

MIDWEST SURVEYS

LOGGING - PERFORATING - CONSULTING SERVICES
P.O. Box 68, Osawatomie, KS 66564
913 / 755 - 2128

GAMMA RAY / NEUTRON / CCL

File No.

Company Haas Petroleum, LLC
Well Miwes No. 2-HP
Field Iola
County Allen State Kansas

Location 165' FNL & 1510' FEL
NE-NE-NW-NE
Other Services Perforate

API # 15-001-31,092

Sec. 8 Twp. 24S Rge. 19E
Permanent Datum GL Elevation NA
Log Measured From GL
Drilling Measured From GL

Date	06-13-2014						
Run Number	One						
Depth Driller	1039.0						
Depth Logger	1033.0						
Bottom Logged Interval	1032.0						
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	John Haas						
RUN	BORE-HOLE RECORD				CASING RECORD		
No.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
One	9.875"	0.0	20.0	7.00"	17.0 #	0.0	20.0
Two	5.675"	20.0	1039.0	2.875"	6.5 #	0.0	1033.0

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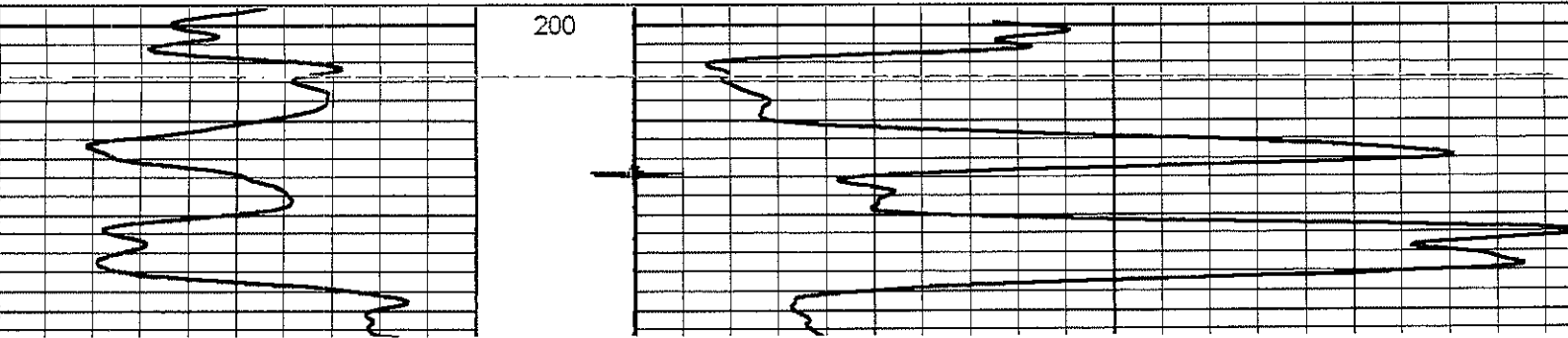
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, cost,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

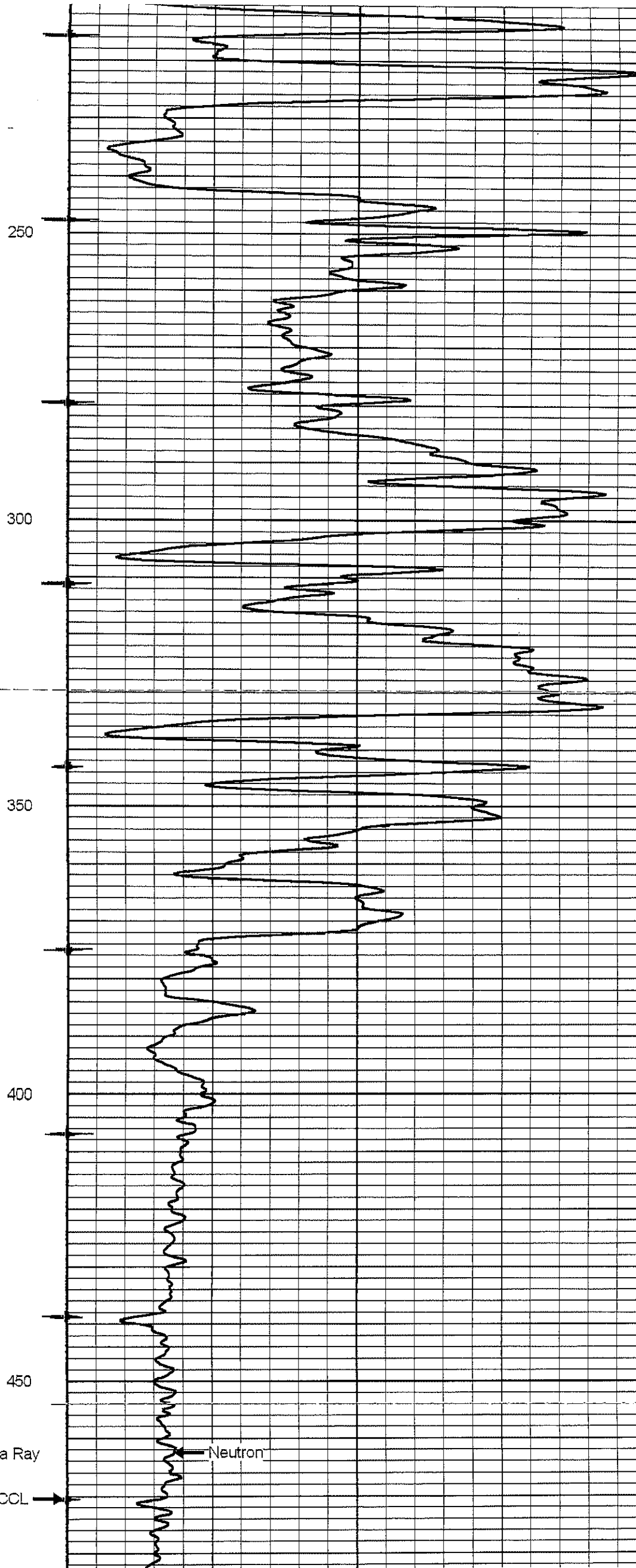
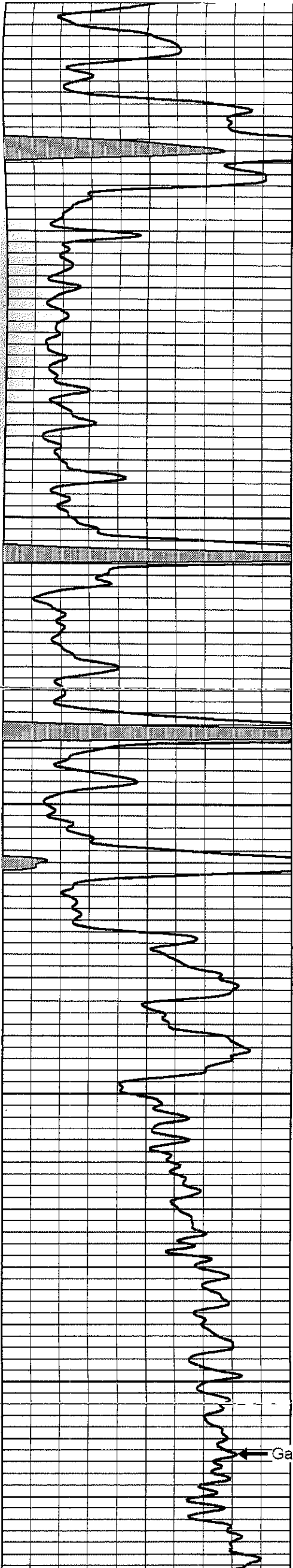
Comments

Drilling Contractor :
Town Oilfield Services, Inc.

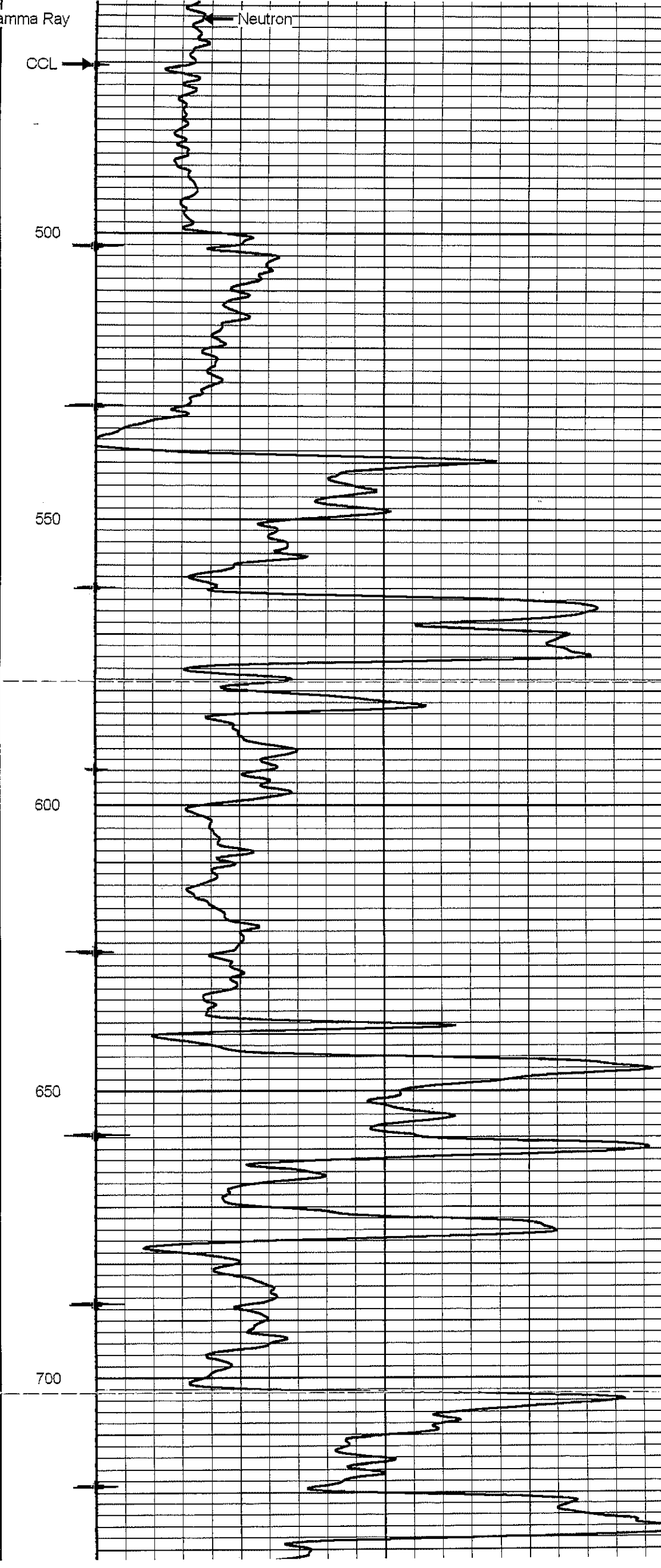
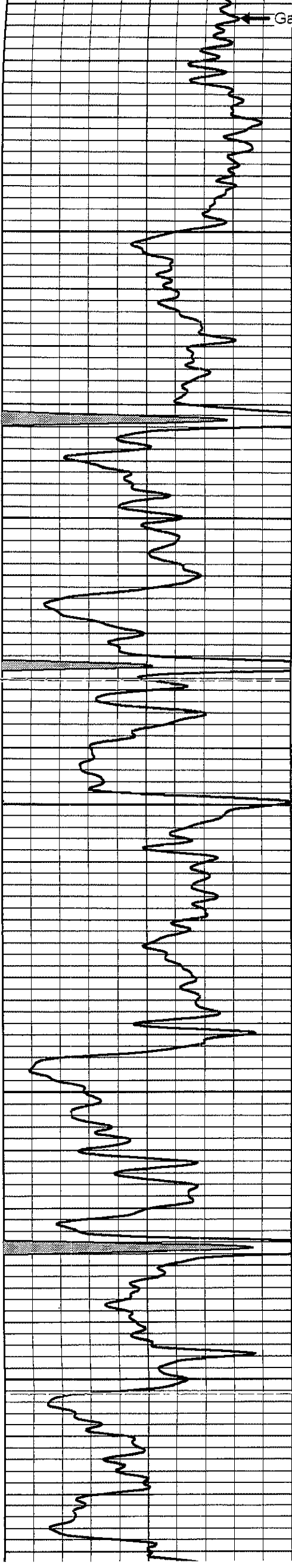
Database File: miwes 2hp.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Fri Jun 13 09:25:43 2014 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240

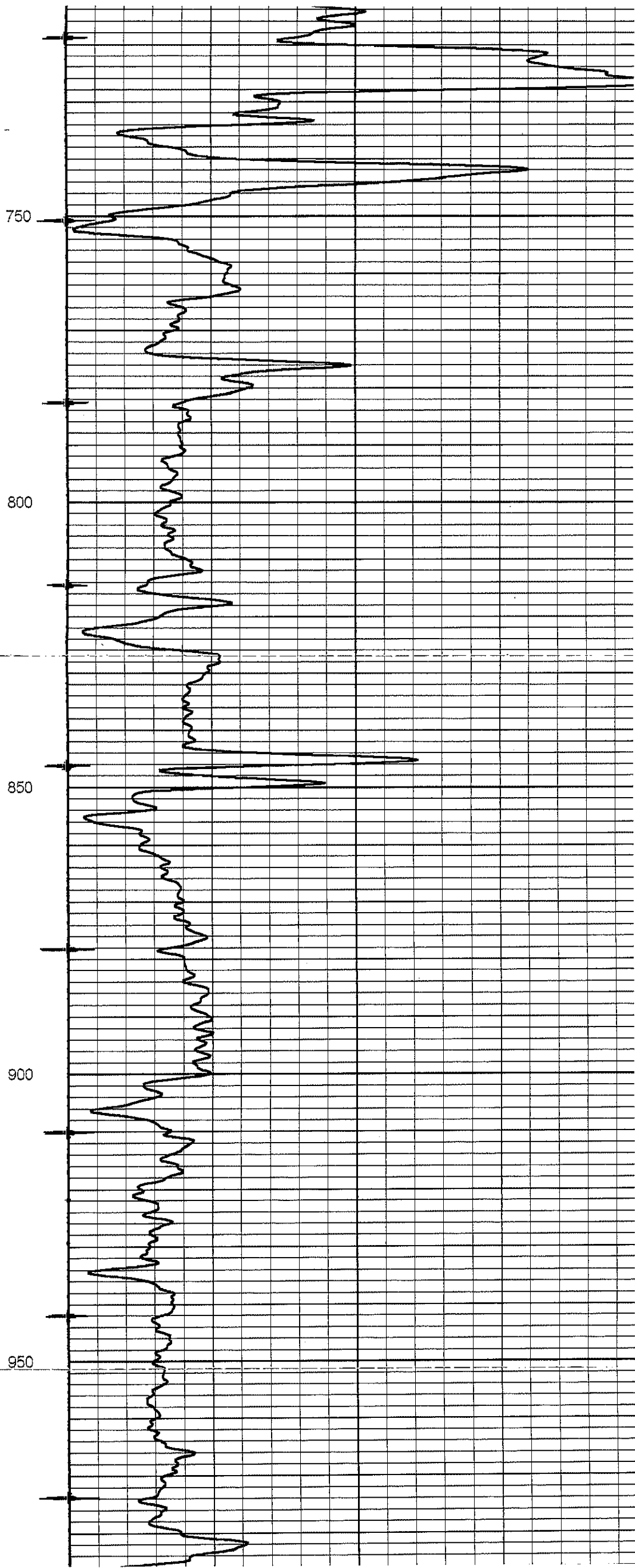
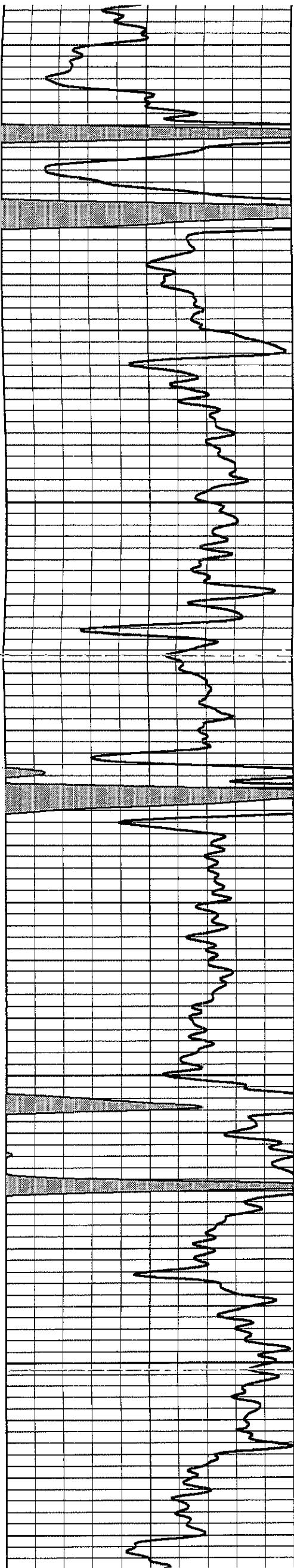
0	Gamma Ray (cps)	150	-1 CCL 1		
150	Gamma Ray (cps)	300	10	Neutron (cps)	2100

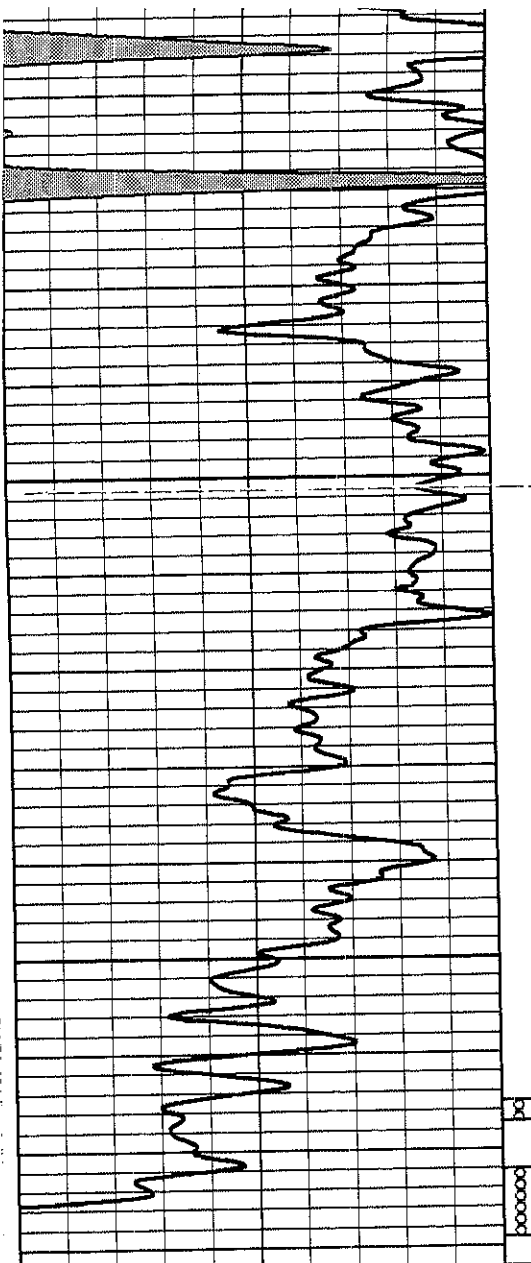




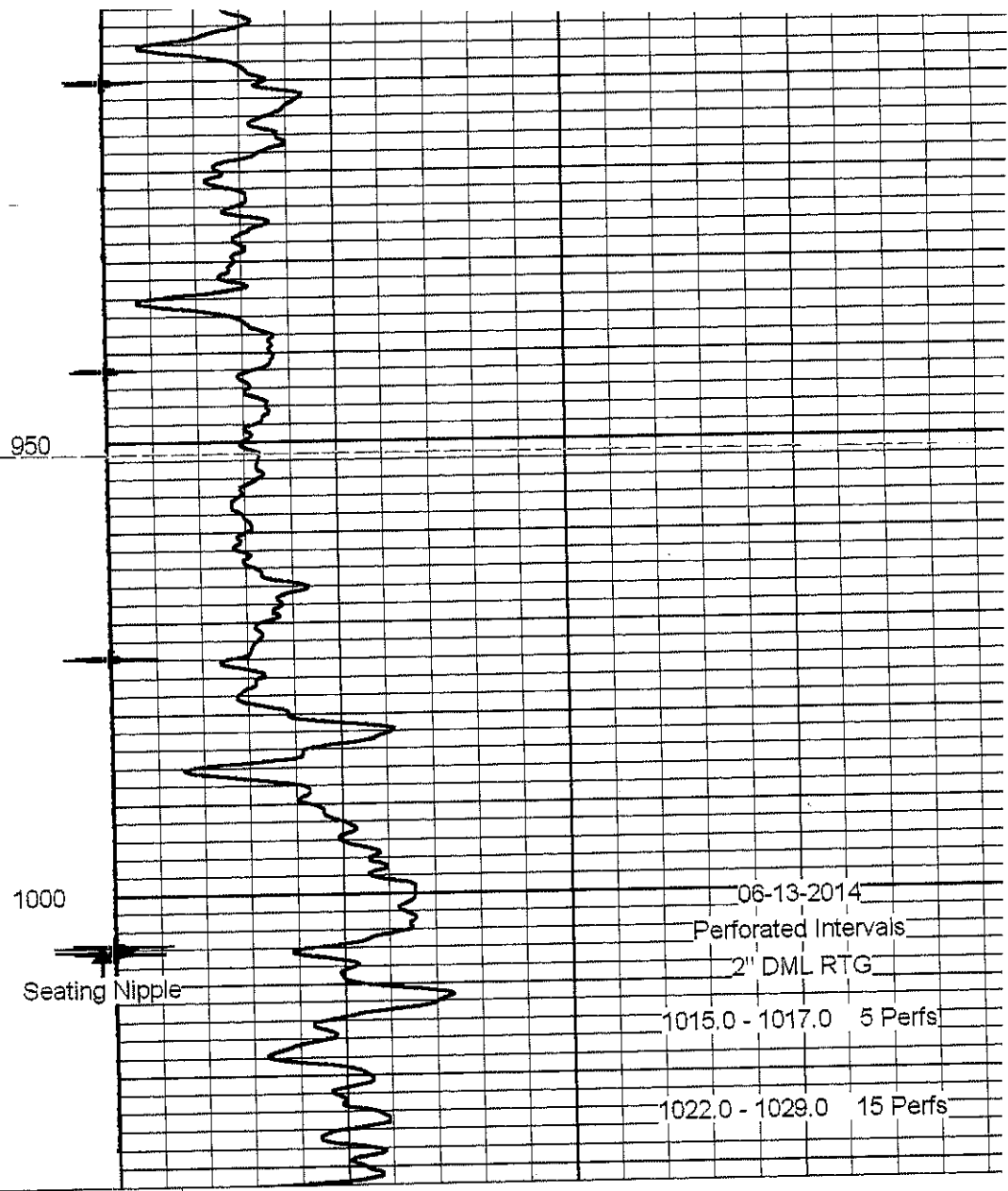
CCL







0	Gamma Ray (cps)	150
150	Gamma Ray (cps)	300



-1	OCL	1
10		

Neutron (cps)	21
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06-13-2014
Perforated Intervals
2" DML RTG
1015.0 - 1017.0 5 Perfs
1022.0 - 1029.0 15 Perfs