



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

SONIC LOG

Company	MAI OIL OPERATIONS, INC.	Company	MAI OIL OPERATIONS, INC.
Well	HAMMEKE "B" #6	Well	HAMMEKE "B" #6
Field	SYMS SOUTHEAST	Field	SYMS SOUTHEAST
County	STAFFORD	County	STAFFORD
State	KANSAS	State	KANSAS
Location:	API # : 15-185-23927-0000 545' FSL & 2040' FEL NE - SW - SW - SE	Other Services CDL/CNL DIL/MEL	
Permanent Datum	GROUND LEVEL	Elevation	1850
Log Measured From	KELLY BUSHING 8' A.G.L.		
Drilling Measured From	KELLY BUSHING		
SEC 21 TWP 21S RGE 12W			
Date	3/2/15		
Run Number	TWO		
Depth Driller	3700		
Depth Logger	3698		
Bottom Logged Interval	3690		
Top Log Interval	600		
Casing Driller	8 5/8"@647'		
Casing Logger	649		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 5,700 PPM	
Density / Viscosity	9.3/51		
pH / Fluid Loss	11.5/8.0		
Source of Sample	FLOWLINE		
Rin @ Meas. Temp	.900@65F		
Rinf @ Meas. Temp	.675@65F		
Rinc @ Meas. Temp	1.08@65F		
Source of Rinf / Rinc	MEASUREMENT		
Rin @ BHT	.518@113F		
Time Circulation Stopped	3.5 HOURS		
Time Logger on Bottom	10:15 P.M.		
Maximum Recorded Temperature	113F		
Equipment Number	4854		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	WYATT URBAN		

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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" HAYS, KANSAS (785) 628-6395
DIRECTIONS
ELLINWOOD, KS., S. ON BLKTOP TO "180TH RD.", 3W. TO "RD. 60", 3/4S., W. INTO

Database File:

26503ddn.db

Dataset Pathname:

pass6.3

Presentation Format:

slt

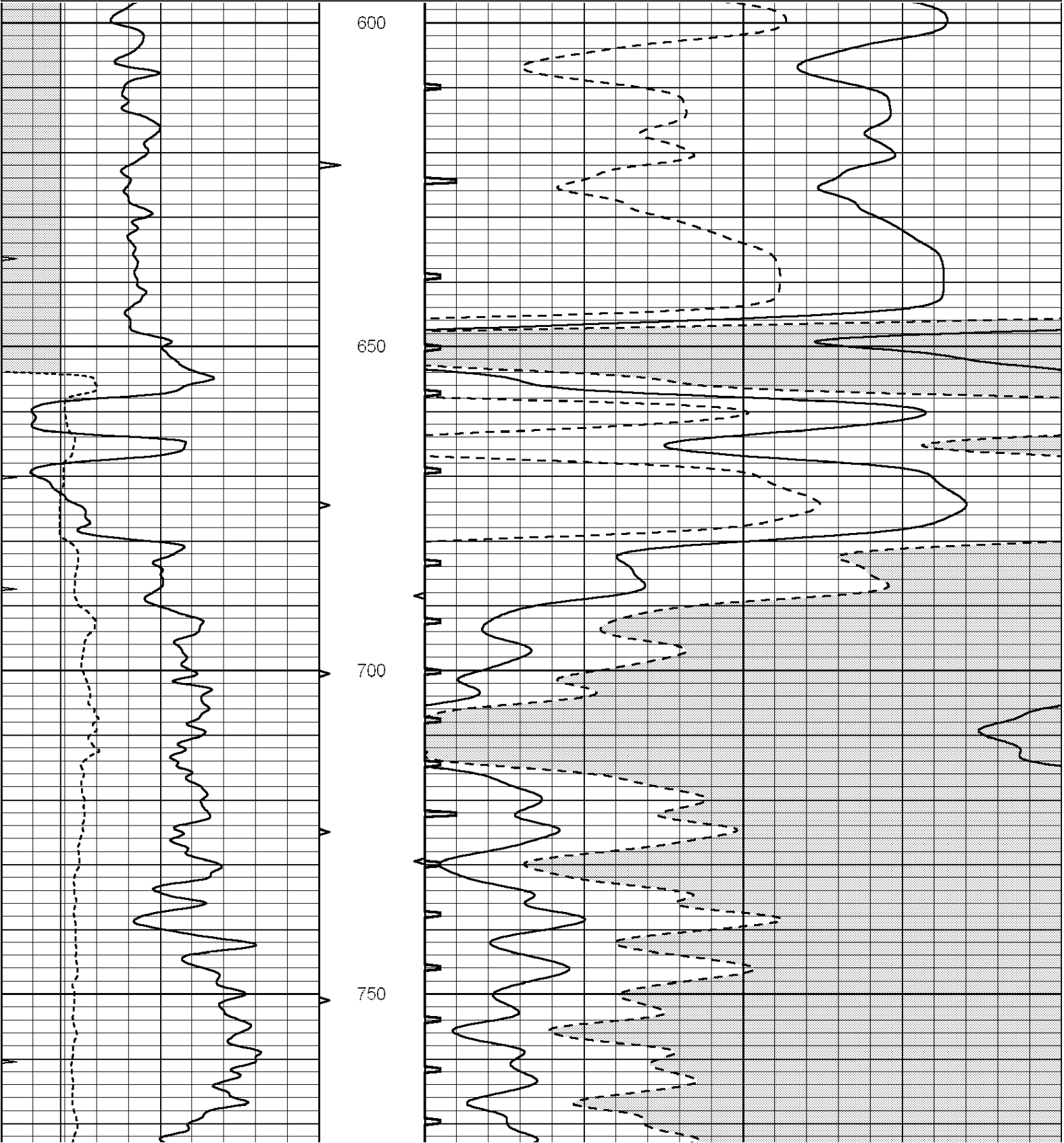
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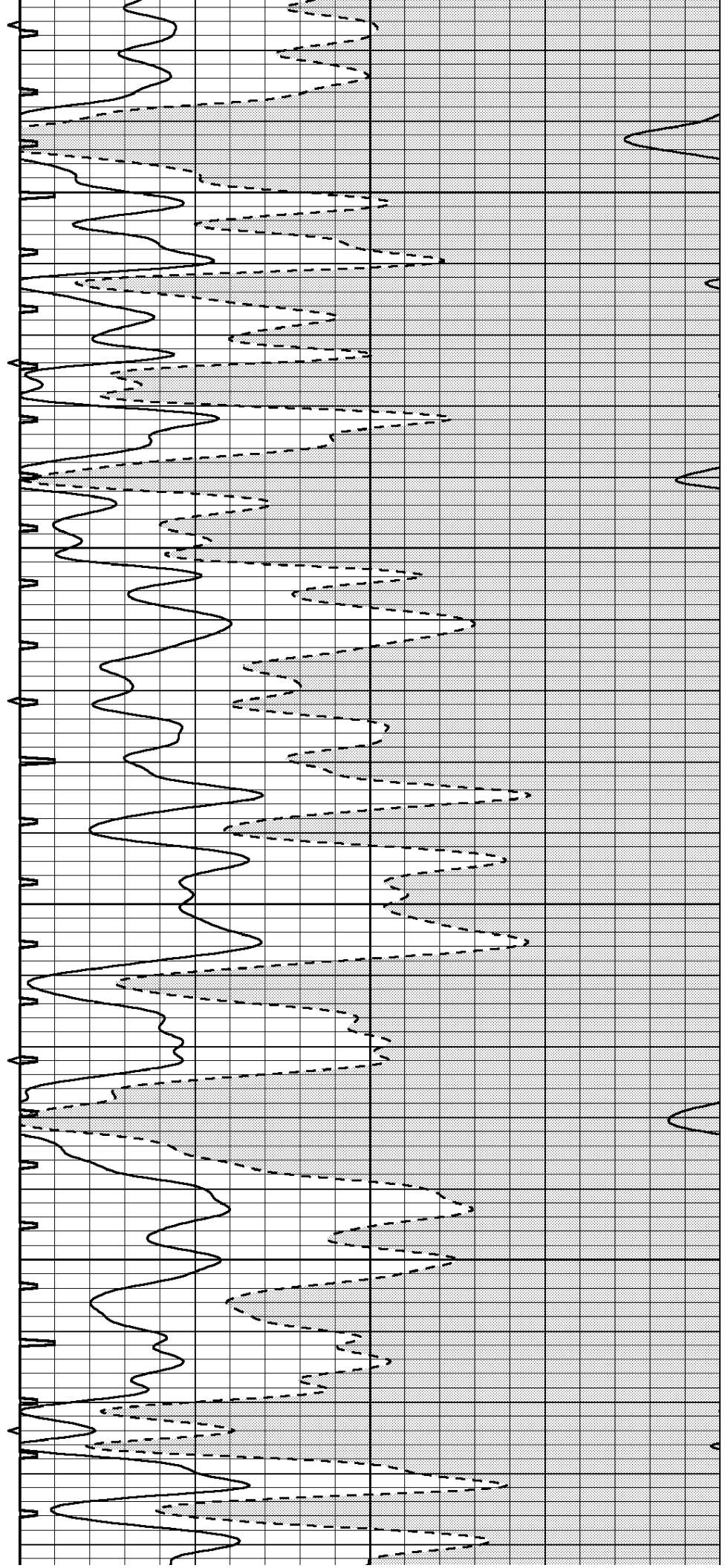
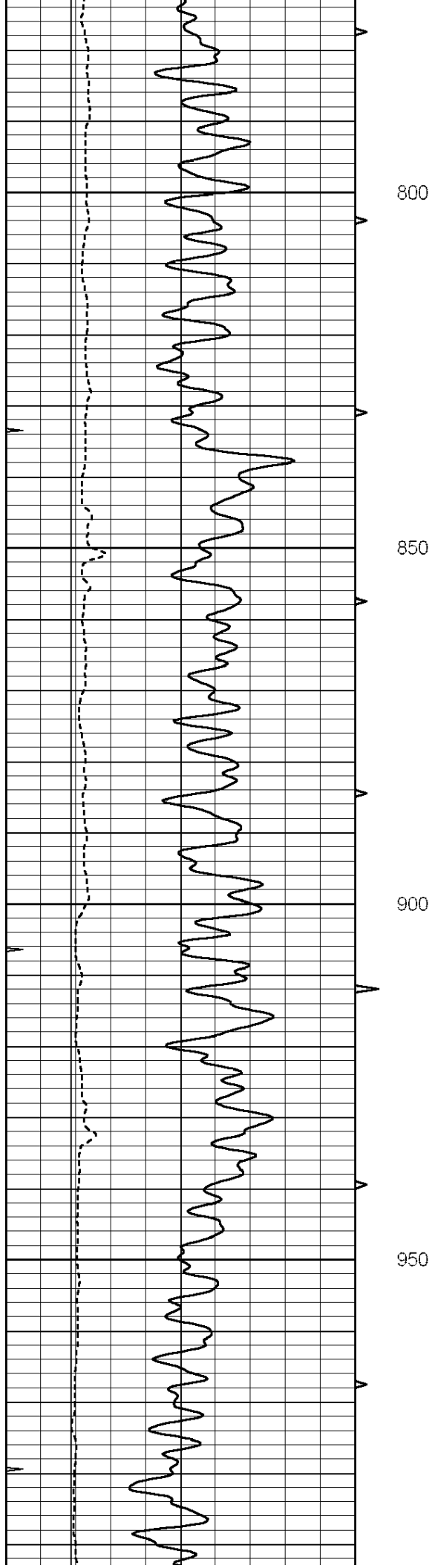
Tue Mar 03 01:25:43 2015 by Calc SOC 120430

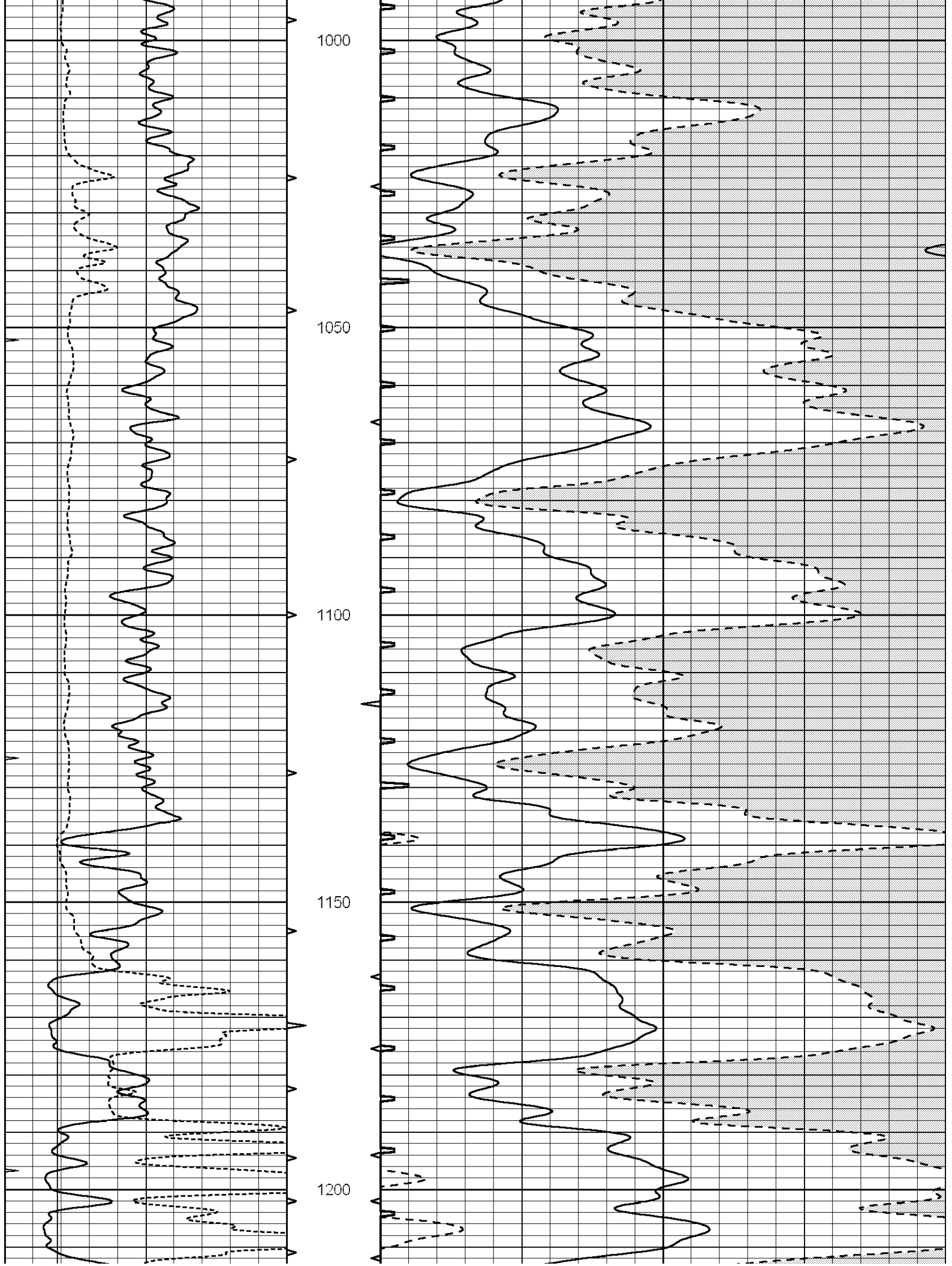
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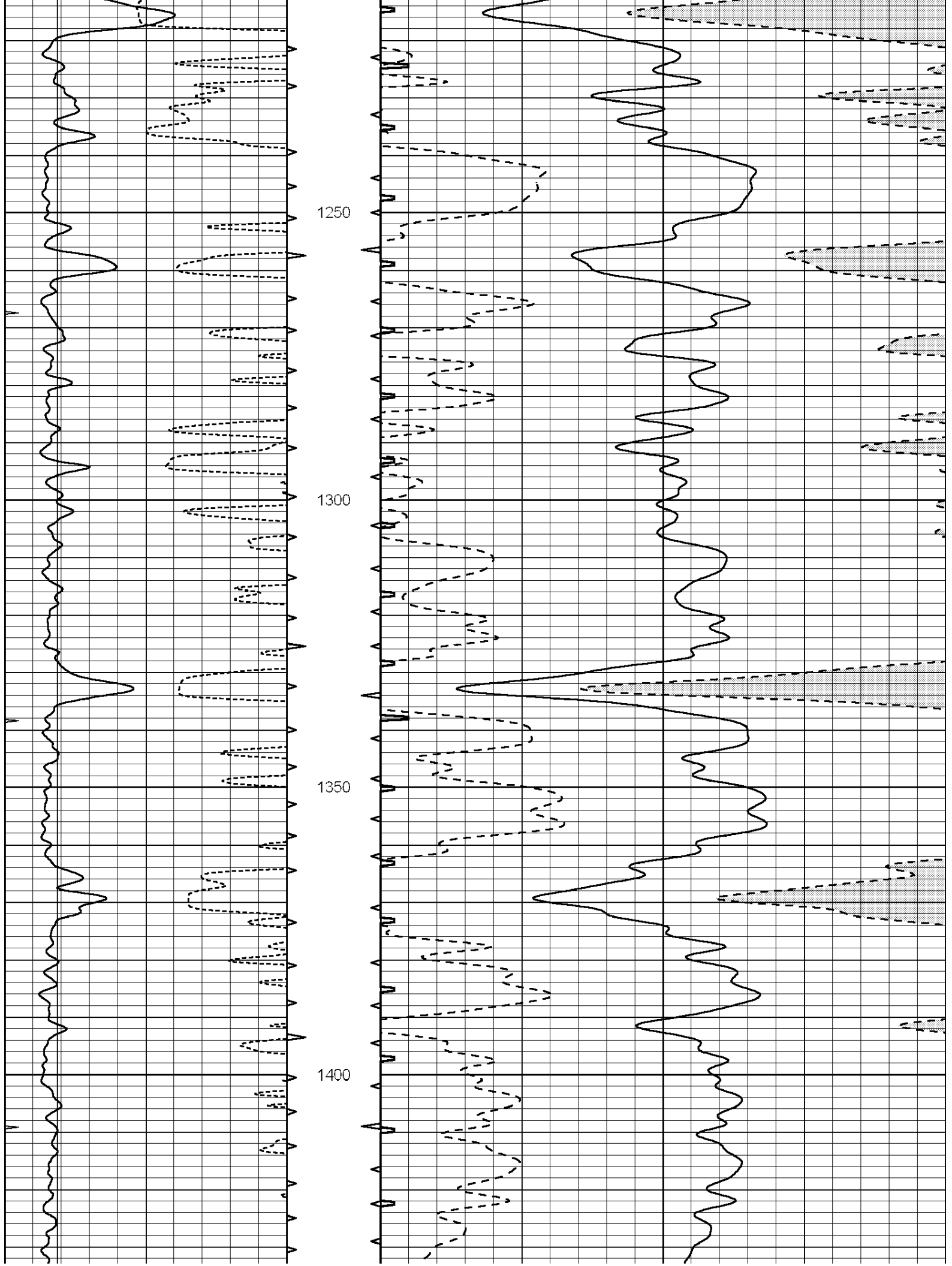
Depth in Feet scaled 1:240

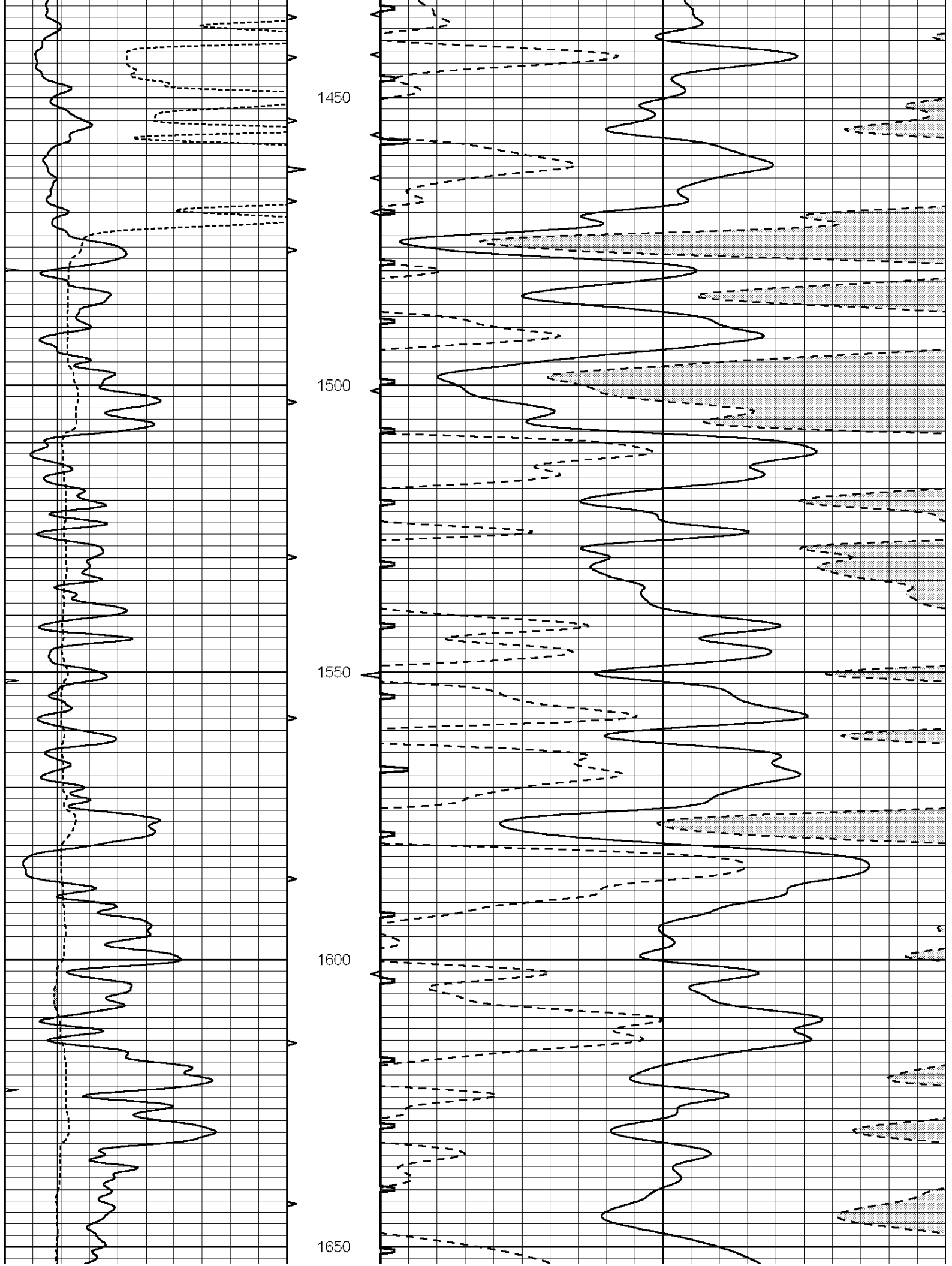
0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	40
6	CALIPER (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu)	-10
0	MINMK	20	TBHV	0	ITT (msec)	20
			0 (ft3) 10			

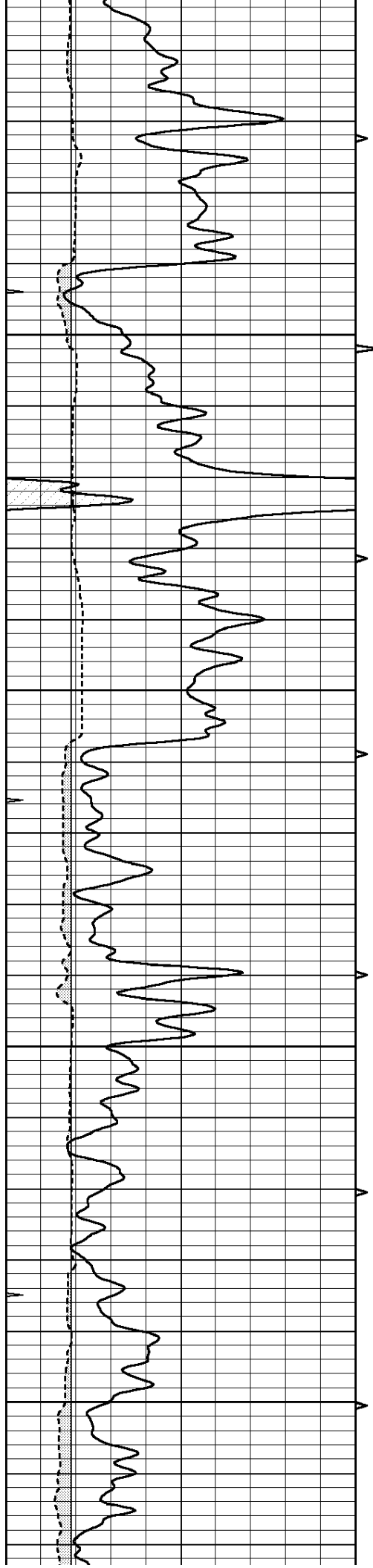










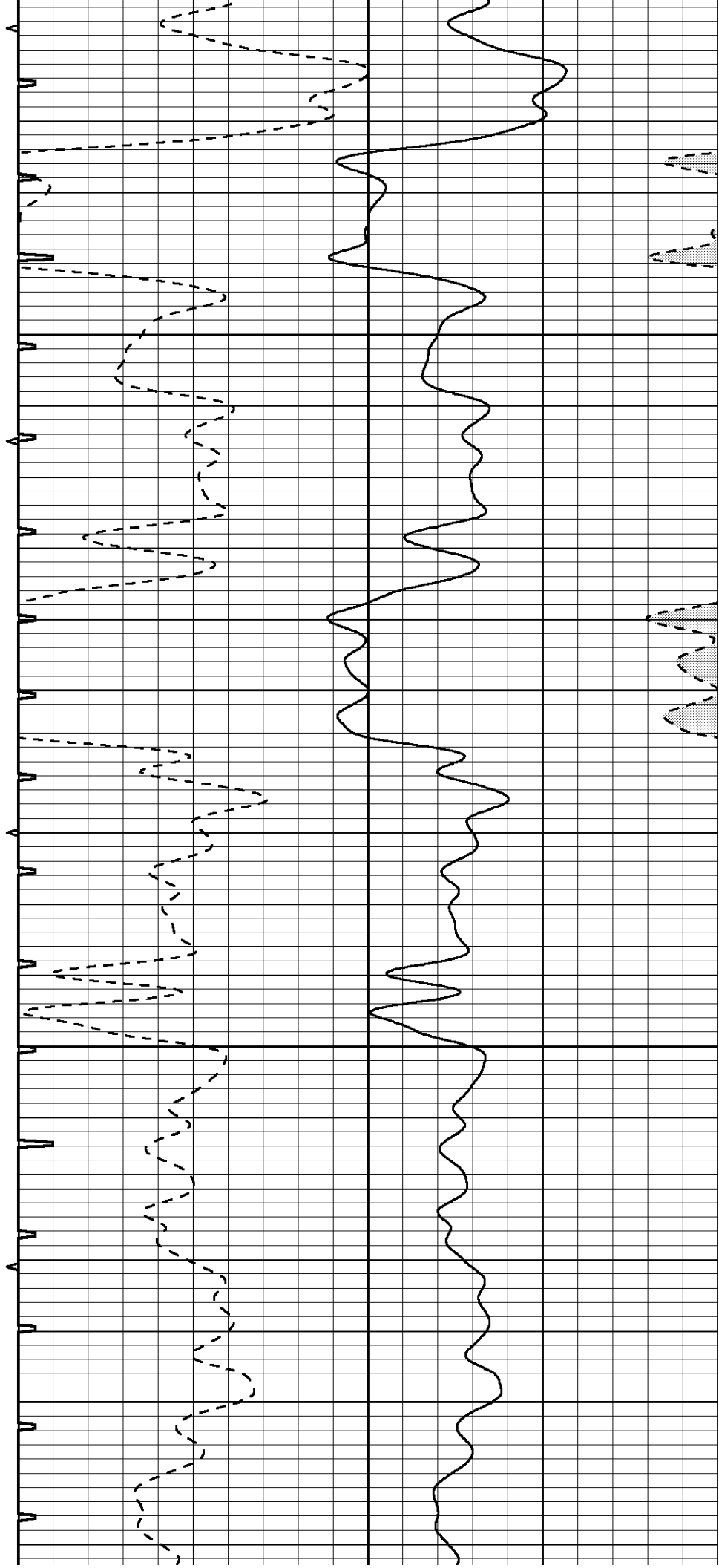


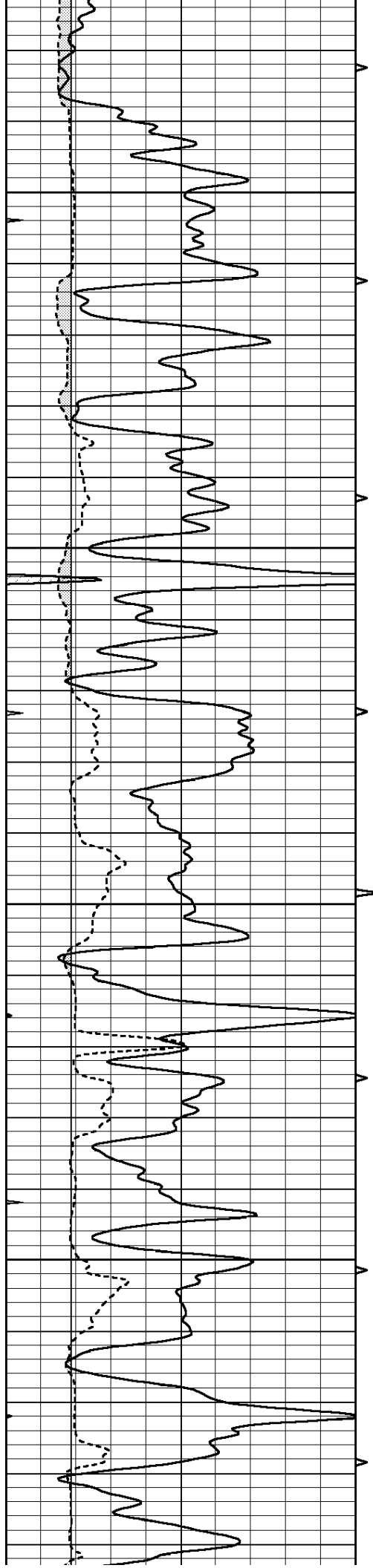
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1750

1800

1850



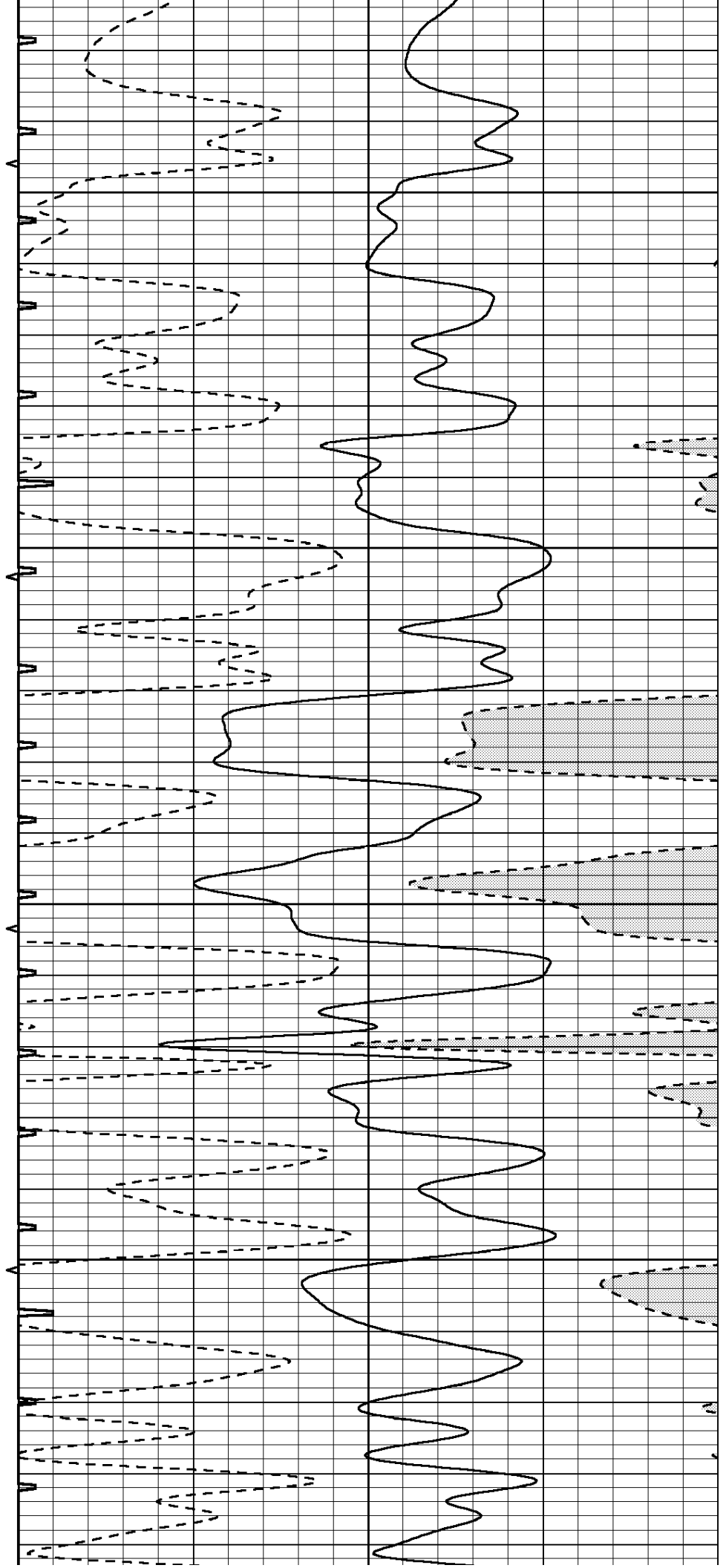


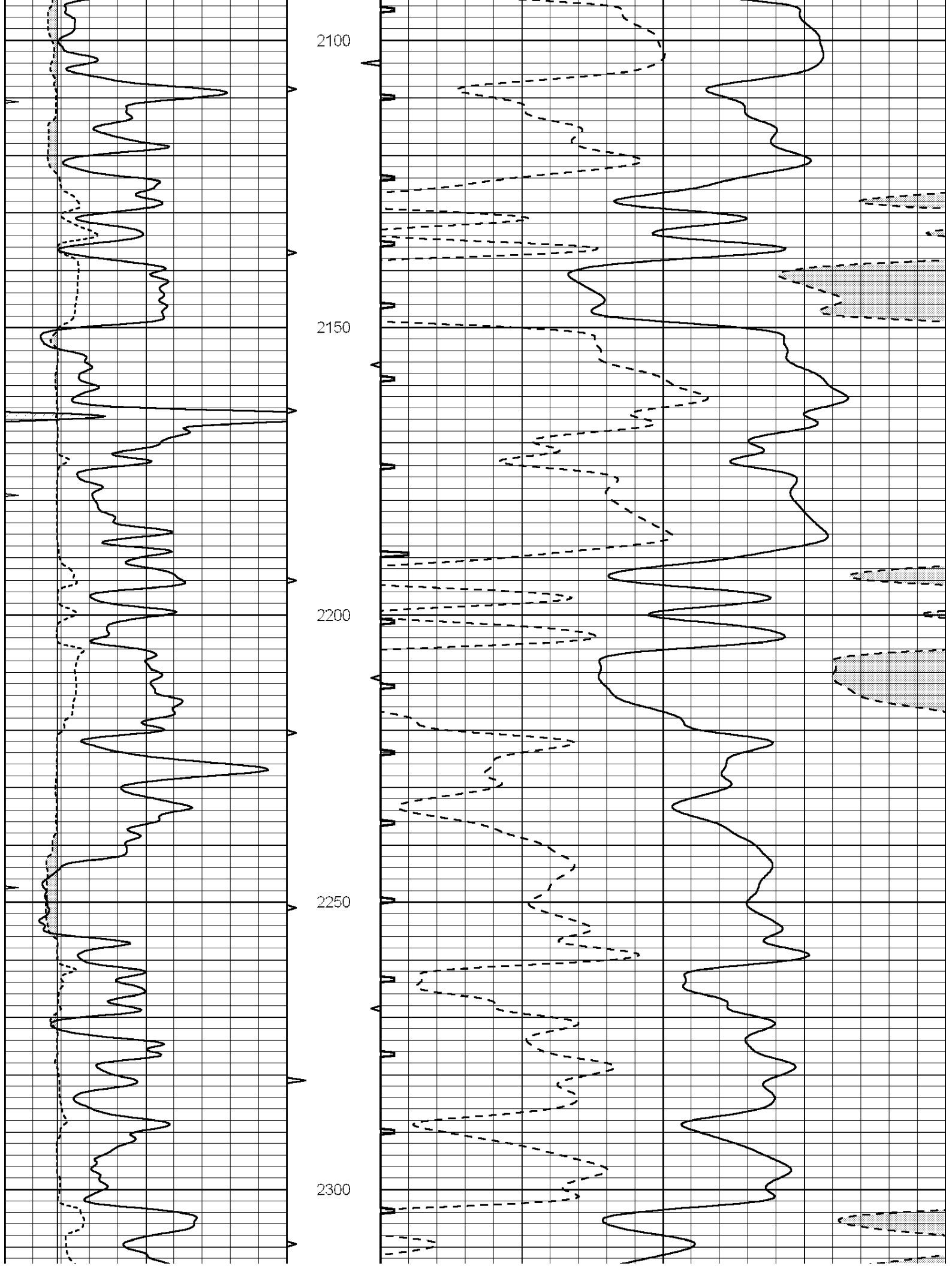
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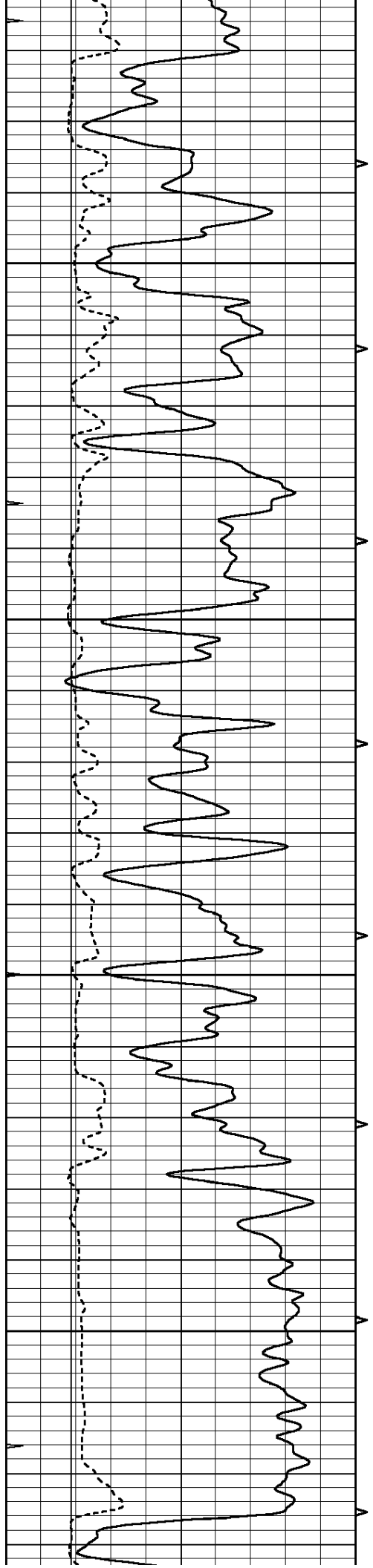
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2050





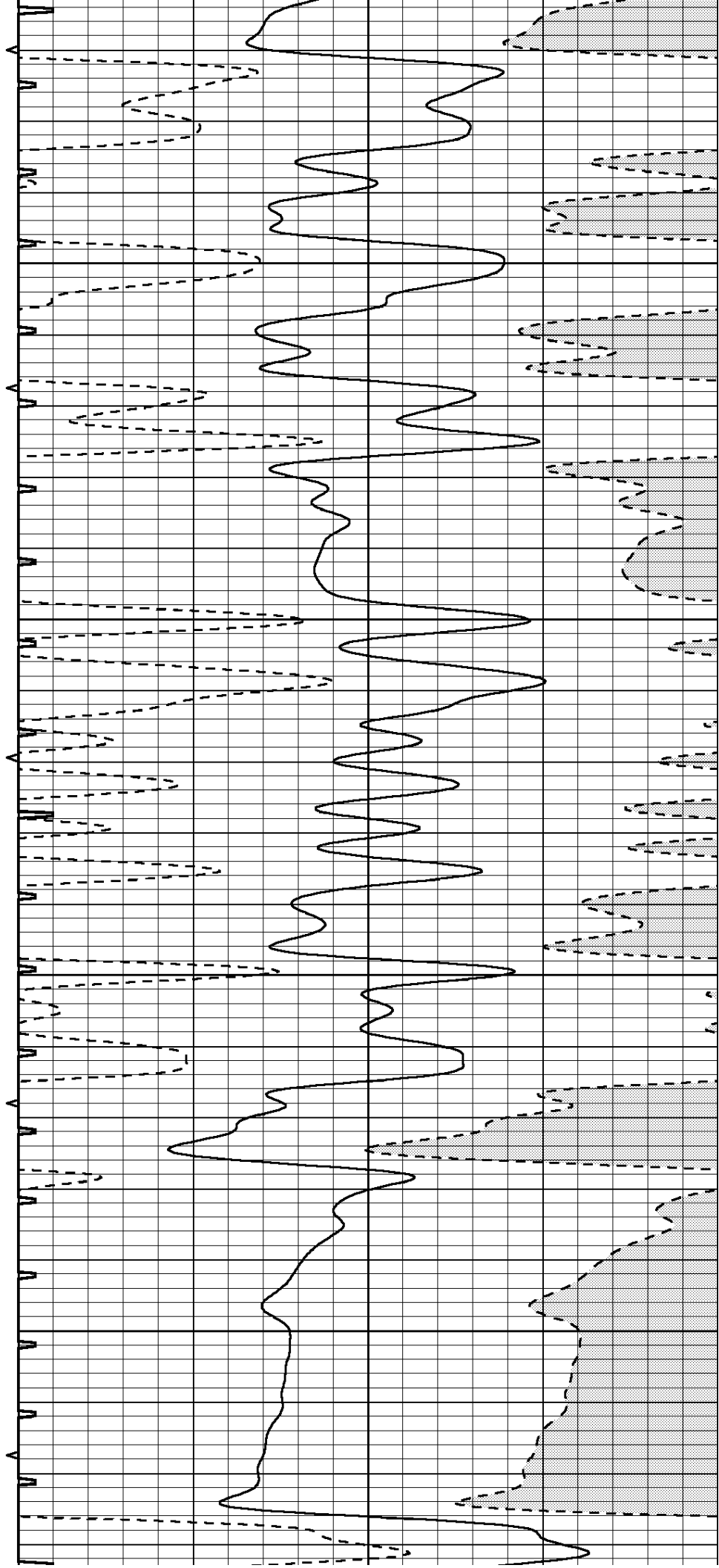


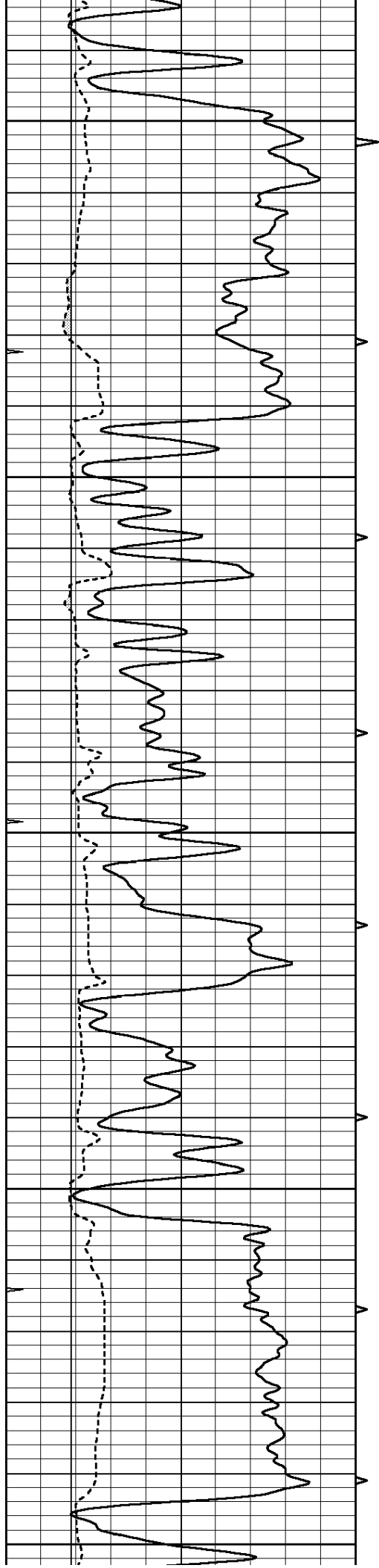
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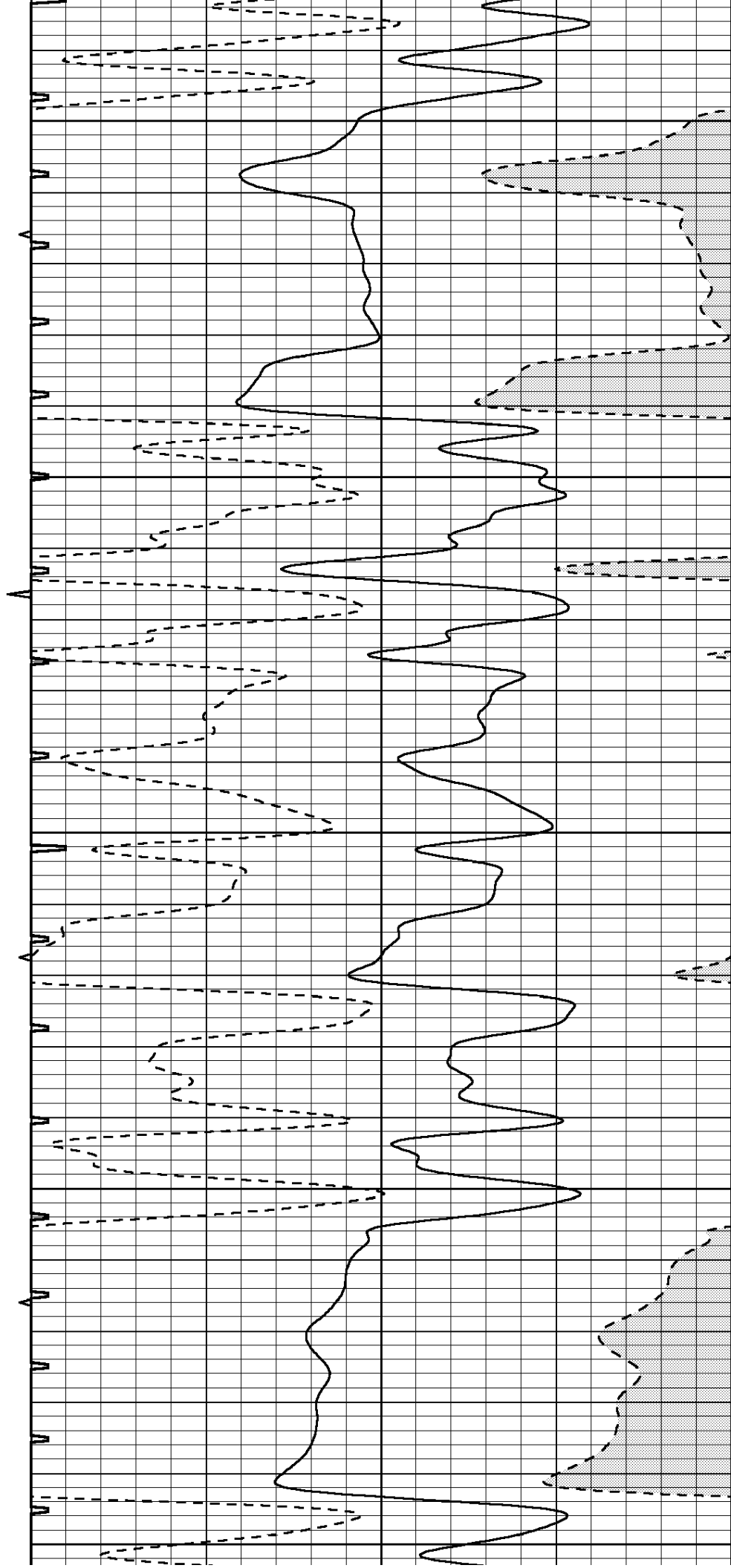
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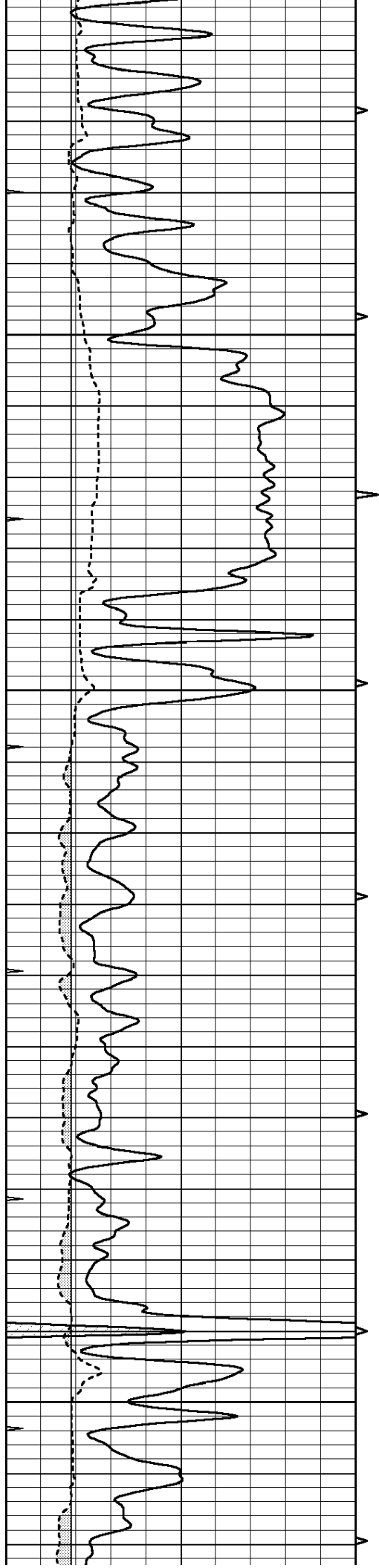
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2650

2700

2750



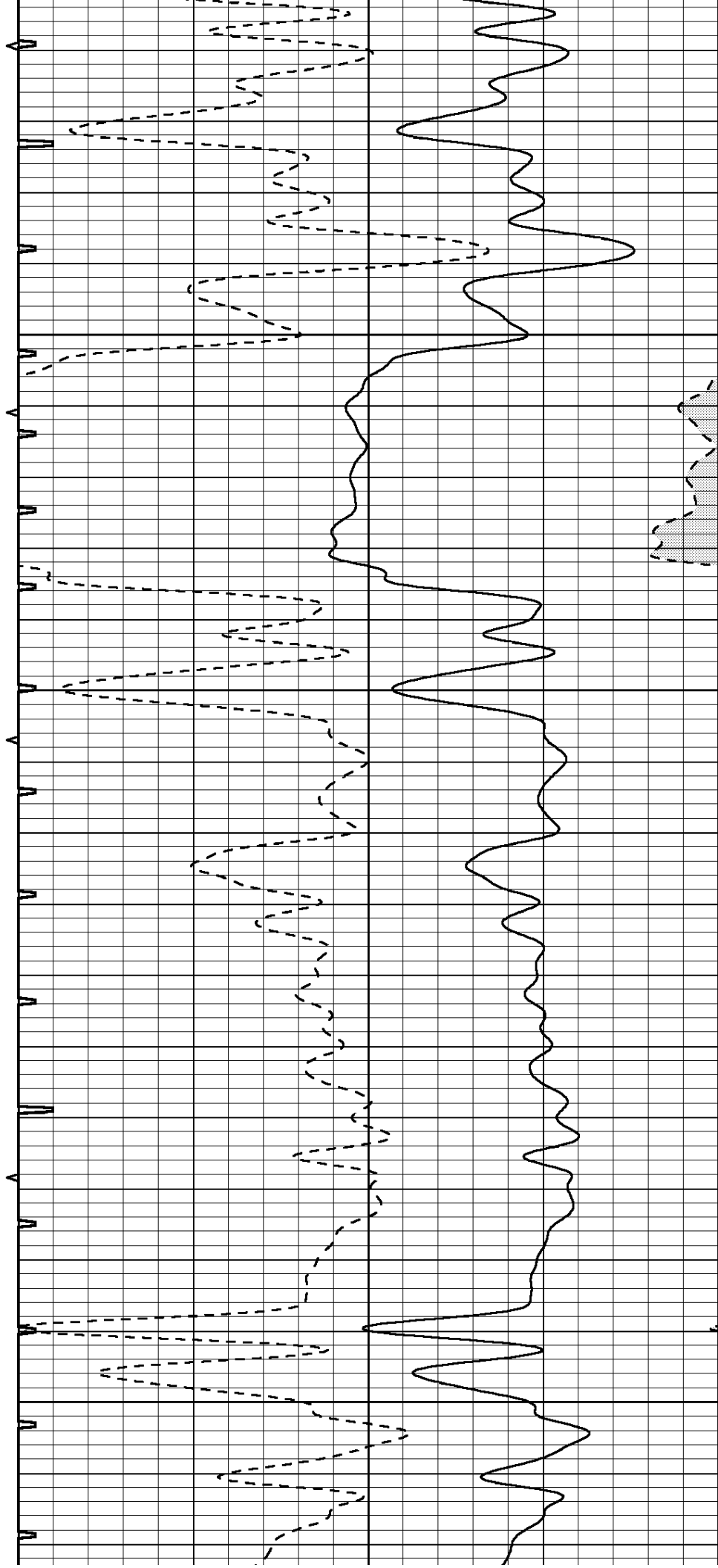


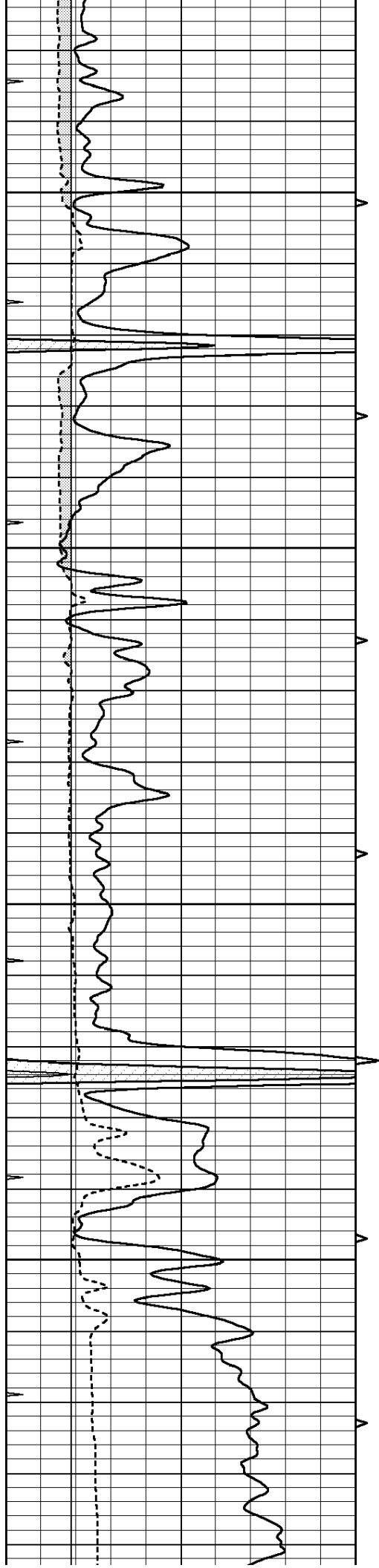
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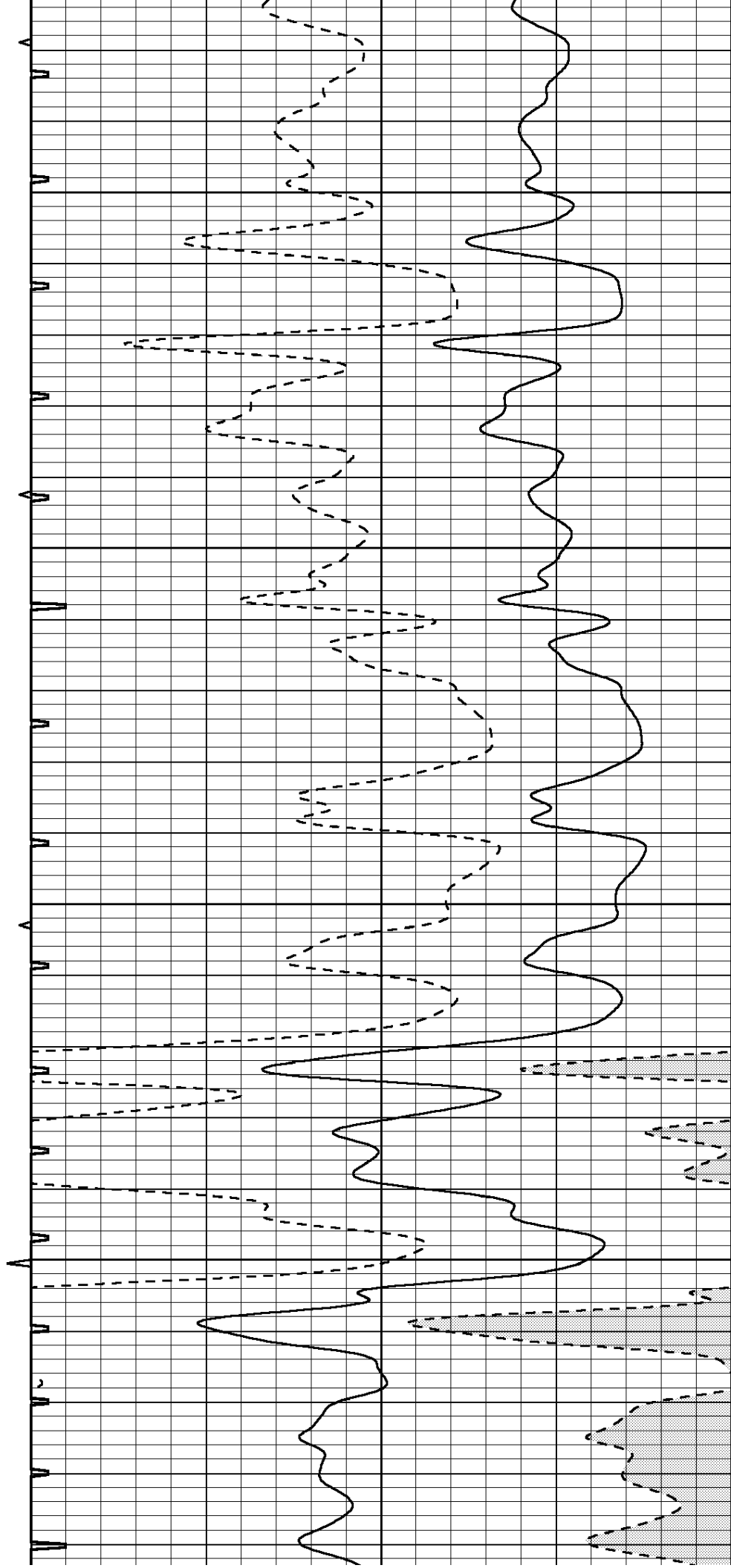


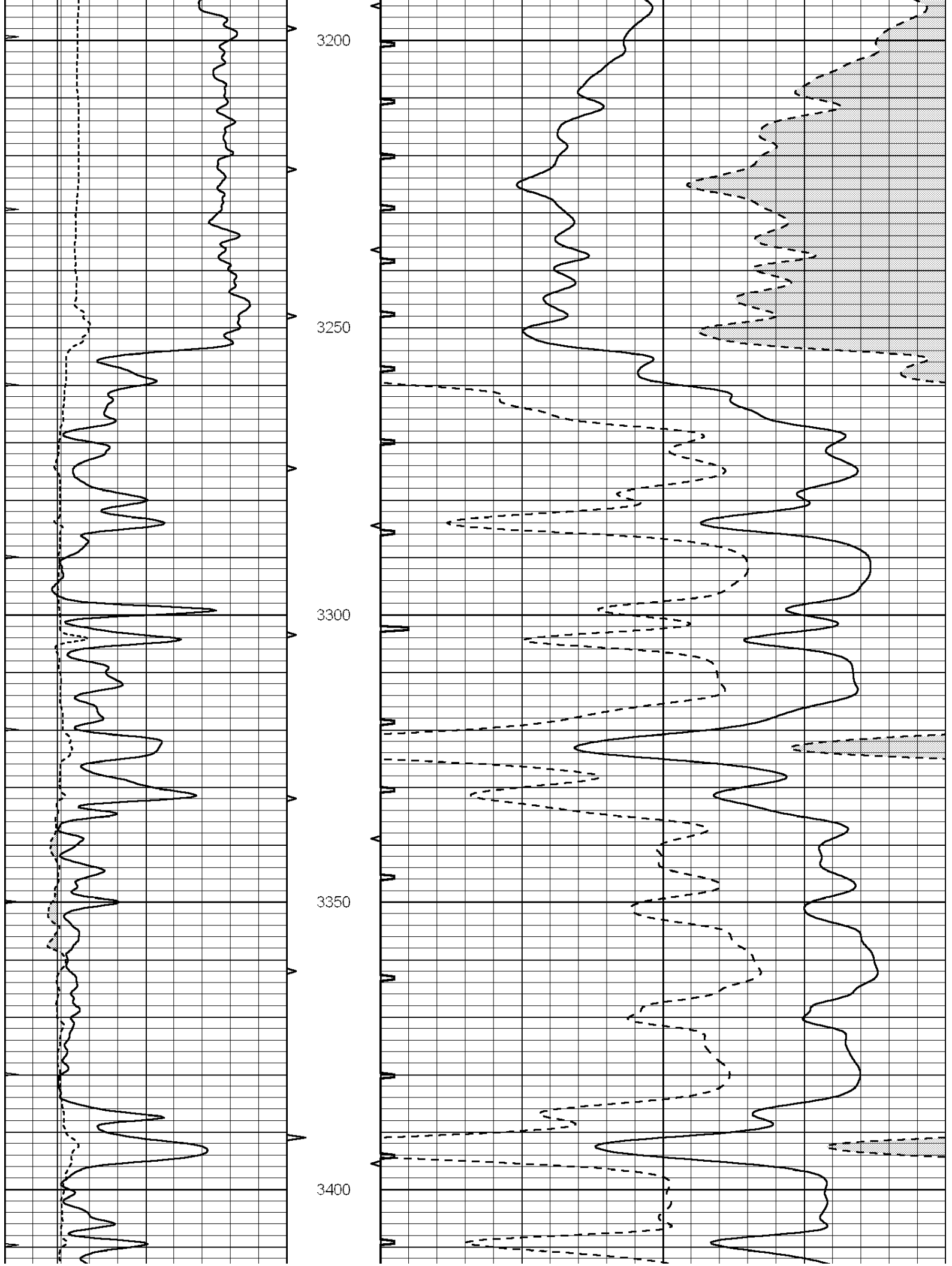
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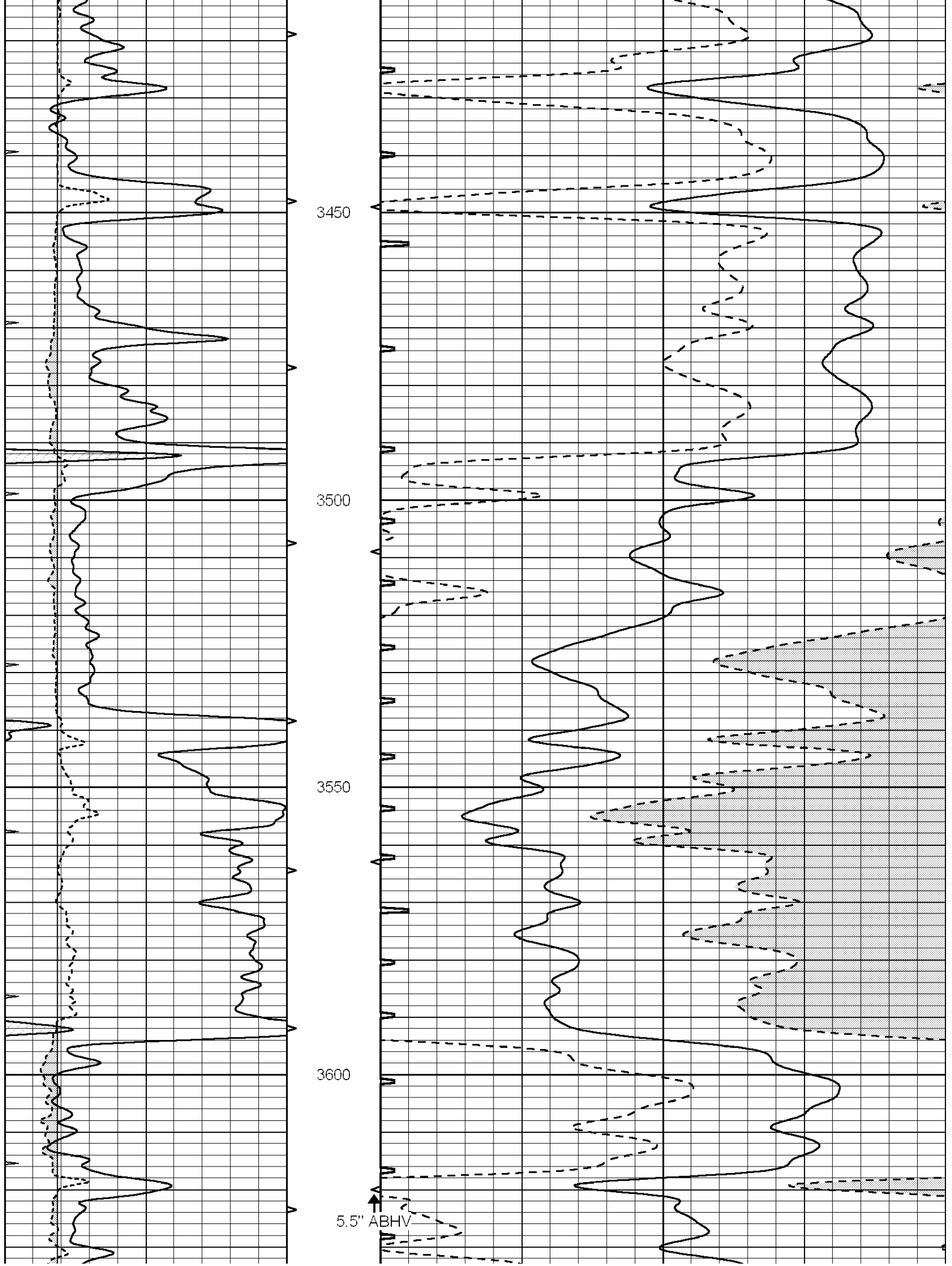
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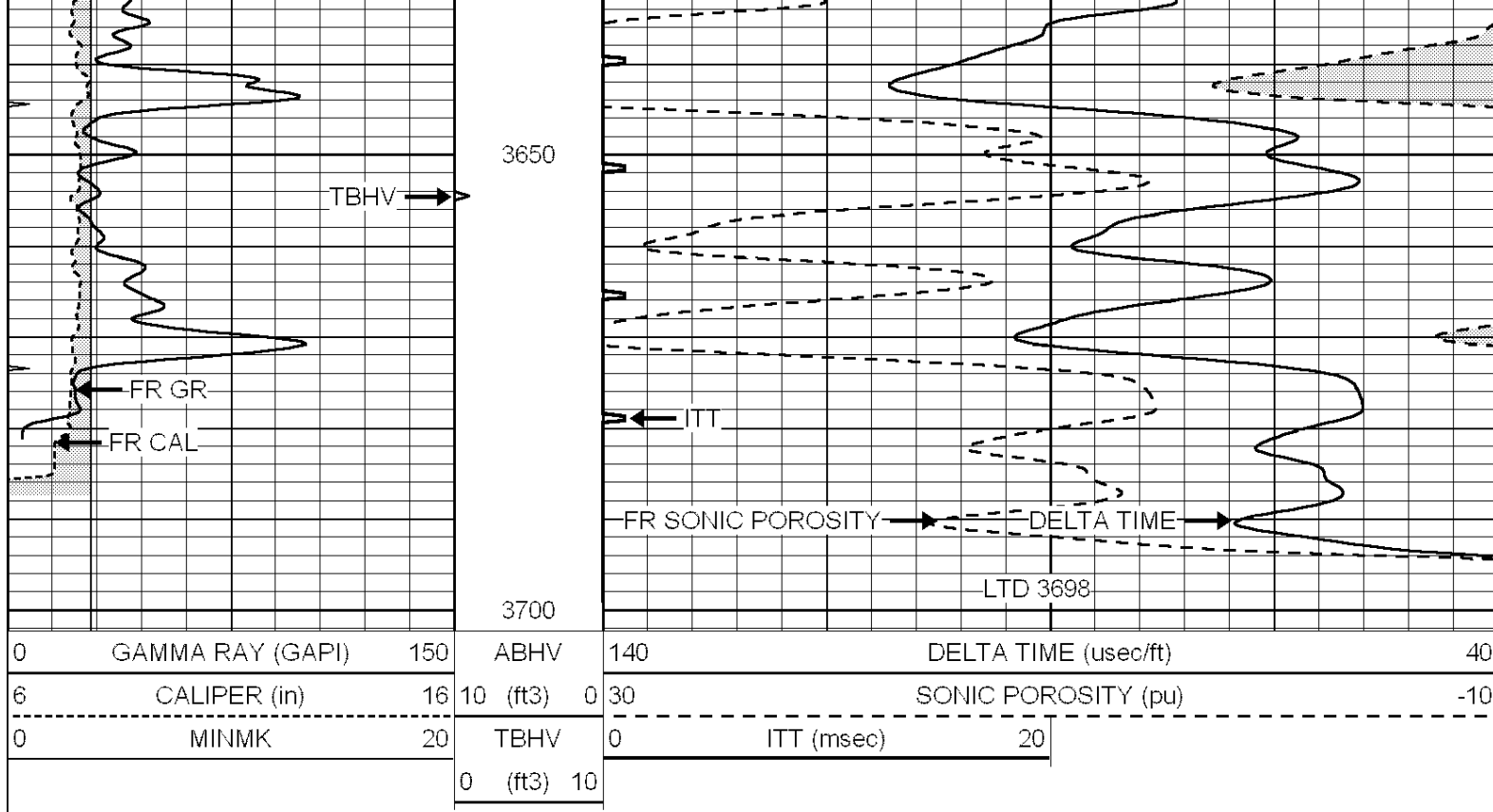
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REPEAT SECTION

Database File: 26503ddn.db
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 Presentation Format: slt
 Dataset Creation: Tue Mar 03 00:20:58 2015 by Calc SOC 120430
 Charted by: Depth in Feet scaled 1:240

