



MIDWEST SURVEYS
 LOGGING - PERFORATING - CONSULTING SERVICES
 P.O. Box 66, Osawatomie, KS 66064
 913.755.2128

GAMMA RAY / NEUTRON / CCL

File No. _____

Company **Heavy Oil Treatment Solutions, LLC**

Well **Robbins No. - 1**

Field **Six Corners**

County **Leavenworth** State **Kansas**

Location **4125 FSL & 2475 FEL**

Other Services _____

Sec. 23 Typ. 12s Ege 20e

Permanent Datum GL Elevation 914'

Log Measured From GL

Drilling Measured From GL 914'

Date _____

Run Number _____

Depth Driller 852.0

Depth Logger 845.0

Bottom Logged Interval 844.0

Top Log Interval 20.0

Fluid Level _____

Type Fluid _____

Density / Viscosity _____

Salinity - PPM Cl	NA
Max. Recorded Temp	NA
Estimated Cement Top	0.0
Equipment No.	107
Location	Osawatomie
Recorded By	Steve Mindich
Witnessed By	Jim Miedchen

BOREHOLE RECORD		CASING RECORD	
RUN No.	BIT FROM TO	SIZE	WGT. FROM TO
One	12.25" 0.0 41.0	8.625"	24.0# 0.0 41.0
Two	6.75" 41.0 852.0	4.50"	9.5# 0.0 847.0

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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 :
 Hat Drilling, LLC

Database File: robbins 1.db
 Dataset Pathname: pass1
 Presentation Format: gr-n-ccl
 Dataset Creation: Wed Jul 30 15:52:39 2014 by Log SCH 111116
 Charted by: Depth in Feet scaled 1:240

