



MIDWEST SURVEYS
LOGGING - PERFORATING - CONSULTING SERVICES
P.O. Box 66, Osawatomie, KS 66064
913 / 755 - 2128

GAMMA RAY / NEUTRON / CCL

File No.

Company **Birk Petroleum**
Well **Thomsen No.-11**
Field **Crandall North**
County **Coffey** State **Kansas**

Location **2145 FSL & 825 FEL**
SW-NW-NE-SE

Sec. **36** Twp. **22s** Rge. **15e**
Permanent Datum **GL** Elevation **1044'**
Log Measured From **GL** K.B. NA
Drilling Measured From **GL** D.F. NA
G.L. **1044'**

Date **08-12-2014**
Run Number **One**
Depth Driller **1164.0**
Depth Logger **1152.5**
Bottom Logged Interval **1151.5**
Top Log Interval **20.0**
Fluid Level **Full**

Type Fluid **Water**
Density / Viscosity **NA**
Salinity - PPM Cl **NA**
Max Recorded Temp **NA**
Estimated Cement Top **0.0**
Equipment No. **102** Location **Osawatomie**
Recorded By **Gary Windisch**
Witnessed By **Ed Birk**

BORE-HOLE RECORD
No. **BIT** FROM **TO** SIZE **WGt.** FROM **TO**
One **9.875"** **40.0** **7.00"** **40.0**
Two **6.25"** **40.0** **1164.0** **2.875"** **6.5 #** **0.0** **1166.0**

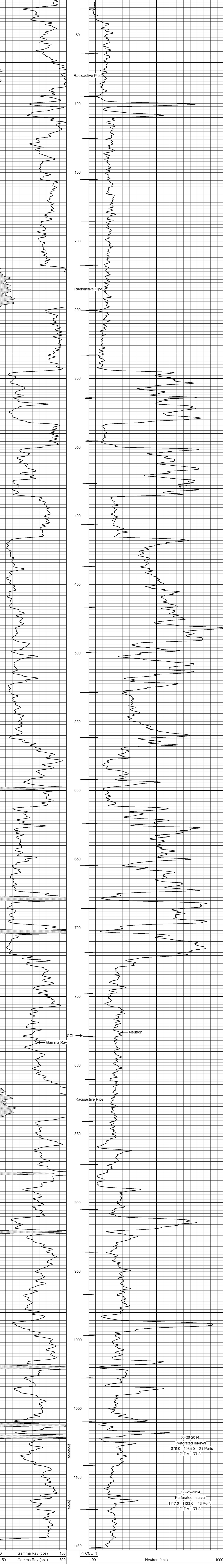
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

Drilling Contractor :
Birk Petroleum

Database File: thomsen11.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Tue Aug 12 15:28:22 2014 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240



08-26-2014
Perforated Interval
1076.0 - 1086.0 31 Perfs.
2" DML RTG

08-26-2014
Perforated Interval
1117.0 - 1123.0 13 Perfs.
2" DML RTG