



SUPERIOR
Hays,
Kansas

SONIC
LOG

Company	BUFFALO RESOURCES, LLC		
Well	NEY #1-23		
Field	ELSASSER		
County	RUSSELL		
State	KANSAS		
Location:	API # : 15-167-23569		Other Services CDL/CNL MICRO/MEL
1660' FSL & 1210' FEL			
SEC 23 TWP 12S RGE 15W			Elevation K.B. 1789 D.F. G.L. 1781
Permanent Datum	GROUND LEVEL	Elevation	
Log Measured From	KELLY BUSHING 8' A.G.L.		
Drilling Measured From	KELLY BUSHING		
Date	9-21-09		
Run Number	TWO		
Depth Driller	3285		
Depth Logger	3287		
Bottom Logged Interval	3280		
Top Log Interval	430		
Casing Driller	440		
Casing Logger	436		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.3 / 52		
pH / Fluid Loss	10.5 / 8.8		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.55 @ 78F		
Rinf @ Meas. Temp	0.41 @ 78F		
Rmc @ Meas. Temp	0.66 @ 78F		
Source of Rinf / Rmc	MEASURED		
Rim @ BHT	.400 @ 108F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	12:50 A.M.		
Maximum Recorded Temperature	108F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	CURTIS COVEY		

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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

SUPERIOR WELL SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: RUSSELL, 9N TO MELLARD RD., 3W, 1/2N, 2 1/4W TO STOP SIGN, 1/2S, W INTO.

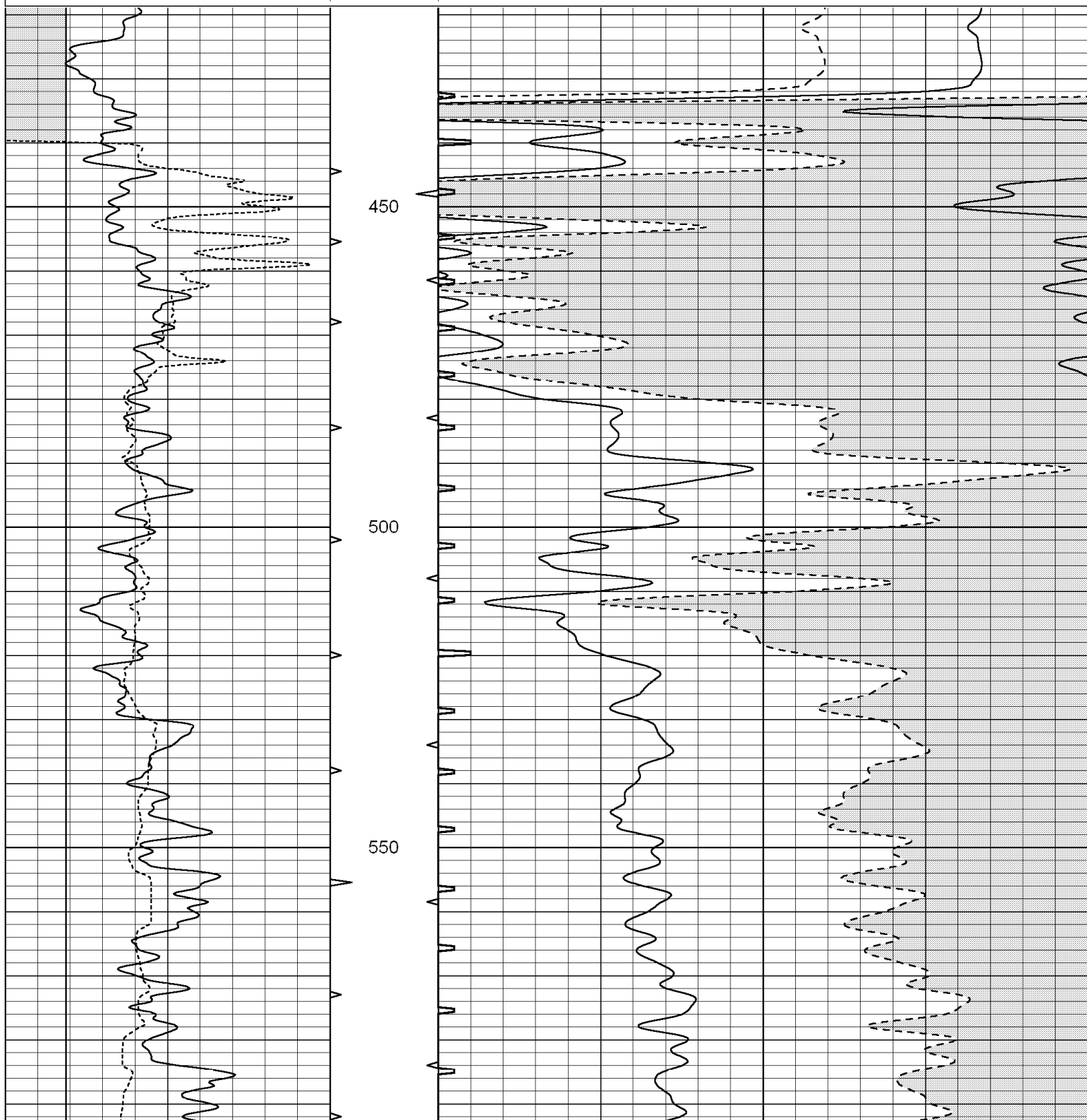


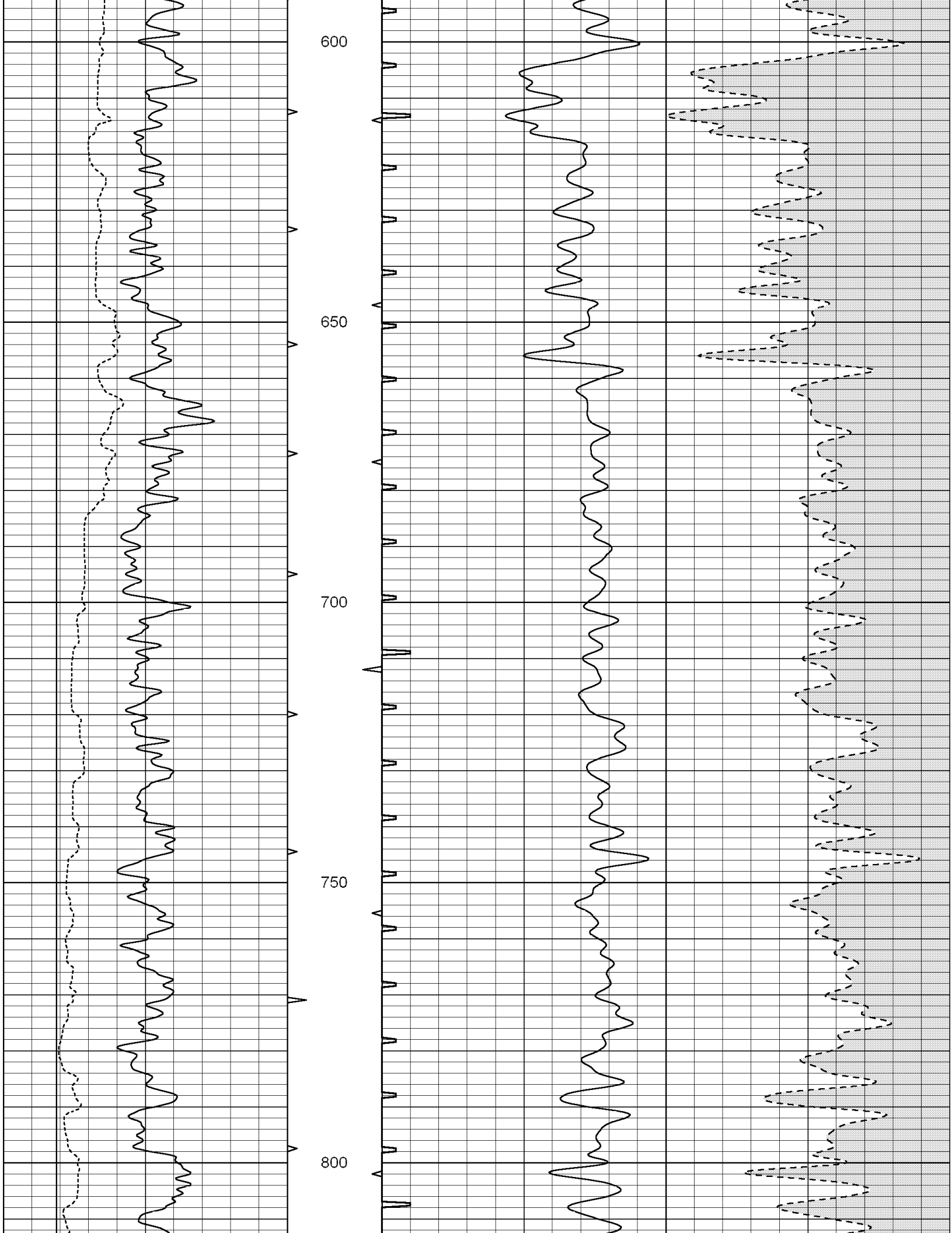
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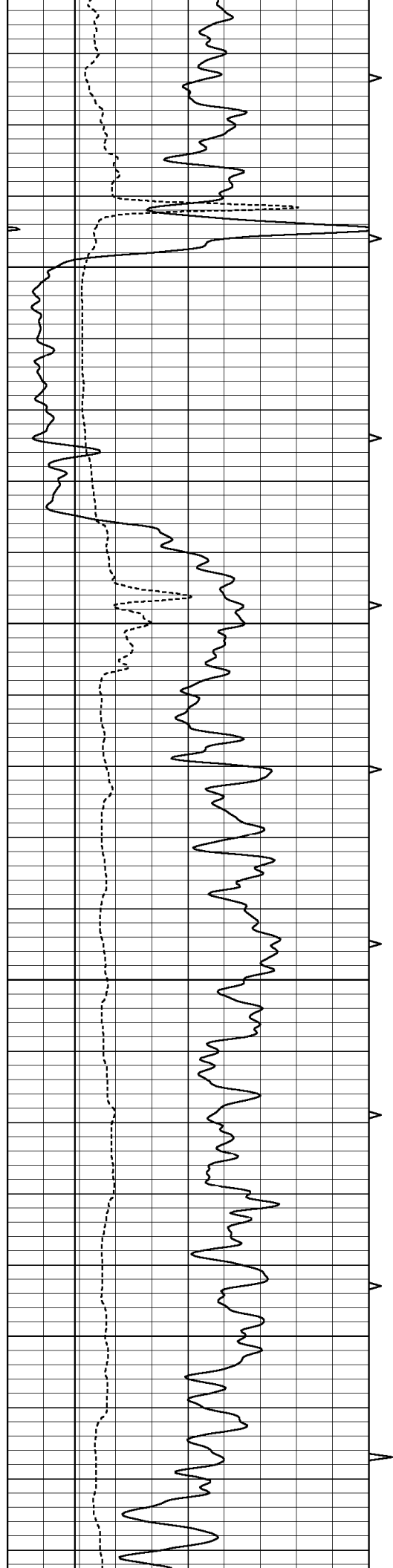
MAIN SECTION

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Dataset Pathname: pass5.1
Presentation Format: slt
Dataset Creation: Mon Sep 21 03:40:08 2009 by Calc Open-Cased 051020
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
			TBHV	0	ITT (msec)	20
			0 (ft3) 10			





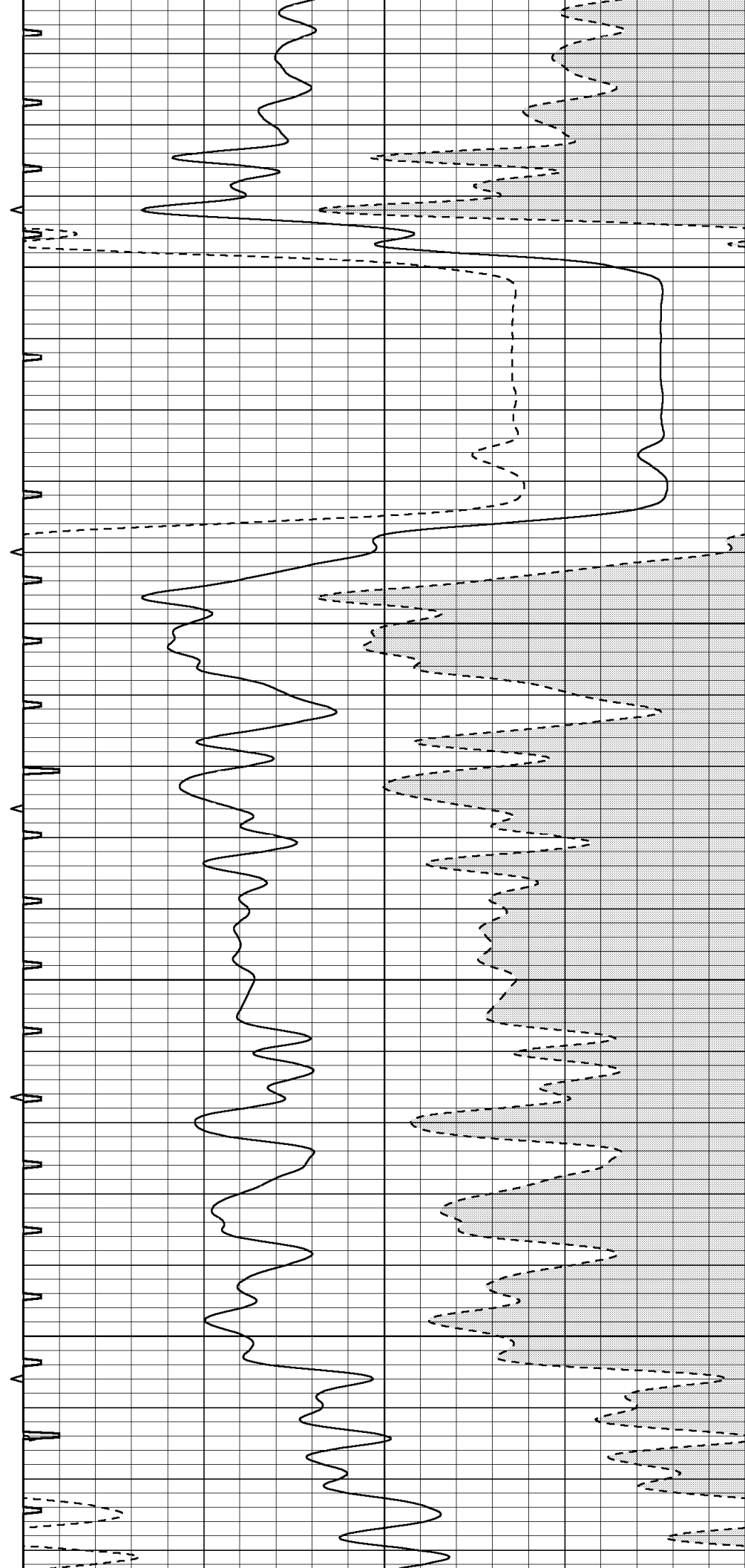


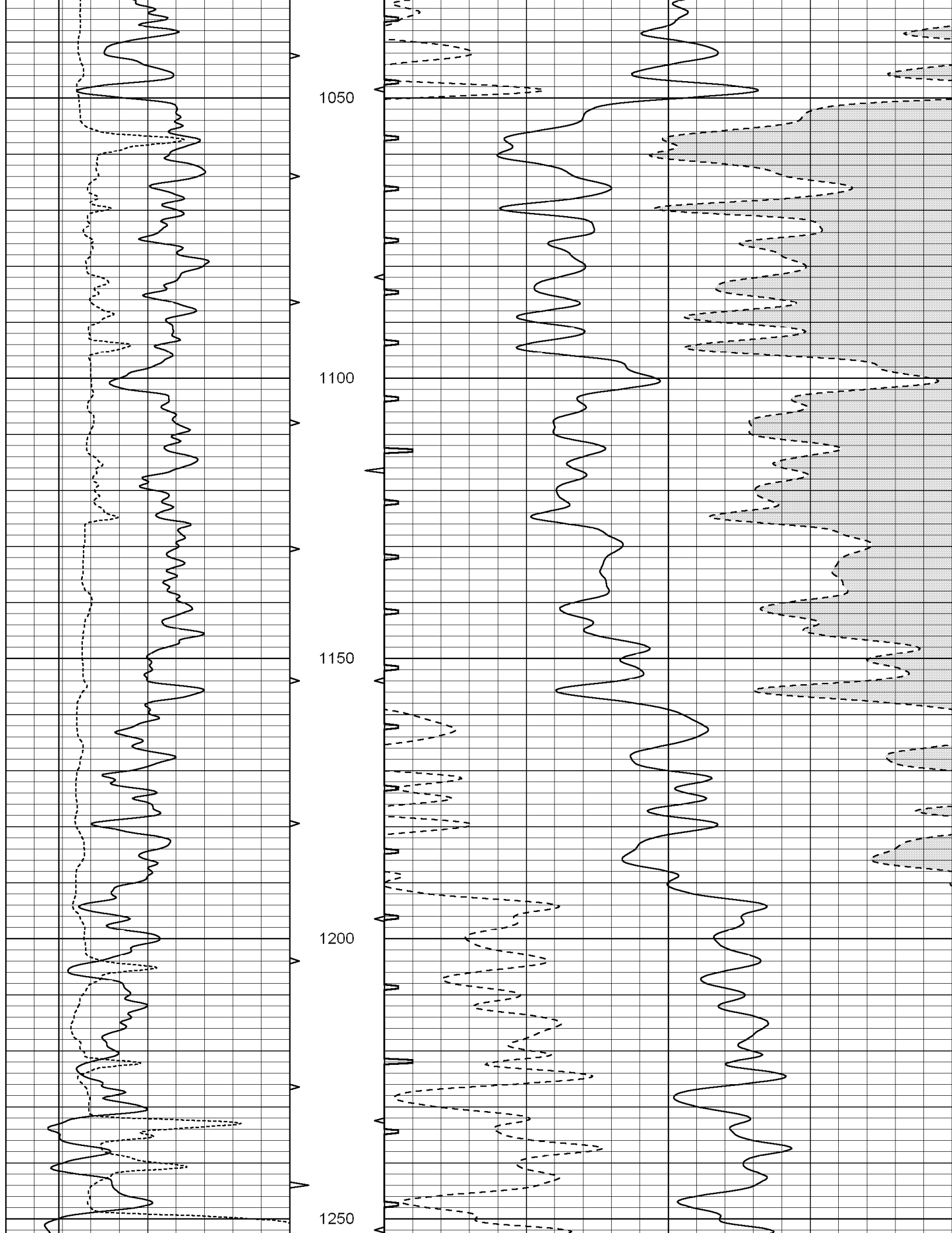
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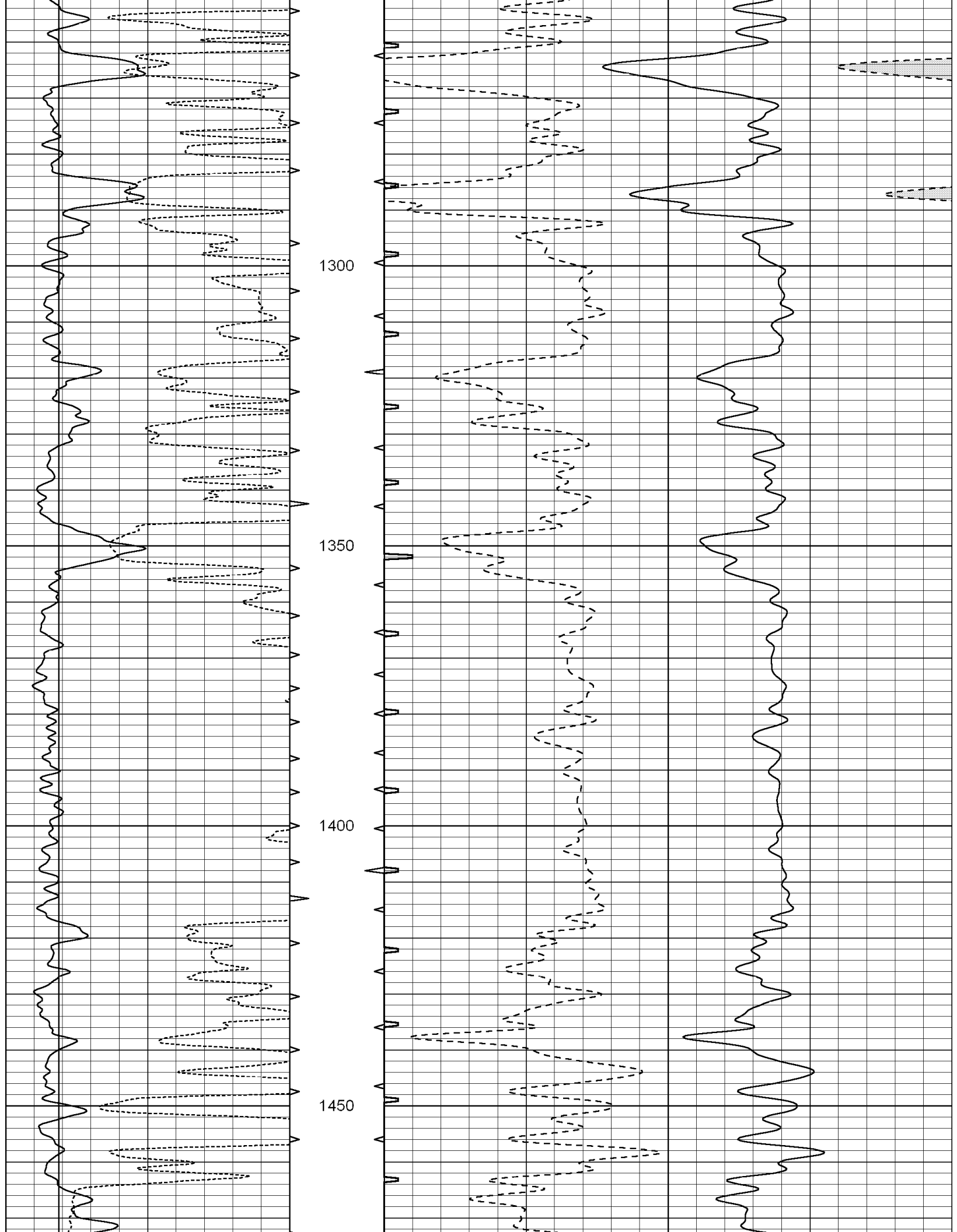
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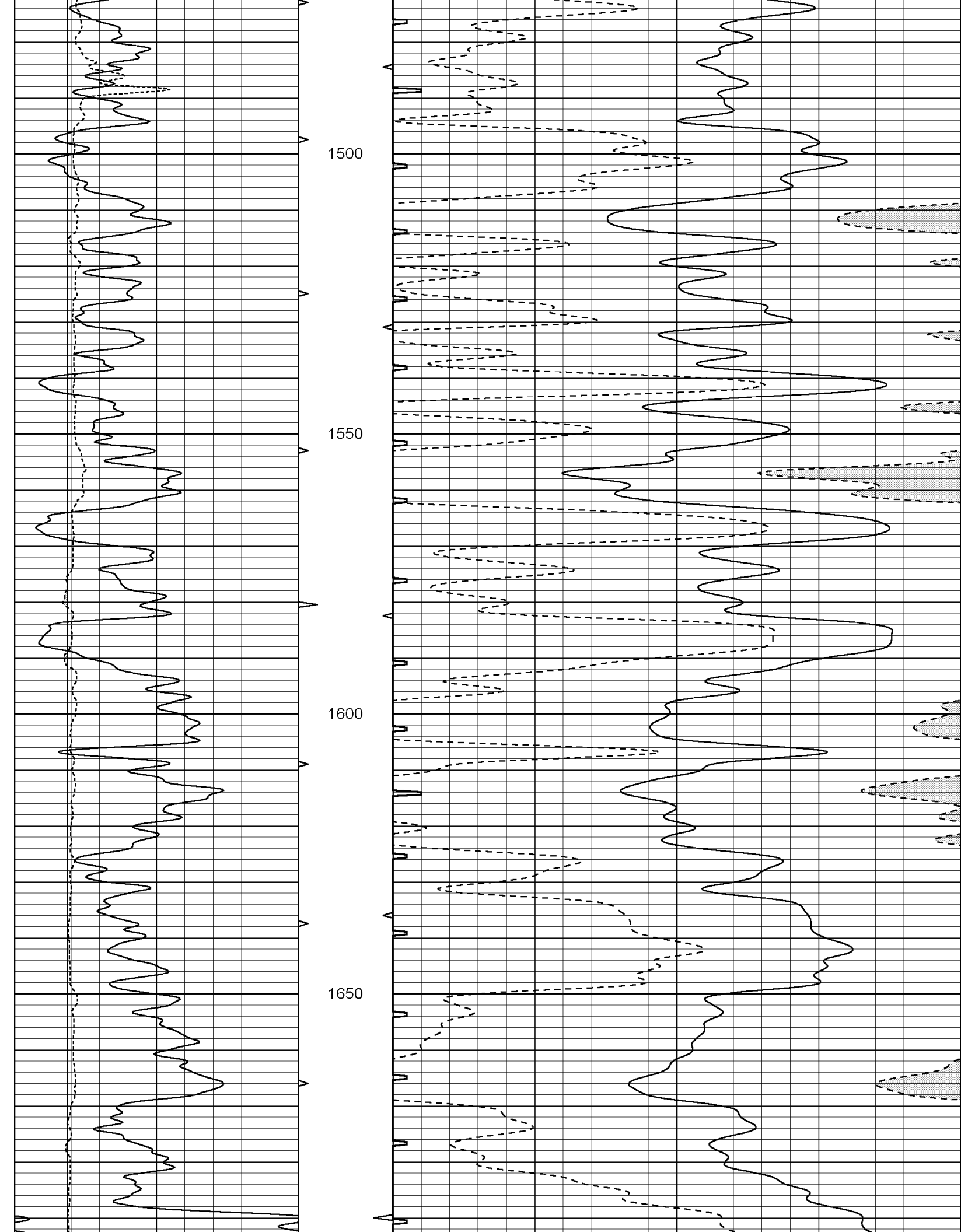
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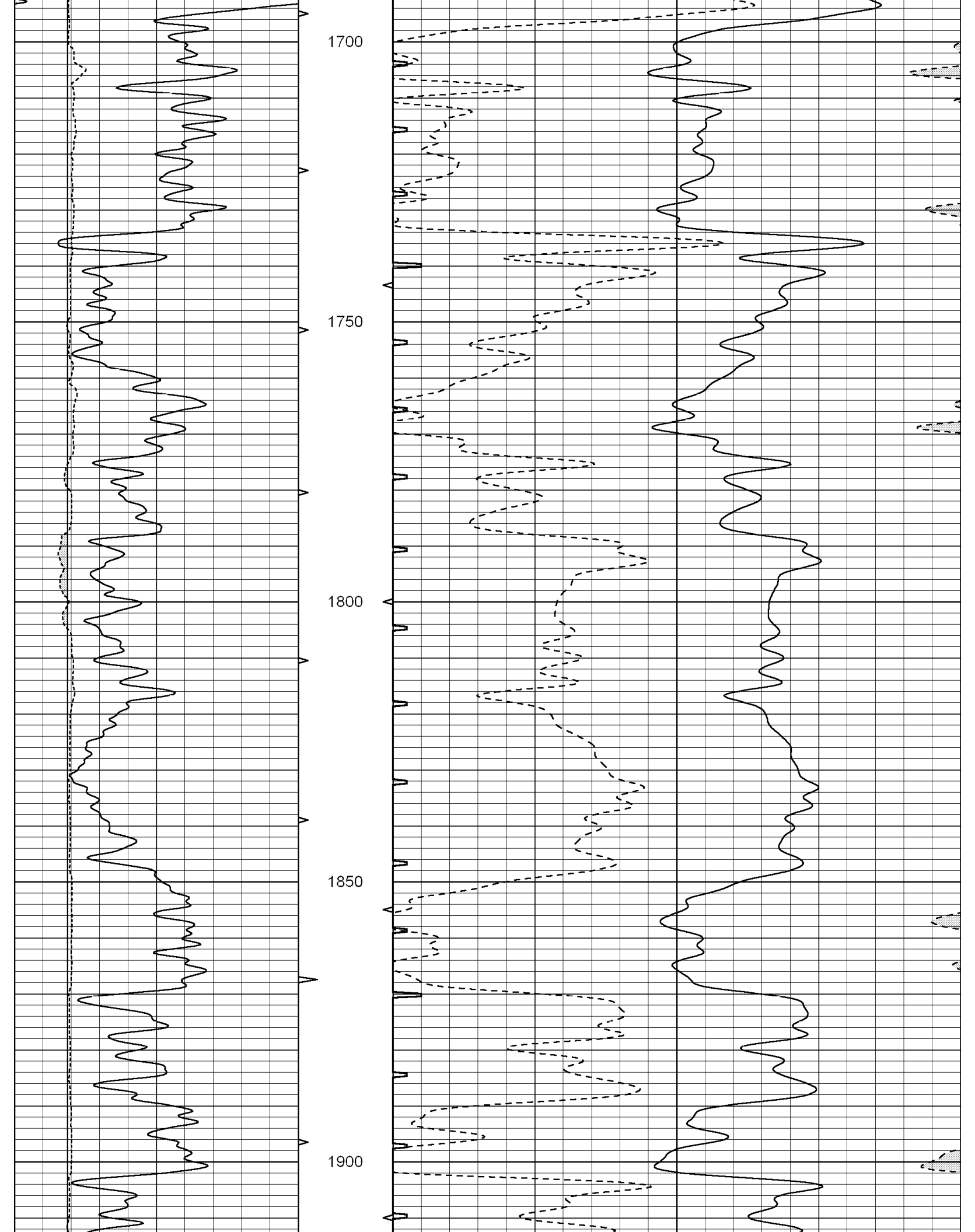
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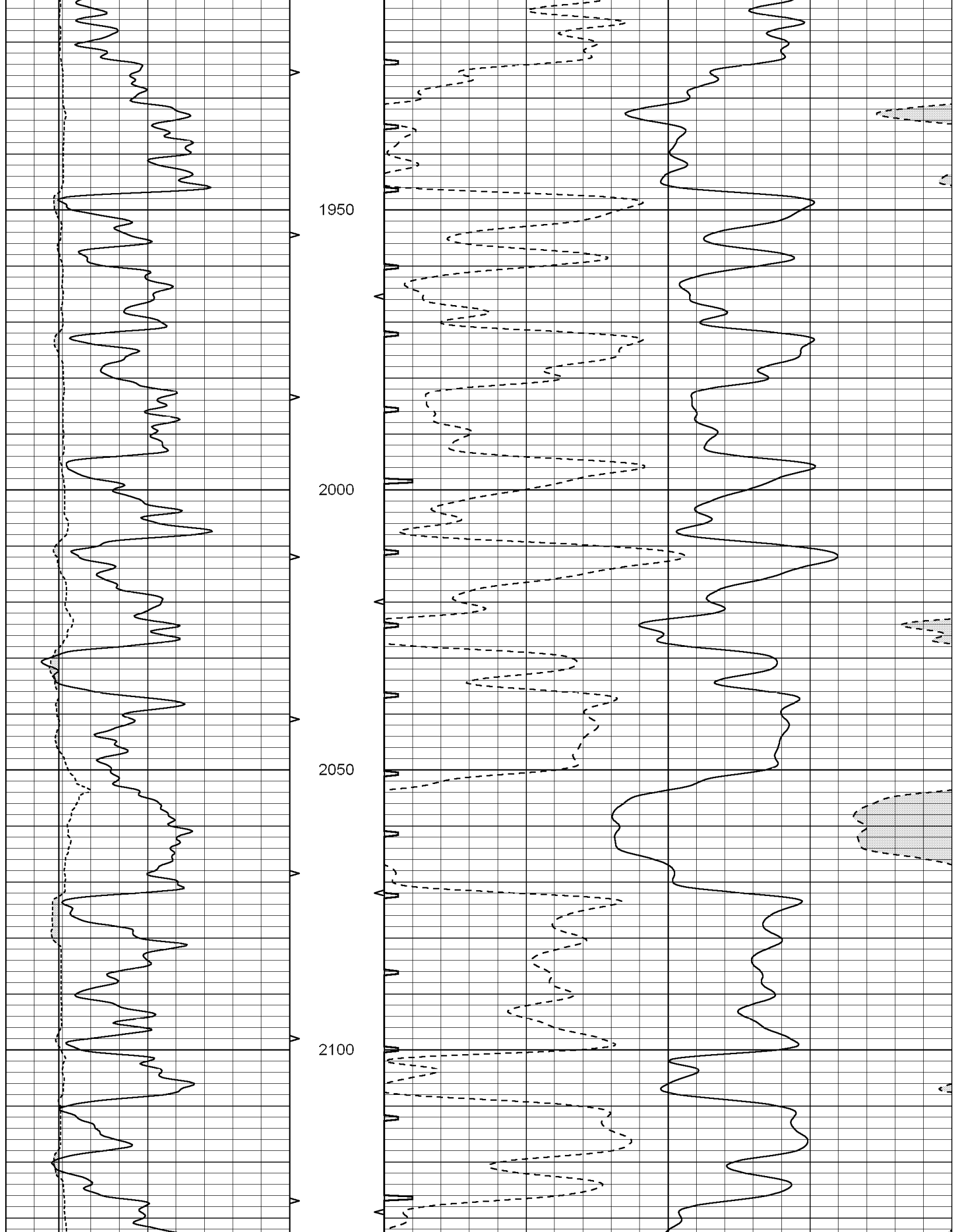


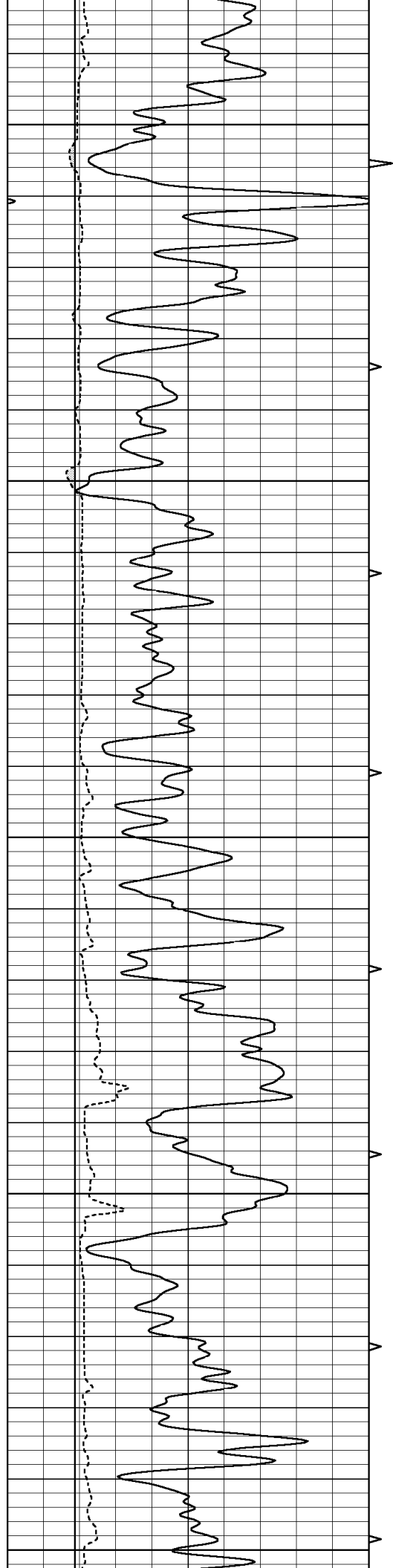












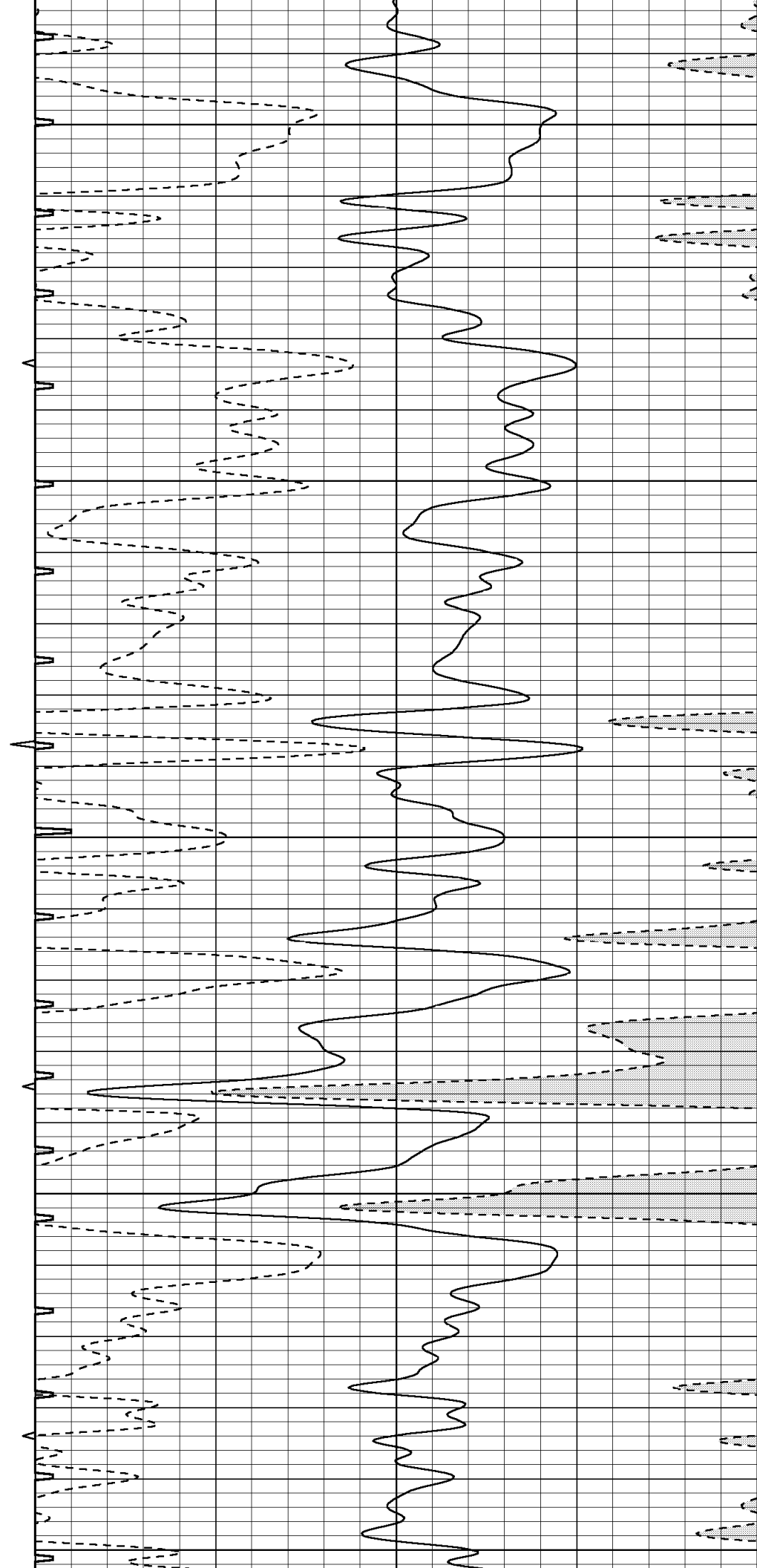
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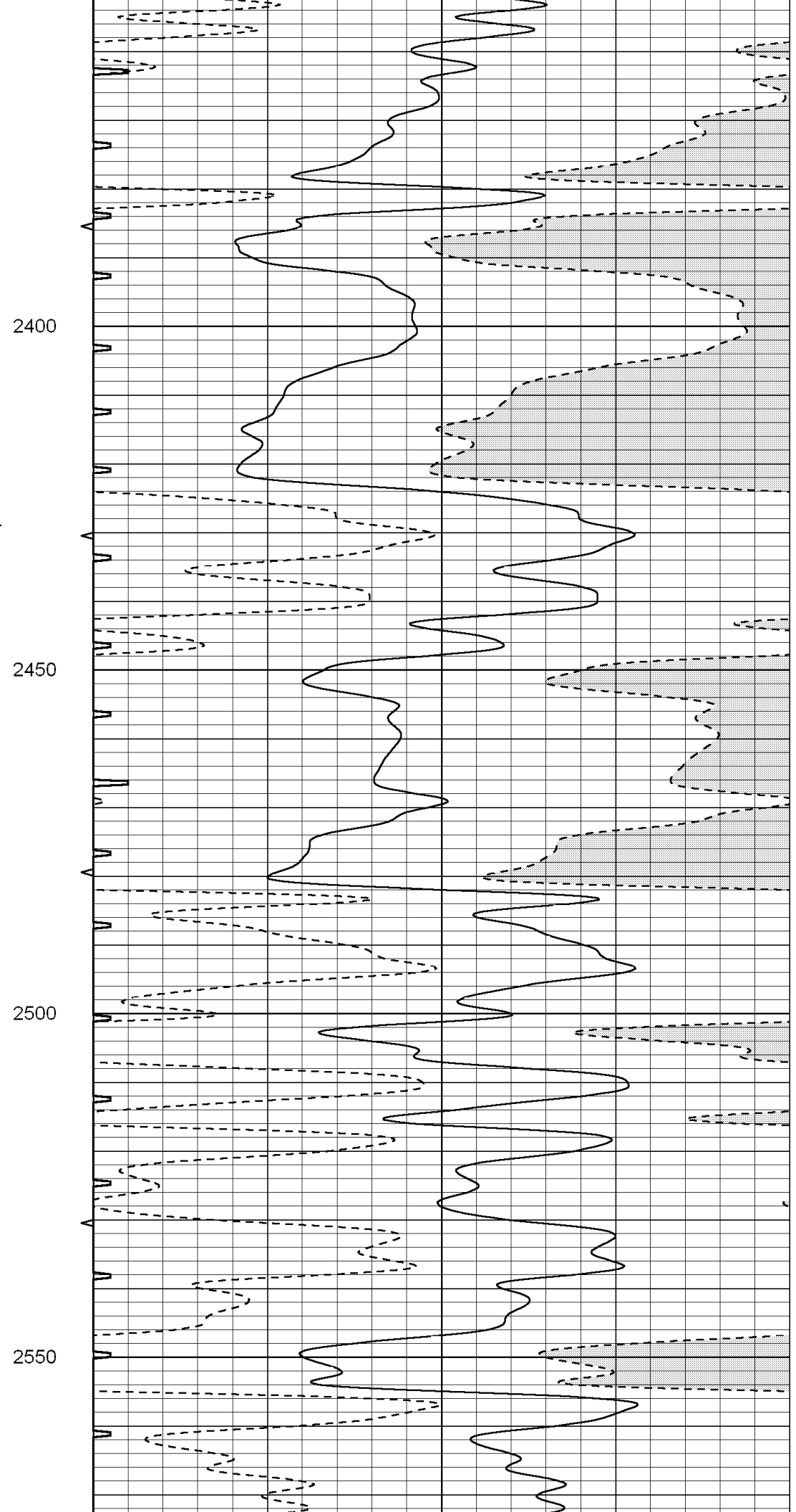
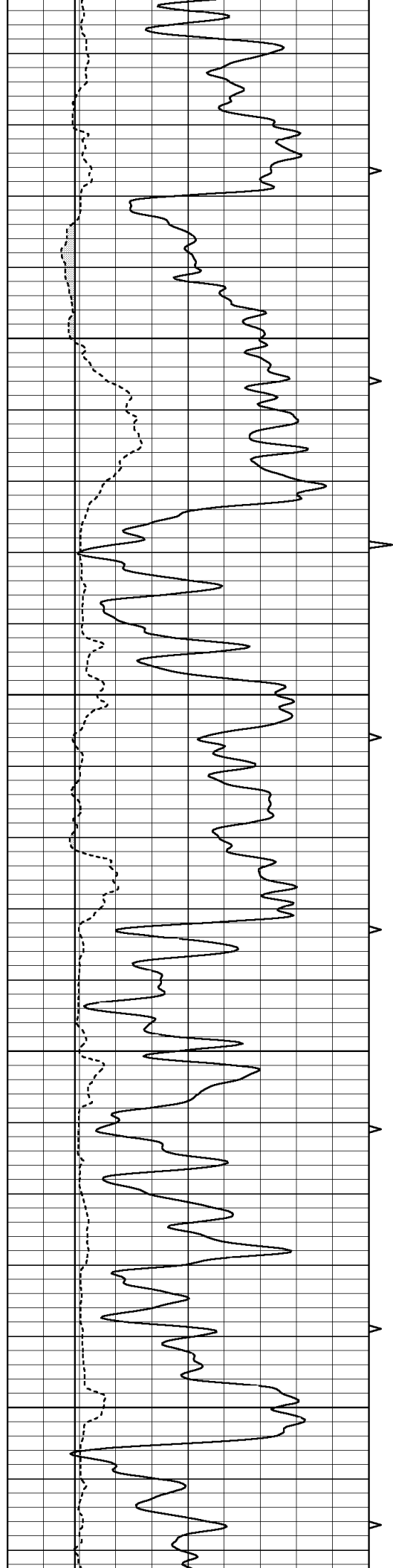
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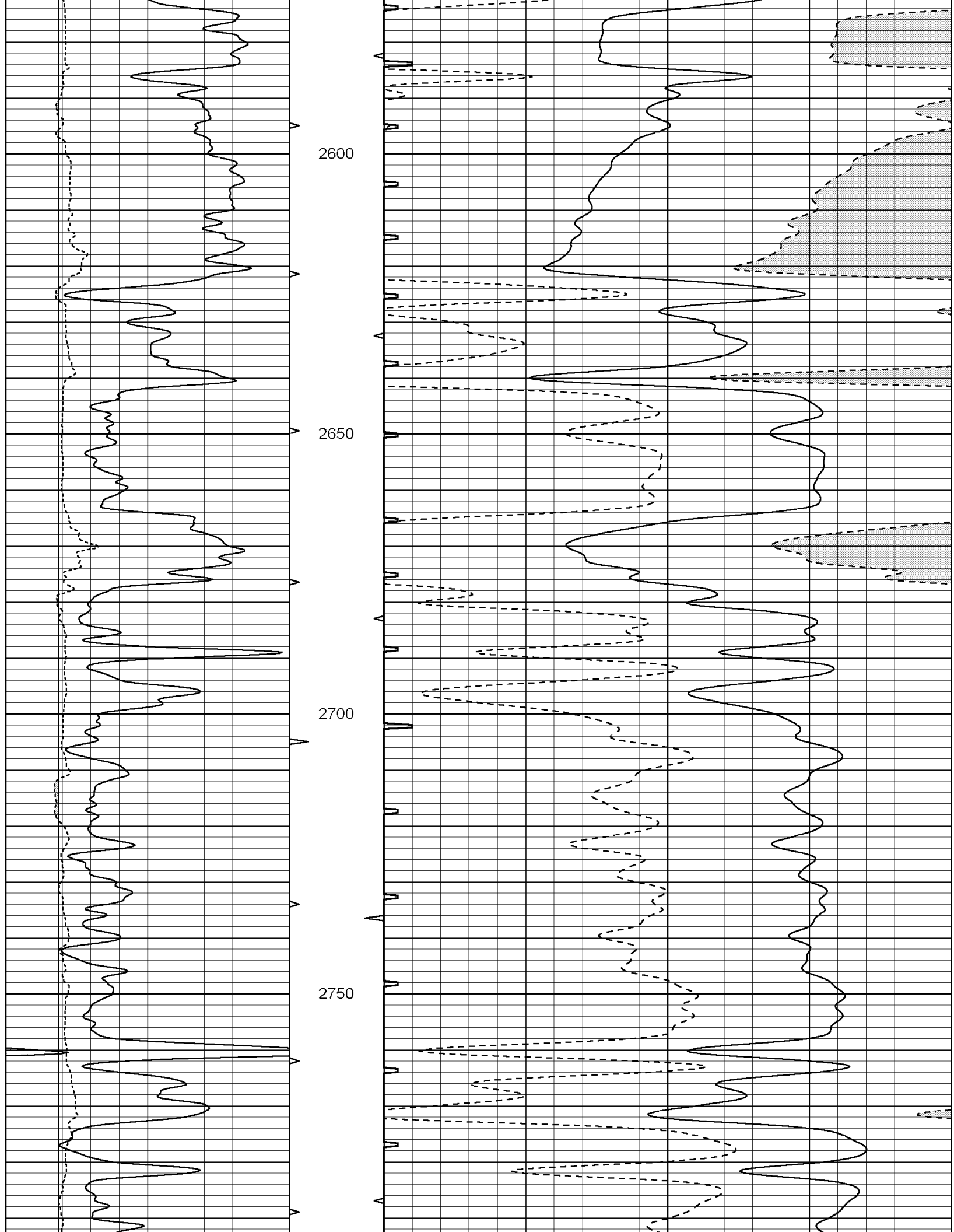
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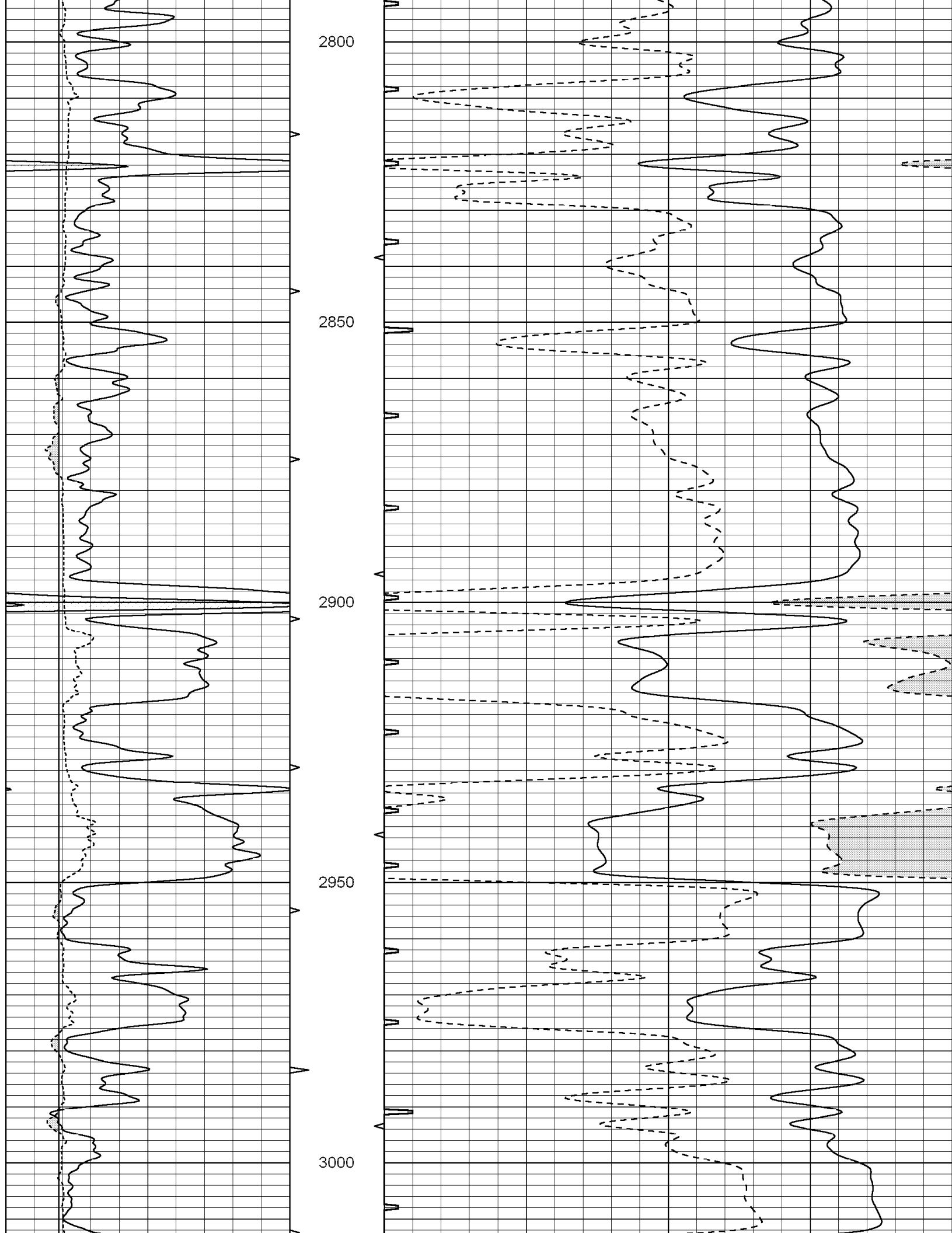
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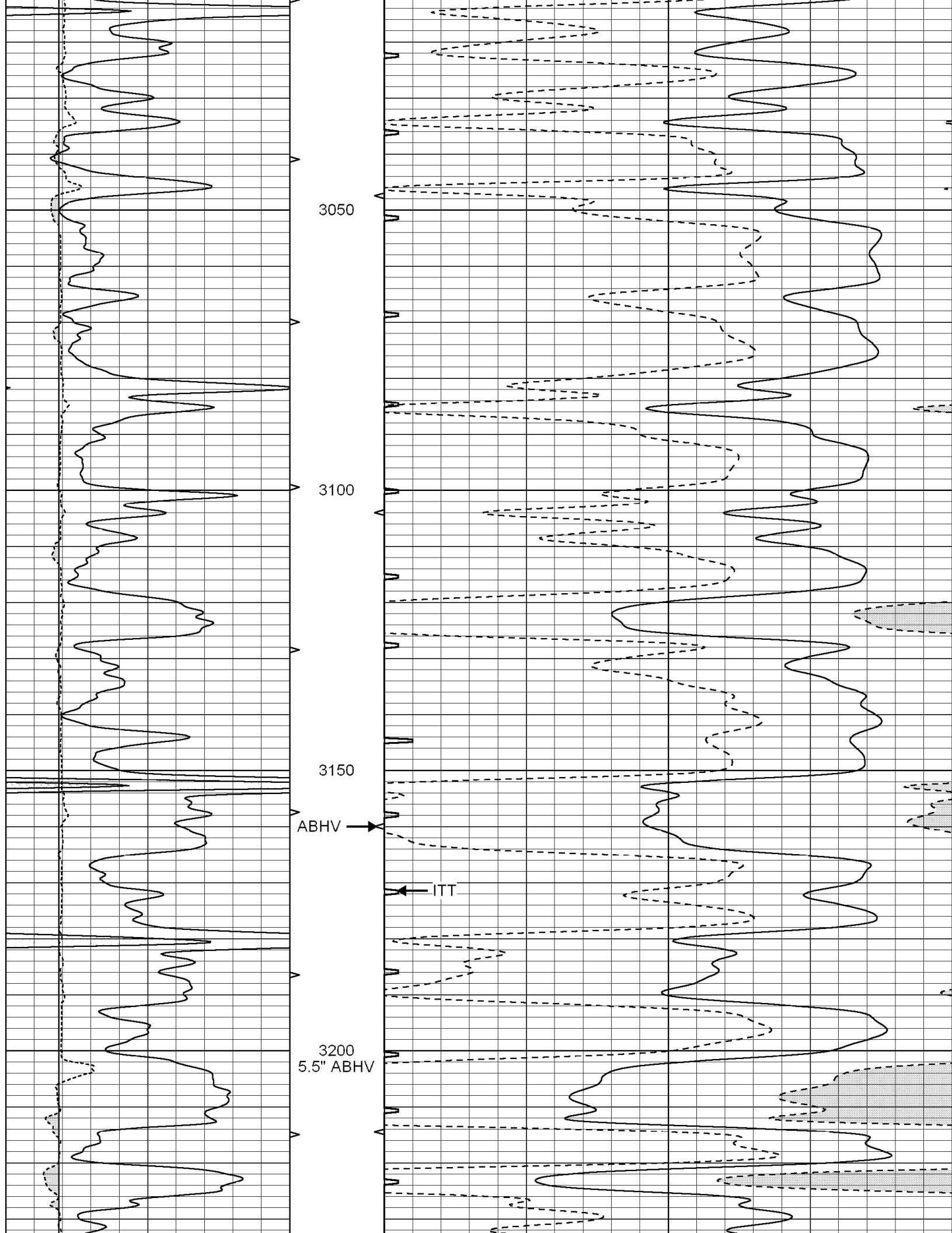
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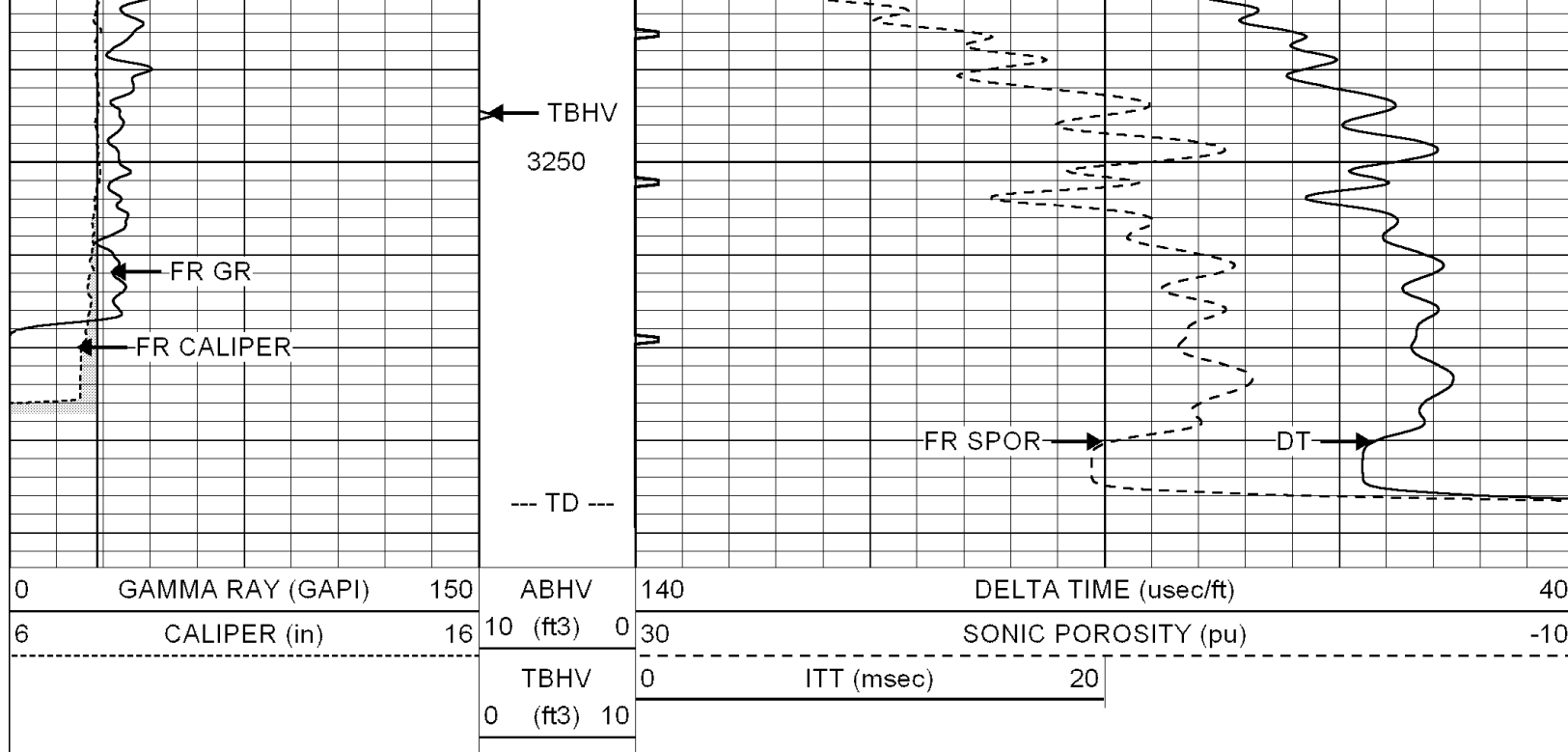












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REPEAT SECTION

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 Presentation Format: slt
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 Charted by: Depth in Feet scaled 1:240

