



MIDWEST SURVEYS
 LOGGING - PERFORATING - CONSULTING SERVICES
 P.O. Box 68, Osawatomie, KS 66064
 913 / 785 - 2128

GAMMA RAY / NEUTRON / CCL

File No.

Company: **Birk Petroleum**
 Well: **Sutherland No.-36**
 Field: **Crandall North**
 County: **Coffey** State: **Kansas**

Location: **165' FSL & 3795' FEL**

Other Services: **Perforate**

Sec. 31
 Permanent Datum: **GL** Elevation: **1003'**
 Log Measured From: **GL** D.F. NA
 Drilling Measured From: **GL** G.L. 1003'

Date: **10-28-2014**

Run Number: **One**

Depth Driller: **1135.0**

Depth Logger: **1123.0**

Bottom Logged Interval: **1122.0**

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: **Casakomine**

Recorded By: **Gary Wundsch**

Witnessed By: **Brian Birk**

BOREHOLE RECORD	CASINGS RECORD
RUN NO.	TO
BIT FROM	SIZE
One 9.875" 4.00	WGT 17.0#
Two 6.25" 4.00	FROM 0.0
	TO 1127.20

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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: sutherland36.db
 Dataset Pathname: pass1
 Presentation Format: gr-n-ccl
 Dataset Creation: Tue Oct 28 12:29:10 2014 by Log SCH 111116
 Charted by: Depth in Feet scaled 1:240

