



MIDWEST SURVEYS
LOGGING - PERFORATING - CONSULTING SERVICES
P.O. Box 68, Osawatomie, KS 66064
913 / 755 - 2128

GAMMA RAY / NEUTRON / CCL

File No.

Company **Birk Petroleum**
Well **Sutherland No.-38**
Field **Crandall North**
County **Coffey** State **Kansas**

Location **825' FSL & 3795' FEL**

Other Services
Perforate

Sec. 31 Twp. 22s Rge. 10e

Permanent Datum GCL Elevation **1004'**

Log Measured From GCL KB NA

Drilling Measured From GCL D.F. NA

Date **10-08-2014**

Run Number **One**

Depth Driller **1135.0**

Depth Logger **1121.5**

Bottom Logged Interval **1120.5**

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 **Casakomie**

Recorded By **Gary Wundisch**

Witnessed By **Brian Birk**

BORE-HOLE RECORD

NO BIT FROM TO SIZE WGT FROM TO

One 9.875" 0.0 400 7.00" 17.0# 0.0 40.0

Two 6.25" 40.0 1135.0 2.875" 6.5# 0.0 1127.0

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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 :
Woco Drilling, LLC.

Database File: sutherland38.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Wed Oct 08 12:16:42 2014 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240

