SONIC LOG

Company HARTMAN OIL CO., INC.
Well HEYEN #1-3
Field GRAY NORTH
County STAFFORD State KANSAS

Location: API # : 15-185-24107-0000
2307' FNL & 1113' FEL
NW - SW - SE - NE
SEC 2 TWP 24S RGE 13W

Other Services
CDL/CNL/DIL
PE/MEL

Elevation
K.B. 1905
D.F. 1903
G.L. 1894

Permanent Datum GROUND LEVEL Elevation 1894
Log Measured From KELLY BUSHING 11' A.G.L.
Drilling Measured From KELLY BUSHING

Date	4/23/22		
Run Number	TWO		
Depth Driller	4100		
Depth Logger	4101		
Bottom Logged Interval	4093		
Top Log Interval	300		
Casing Driller	8 5/8"@326'		
Casing Logger	316'		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 9,500 PPM	
Density / Viscosity	9.2/52		
pH / Fluid Loss	10.0/8.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.340@85F		
Rmf @ Meas. Temp	.255@85F		
Rmc @ Meas. Temp	.408@85F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.247@117F		
Time Circulation Stopped	6.5 HOURS		
Time Logger on Bottom	5:00 A.M.		
Maximum Recorded Temperature	117F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS	COLE ROBBEN	
Witnessed By	JEFF LAWLER		

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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

15-185-24107-0000

THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395

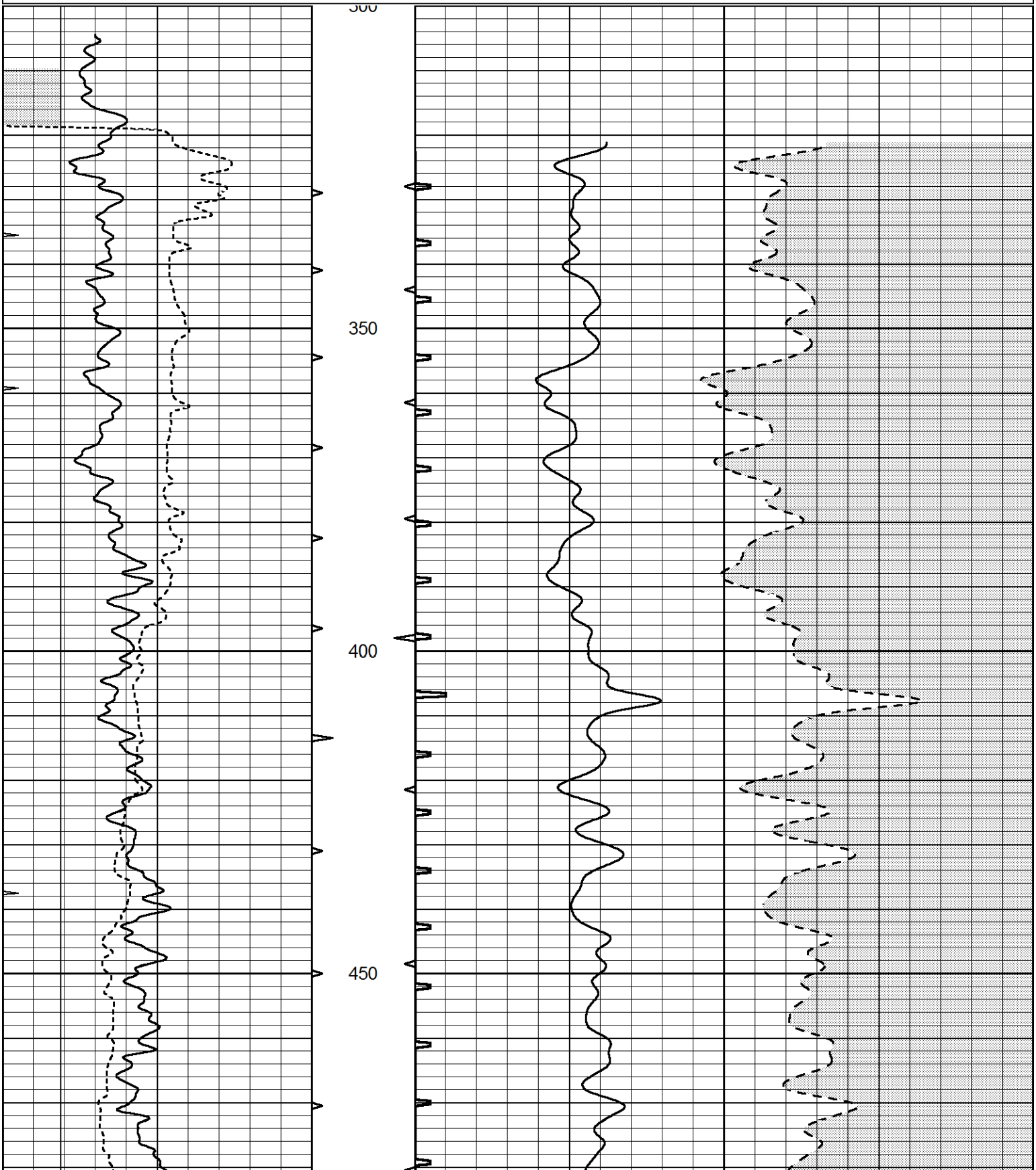
DIRECTIONS

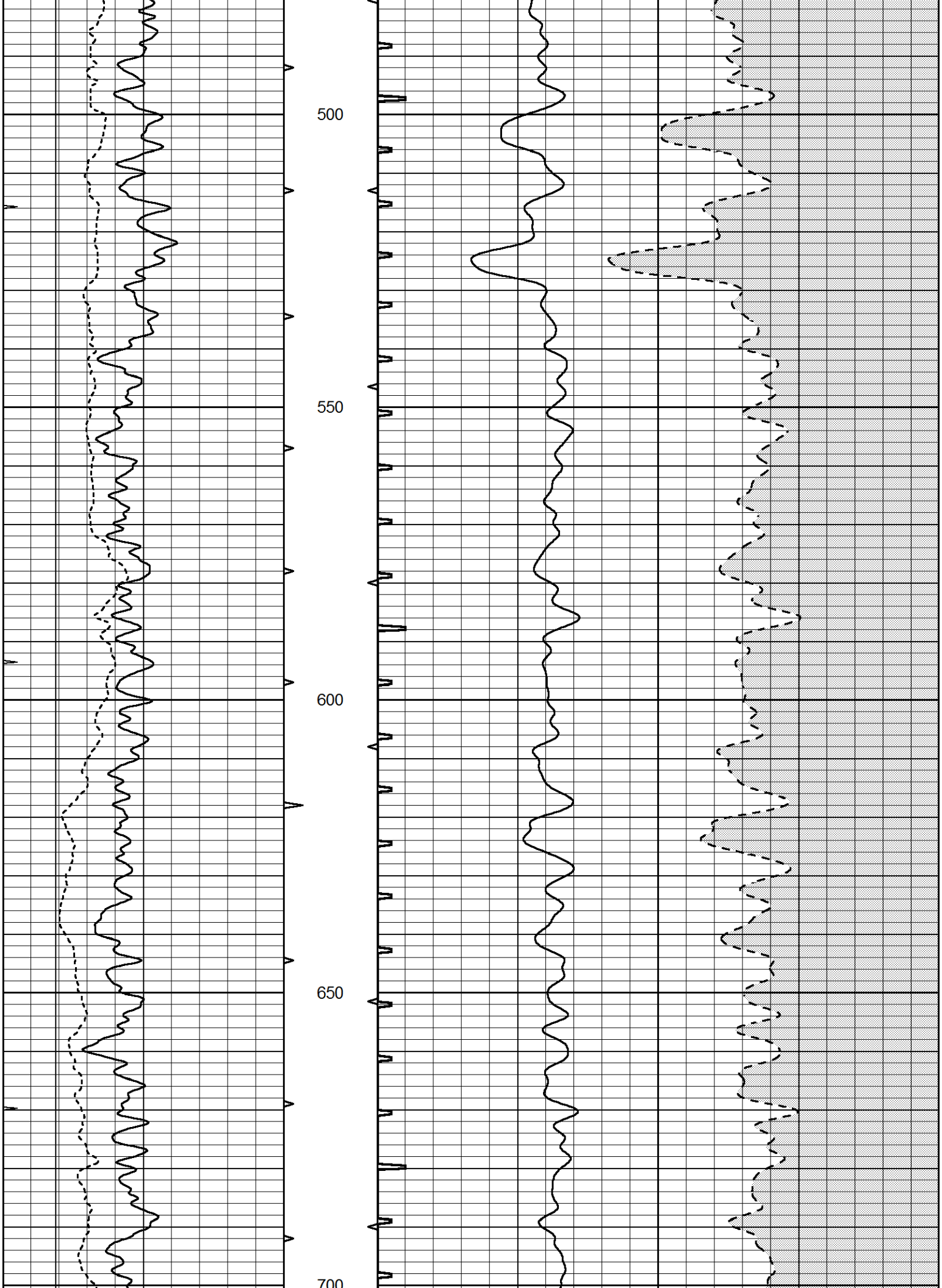
ST JOHN, KS. E ON NE 30TH ST. 1.5 MILES, S. INTO PAST TANK BATTERIES

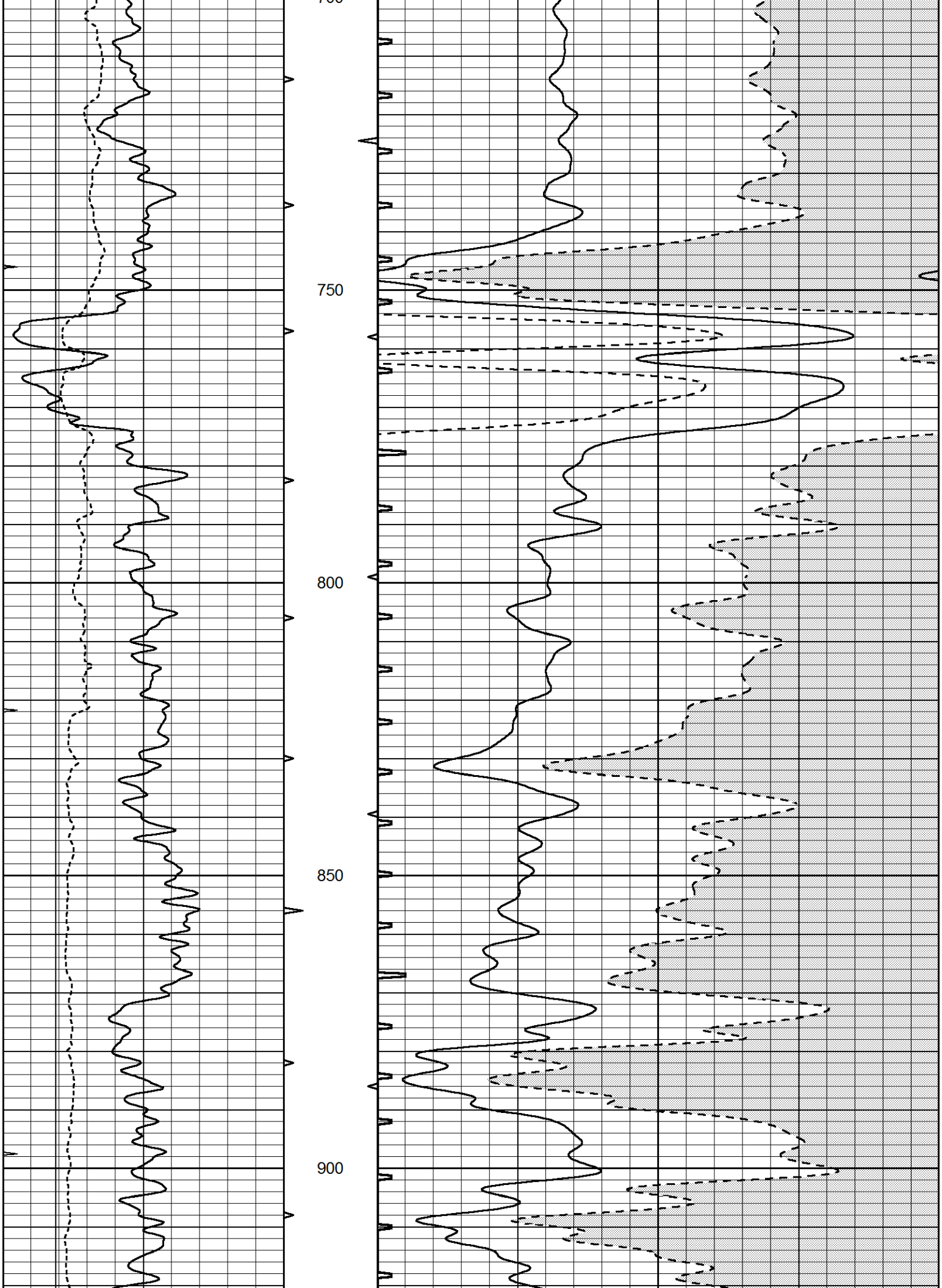
MAIN SECTION

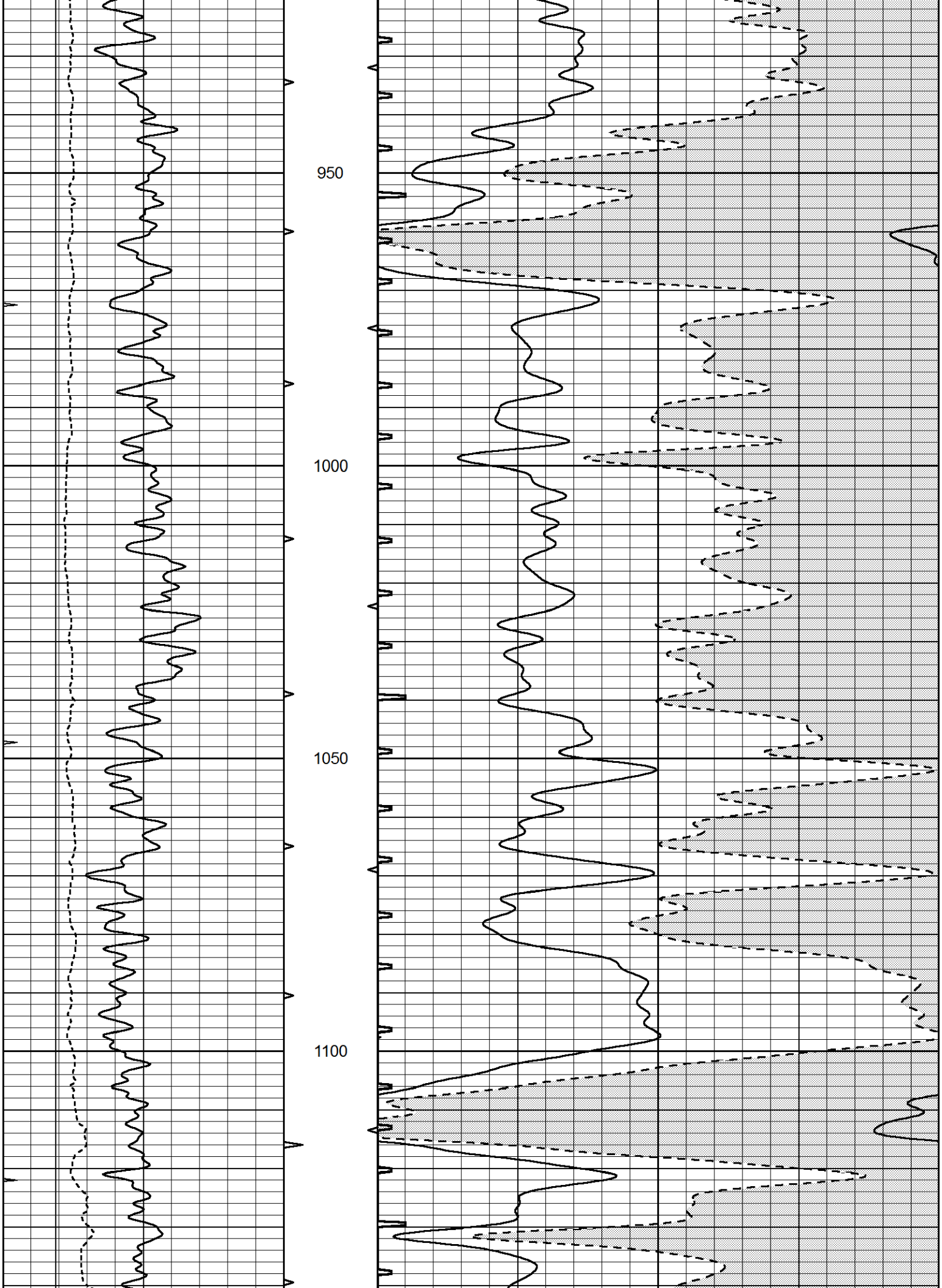
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Dataset Pathname	pass13.4
Presentation Format	slt
Dataset Creation	Sat Apr 23 07:05:53 2022
Charted by	Depth in Feet scaled 1:240

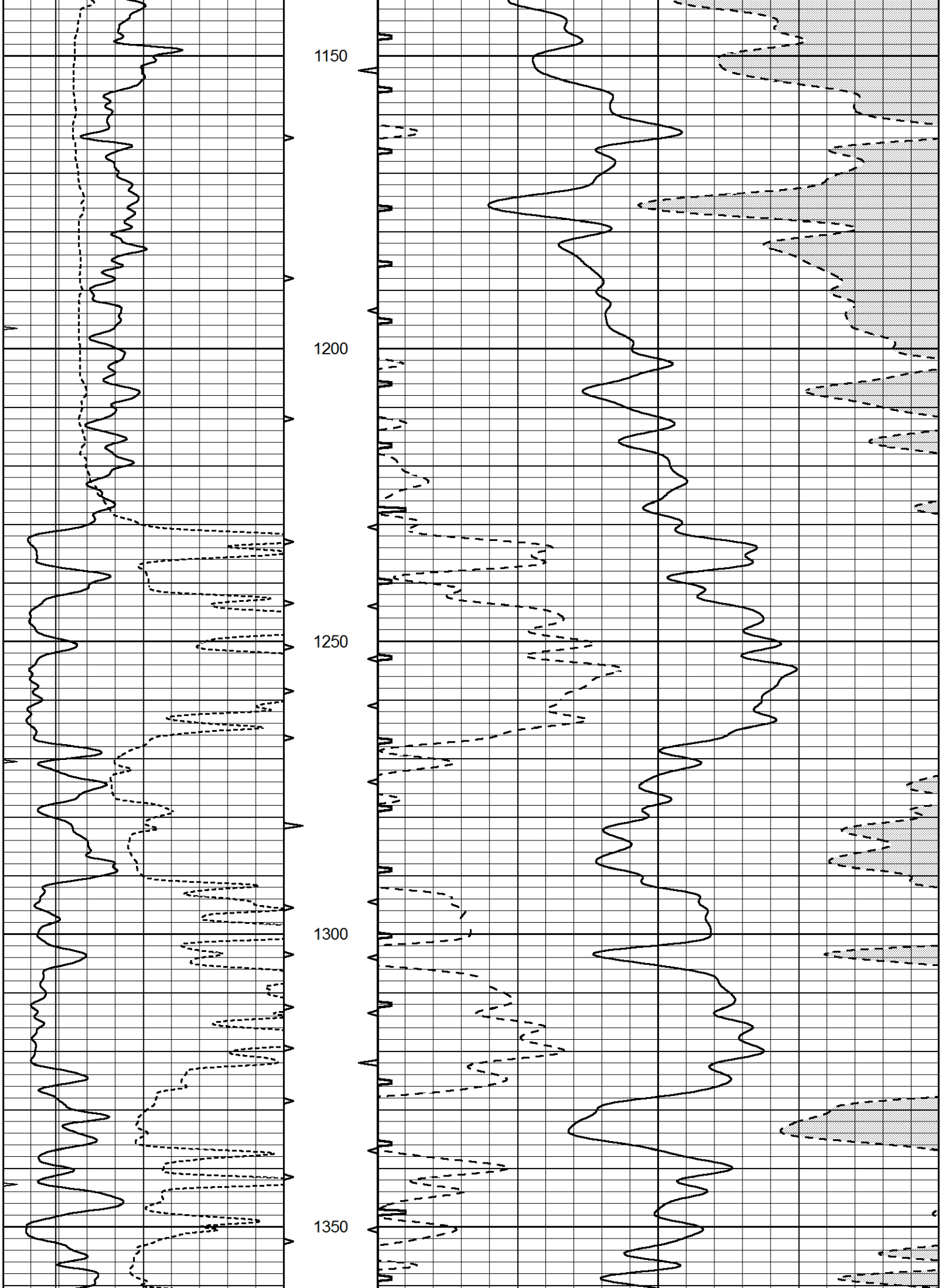
0	GAMMA RAY (GAPI) 150	ABHV	140	DELTA TIME (usec/ft)	40
6	CALIPER (in) 16	10 (ft3) 0	30	SONIC POROSITY (pu)	-10
0	MINMK 20	TBHV	0	ITT (msec) 20	
		0 (ft3) 10			

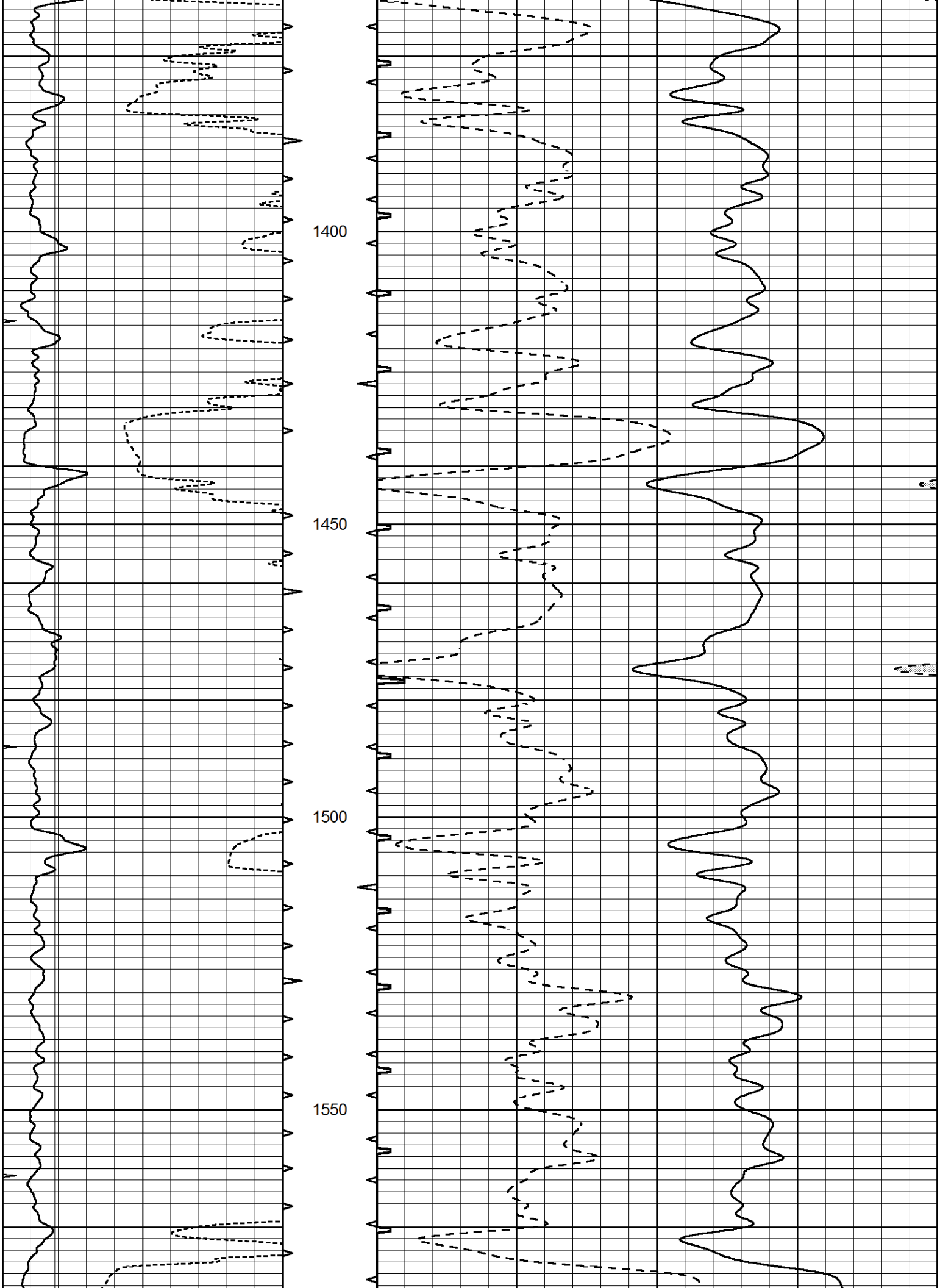


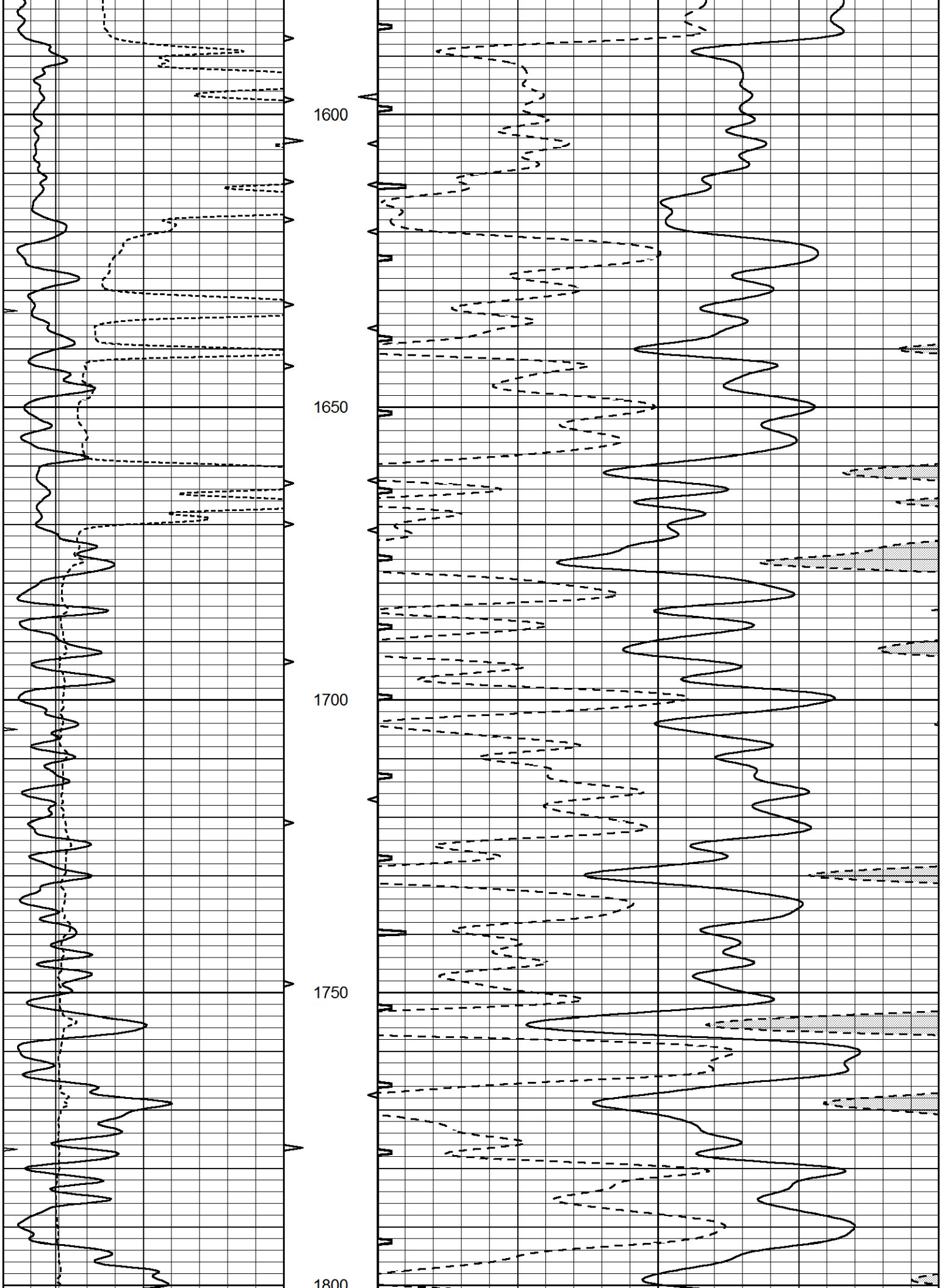

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550
600
650
700

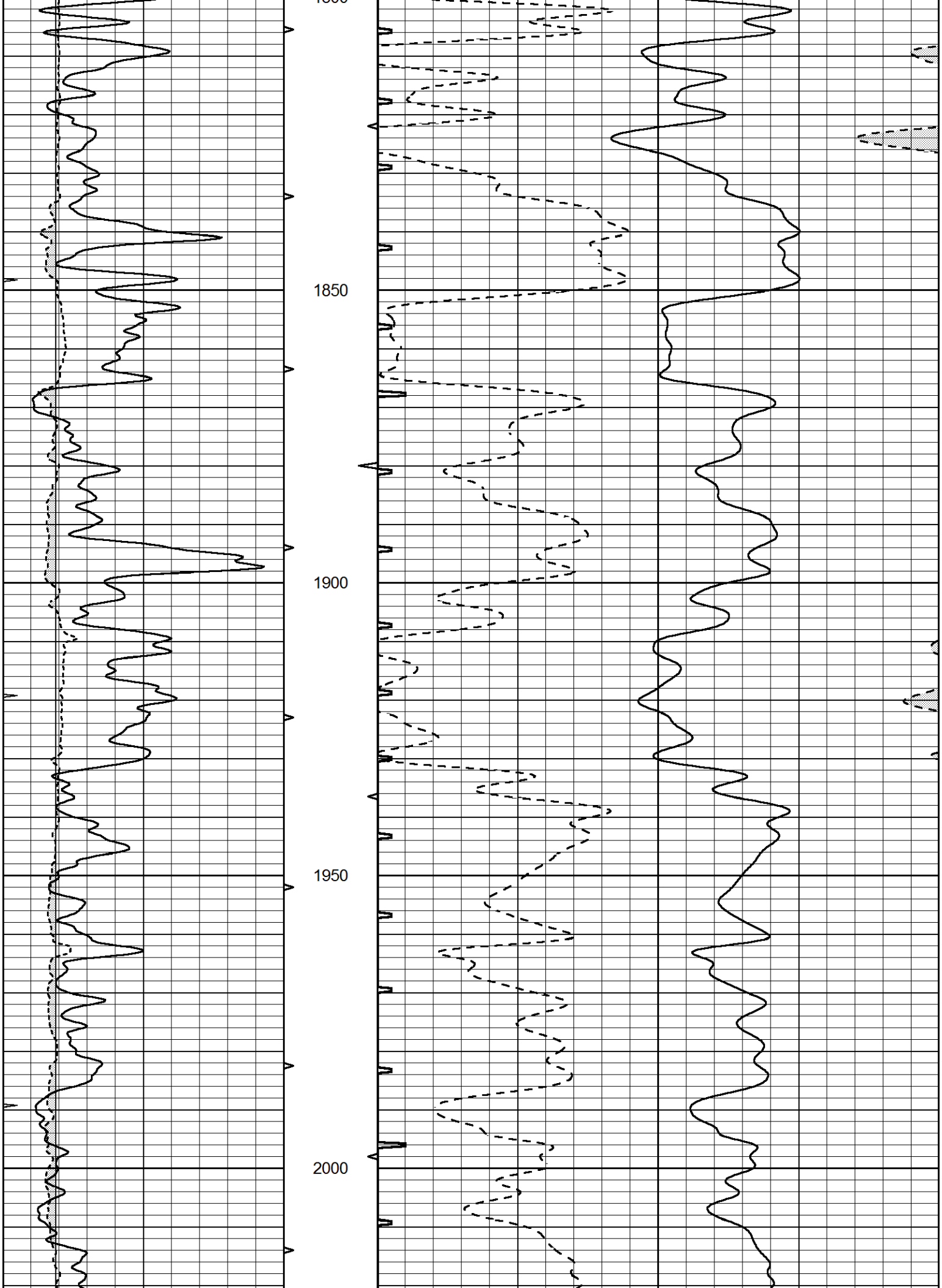

750
800
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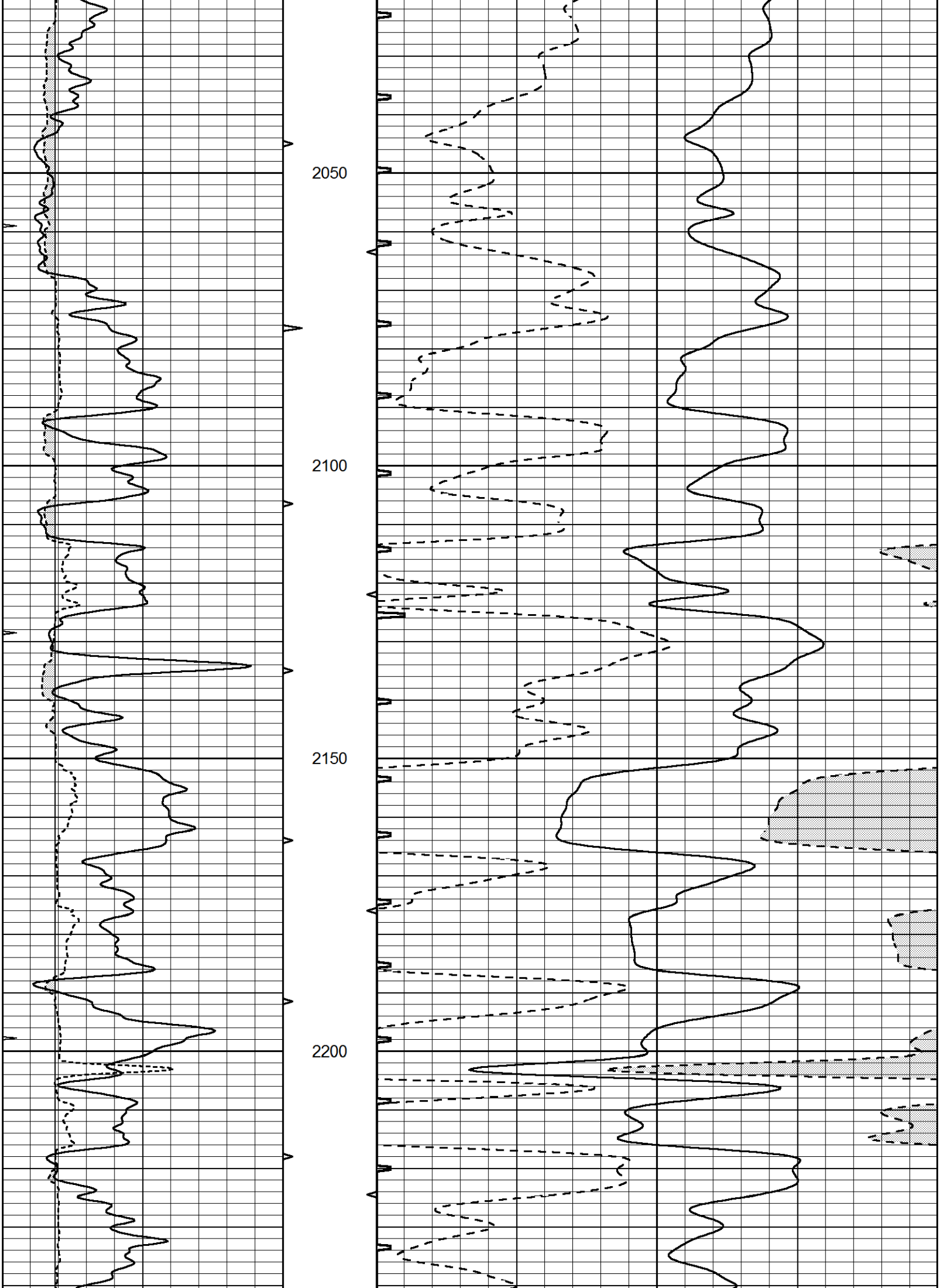

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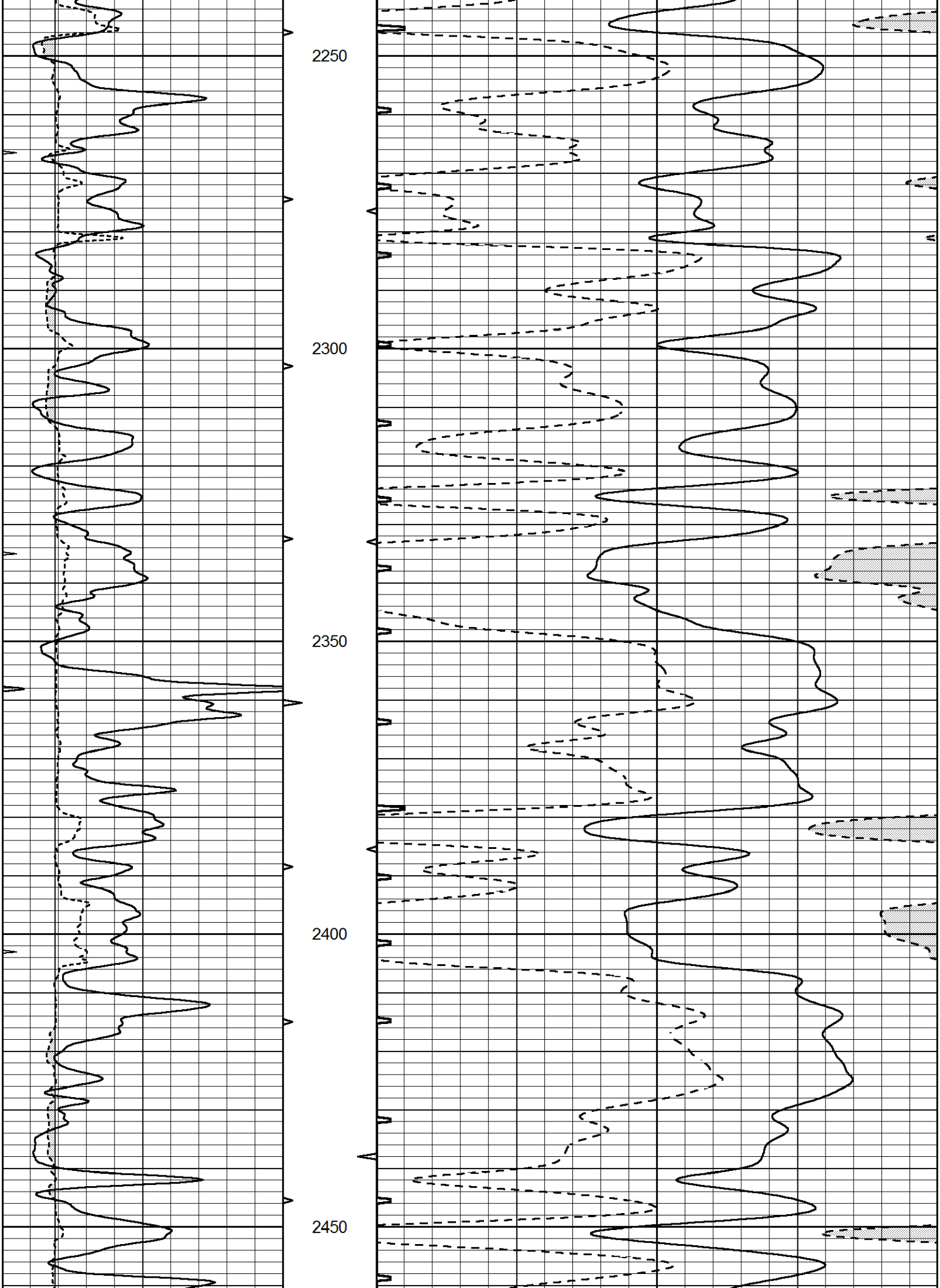

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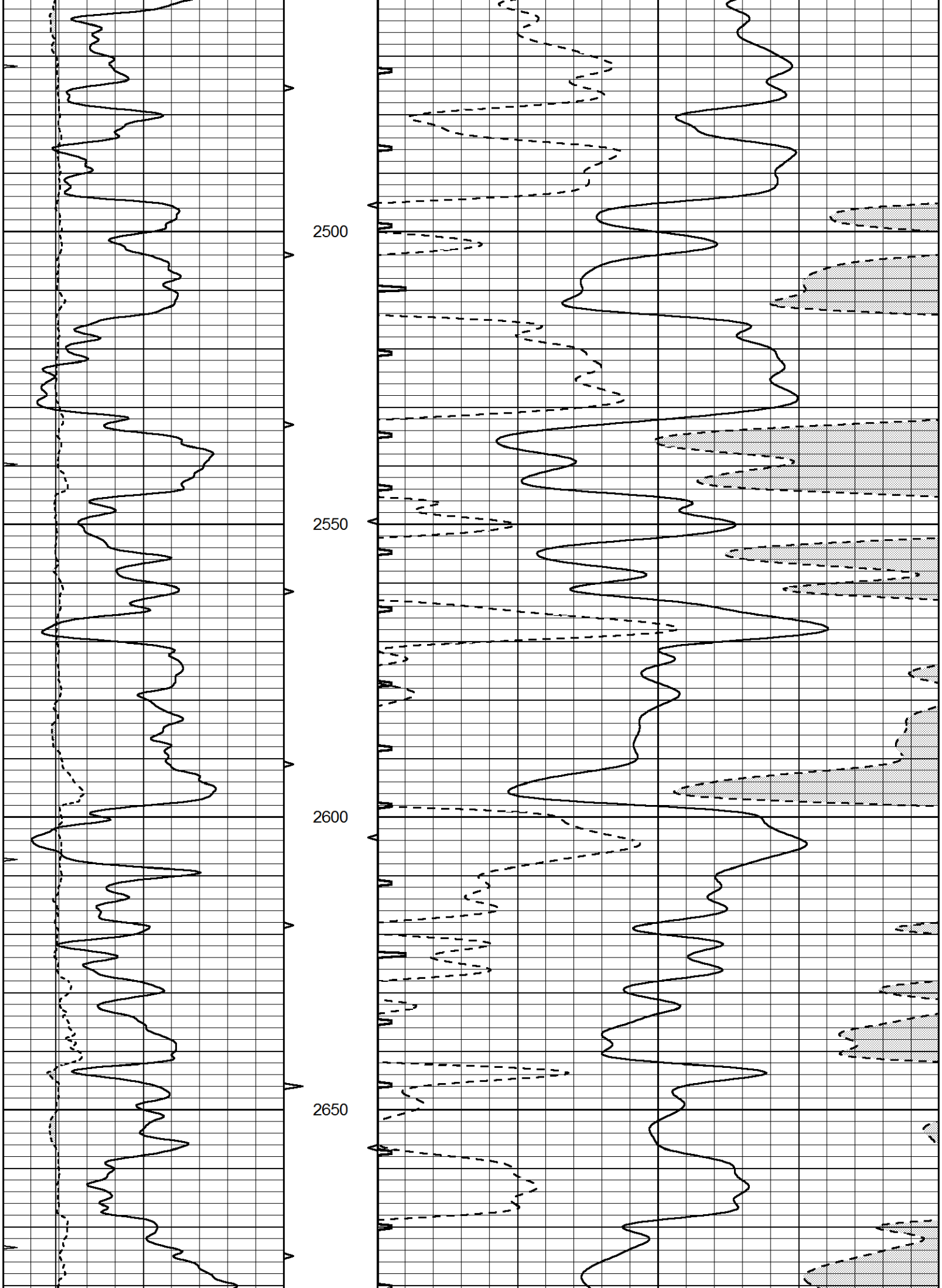

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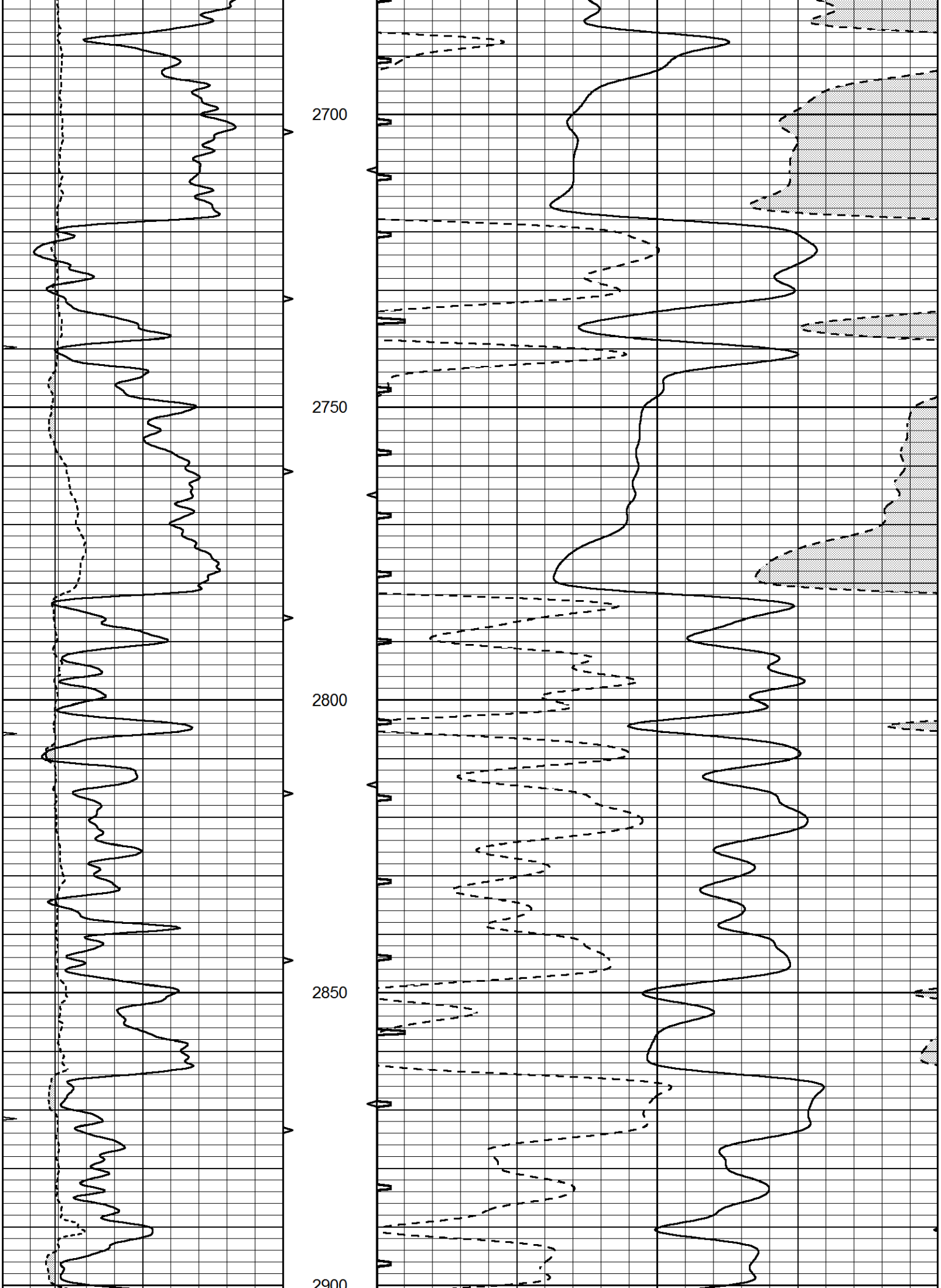

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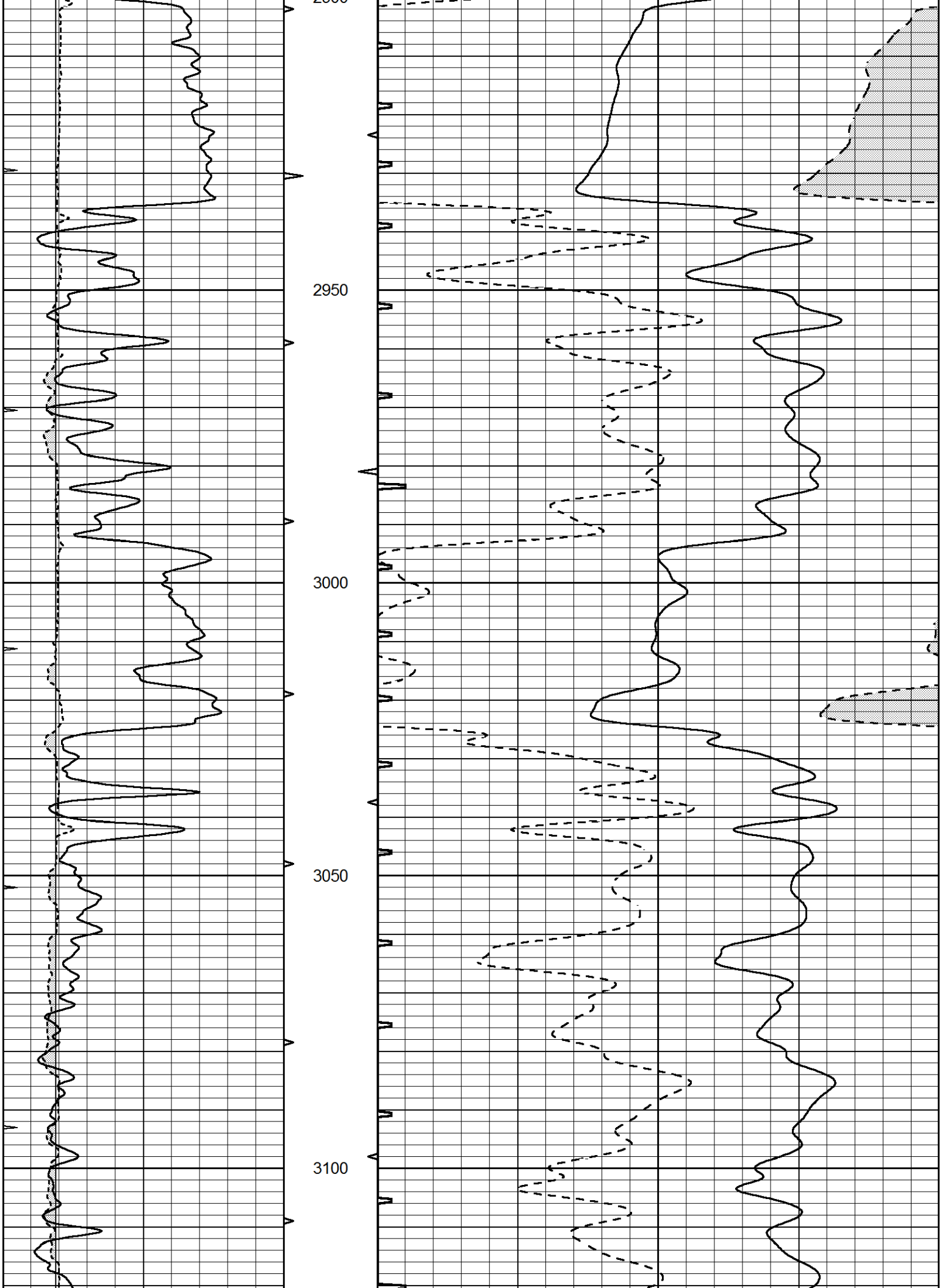

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2000

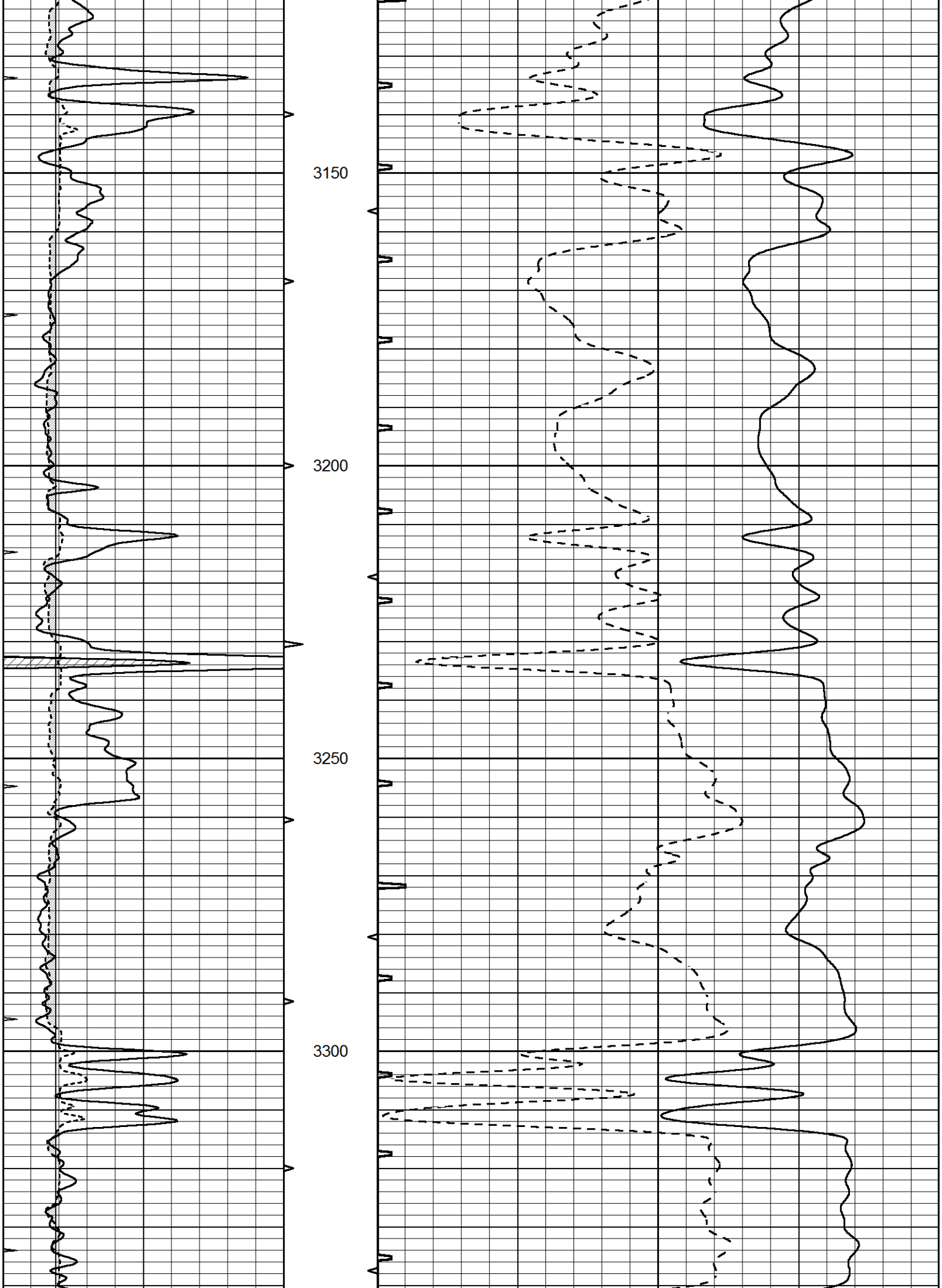

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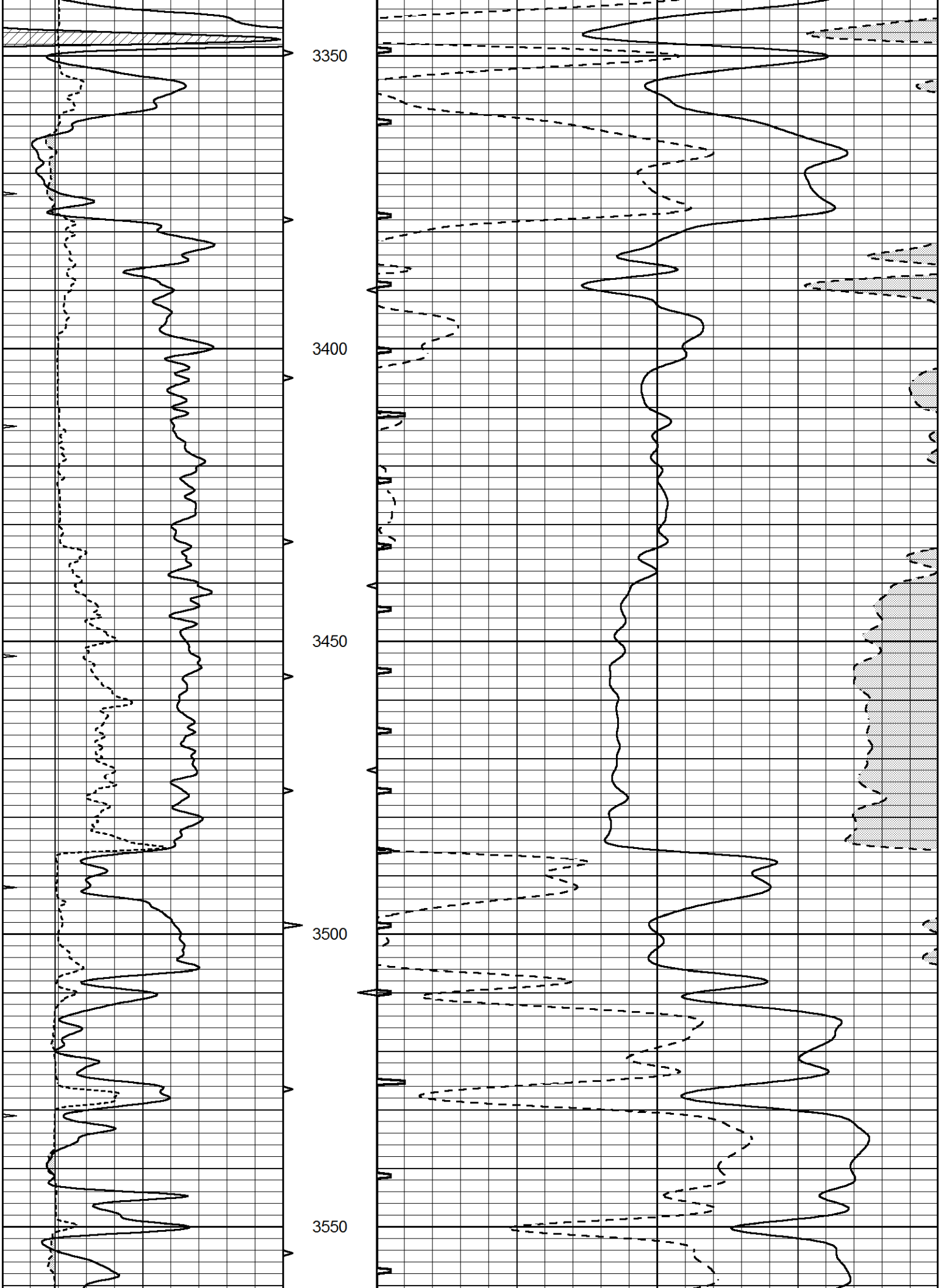

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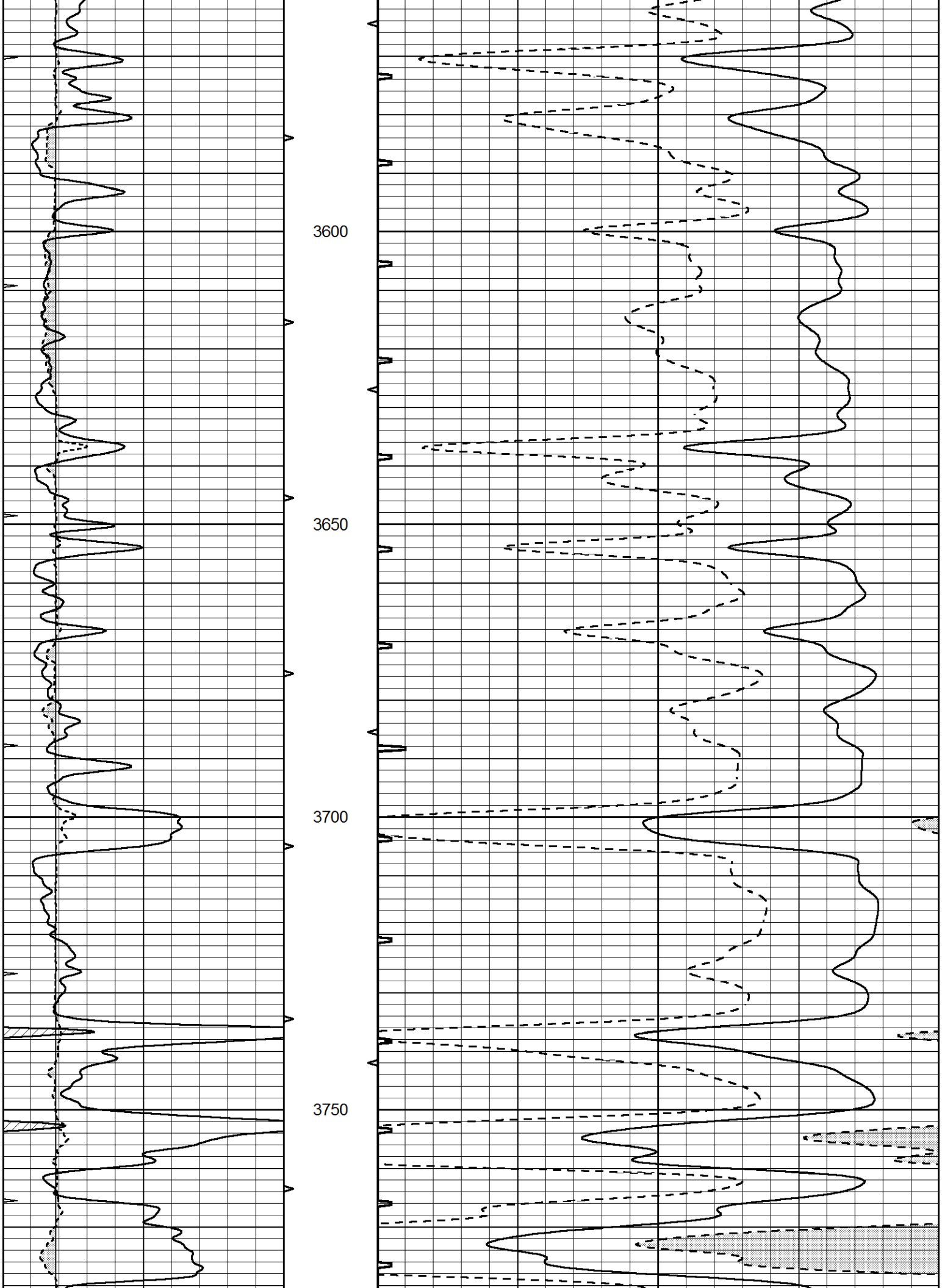

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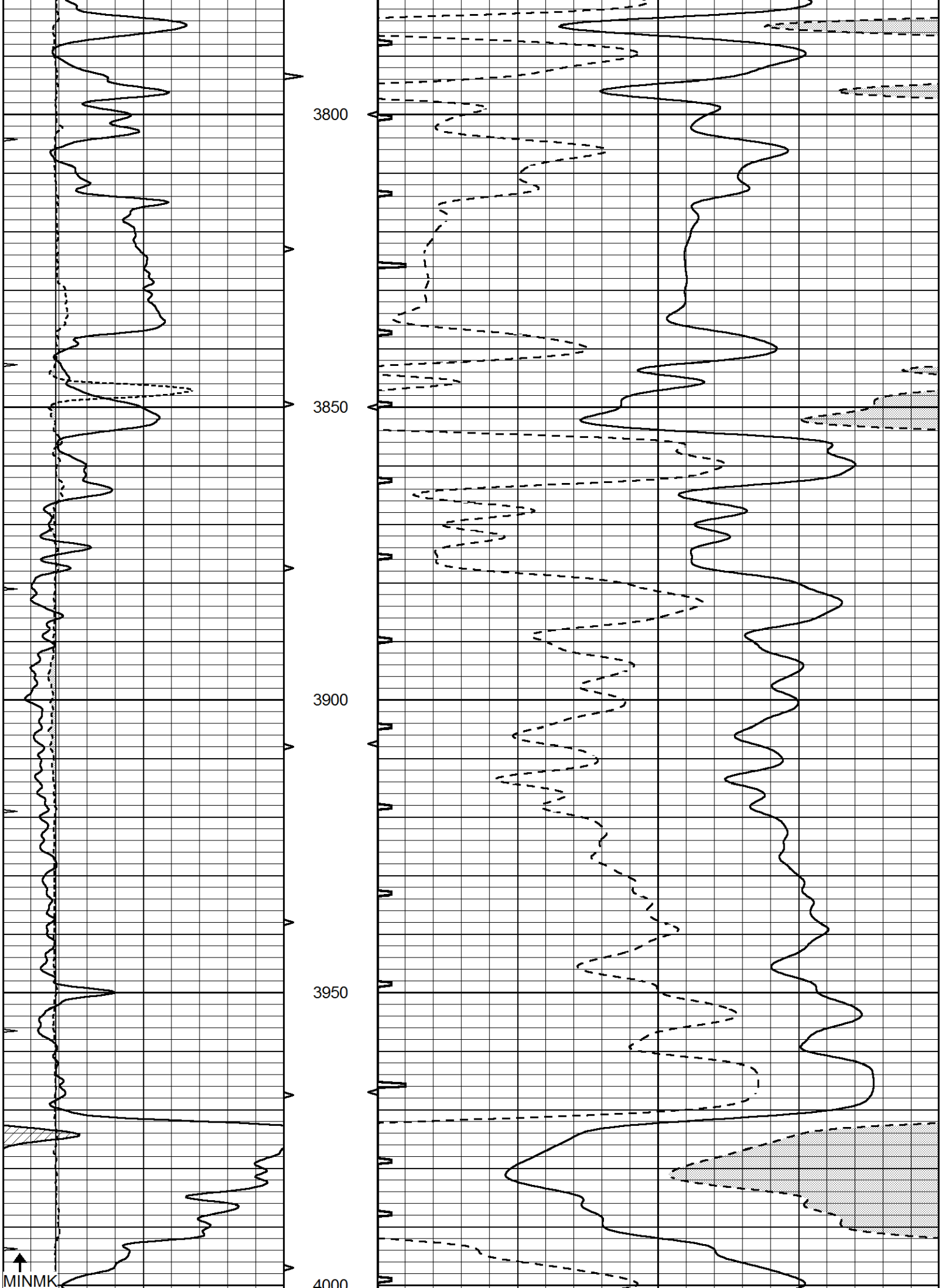

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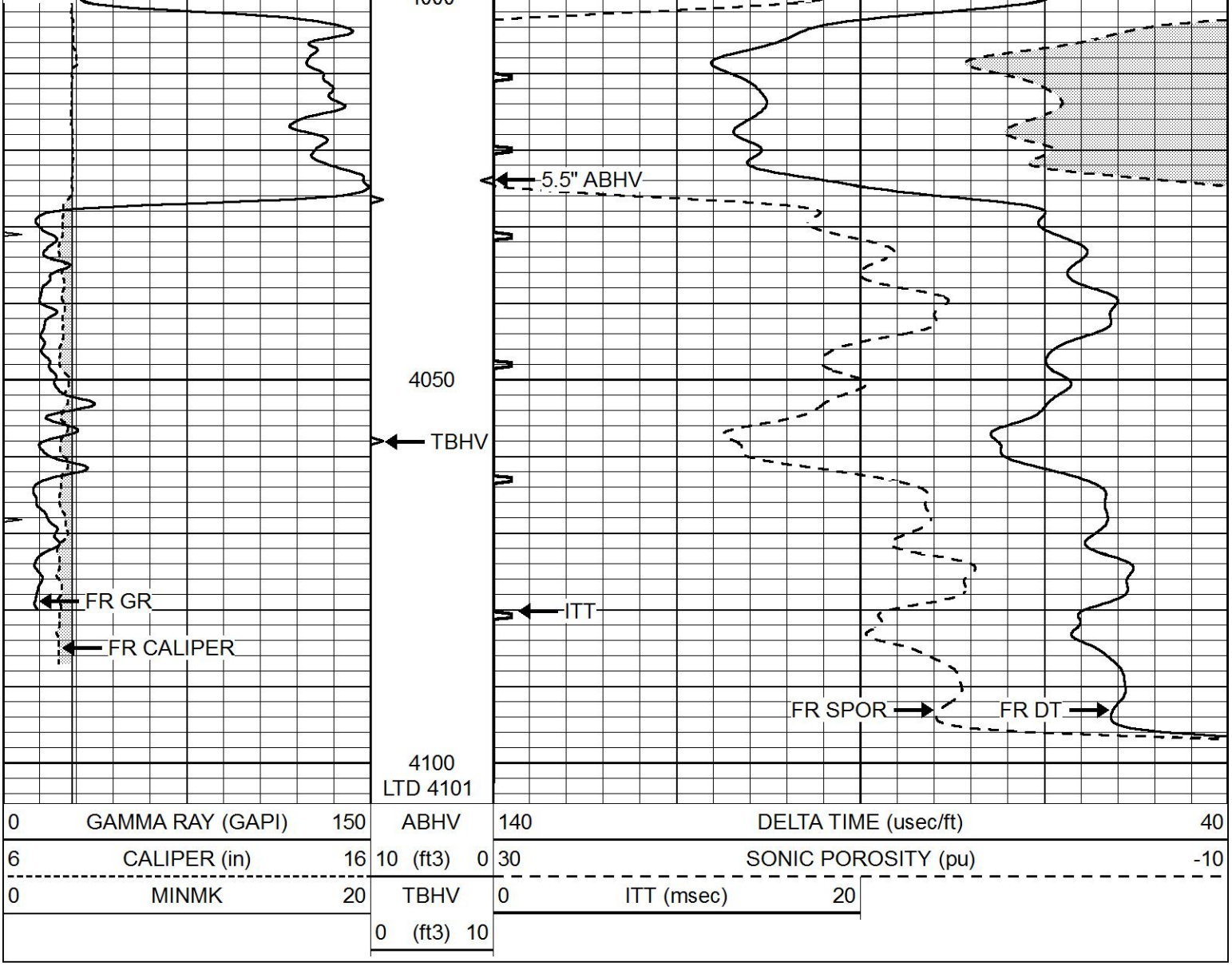

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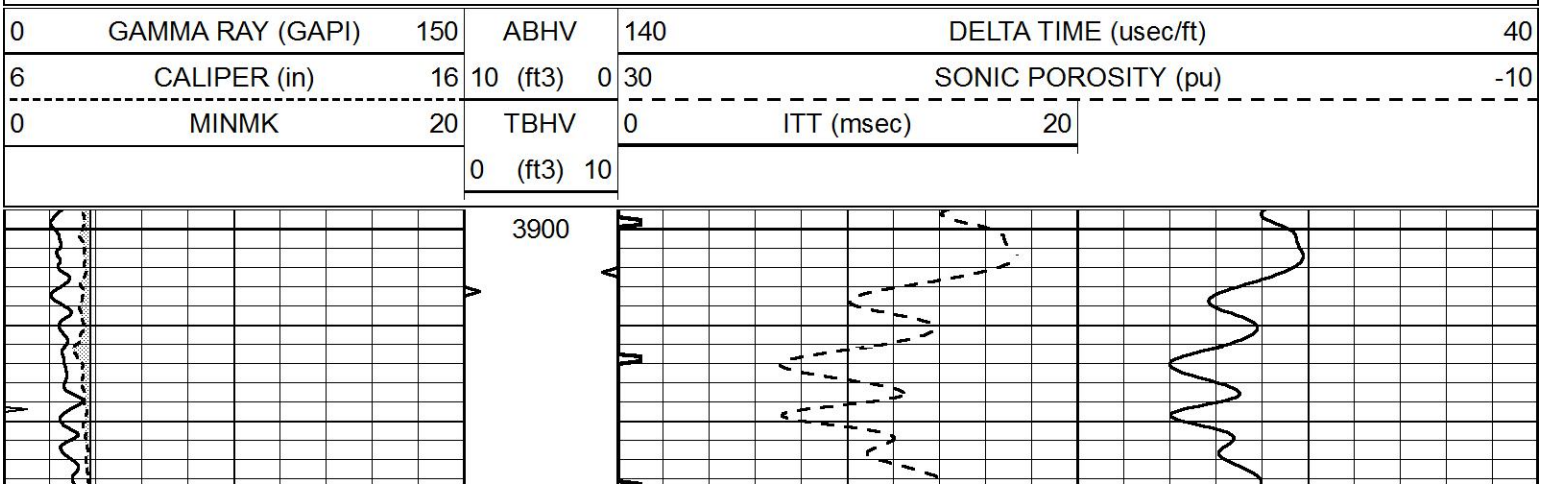

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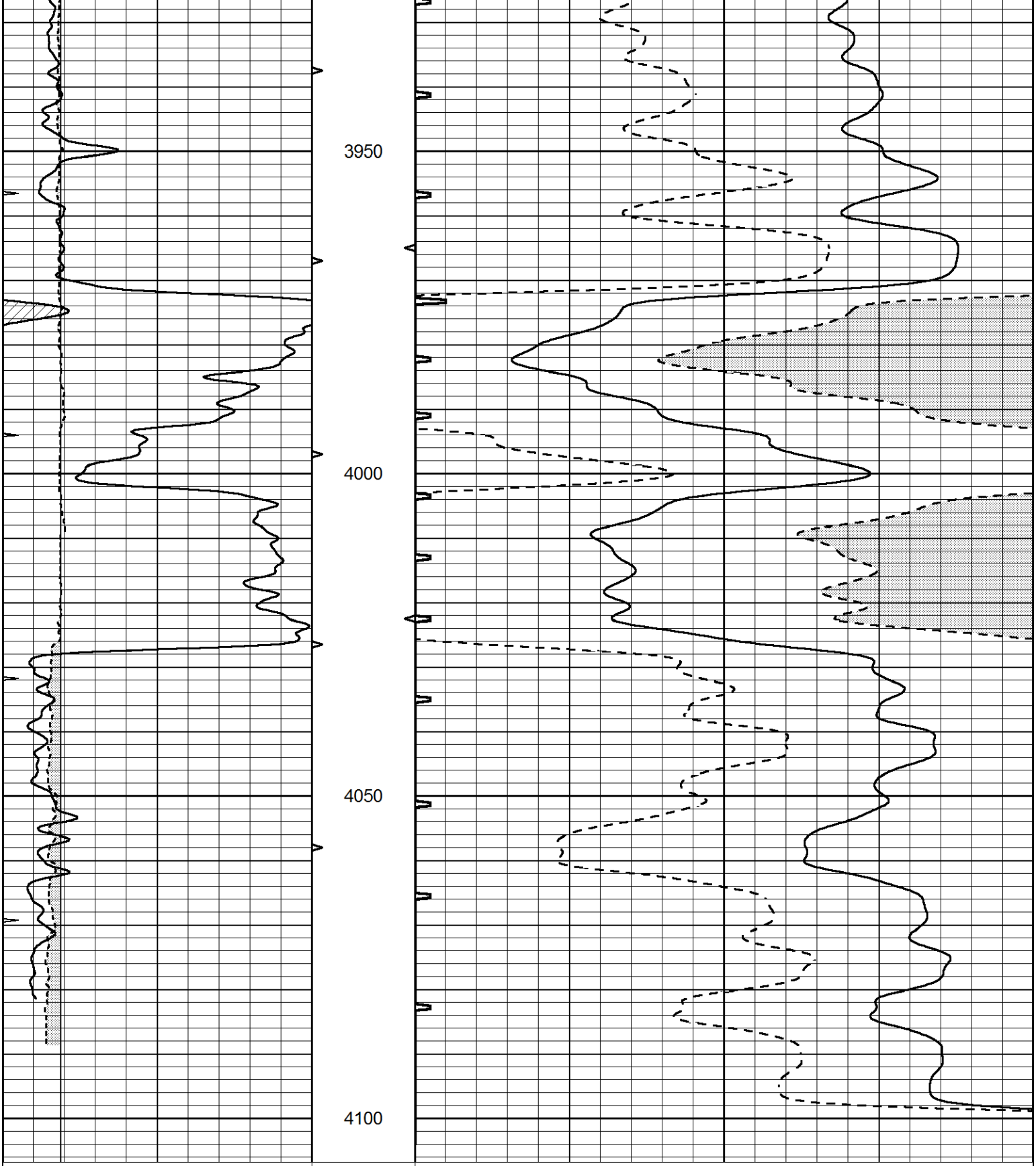

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MINMK



REPEAT SECTION

Database File	6334pe.db
Dataset Pathname	pass12.1R
Presentation Format	slt
Dataset Creation	Sat Apr 23 06:18:21 2022
Charted by	Depth in Feet scaled 1:240





0	GAMMA RAY (GAPI) 150	ABHV	140	DELTA TIME (usec/ft)	40
6	CALIPER (in) 16	10 (ft3) 0	30	SONIC POROSITY (pu)	-10
0	MINMK 20	TBHV	0	ITT (msec) 20	
		0 (ft3) 10			