



**MIDWEST SURVEYS**  
 LOGGING - OPERATING - CONSULTING SERVICES  
 P.O. Box 69, Osawatomie, KS 68064  
 913.755.2128

**GAMMA RAY / NEUTRON / CCL**

File No.

Company Heavy Oil Treatment Solutions, LLC

Well Cox No. - 2

Field Six Corners

County Leavenworth State Kansas

Location 1980' FSL & 1485' FEL

Location E2-E2-NW-SE

Sec. 13 Twp. 12s Rge. 20e

Permanent Datum GL Elevation 896'

Log Measured From GL

Drilling Measured From GL

Date 09-11-2014

Run Number One

Depth Driller 855.0

Depth Logger 844.0

Bottom Logged Interval 843.0

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. Location 107 Osawatomie

Recorded By Steve Mandisch

Witnessed By Jim Miedchen

BOREHOLE RECORD				CASING RECORD			
RUN No.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
One	12.25"	0.0	42.0	8.625"	24.0#	0.0	42.0
Two	6.75"	42.0	855.0	4.50"	9.5#	0.0	847.0

<<< Fold Here >>>

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: cox 2.db  
 Dataset Pathname: pass1  
 Presentation Format: gr-n-ccl  
 Dataset Creation: Thu Sep 11 13:23:50 2014 by Log SCH 111116  
 Charted by: Depth in Feet scaled 1:240

