



MIDWEST SURVEYS
 LOGGING - PERFORATING - CONSULTING SERVICES
 P.O. Box 68, Ocala, Florida, KS 68064
 913.735.2128

GAMMA RAY / NEUTRON / CCL

File No.

Company Heavy Oil Treatment Solutions, LLC

Well Robbins No - 10

Field Six Corners

County Leavenworth

State Kansas

Location 4785' FSL & 2145' FEL

SE-NW-NW-NE

Other Services

Sec. 23 Typ. 12s Fge. 20e

Permanent Datum GL Elevation 915'

Log Measured From GL K.B. NA

Drilling Measured From GL D.F. NA

Date 09-23-2014

Run Number One

Depth Logger 888.0

Bottom Logged Interval 875.2

Top Log Interval 874.2

Fluid Level 20.0

Fluid Level Full

Type Fluid Water

Density / Viscosity NA

Salinity - PPM Cl NA

Max. Recorded Temp NA

Equipment Comment Top

Equipment No. 167

Location Osawatimie

Recorded By Steve Winkler

Missed By Jim Mettlen

BOREHOLE RECORD

NO. BIT FROM TO SIZE WGT. FROM TO

One 12.25" 0.0 61.0 8.525" 24.0# 0.0 61.0

Two 6.75" 61.0 888.0 4.50" 9.5# 0.0 880.0

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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 10.db
 Dataset Pathname: pass1
 Presentation Format: gr-n-ccl
 Dataset Creation: Sat Aug 23 15:17:29 2014 by Log SCH 111116
 Charted by: Depth in Feet scaled 1:240

