



MIDWEST SURVEYS
 LOGGING - PERFORATING - CONSULTING SERVICES
 P.O. Box 68, Osawatomie, KS 66064
 913.755.2128

GAMMA RAY / NEUTRON / CCL

File No. _____
 Company **Red Cloud Exploration Operating, LLC**

Well **Purcell No. 4-10**
 Field **Humboldt - Chanute**
 County **Woodson** State **Kansas**

Location **1825' FNL & 825' FWL
 SW-NE-SW-4NW**
 Sec. **20** Twp. **25S** Rge. **17E**
 Permanent Datum **GL** Elevation **963'**
 Log Measured From **GL** K.B. NA
 Drilling Measured From **GL** D.F. NA
 G.L. **983'**

Date **5-27-2010**
 Run Number **One**
 Depth Logger **881.0**
 Bottom Logged Interval **880.0**
 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 **NA**
 Equipment No. **107** Location **Osawatomie**
 Recorded By **Steve Winkler**

Witnessed By **George Peterson**

BORE-HOLE RECORD		CASING RECORD				
Run No.	BIT	TO	SIZE	WGT.	FROM	TO
One	9.875"	40.0	7.00"	0.0	40.0	40.0
Two	5.825"	40.0	2.875"	0.0	887.5	887.5

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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 Contractors :
 Owens Petroleum Services

Database File: prcl4-10.db
 Dataset Pathname: pass1
 Presentation Format: gr-n-ccl
 Dataset Creation: Thu May 27 09:55:02 2010 by Log Std Casedhole 07122
 Charted by: Depth in Feet scaled 1:240

