MIDWEST SURVEYS

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

GAMMA RAY / NEUTRON / CCL

File No.

Permit # 037-21,230

Company SCZ Resources, LLC
Well Lauerman No.- 14
Field Knoche
County Cass State Missouri

Location
2145' FSL & 825' FWL
SE-NE-NW-SW
Sec. 9 Twp. 46n Rge. 33w

Other Services
Perforate

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

Permanent Datum GL Elevation NA
Log Measured From GL
Drilling Measured From GL

Date	09-09-2013
Run Number	One
Depth Driller	660.0
Depth Logger	643.2
Bottom Logged Interval	642.2
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 Windrich
Witnessed By	Scott Biel

RUN No.	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT.	FROM	TO
One	9.875"	0.0	20.0	7.00"	15.0#	0.0	20.0
Two	5.625"	20.0	660.0	2.875"	6.5#	0.0	645.0

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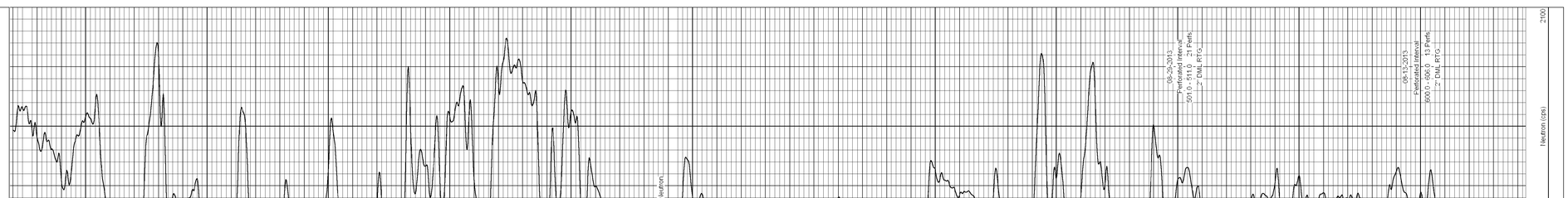
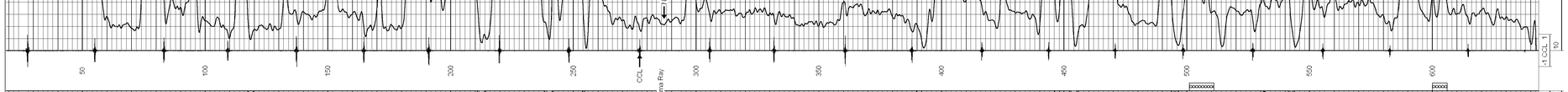
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting 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 :
JTC Oil, Inc.

Database File: lauerman14.db
Dataset Pathname: gr+ccl
Presentation Format: Fri Aug 09 13:06:47 2013 by Log SCH 111116
Dataset Creation: depth in feet scaled 1:240
Charted By: