



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

GAMMA RAY / NEUTRON / CCL

File No.

Company Petroleum Technologies, Inc
Well Sawyer No. 1-A
Field Longanecker Southeast
County Johnson State Kansas

Location
2145' FSL & 5115' FEL
SW-NW-NW-SW

Other Services
Perforate

Sec. 29 Typ. 148 Rge. 22e
Permanent Datum GL Elevation NA
Log Measured From GL
Drilling Measured From GL

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

API # 15-091-23,455

Date

07-14-2011

Run Number

One

Depth Driller

920.0

Depth Logger

903.5

Bottom Logged Interval

901.5

Top Log Interval

200.0

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

Recorded By

Osawatomie

Witnessed By

Steve Windisch

BORE-HOLE RECORD

Rick Singleton

CASING RECORD

Run

No.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

No.

One

9.875"

21.4

7.00"

0.0

Two

5.625"

21.4

920.0

2.875"

0.0

905.0

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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 :
Evavs Energy & Development, Inc.

Database File: sawyr1a.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Thu Jul 14 09:20:24 2011 by Log Std Casedhole 07122
Charted by: Depth in Feet scaled 1:240

