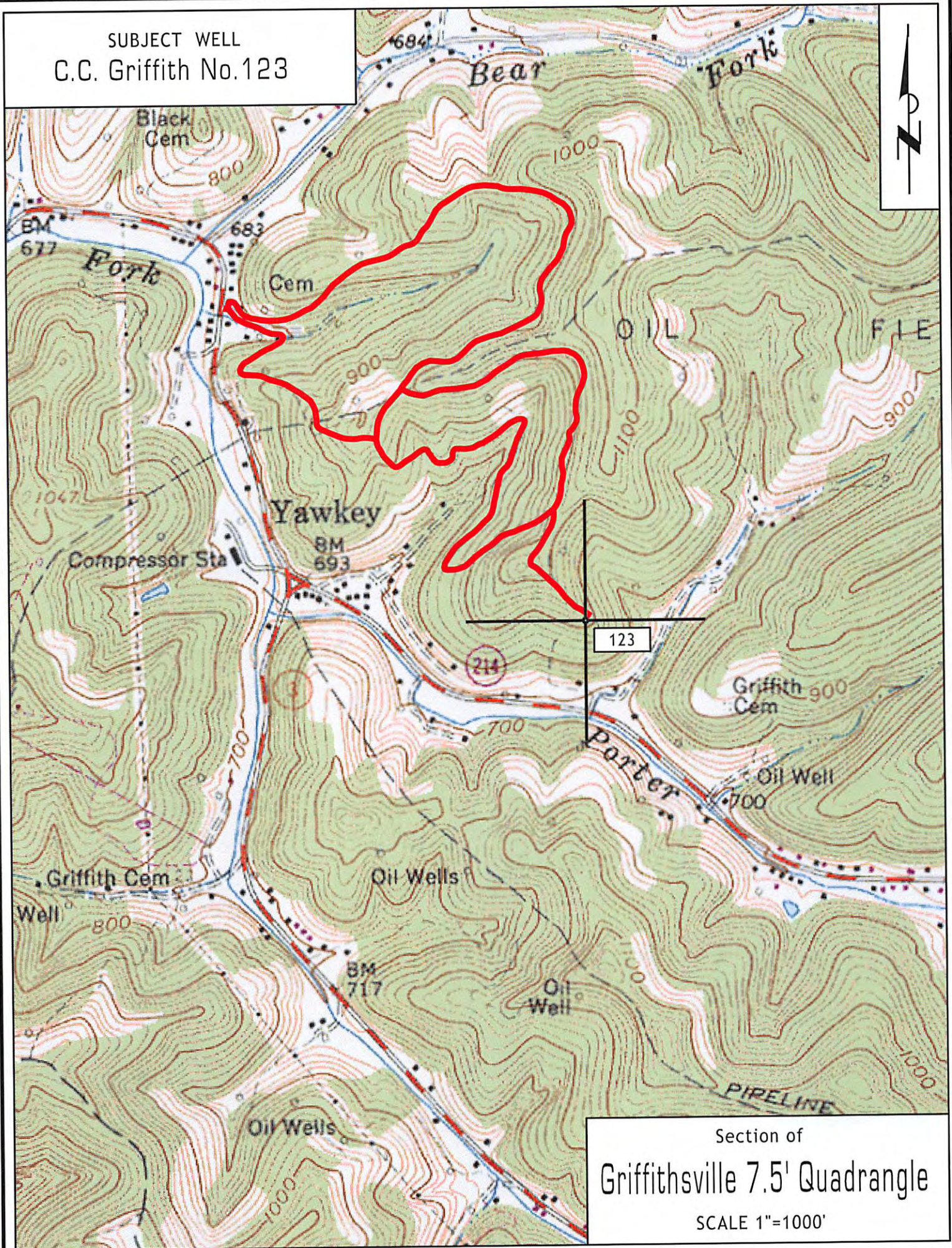
WELL OPERATOR HG Energy LLC. DESIGNATED AGENT Mike Kirsch  
ADDRESS 5260 DuPont Road Parkersburg, WV 26101 ADDRESS 5260 DuPont Road Parkersburg, WV 26101

06/21/2013

FORM IV-6



SUBJECT WELL  
C.C. Griffith No.123



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