MIDWEST SURVEYS

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

GAMMA RAY / NEUTRON / CCL

File No.

API # 15-207-28,211

Company Haas Petroleum, LLC.
Well Massey No. 4-HP
Field Winterscheid
County Woodson State Kansas

Location 1650' FSL & 3630' FEL
SW-NE-SW

Sec. 35 Twp. 23s Rge. 14e

Other Services
Perforate

Permanent Datum GL Elevation 1142'
Log Measured From GL
Drilling Measured From KB 4' From GL

Elevation
K.B. 1146'
D.F. NA
G.L. 1142'

Date		08-30-2012				
Run Number		One				
Depth Driller		1723.0				
Depth Logger		1707.9				
Bottom Logged Interval		1706.9				
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	BORE-HOLE RECORD			CASING RECORD			
No.	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	1723.0	4.50"		0.0	1714.0

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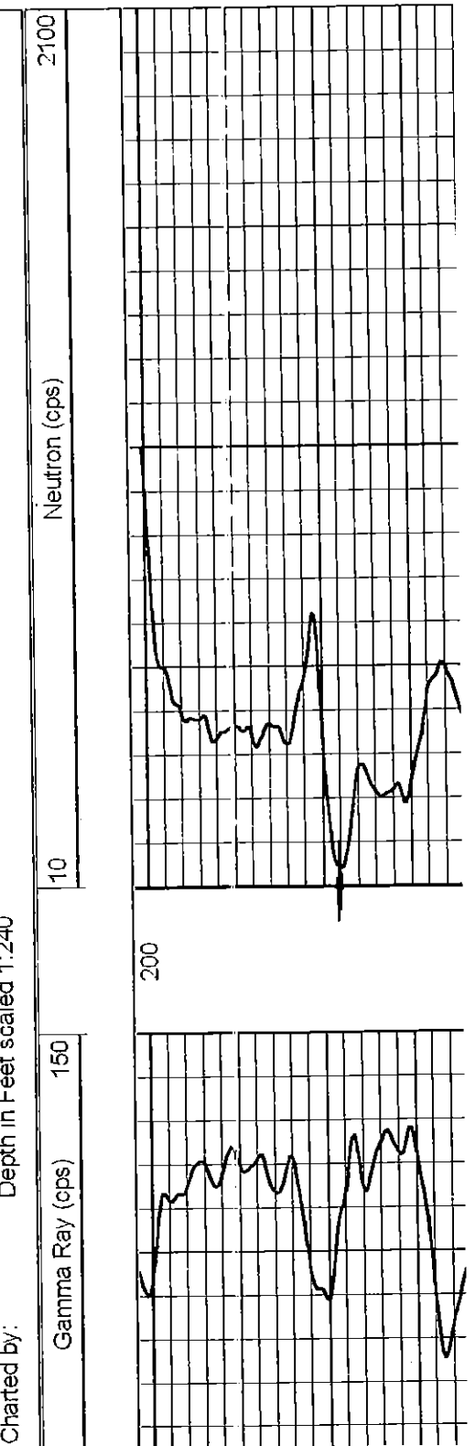
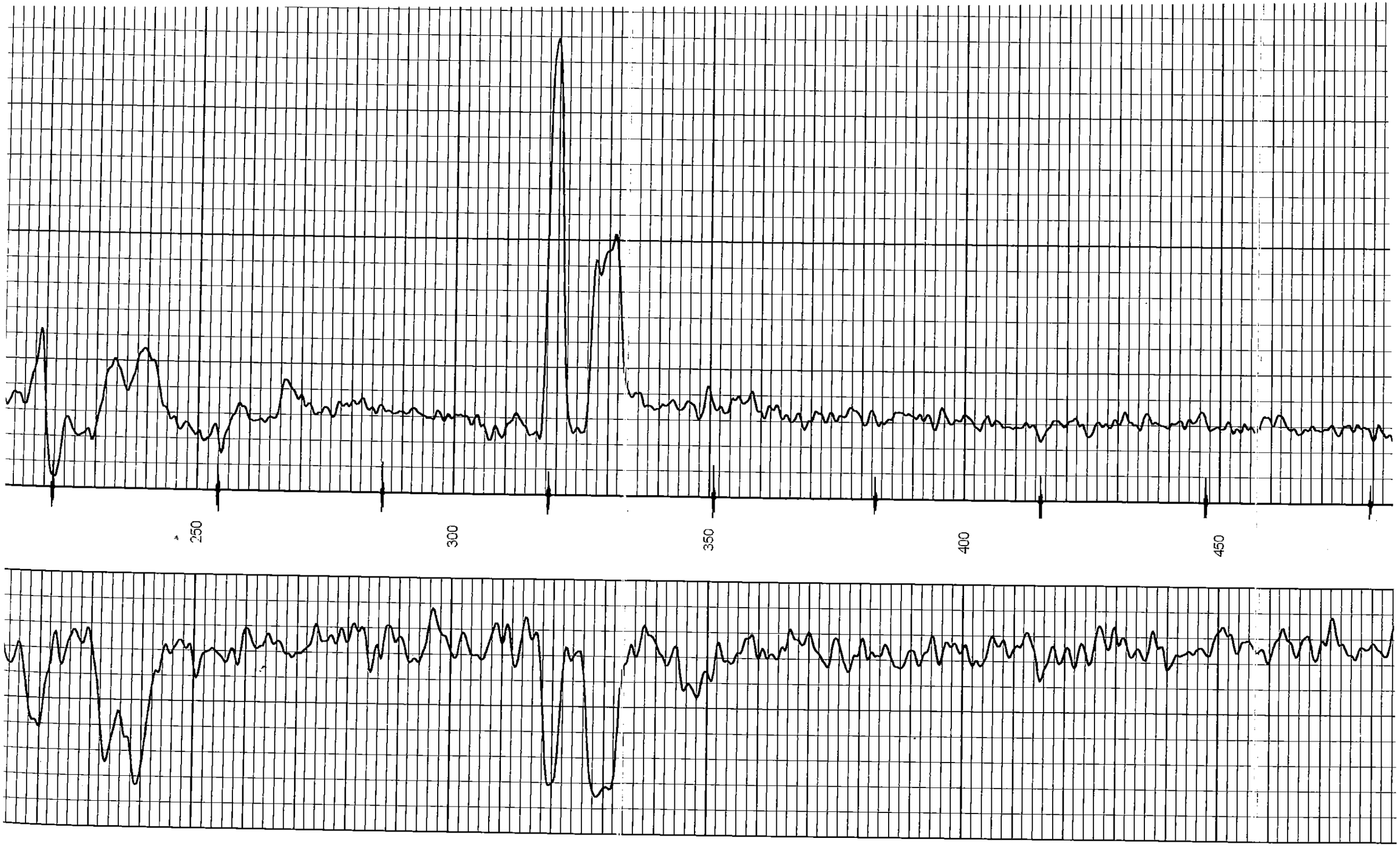
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

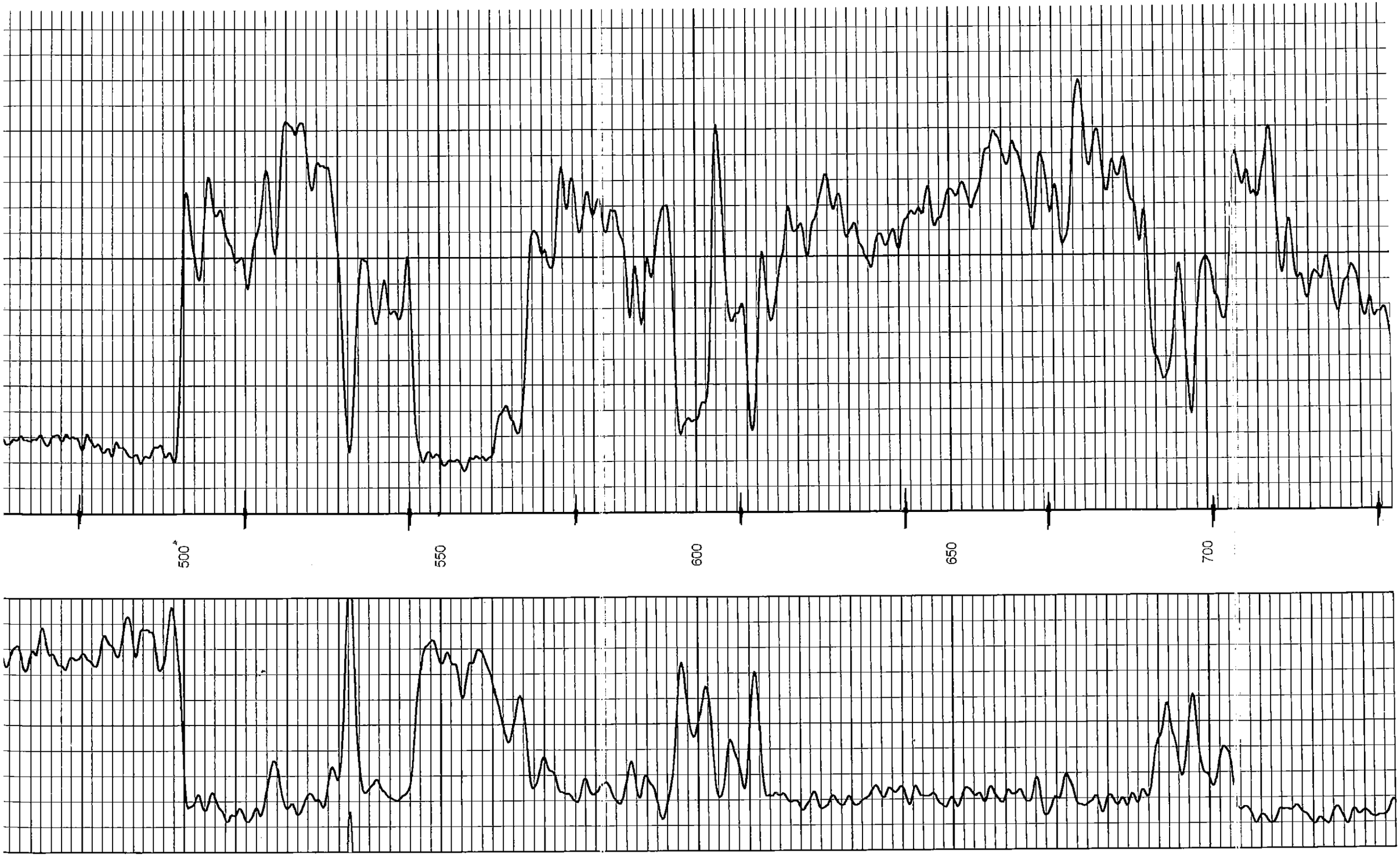
Comments

Drilling Contractor :
Skyy Drilling Rig -2

Database File: massey4.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Thu Aug 30 11:34:28 2012 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240




250
300
350
400
450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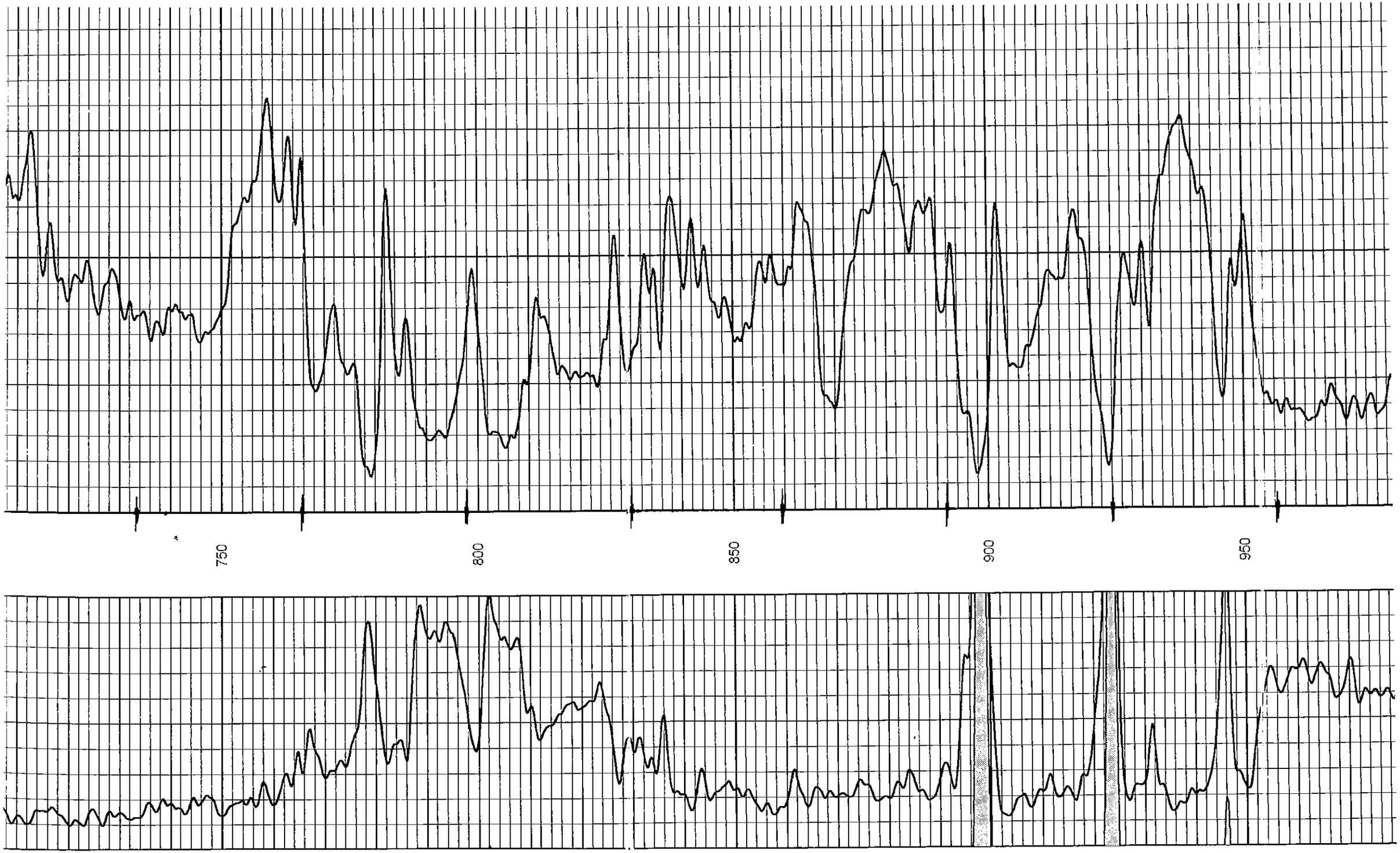
600
650
700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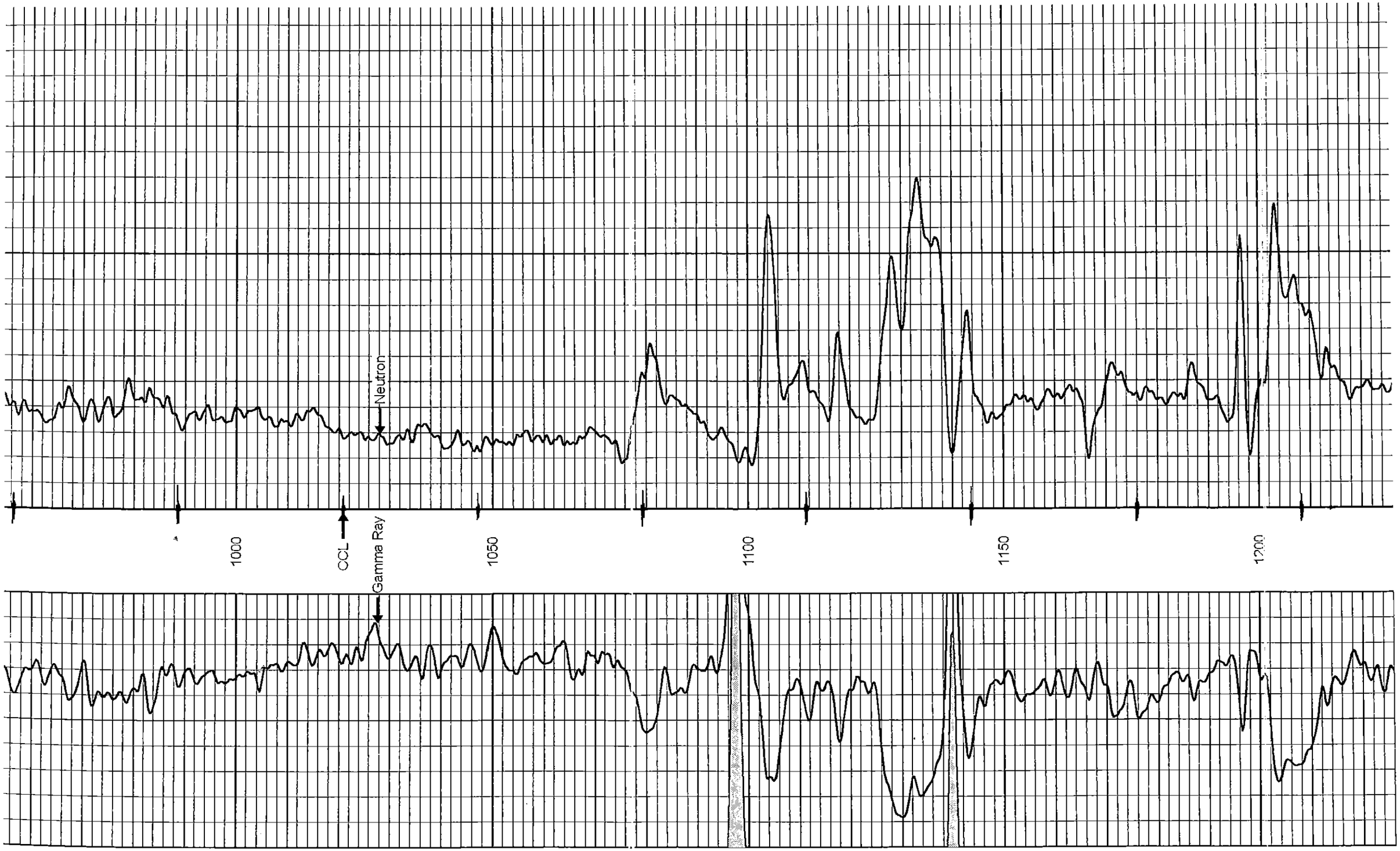
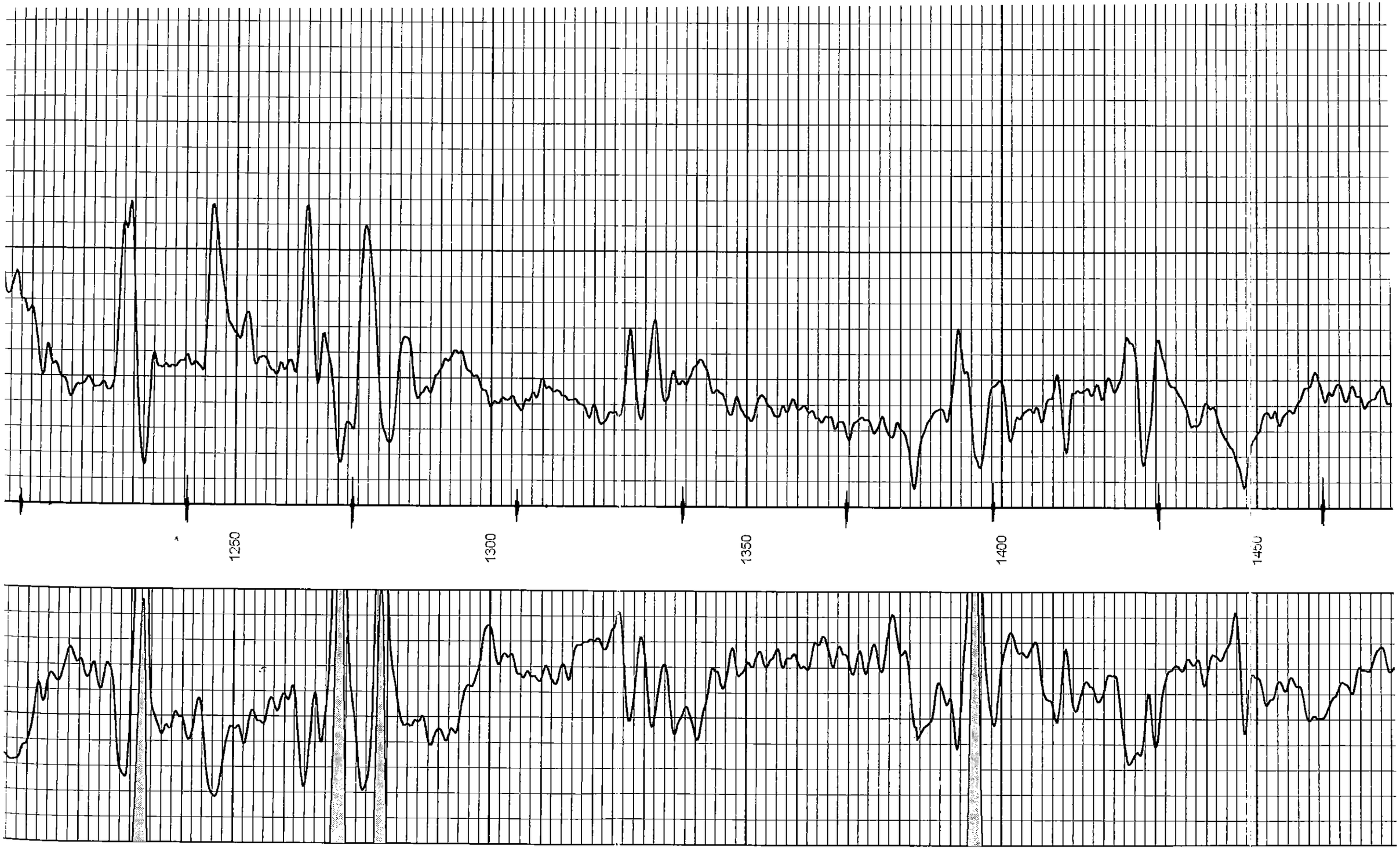
800
850
900
950


Neutron
1000
CCL
Gamma Ray
1050
1100
1150
1200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1400
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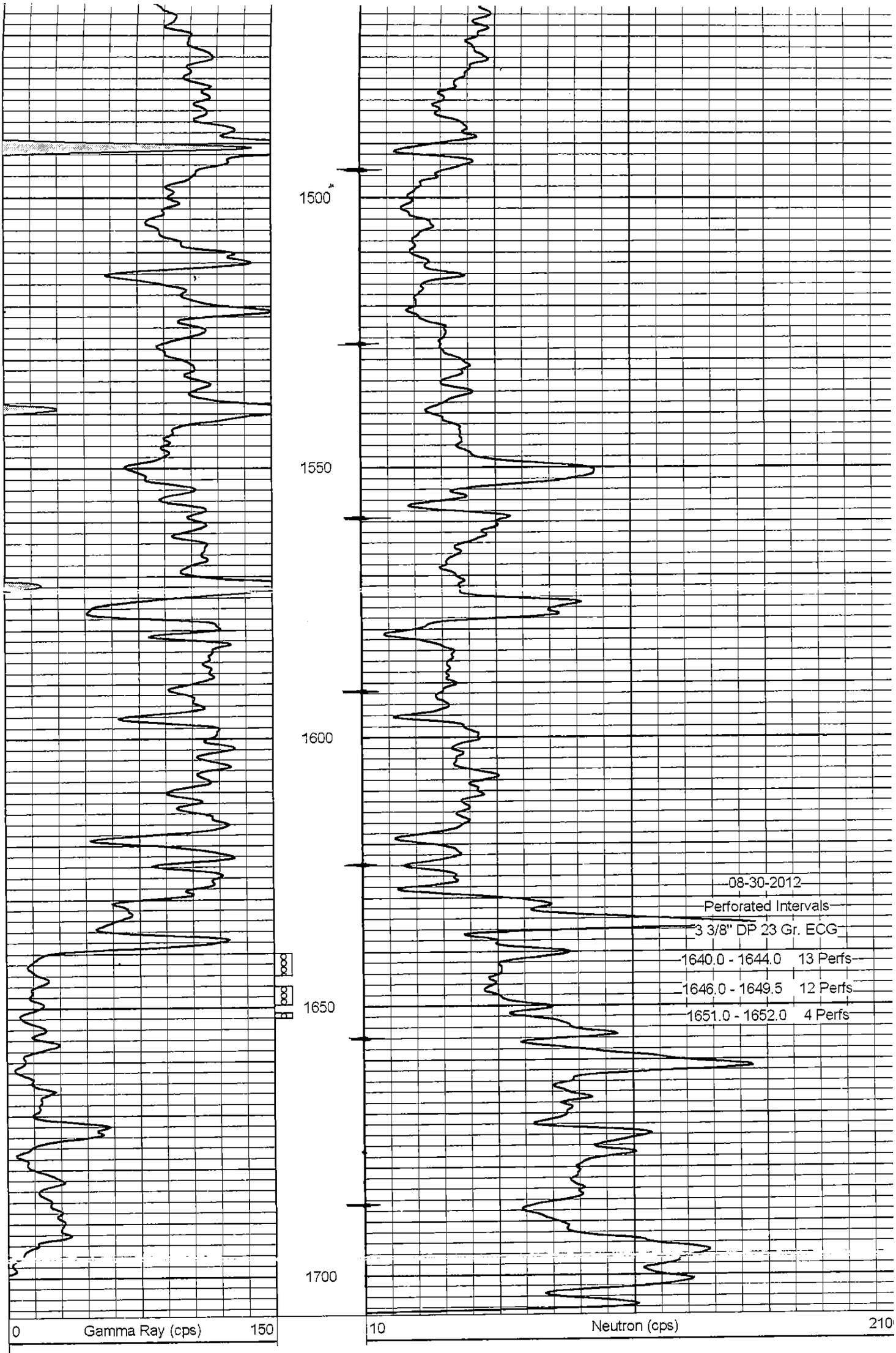
1500
1550
1600
1650
1700
08-30-2012
Perforated Intervals
3 3/8" DP 23 Gr. ECG
1640.0 - 1644.0 13 Perfs
1646.0 - 1649.5 12 Perfs
1651.0 - 1652.0 4 Perfs
0
Gamma Ray (cps)
150
10
Neutron (cps)
210