



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**SONIC
LOG**

Company	PHILLIPS EXPLORATION CO. L.C.	Company	PHILLIPS EXPLORATION COMPANY, L.C.
Well	PURINTON-WERTH UNIT #1-6	Well	PURINTON-WERTH UNIT #1-6
Field	WILDCAT	Field	WILDCAT
County	TREGO	County	TREGO
State	KANSAS	State	KANSAS
Location:	API # : 15-195-22993-0000	Other Services CDL/CNL DIL/MEL	
Permanent Datum	GROUND LEVEL	Elevation	2426
Log Measured From	50' FSL & 1300' FEL SW - SW - SE - SE		
Drilling Measured From	SEC 6 TWP 14S RGE 25W KELLY BUSHING		
Date	8/7/15		
Run Number	TWO		
Depth Driller	4400		
Depth Logger	4400		
Bottom Logged Interval	4392		
Top Log Interval	200		
Casing Driller	8 5/8"@215'		
Casing Logger	215		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 4,300 PPM	
Density / Viscosity	9.0/63		
pH / Fluid Loss	10.5/7.8		
Source of Sample	FLOWLINE		
Rin @ Meas. Temp	.600@90F		
Rinf @ Meas. Temp	.450@90F		
Rinc @ Meas. Temp	.720@90F		
Source of Rinf / Rinc	MEASUREMENT		
Rin @ BHT	.450@120F		
Time Circulation Stopped	4.5 HOURS		
Time Logger on Bottom	8:00 P.M.		
Maximum Recorded Temperature	120F		
Equipment Number	4854		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	PAT DEENIHAN		

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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
COLLYER, KS. & I-70 EXIT, 9S. TO "RD. Q", 2W., 2 1/2S., 3/4 E. INTO

Database File:

26631ddn.db

Dataset Pathname:

pass6.2

Presentation Format:

slt

Dataset Creation:

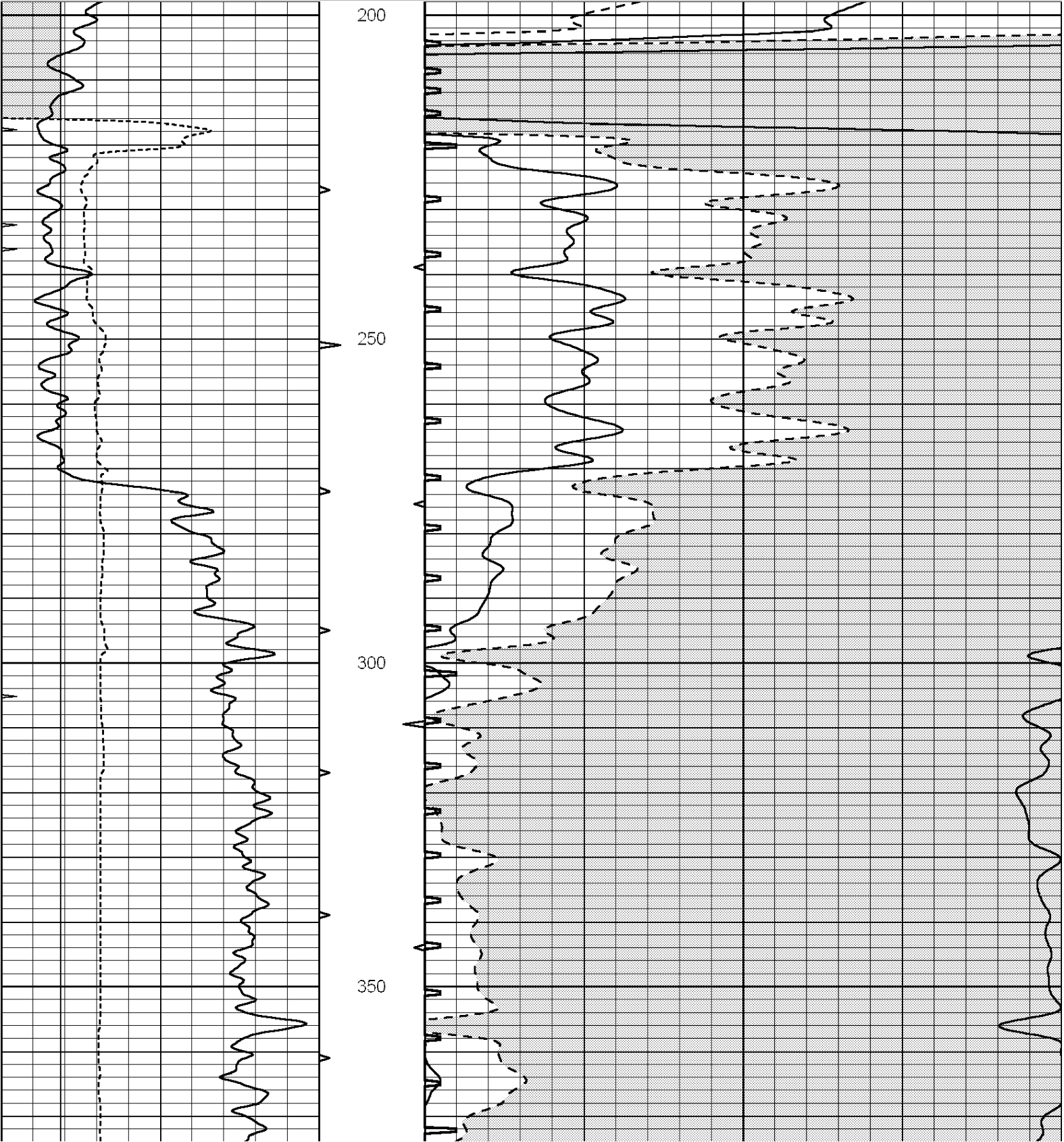
Fri Aug 07 23:56:22 2015 by Calc SOC 120430

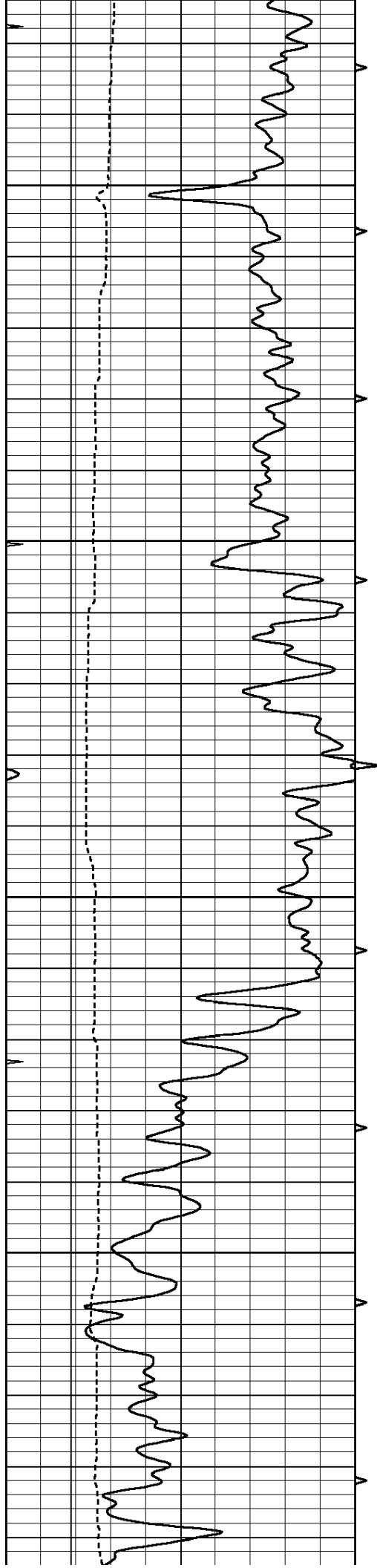
Charted by:

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				



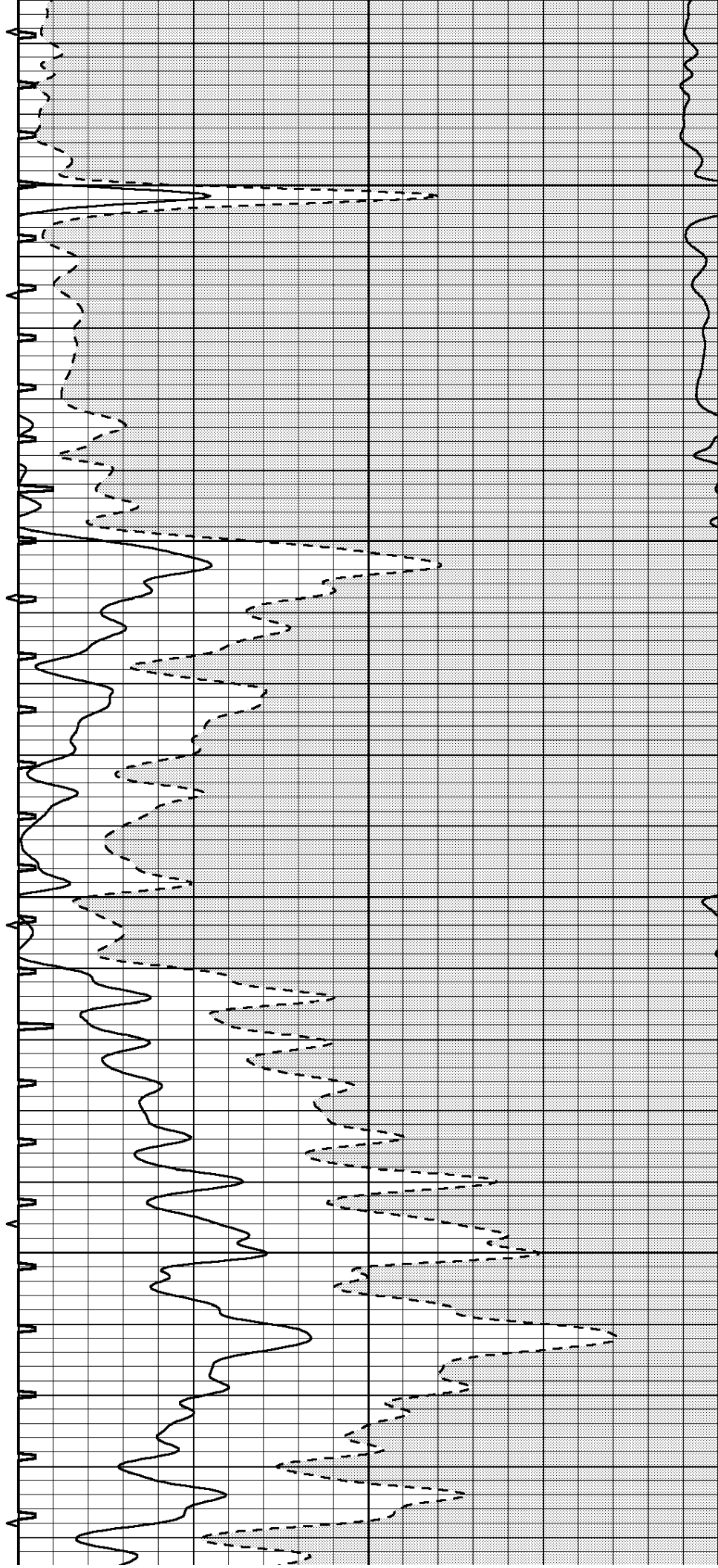


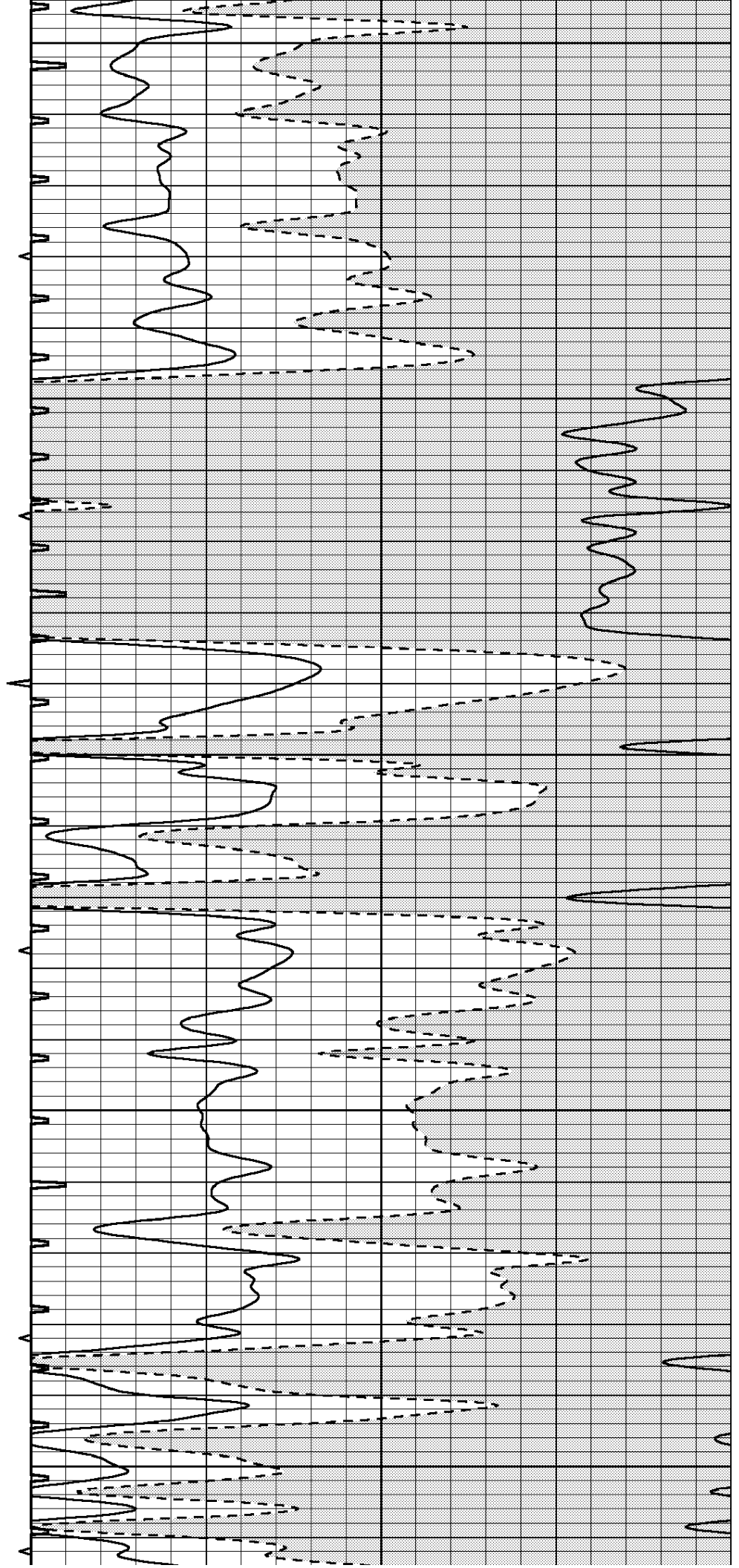
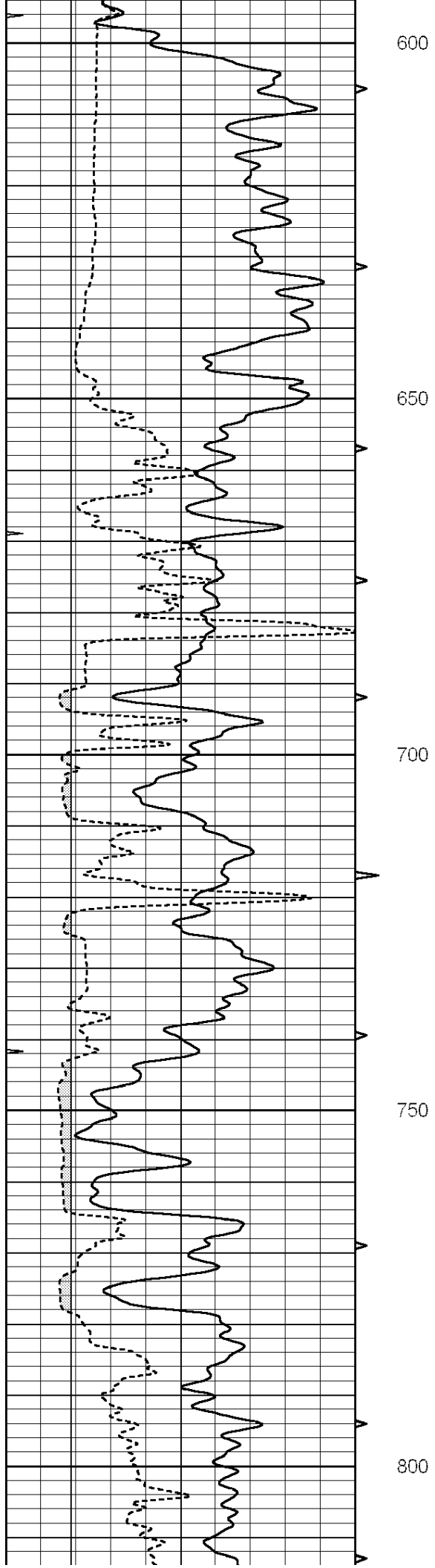
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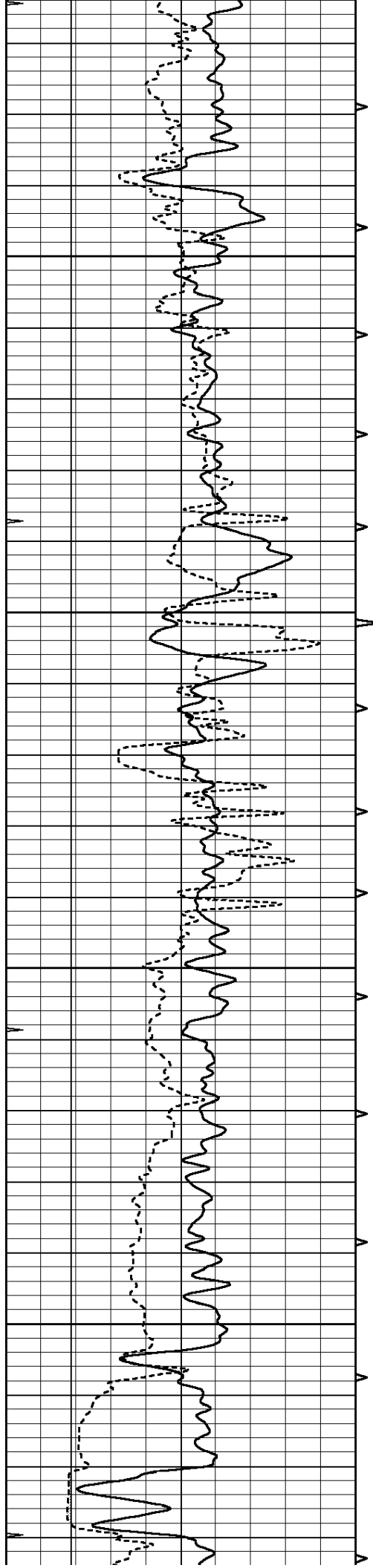
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500

550





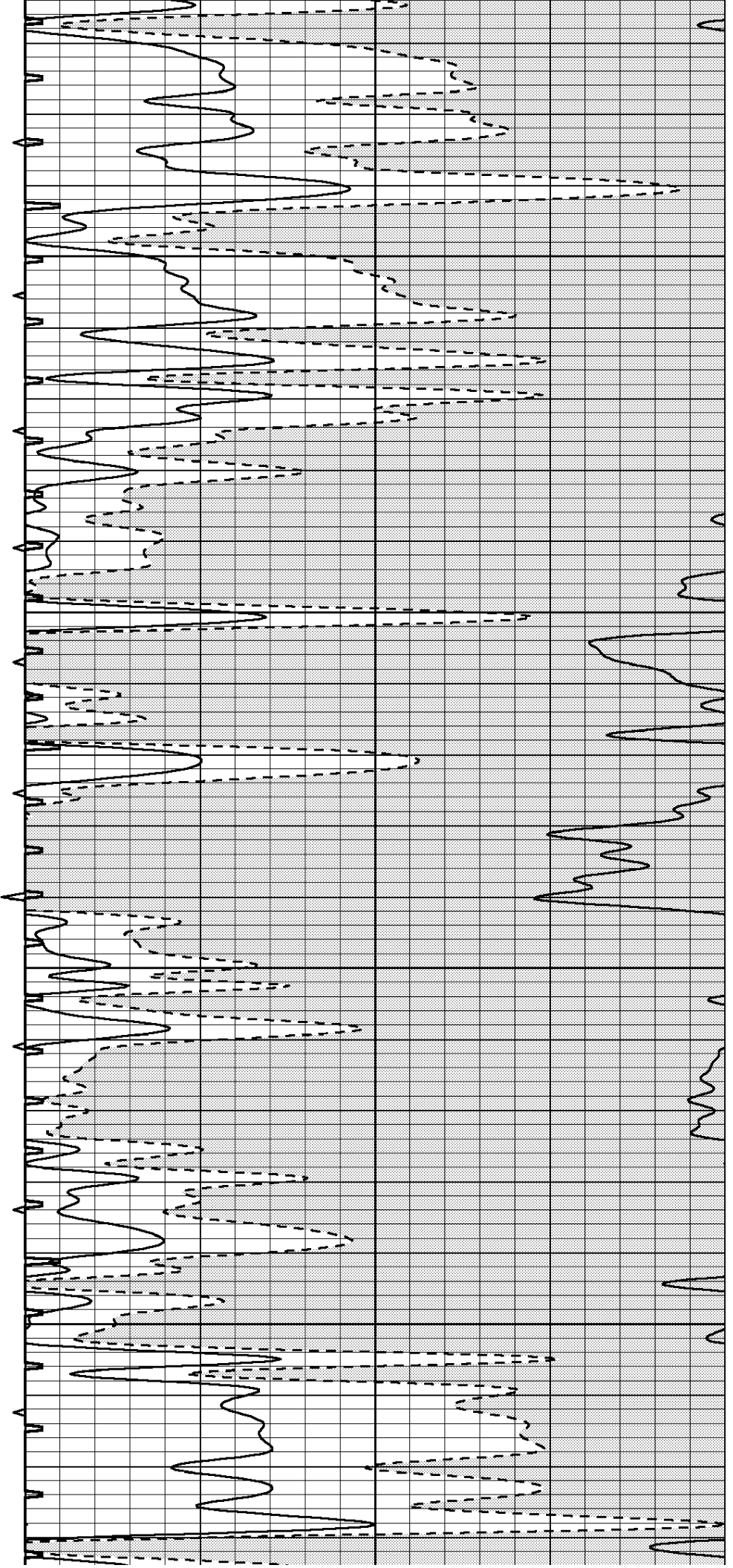


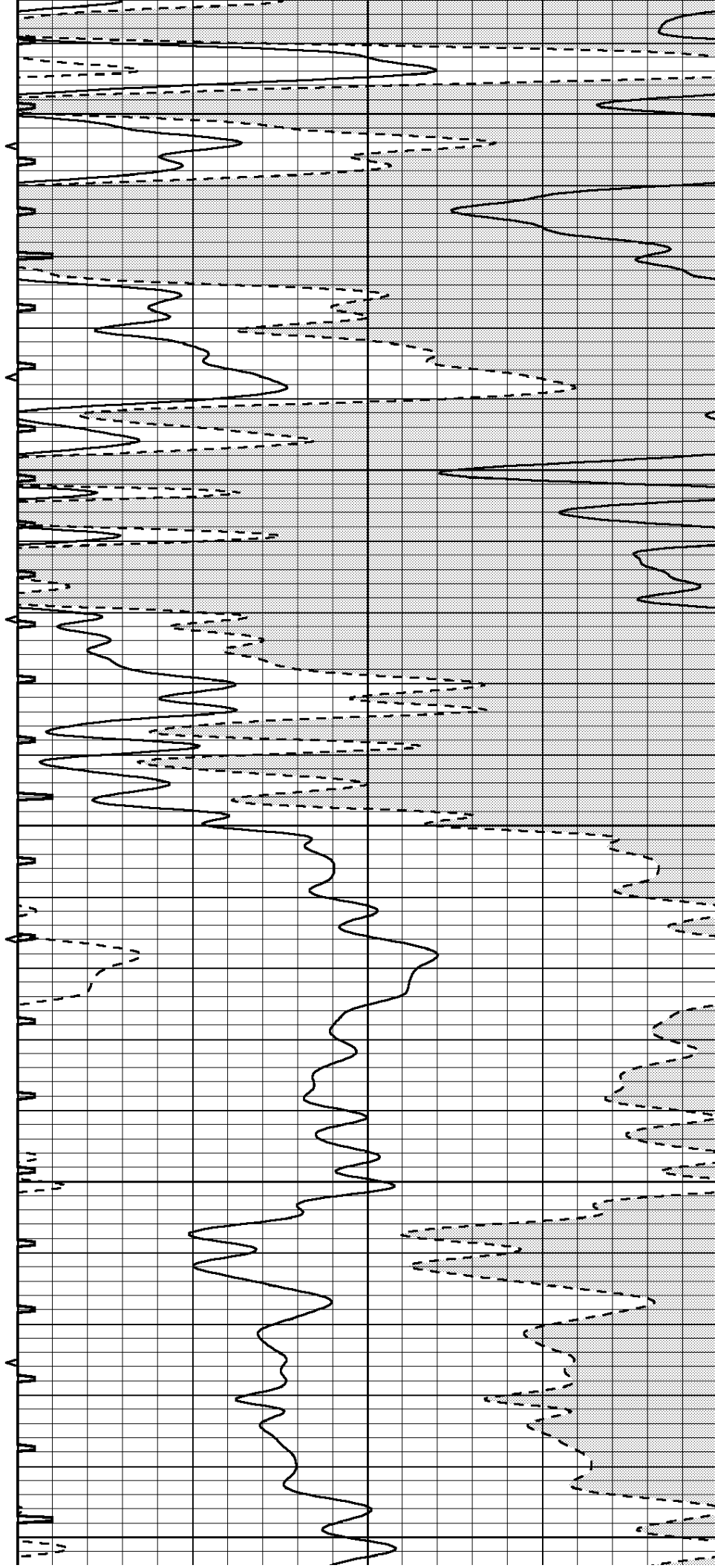
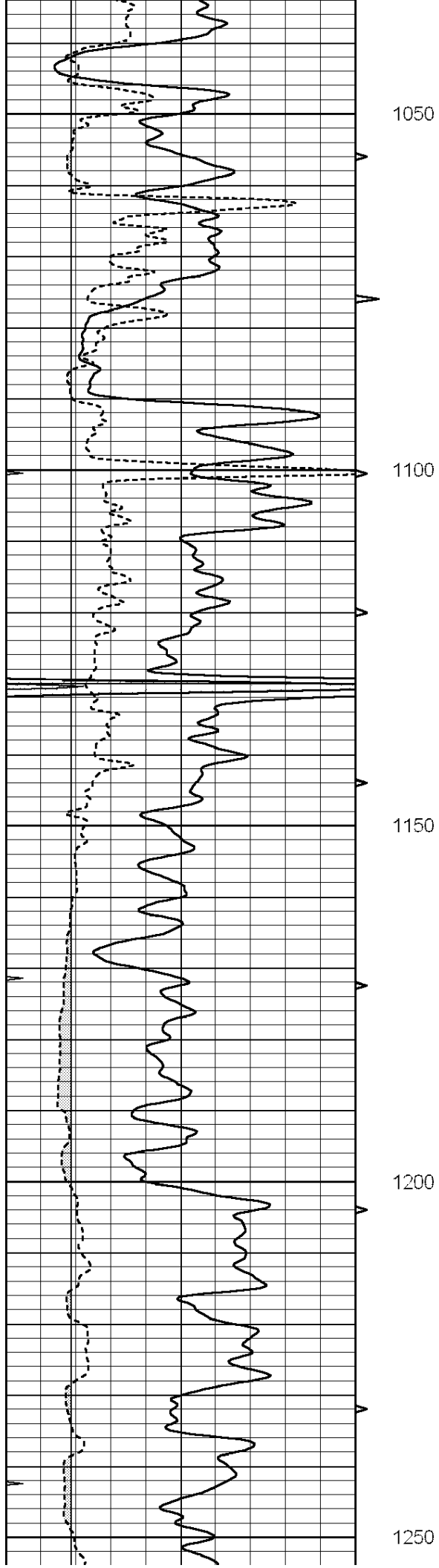
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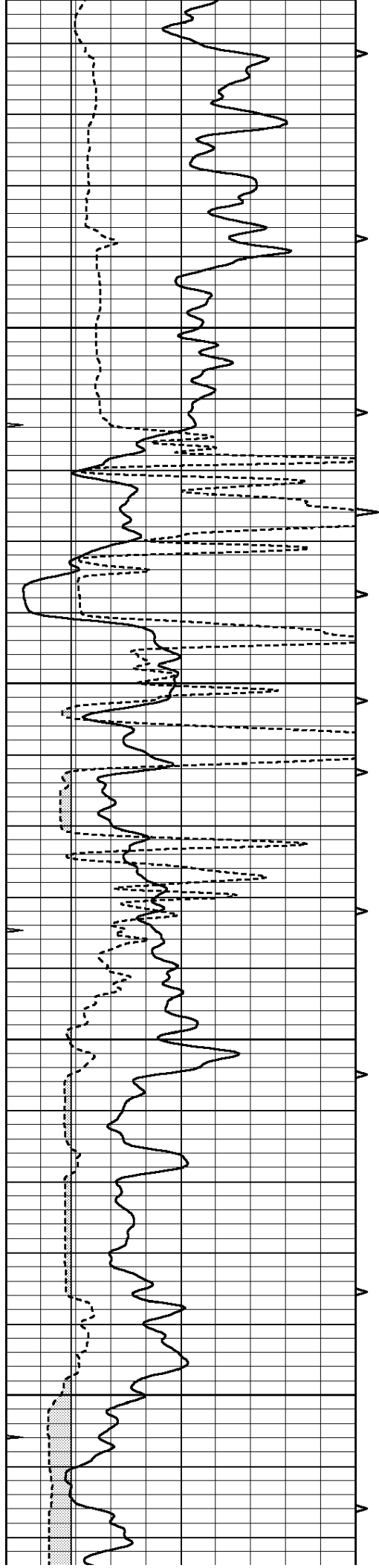
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1000





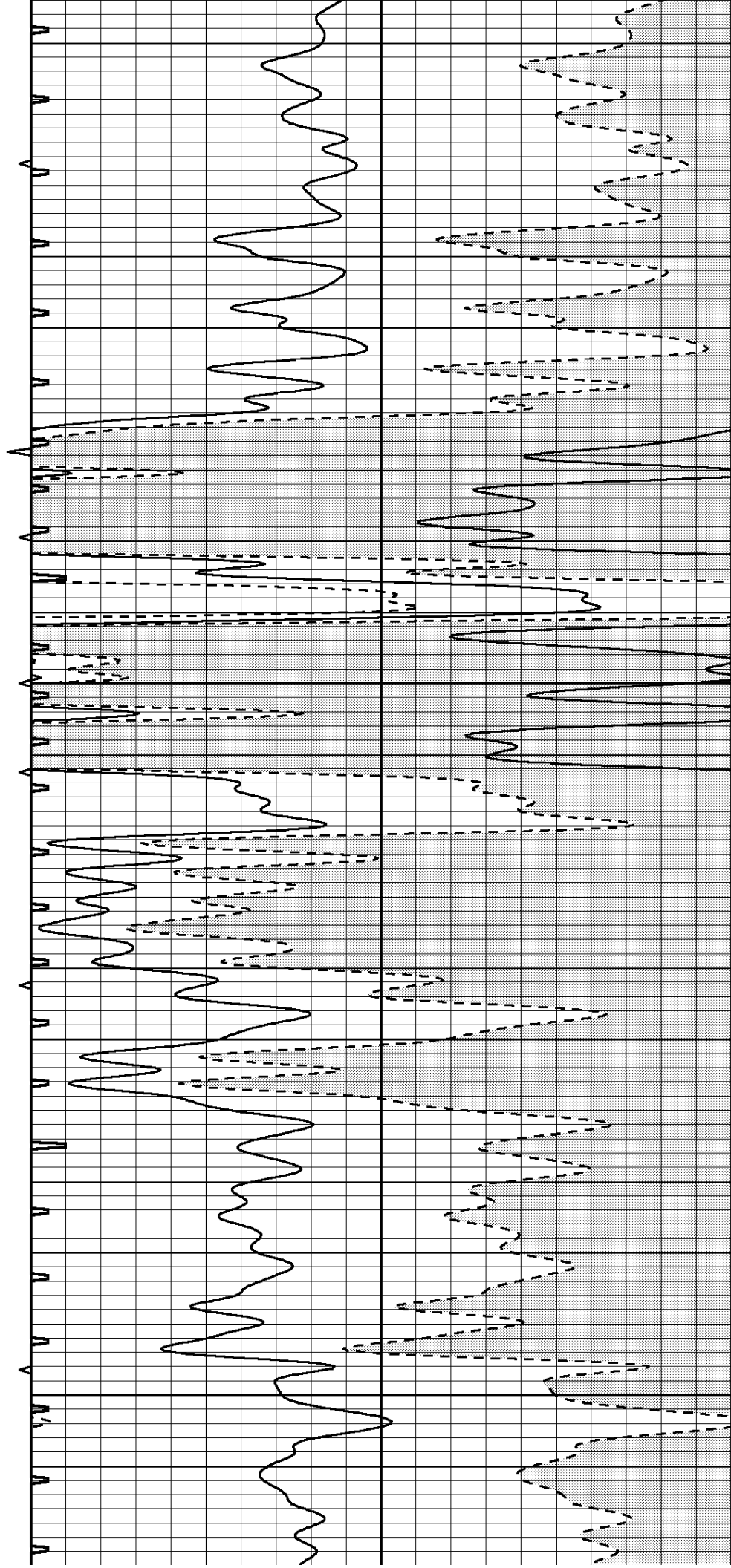


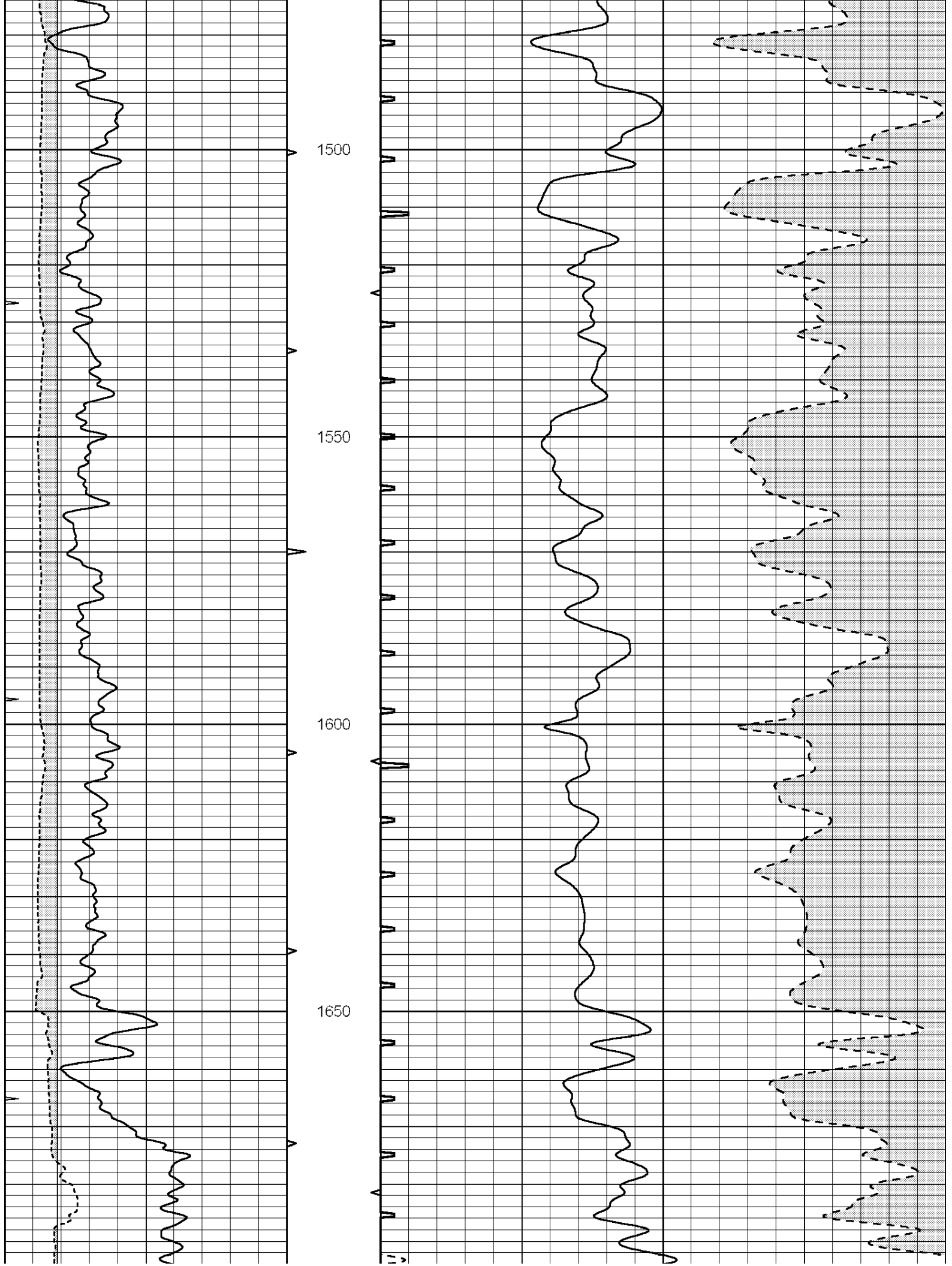
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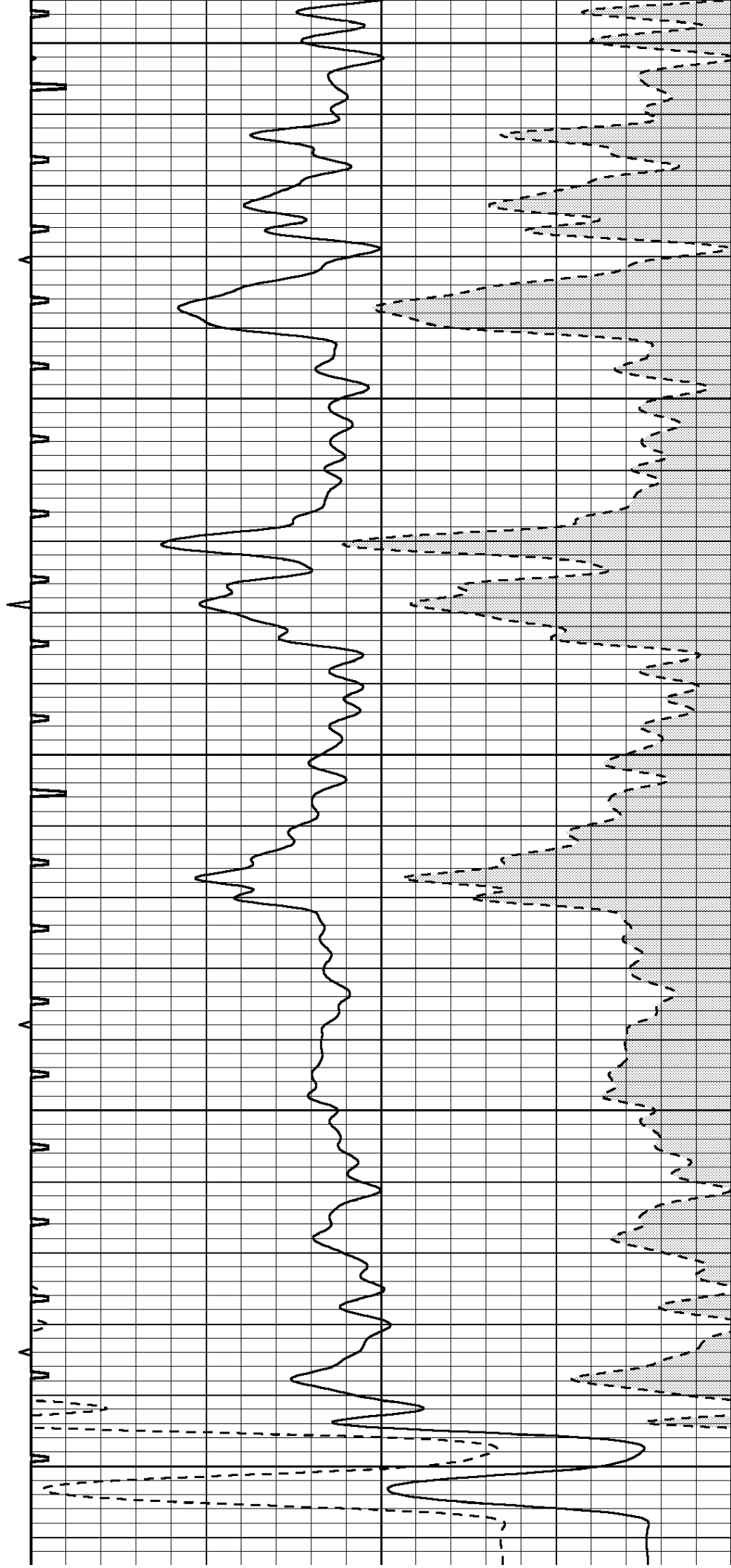
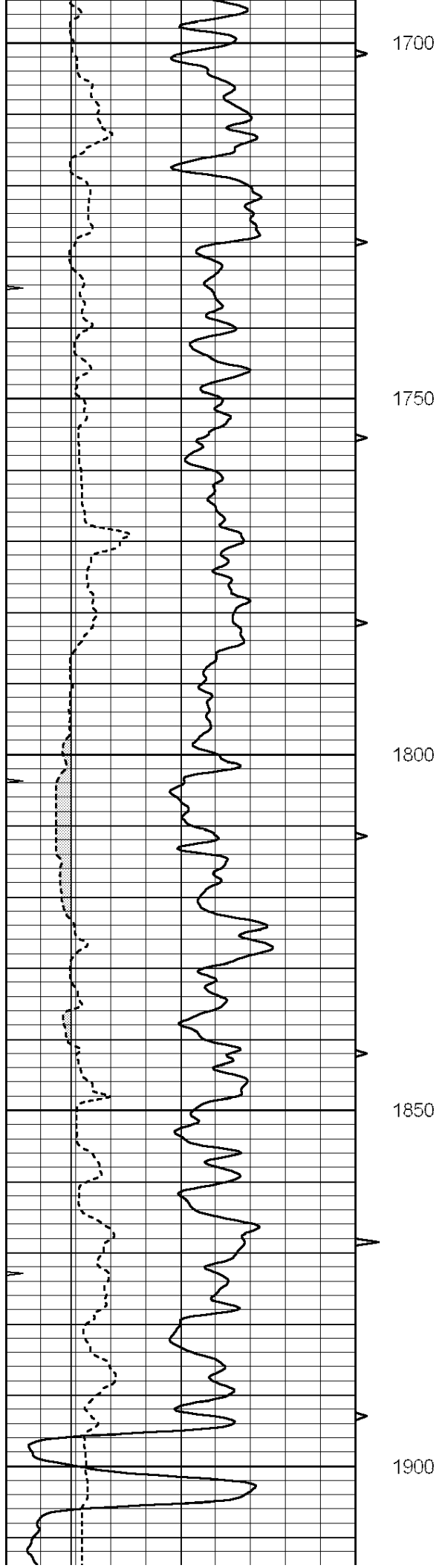
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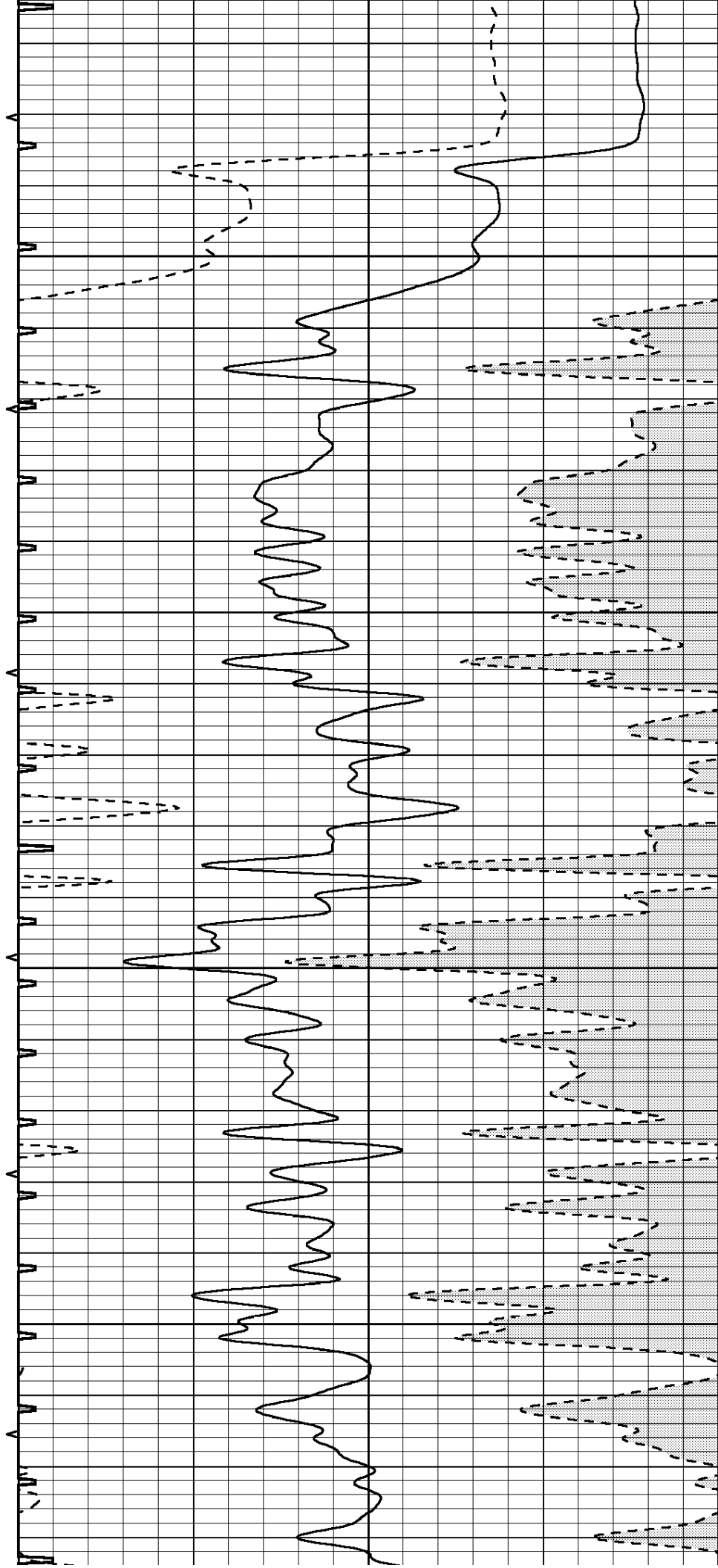
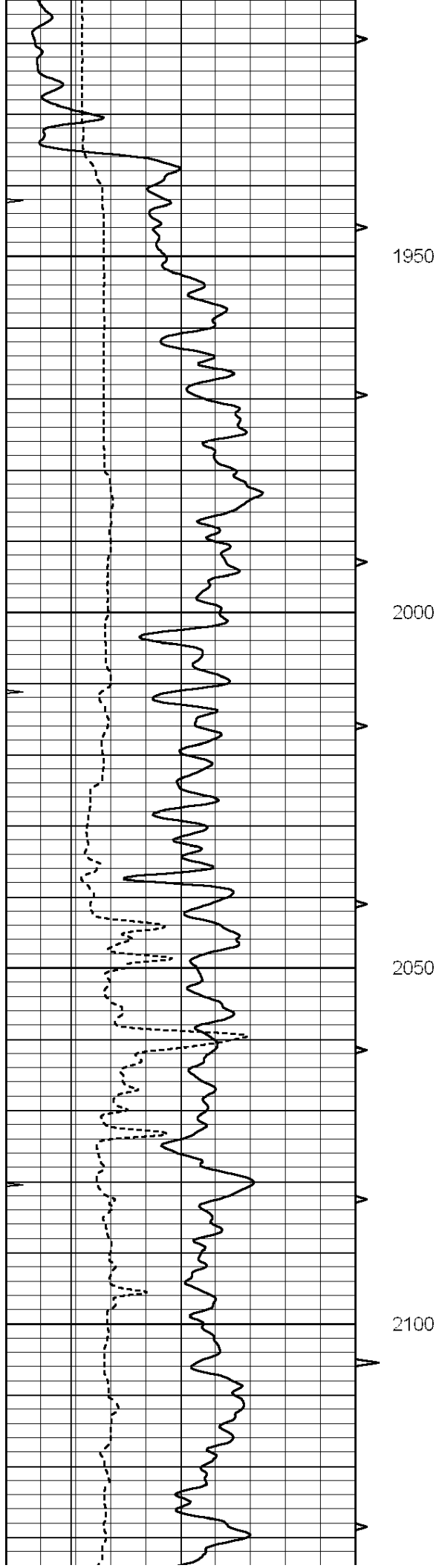
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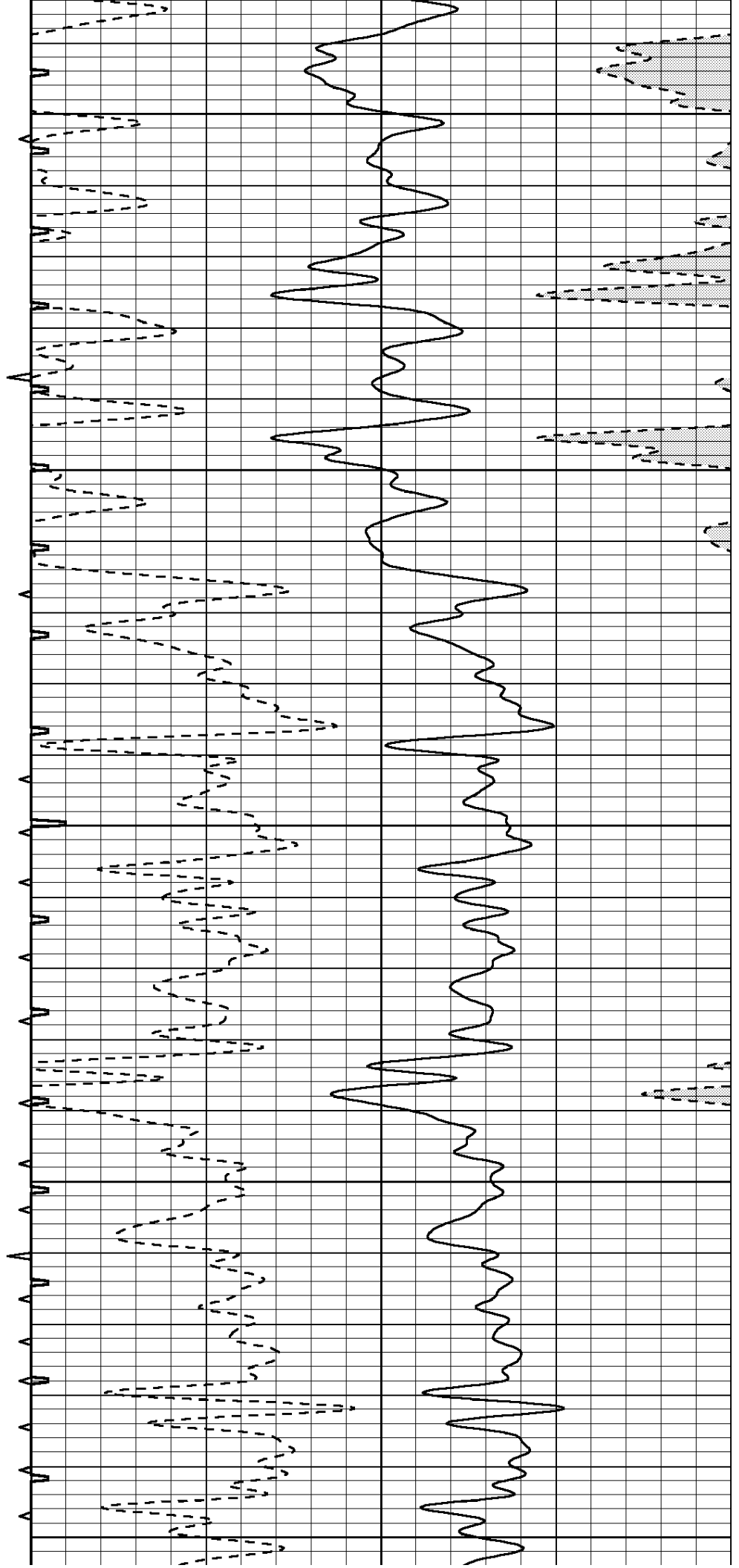
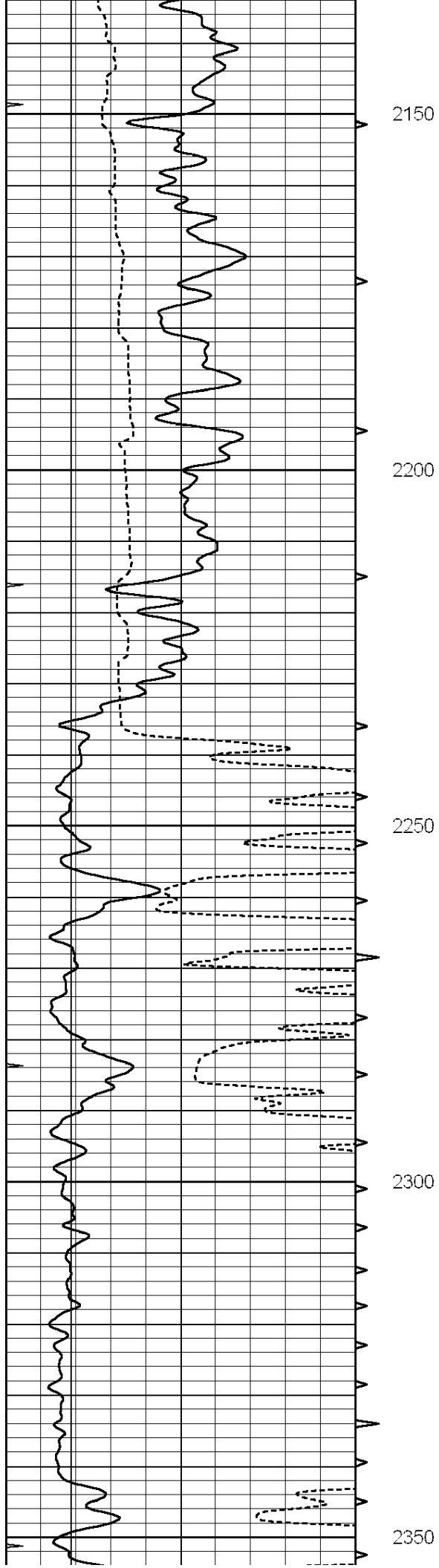
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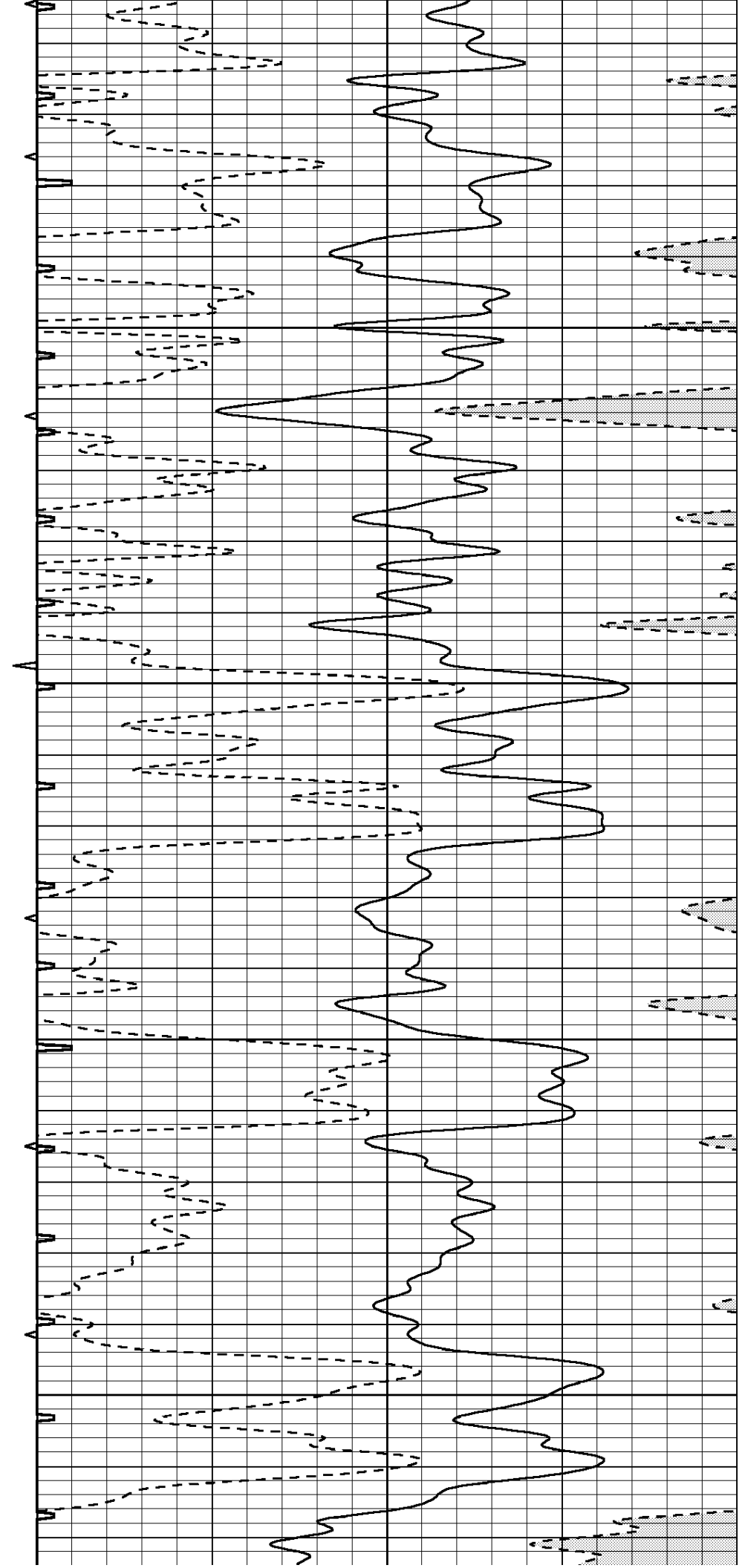
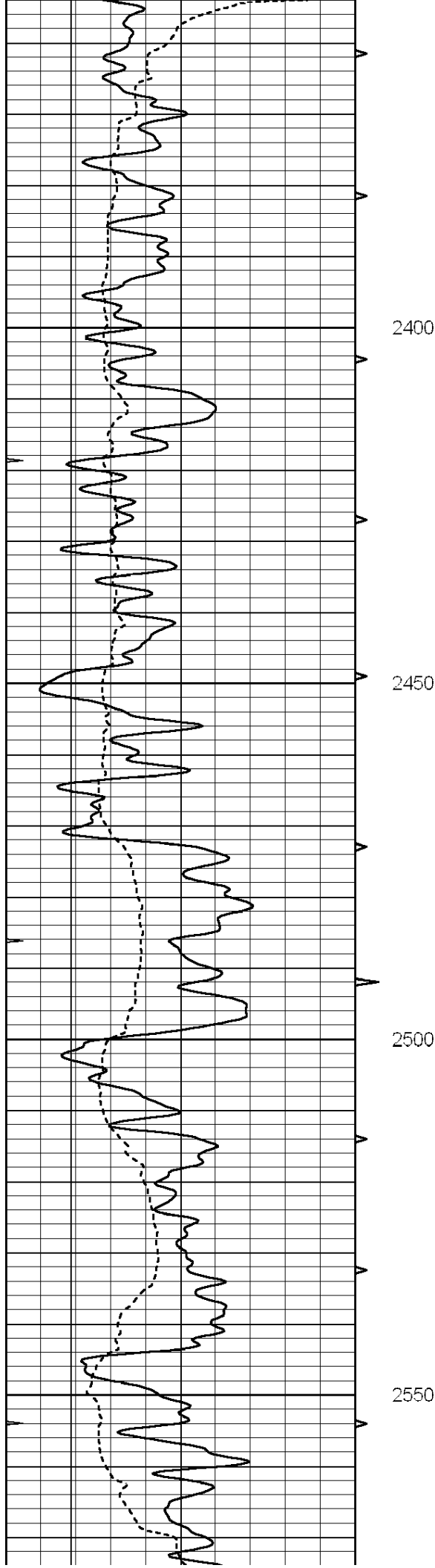


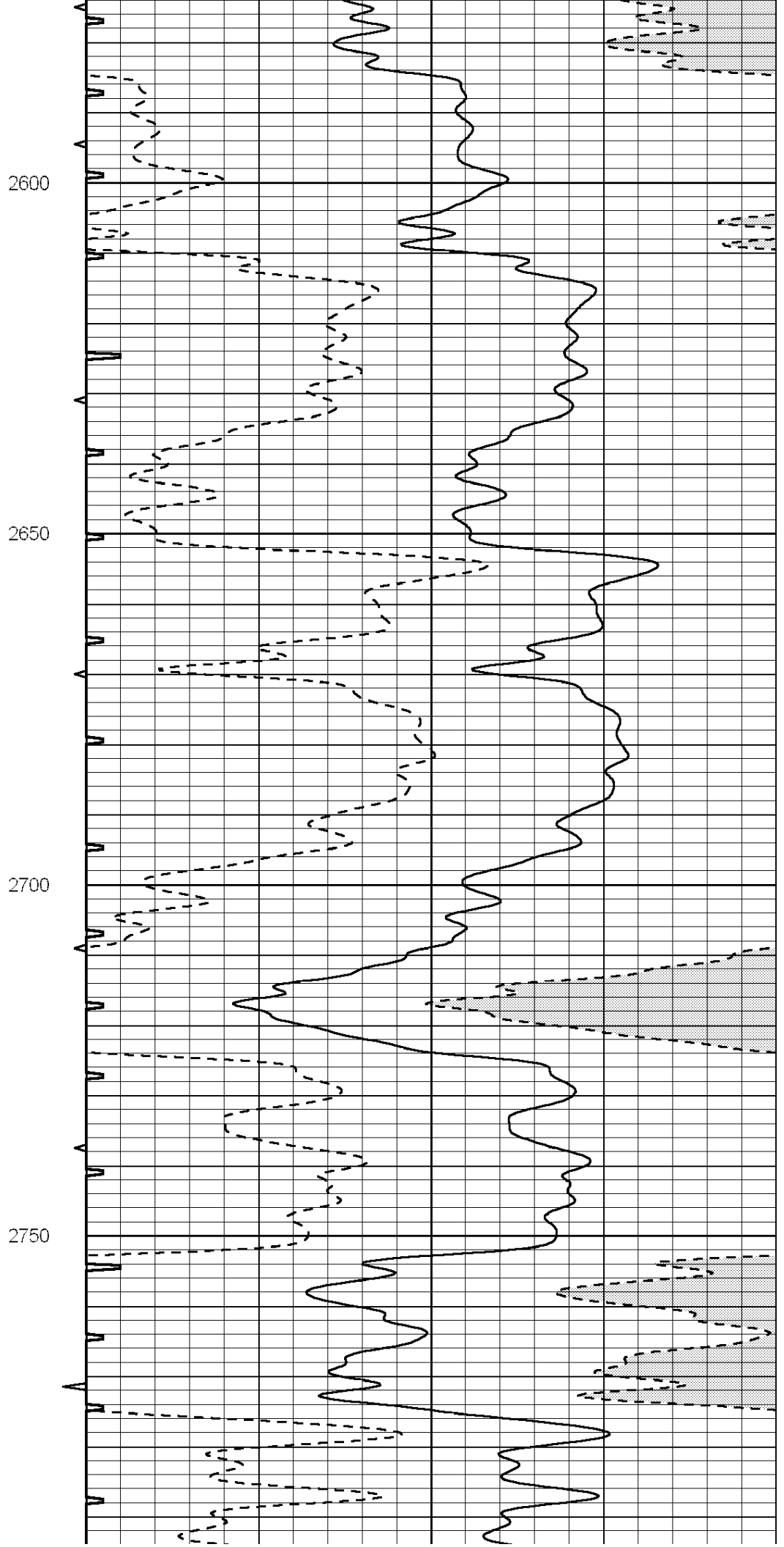
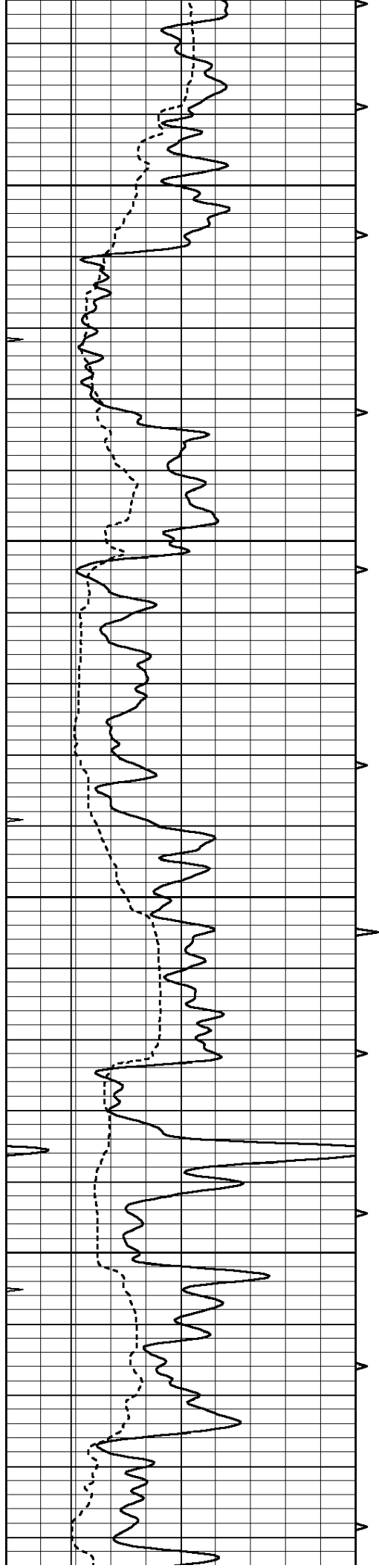


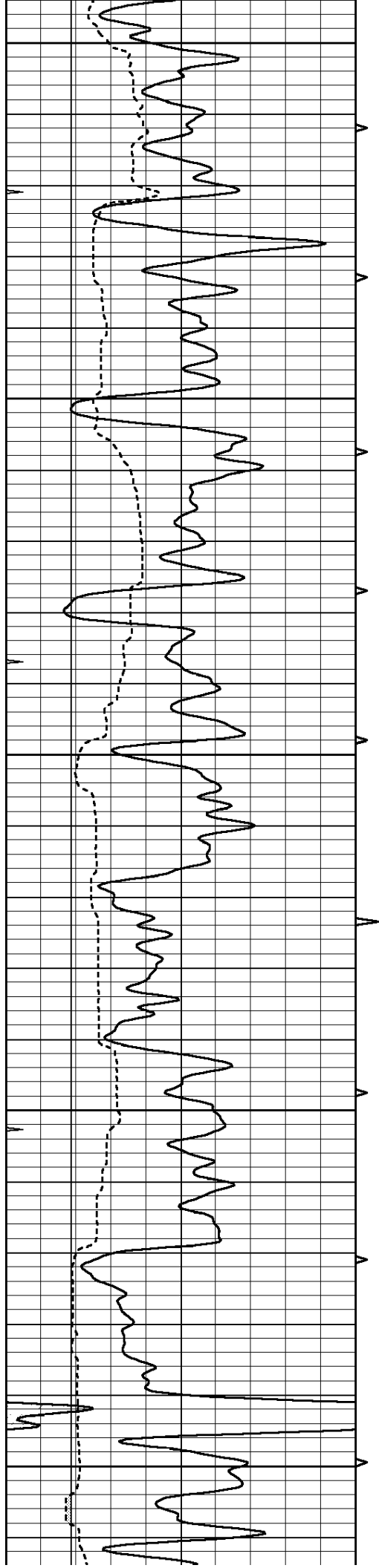












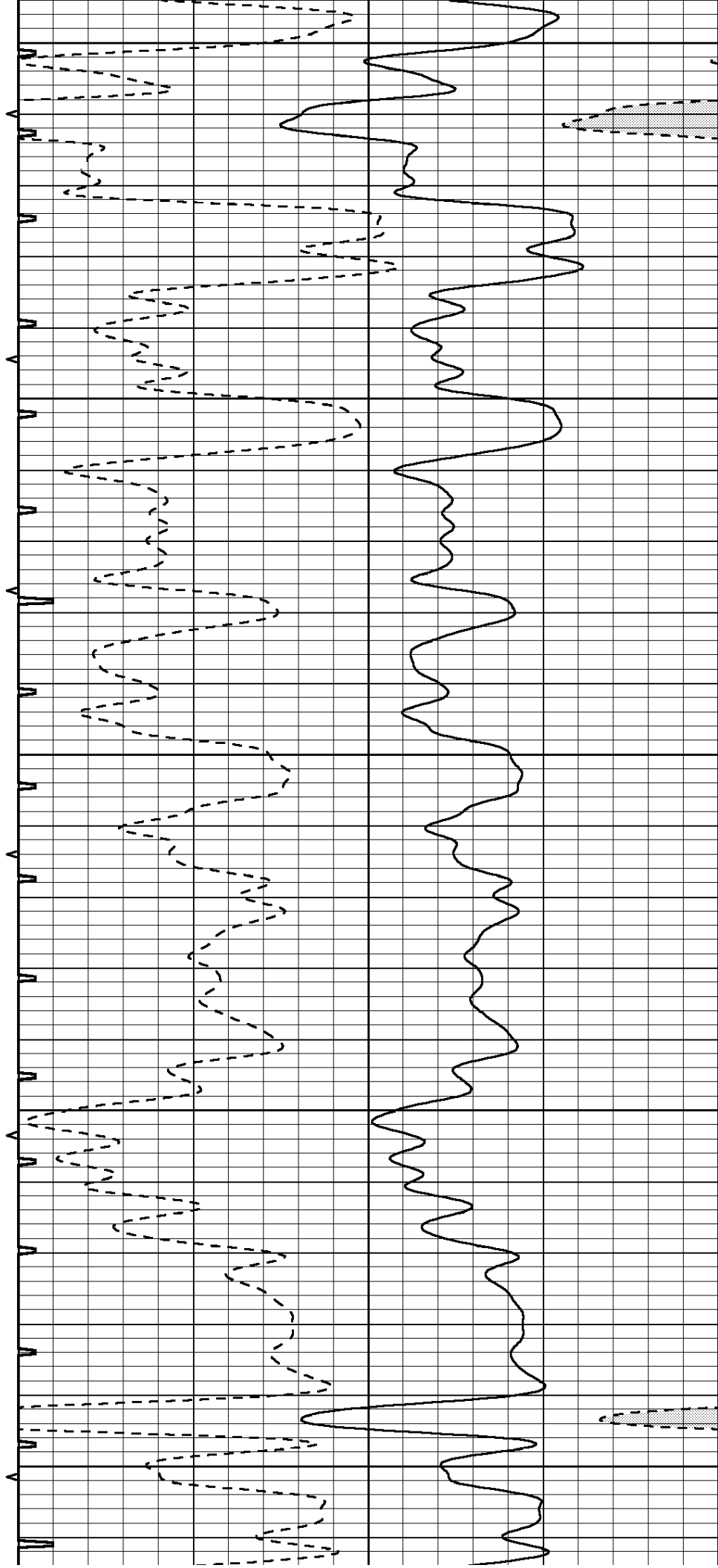
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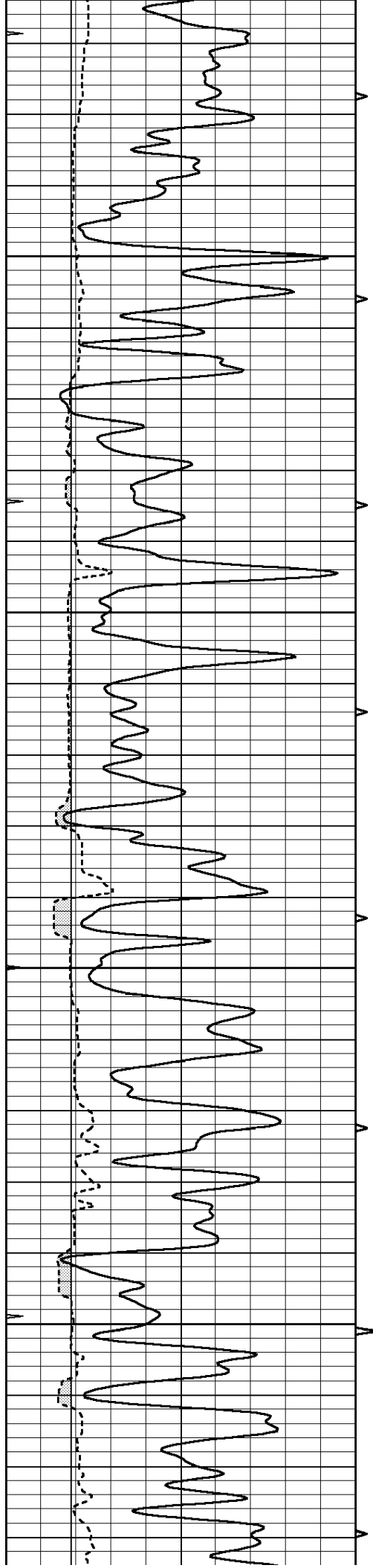
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2900

2950

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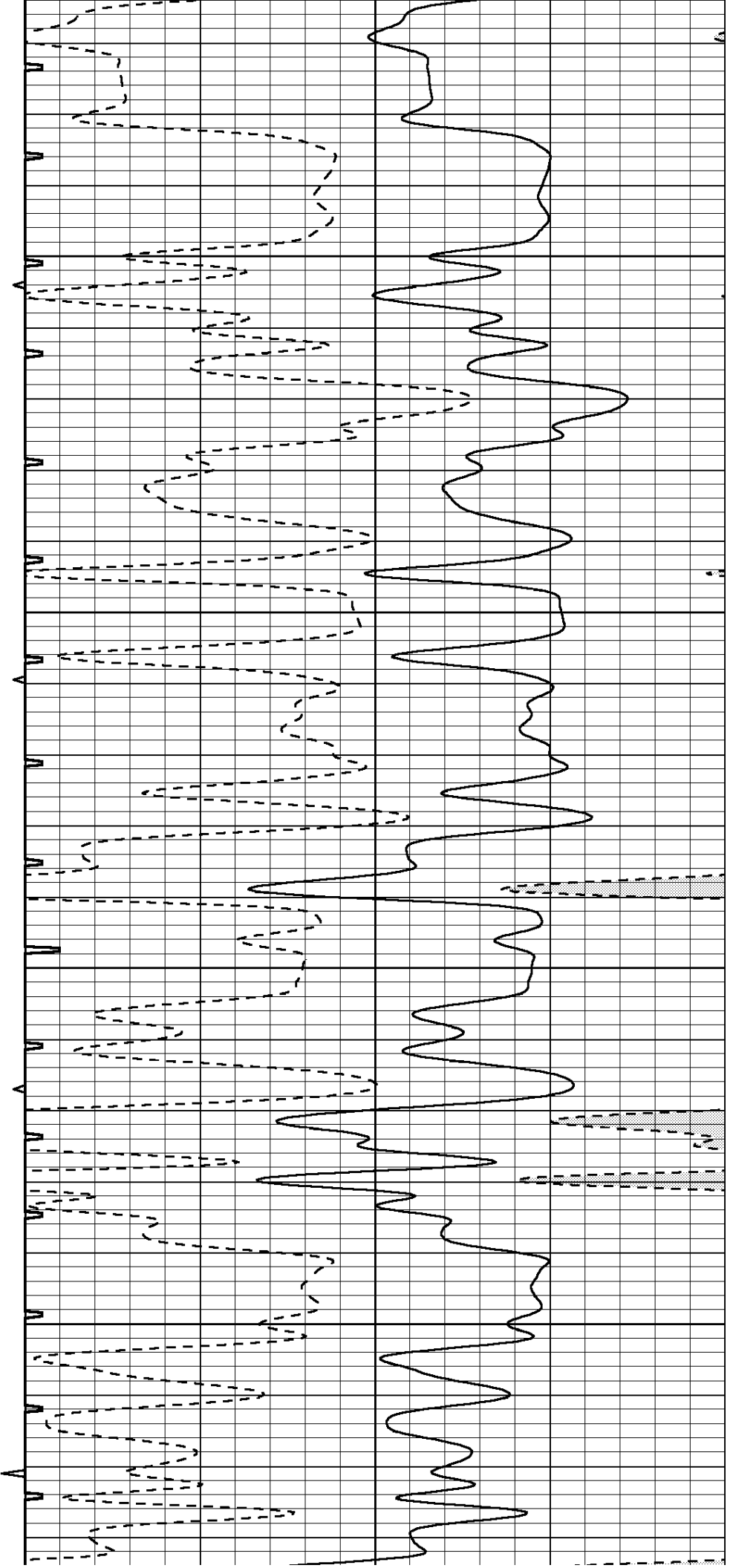


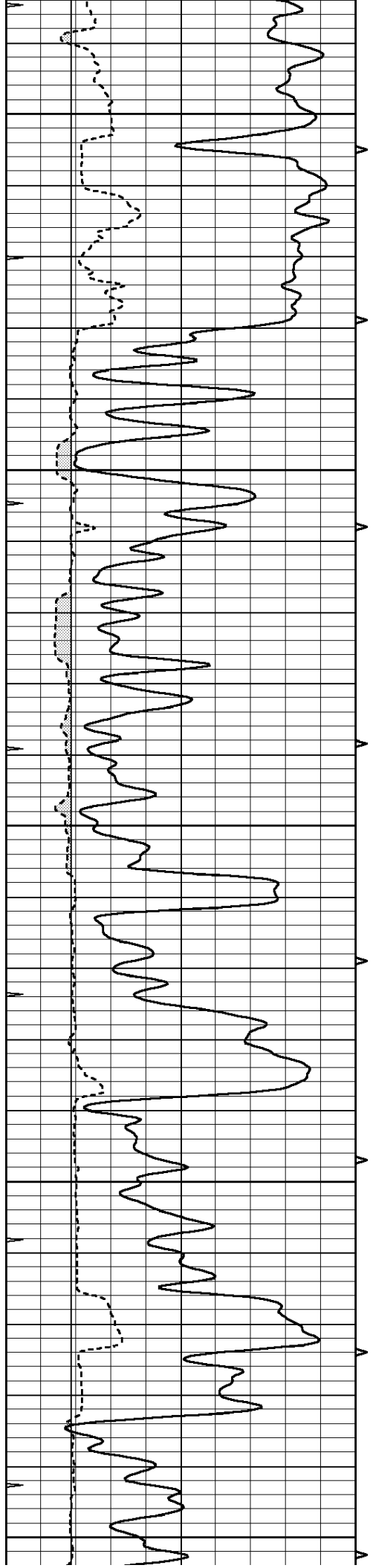
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3200





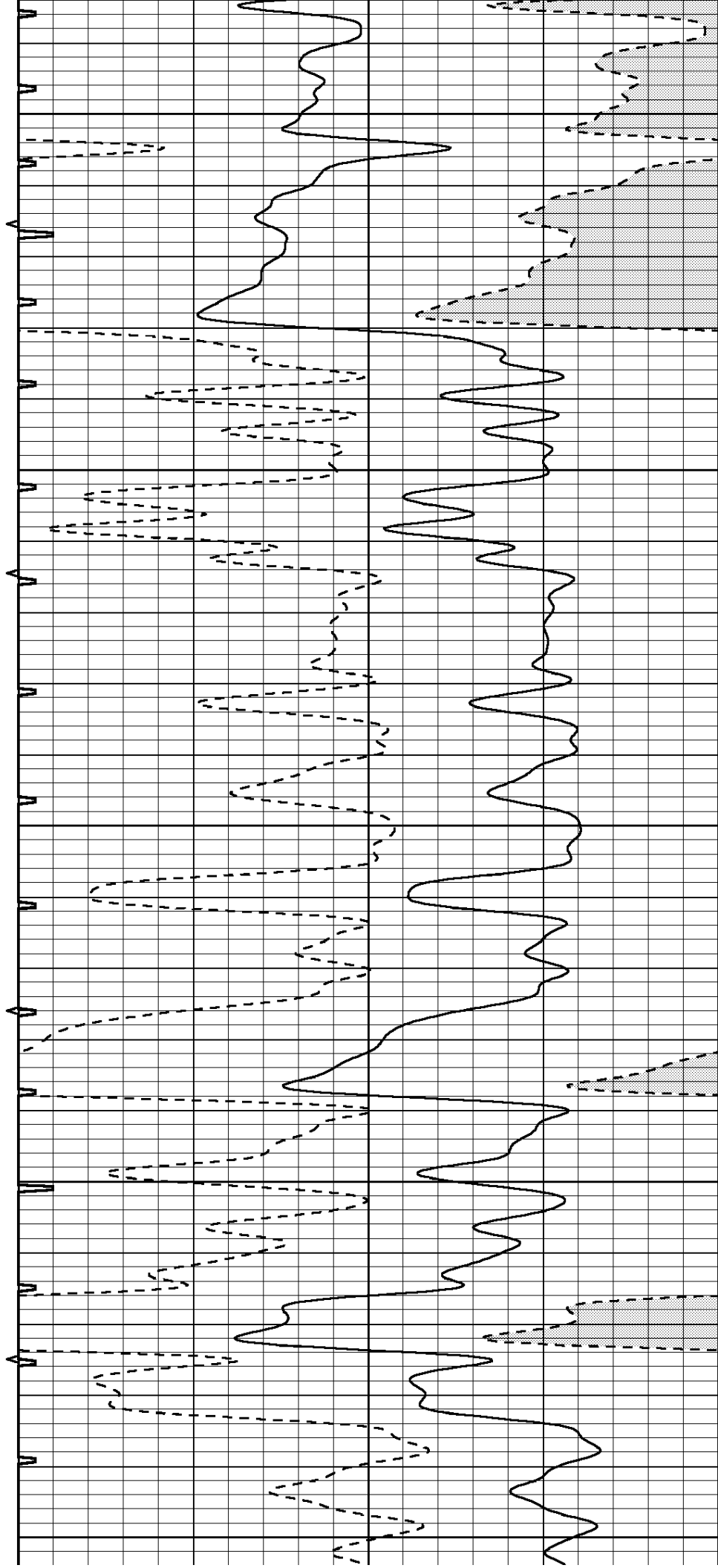
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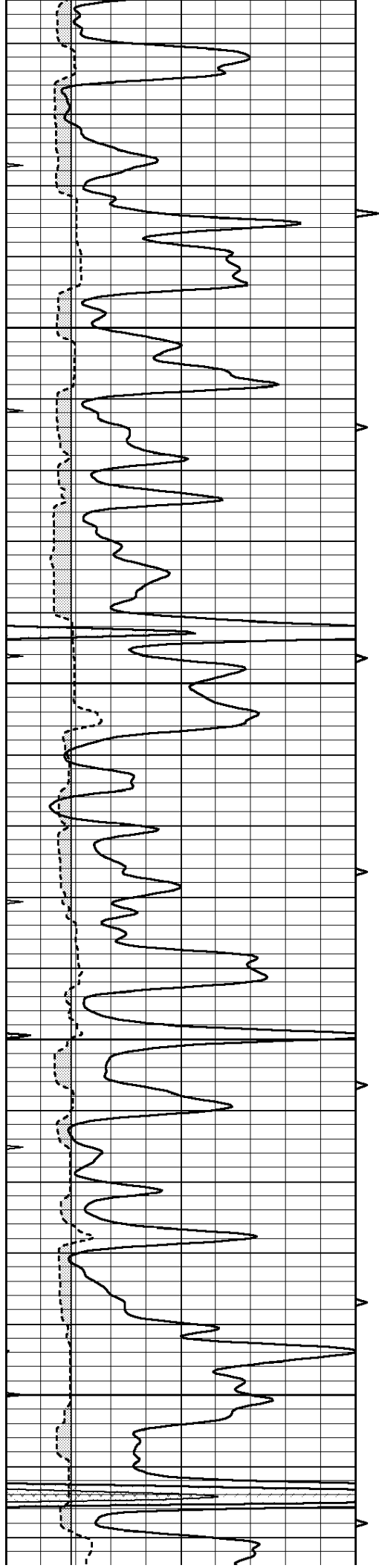
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3350

3400

3450



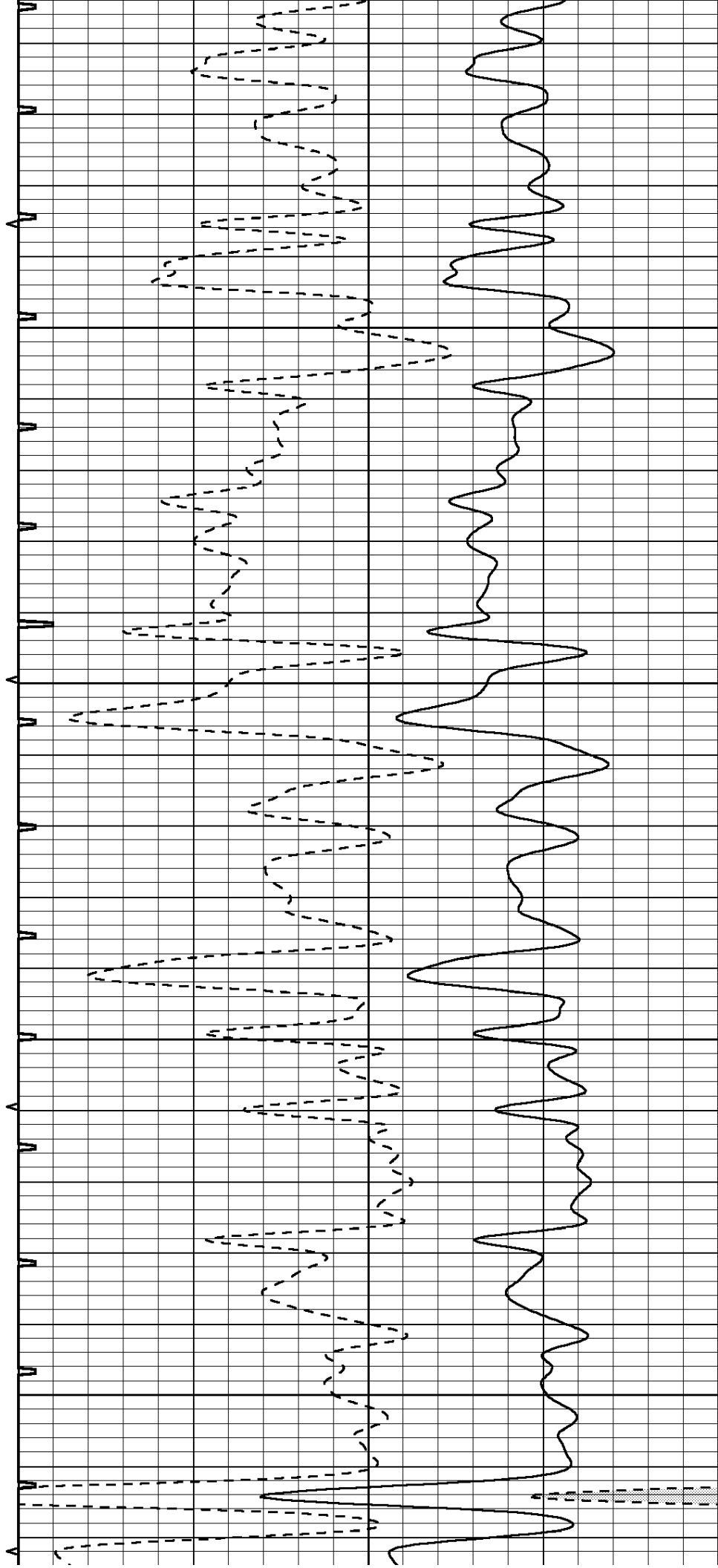


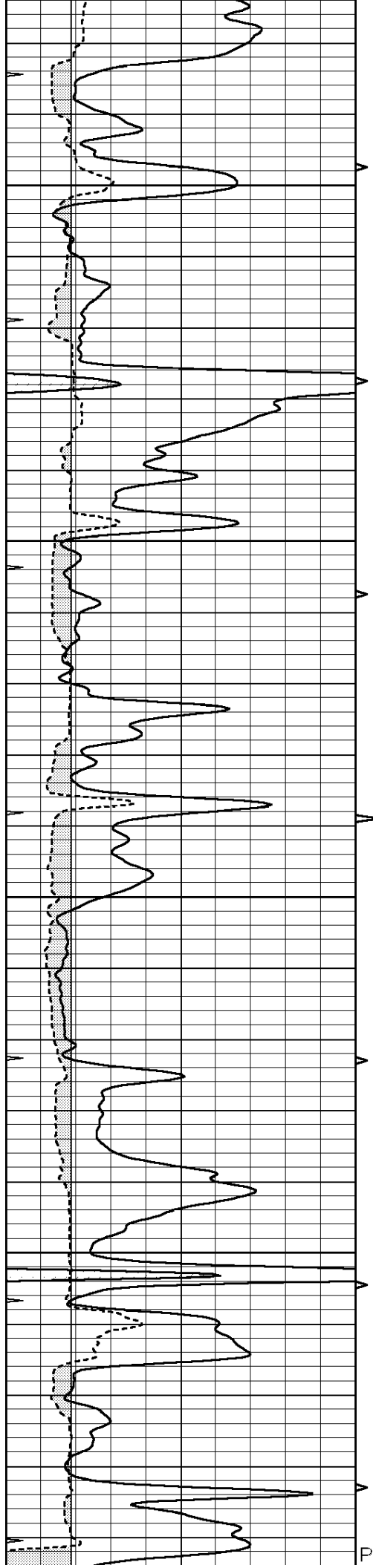
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3650





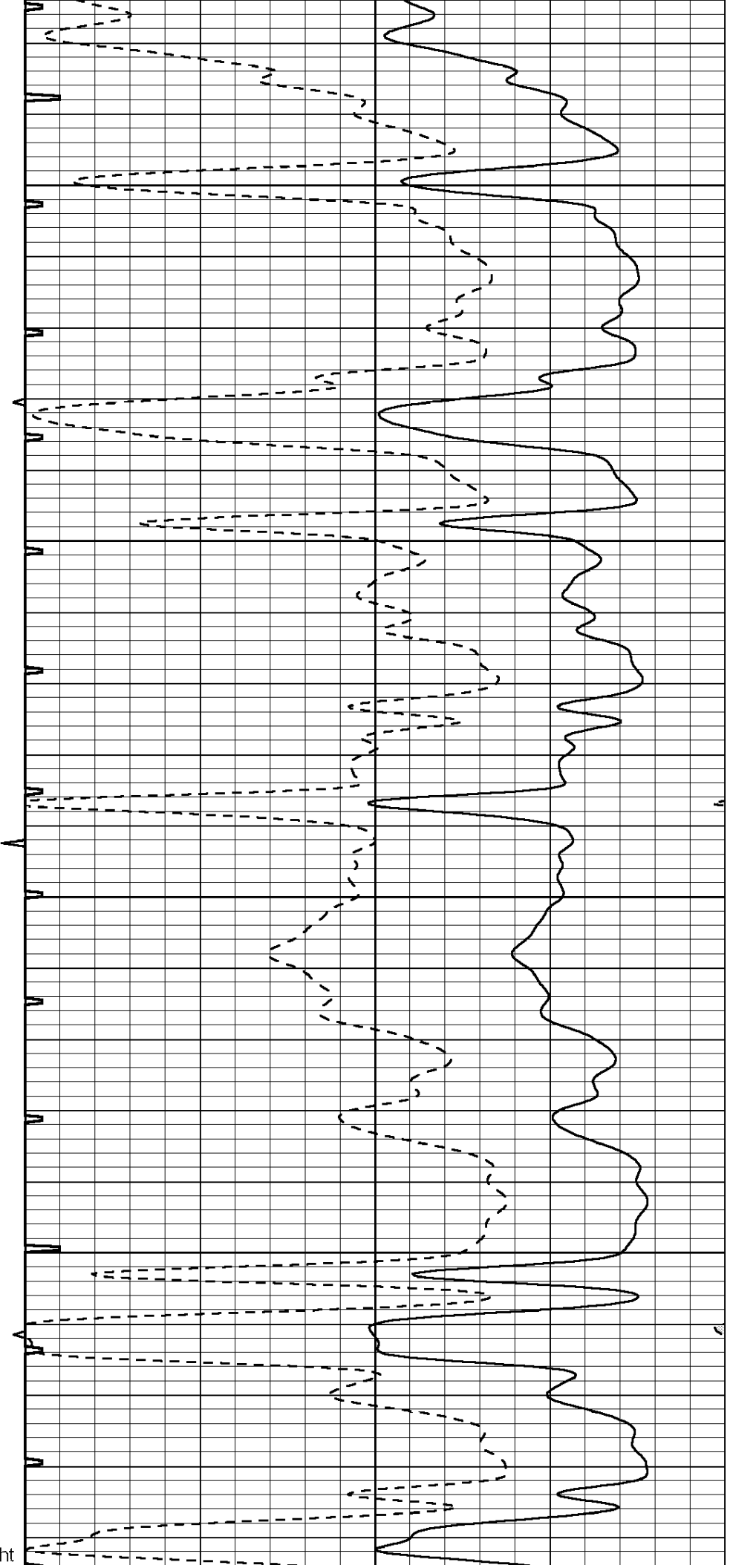
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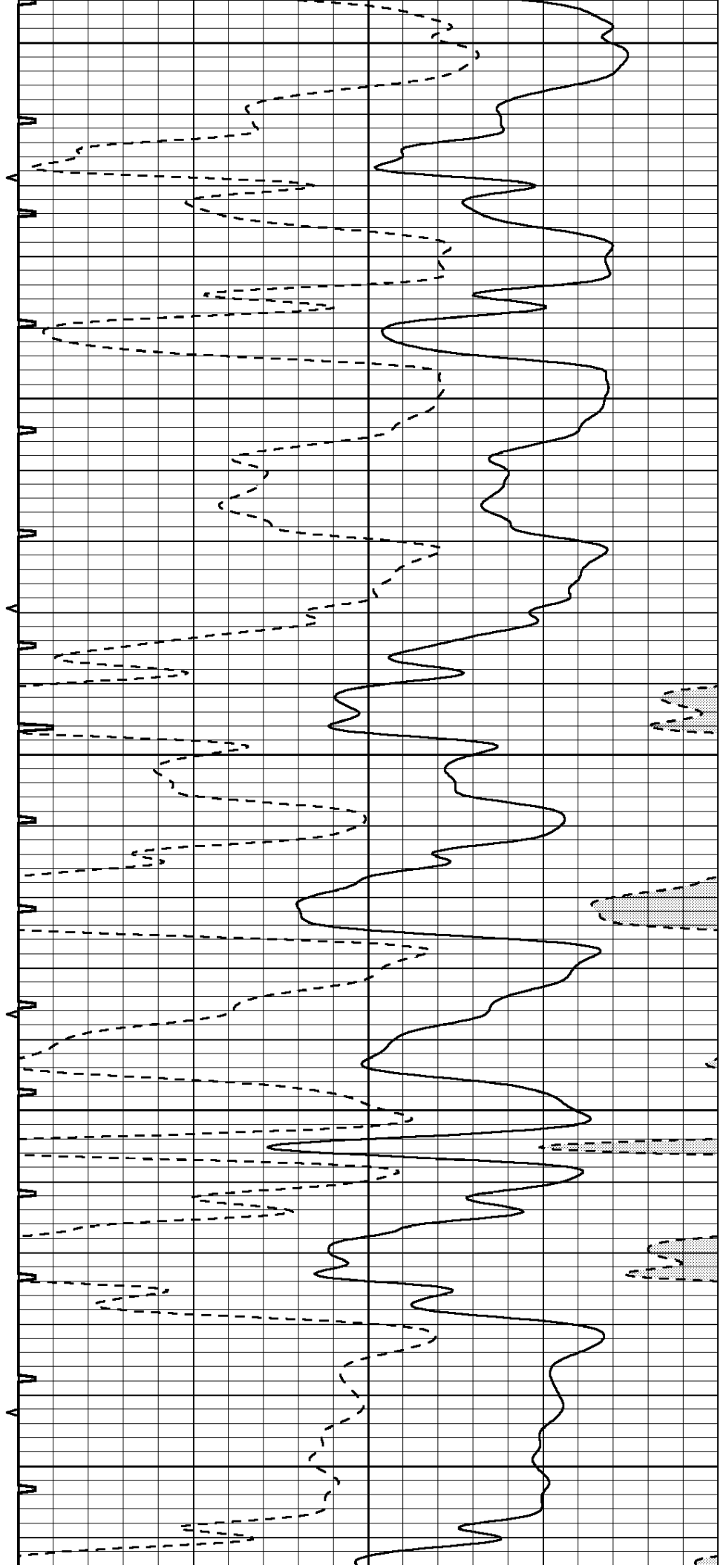
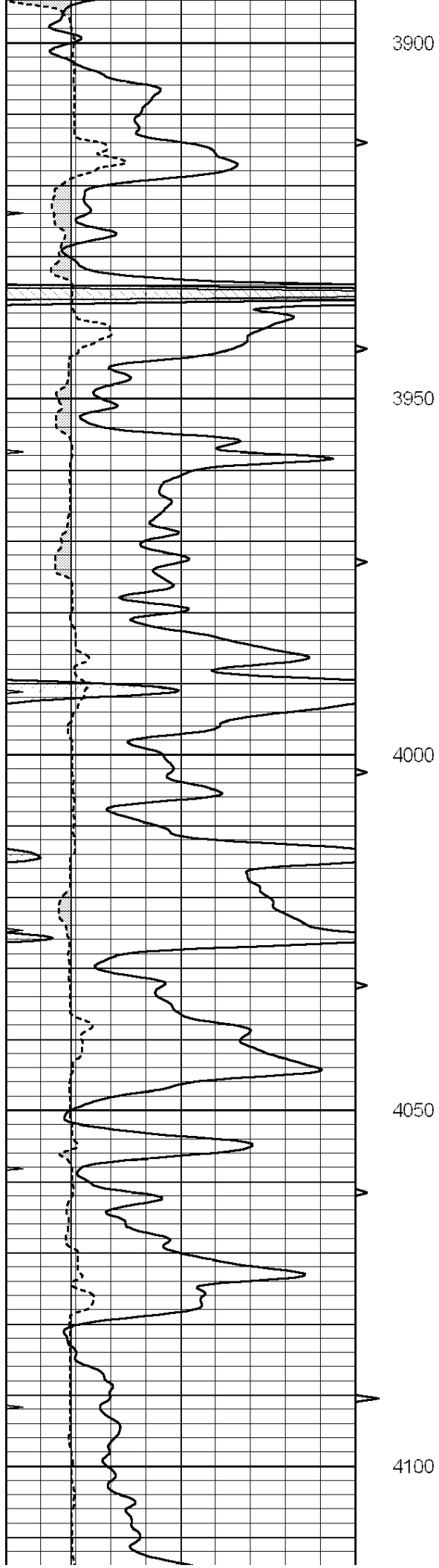
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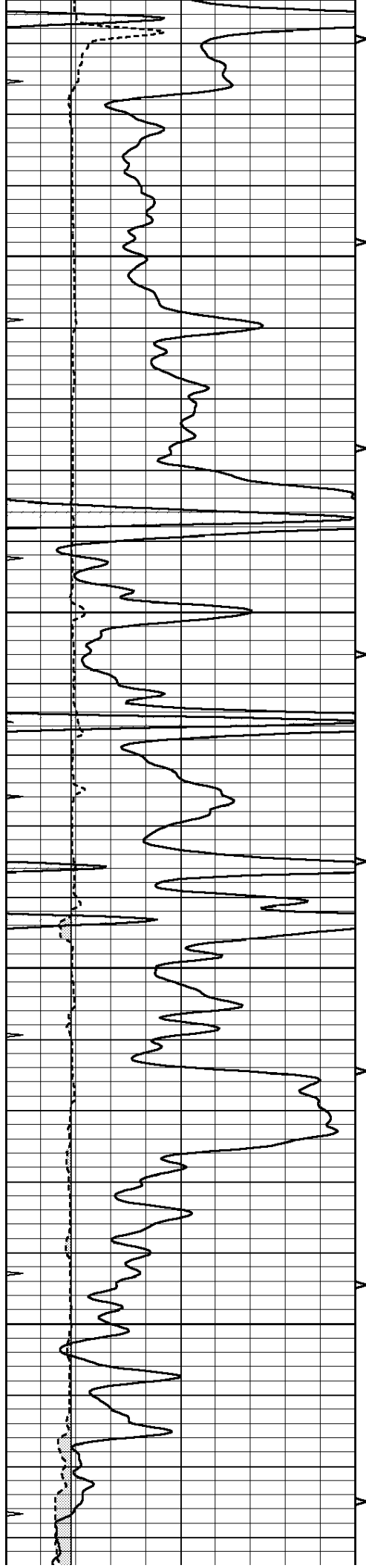
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Pulled Tight







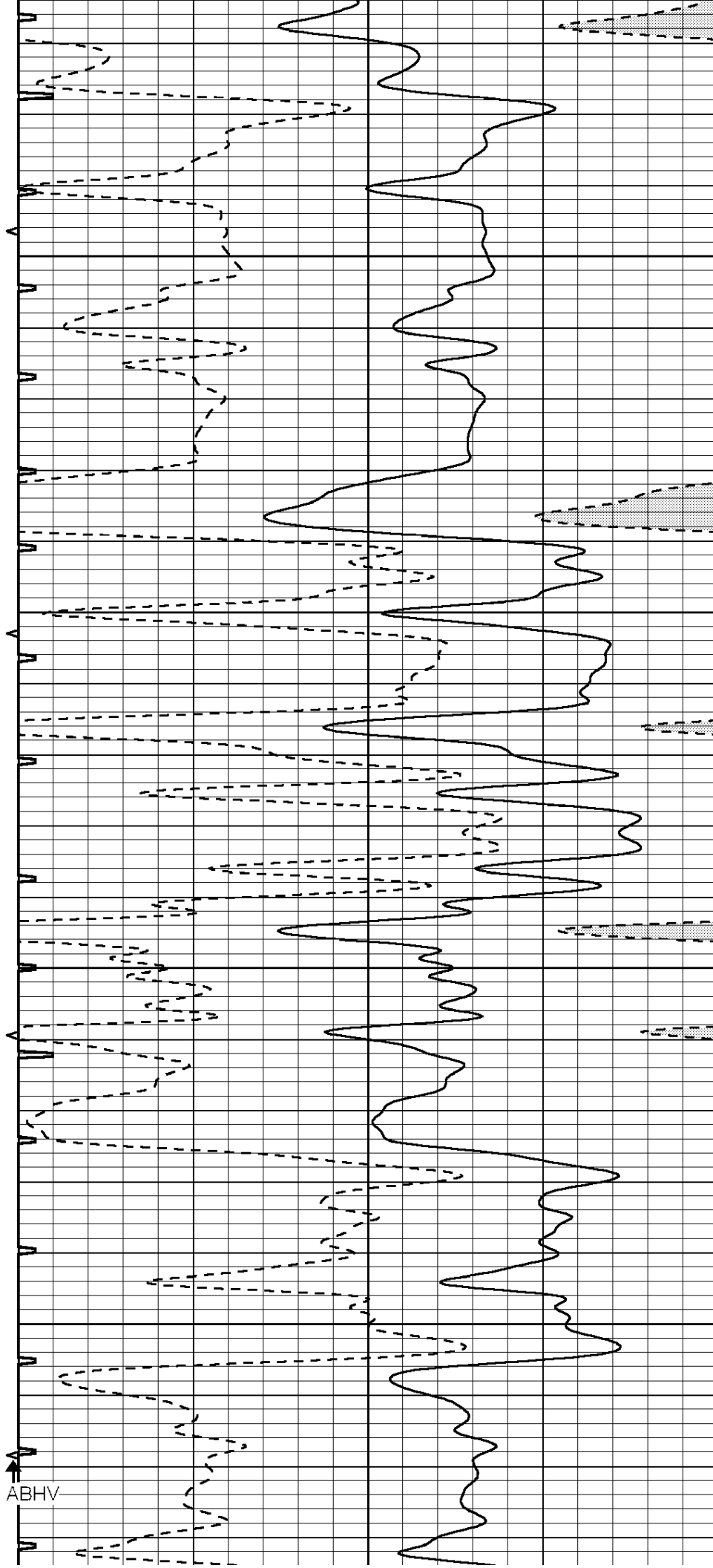
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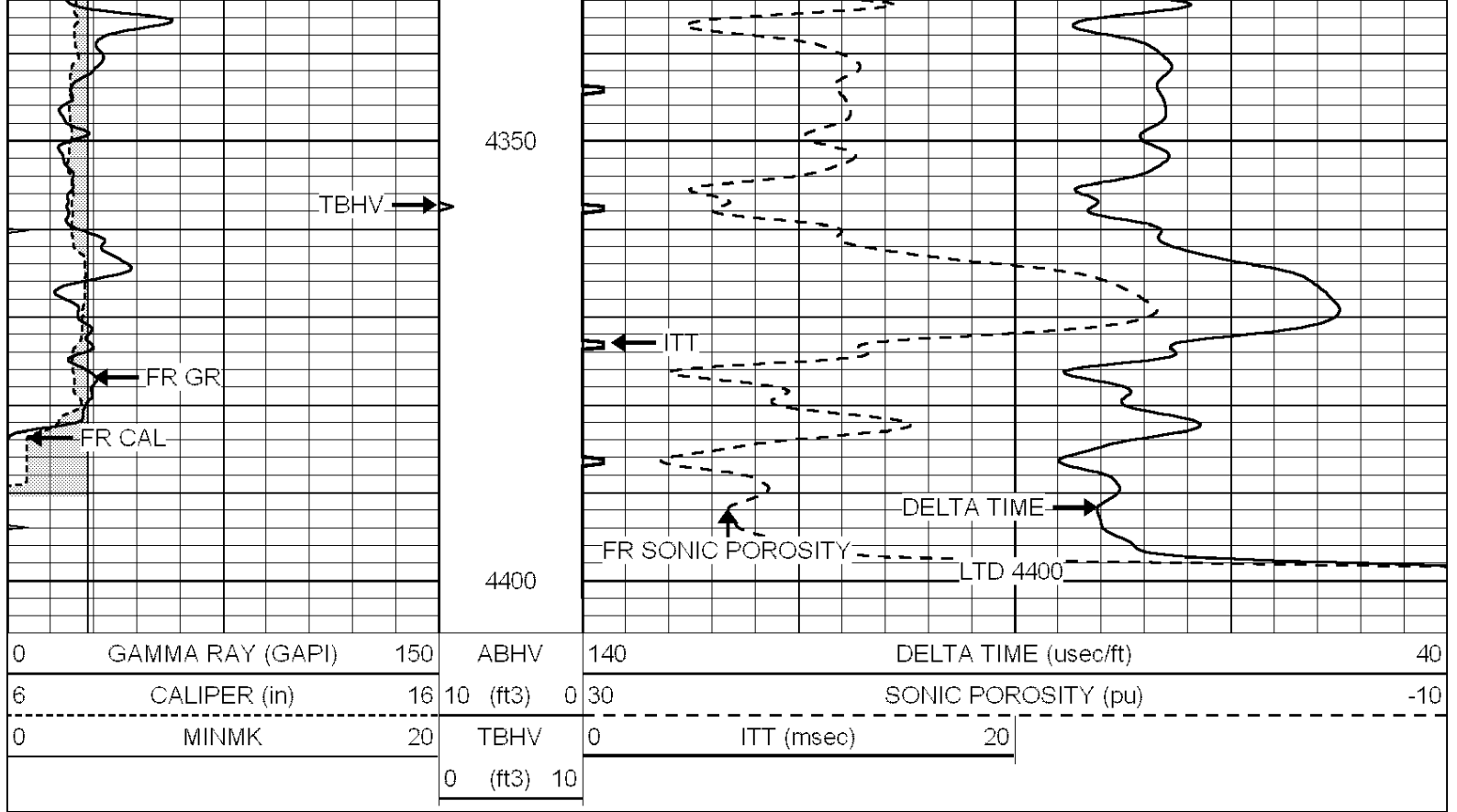
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4250

4300

5.5" ABHV





REPEAT SECTION

Database File: 26631ddn.db
 Dataset Pathname: pass5.2
 Presentation Format: slt
 Dataset Creation: Fri Aug 07 22:53:23 2015 by Calc SOC 120430
 Charted by: Depth in Feet scaled 1:240

