



MIDWEST SURVEYS
LOGGING - PERFORATING - CONSULTING SERVICES
P.O. Box 68, Osawatomie, KS 68064
913.755. 2128

GAMMA RAY / NEUTRON / CCL

File No. Company Lakeshore Operating, LLC.

Well Renn No. LO-18

Field Neodesha

County Wilson State Kansas

Location 398' FNL & 1445' FEL
SE-NE-NW-NE

Sec 21 Twp. 30S Rge. 16E
Permanant Datum GL Elevation 851'
Log Measured From GL
Drilling Measured From GL

Date 09-20-2018

Run Number One
Depth Driller 997.0

Depth Logger 988.0
Bottom Logged Interval 987.0

Top Log Interval 20.0

Fluid Level Full

Type Fluid Water
Density / Viscosity NA
Salinity - PPM/C NA
Max Recorded Temp NA

Equipment No. 104
Estimated Cement Top 0.0
Recorded By Gary Winkisch
Witnessed By Wesley Ketchum

BORE-HOLE RECORD
RUN No. BIT FROM TO SIZE WGT. FROM TO
One 9.875" 32.0 7.00" 0.0 32.0
Two 5.875" 32.0 997.0 2.875" 6.5 0.0 890.0

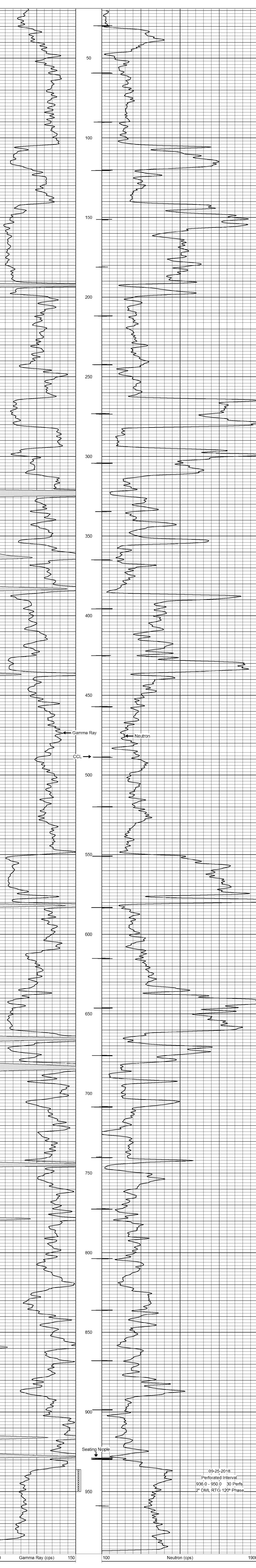
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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 18-lo.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Thu Sep 20 11:14:26 2018 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240



09-25-2018
Perforated Interval
936.0 - 950.0 30 Perfs.
2" DML RTG 120° Phase