



**COMPLETION
& PRODUCTION
SERVICES CO.**

**SONIC
LOG**

Company	PALOMINO PETROLEUM, INC.		
Well	#1 4J TRUST		
Field	WILDCAT		
County	PAWNEE	State	KANSAS
Location:	API # : 15-145-21695		Other Services CDL/CNL DIL/MEL
SEC 11 TWP 20S RGE 19W			
Permanent Datum	GROUND LEVEL	Elevation	2196
Log Measured From	KELLY BUSHING 11' A.G.L.		
Drilling Measured From	KELLY BUSHING		
Date	11-15-12		
Run Number	TWO		
Depth Driller	4330		
Depth Logger	4334		
Bottom Logged Interval	4328		
Top Log Interval	510		
Casing Driller	520		
Casing Logger	519		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.3 / 62		
pH / Fluid Loss	10.0 / 9.2		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.95 @ 64F		
Rmf @ Meas. Temp	0.71 @ 64F		
Rmc @ Meas. Temp	1.14 @ 64F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.520 @ 118F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	6:15 P.M.		
Maximum Recorded Temperature	118F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	NICK GERSTNER		

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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

NABORS COMPLETION & PRODUCTION CO.
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: RUSH CENTER, S TO PAWNEE C.L., 2S TO X RD., 5W TO 280TH, 1/4N, E INTO.

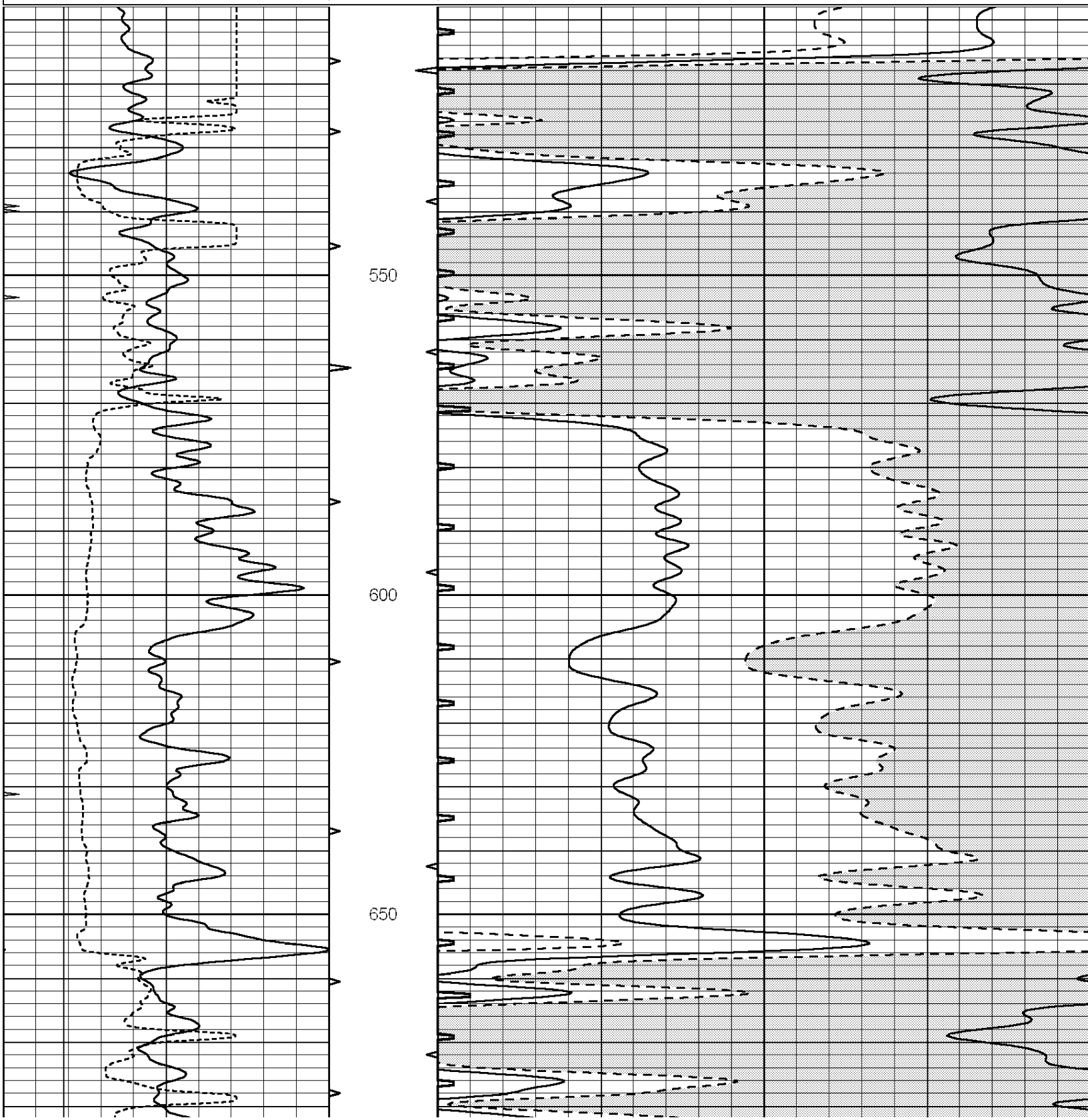


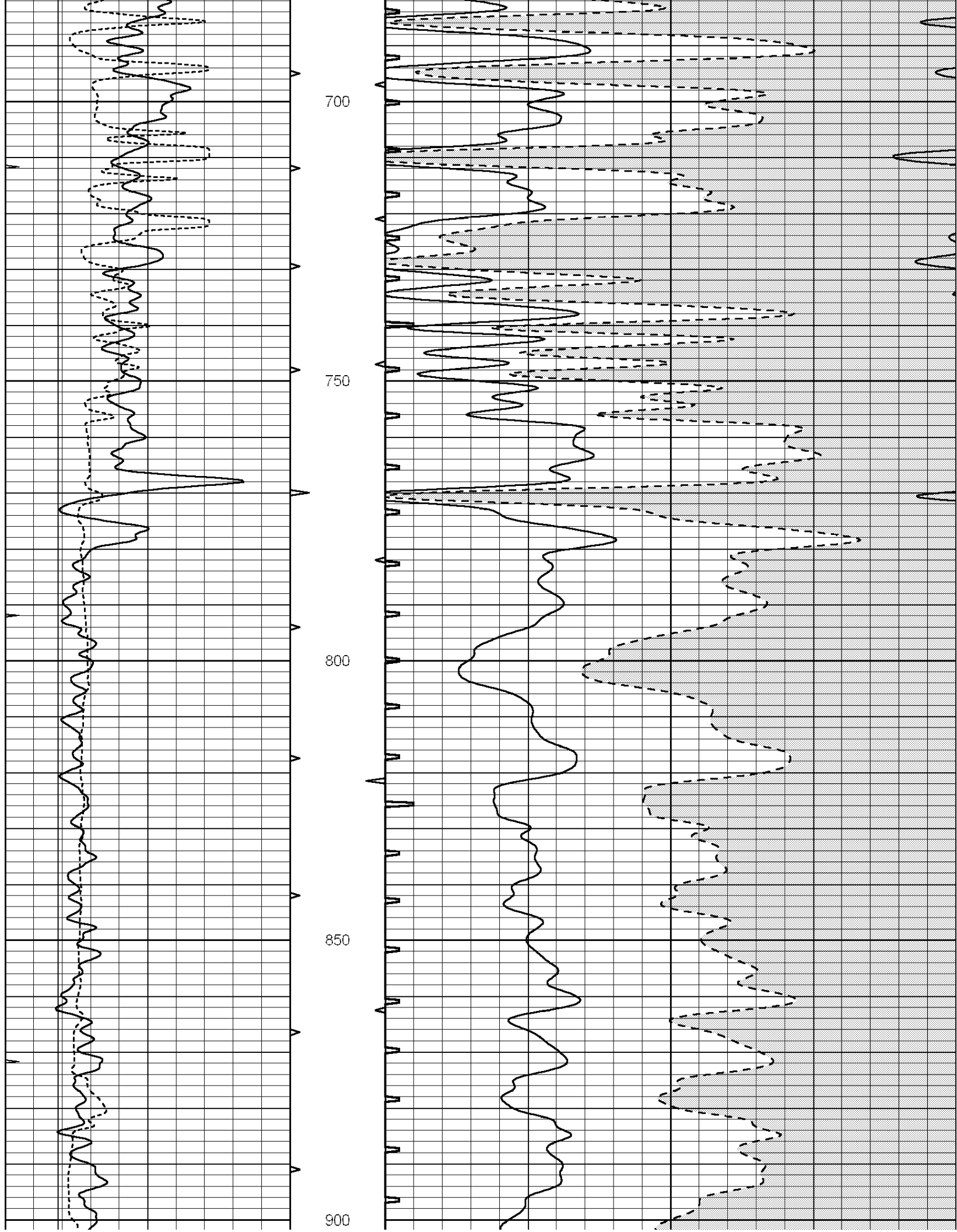
**COMPLETION
& PRODUCTION**

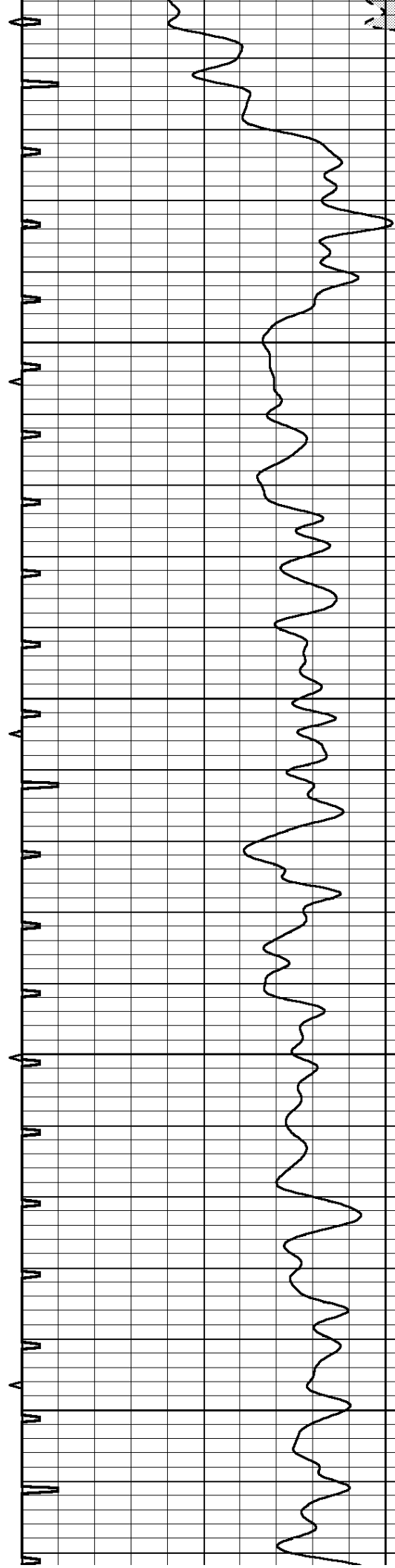
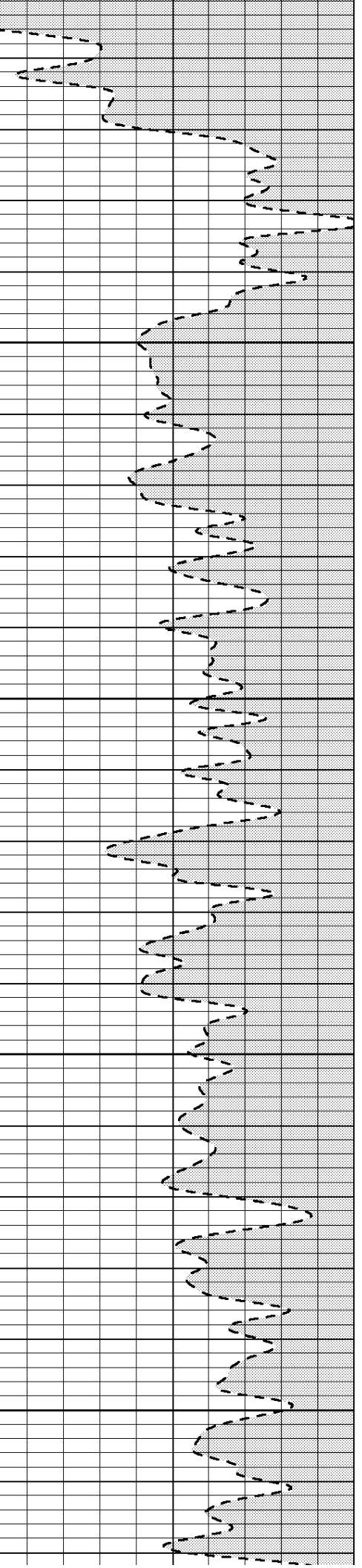
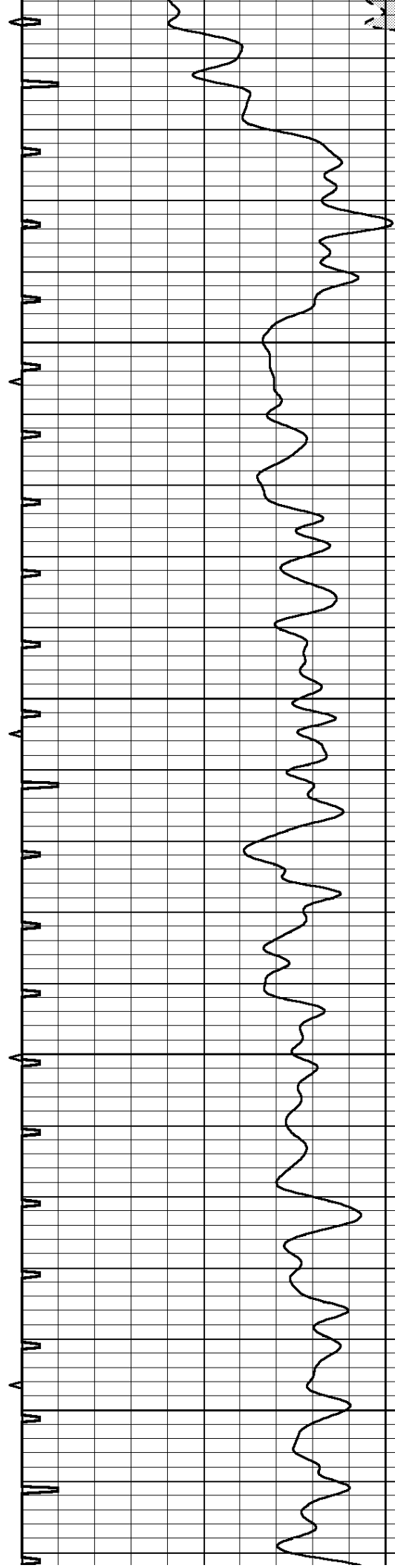
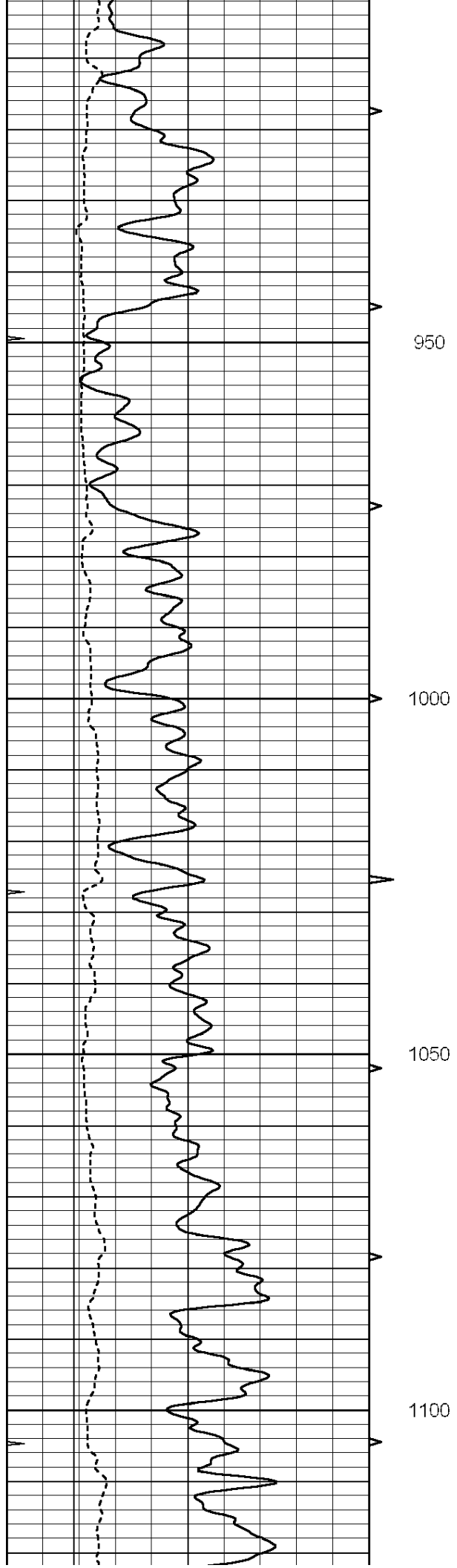
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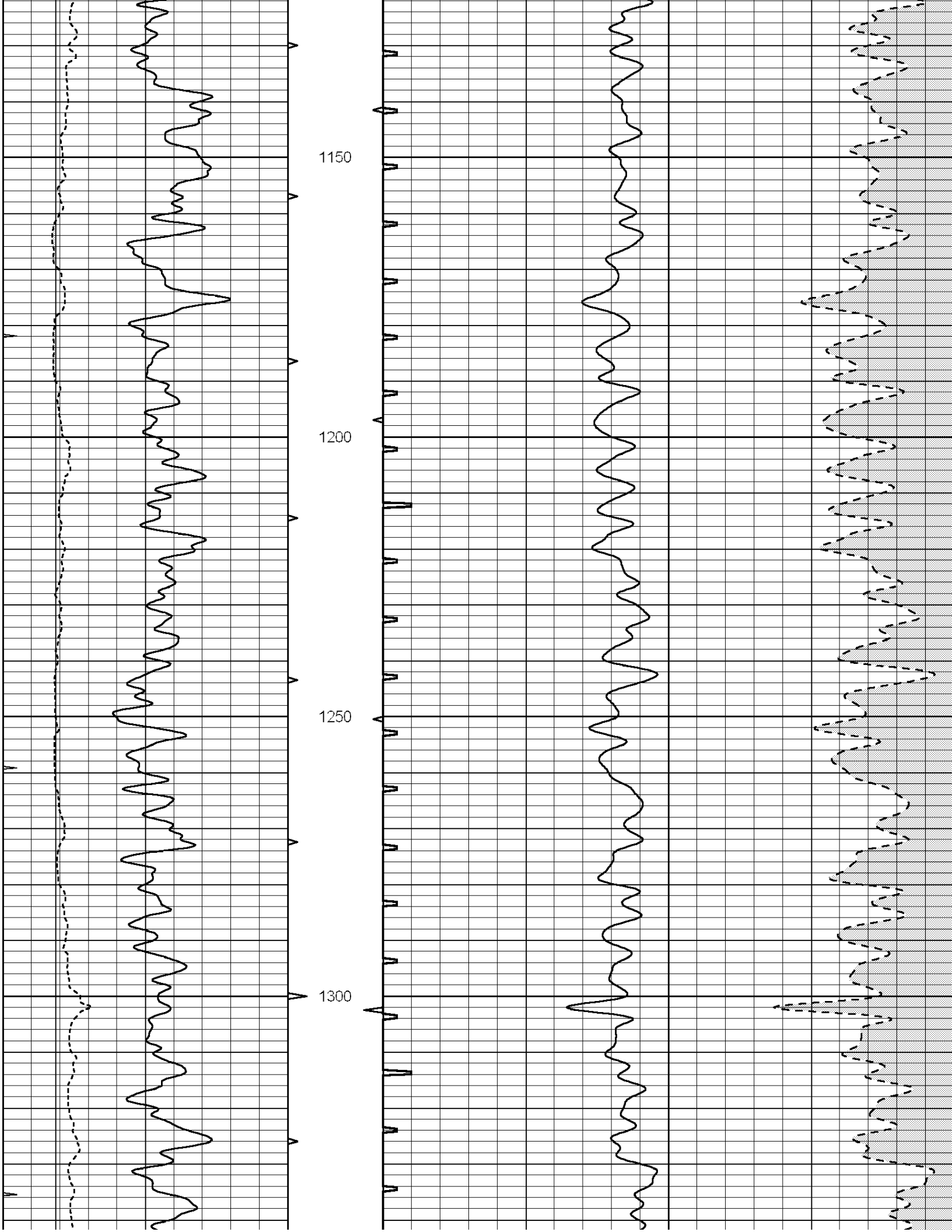
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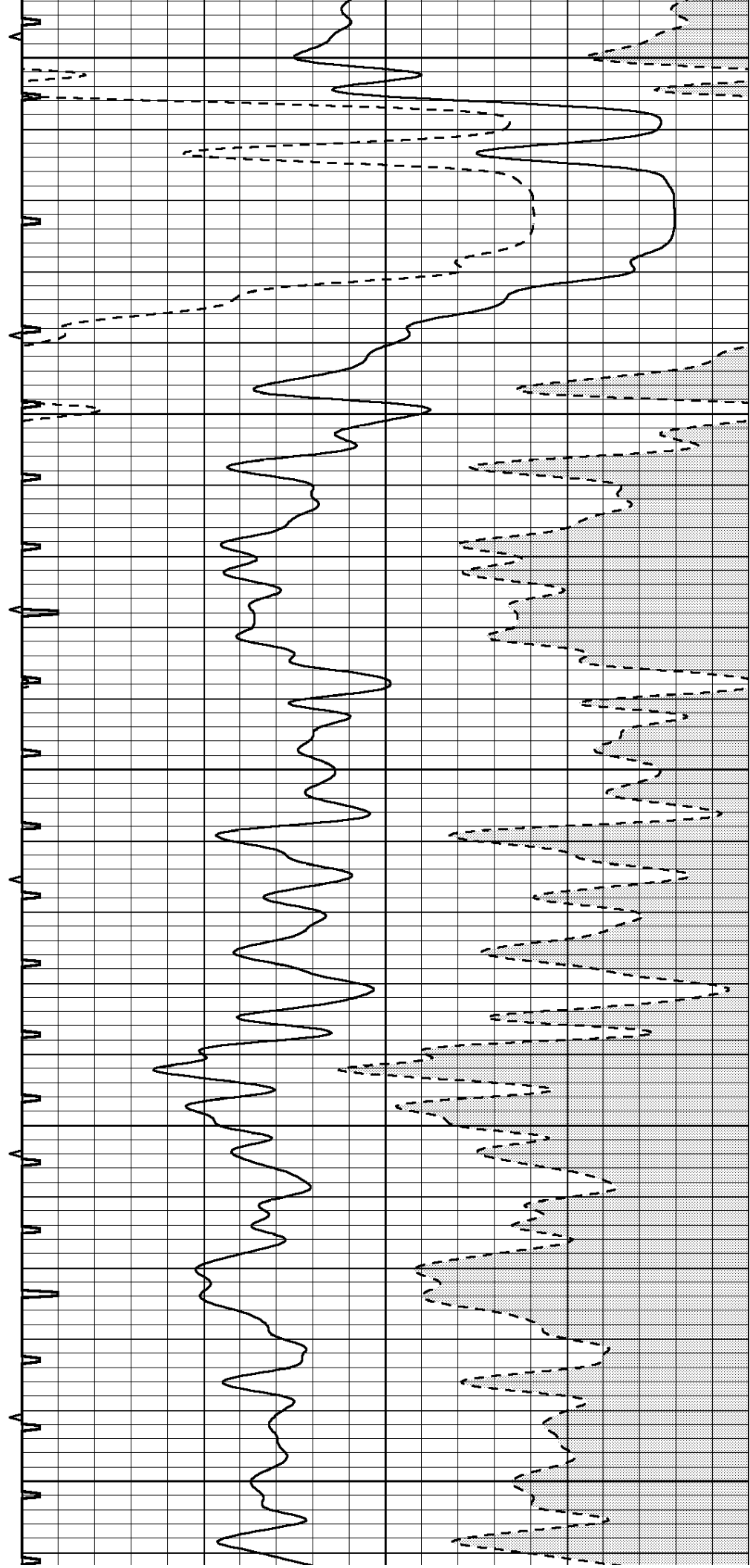
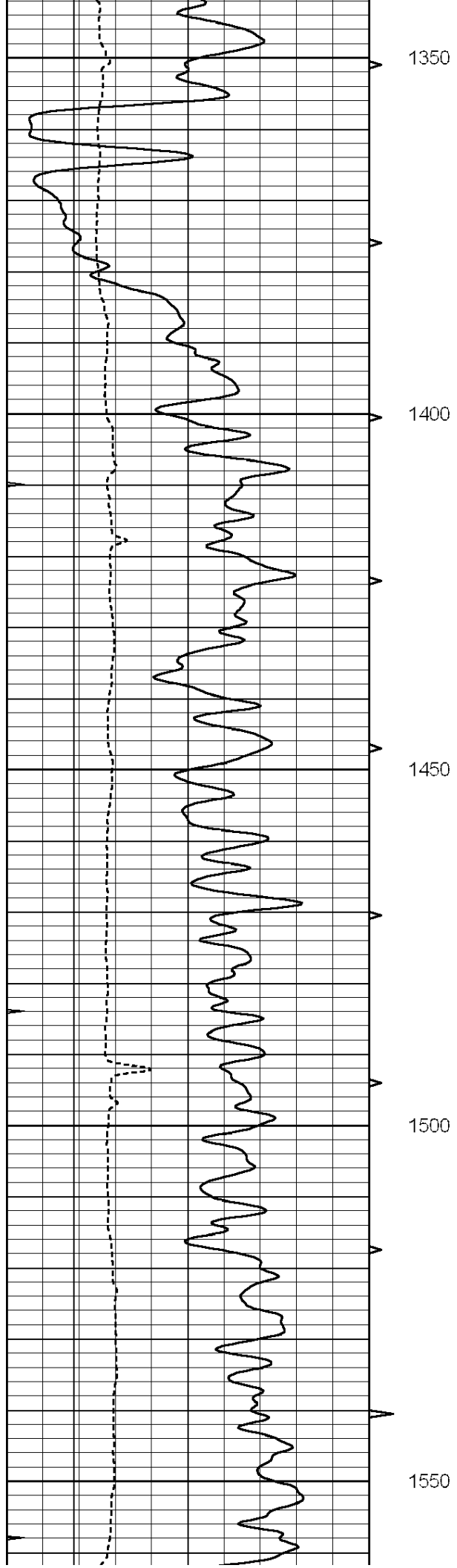
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6	MELCAL (in)	16	10 (ft3)	0 30	SONIC POROSITY (pu)	-10
0	MINMK	20	TBHV	0	ITT (msec)	20
			0 (ft3)	10		

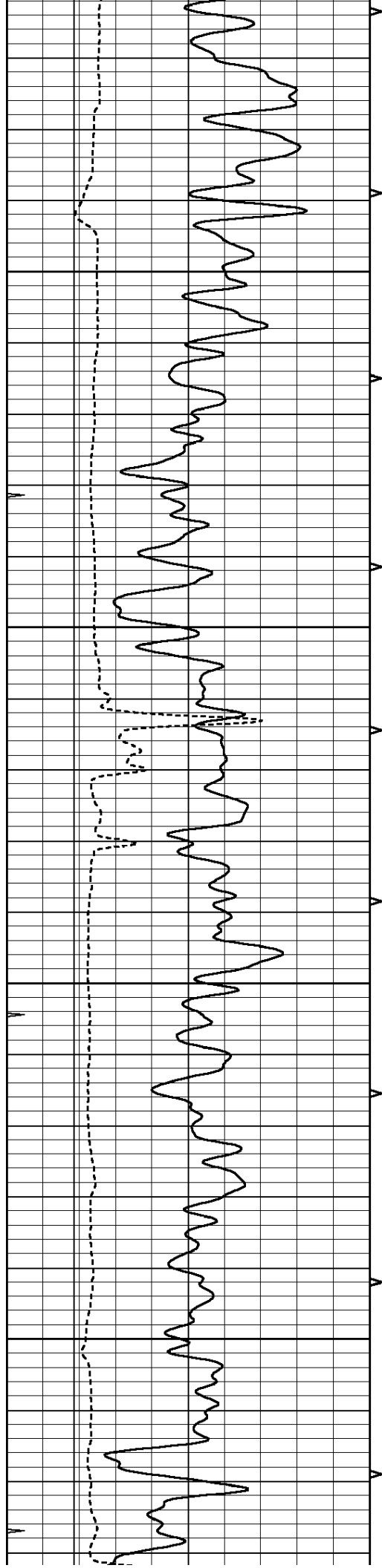










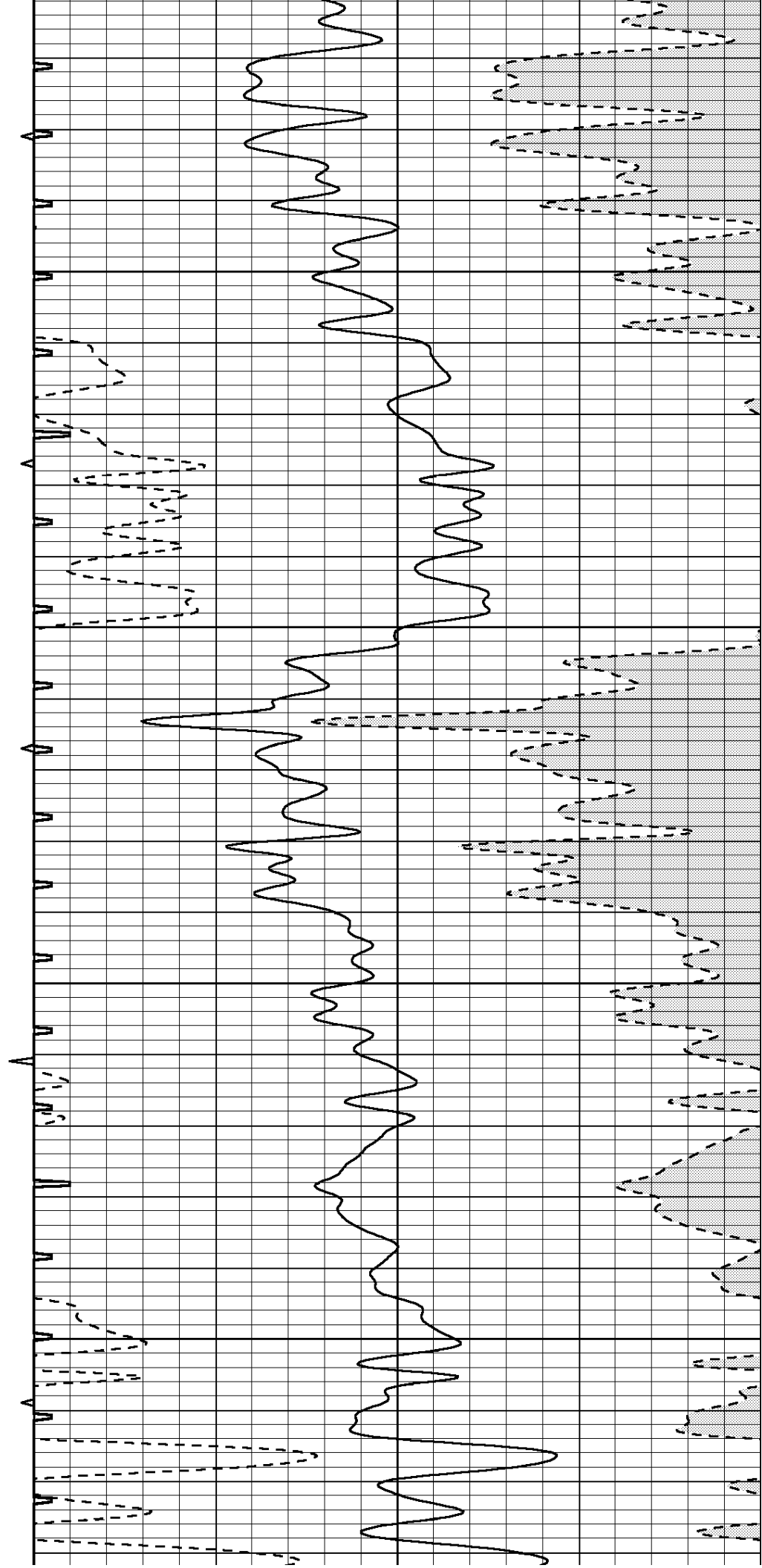


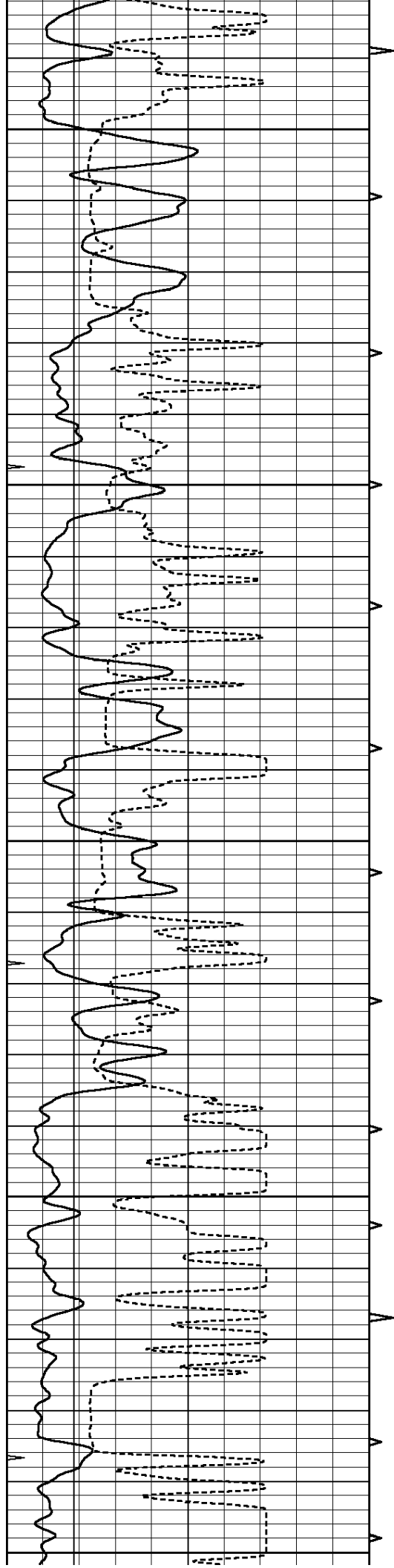
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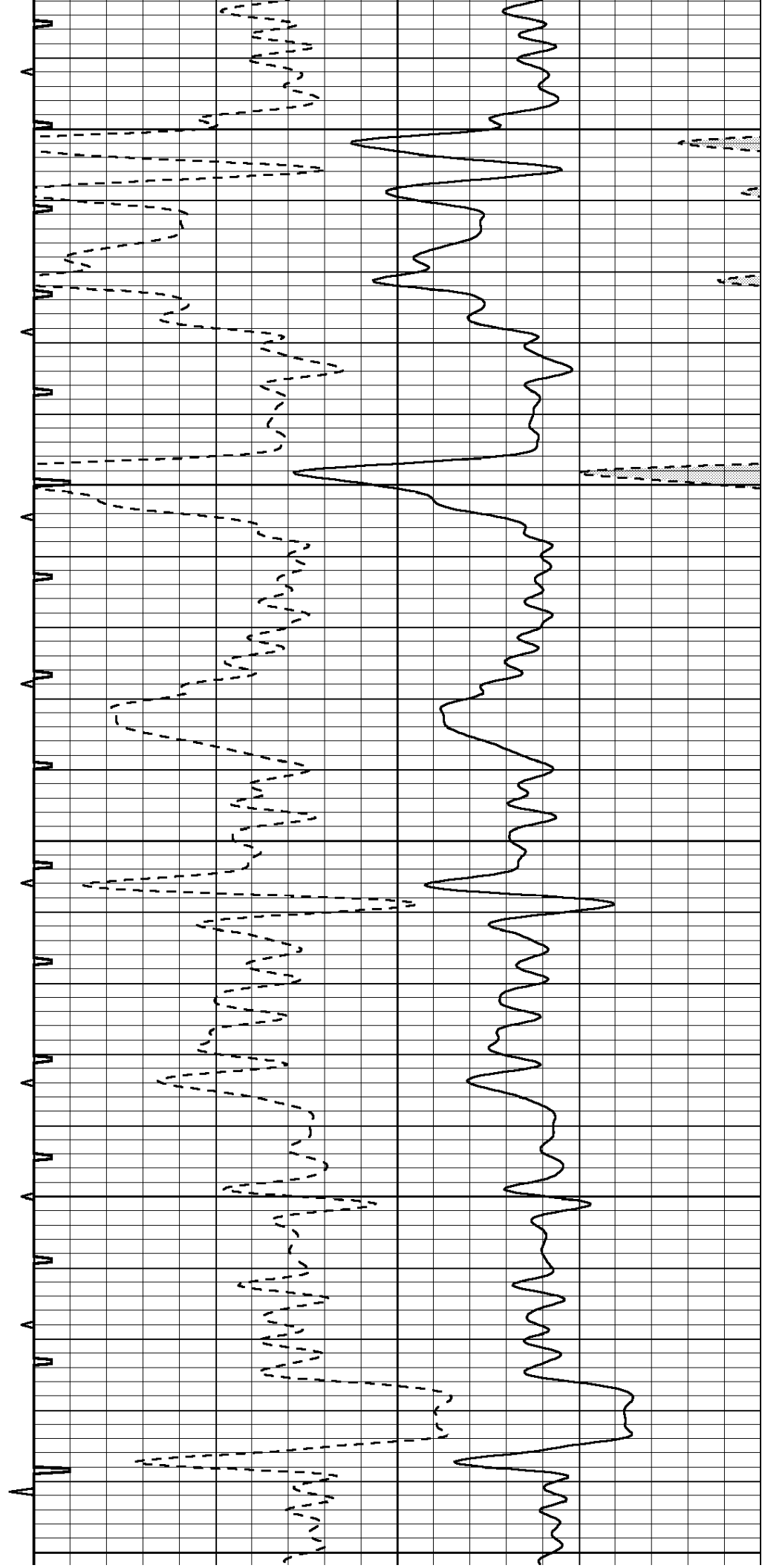
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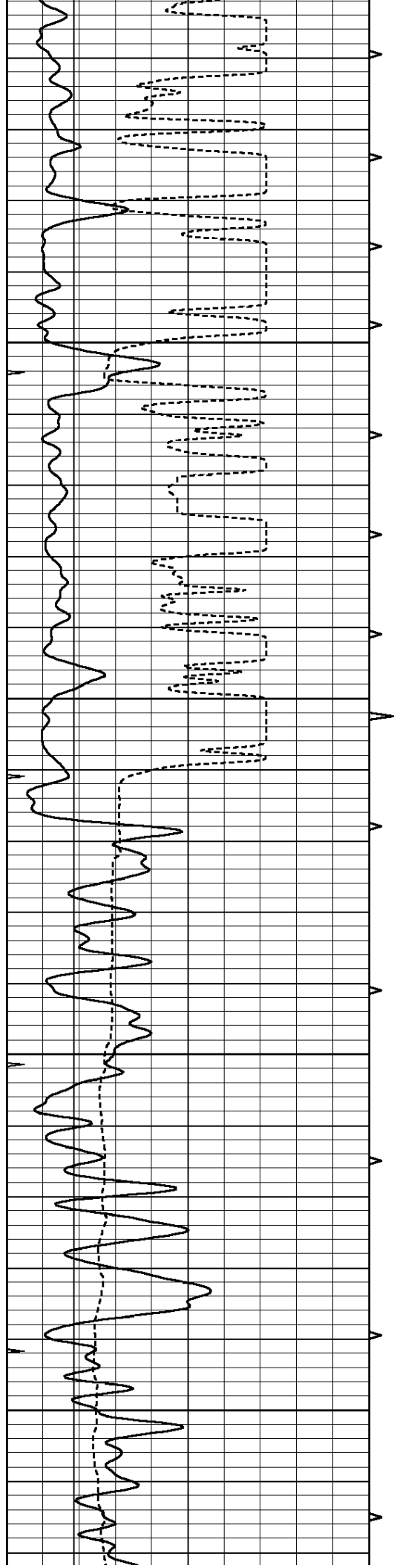
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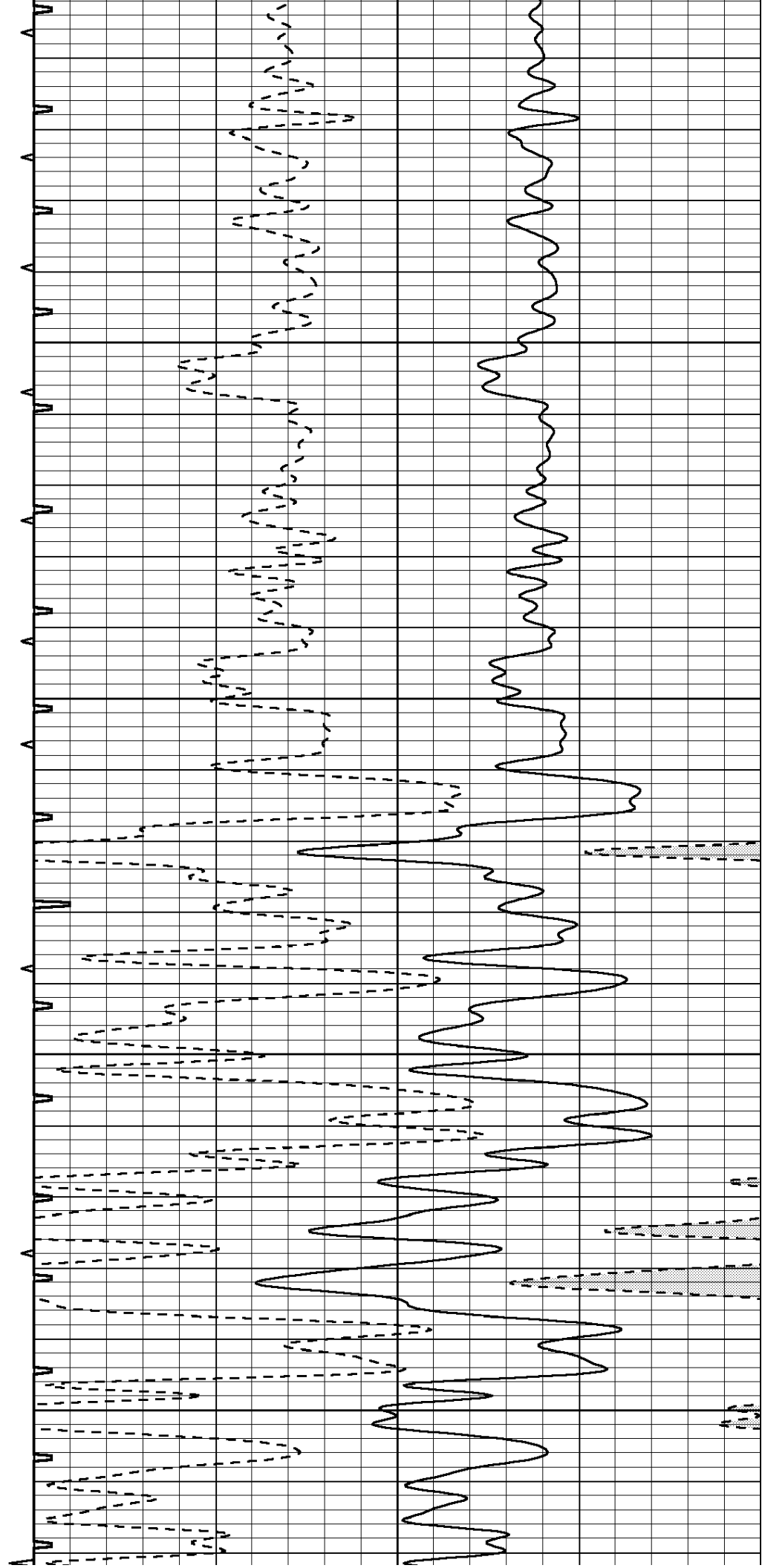


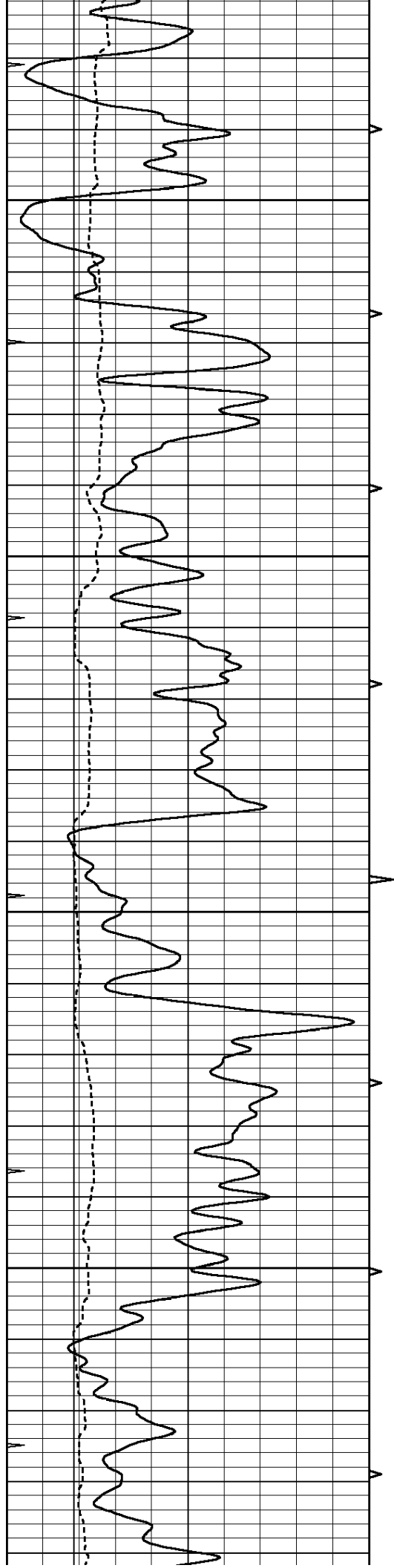
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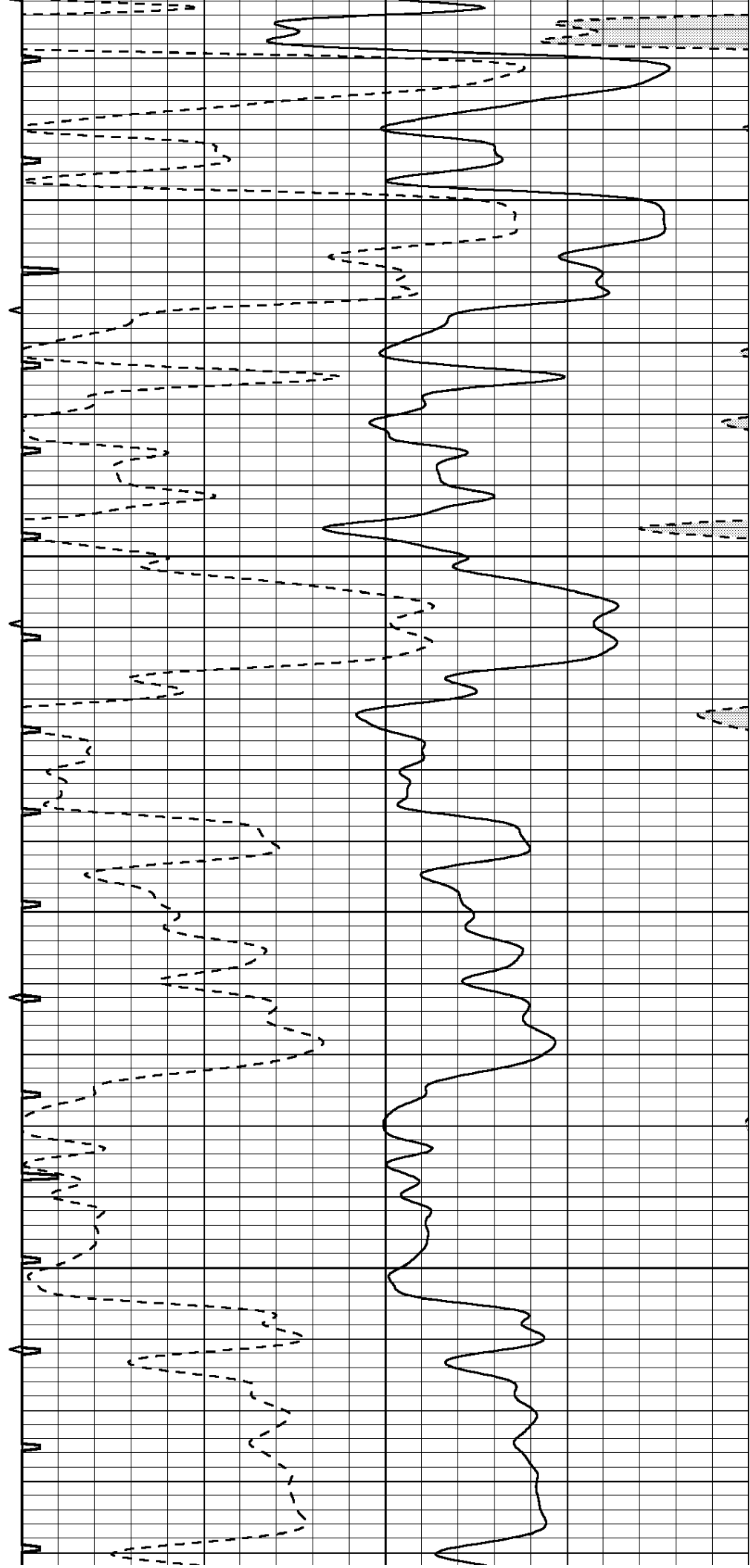


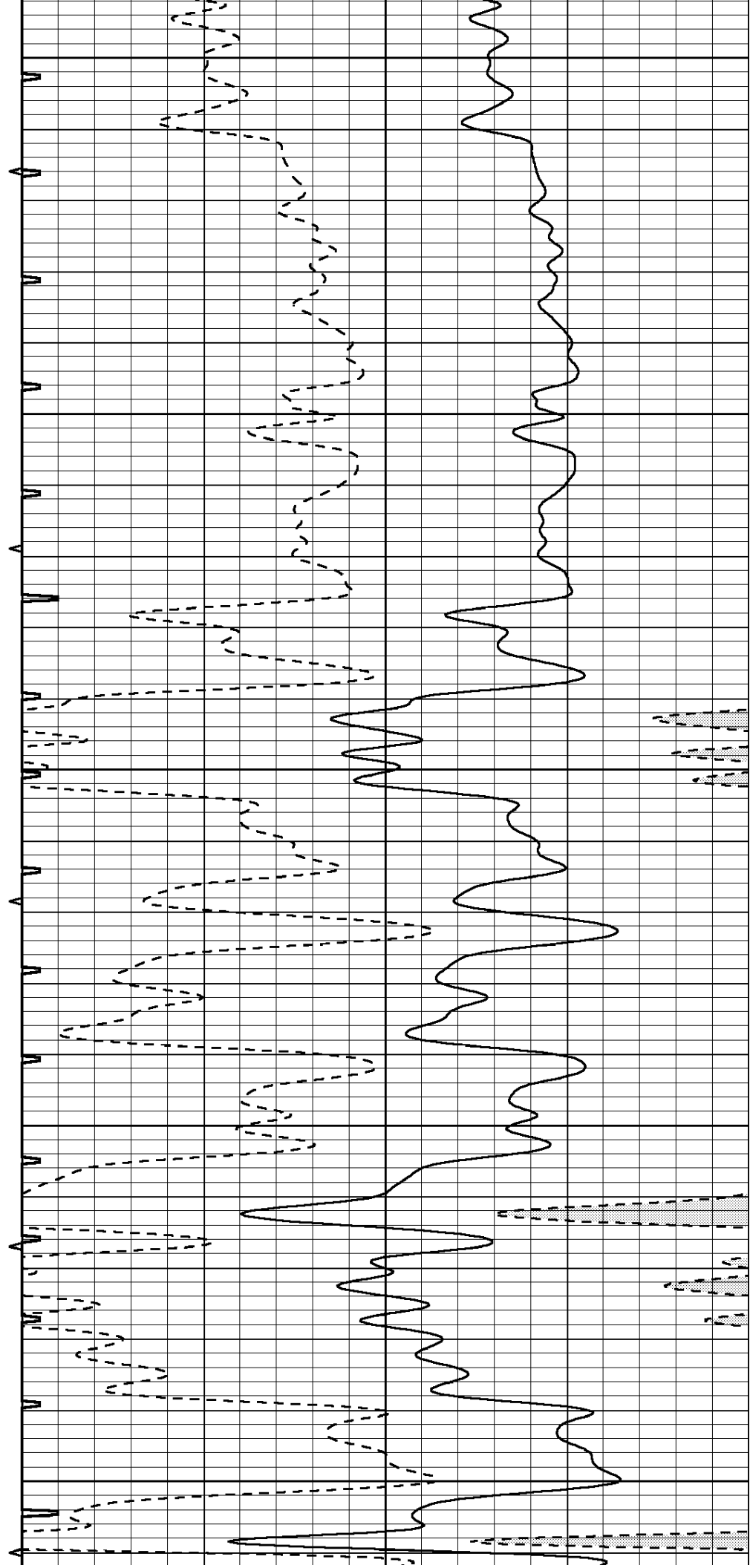
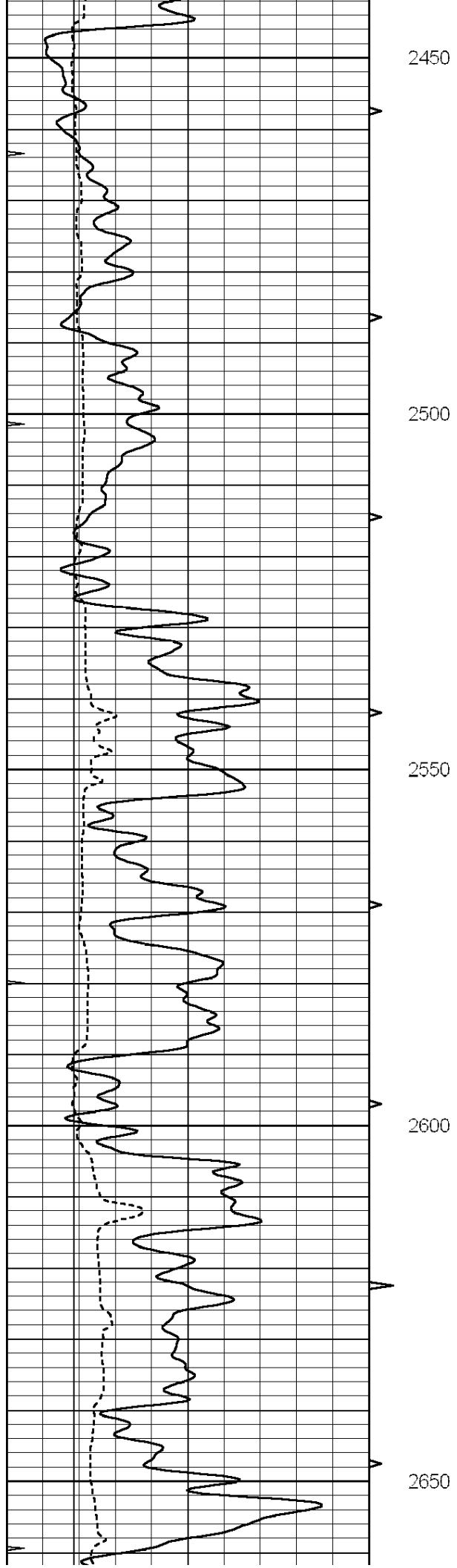
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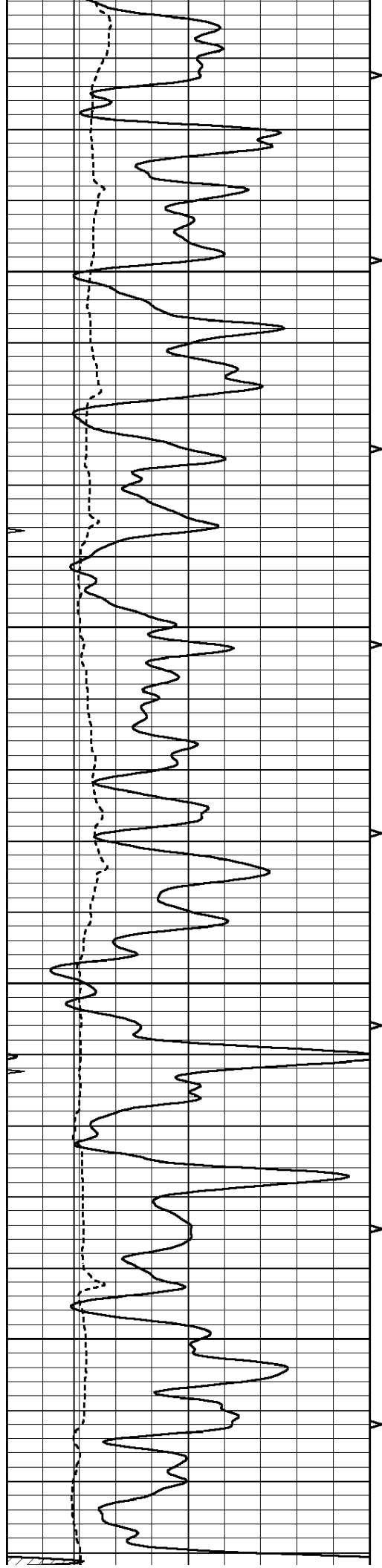
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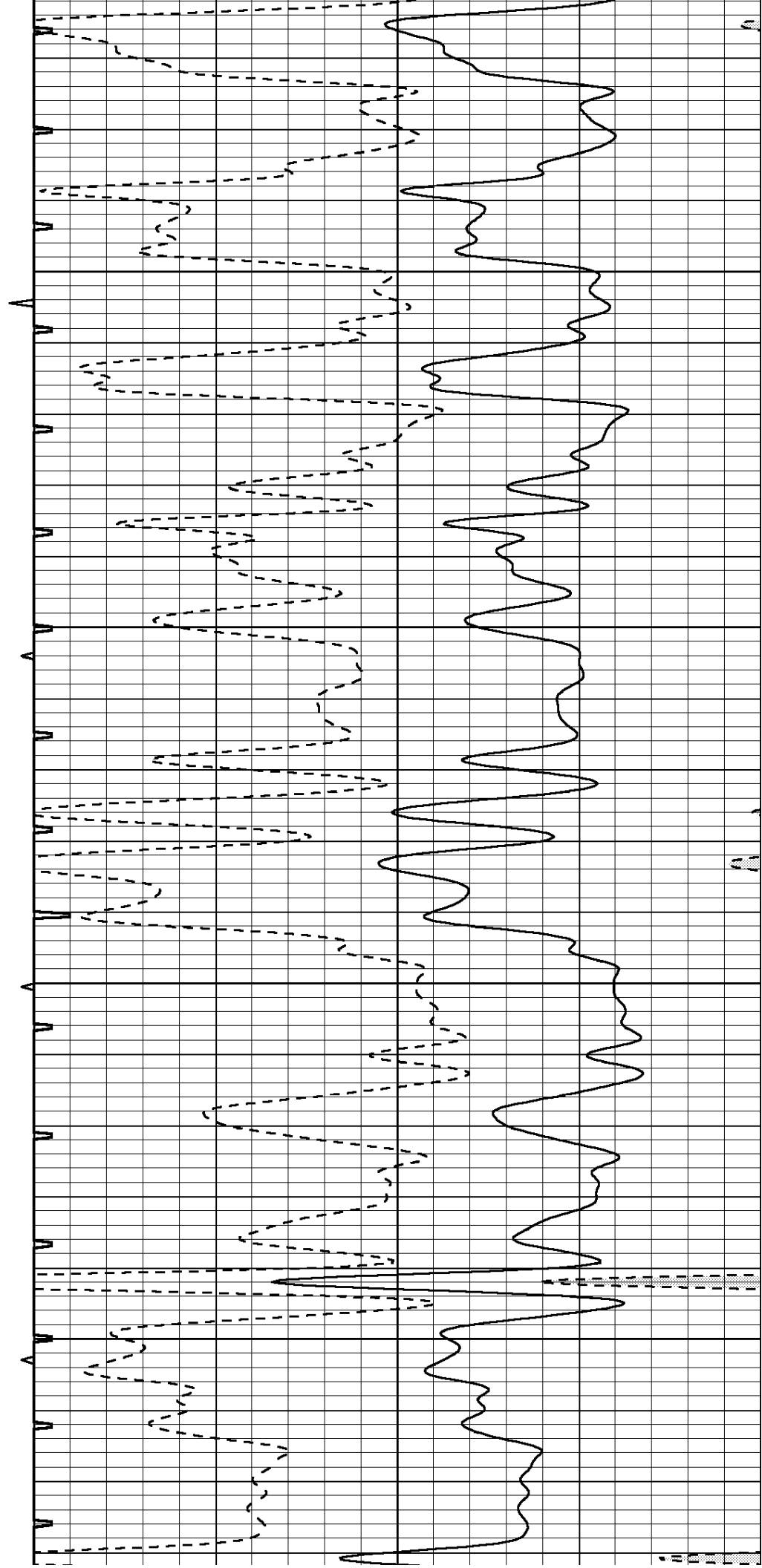


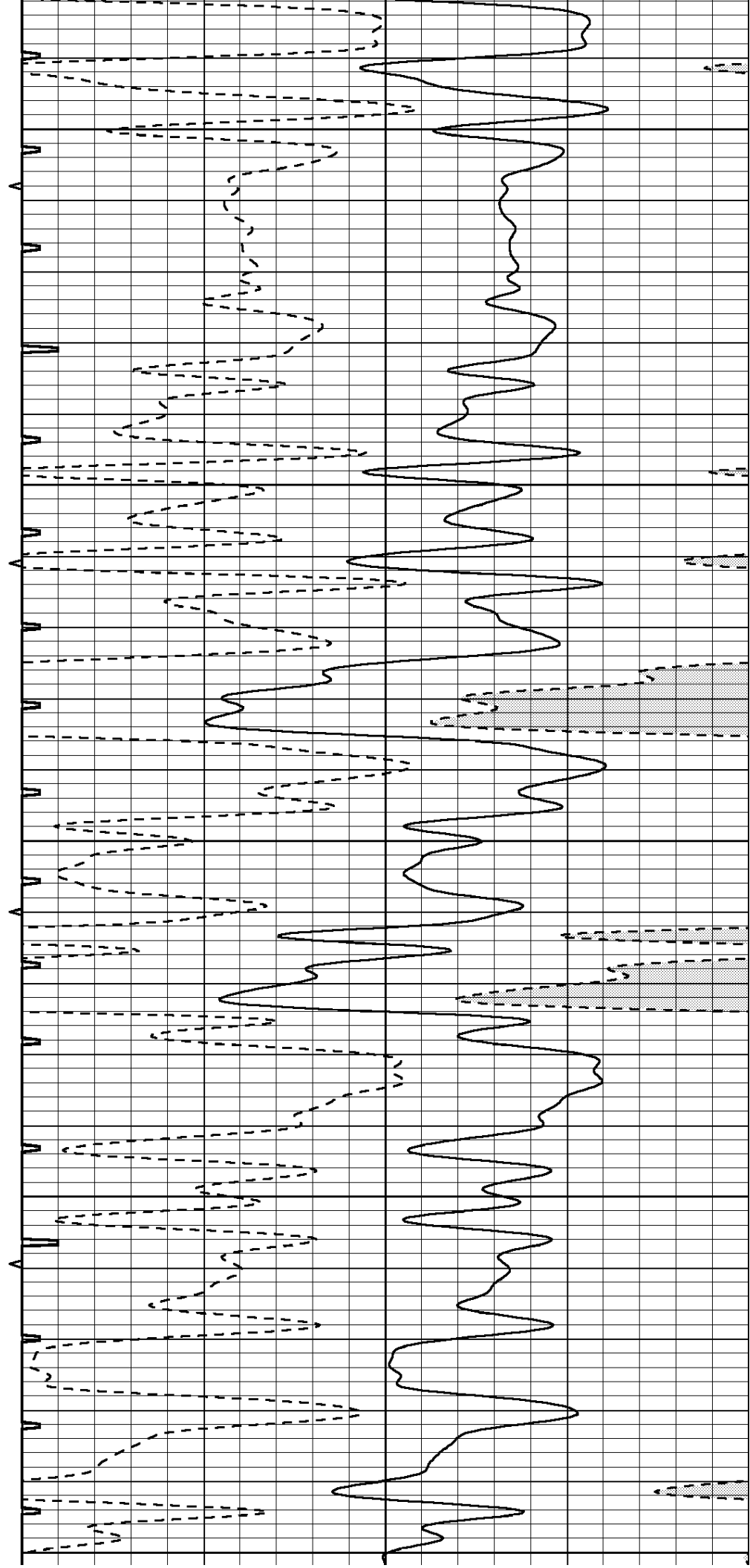
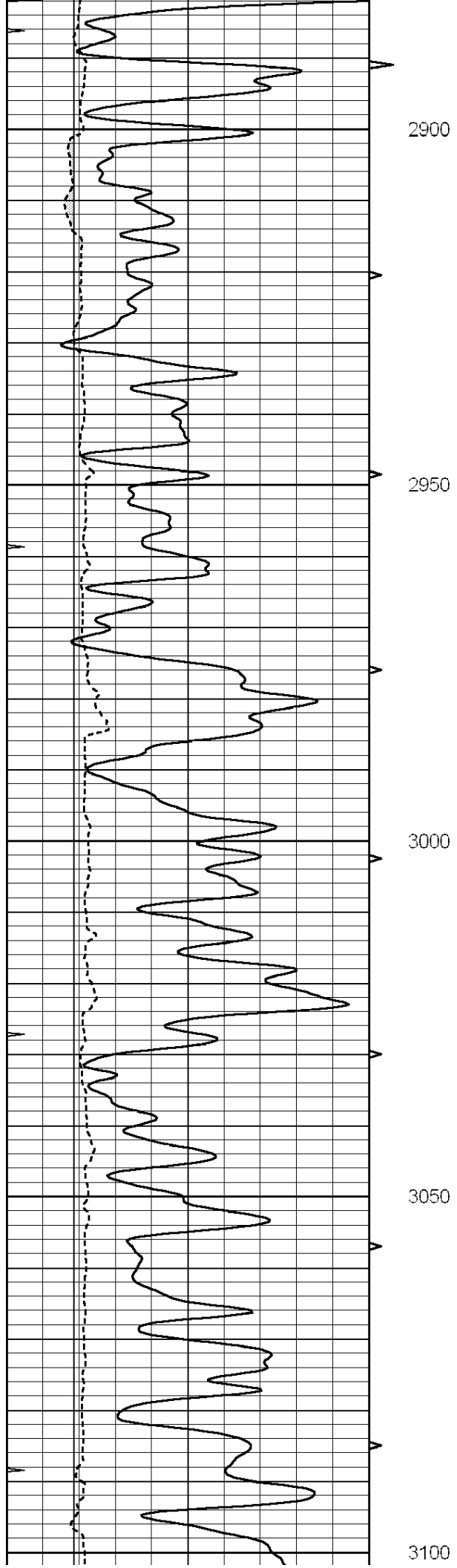
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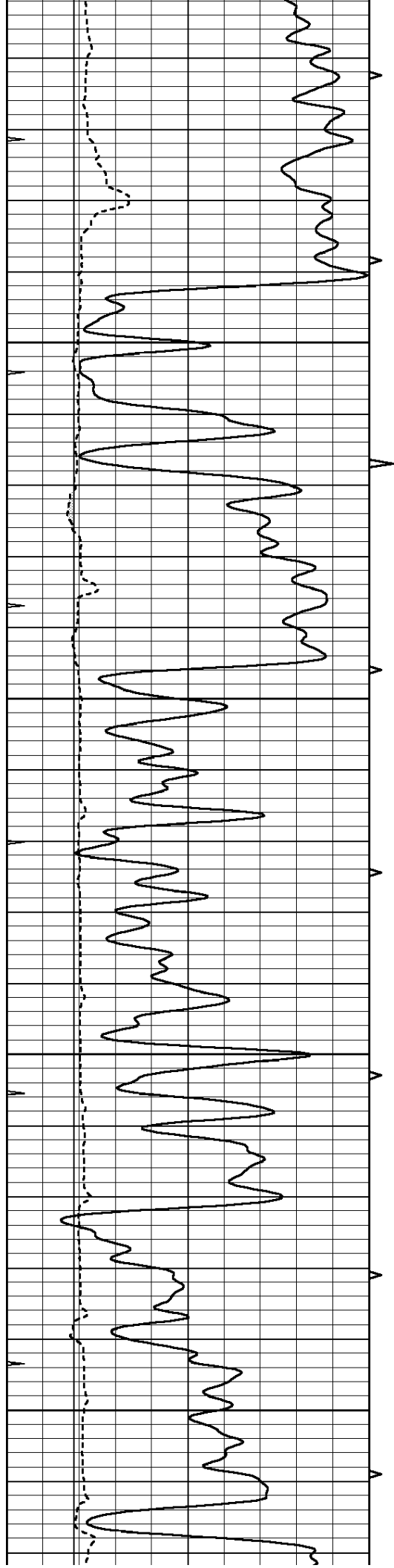
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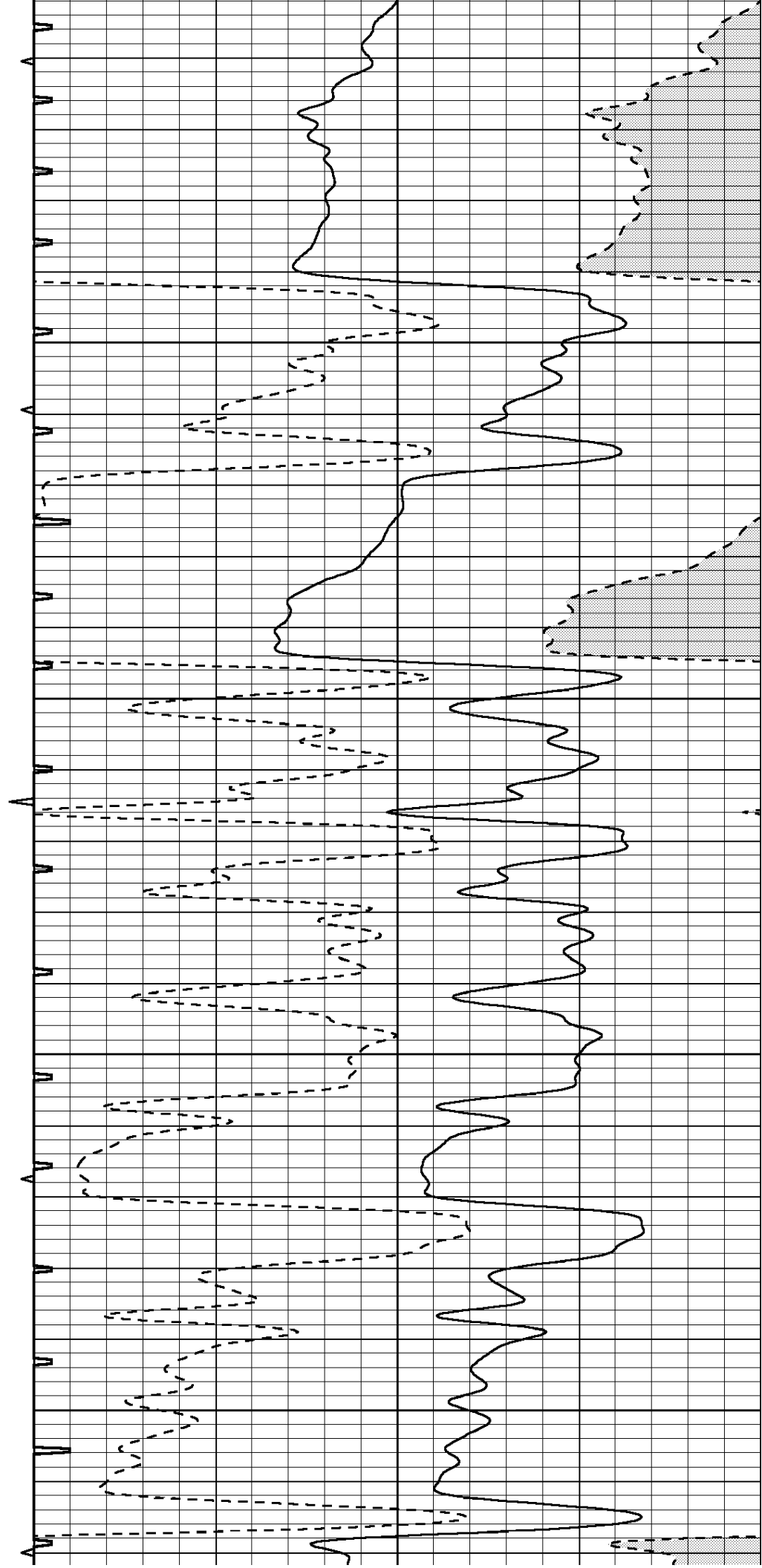


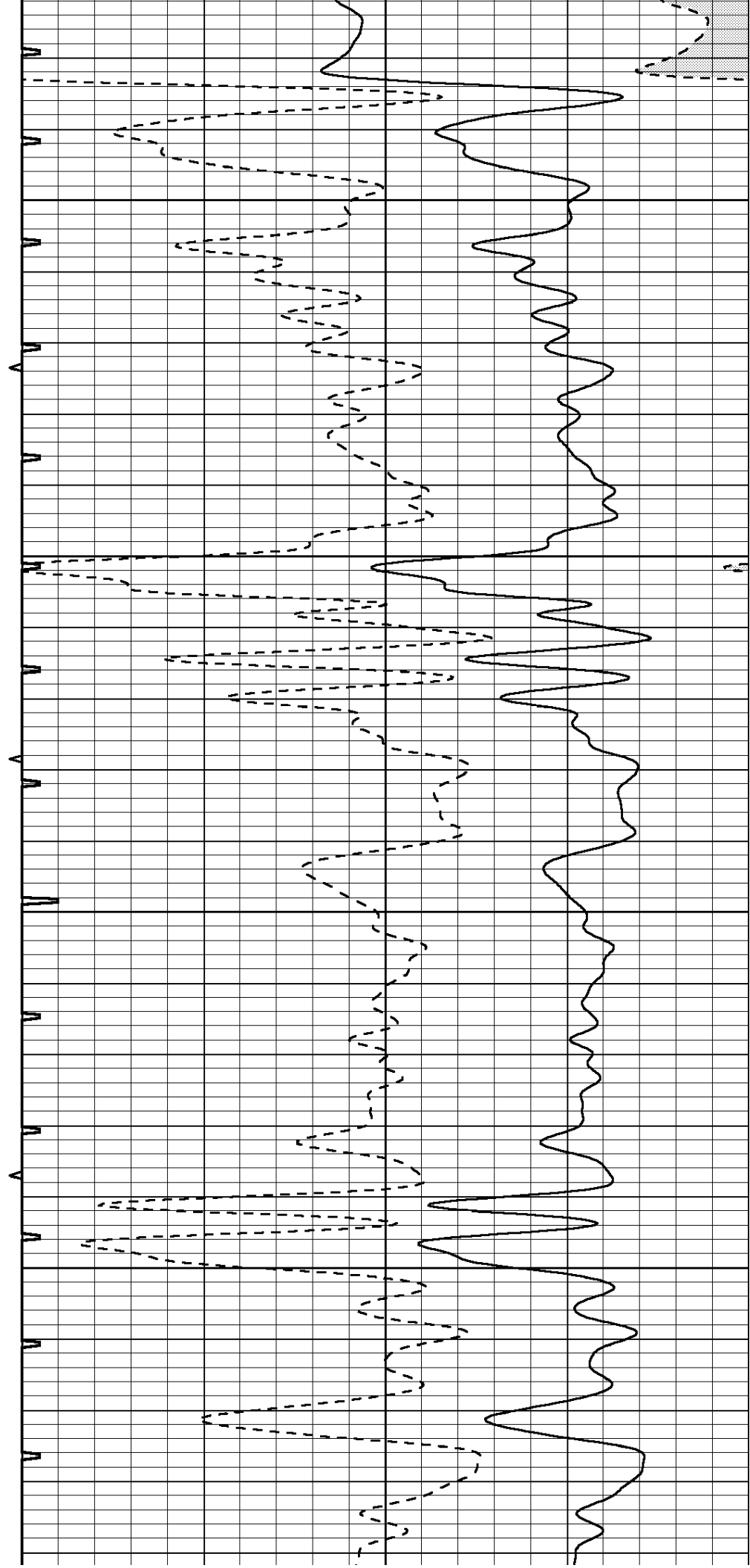
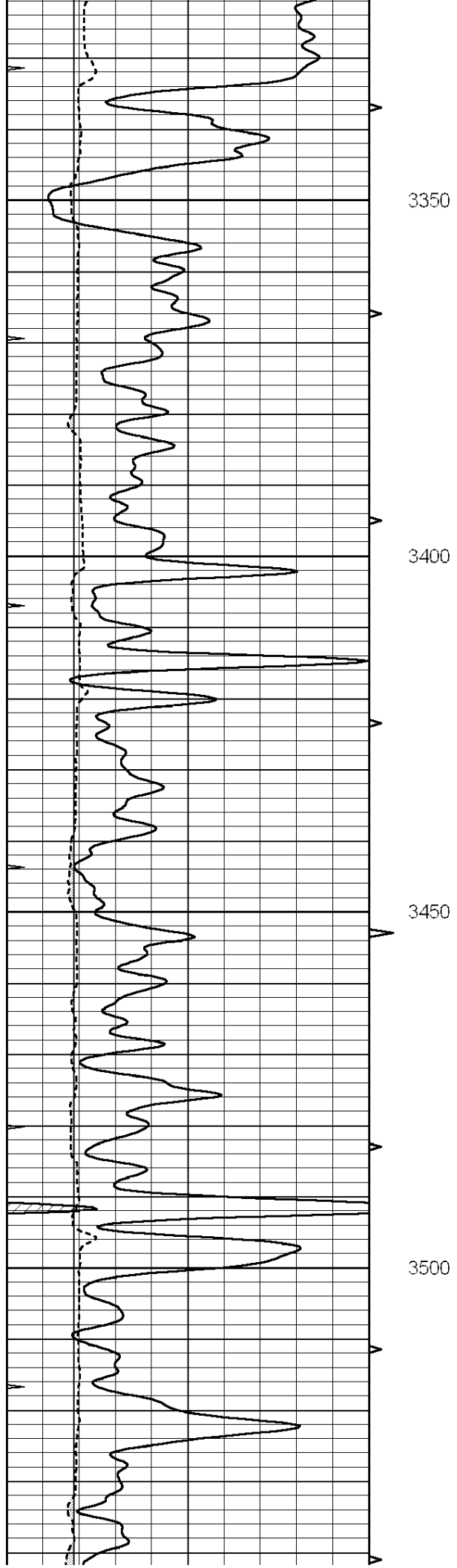
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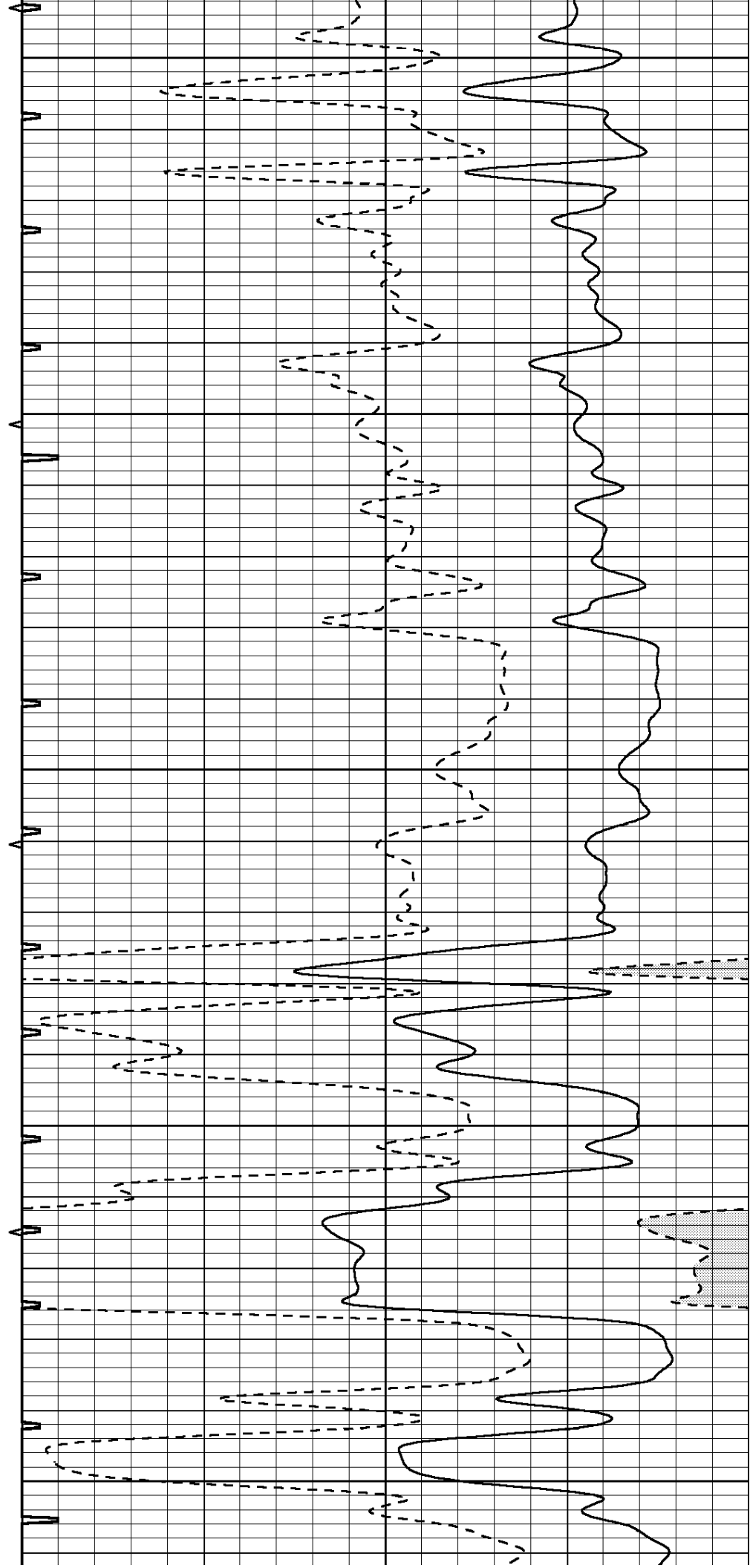
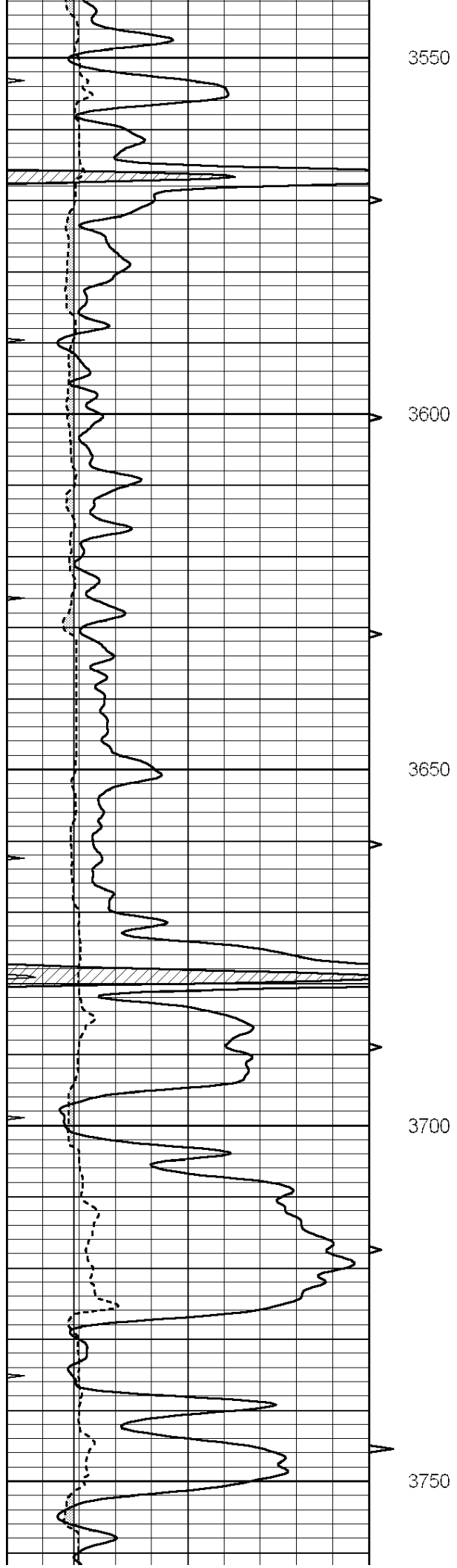
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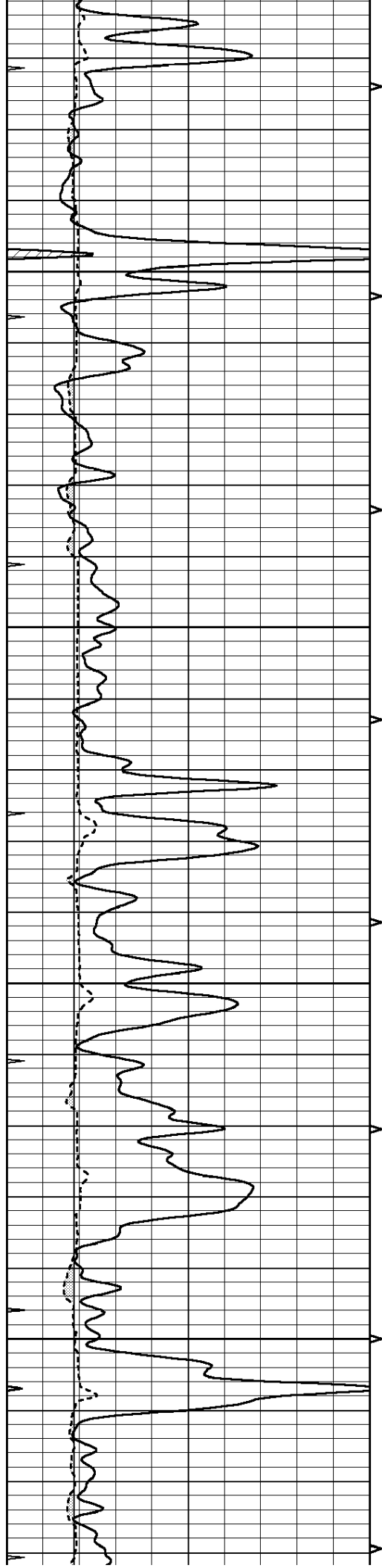
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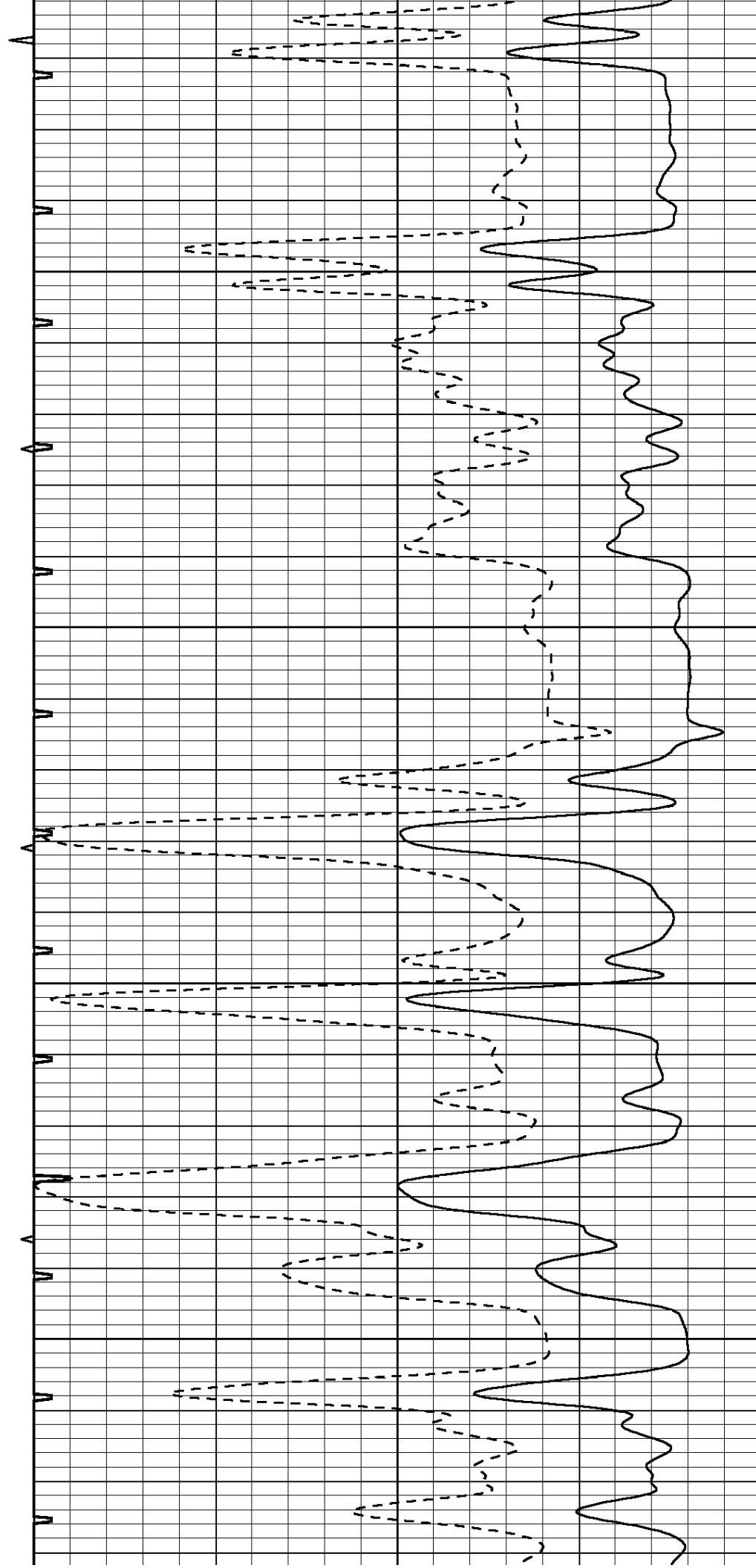


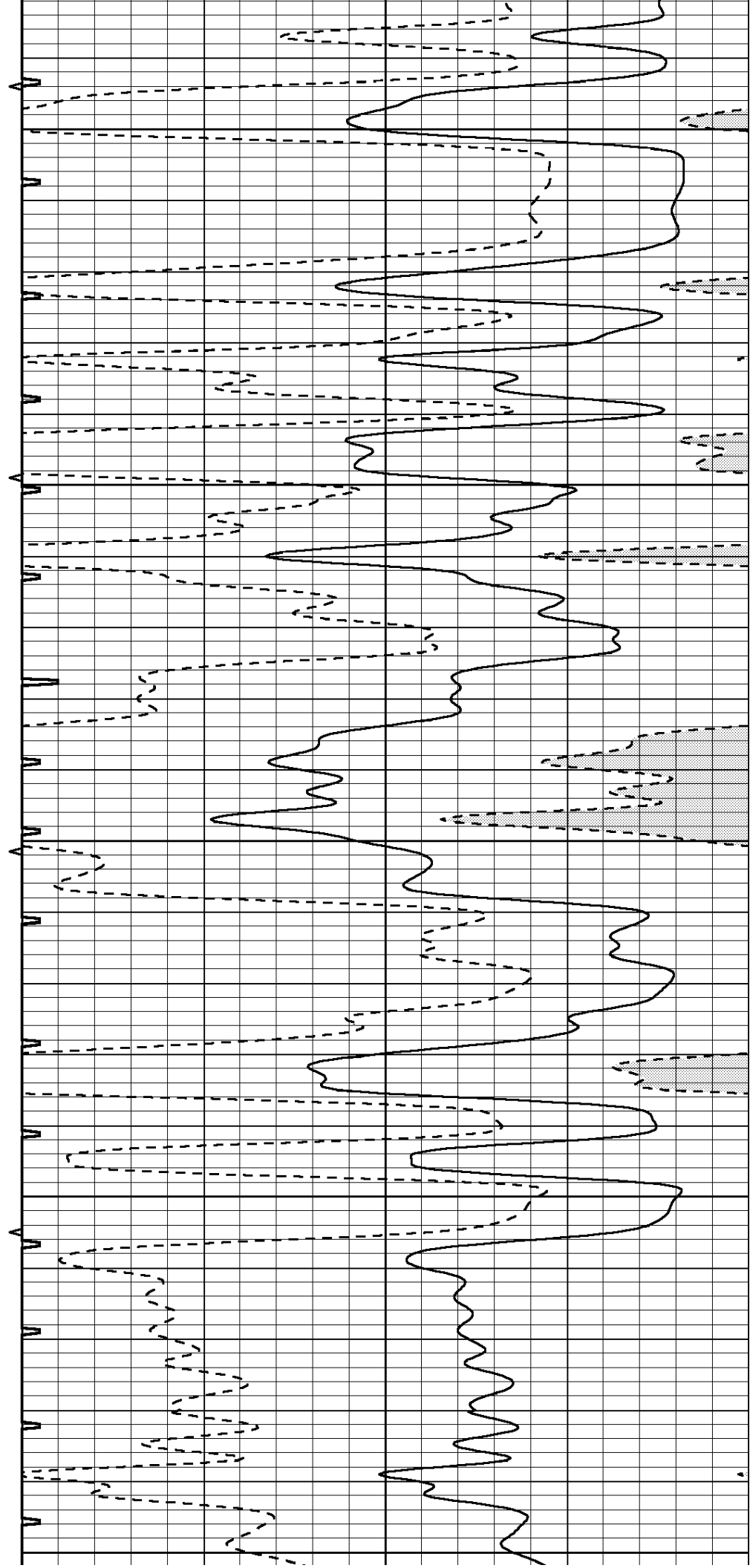
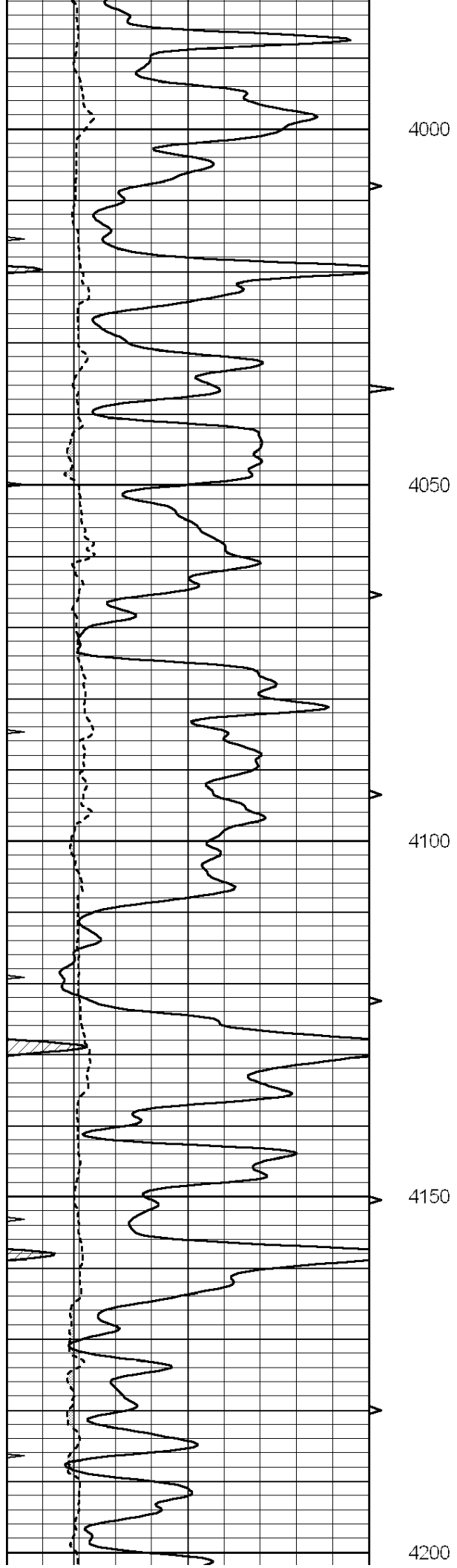
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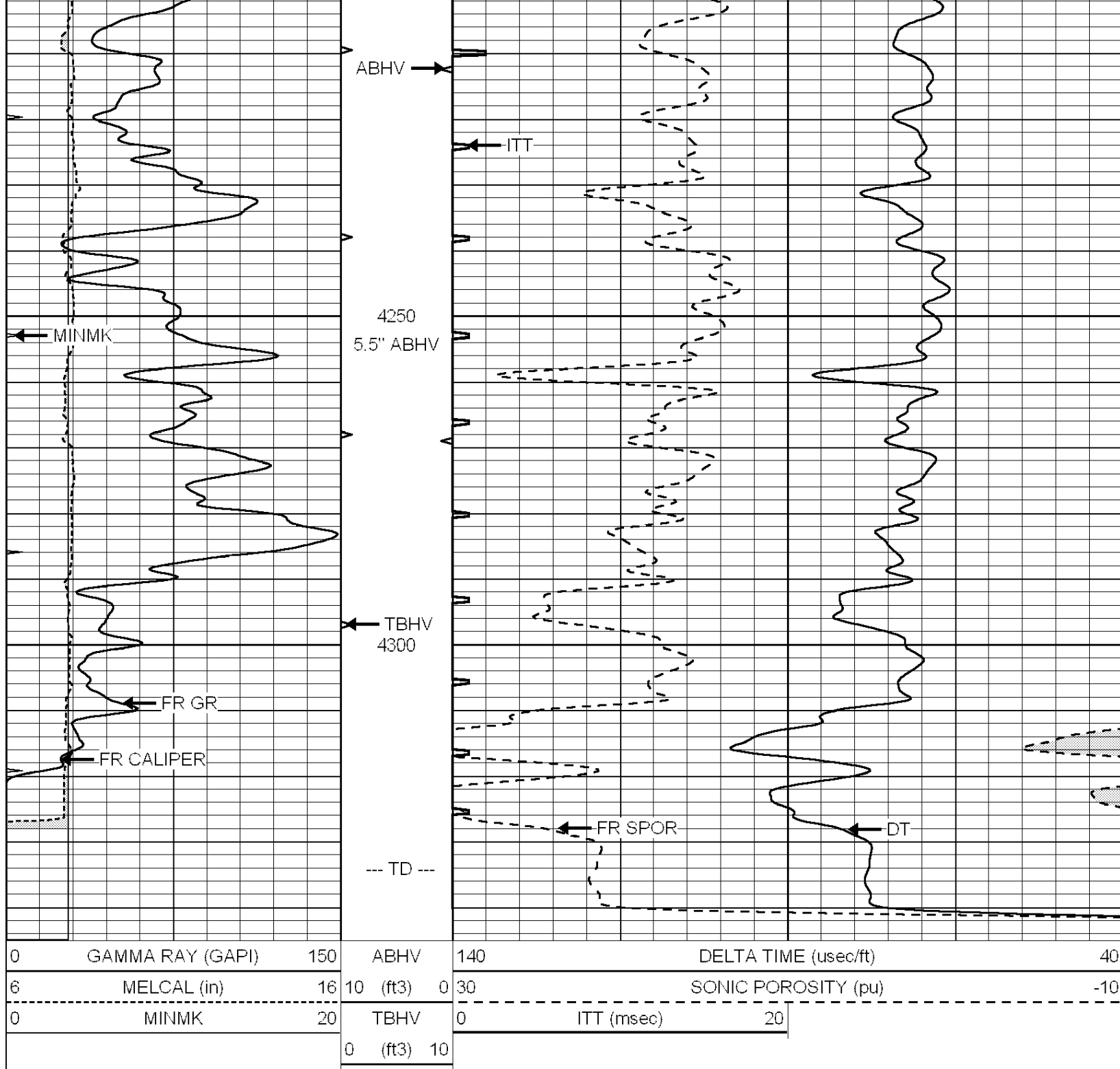
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REPEAT SECTION

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 Charted by: Depth in Feet scaled 1:240

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

0 MINMK 20

TBHV

ITT (msec)

0 (ft3) 10



4100

4150

4200

4250

4300

