



MIDWEST SURVEYS
LOGGING - PERFORATING - CONSULTING SERVICES
P.O. Box 66, Osawatomie, KS 66064
913 / 785 - 2128

GAMMA RAY / NEUTRON / CCL

File No.

Company Lakeshore Operating, LLC.

Well Renn No. LO-13

Field Neodesha

County Wilson State Kansas

Location 165 FNL & 1678' FEL
NW-NE-NW-NE

Sec. 21 Twp. 30s Rge. 16e

Permanent Datum GL Elevation 854'

Log Measured From GL

Drilling Measured From GL

Date 09-20-2018

Run Number One

Depth Driller 1183.0

Depth Logger 1171.5

Bottom Logged Interval 1170.5

Top Log Interval 20.0

Fluid Level

Type Fluid Water

Density / Viscosity NA

Salinity - PPM Cl NA

Max Recorded Temp NA

Estimated Cement Top 0.0

Equipment No. 104

Recorded By Operator

Witnessed By Gary Winickham

BORE-HOLE RECORD

TO 33.0

FROM 0.0

SIZE 7.00"

WGT. 17.0

FROM 0.0

TO 1179.0

One 9.875" 33.0

Two 5.875" 33.0

2.875" 6.5

0.0

1179.0

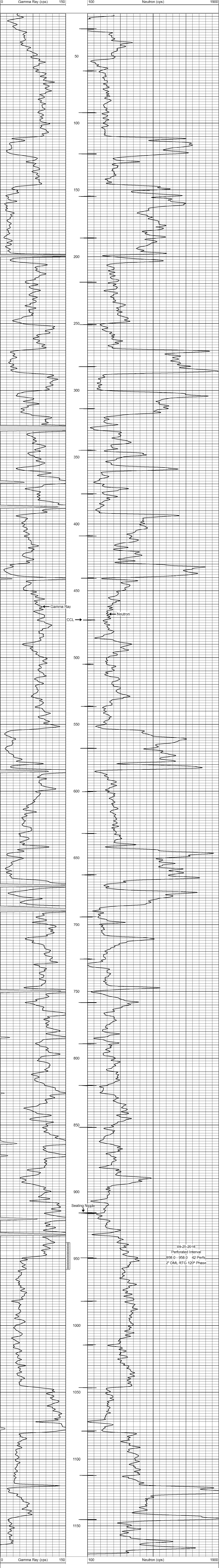
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All interpretations are inferences based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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 13-lo.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Thu Sep 20 09:51:30 2018 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240



09-25-2018
Perforated Interval
938.0 - 958.0 42 Perfs.
2" DML RTG 120° Phase