

SONIC LOG

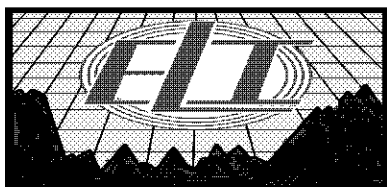
Company	EDISON OPERATING COMPANY, LLC.	
Well	O'CONNOR #1-8	
Field	KNOCHE SOUTH	
County	STAFFORD	State KANSAS
Location:	API # : 15-185-24053-0000	Other Services CDL/CNL/PE DIL/MEL
Permanent Datum	SEC 8 TWP 24S RGE 12W	Elevation
Log Measured From	GROUND LEVEL	K.B. 1895
Drilling Measured From	KELLY BUSHING 10' A.G.L.	D.F. 1893
		G.L. 1885
Date	5/25/19	
Run Number	TWO	
Depth Driller	4140	
Depth Logger	4141	
Bottom Logged Interval	4131	
Top Log Interval	400	
Casing Driller	8 5/8" @ 418	
Casing Logger	417	
Bit Size	7 7/8	
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 10400 PPM
Density / Viscosity	9.2/50	
pH / Fluid Loss	10.0/10.4	
Source of Sample	FLOWLINE	
Rm @ Meas. Temp	.40 @ 92F	
Rmf @ Meas. Temp	.30 @ 92F	
Rmc @ Meas. Temp	.48 @ 92F	
Source of Rmf / Rmc	MEASUREMENT	
Rm @ BHT	.31 @ 117F	
Time Circulation Stopped	2 HOURS	
Time Logger on Bottom	////	
Maximum Recorded Temperature	117F	
Equipment Number	3802	
Location	HAYS, KANSAS	
Recorded By	JASON CAPPELLUCCI	
Witnessed By	DEREK PATTERSON	

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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

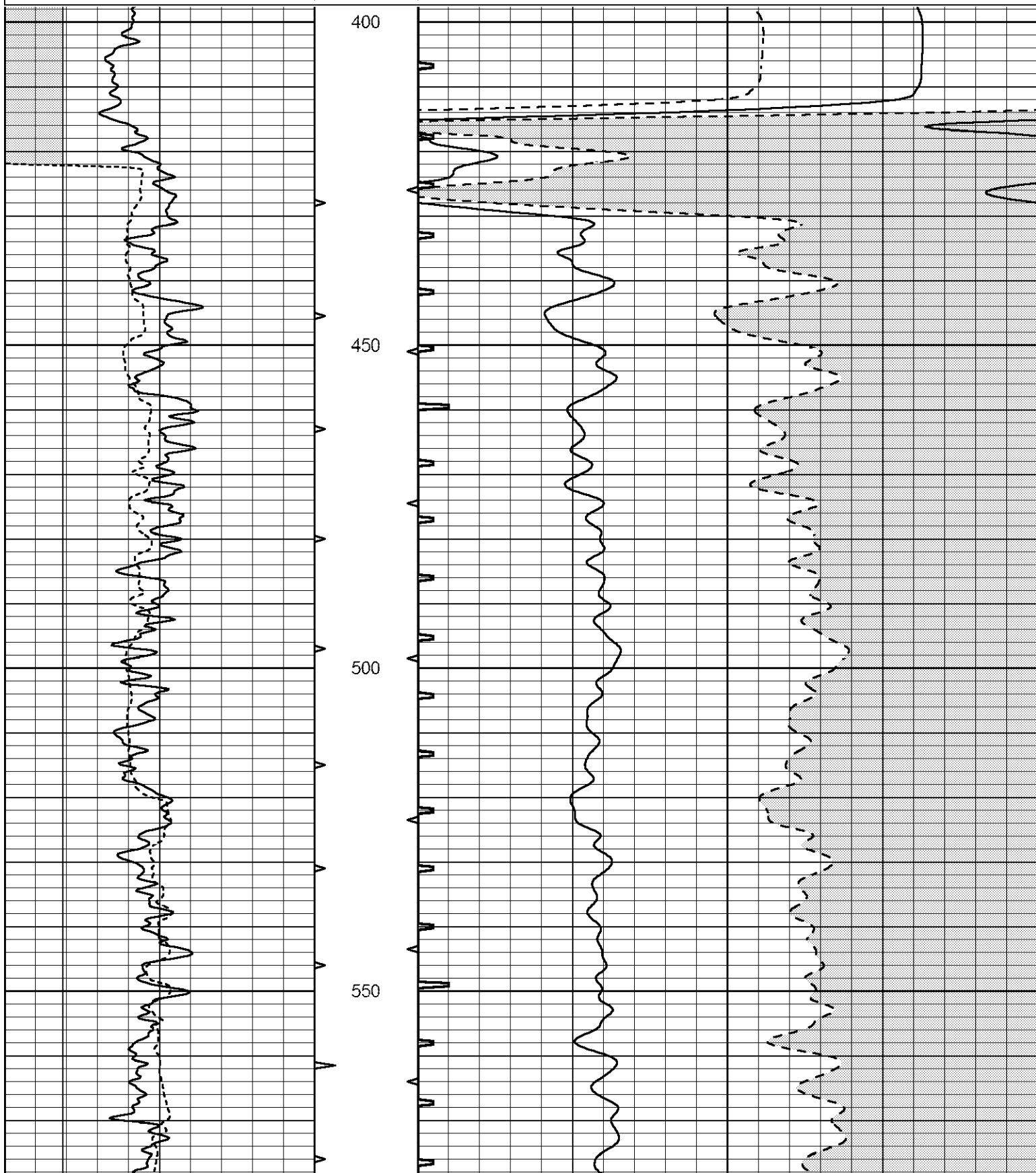
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
STAFFORD, KS. - 3 WEST TO RD 50 - 2 NORTH TO RD. 10 - 1/4 WEST - NORTH INTO

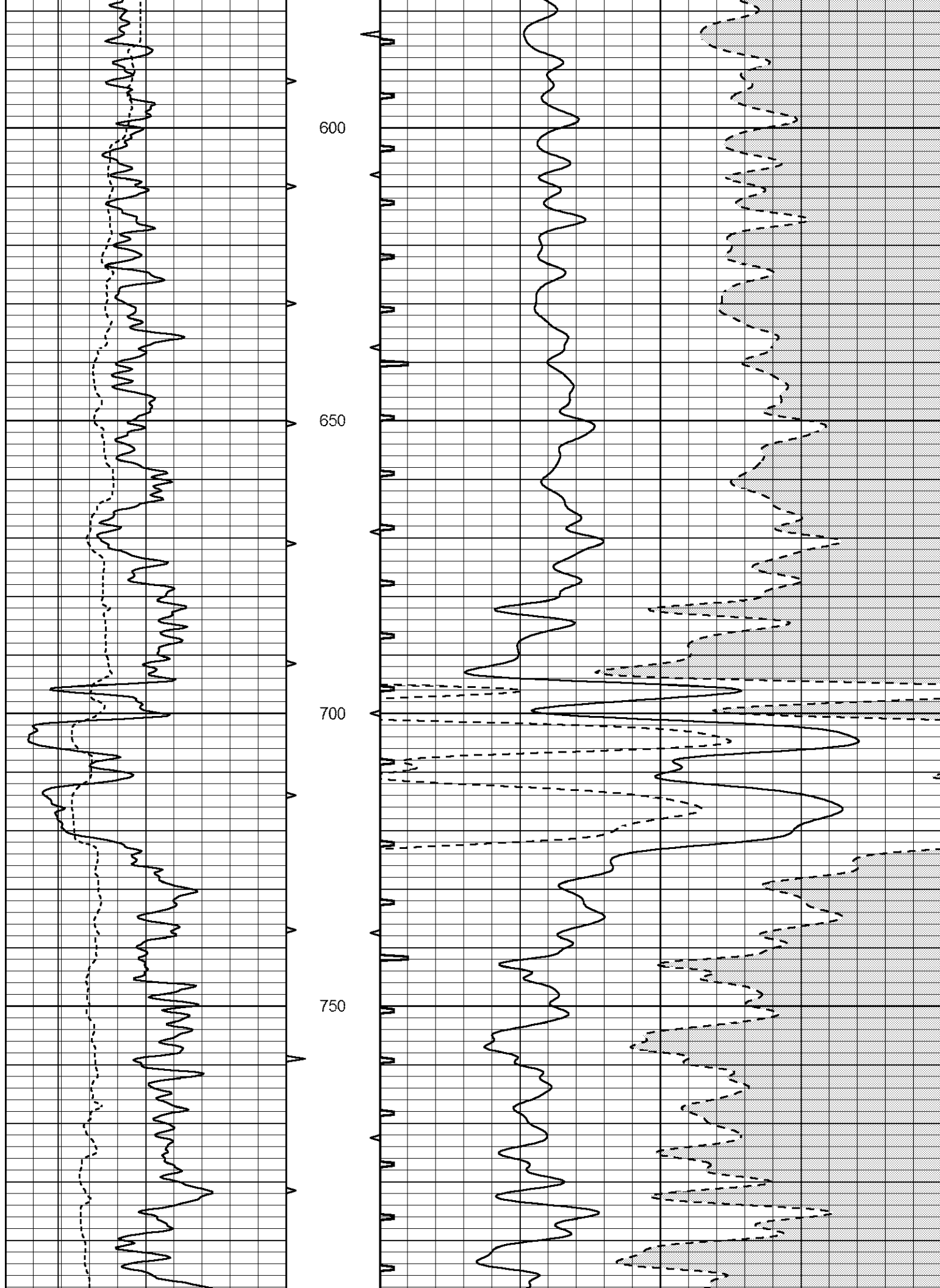


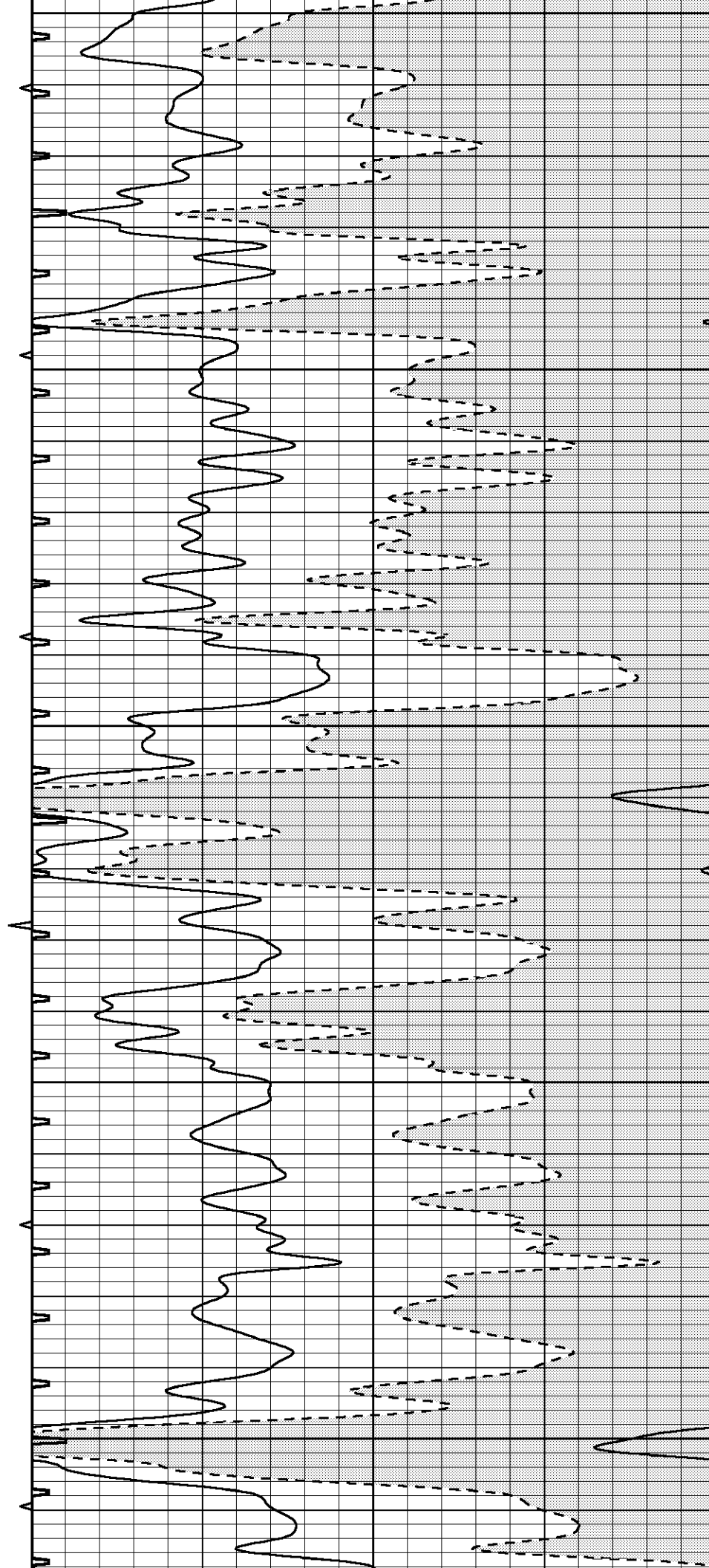
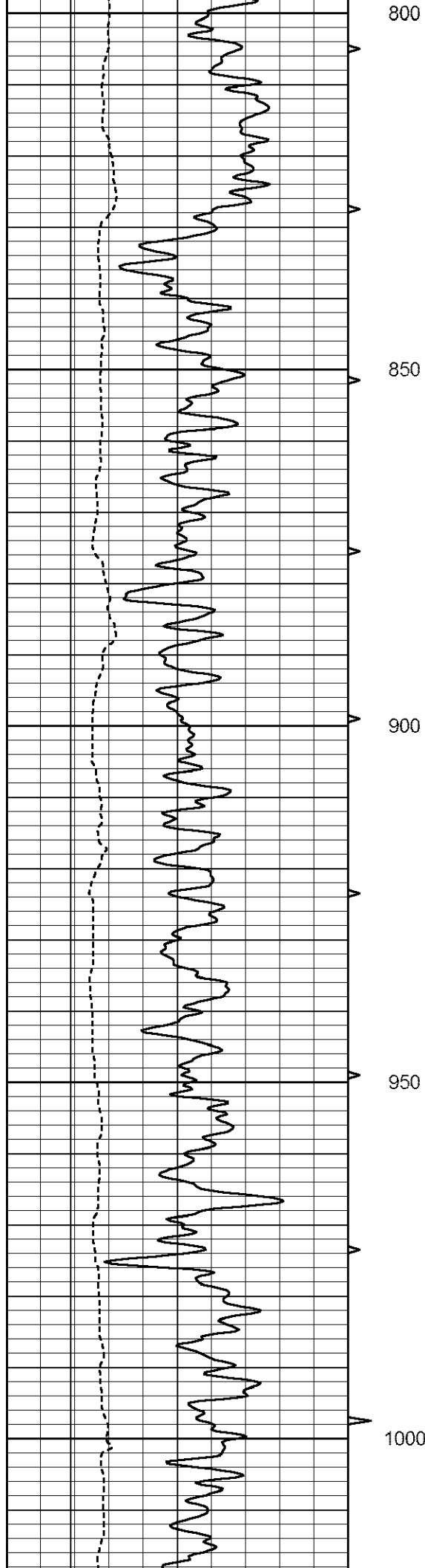
MAIN SECTION

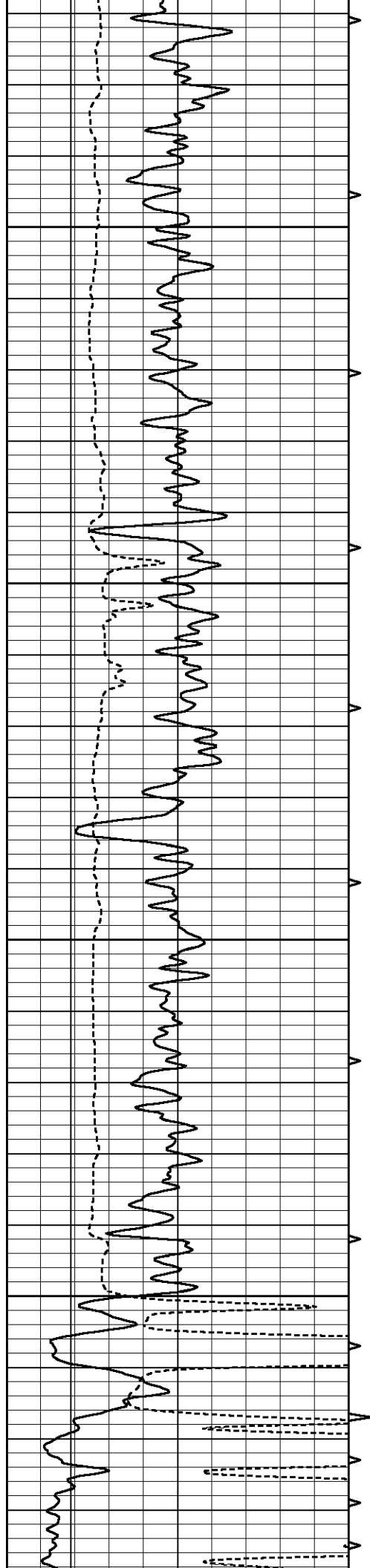
Database File	3640pe8.db
Dataset Pathname	pass7.2
Presentation Format	_slt
Dataset Creation	Sat May 25 16:51:52 2019
Charted by	Depth in Feet scaled 1:240

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			







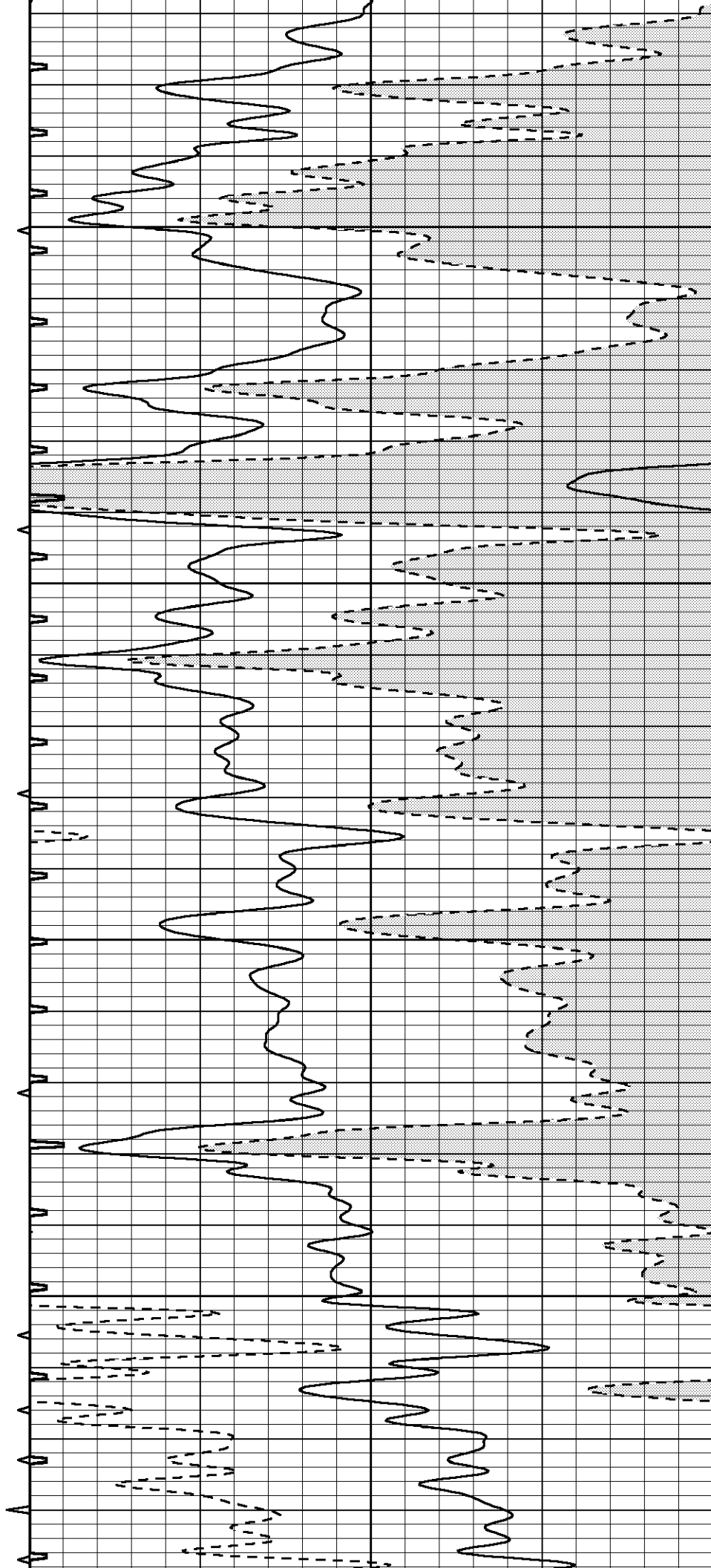


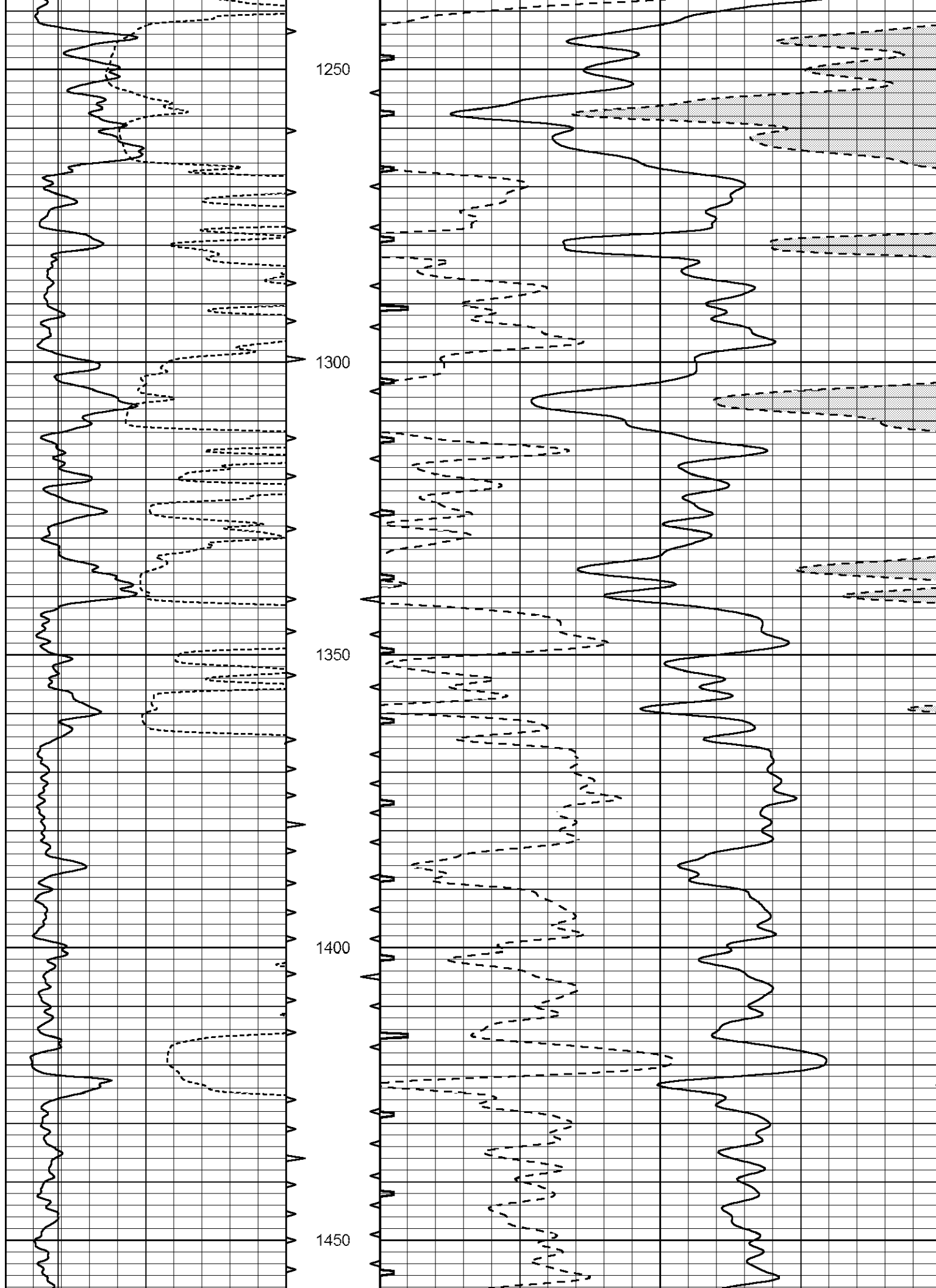
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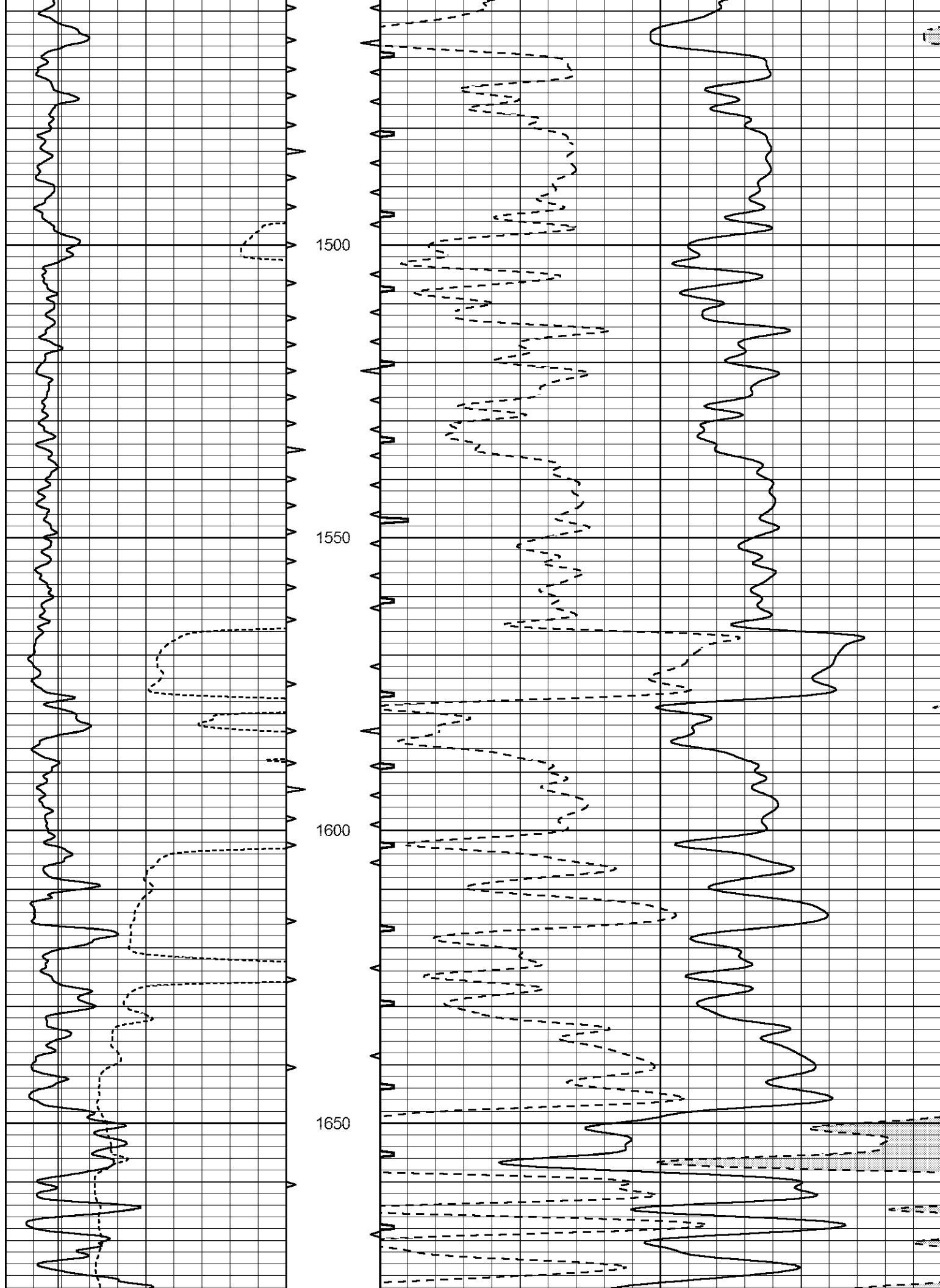
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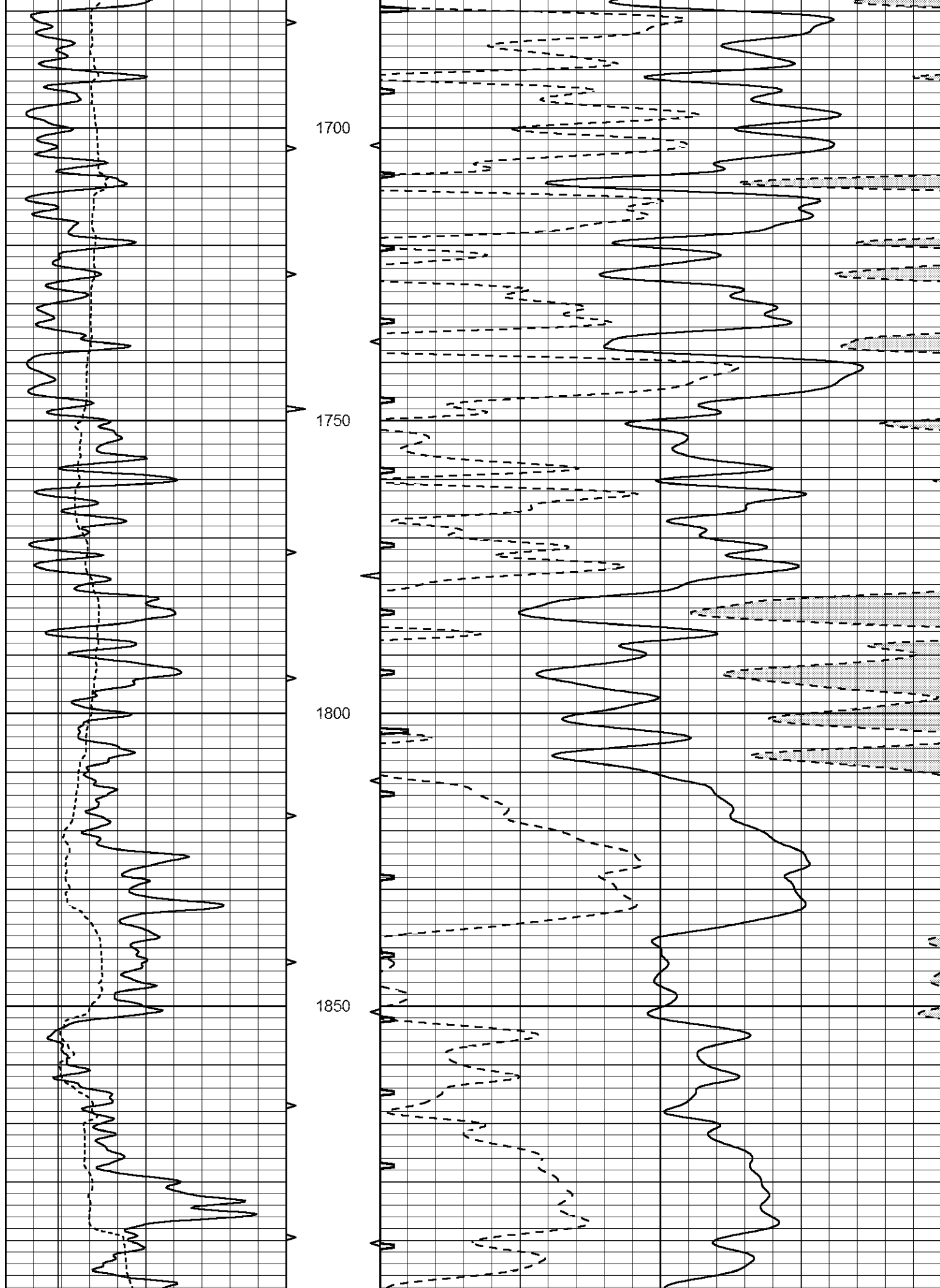
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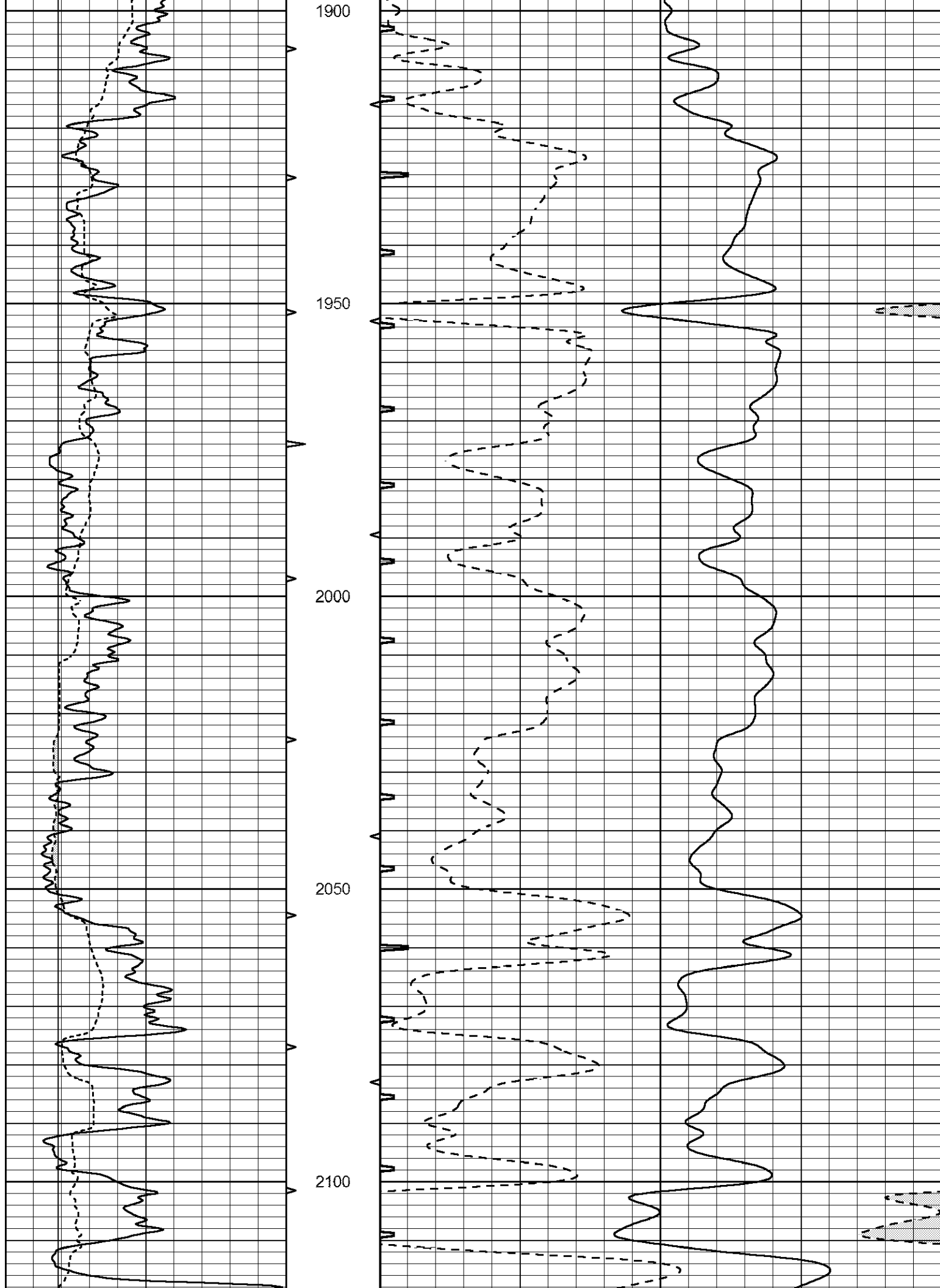
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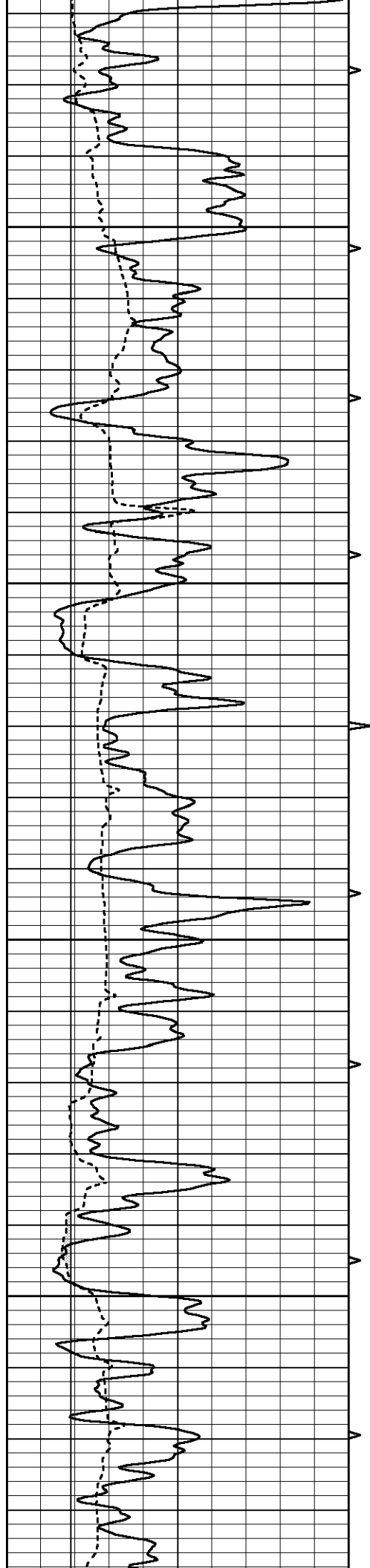










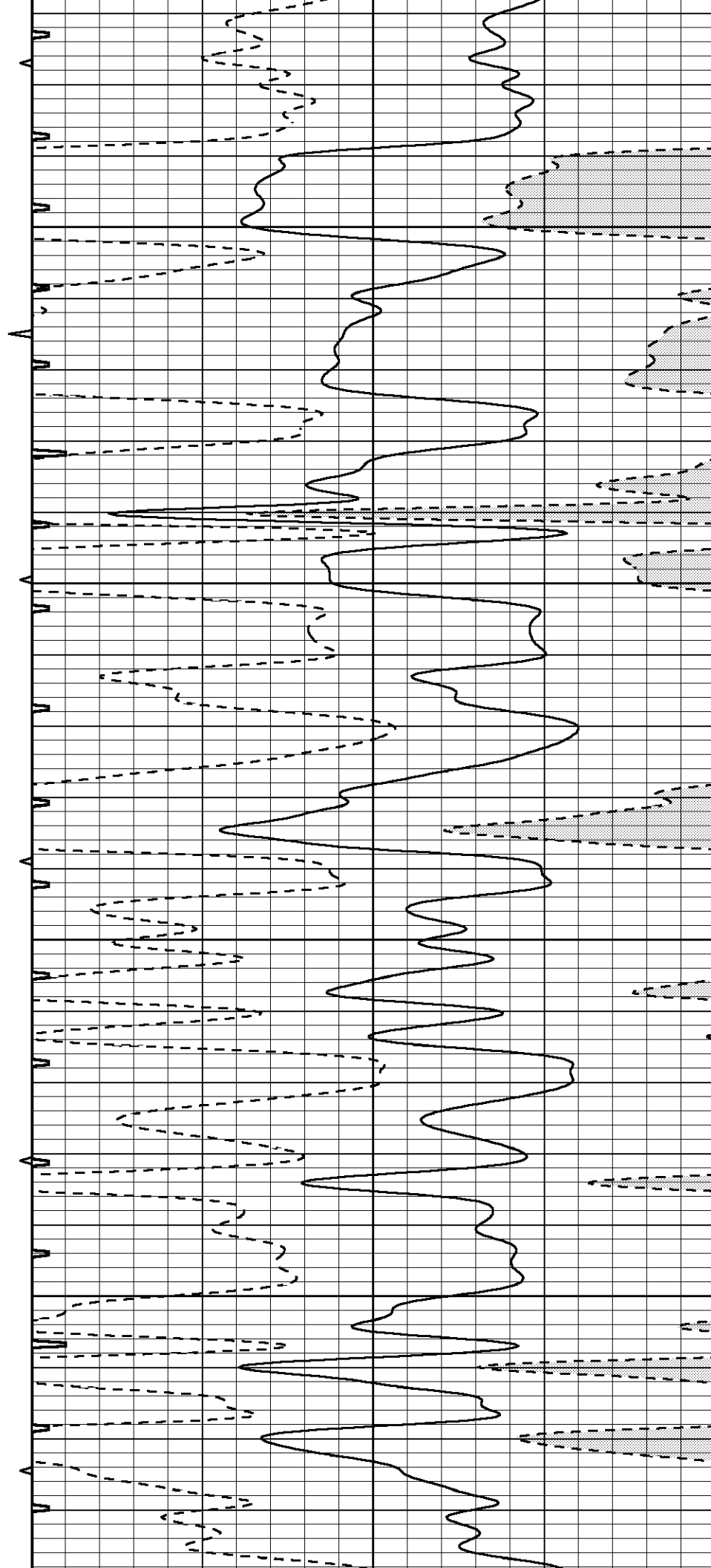


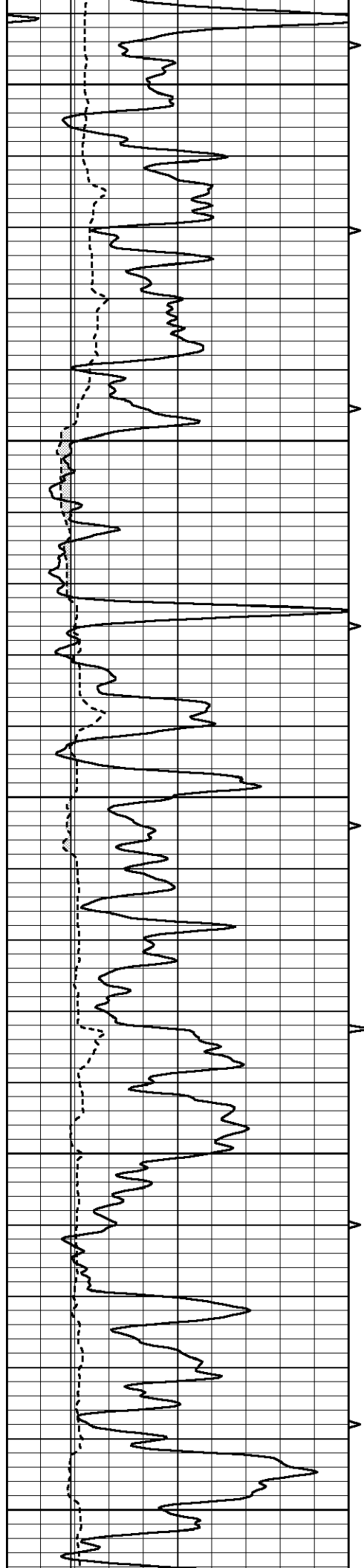
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2200

2250

2300





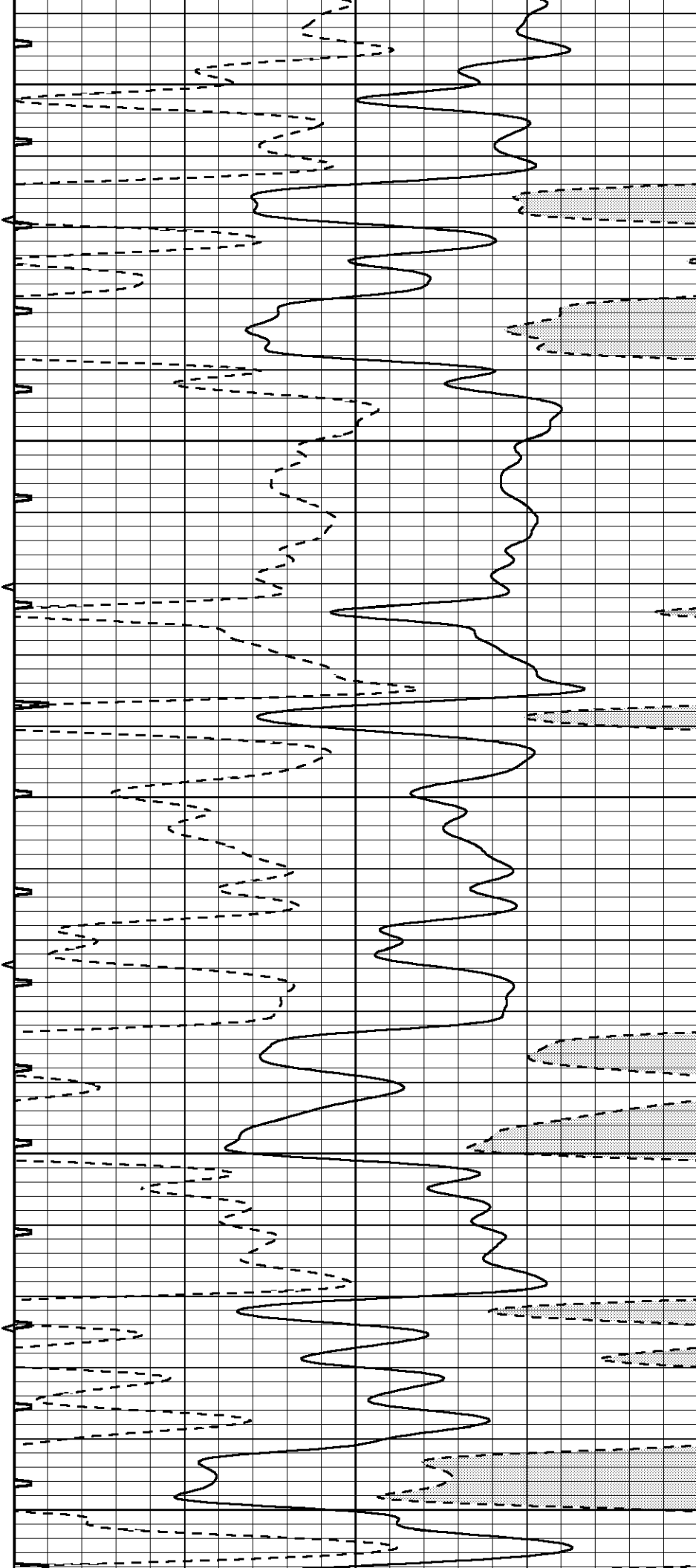
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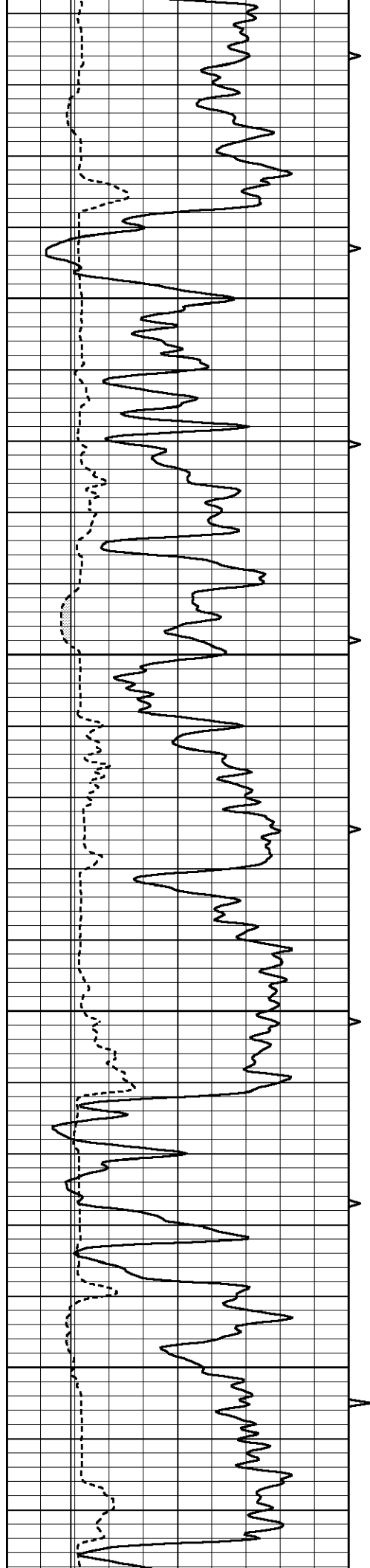
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2550



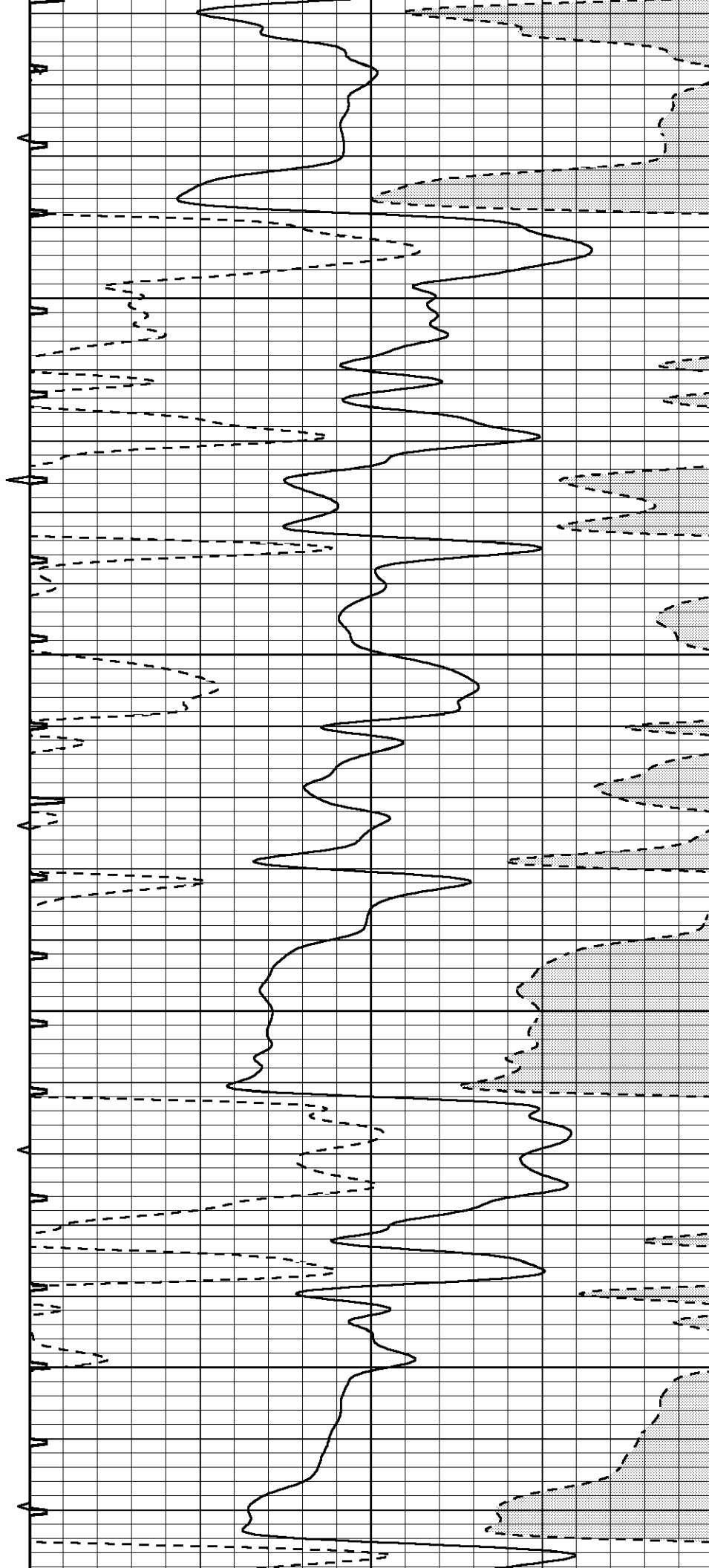


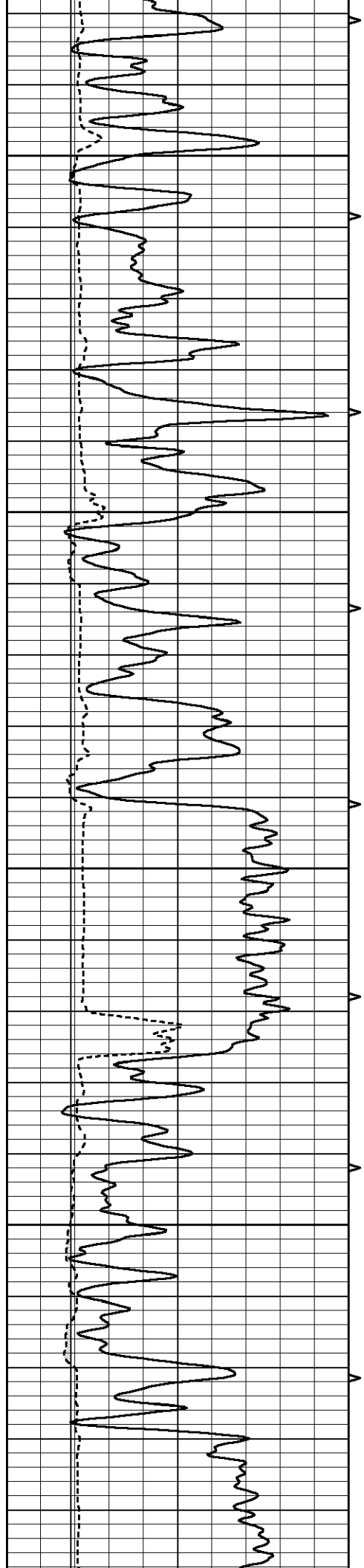
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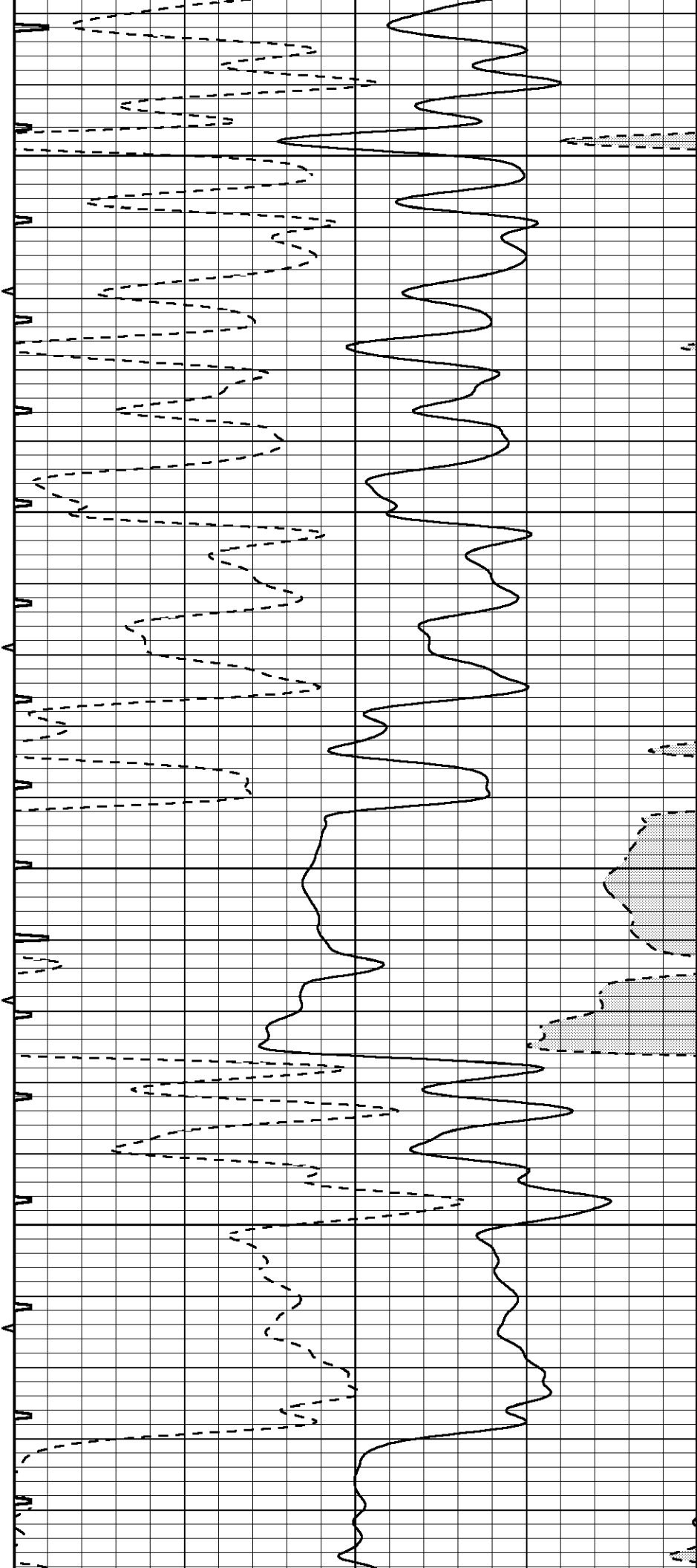


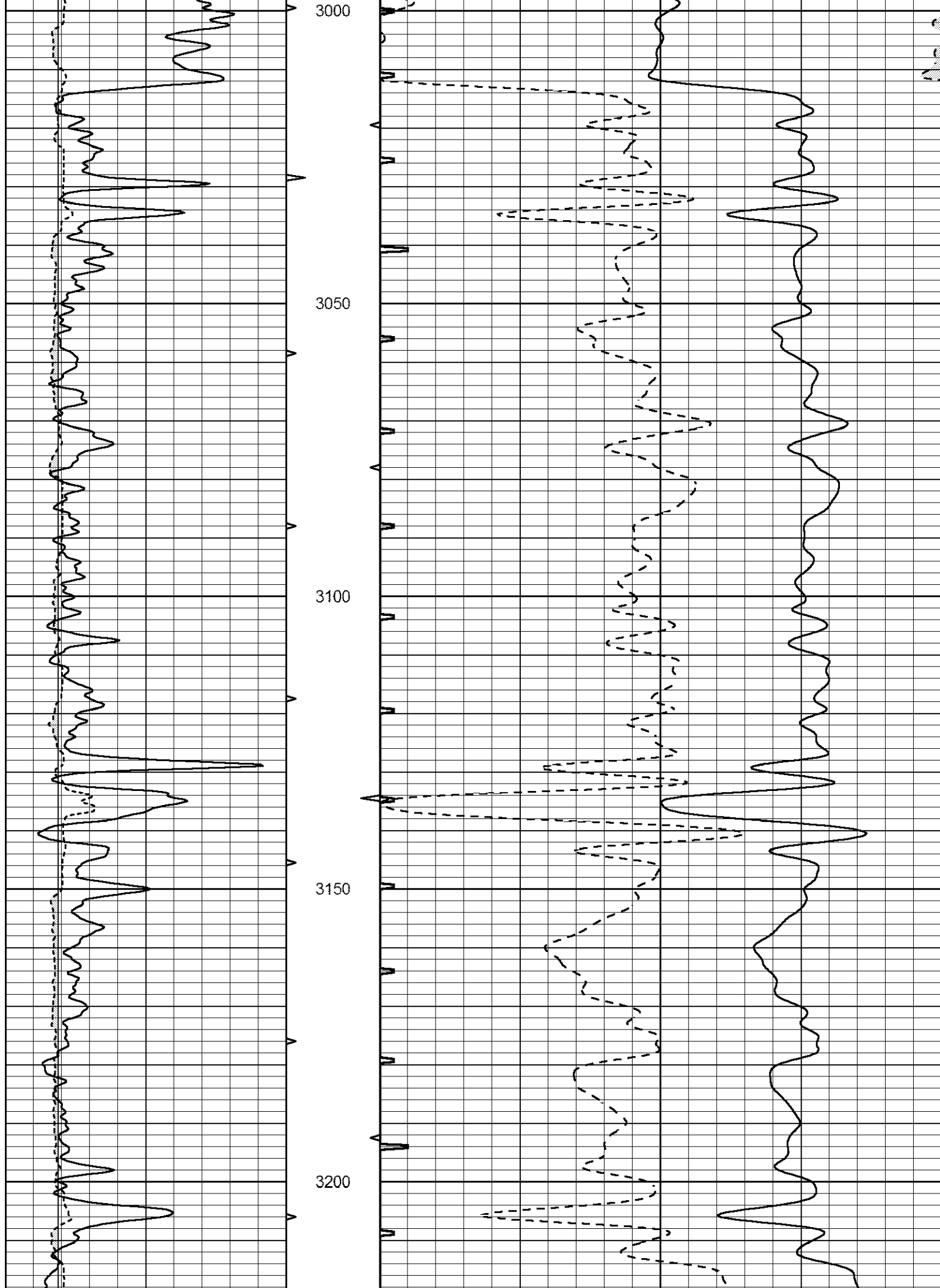
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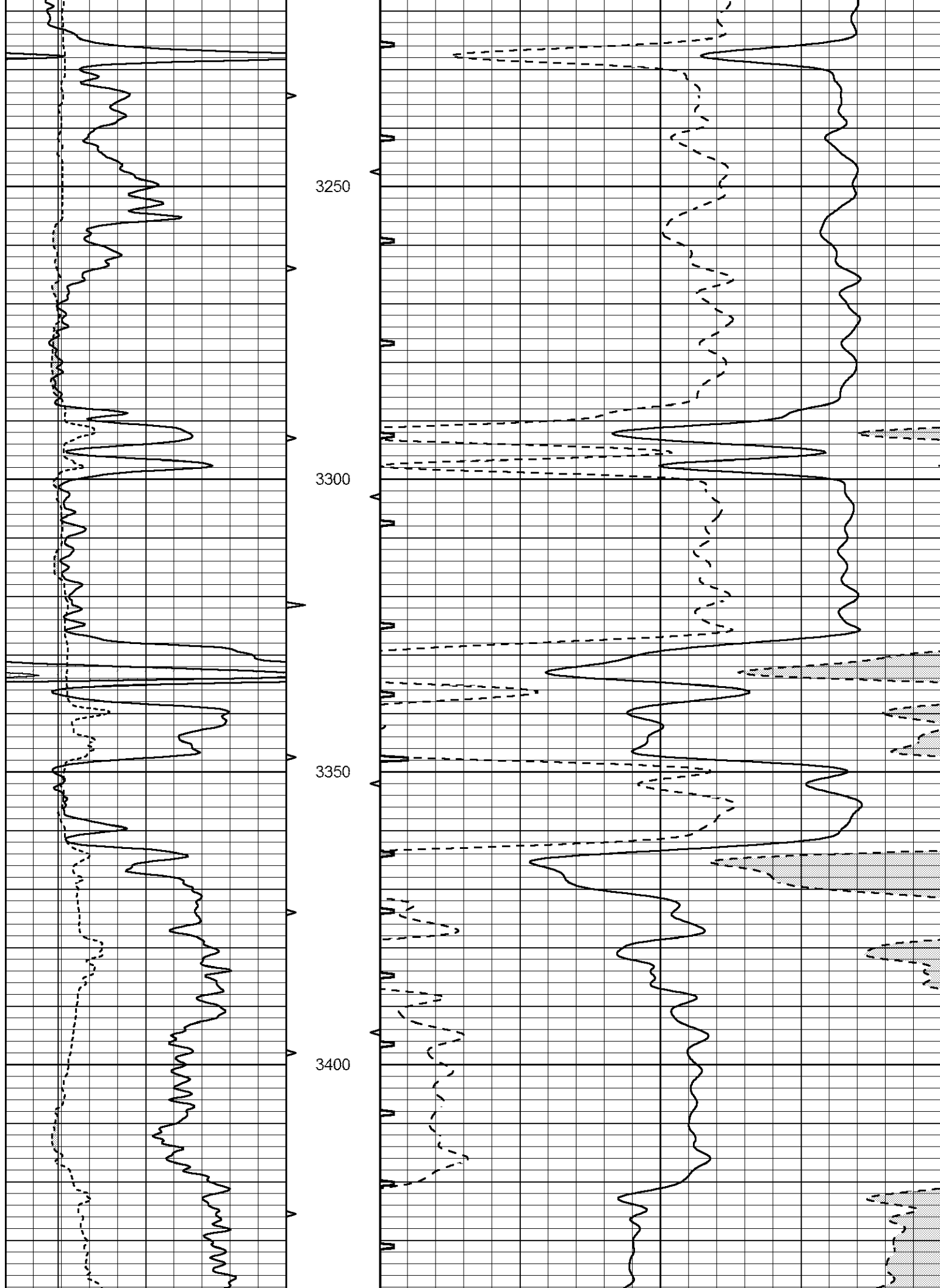
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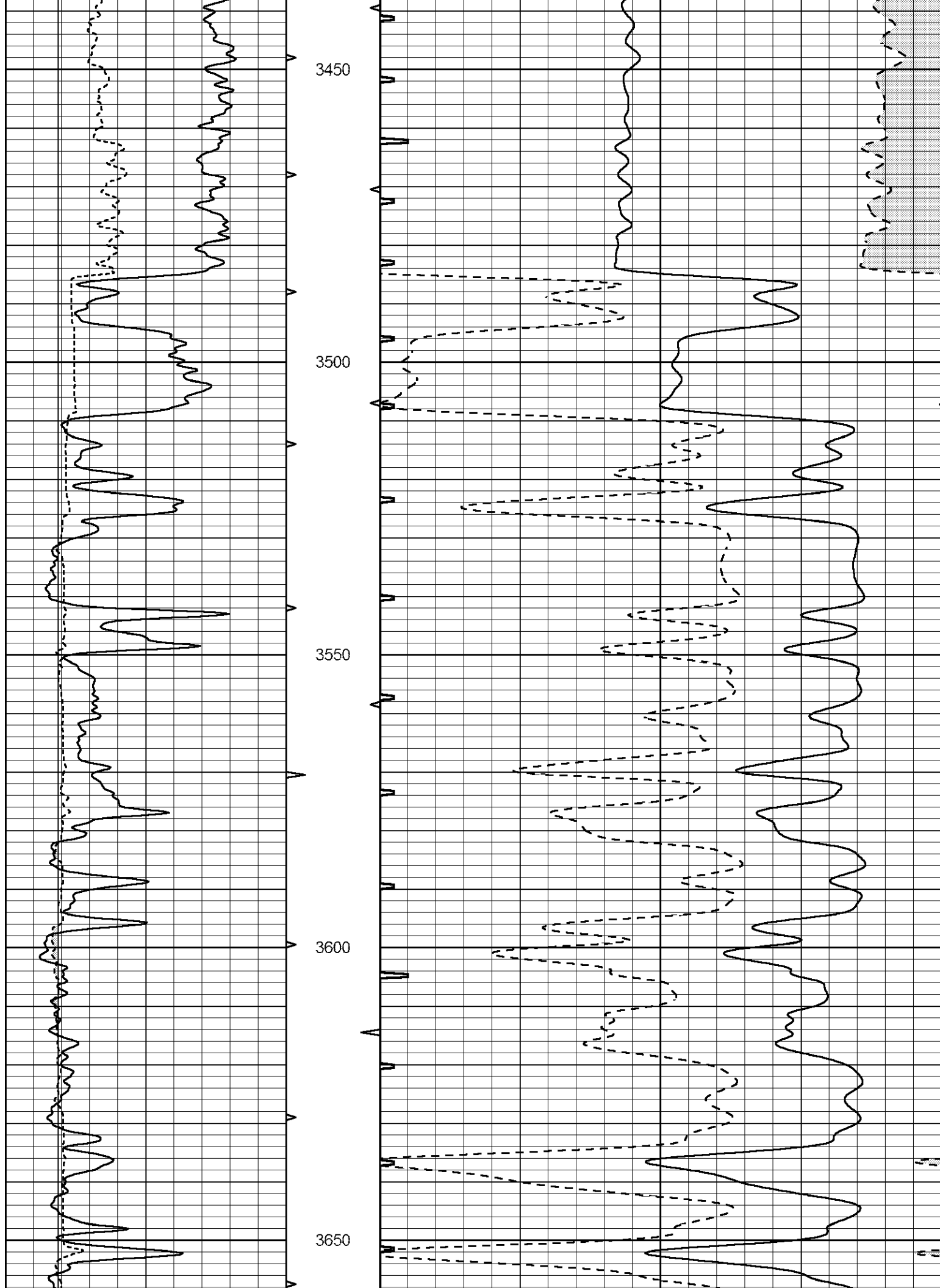
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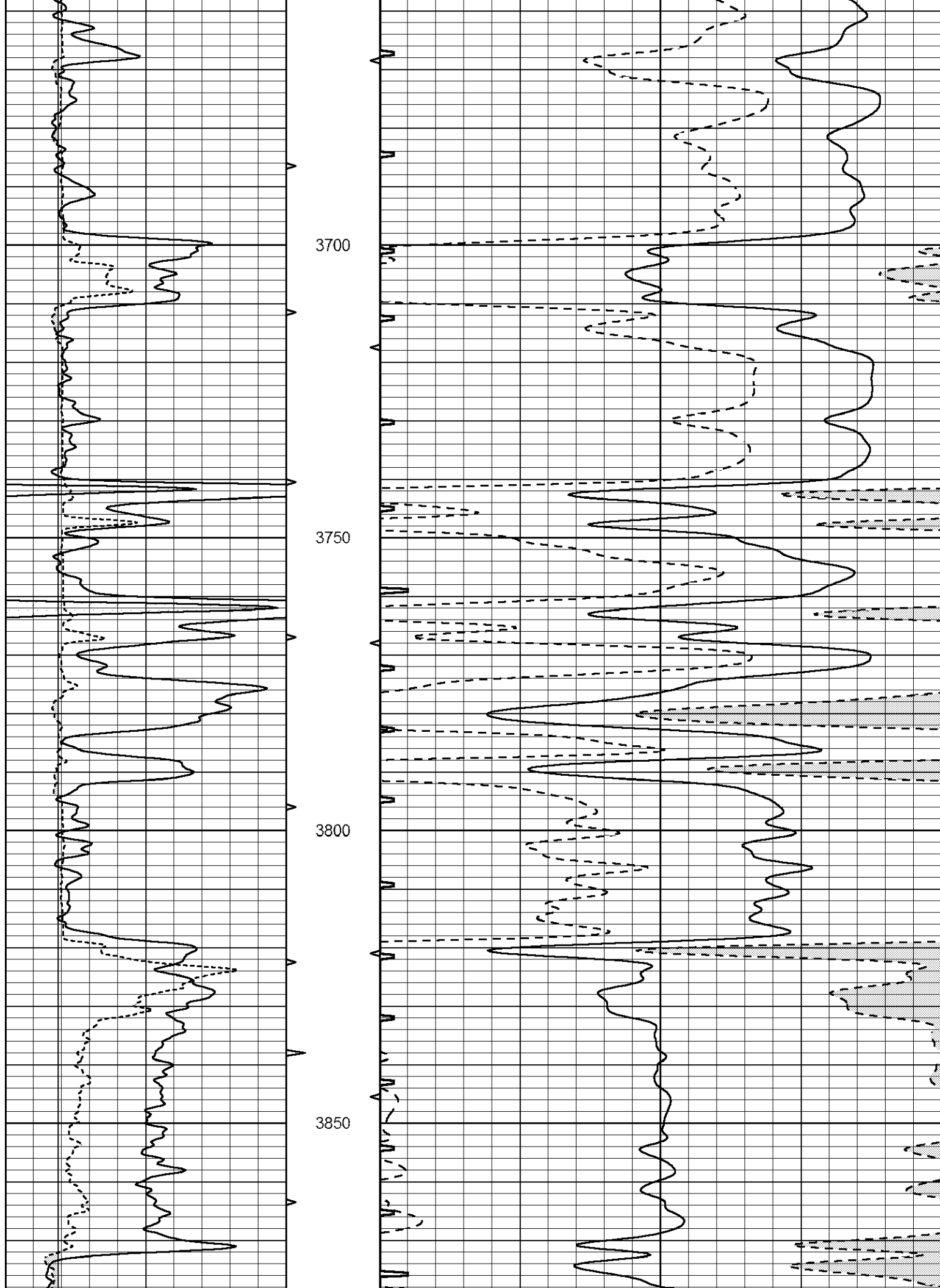
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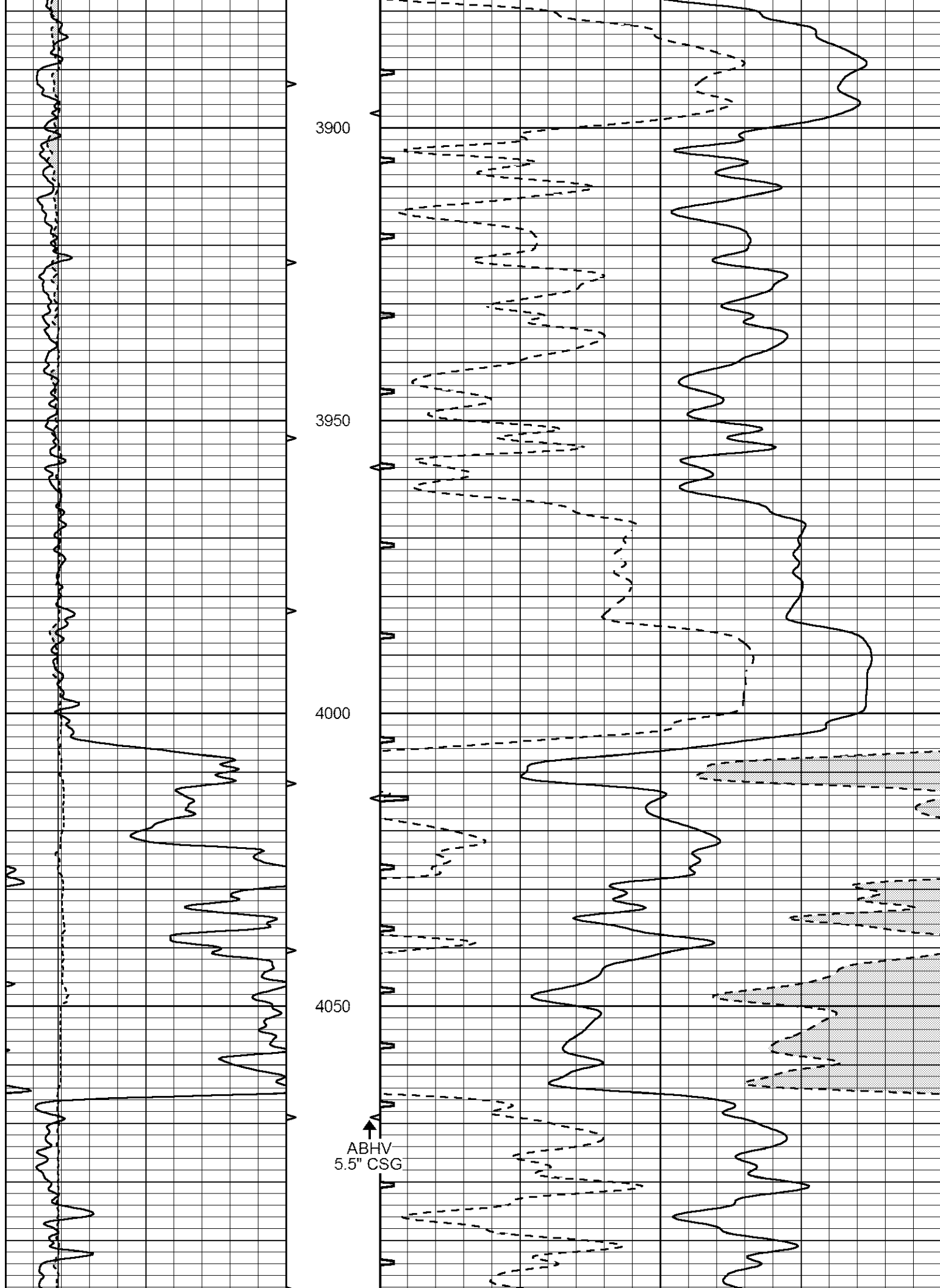


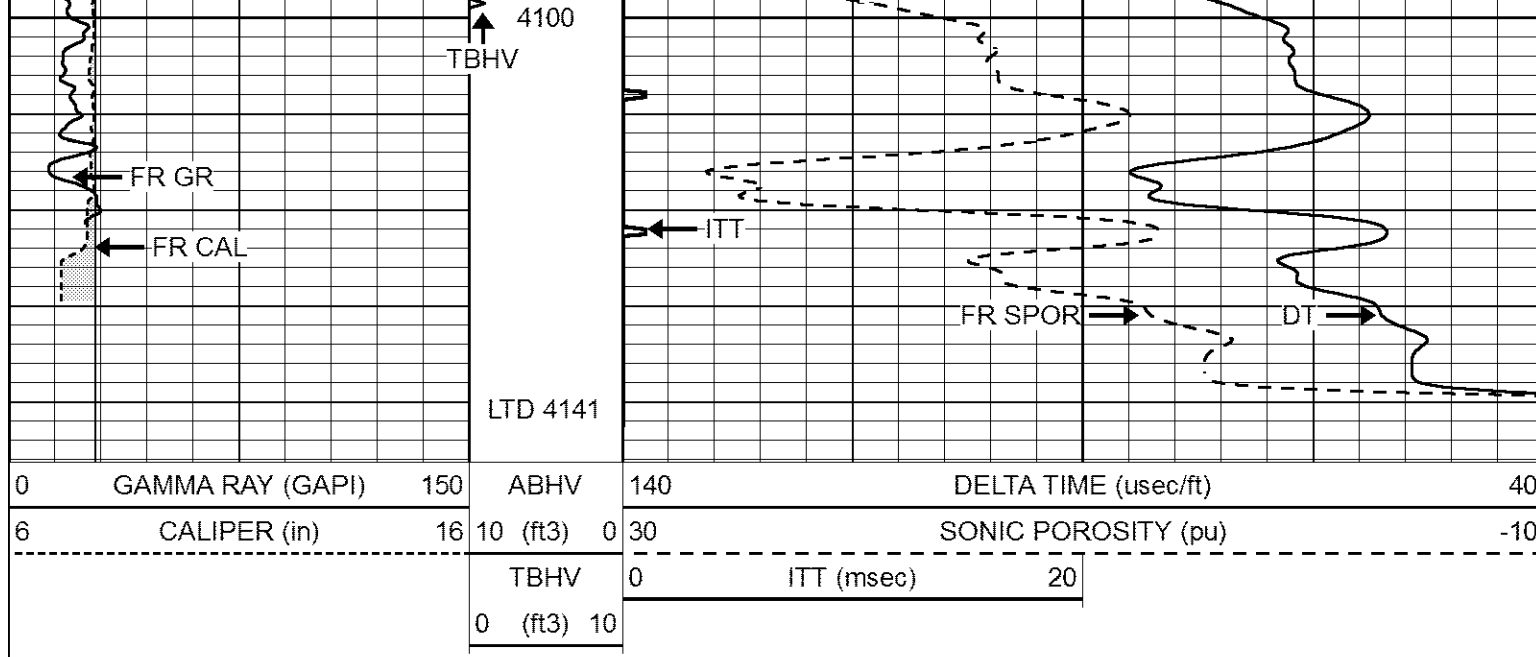






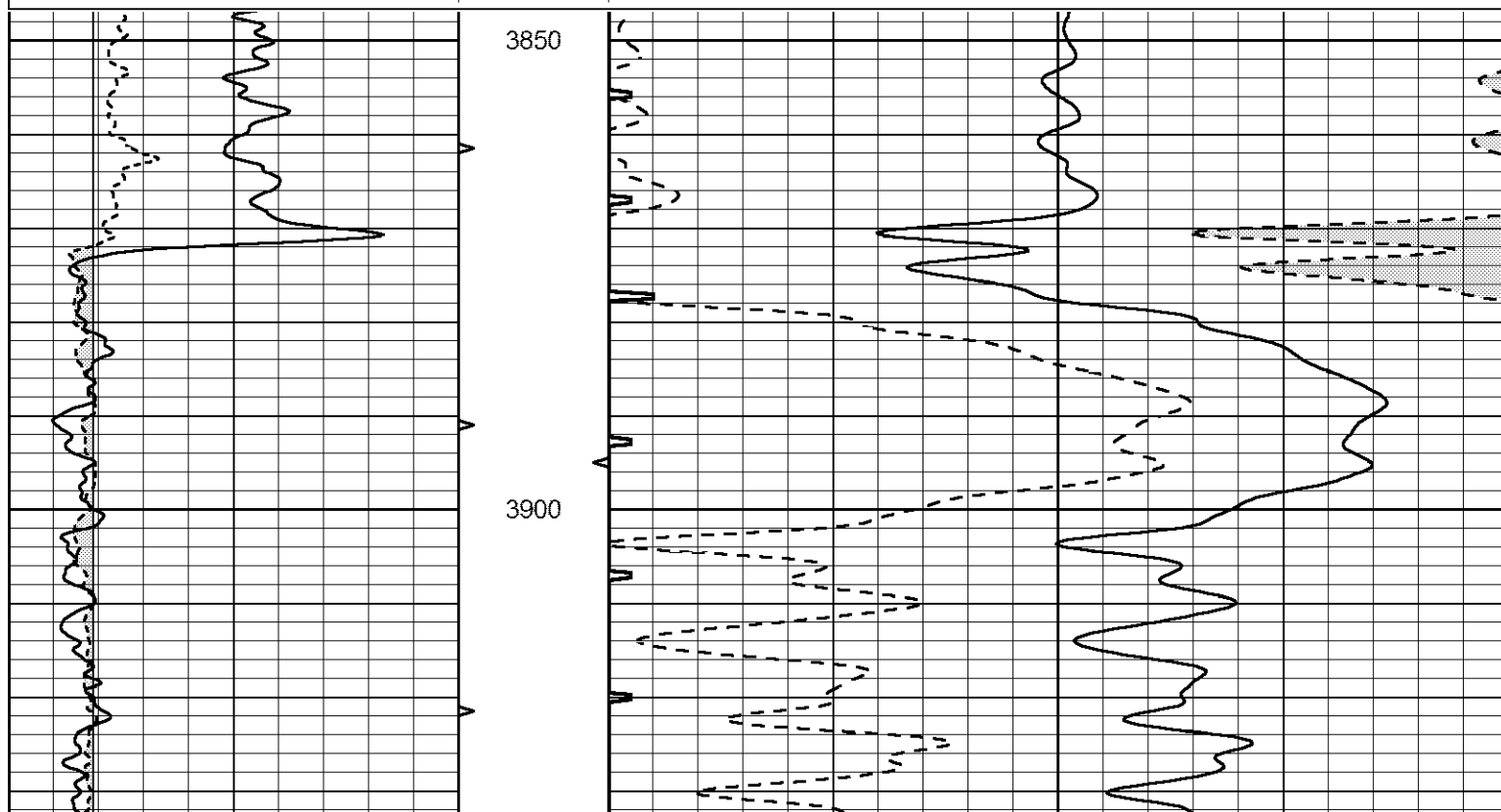
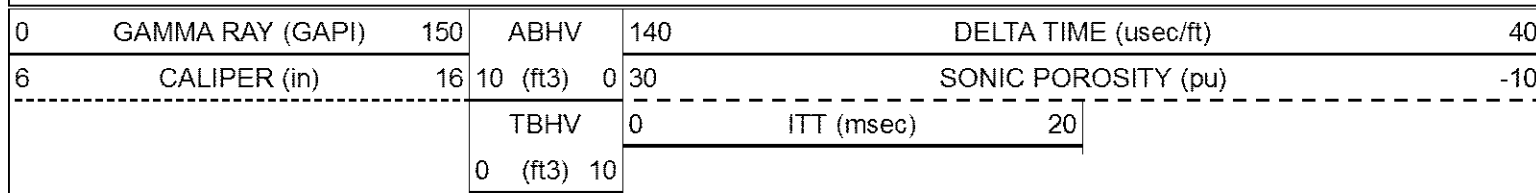


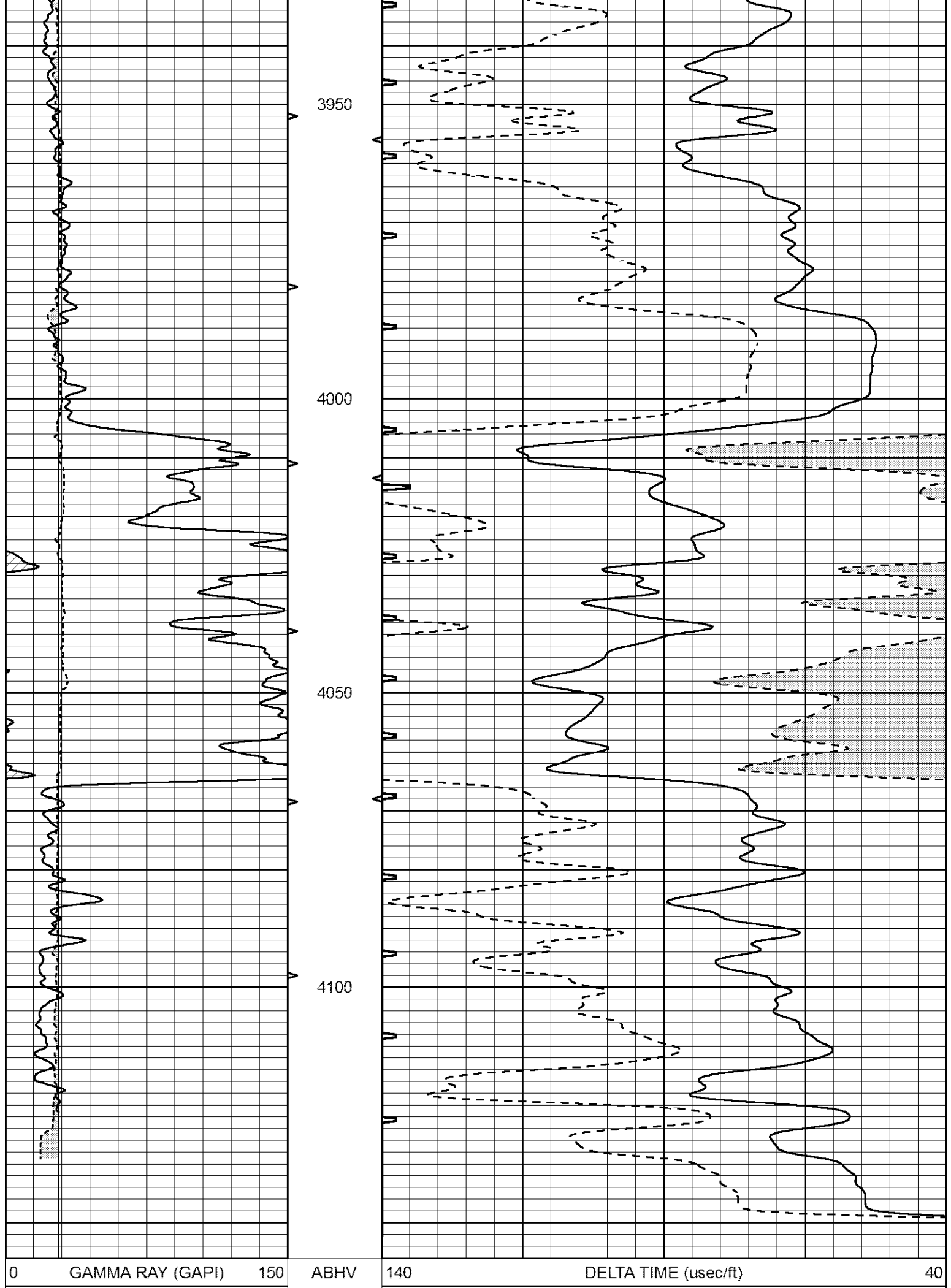




REPEAT SECTION

Database File 3640pe8.db
 Dataset Pathname pass6.1
 Presentation Format _slt
 Dataset Creation Sat May 25 16:07:46 2019
 Charted by Depth in Feet scaled 1:240





6	CALIPER (in)	16	10 (ft3)	0	30	SONIC POROSITY (pu)	-10
			TBHV		0	ITT (msec)	20
			0 (ft3)	10			