



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

**GAMMA RAY / NEUTRON / CCL**

File No.

API # 15-207-28,155

Company **Haas Petroleum, LLC.**

Well **Massey No. 8-I-HP**

Field **Winterschied**

County **Woodson** State **Kansas**

Location **1415' FSL & 1900' FEL** Other Services  
**SW-SE-NW-SE** Perforate

Sec. **35** Twp. **23s** Rge. **14e** Elevation  
 Permanent Datum **GL** Elevation **1130'** K.B. **1134'**  
 Log Measured From **GL** D.F. **NA**  
 Drilling Measured From **KB 4' From GL** G.L. **1130'**

Date	05-24-2012		
Run Number	One		
Depth Driller	1691.0		
Depth Logger	1679.0		
Bottom Logged Interval	1678.0		
Top Log Interval	200.0		
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	107	Osawatomie
Recorded By	Steve Windisch		
Witnessed By	Mark Haas		

RUN No.	BORE-HOLE RECORD			CASING RECORD			
	BIT	FROM	TO	SIZE	WGT.	FROM	TO
One	12.25"	0.0	40.0	8.625"		0.0	40.0
Two	6.75"	40.0	1691.0	4.50"		0.0	1685.0

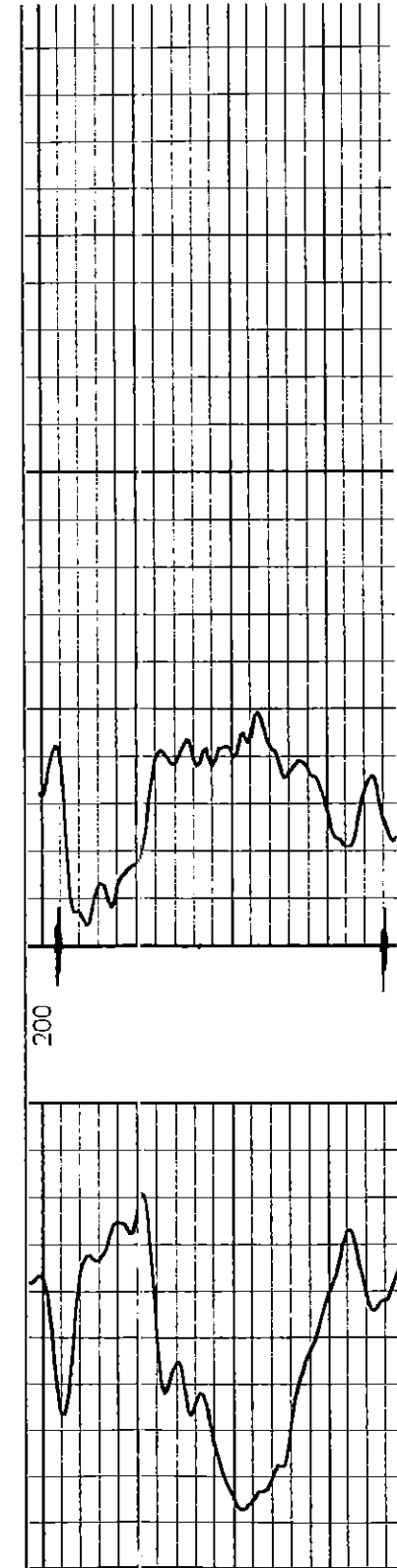
<<< Fold Here >>>

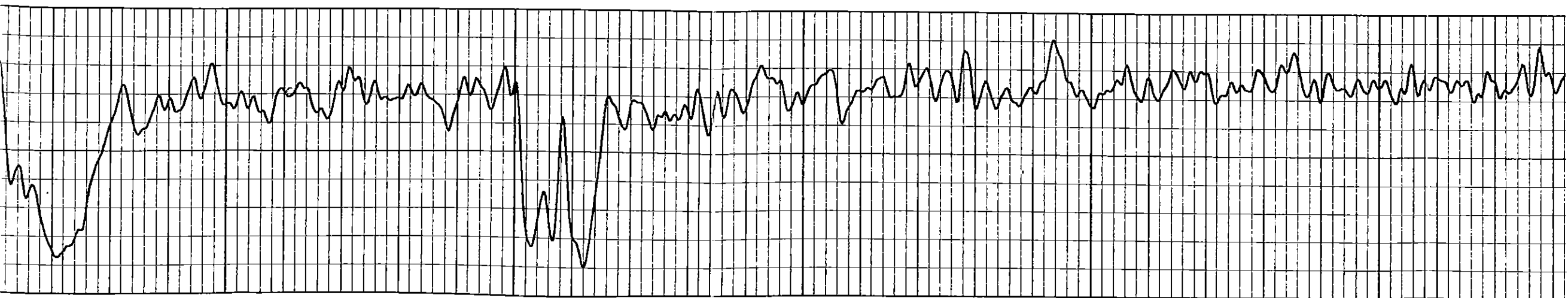
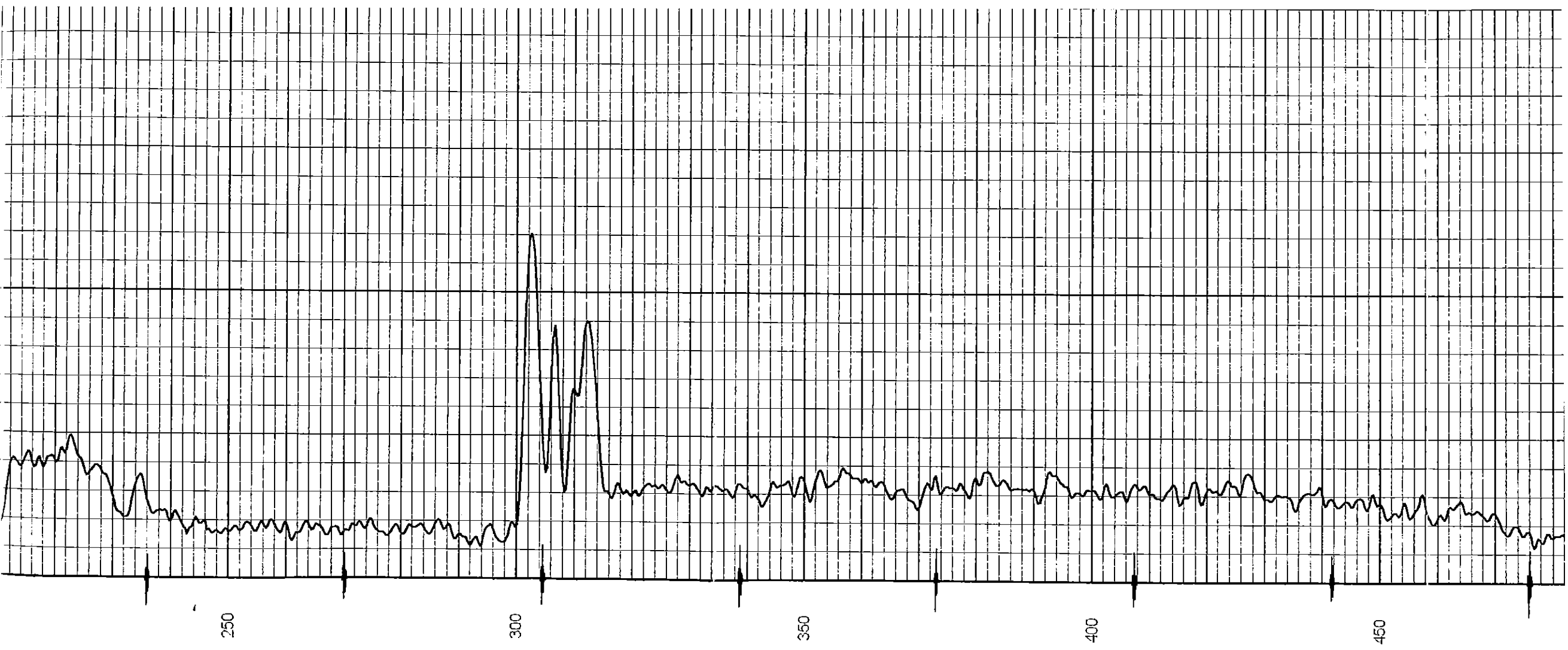
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

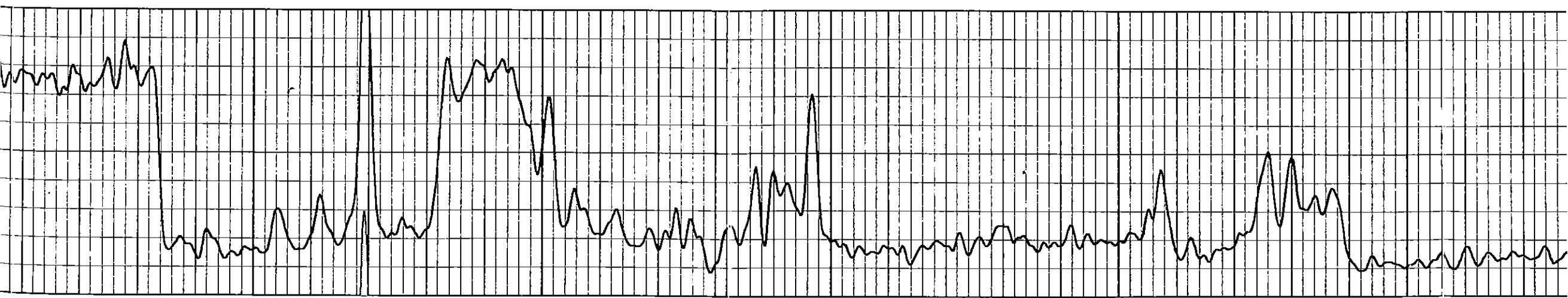
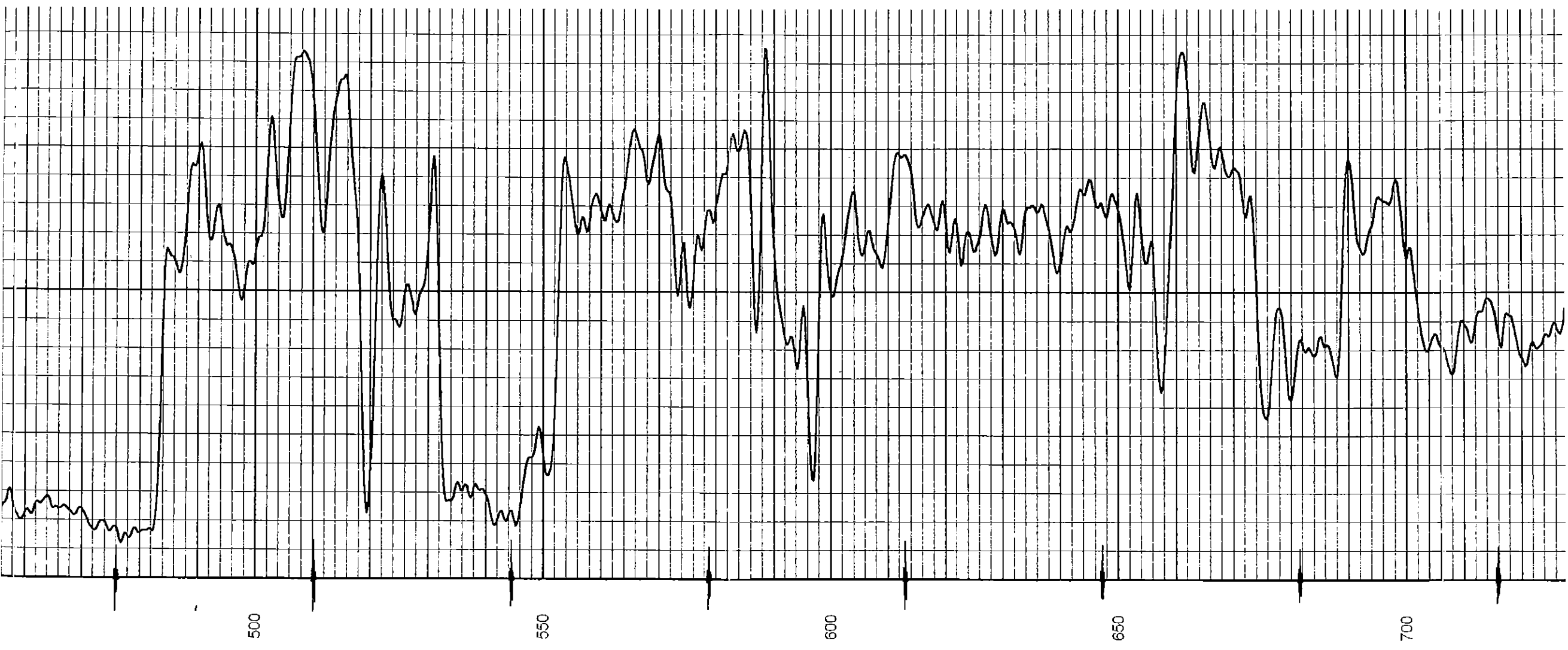
Comments

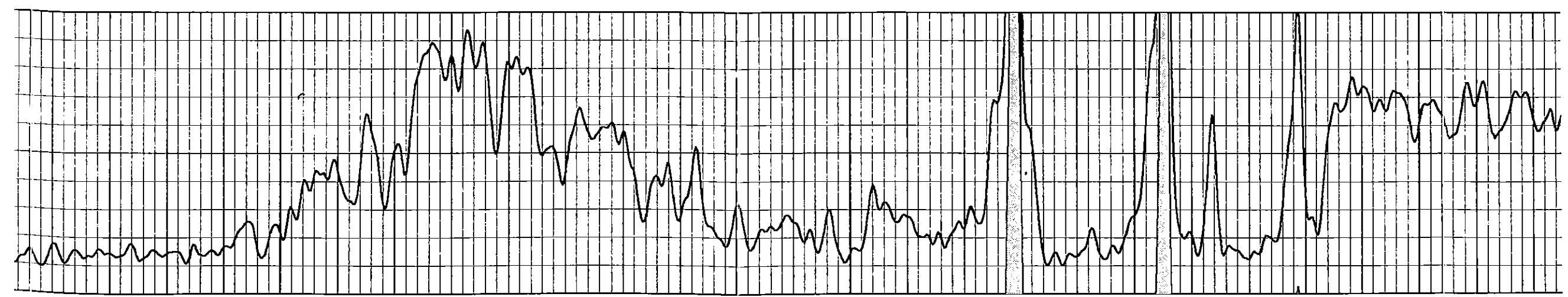
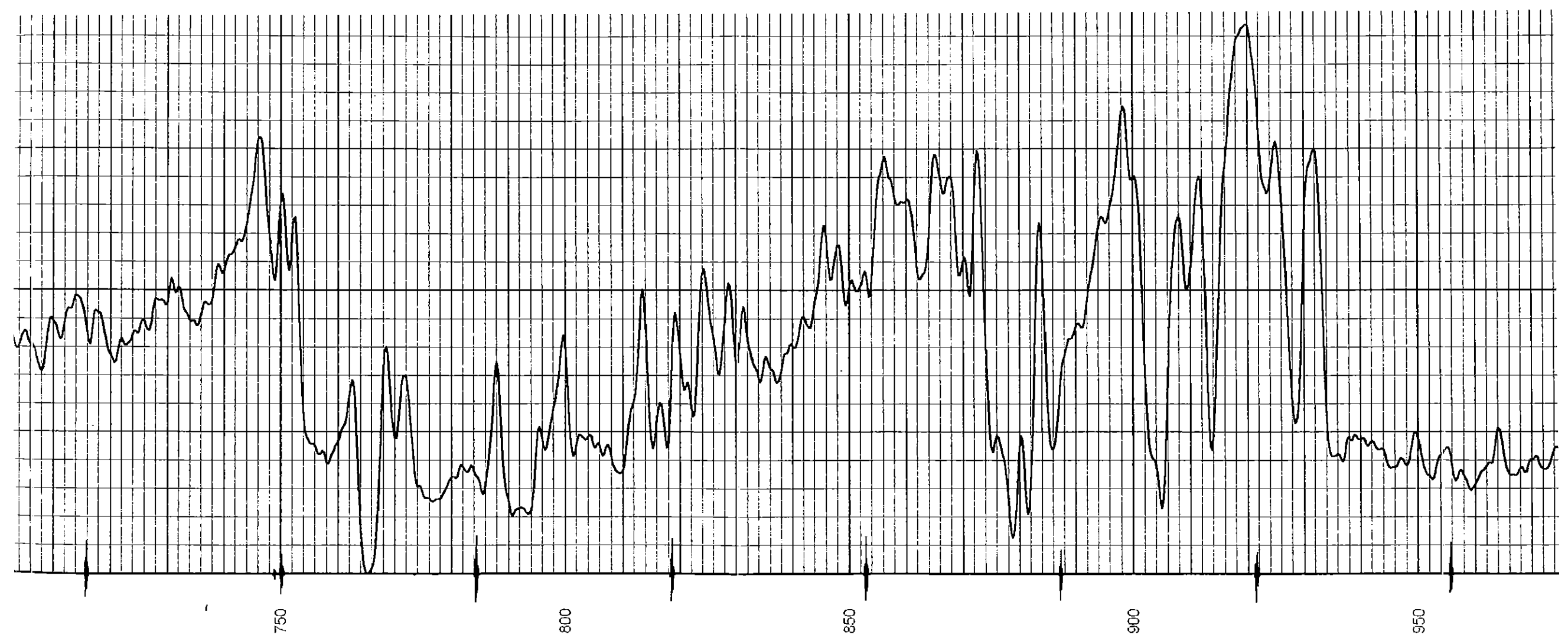
Drilling Contractor :  
 Skyy Drilling Rig -2

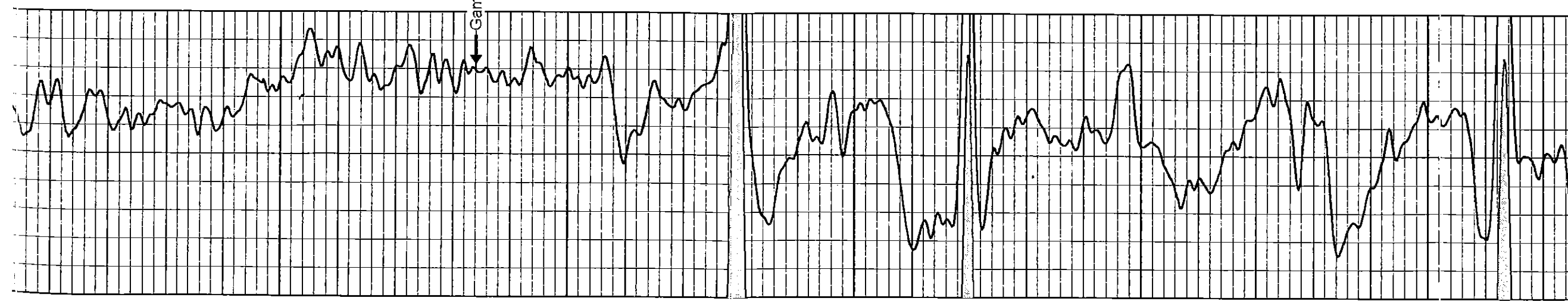
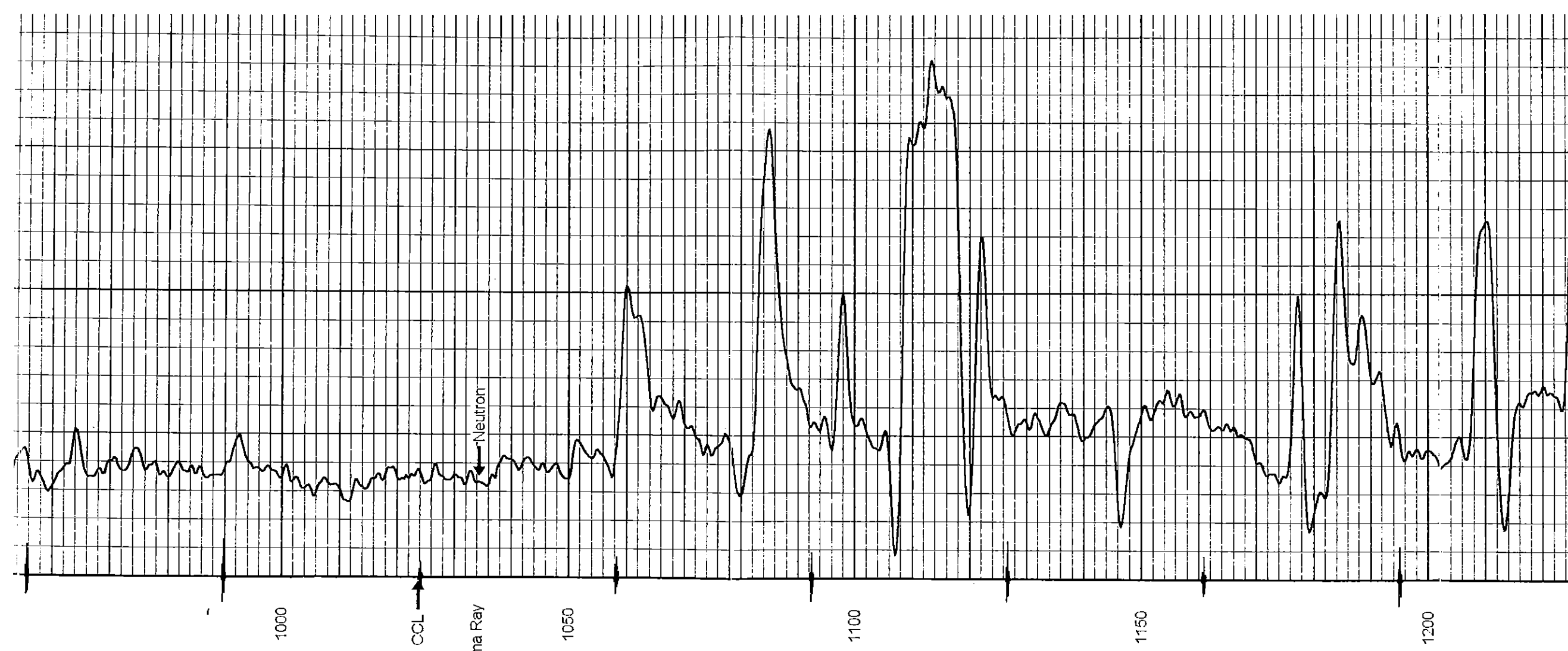
Database File: massey6i.db  
 Dataset Pathname: pass1  
 Presentation Format: gr-n-ccl  
 Dataset Creation: Thu May 24 10:26:49 2012 by Log SCH 111116  
 Charted by: Depth in Feet scaled 1:240

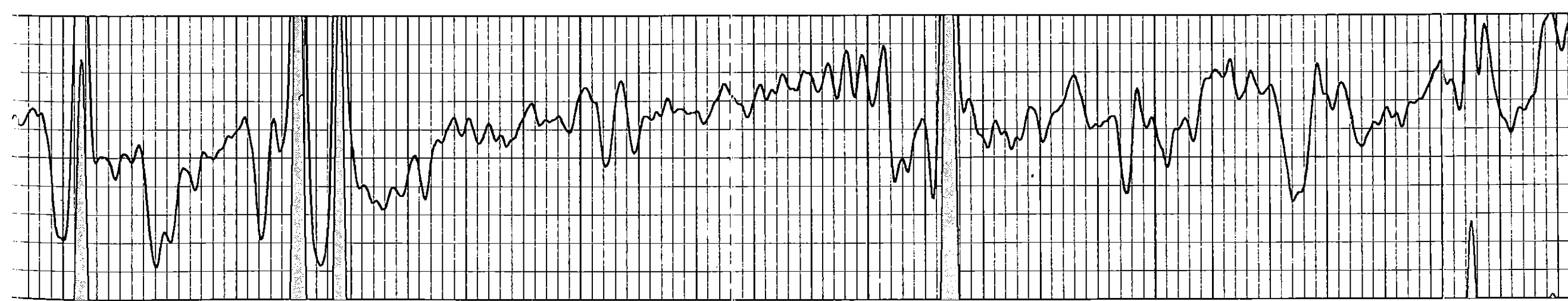
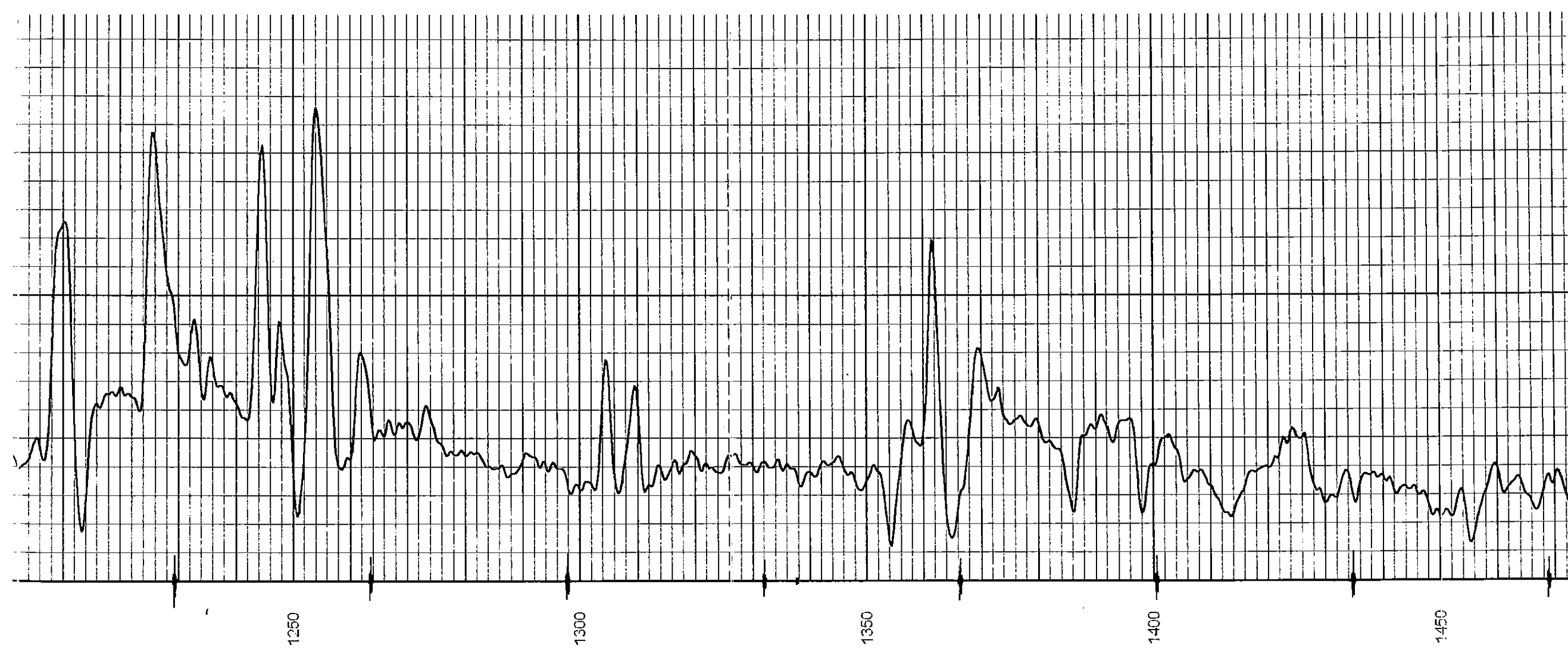


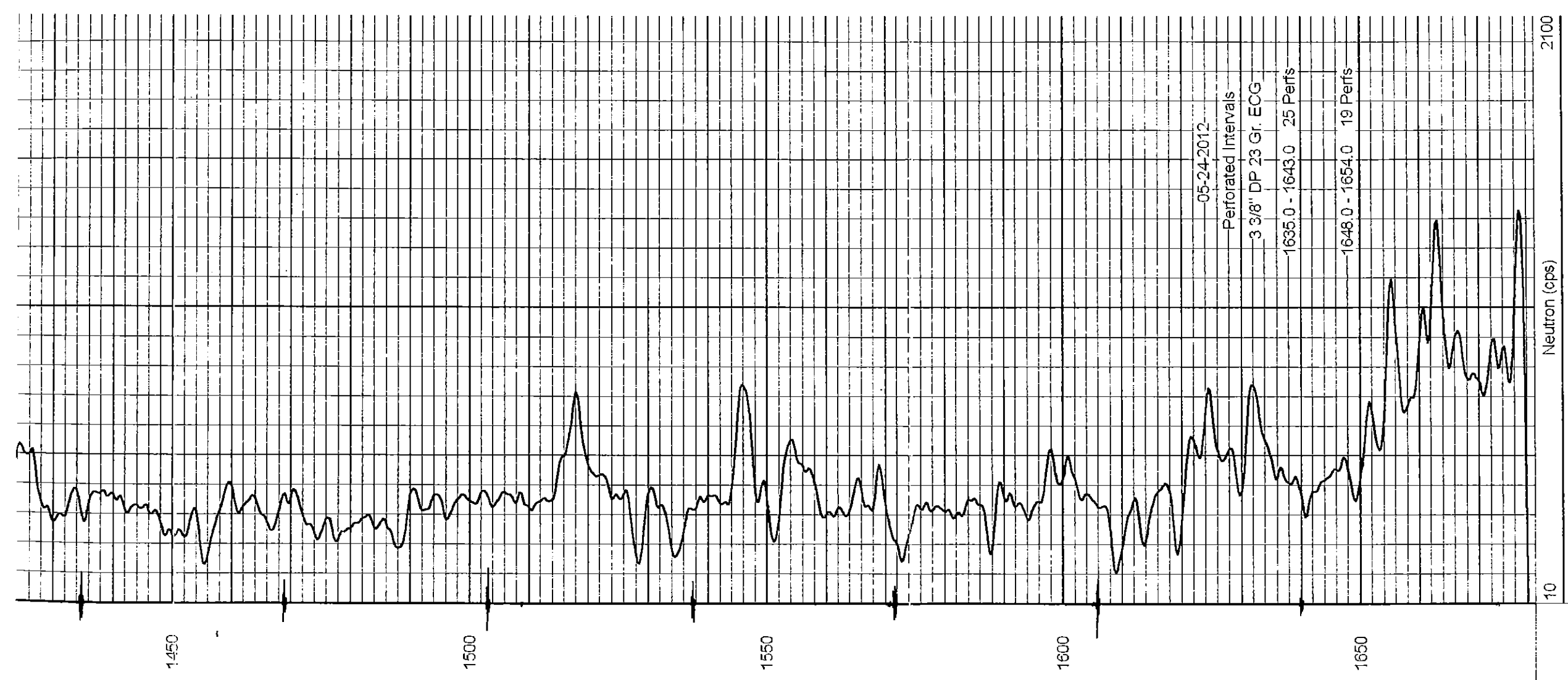
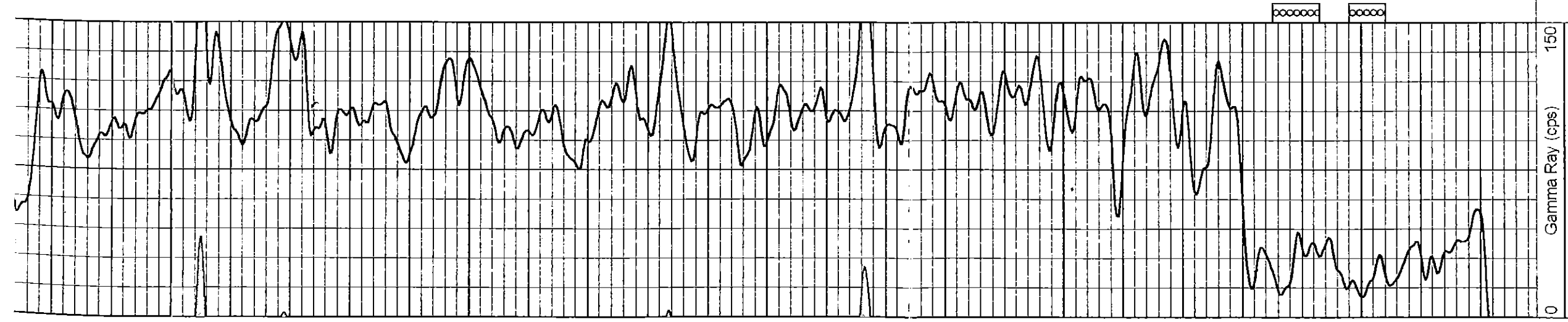












Gamma Ray (cps)

Neutron (cps)

2100

10

150

0

1450

1500

1550

1600

1650

05-24-2012

Perforated Intervals

3 3/8" DP 23 Gr. ECG

1635.0 - 1643.0 25 Perfs

1648.0 - 1654.0 19 Perfs