



MIDWEST SURVEYS

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

GAMMA RAY / NEUTRON / CCL

File No.

Company Miller Oil & Cattle
 Well **F•R** Miller No.- 13
 Field Bush City Shoestring
 County Anderson State Kansas

API # 15-003-25,320

Location	3516' FSL & 1910' FEL SW-NE-SW-NE	Other Services Perforate
Sec. 13	Twp. 21s	Rge. 19e
Permanent Datum	GL	Elevation NA
Log Measured From	GL	K.B. NA D.F. NA G.L. NA
Drilling Measured From	GL	

Date	04-26-2012
Run Number	One
Depth Driller	828.0
Depth Logger	821.3
Bottom Logged Interval	820.3
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.	104
Location	Osawatomie
Recorded By	Gary Windisch
Witnessed By	Tom Miller

RUN	BORE-HOLE RECORD			CASING RECORD				
	No.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
One	9.875"	0.0	20.0	7.00"			0.0	20.0
Two	5.625"	20.0	828.0	2.875"			0.0	822.0

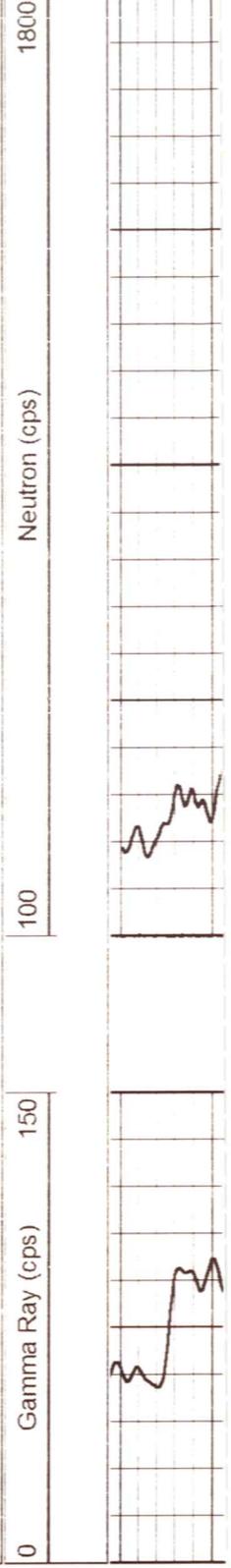
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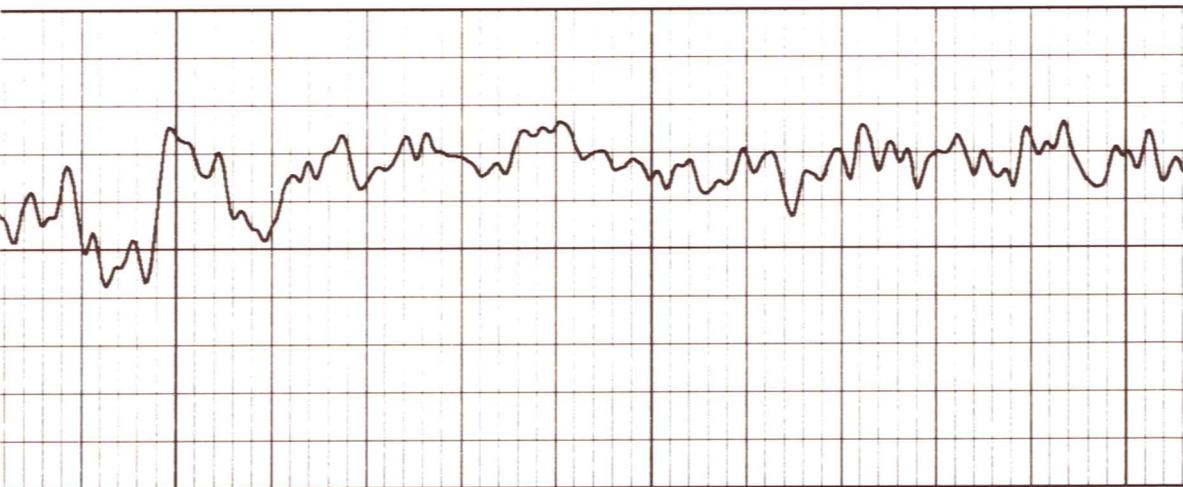
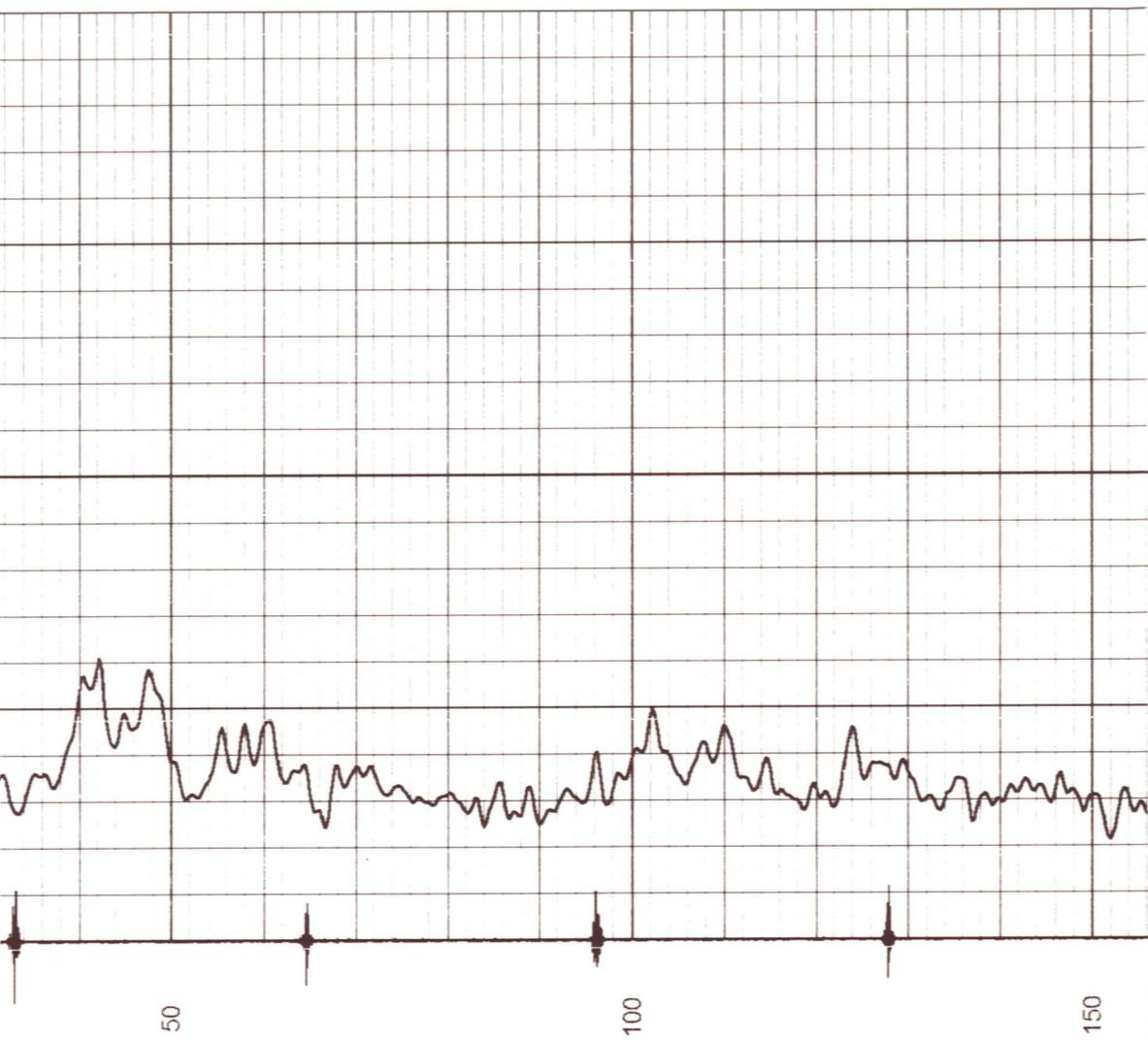
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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

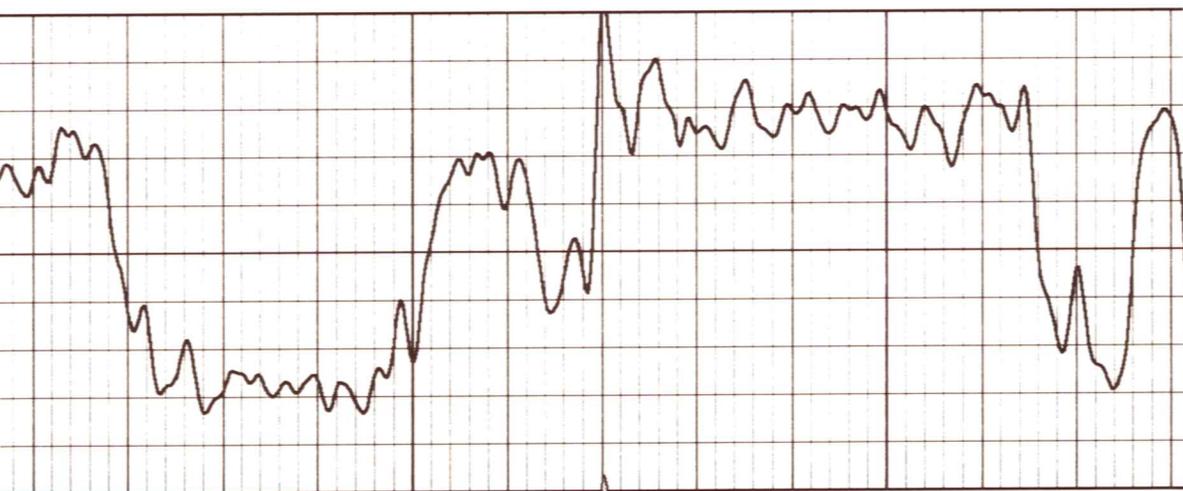
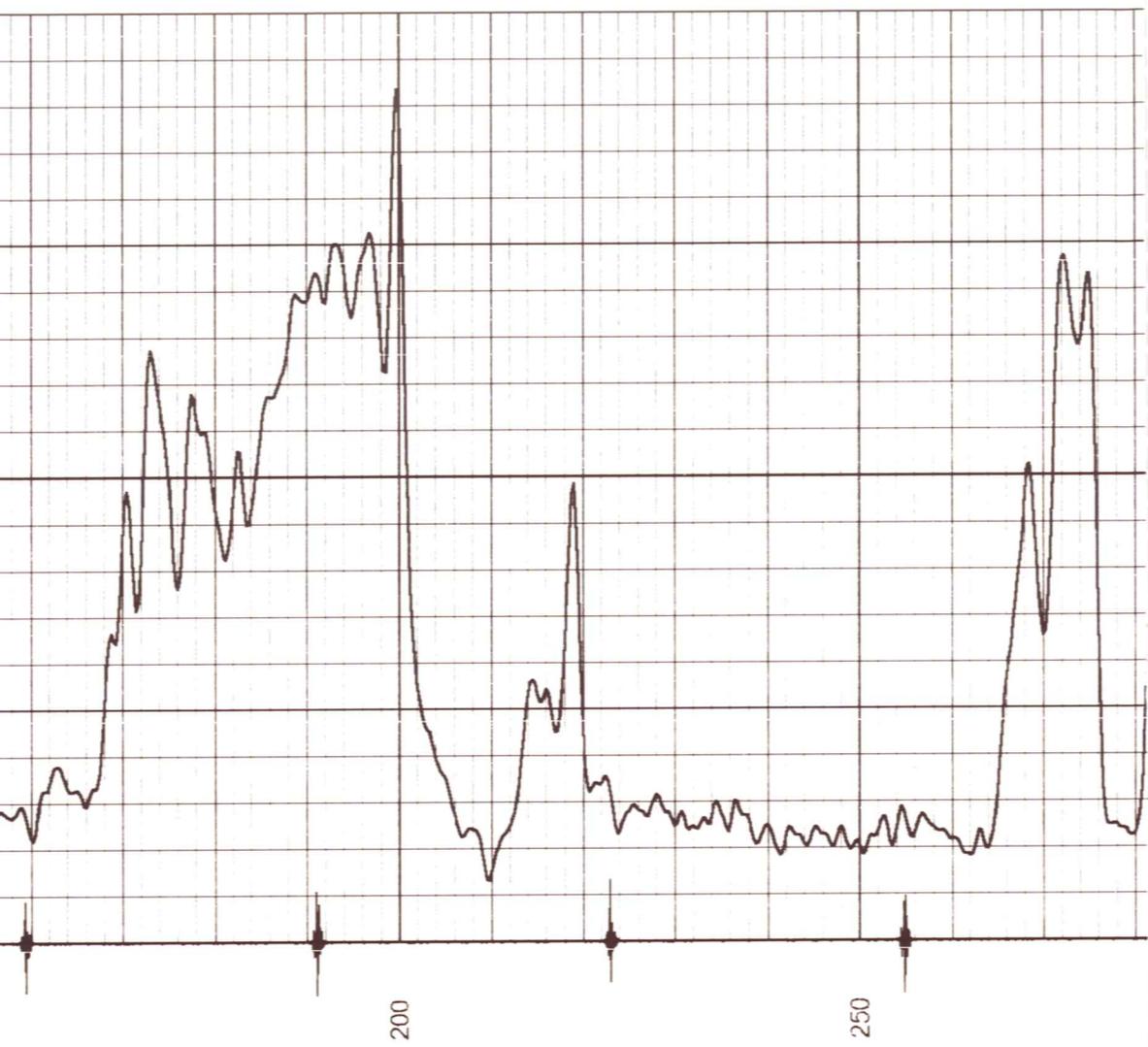
Comments

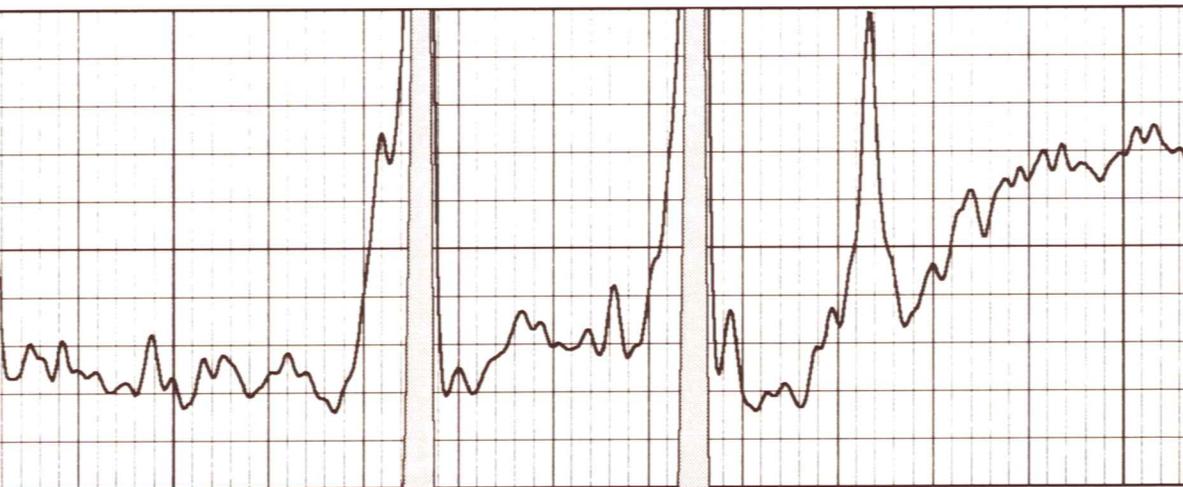
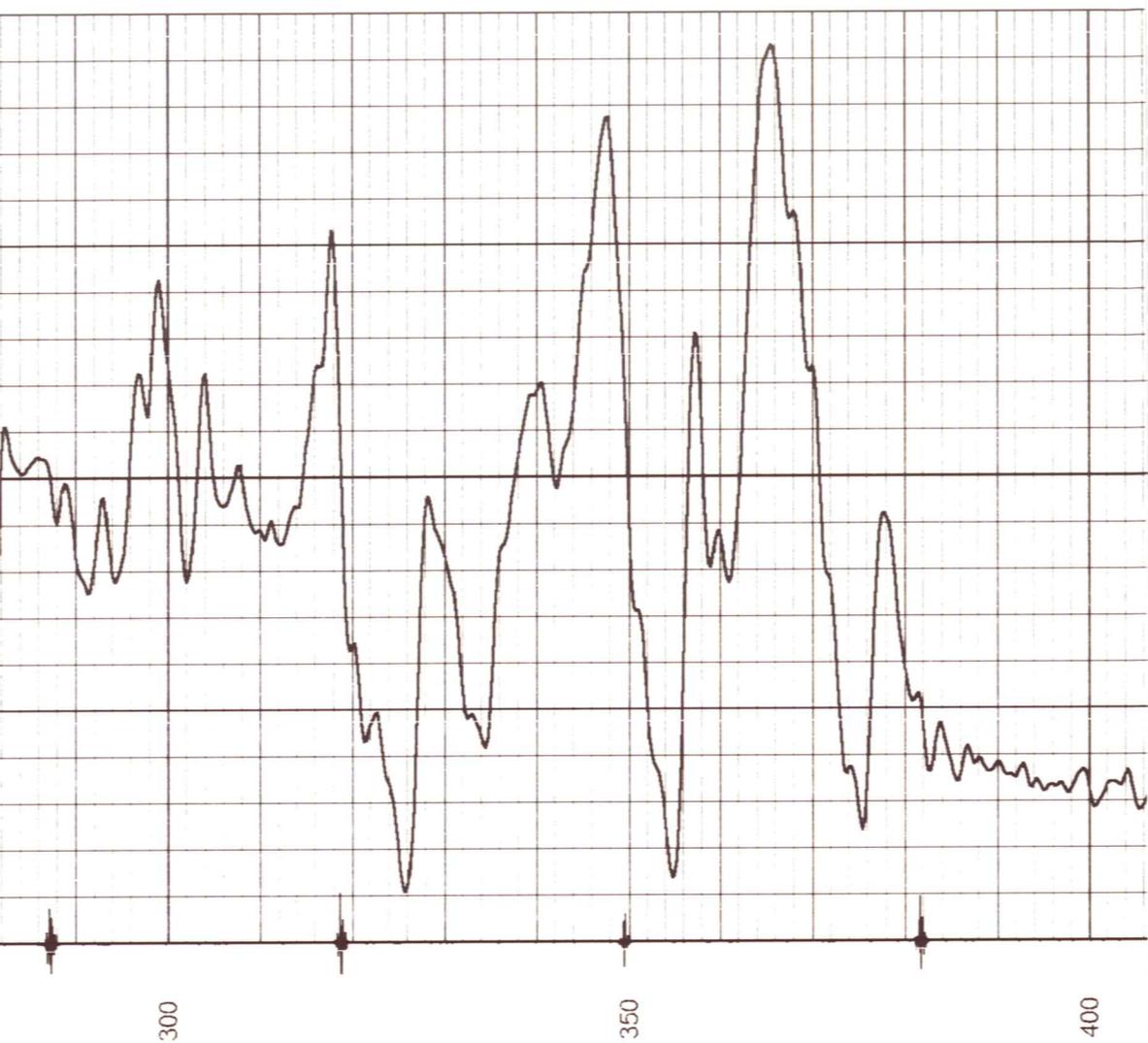
Drilling Contractor :
RJ Enterprises

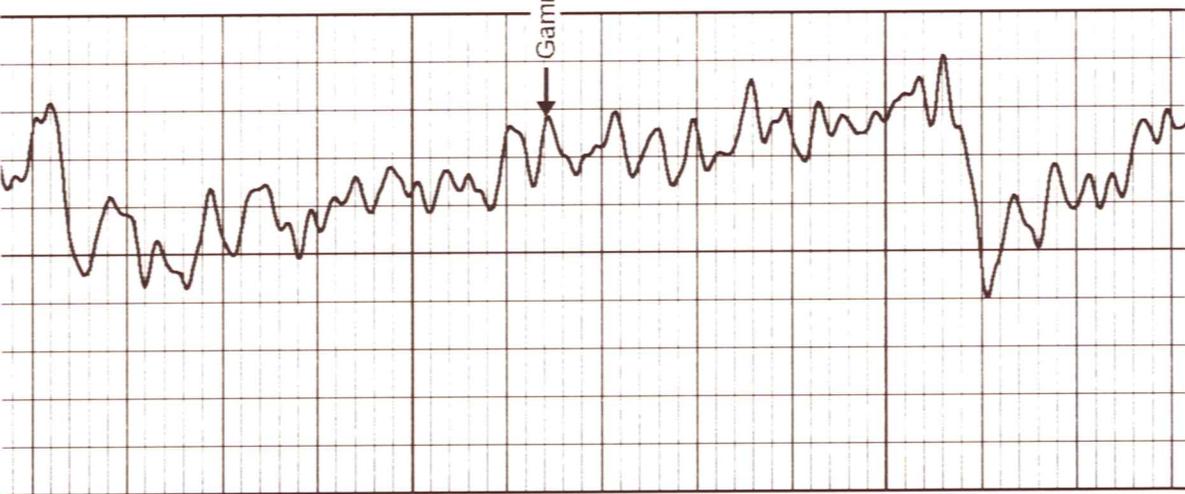
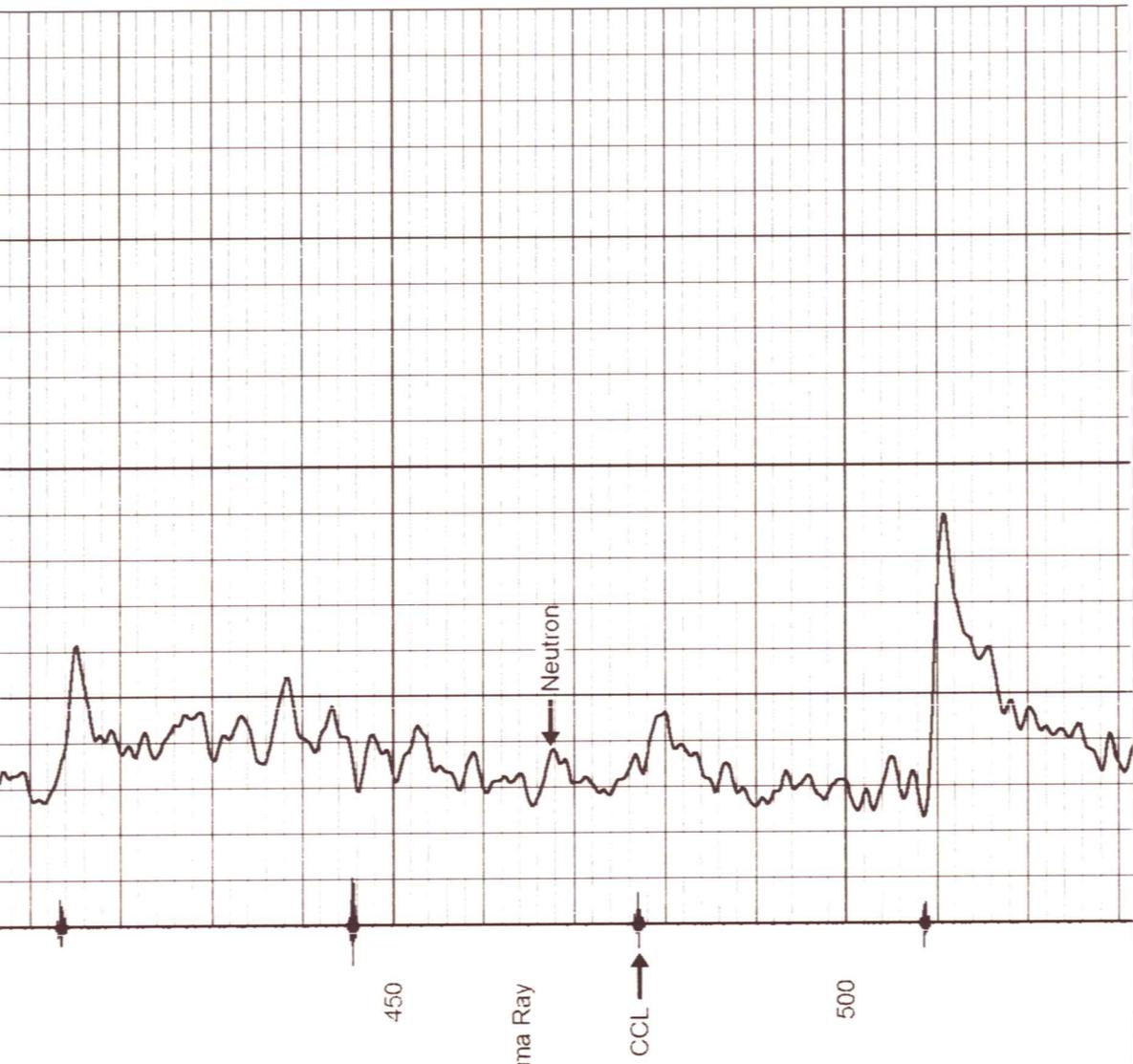
Database File: miller13.db
Dataset Pathname: pass1
Presentation Format: gr-n-cci
Dataset Creation: Thu Apr 26 15:56:04 2012 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240

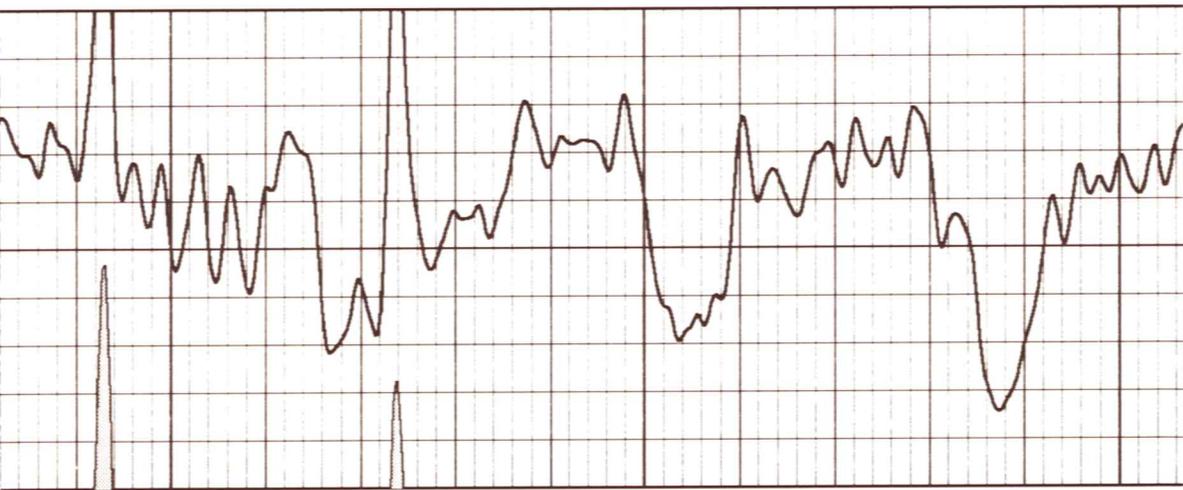
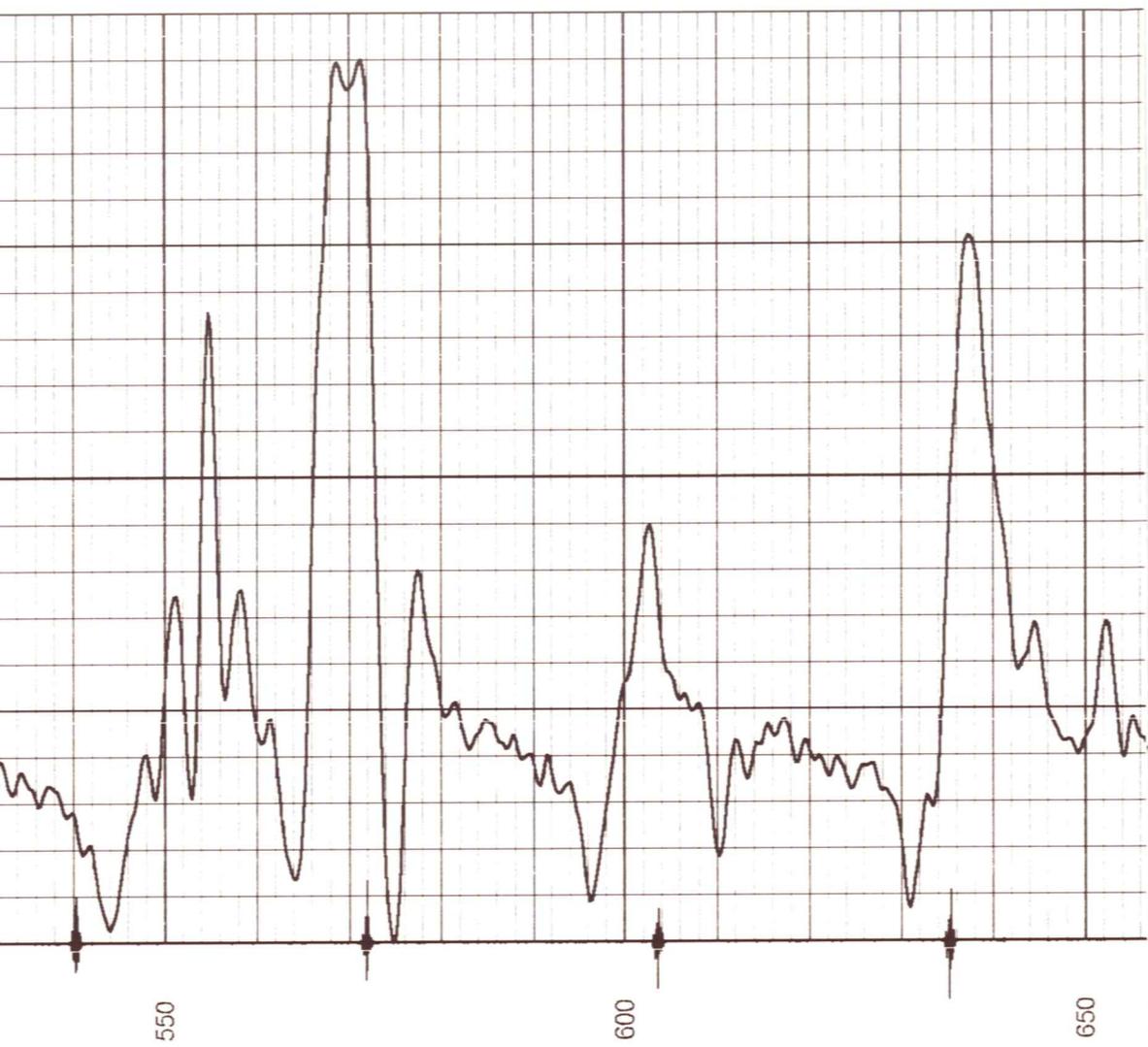


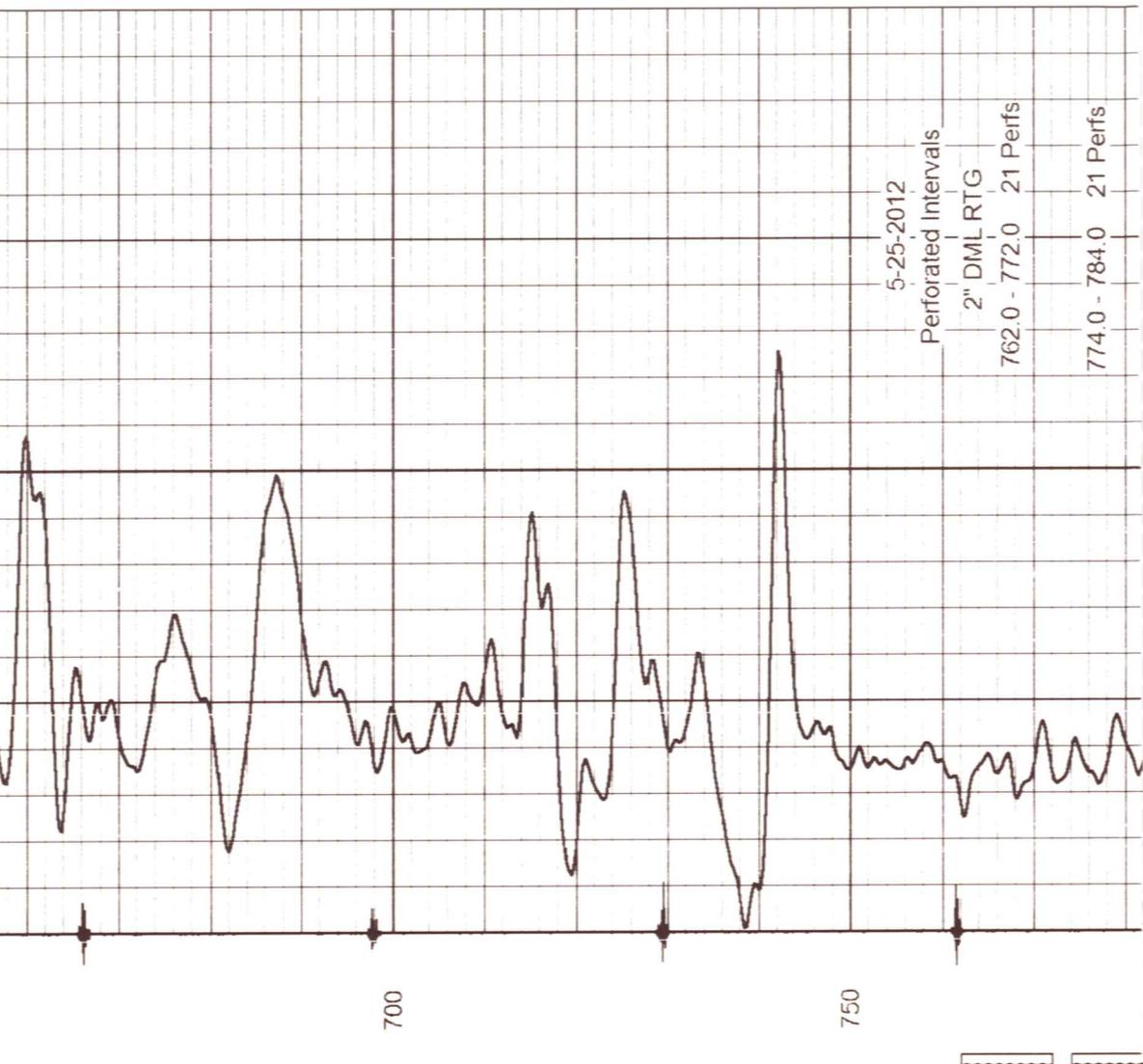












5-25-2012
Perforated Intervals
2" DML RTG
762.0 - 772.0 21 Perfs
774.0 - 784.0 21 Perfs

