



MIDWEST SURVEYS
LOGGING - PERFORATING - CONSULTING SERVICES
P.O. Box 68, Osawatomie, KS 66064
913 / 755 - 2128

GAMMA RAY / NEUTRON / CCL

File No.

Company **A & L Energy Operations, LLC.**

Well **Thoren No.- 80**

Field **Little Wakarusa**

County **Douglas** State **Kansas**

Location **1520 FNL & 1190' FEL
NW-NW-SE-NE**

Other Services
Perforate

Sec 6 Twp 14S Rge 21E

Permanent Datum GL Elevation NA

Log Measured From GL

Drilling Measured From GL

Elevation
K.B. NA
D.F. NA
G.L. NA

Date

07-09-2012

Run Number

One

Depth Diller

762.0

Depth Logger

748.0

Bottom Logged Interval

747.0

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.

104

Recorded By

Gary Wondisch

Witnessed By

Jared Heelm

RUN

BORE-HOLE RECORD

No.

BIT FROM TO SIZE WGT. FROM TO

One 9.875" 0.0 44.5 7.00" 0.0 44.5

Two 5.625" 44.5 762.0 2.875" 0.0 751.8

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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 :
Evans Energy & Development, Inc.

Database File: thoren80.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Mon Jul 09 08:57:52 2012 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240

