



MIDWEST SURVEYS
 LOGGING - PERFORATING - CONSULTING SERVICES
 P.O. Box 68, Osawatomie, KS 68064
 913.755.2128

GAMMA RAY / NEUTRON / CCL

File No. _____

Company **Ensminger Energy, LLC.**

Well **McFadden No. E-4**

Field **Moran**

County **Allen**

State **Kansas**

Location **165' FSL & 165' FEL**

Other Services **Perforate**

Sec. 1 **Typ. 25s** **Rate 19e** **Elevation NA**

Permanent Datum **GL** **Elevation NA**

Log Measured From **GL** **Elevation NA**

Drilling Measured From **GL** **Elevation NA**

Date **10-04-2013**

Run Number **One**

Depth Driller **890.0**

Bottom Logged Interval **880.5**

Top Log Interval **20.0**

Fluid Level **Fill**

Type Fluid **Water**

Density / Viscosity **NA**

Salinity - PPM Cl **NA**

Max Recorded Temp **NA**

Estimated Cement Top **0.0**

Equipment No. **102** **Osawatimie**

Recorded By **Gary Windisch**

Witnessed By **Dave Kinzey**

BORE-HOLE RECORD

NO. BIT FROM TO SIZE WGT. FROM TO

One 9.875" 0.0 22.8 7.00" 17.0# 0.0 22.8

Two 5.875" 22.8 890.0 2.875" 6.5# 0.0 890.0

CASING RECORD

TO 22.8

TO 894.0

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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 :
 EK Energy, LLC.

Database File: mcfadden4e.db
 Dataset Pathname: pass1
 Presentation Format: gr-n-ccl
 Dataset Creation: Fri Oct 04 14:37:27 2013 by Log SCH 111116
 Charted by: Depth in Feet scaled 1:240

