MIDWEST SURVEYS

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

GAMMA RAY / NEUTRON / CCL

File No.

API# 15-205-28,455

Company Lakeshore Operating, LLC.
Well Renn No. LO-22
Field Neodesha
County Wilson State Kansas

Location
517' FNL & 1212' FEL
SW-NW-NE-NE
Sec. 21 Twp. 30s Rge. 16e

Other Services
Perforate

Permanent Datum	GL	Elevation	832'
Log Measured From	GL		Elevation
Drilling Measured From	GL		K.B. NA
			D.F. NA
			G.L. 832'

Date	09-25-2018
Run Number	One
Depth Driller	982.0
Depth Logger	973.0
Bottom Logged interval	972.0
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. / Location	104 / Osawatomie
Recorded By	Gary Windisch
Witnessed By	Wesley Ketcham

BORE-HOLE RECORD

RUN No.	BIT	FROM	TO
One	9.875"	0.0	33.0
Two	5.875"	33.0	982.0

CASING RECORD

SIZE	WGT.	FROM	TO
7.00"	17.0	0.0	33.0
2.875"	6.5	0.0	974.0

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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 :
John Leis Oilfield Services

Database File:	renn 22-lo.db
Dataset Pathname:	pass1
Presentation Format:	gr-n-ccl
Dataset Creation:	Tue Sep 25 09:26:39 2018 by Log SCH 111116
Charted by:	Depth in Feet scaled 1:240