



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

GAMMA RAY / NEUTRON / CCL

File No. Company **JV Oil, LLC.**

Well **Fredline "A" No. 1-H**

Field **Altoona**

County **Wilson** State **Kansas**

Location **165' FNL & 2840' FEL**
NE-NENE-NW

Sec. 20 Twp. 28S Rge. 17E
 Permian Datum GL Elevation 915
 Log Measured From GL
 Drilling Measured From GL

Date 11-08-2017
 Run Number One
 Depth Driller 1025.0
 Depth Logger 977.0
 Bottom Logged Interval 976.0
 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 Victor Hooks

BORE-HOLE RECORD
 RUN No. BIT FROM TO SIZE CASING RECORD TO
 One 12.00" 0.0 8.825" 24.0 FROM 20.0
 Two 5.875" 20.0 1025.0 2.875" 6.5 0.0 980.0

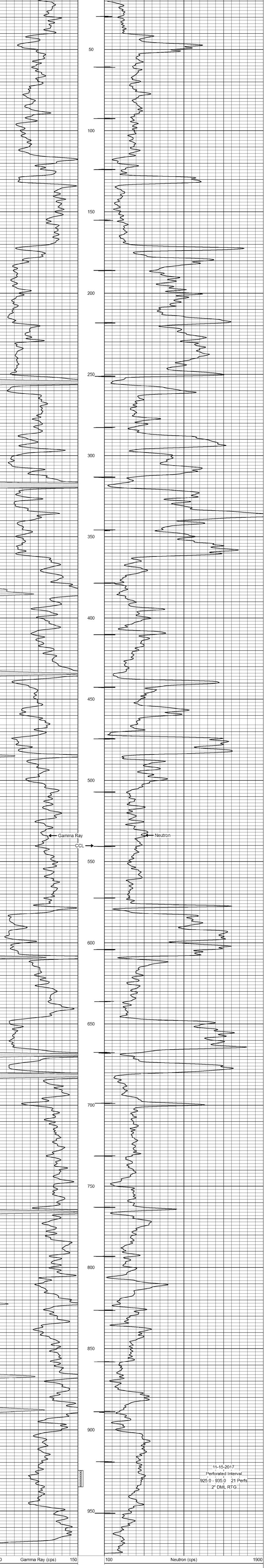
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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 :
JV Oil, LLC.

Database File: freidline a h1.db
 Dataset Pathname: pass1
 Presentation Format: gr-n-ccl
 Dataset Creation: Wed Nov 08 11:13:03 2017 by Log SCH 111116
 Charted by: Depth in Feet scaled 1:240



11-15-2017
 Perforated Interval
 925.0 - 935.0 21 Perfs
 2" DML RTG