



**MIDWEST SURVEYS**  
 LOGGING - PERFORATING - CONSULTING SERVICES  
 P.O. Box 68, Oskawatomie, KS 66084  
 913.755.2128

**GAMMA RAY / NEUTRON / CCL**

File No. \_\_\_\_\_

Company **Heavy Oil Treatment Solutions, LLC.**

Well **Mini Farms No. 6-B**

Field **Six Corners**

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

Location **3795' FSL & 2817' FEL**

**NENE-SE-NW**

Other Services \_\_\_\_\_

Sec. **23** Twp. **12s** Rge. **20e**

Permanent Datum **GL** Elevation **914'**

Log Measured From **GL** K.B. NA

Drilling Measured From **GL** D.F. NA

Date **10-09-2013** Elevation **GL 914'**

Run Number **One**

Depth Logger **853.0**

Bottom Logged Interval **846.5**

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. **107** Location **Oskawatomie**

Recorded By **Steve Winkler**

Missed By **Jim Mithren**

BOREHOLE RECORD

RUN No. **BIT** **FROM** **TO** **SIZE** **WGT.** **FROM** **TO**

One **9.875"** **0.0** **141.0** **7.00"** **17.0#** **0.0** **141.0**

Two **5.525"** **141.0** **853.0** **2.875"** **6.5#** **0.0** **850.0**

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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**

Database File: minifarm6b.db  
 Dataset Pathname: pass1a  
 Presentation Format: gr-n-ccl  
 Dataset Creation: Wed Oct 09 11:22:20 2013  
 Charted by: Depth in Feet scaled 1:240

