

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. 1-HP			
Field Iola			
County Allen		State Kansas	
Location 165' FNL & 1815' FEL NW-NE-NW-NE		Other Services Perforate	
Sec. 8	Twp. 24S	Rge. 19E	Elevation
Permanent Datum GL		Elevation NA	K.B. NA
Log Measured From GL			D.F. NA
Drilling Measured From GL			G.L. NA
Date 06-13-2014			
Run Number One			
Depth Driller 1039.0			
Depth Logger 1034.9			
Bottom Logged Interval 1033.9			
Top Log Interval 130.0			
Fluid Level Full			
Type Fluid Water			
Density / Viscosity NA			
Salinity - PPM Cl NA			
Max Recorded Temp NA			
Estimated Cement Top 0.0			
Equipment No. 107	Location Osawatomie		
Recorded By Steve Windisch			
Witnessed By John Haas			
RUN			
BORE-HOLE RECORD			
No.	BIT	FROM	TO
One	12.25"	0.0	20.0
Two	6.75"	20.0	1039.0
CASING RECORD			
	SIZE	WGT.	FROM
	8.625"	24.0 #	0.0
	4.50"	9.5 #	0.0
			1037.0

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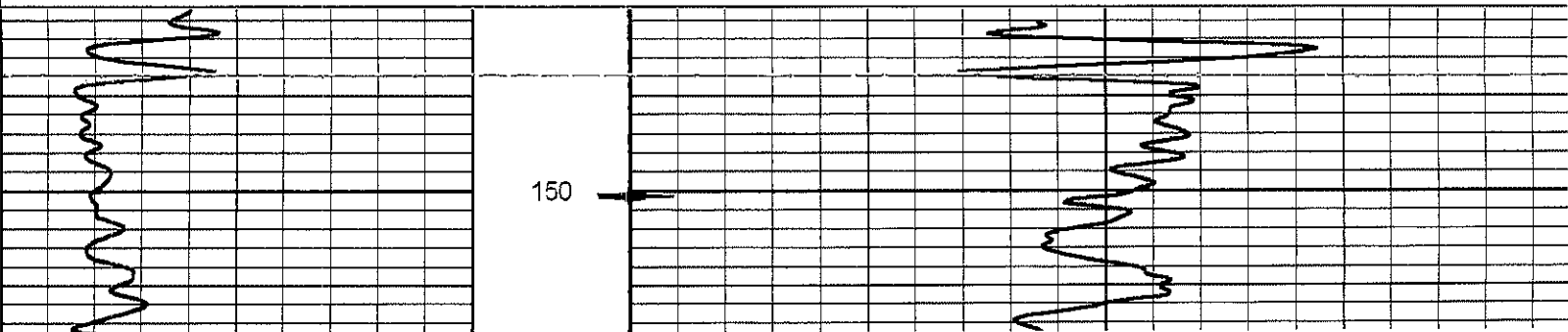
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

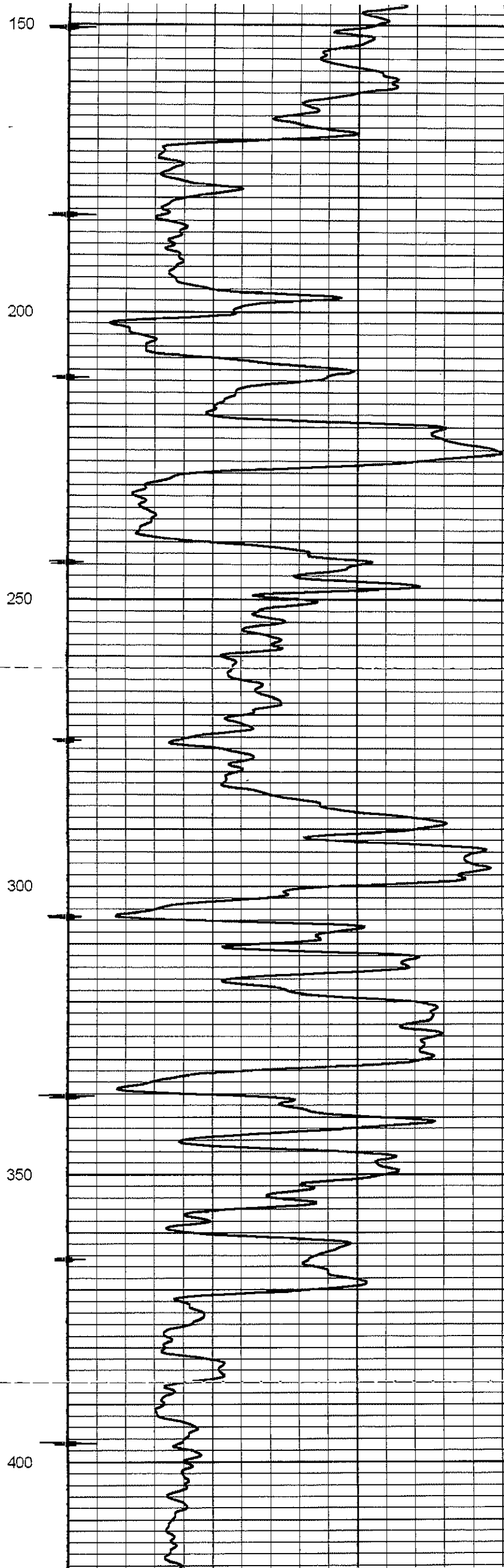
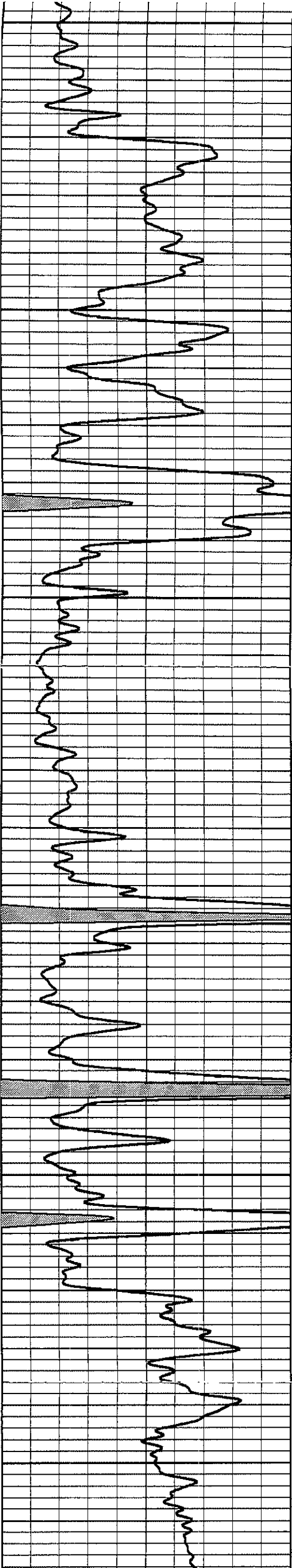
Comments

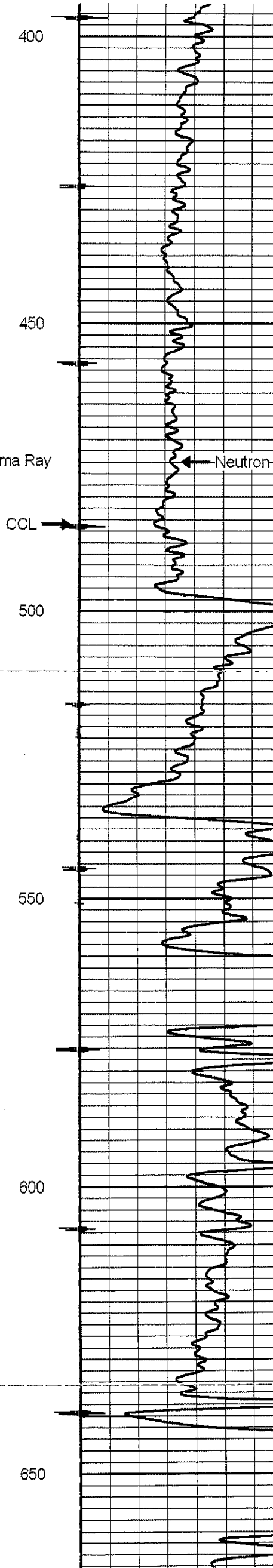
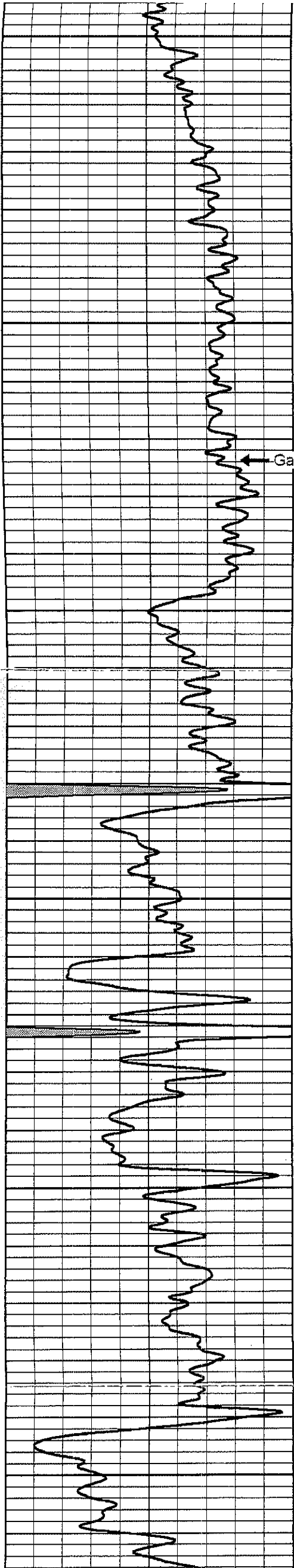
Drilling Contractor :
Town Oilfield Services, Inc.

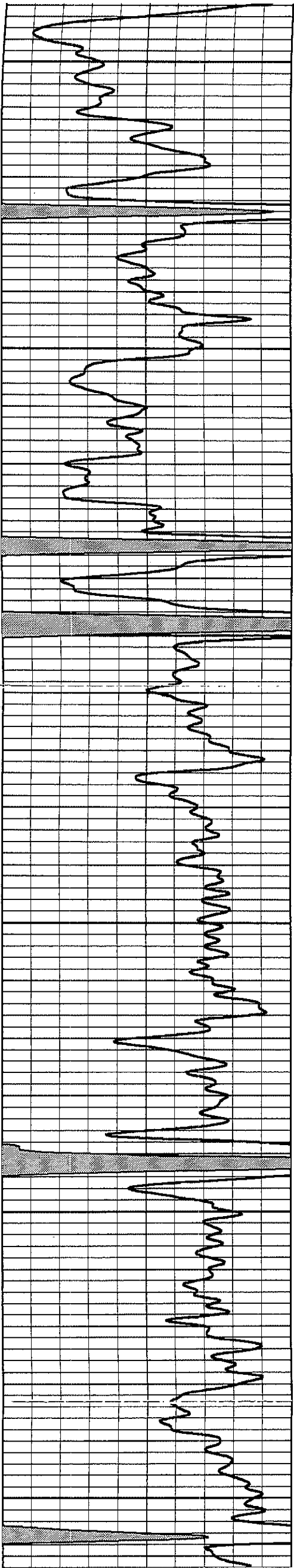
Database File: miwes 1hp.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Fri Jun 13 10:37:33 2014 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240

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









650

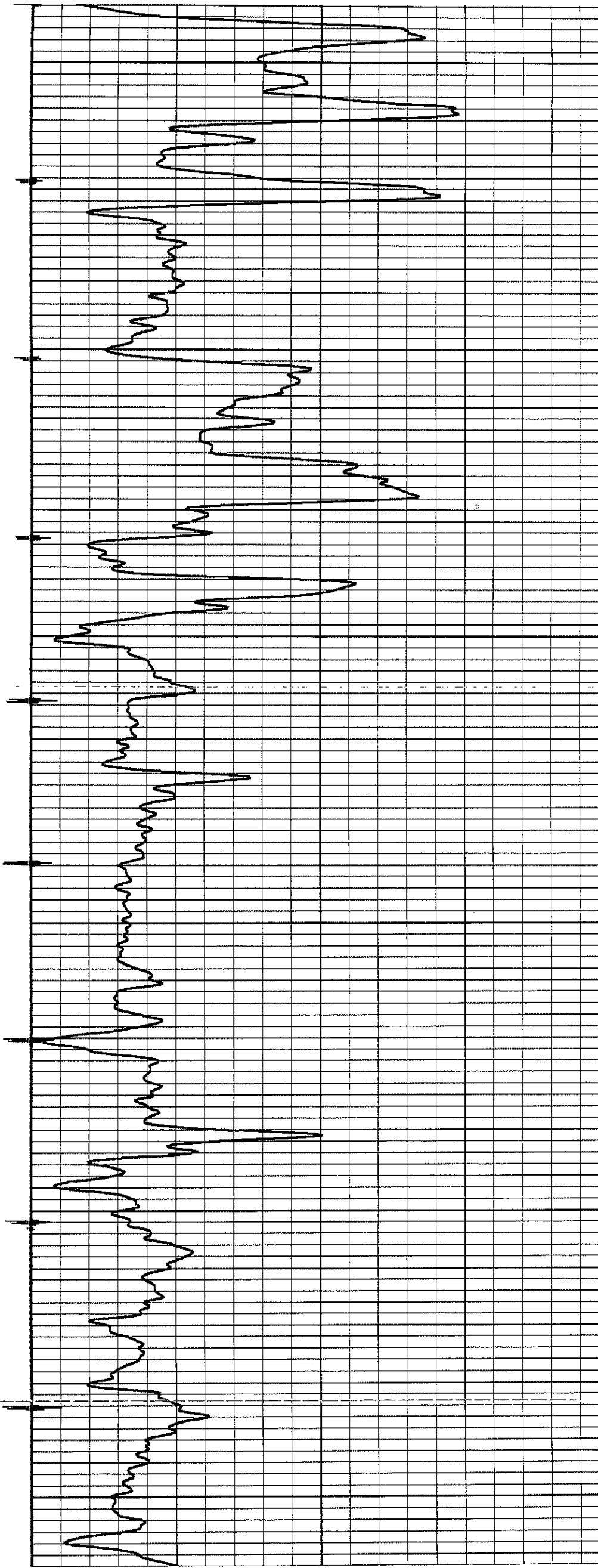
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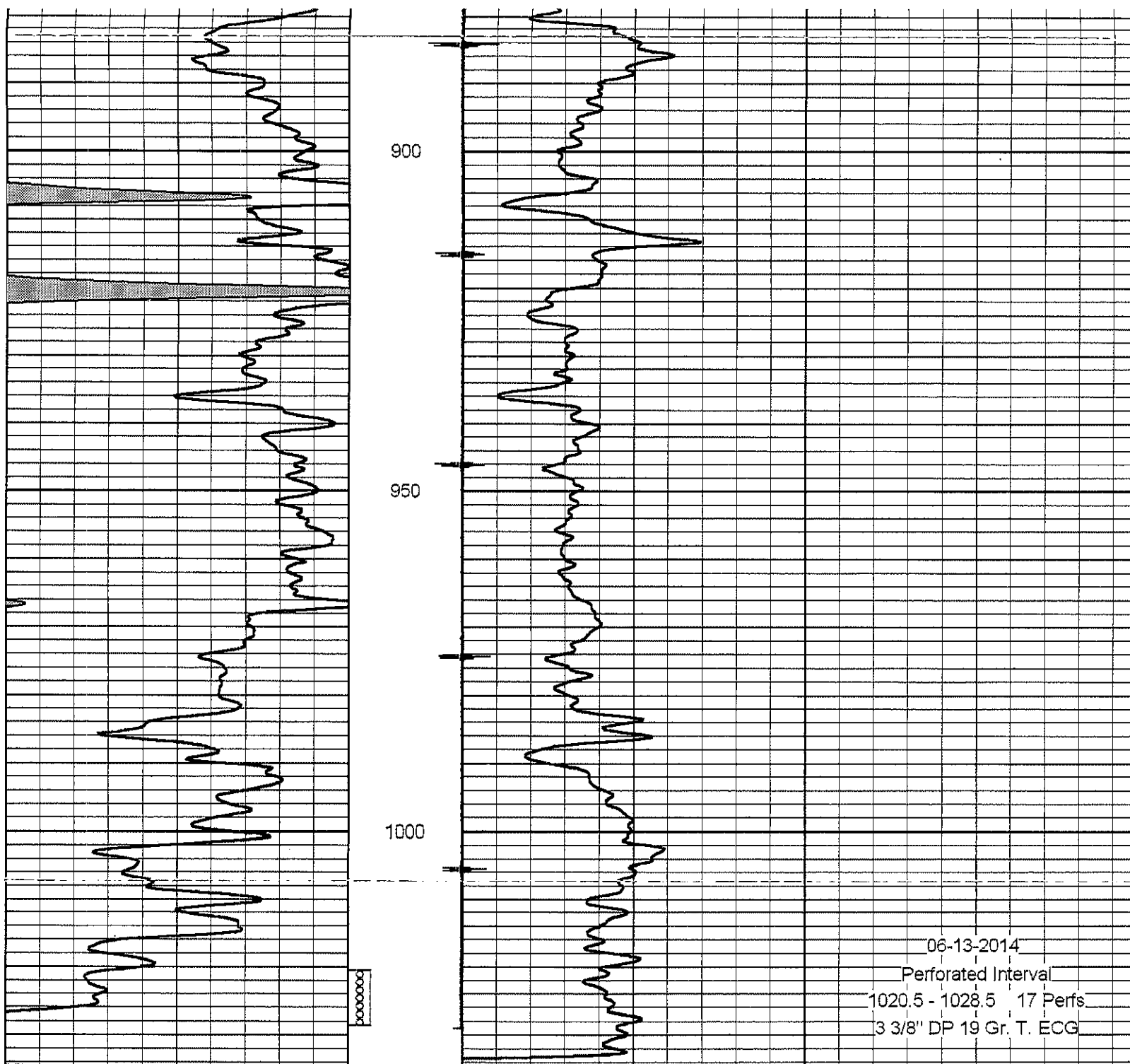
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800

850

900





0	Gamma Ray (cps)	150	-1 OCL 1		
150	Gamma Ray (cps)	300	10	Neutron (cps)	210