



SONIC LOG

Company	SHELBY RESOURCES, LLC.		
Well	PAWNEE CATTLE COMPANY #1-9		
Field	ZOOK		
County	PAWNEE		
State	KANSAS		
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Well	PAWNEE CATTLE COMPANY #1-9		
Field	ZOOK		
County	PAWNEE		
State	KANSAS		
Location:	APL # : 15-145-21839-0000 1285' FNL & 1830' FEL SW - SE - NW - NE		Other Services CDL/CNL DIL/MEL
Permanent Datum	GROUND LEVEL		Elevation
Log Measured From	KELLY BUSHING 11' A.G.L.		2016
Drilling Measured From	KELLY BUSHING		K.B. 2027 D.F. 2025 G.L. 2016
Date	10/2/18		
Run Number	TWO		
Depth Driller	3975		
Depth Logger	3975		
Bottom Logged Interval	3967		
Top Log Interval	1000		
Casing Driller	8 5/8" @ 1028'		
Casing Logger	1030		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD		CHLORIDES 5,900 PPM
Density / Viscosity	9.1/68		
pH / Fluid Loss	11.5/8.4		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.650 @ 90F		
Rmf @ Meas. Temp	.488 @ 90F		
Rmc @ Meas. Temp	.780 @ 116F		
Source of Rmf / Rmc	MEASUREMENT		
Rim @ BHT	.448 @ 116F		
Time Circulation Stopped	3.5 HOURS		
Time Logger on Bottom	1:00 P.M.		
Maximum Recorded Temperature	116F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	JEREMY SCHWARTZ		

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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 HAYS, KANSAS (785) 628-6395
DIRECTIONS
LARNED, KS., & K-19, 1E. TO "100TH AVE.", 1/2S., W. INTO ACROSS FROM FEEDLOT

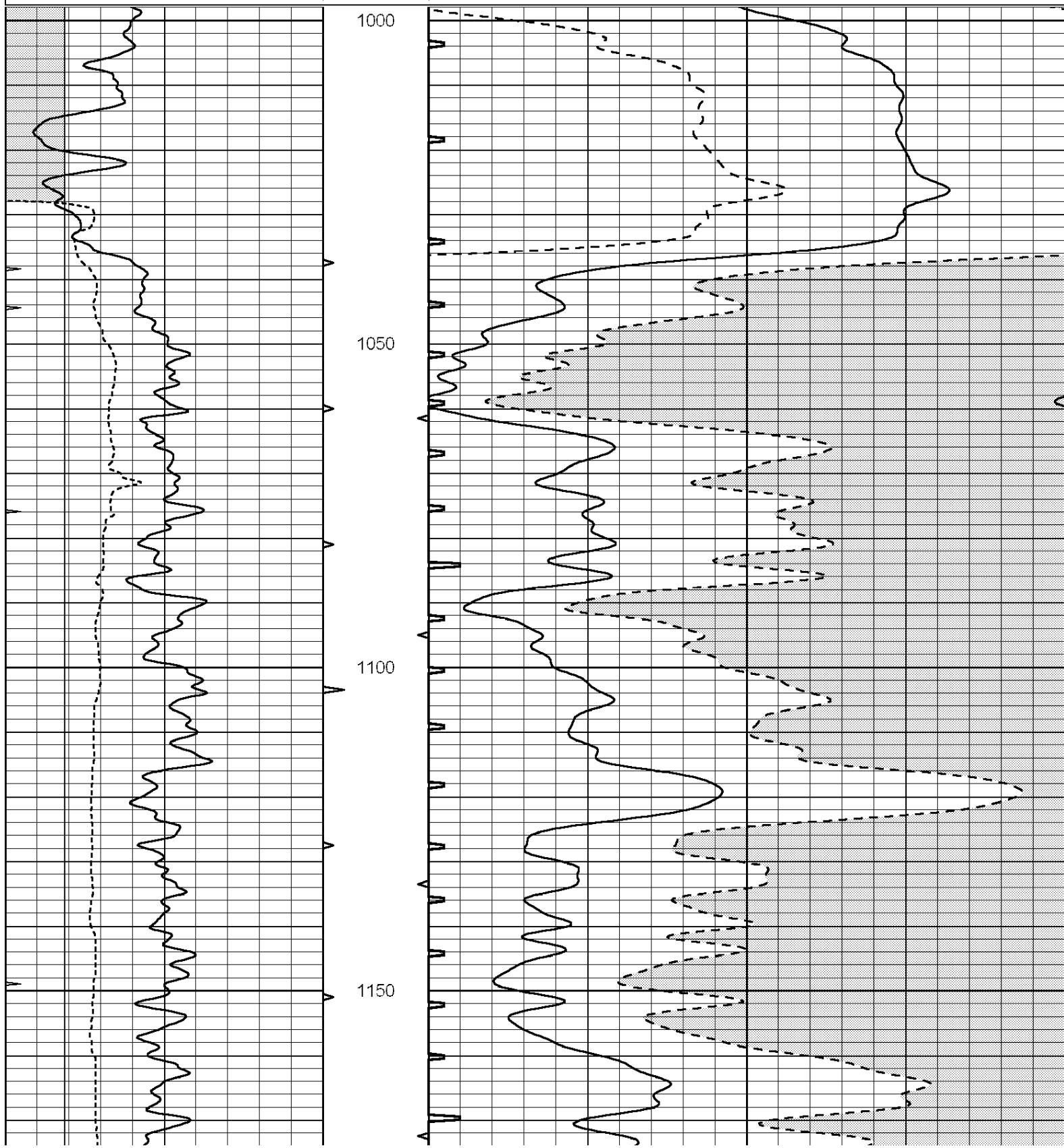


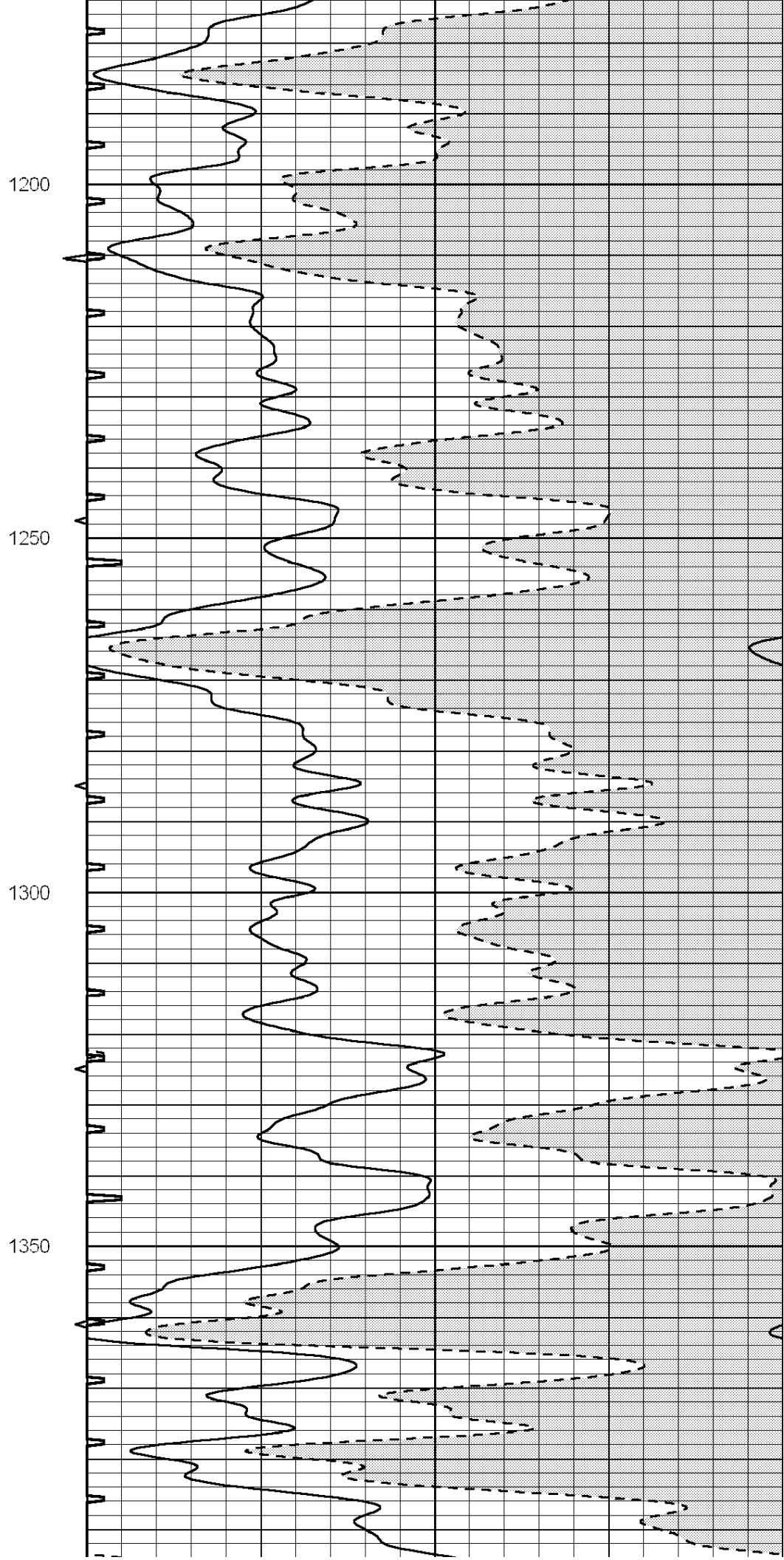
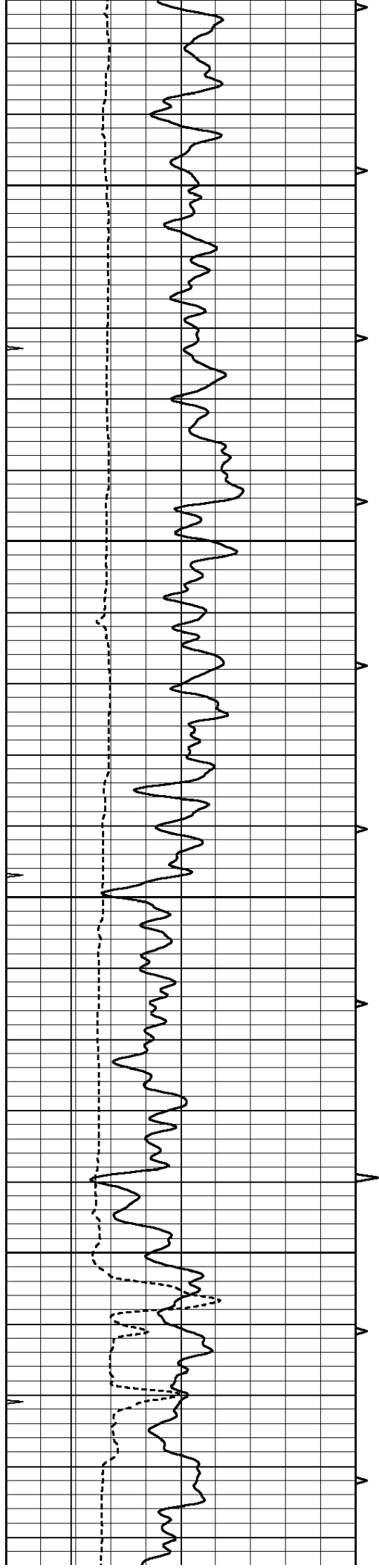
MAIN SECTION

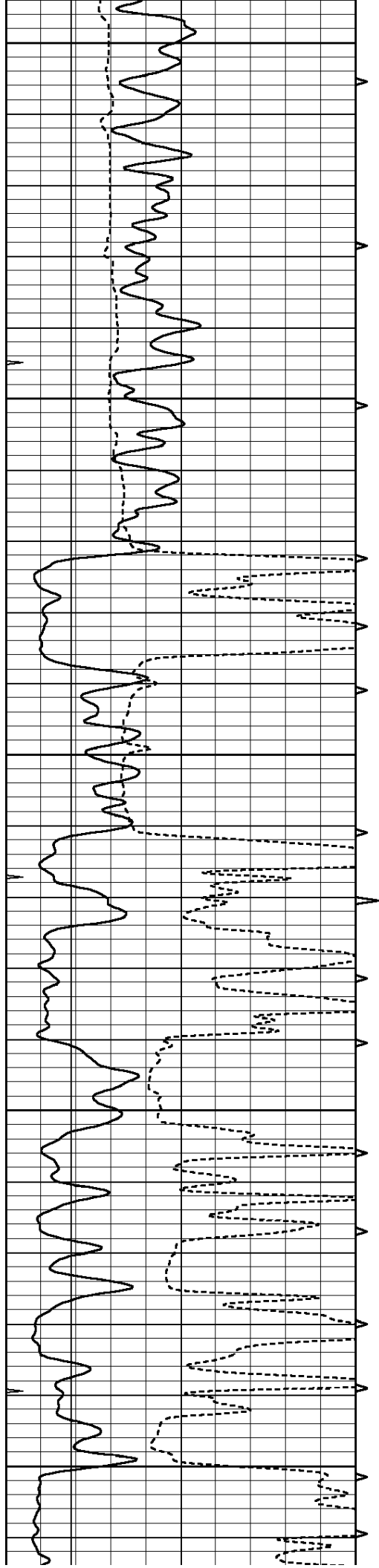
Database File: 2940ddn.db
Dataset Pathname: pass7.3
Presentation Format: slt
Dataset Creation: Tue Oct 02 14:14:31 2018 by Calc SOC 120430
Charted by: Depth in Feet scaled 1:240

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				







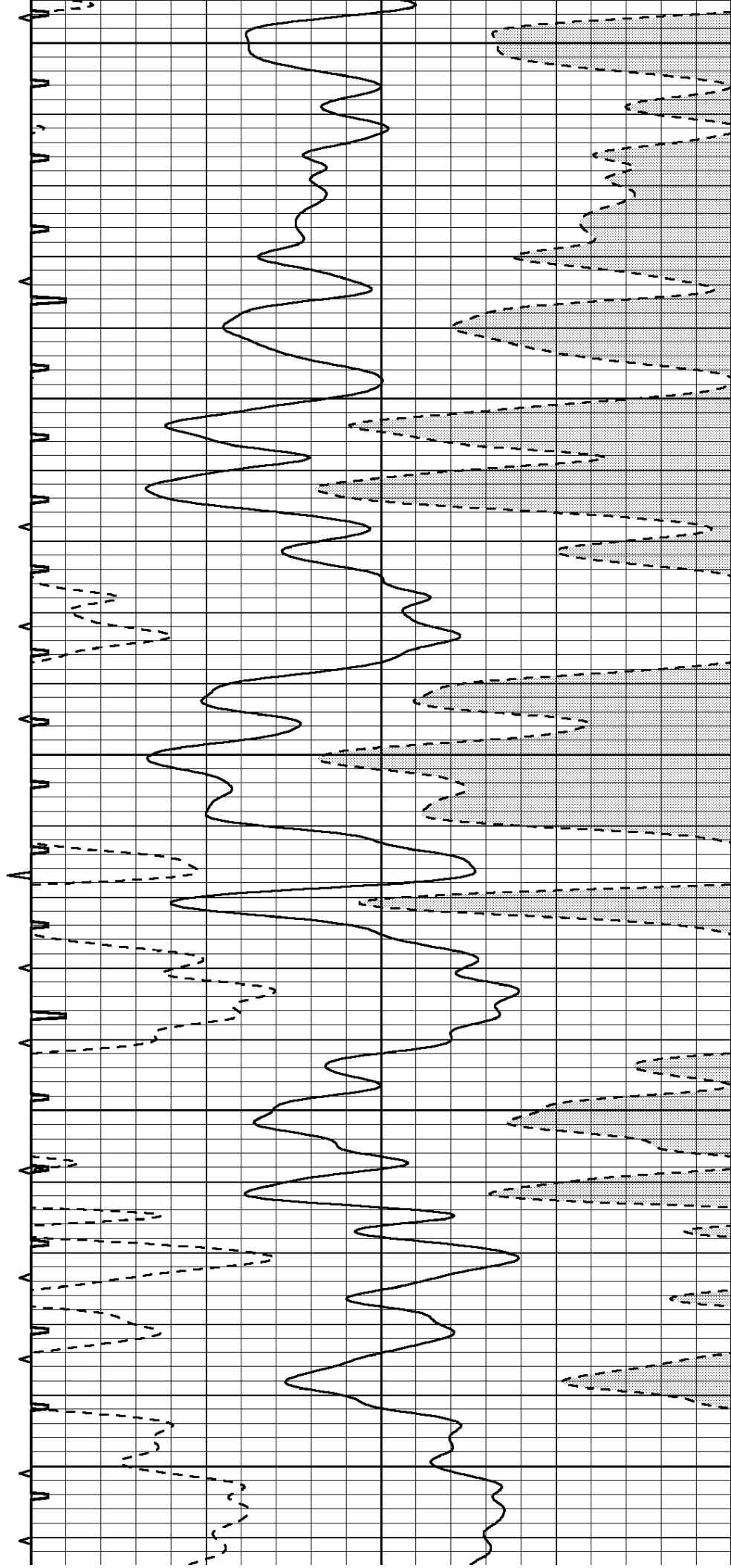
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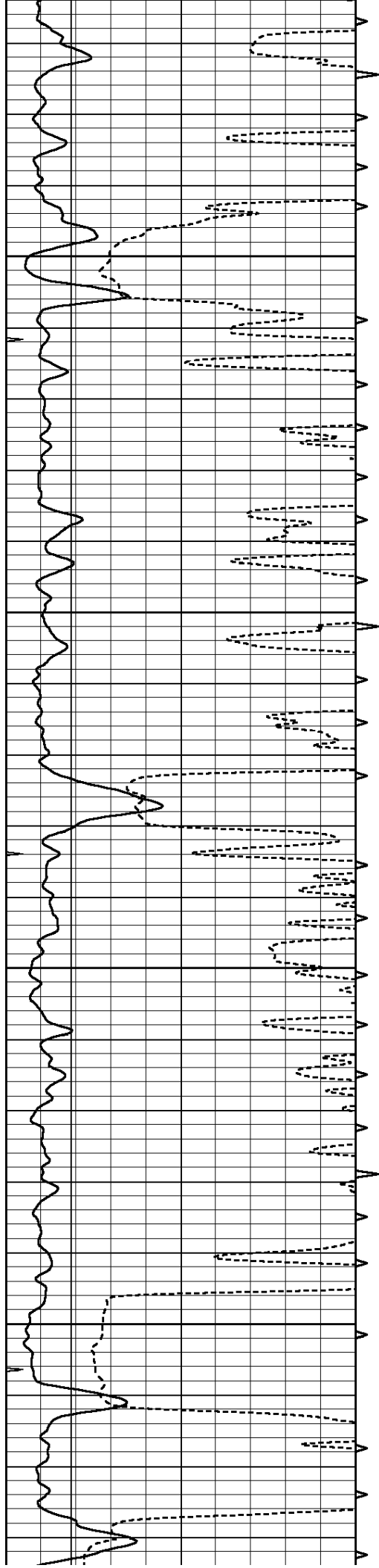
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1500

1550

1600



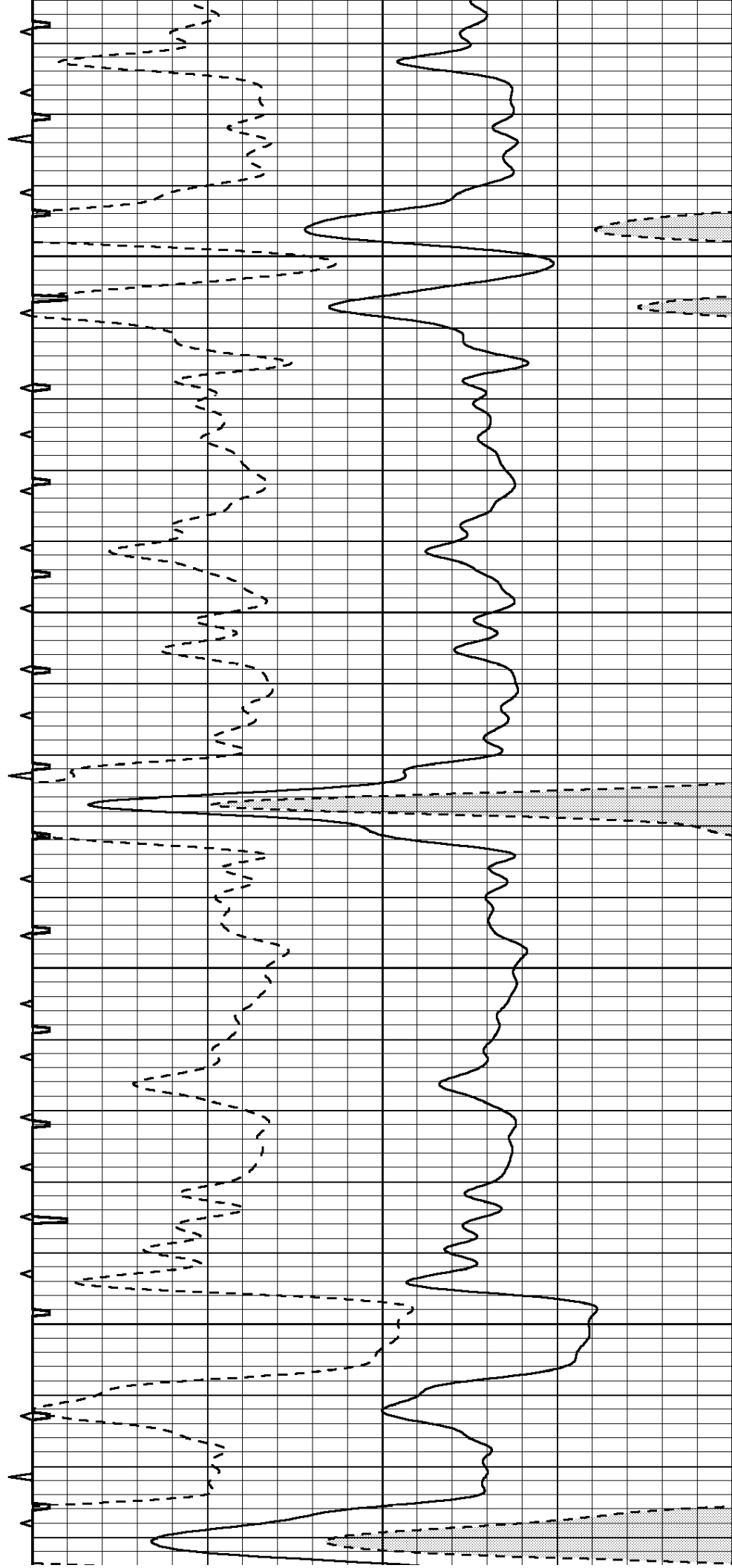


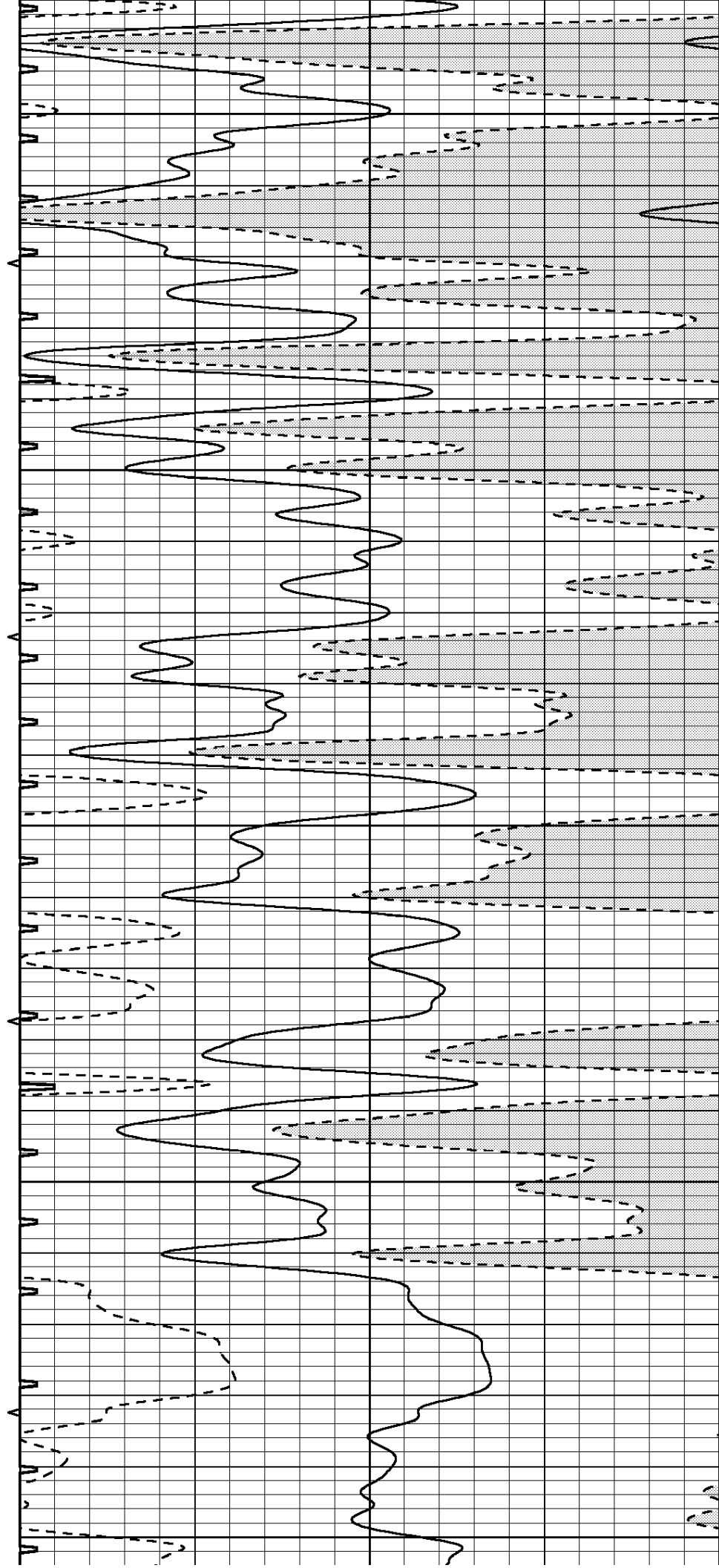
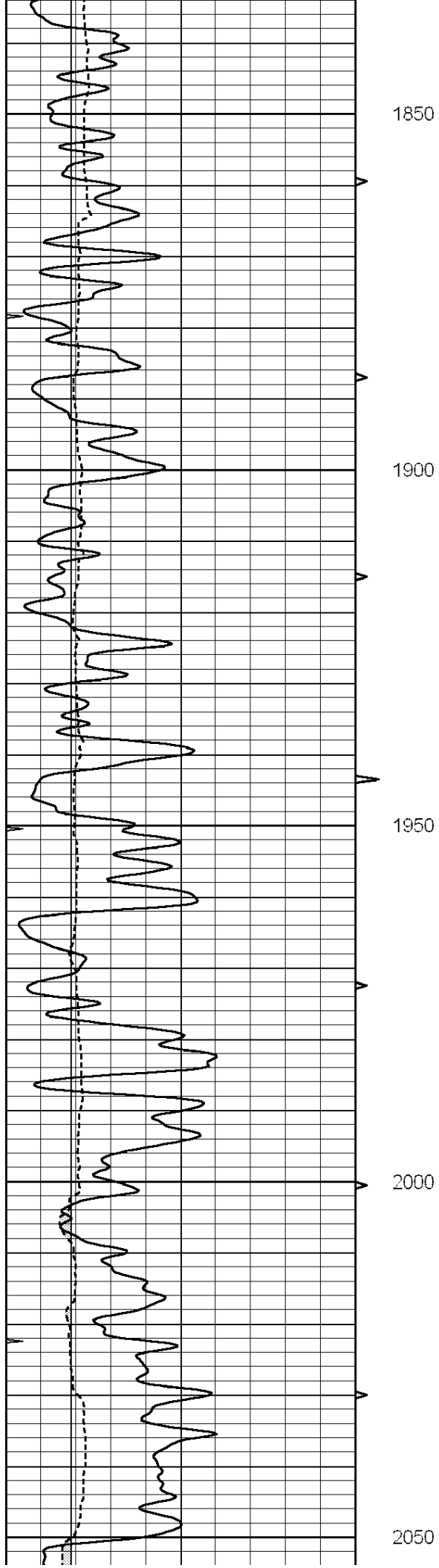
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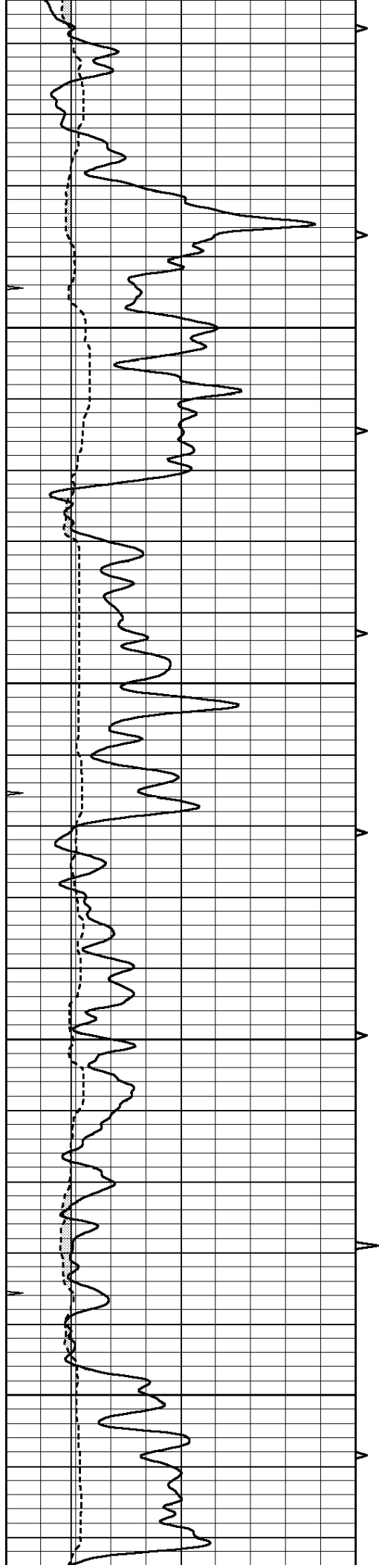
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1750

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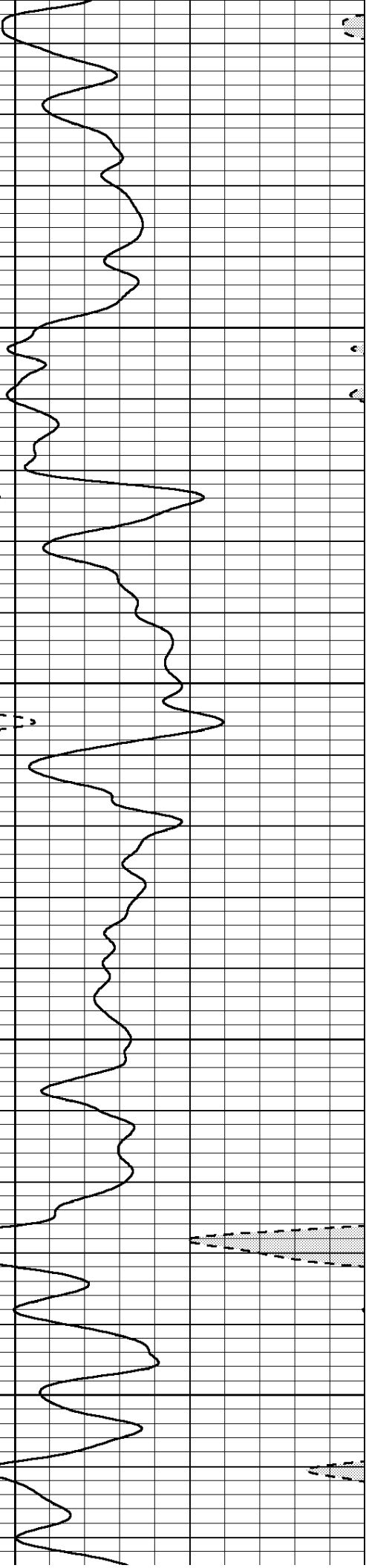
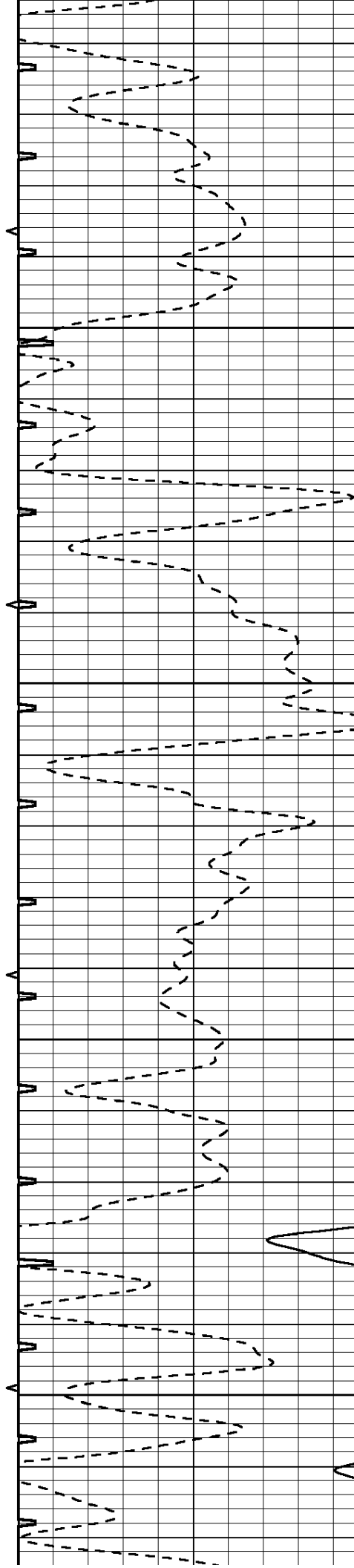


2100

2150

2200

2250



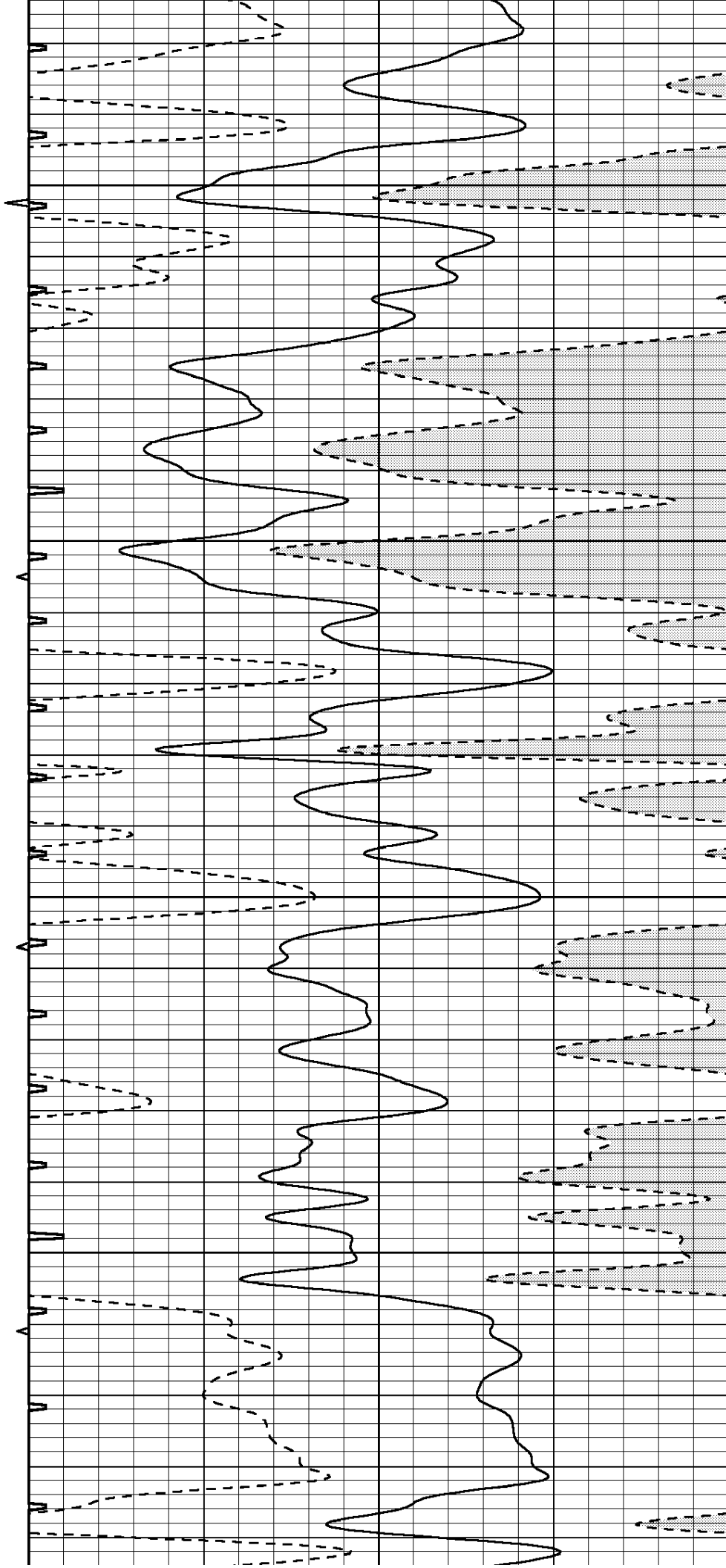


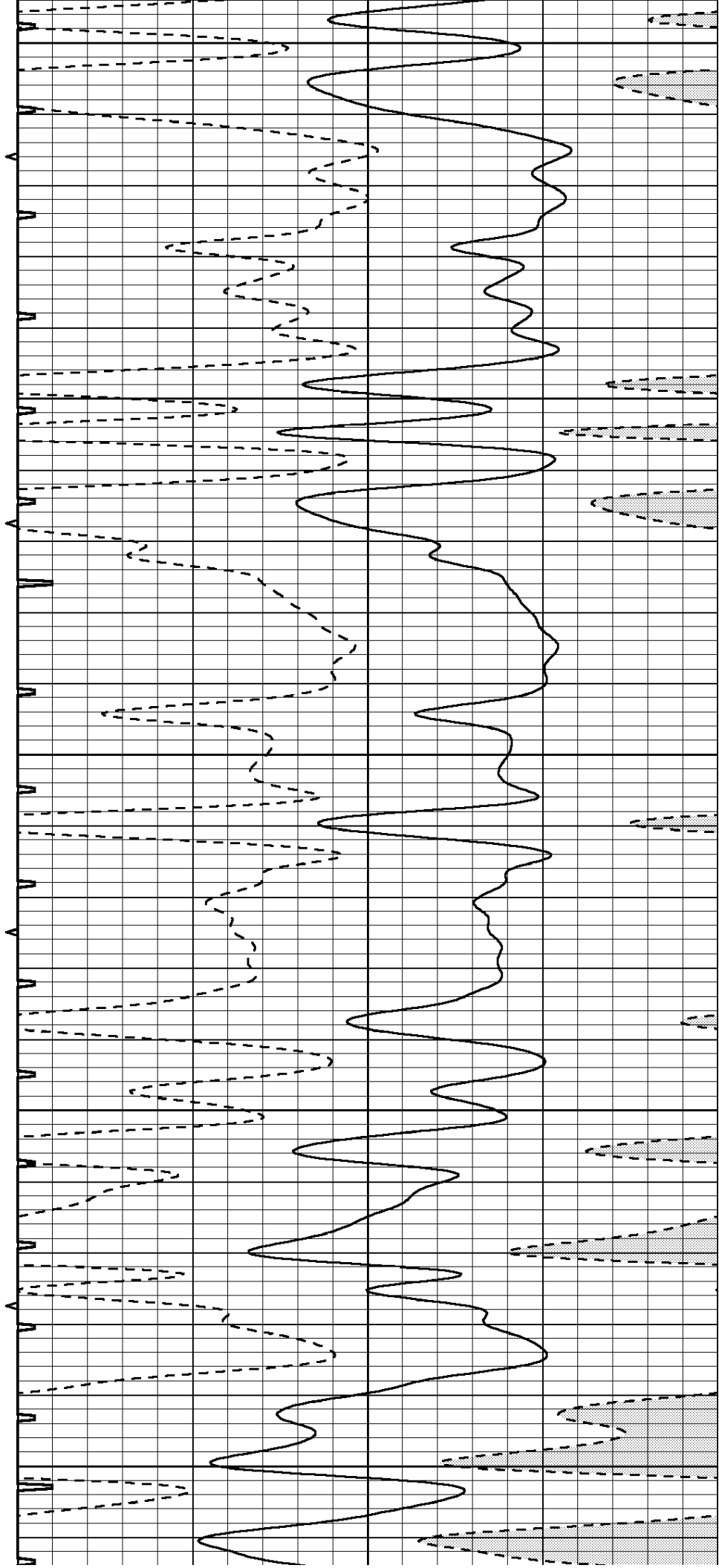
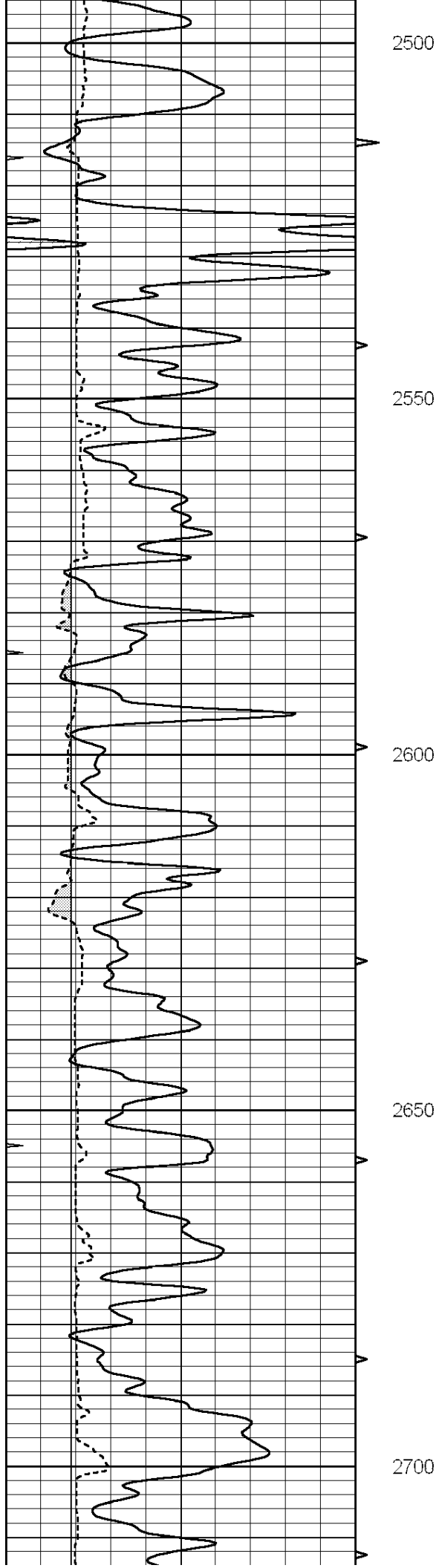
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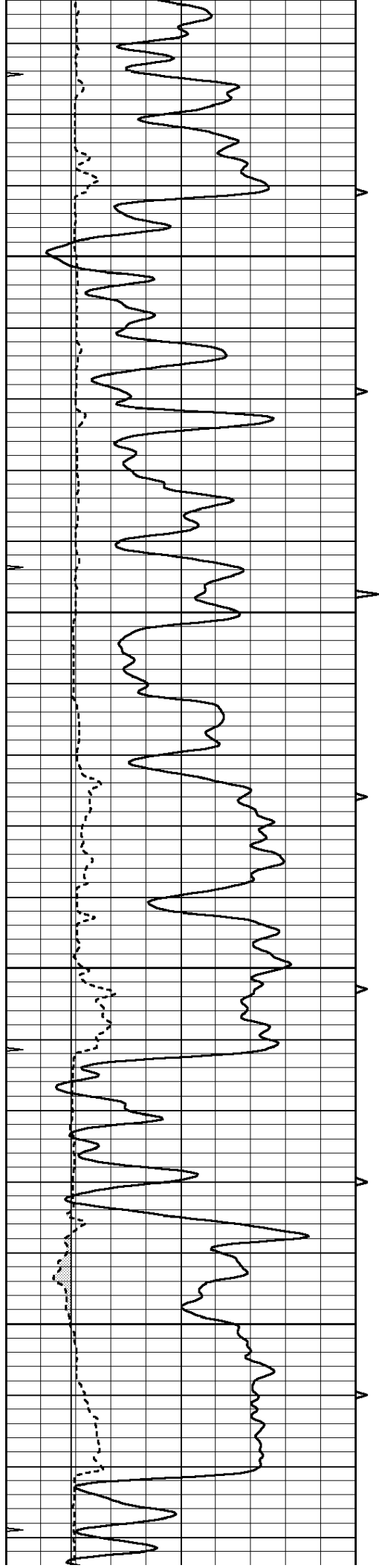
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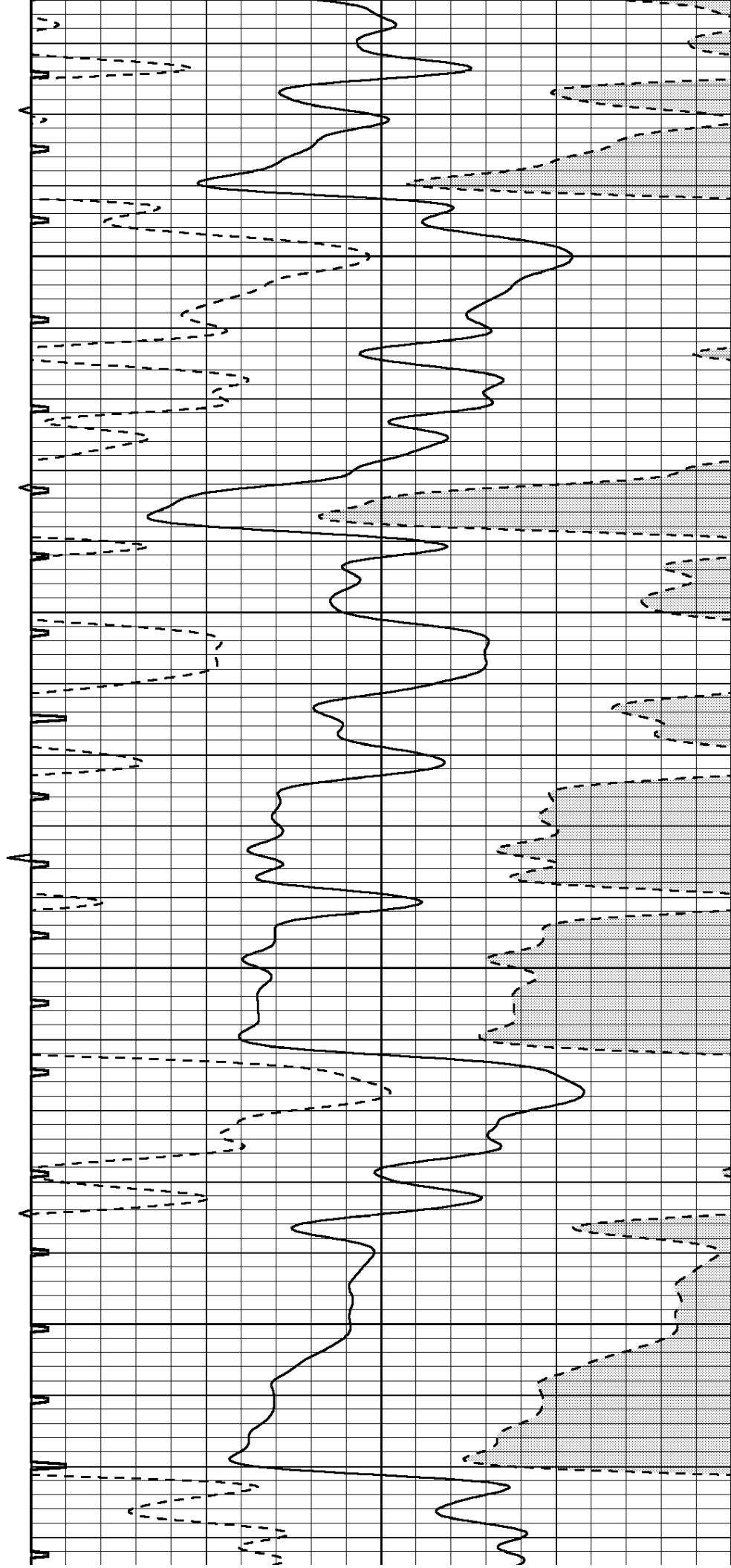


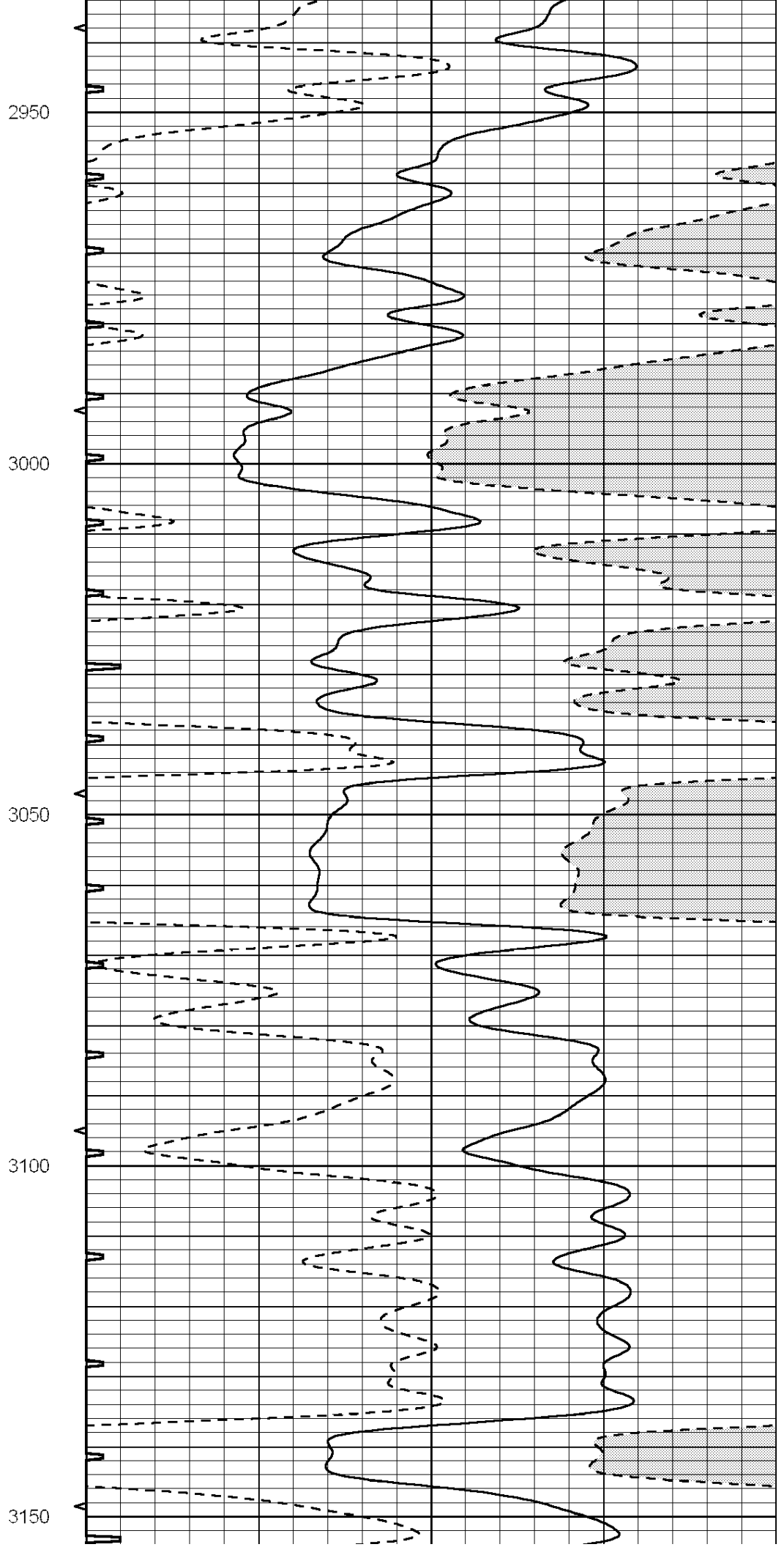
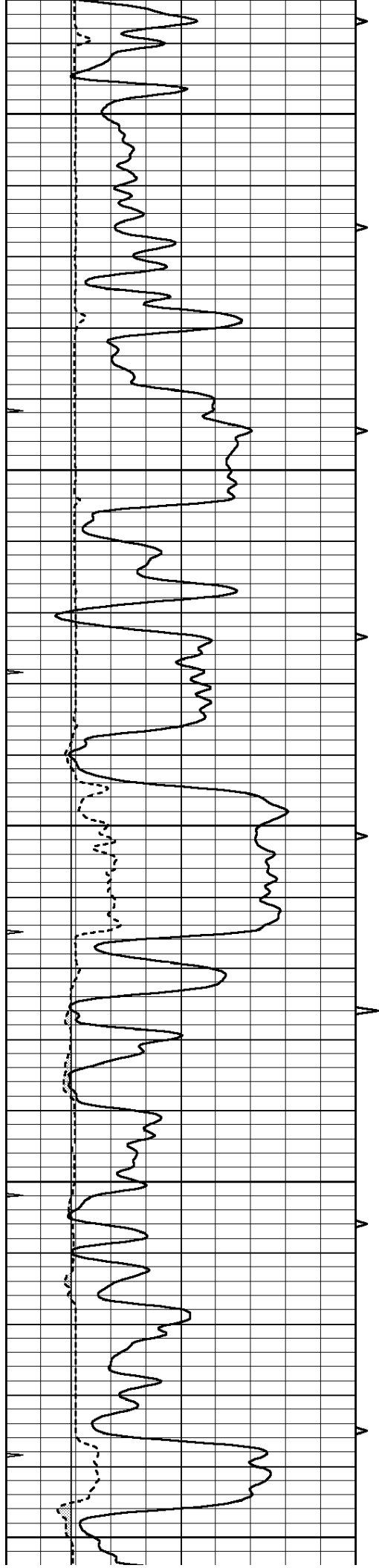
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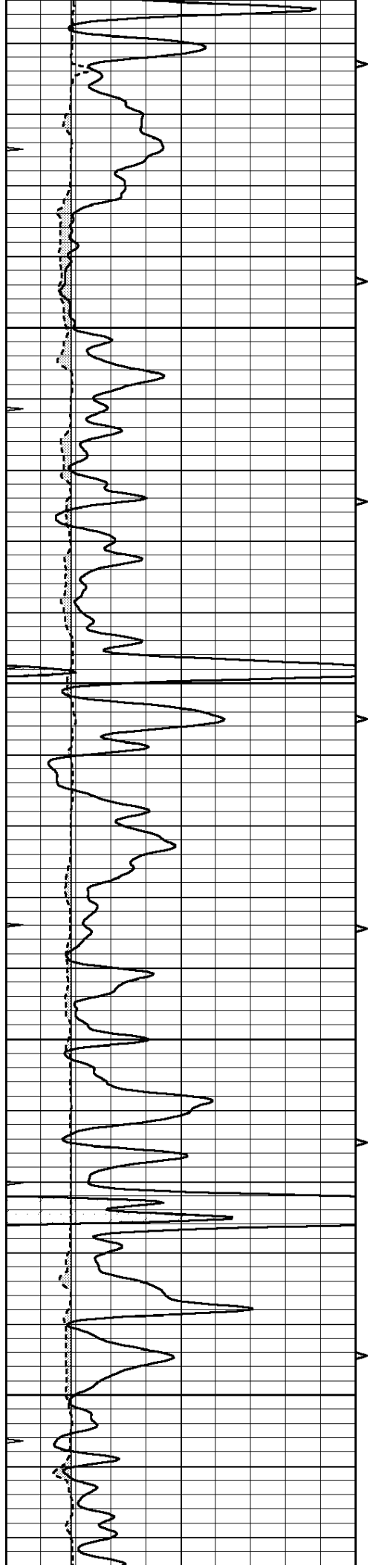
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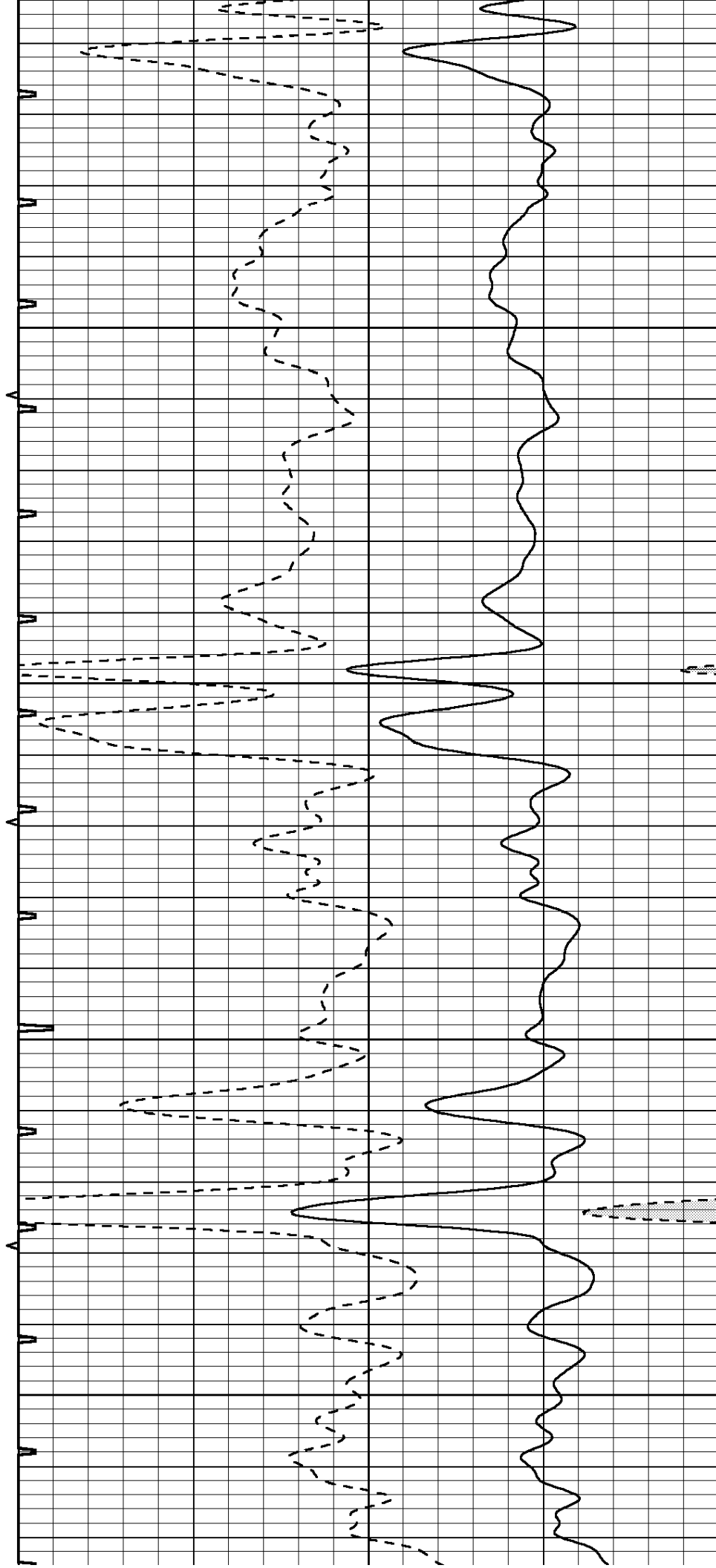


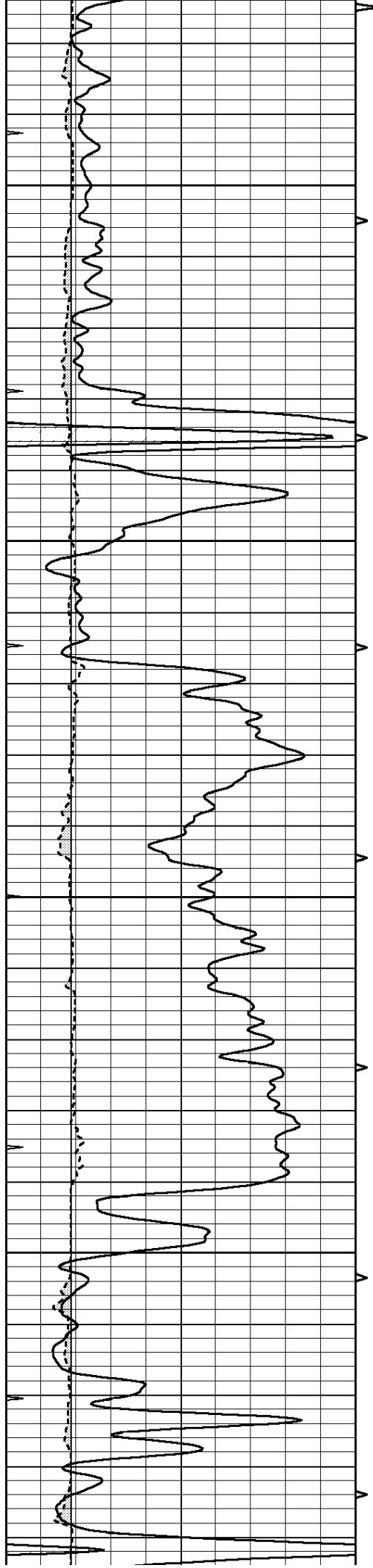
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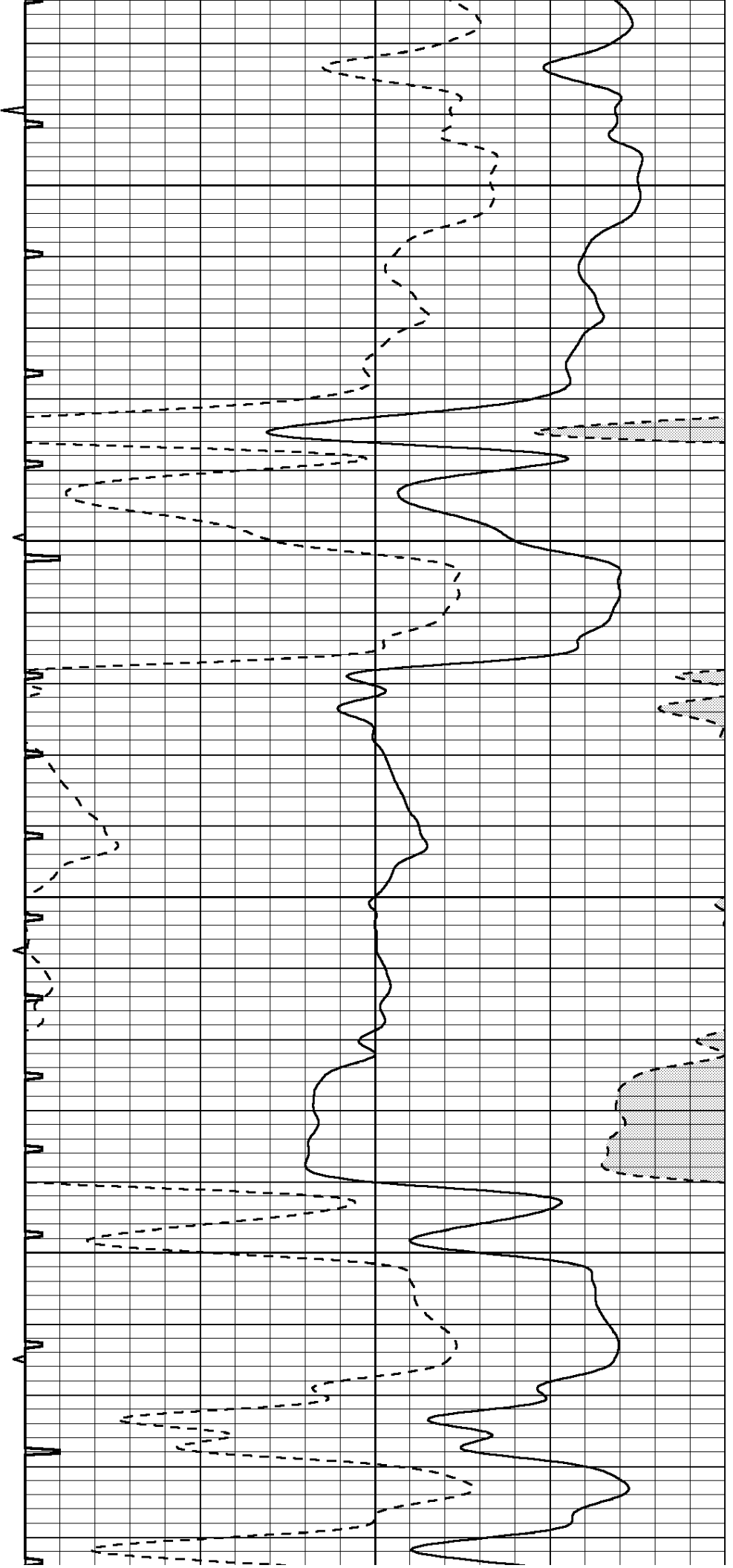


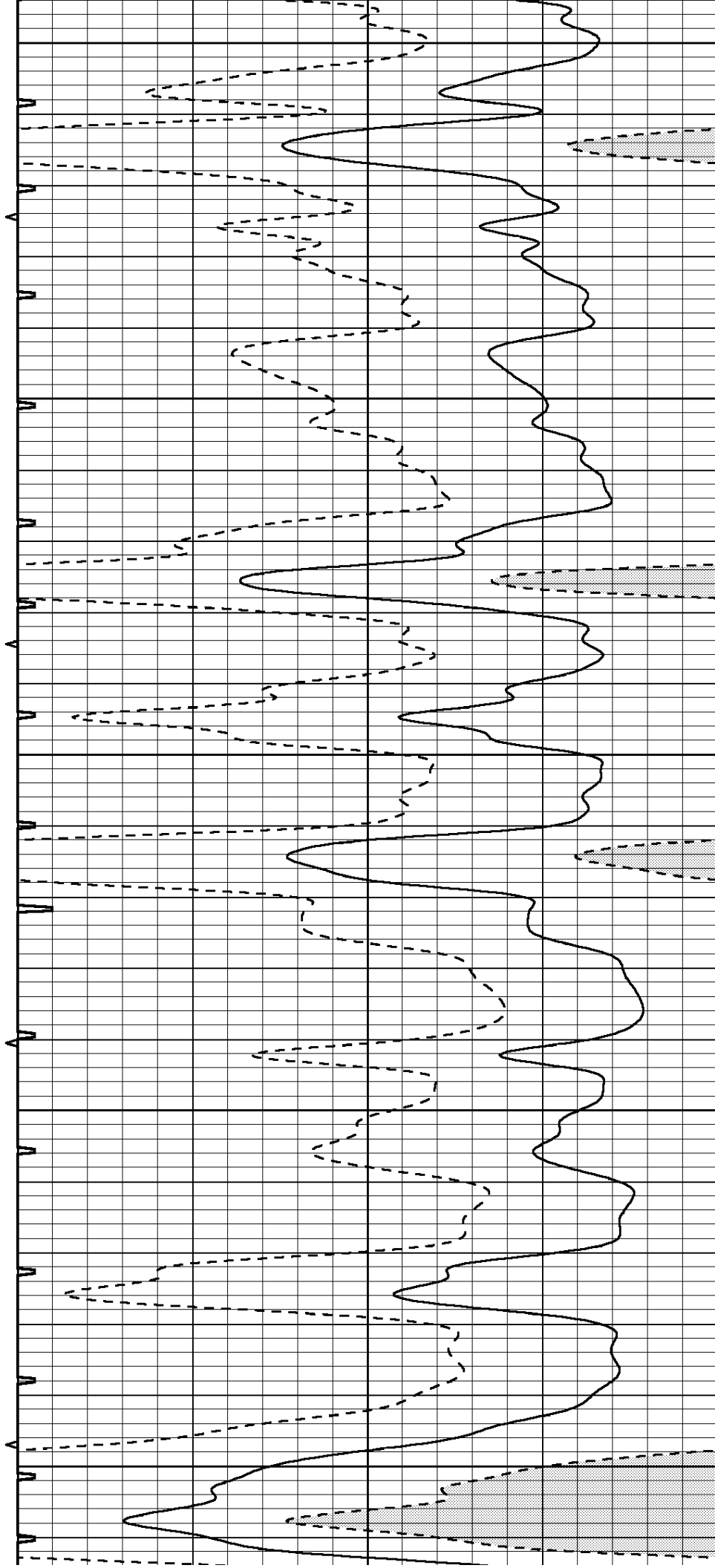
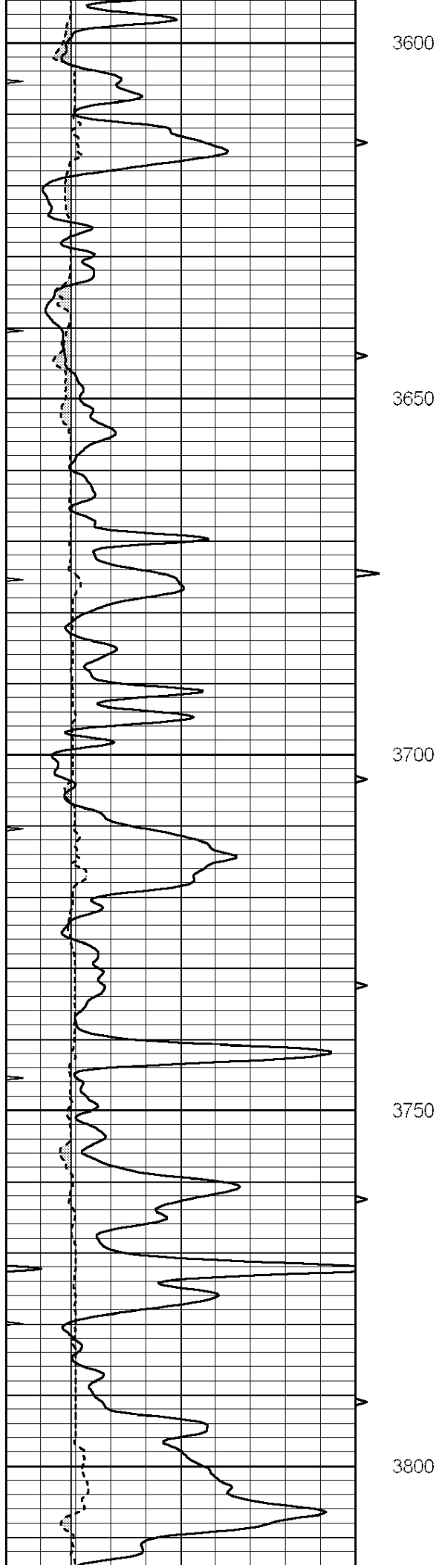
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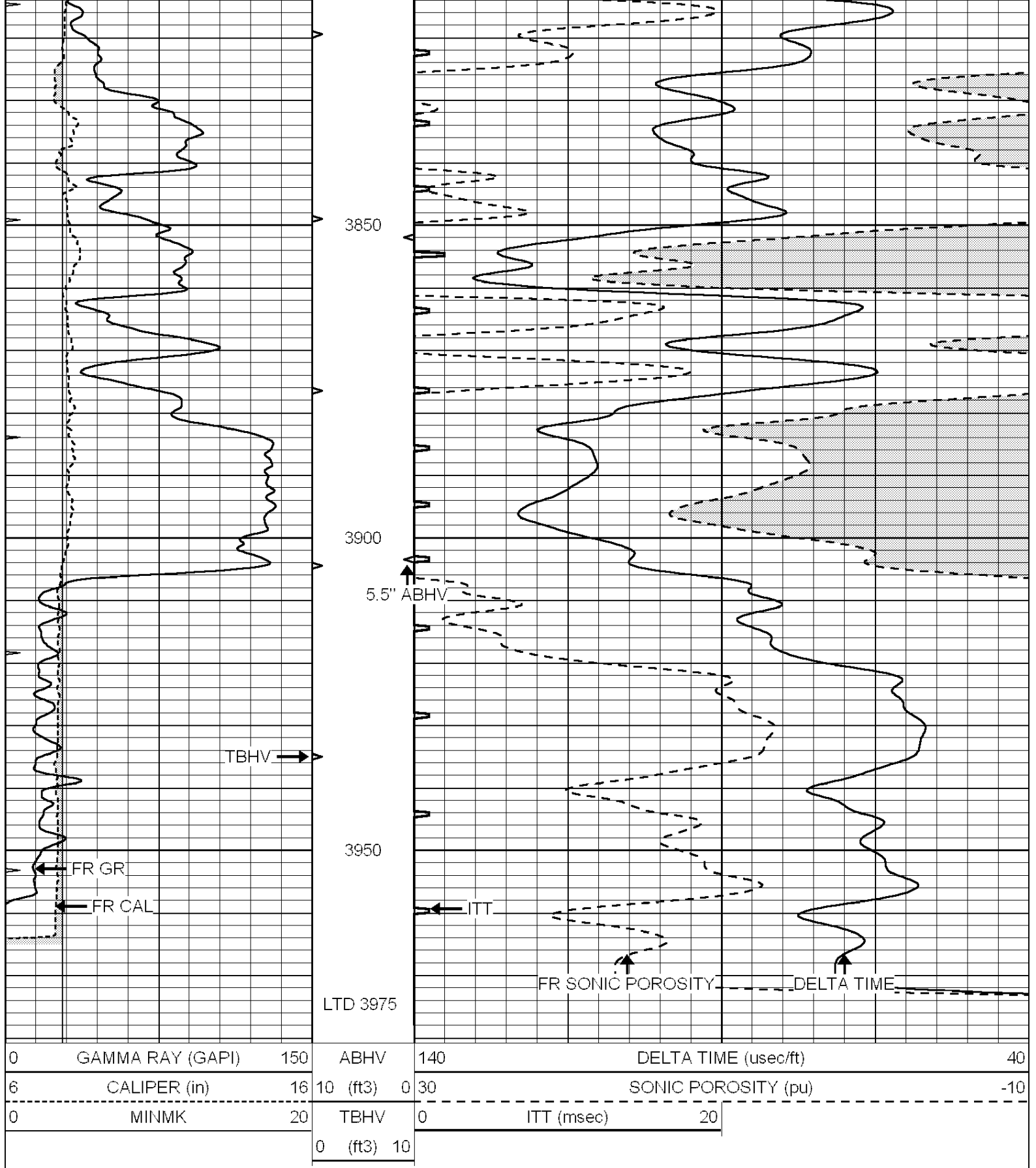
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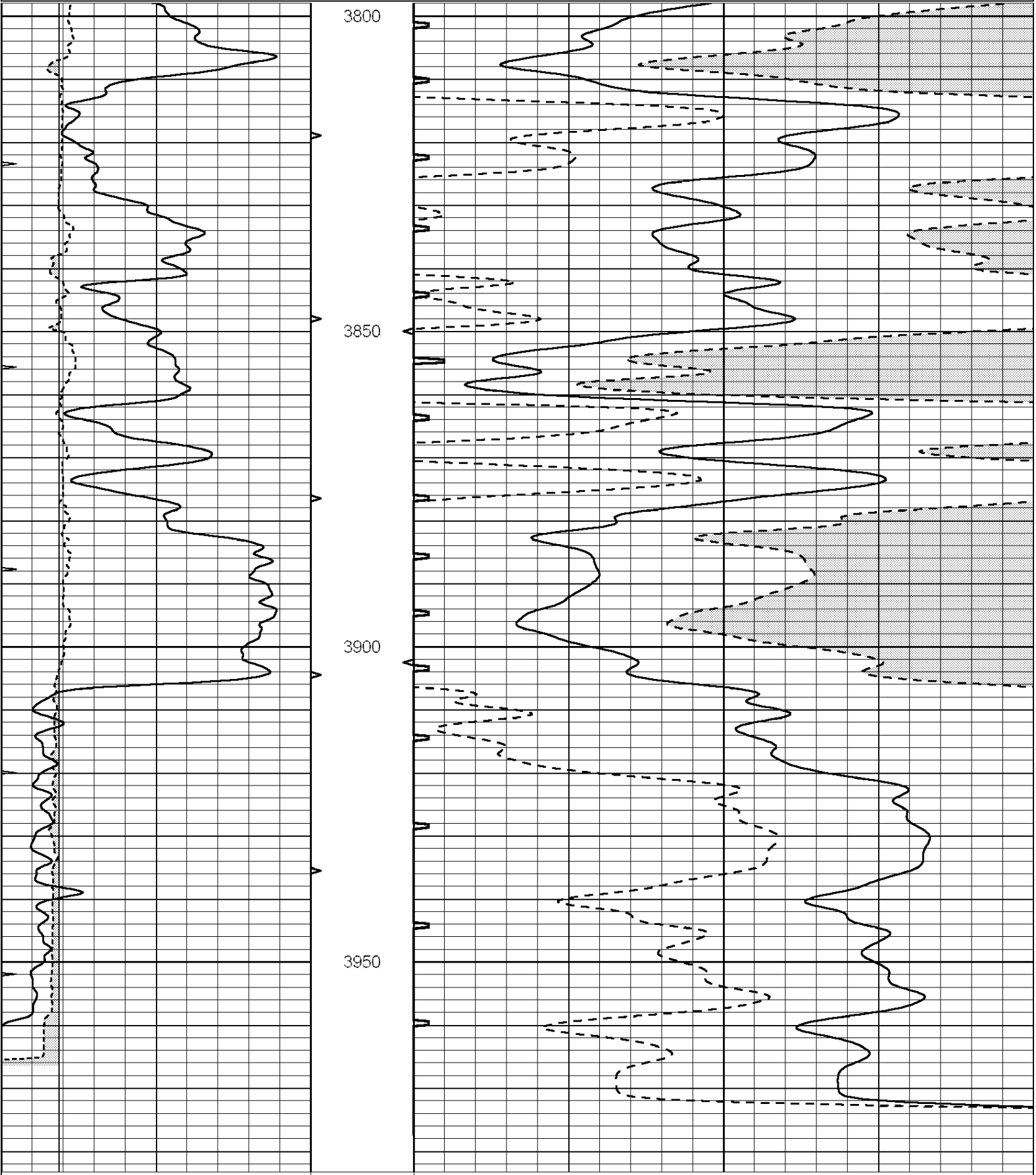






REPEAT SECTION

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