



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**SONIC
LOG**

Company DREILING OIL COMPANY, INC. Well DREILING TRUST #1 Field SUGARLOAF County ELLIS State KANSAS		Company DREILING OIL COMPANY, INC. Well DREILING TRUST #1 Field SUGARLOAF County ELLIS State KANSAS	
Location: 345' FNL & 330' FEL S/2 - NE - NE - NE/4 API # : 15-051-26587-0000		Other Services CDL/CNL DIL/MEL	
Permanent Datum Log Measured From Drilling Measured From		SEC 20 TWP 13S RGE 17W GROUND LEVEL KELLY BUSHING & A.G.L. KELLY BUSHING	
Date 10/23/13		Elevation K.B. 2045 D.F. 2043 G.L. 2037	
Run Number	TWO		
Depth Driller	3700		
Depth Logger	3702		
Bottom Logged Interval	3692		
Top Log Interval	200		
Casing Driller	8 5/8" @ 222'		
Casing Logger	222'		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.1 / 53		
pH / Fluid Loss	10.0 / 8.0		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.80 @ 70F		
Rmf @ Meas. Temp	0.60 @ 70F		
Rmc @ Meas. Temp	0.96 @ 70F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	0.50 @ 113F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	113F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	JEFF GRONEMEG		
Witnessed By	ROGER FISHER		

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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.

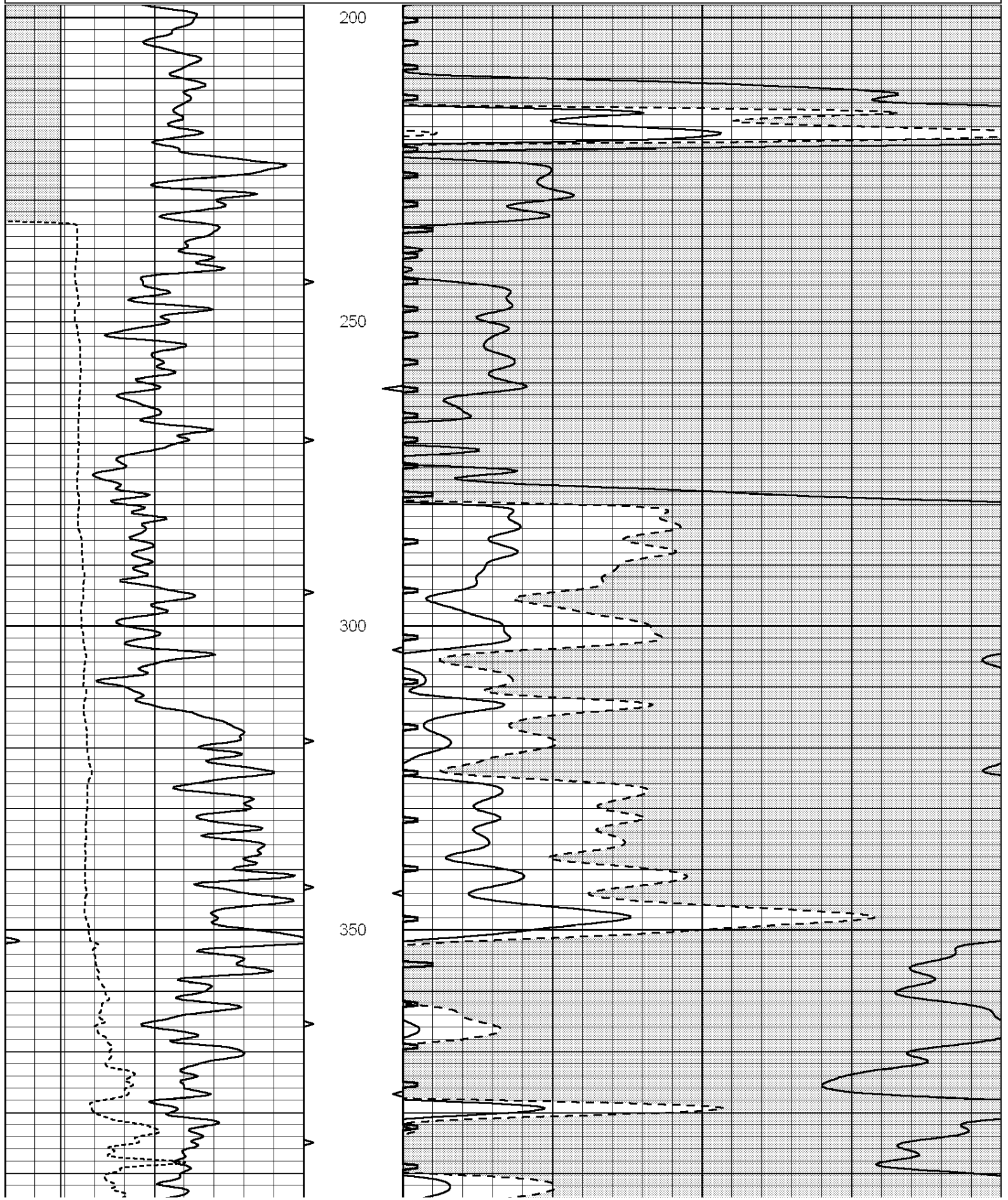
Comments

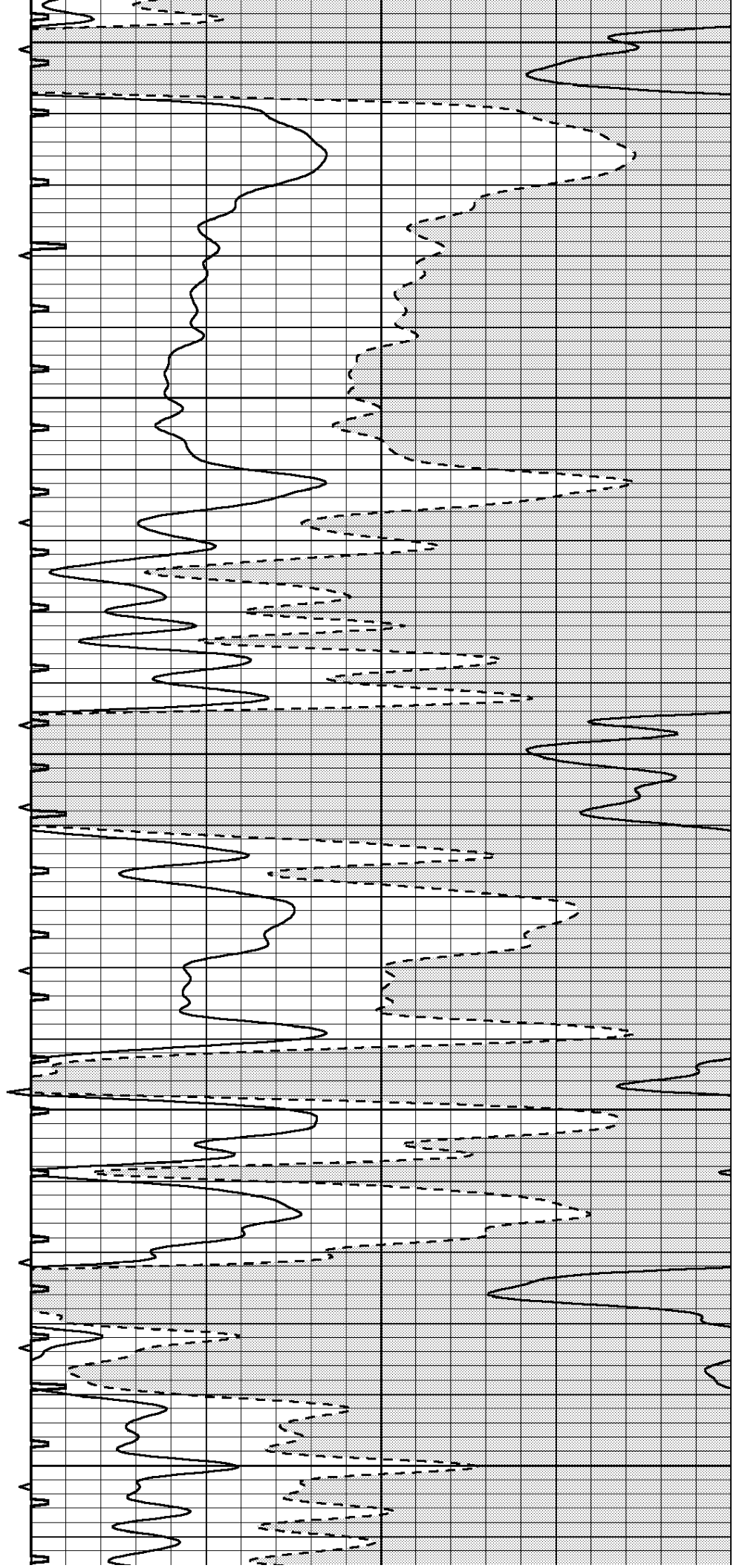
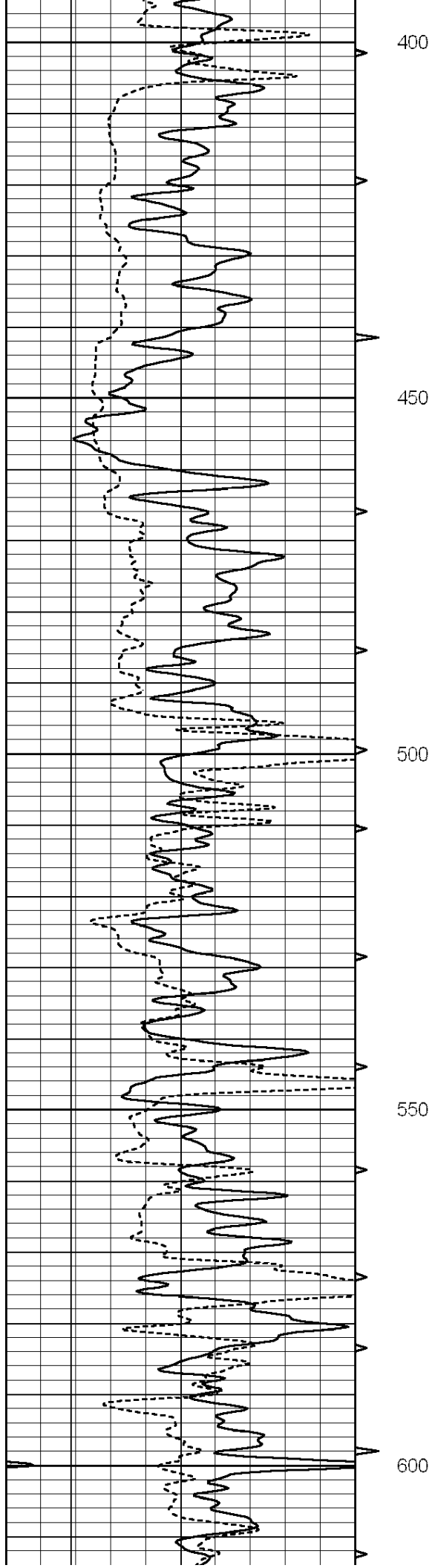
THANK YOU FOR USING NABORS COMPLETION & PRODUCTION SVCS. (785) 628-6395

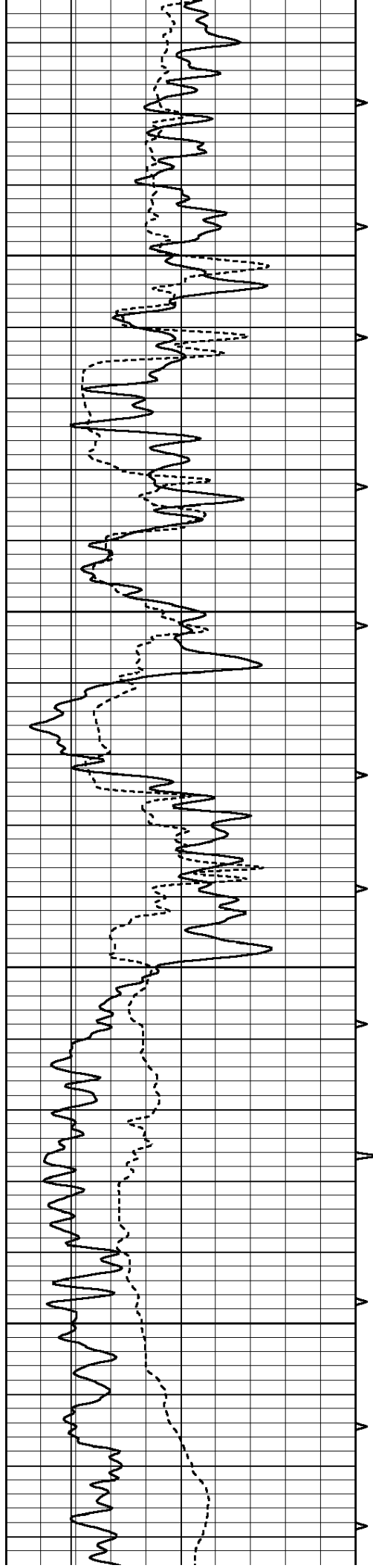
DIRECTIONS:

TOULON EXIT ON I-70 - 2 1/2 MILES NORTH TO FAIRGROUND RD - 1/2 MILE EAST TO GATE
INTO SOUTH - EAST - NORTH APPROX 1 MILE

Charted by:		Depth (m) Est scaled 1:2.15				
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			





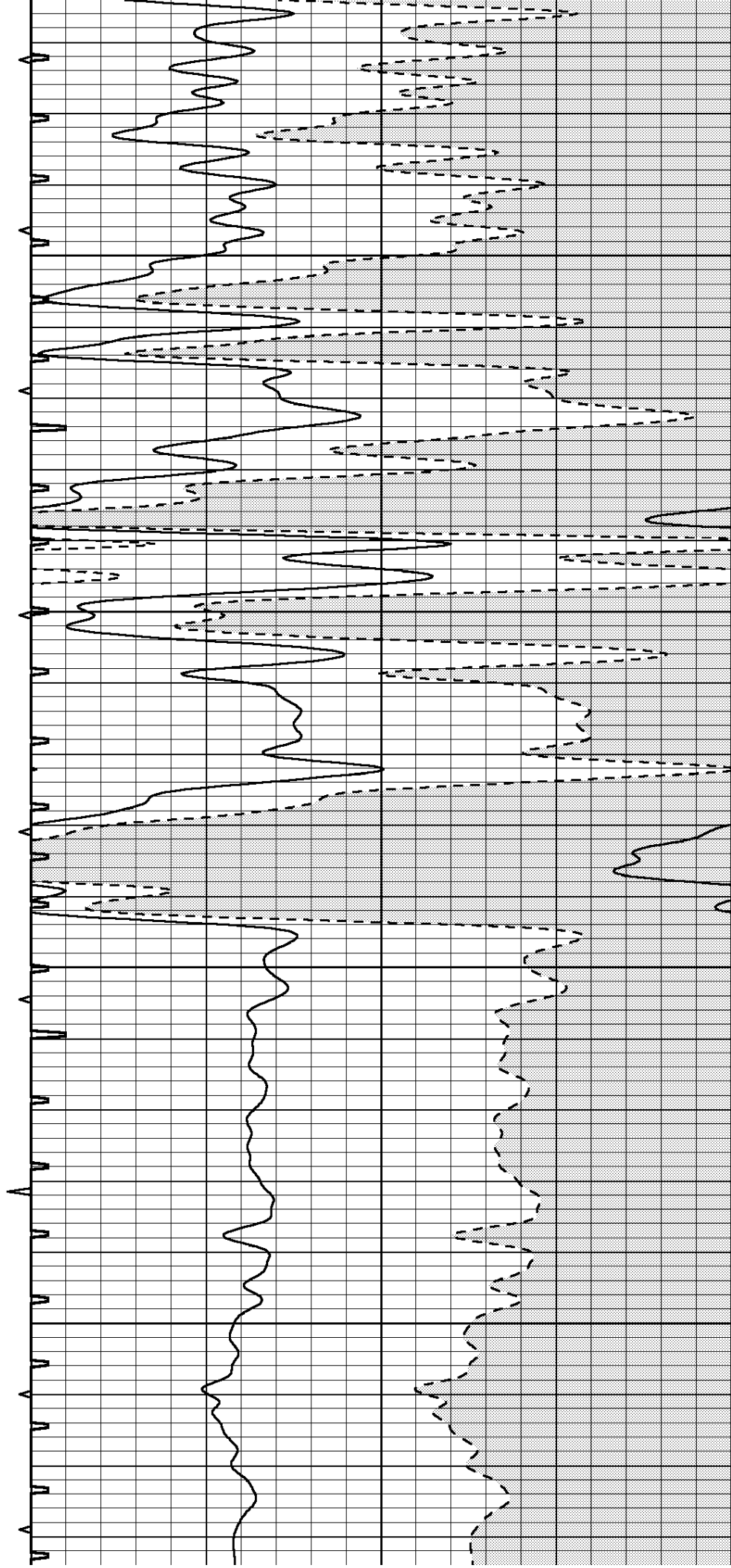


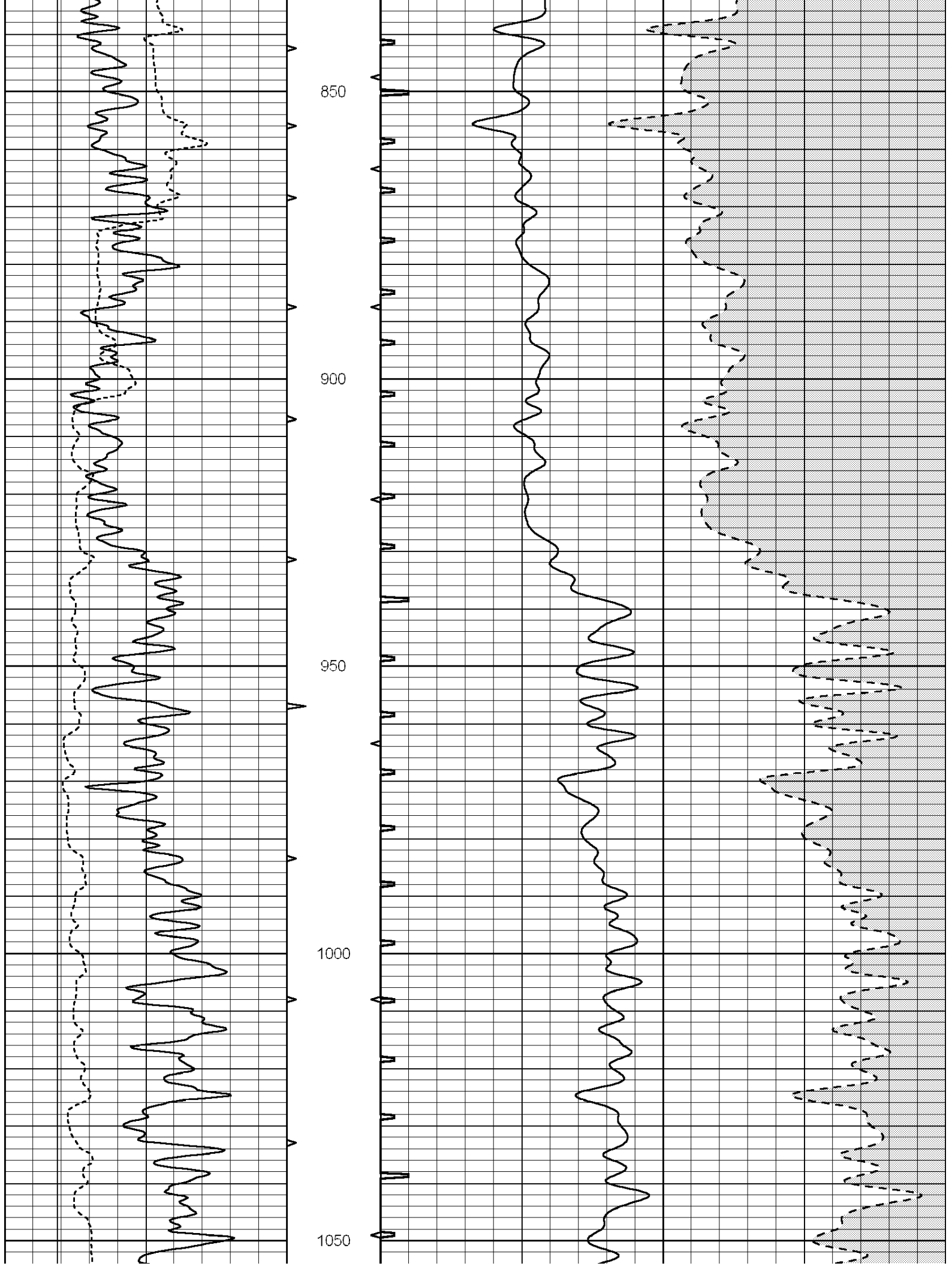
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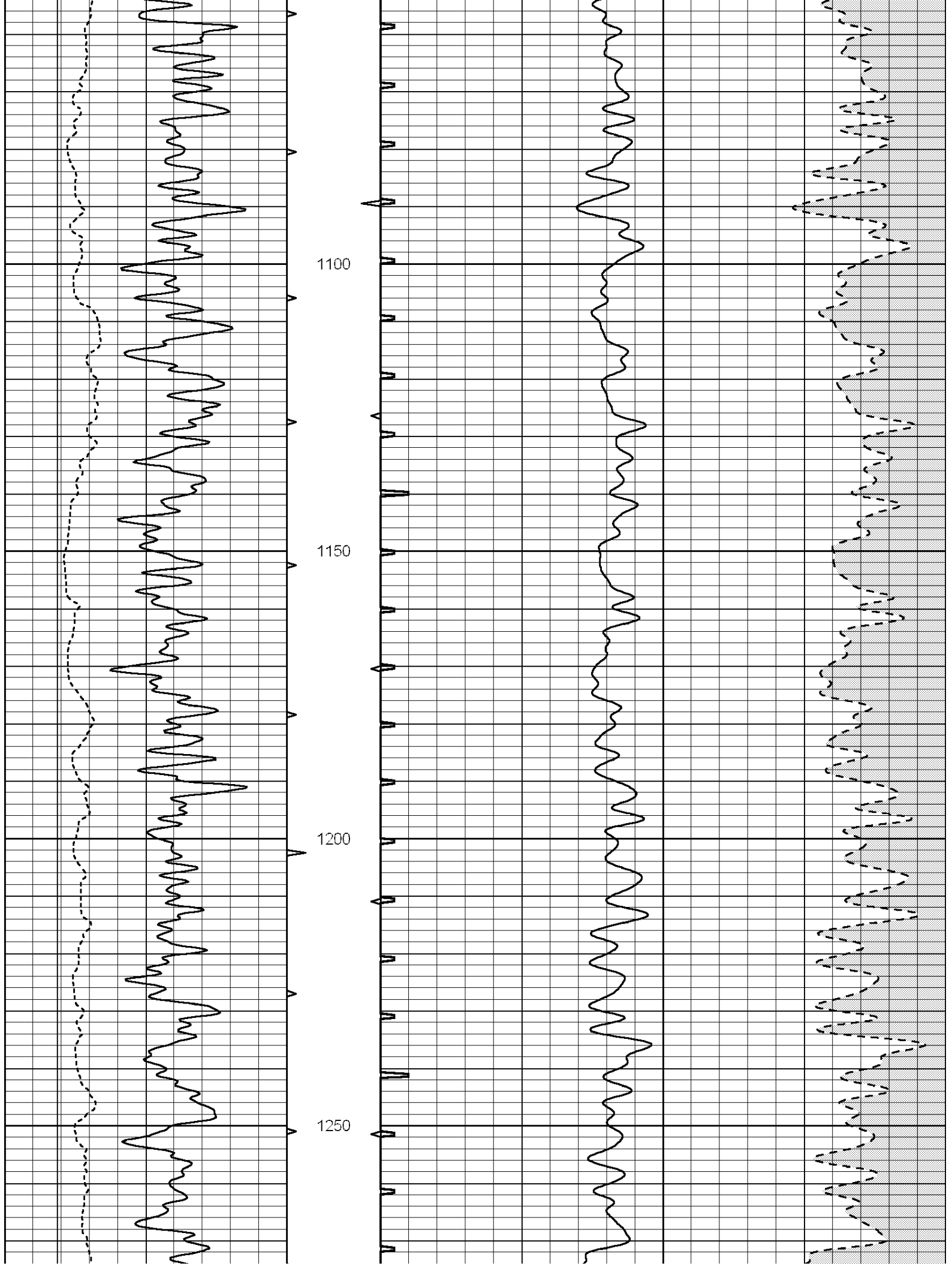
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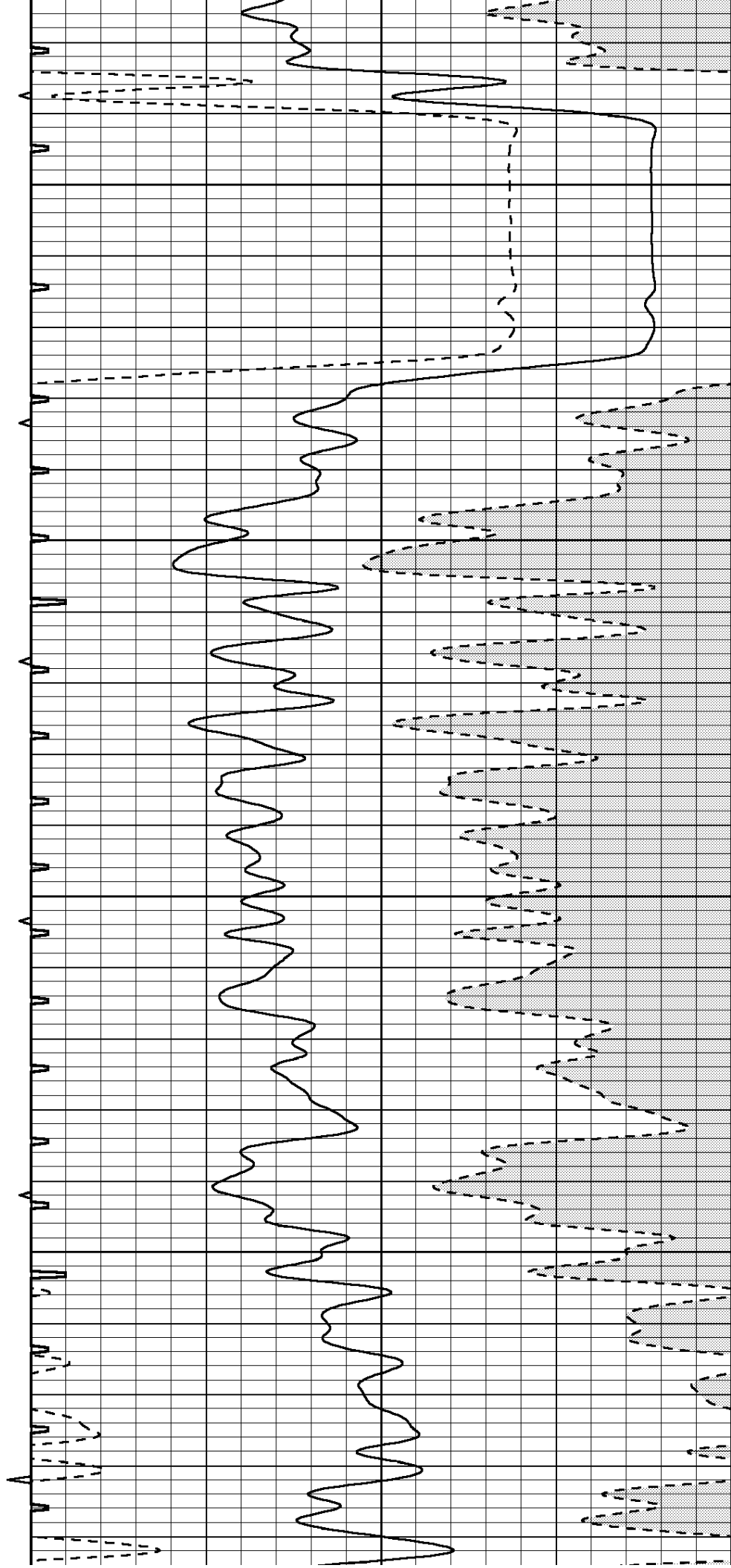
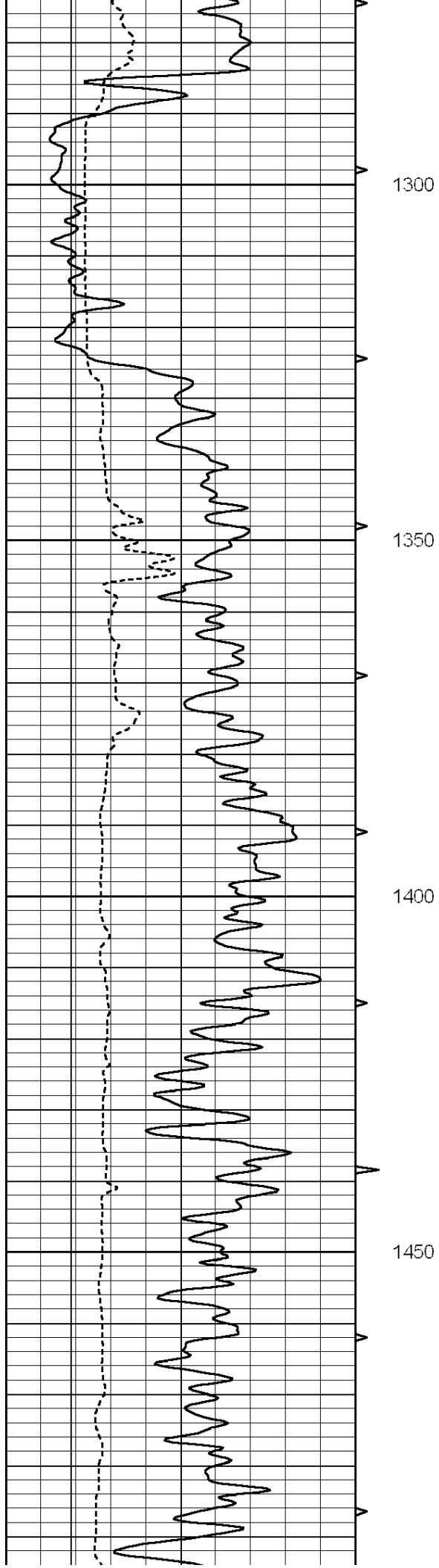
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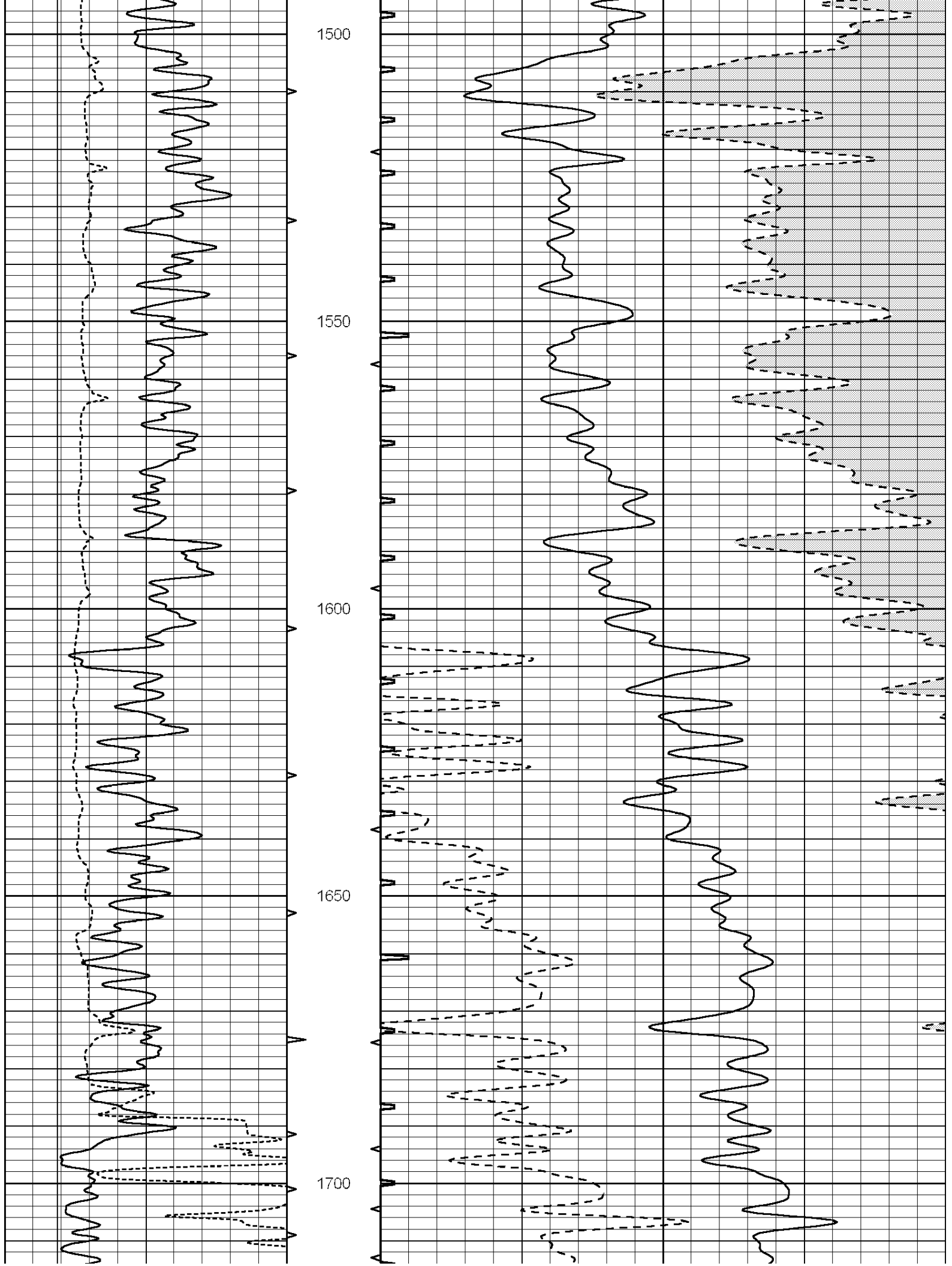
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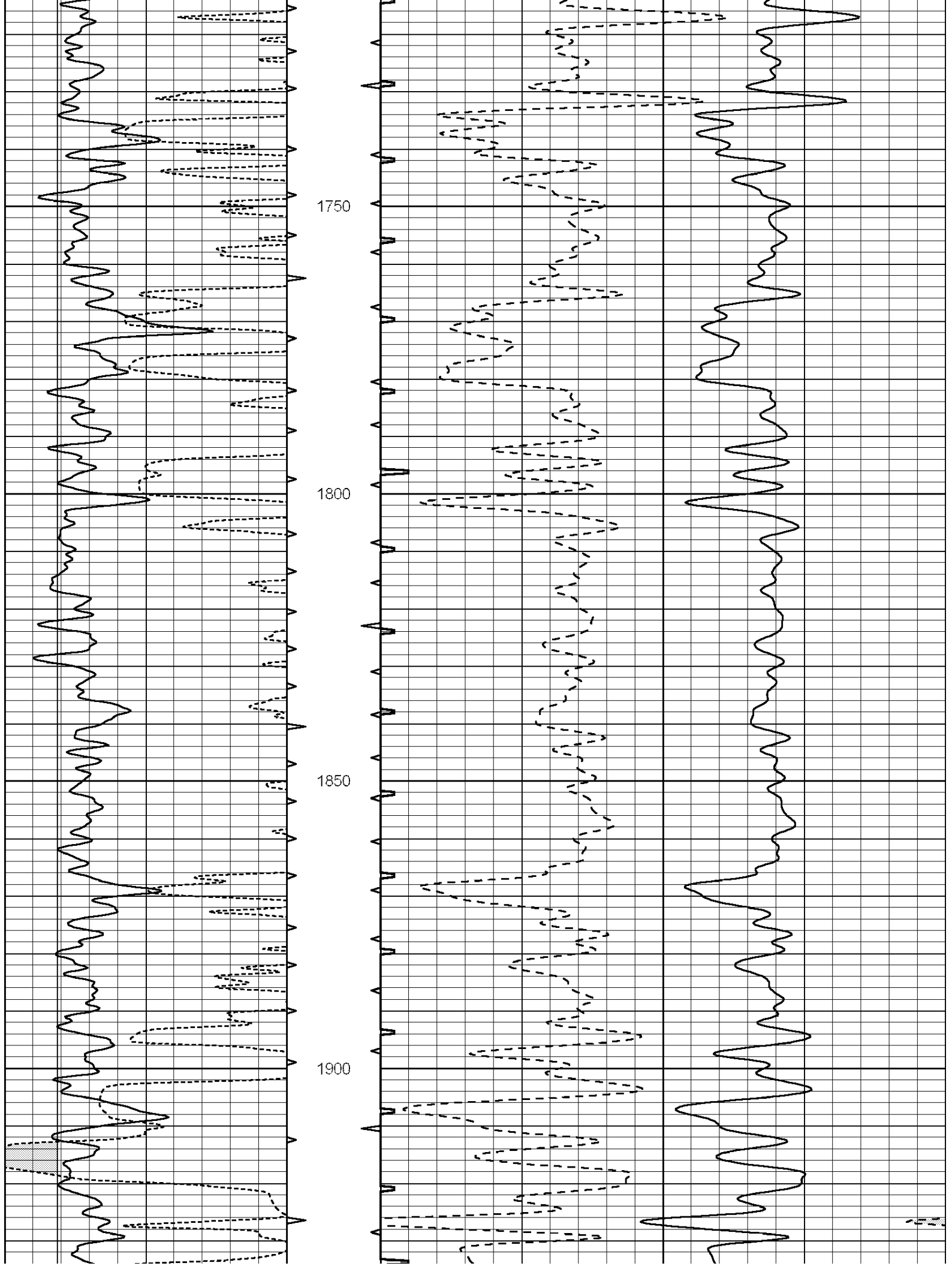


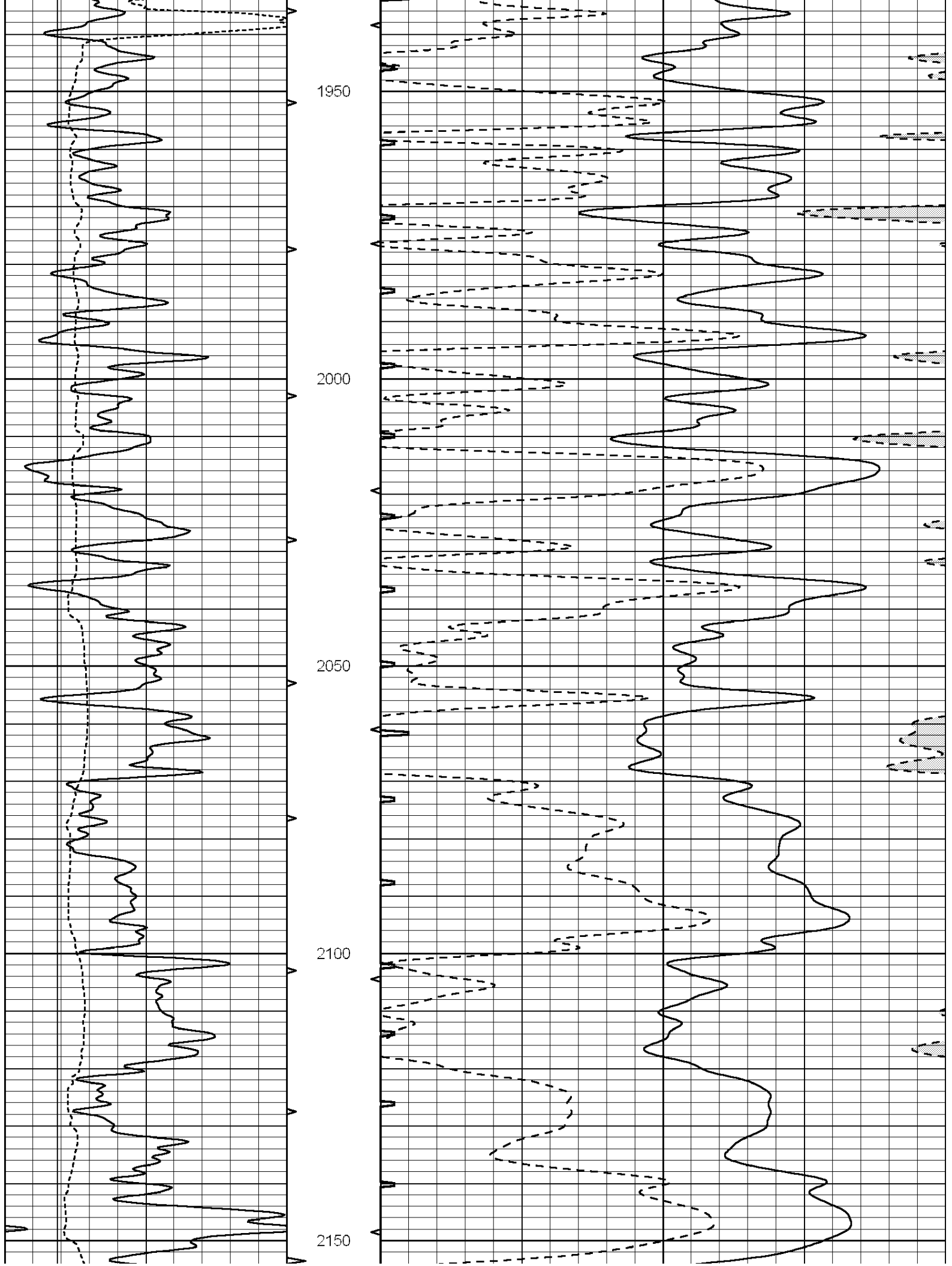


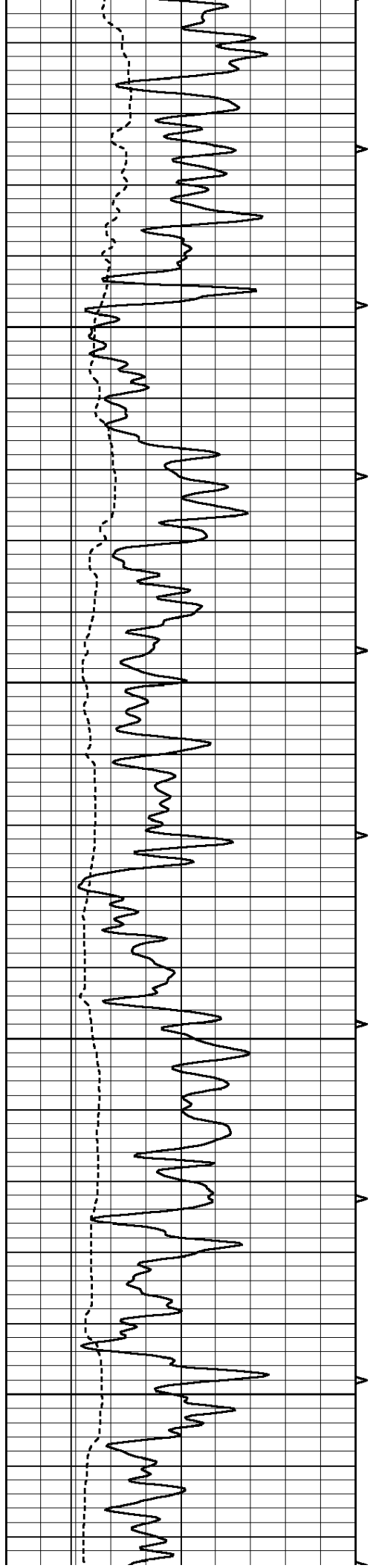










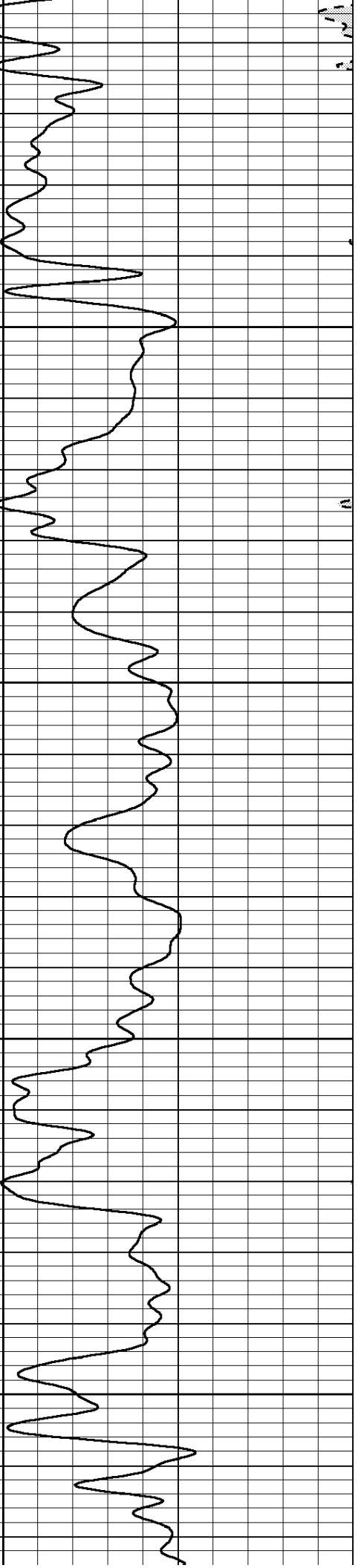
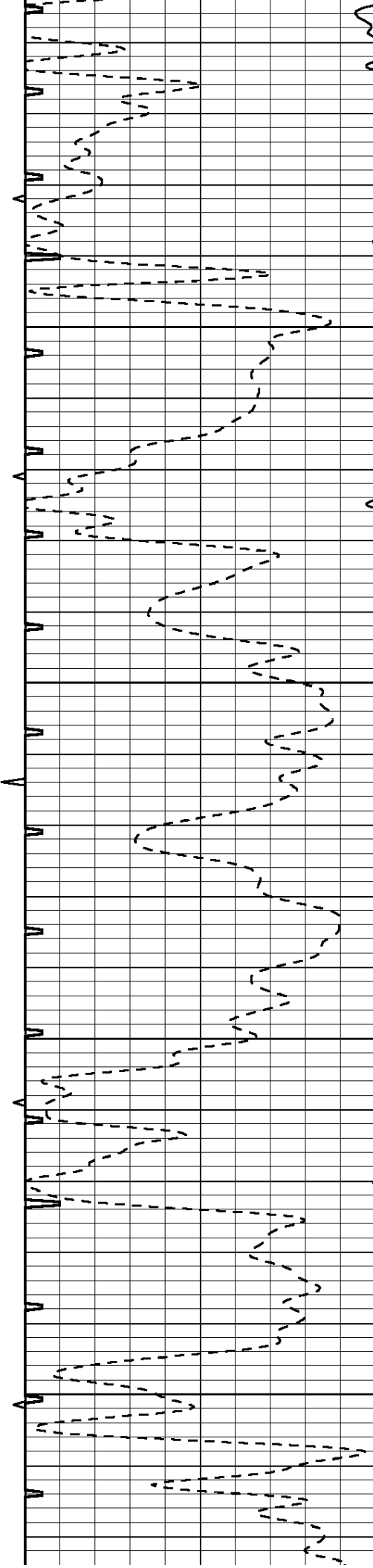


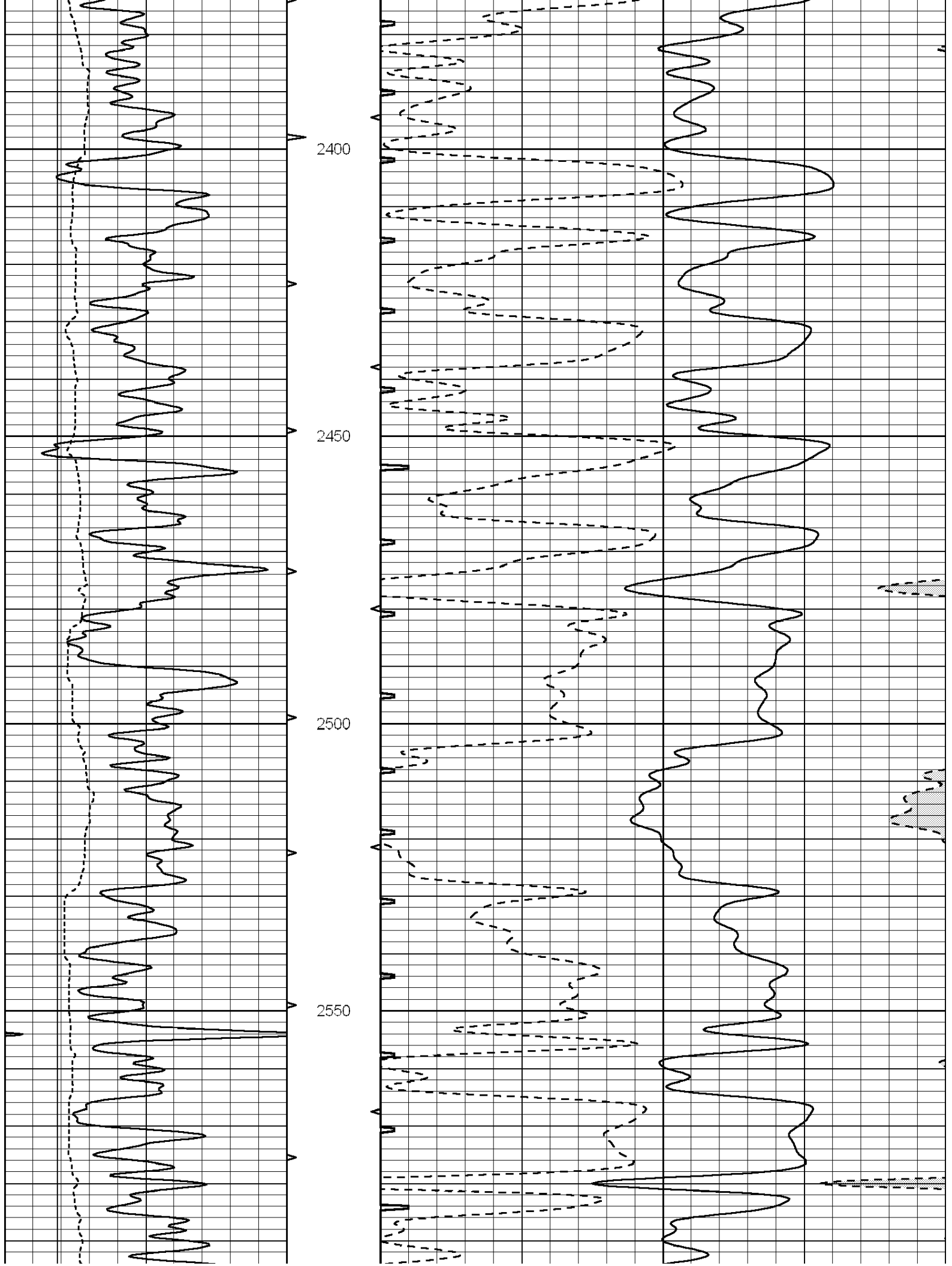
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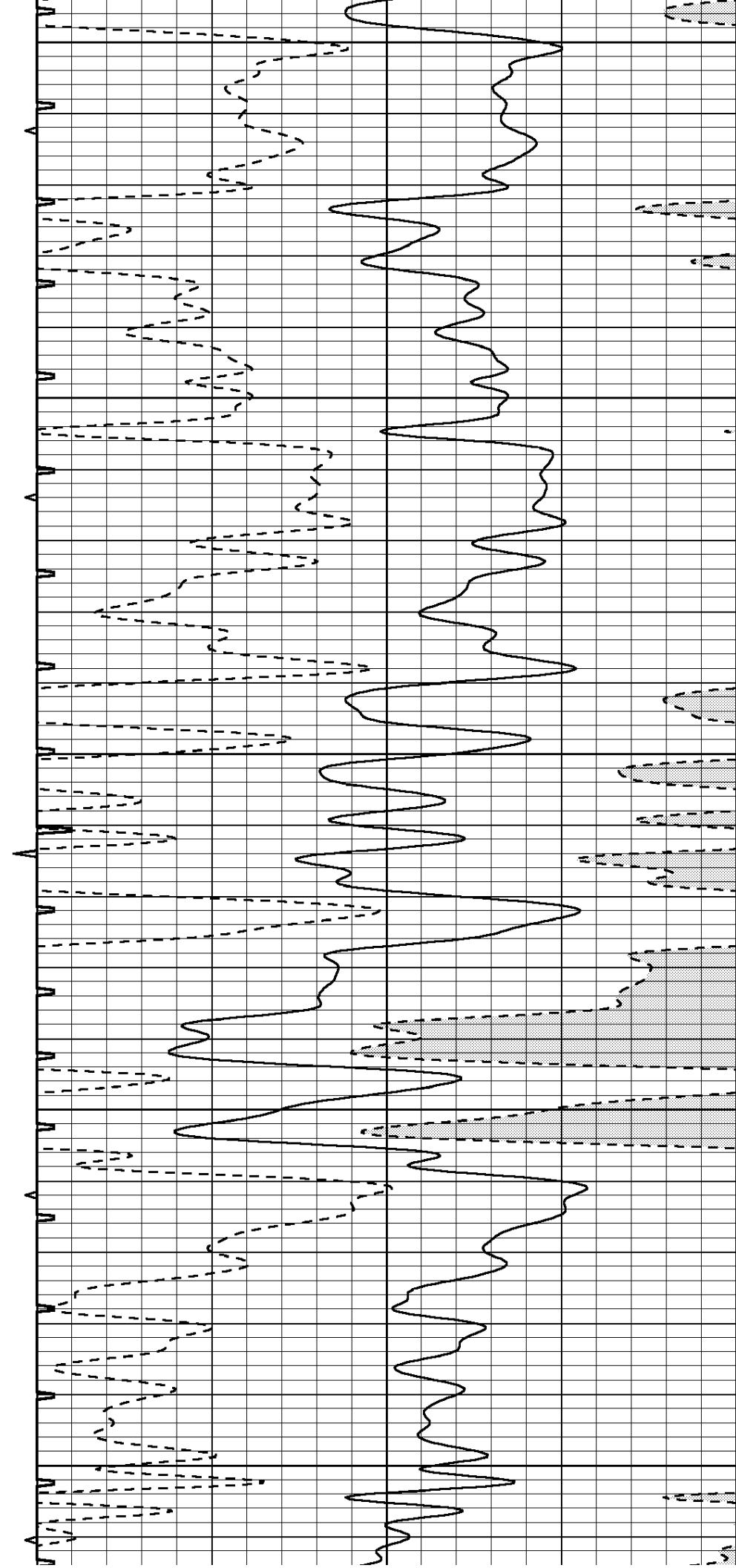
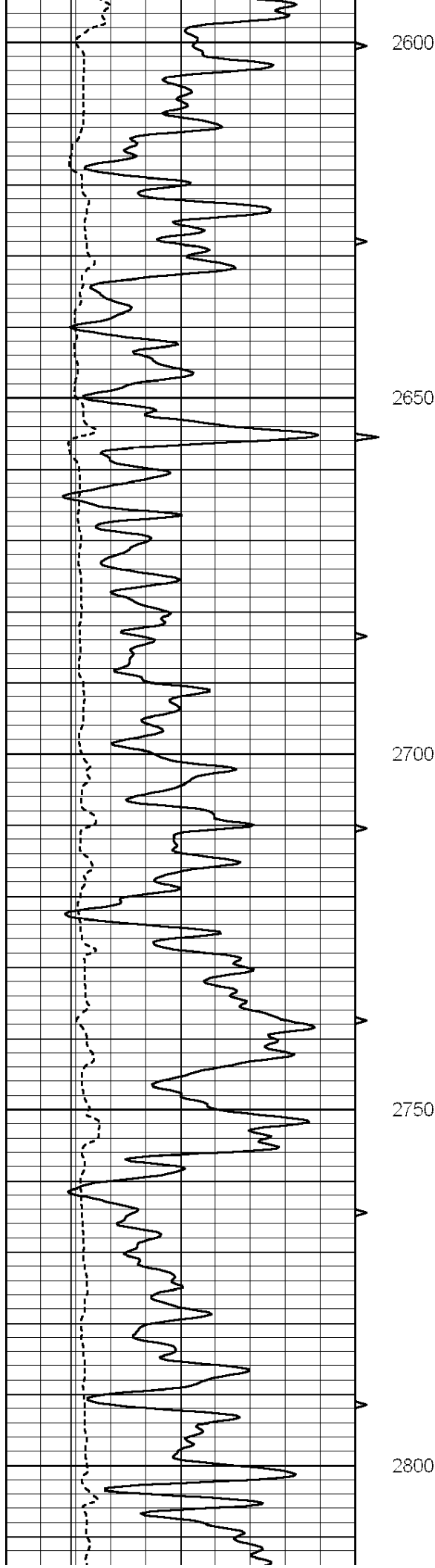
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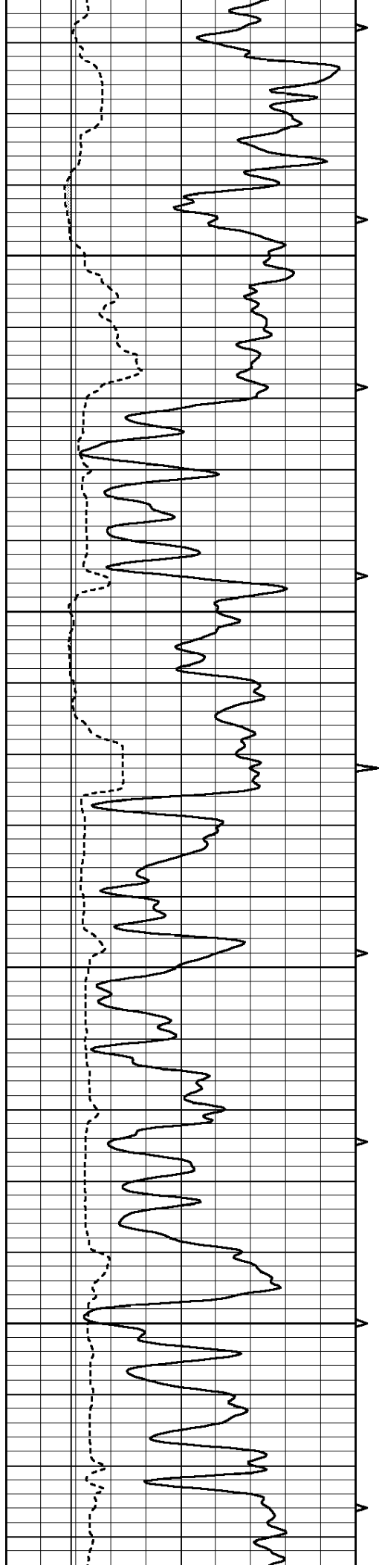
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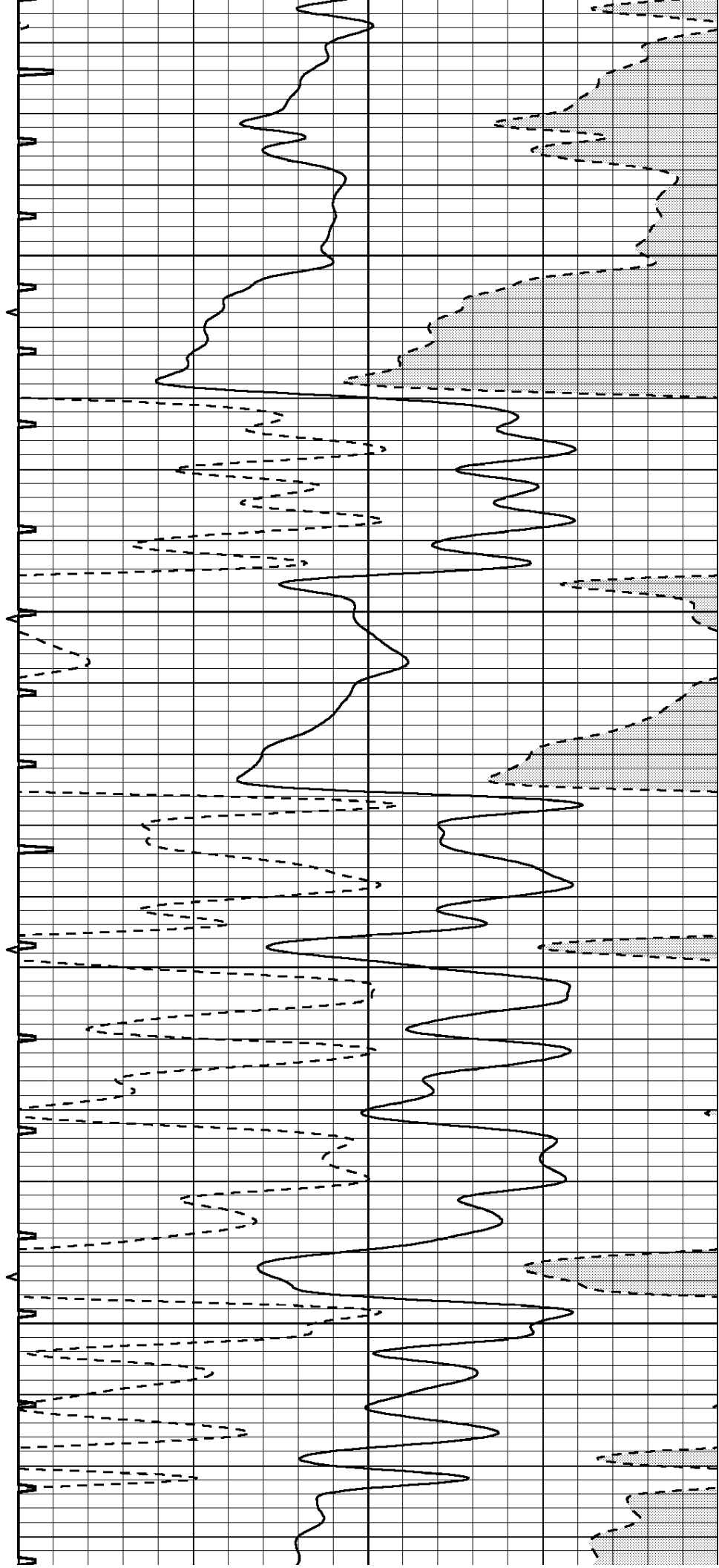


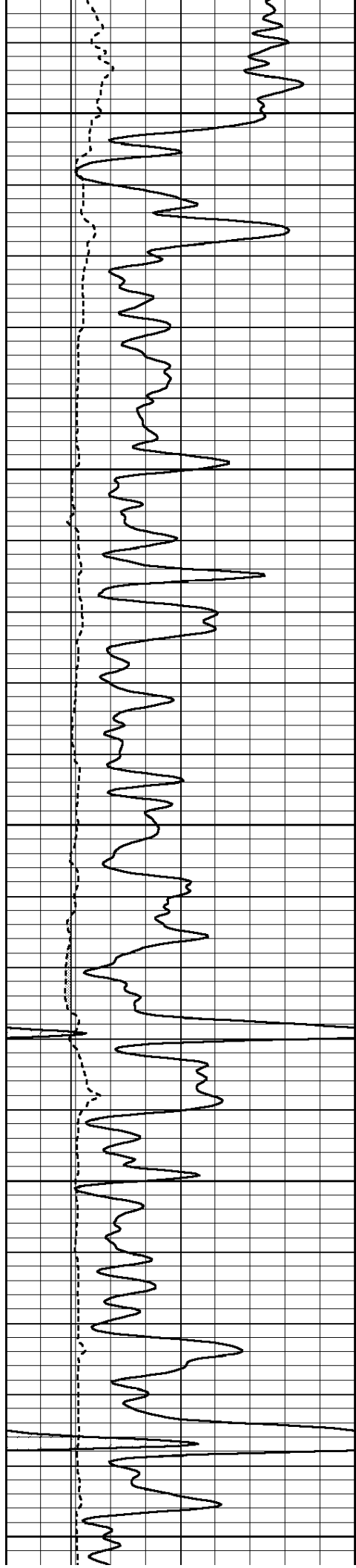
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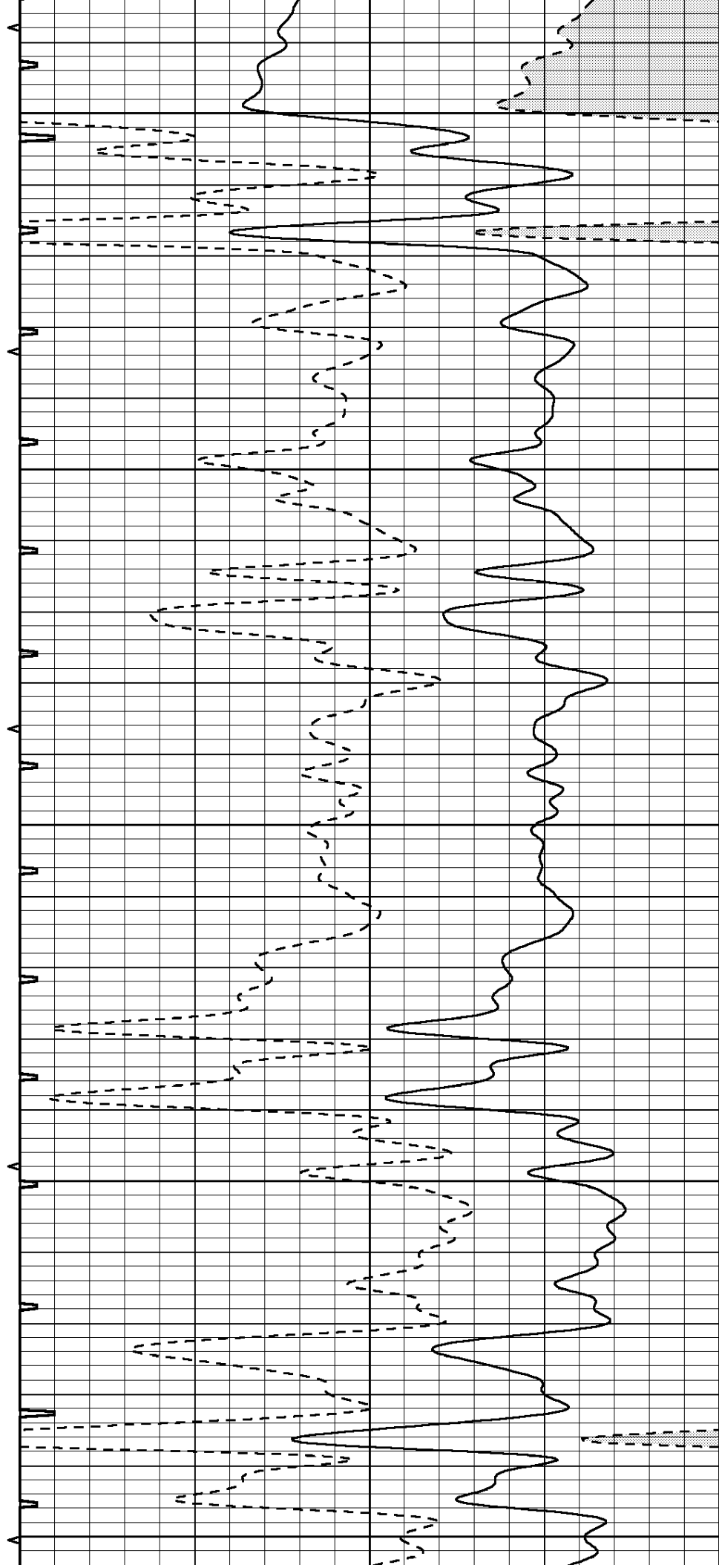
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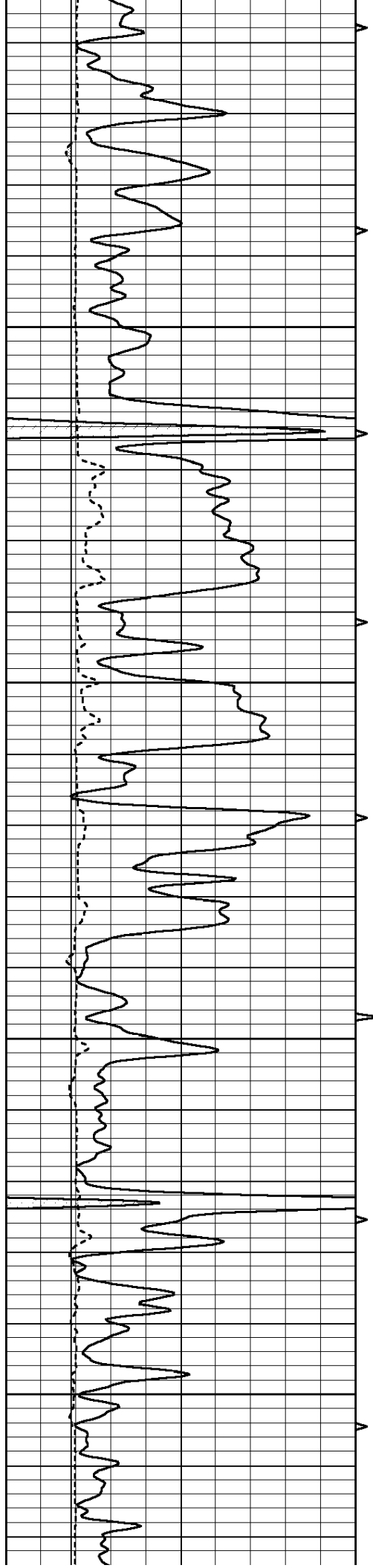
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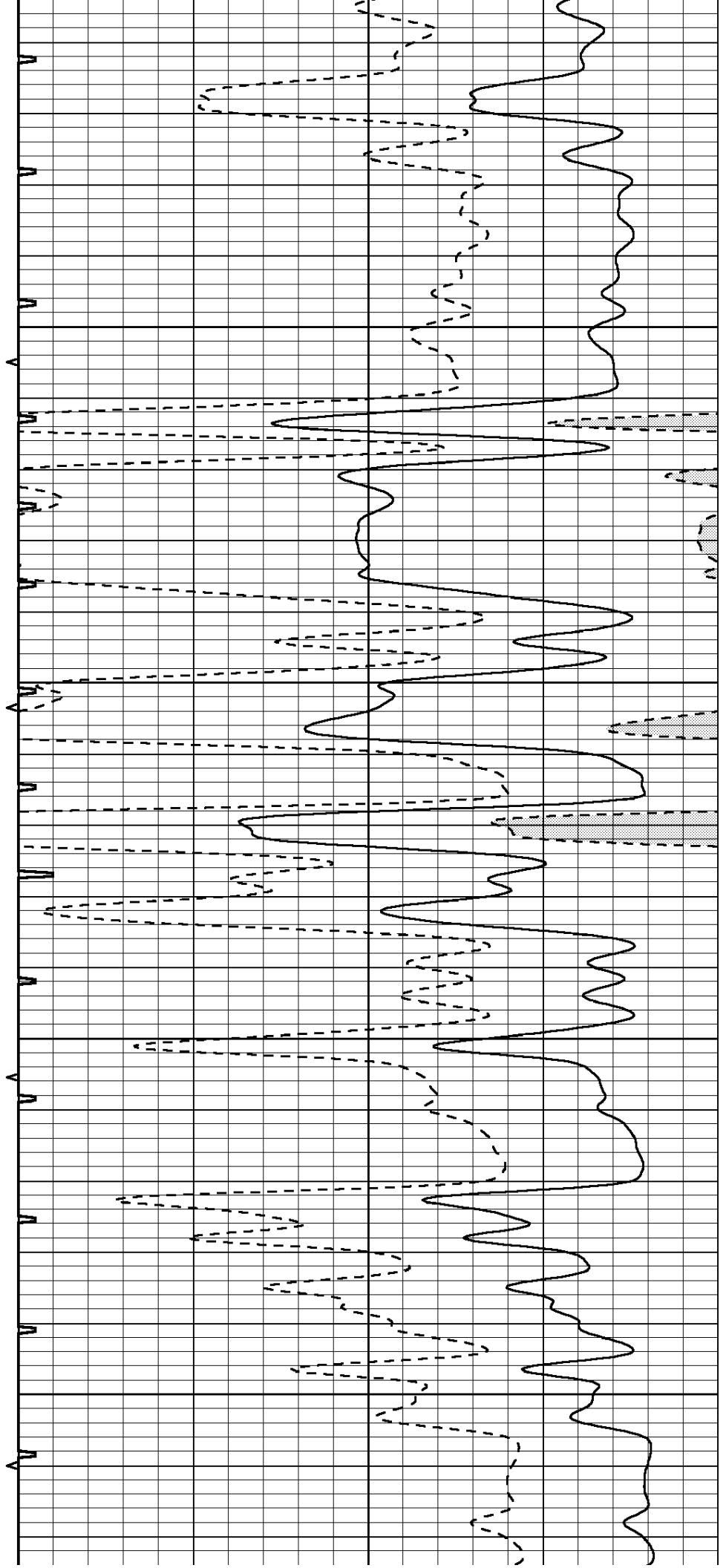


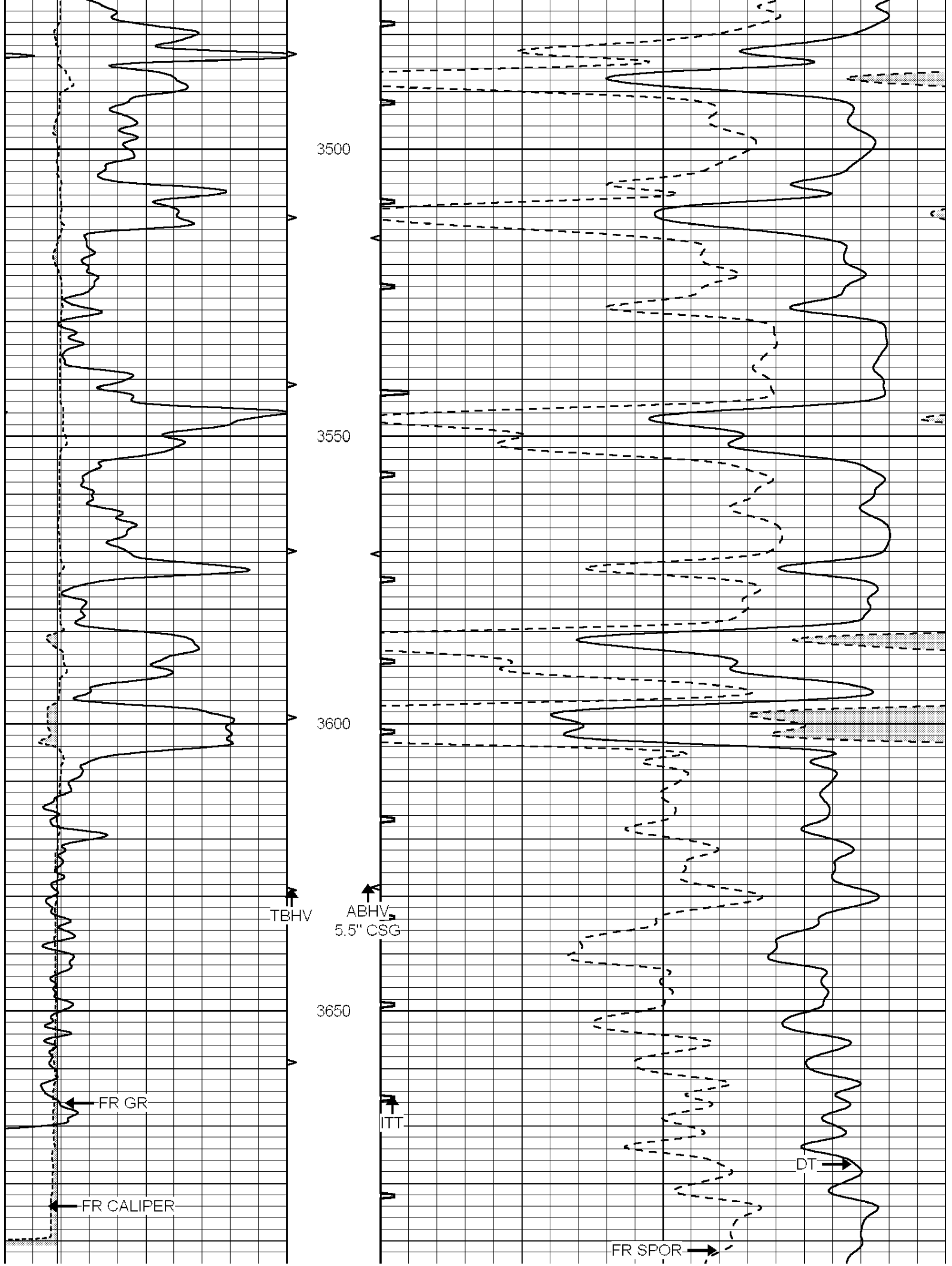
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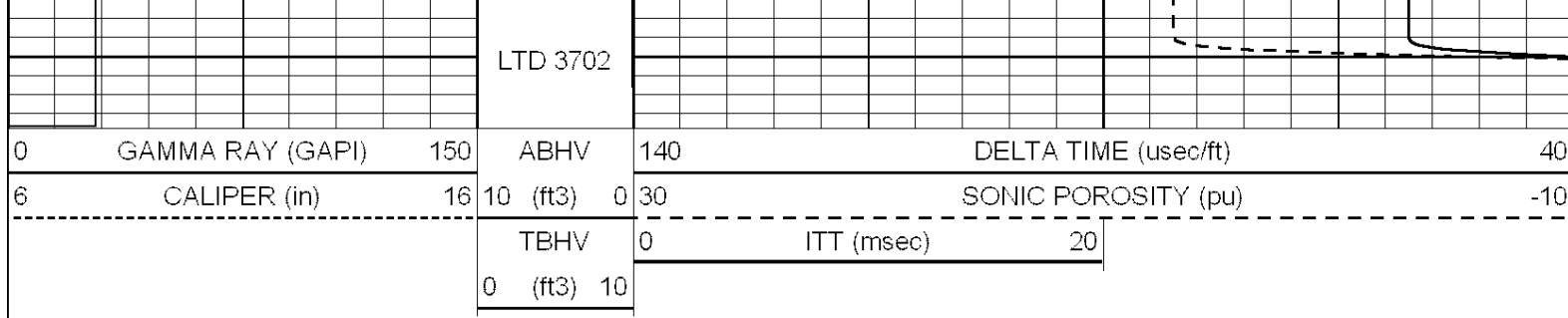
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REPEAT SECTION

Database File: 010948ddn.db
 Dataset Pathname: pass8.2
 Presentation Format: _slt
 Dataset Creation: Wed Oct 23 09:54:17 2013 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

