



**SONIC
LOG**

Company MULL DRILLING COMPANY, INC.
 Well #1-8 KSU - GOERING UNIT
 Field WILDCAT
 County FINNEY
 State KANSAS

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 Well #1-8 KSU - GOERING UNIT
 Field WILDCAT
 County FINNEY State KANSAS

Location: API # : 15-055-22459-0000
 777' FNL & 124' FWL
 SEC 8 TWP 21S RGE 31W
 Permanent Datum GROUND LEVEL Elevation 2893
 Log Measured From KELLY BUSHING 5' A.G.L.
 Drilling Measured From KELLY BUSHING
 Other Services
 CDL/CNL/PE
 DIL/MEL
 Elevation
 K.B. 2898
 D.F. 2896
 G.L. 2893

Date	8/24/17
Run Number	TWO
Depth Driller	4790
Depth Logger	4788
Bottom Logged Interval	4780
Top Log Interval	200
Casing Driller	8 5/8"@260'
Casing Logger	260
Bit Size	7 7/8"
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.3/48
pH / Fluid Loss	9.5/9.2
Source of Sample	FLOWLINE
Rim @ Meas. Temp	.900@80F
Rmf @ Meas. Temp	.675@80F
Rmc @ Meas. Temp	1.08@80F
Source of Rmf / Rmc	MEASUREMENT
Rim @ BHT	.585@123F
Time Circulation Stopped	4.5 HOURS
Time Logger on Bottom	6:45 A.M.
Maximum Recorded Temperature	123F
Equipment Number	922339
Location	HAYS, KANSAS
Recorded By	JEFF LUEBBERS
Witnessed By	KEVIN KESSLER

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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

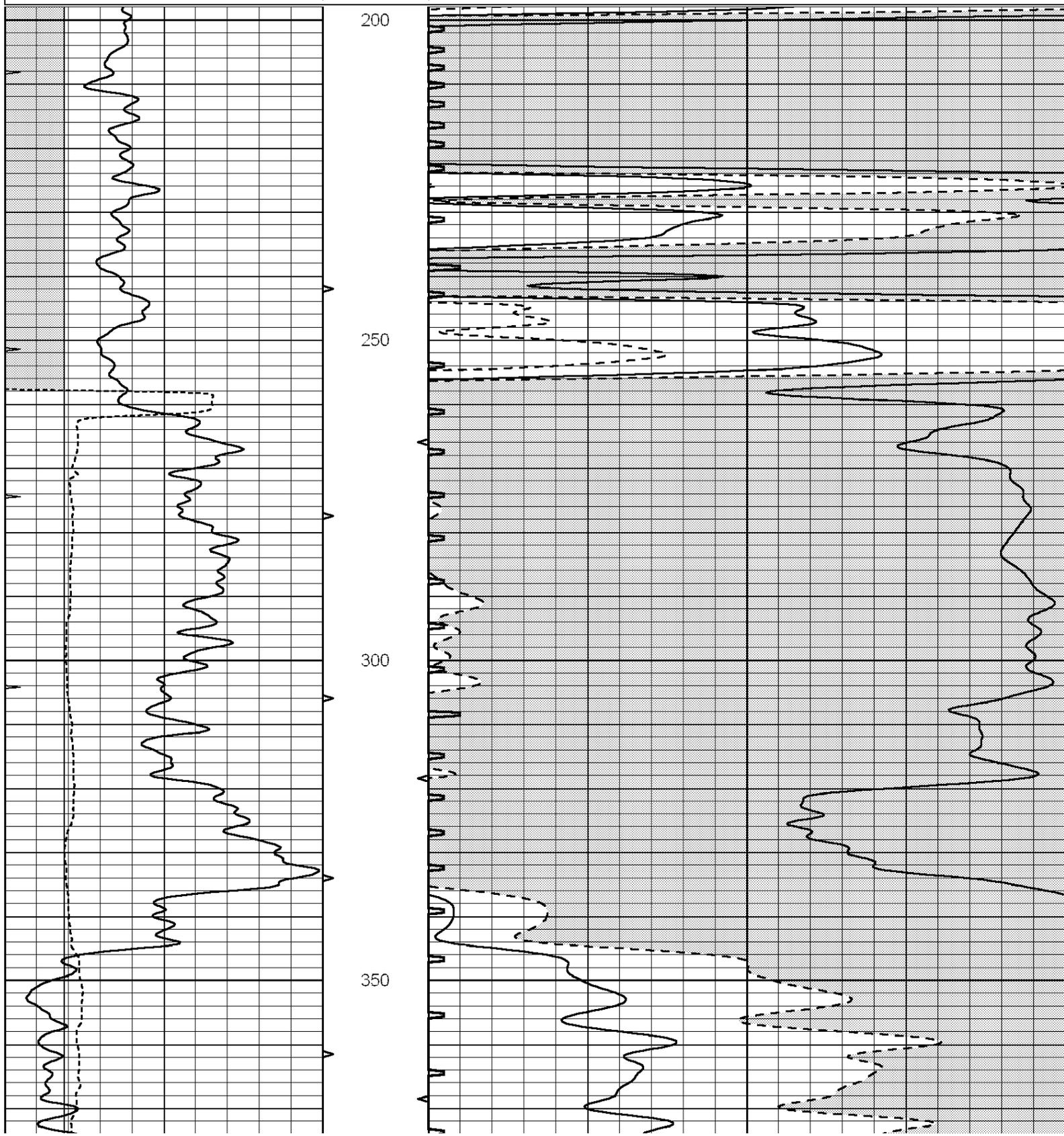
THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395
 DIRECTIONS
 SCOTT CITY, KS., 18S. ON HWY 83 TO "MEAD RD.", 7E. TO "SIXTEEN MILE RD.", 1 1/2N., E. INTO THEN
 BACK SOUTH ALONG FENCE

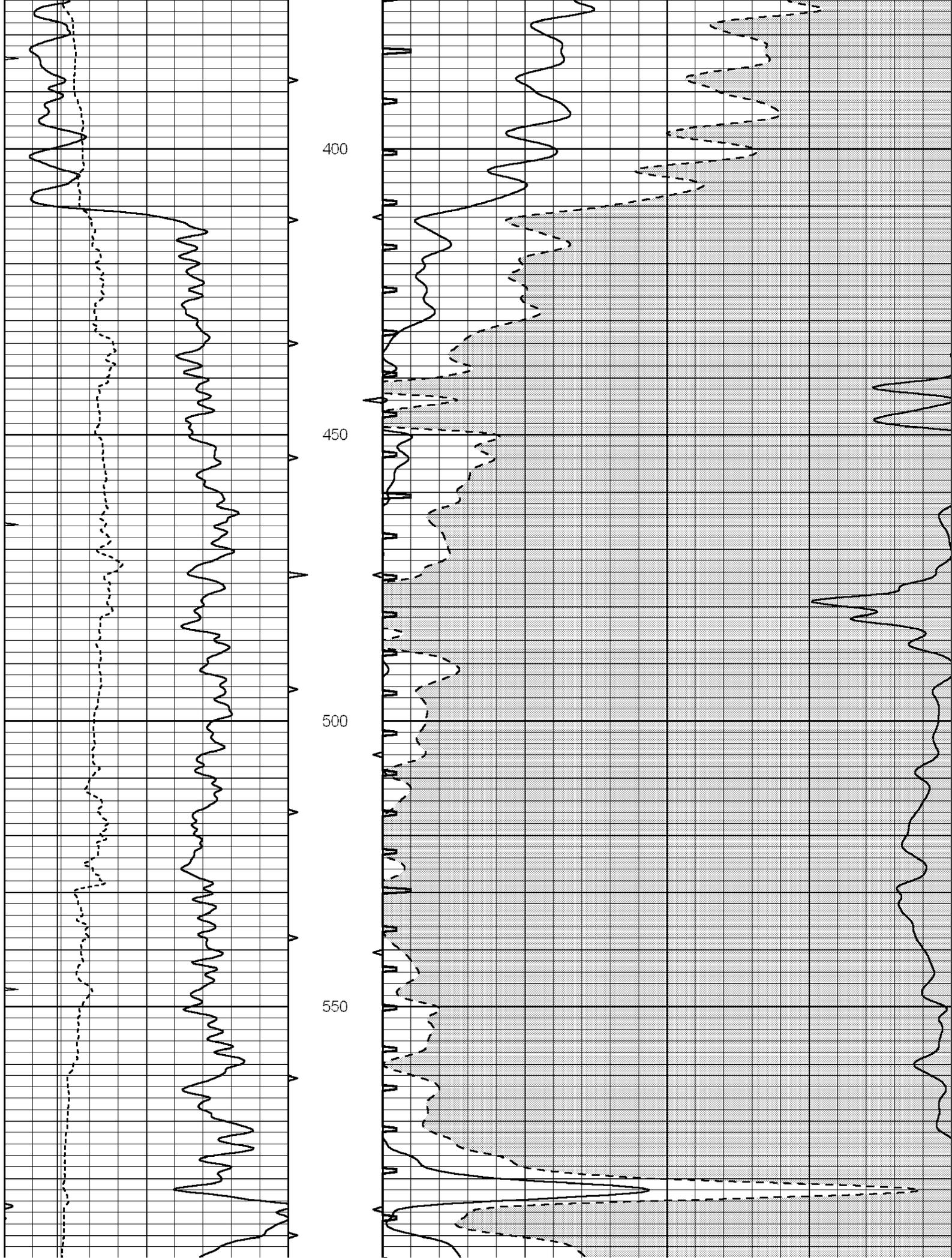


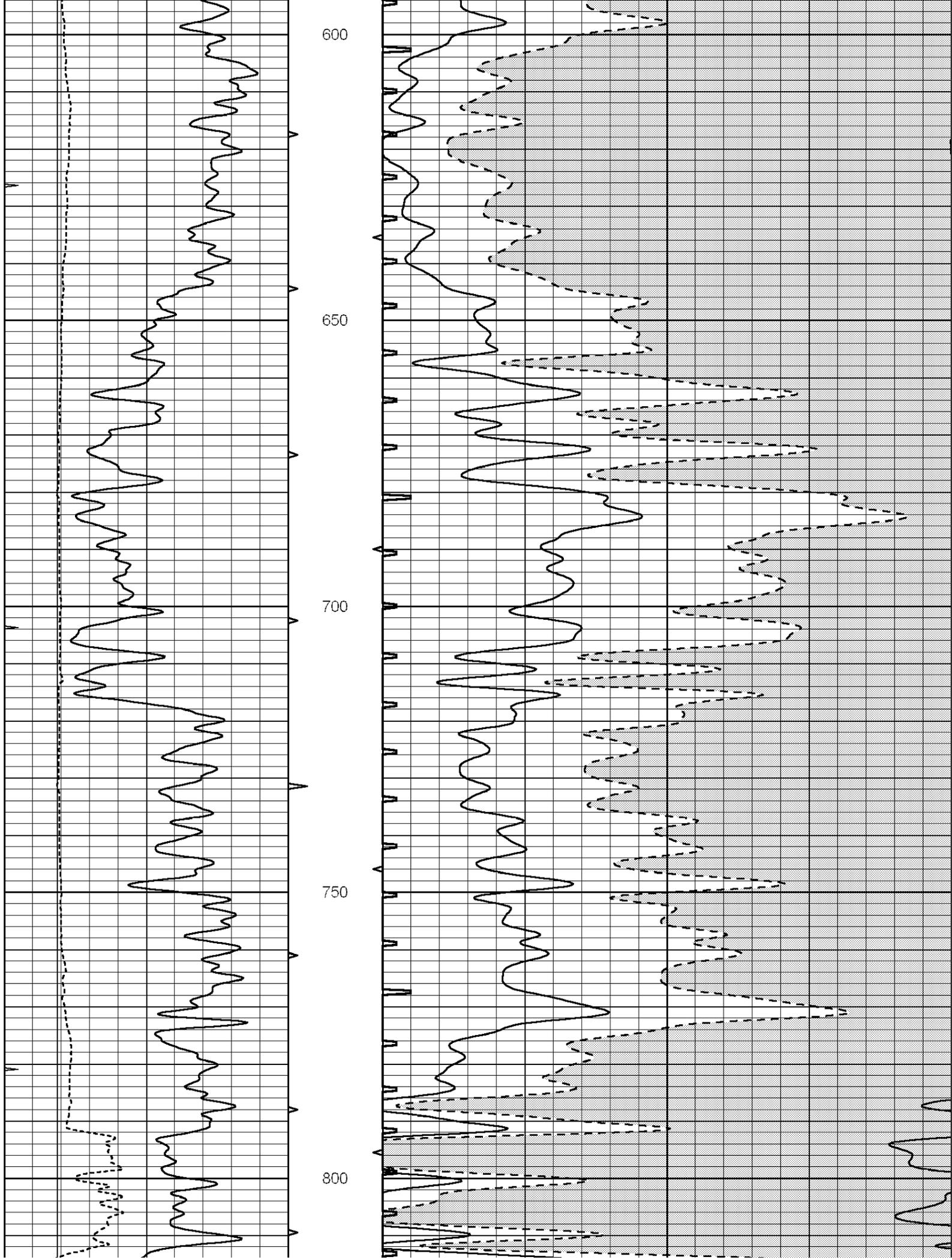
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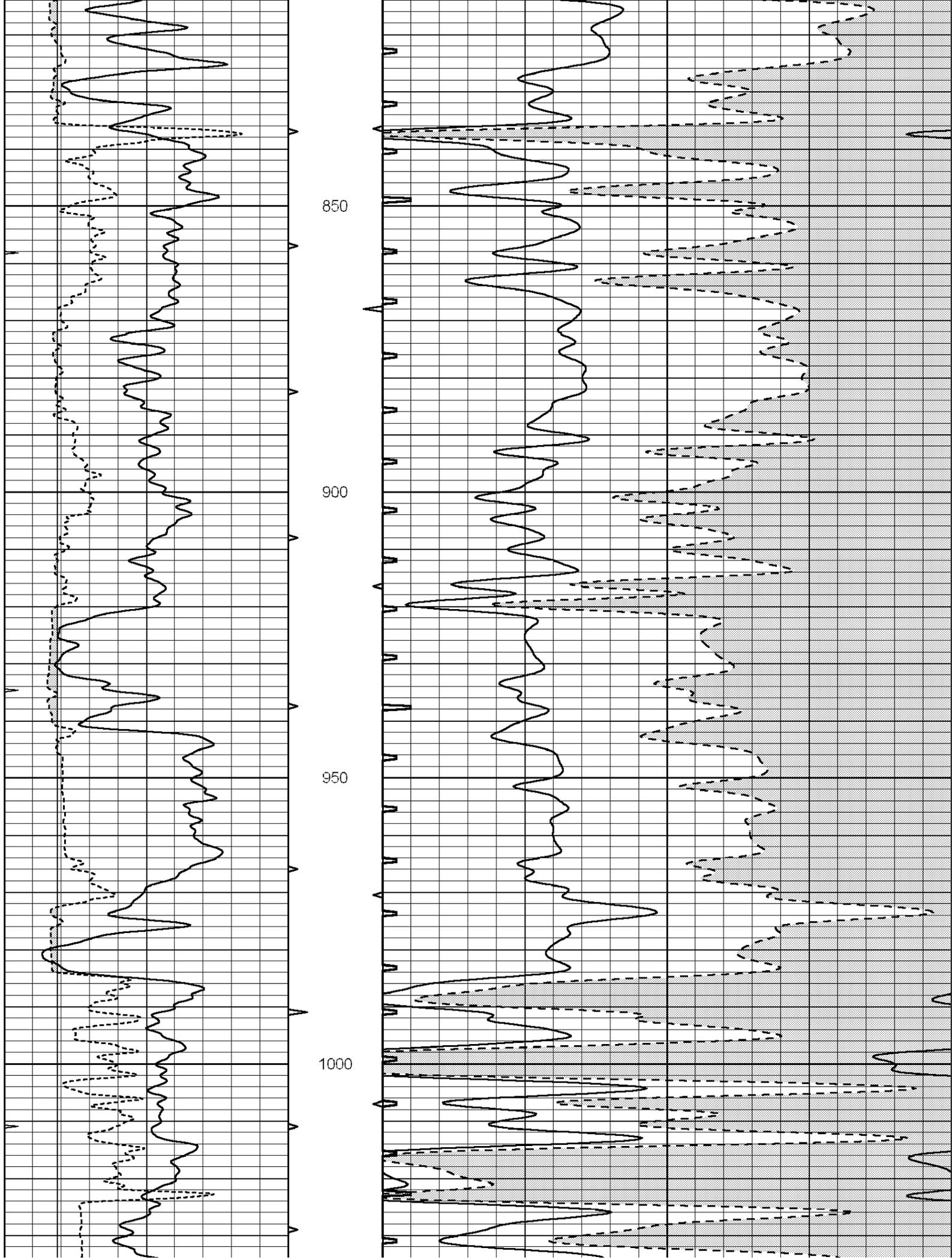
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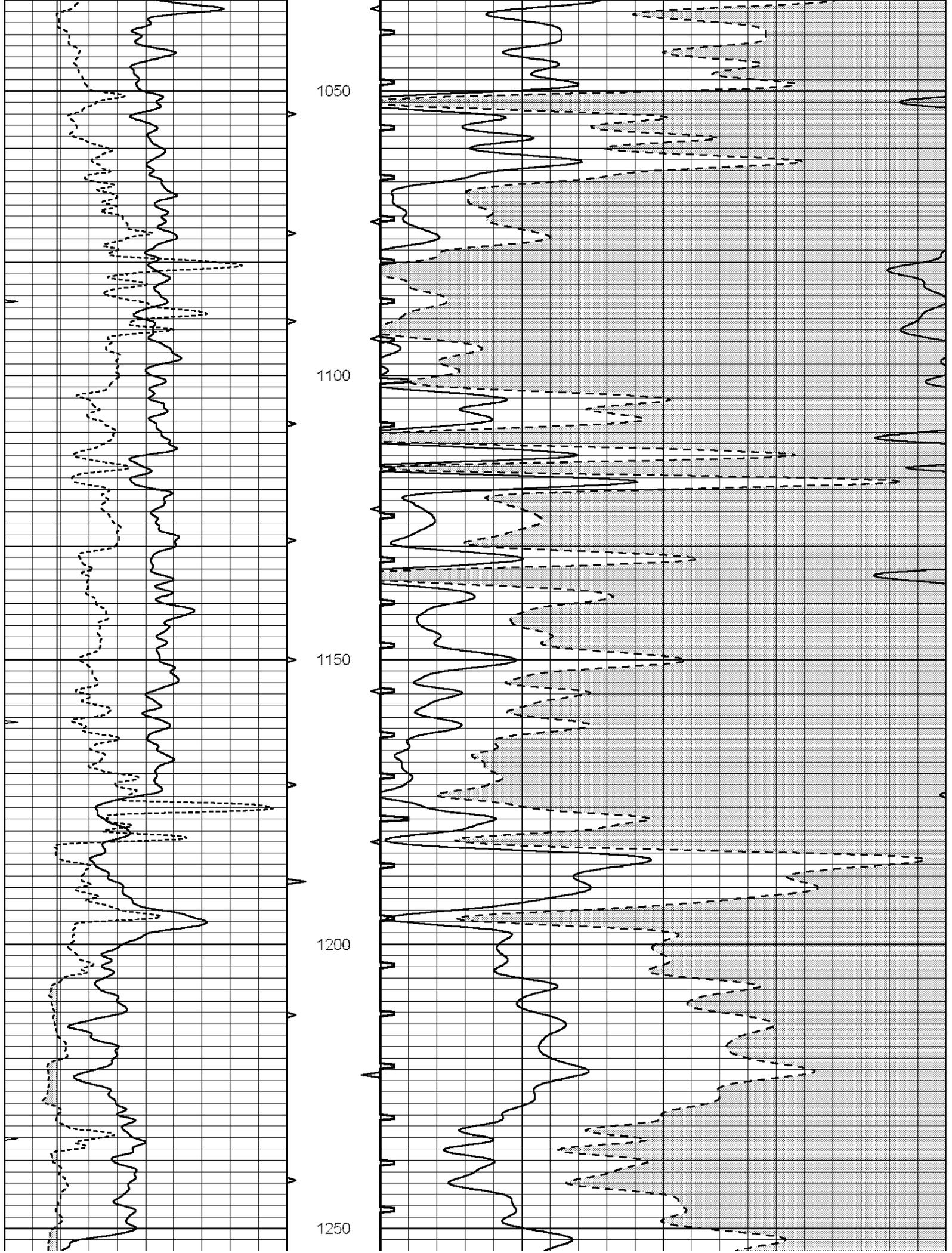
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6	CALIPER (in)	16	10 (ft3)	0	30	SONIC POROSITY (pu)	-10
0	MINMK	20	TBHV	0	ITT (msec)	20	
			0 (ft3)	10			

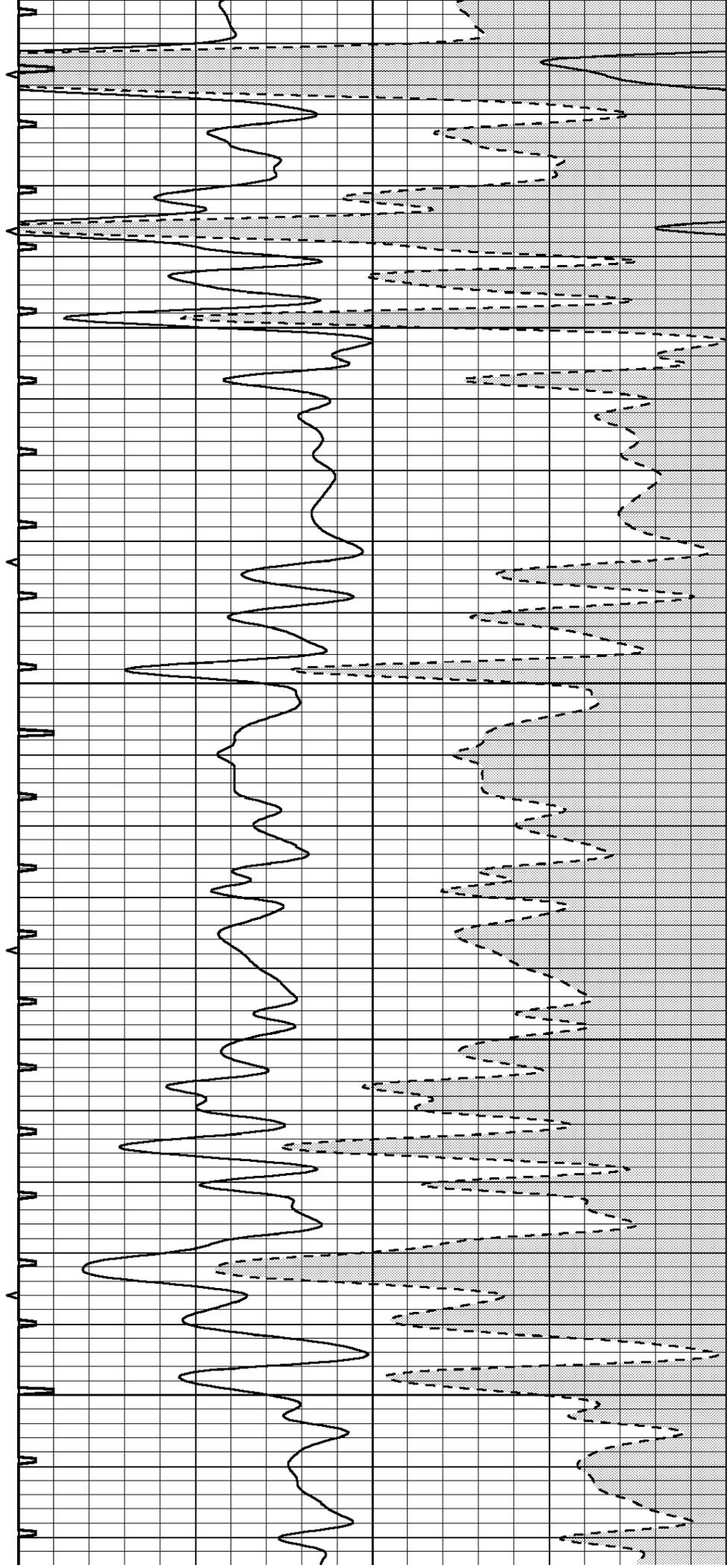
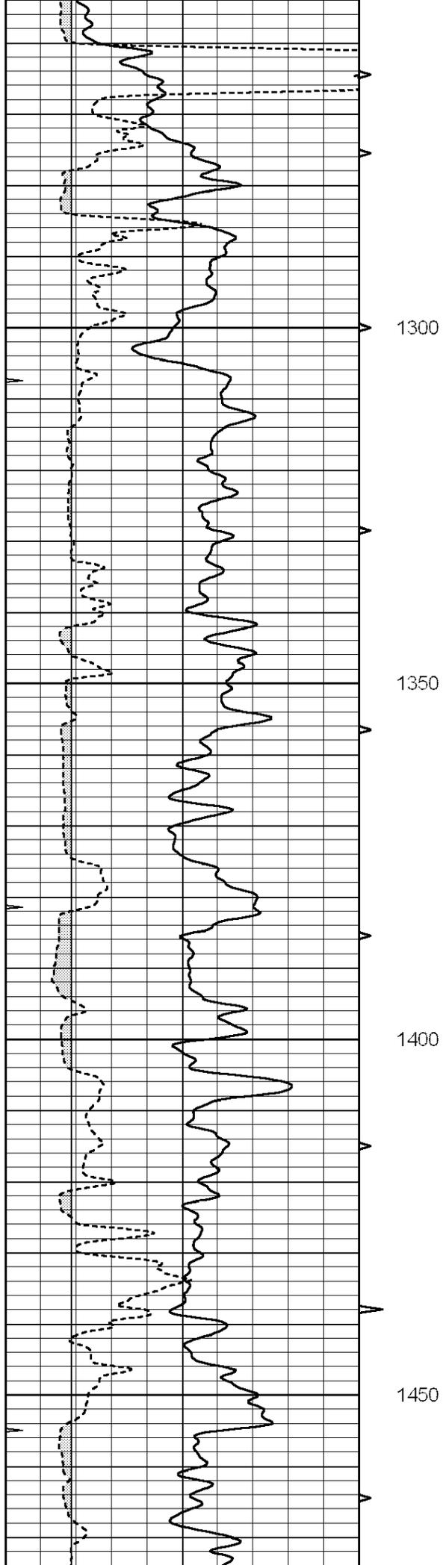


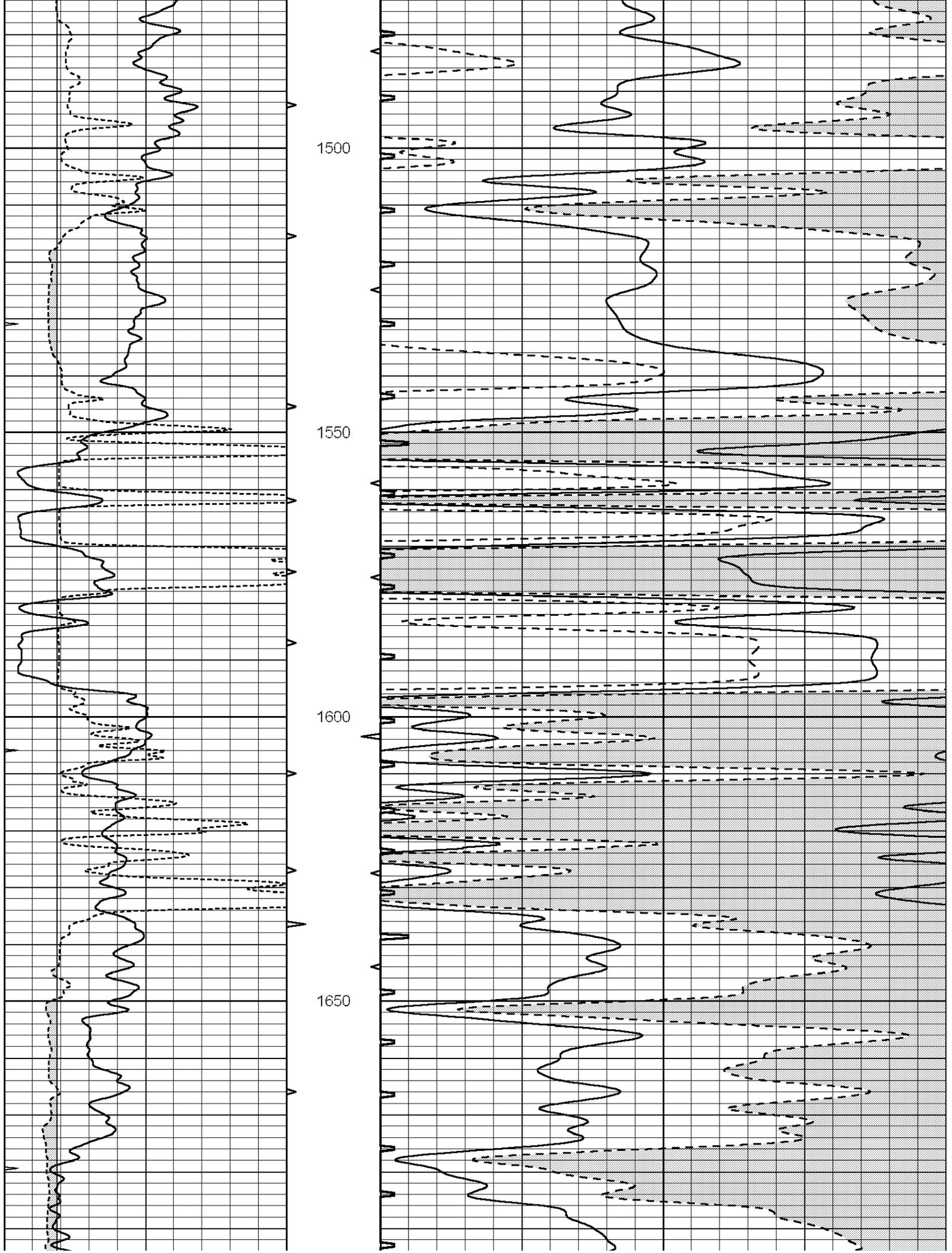


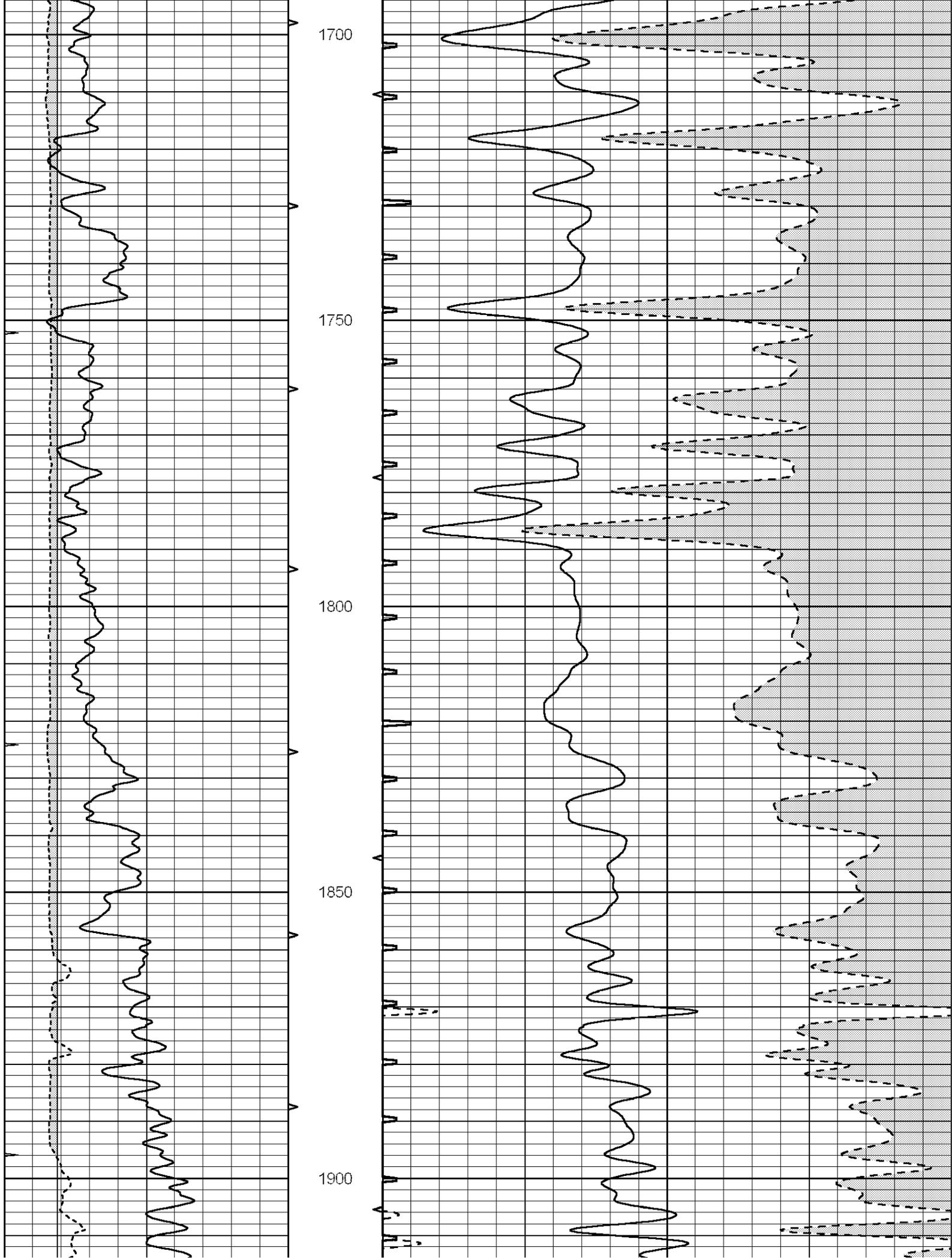


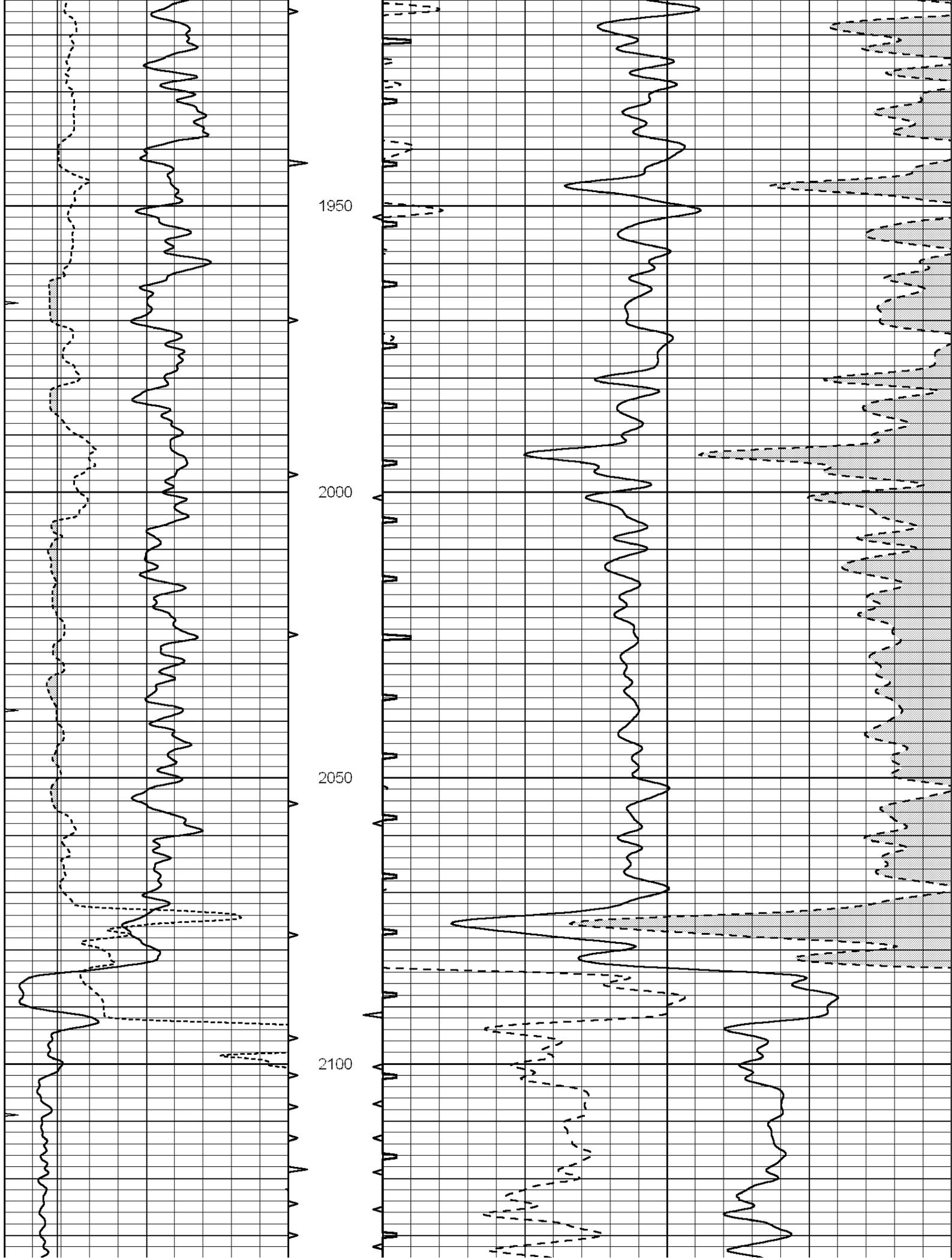


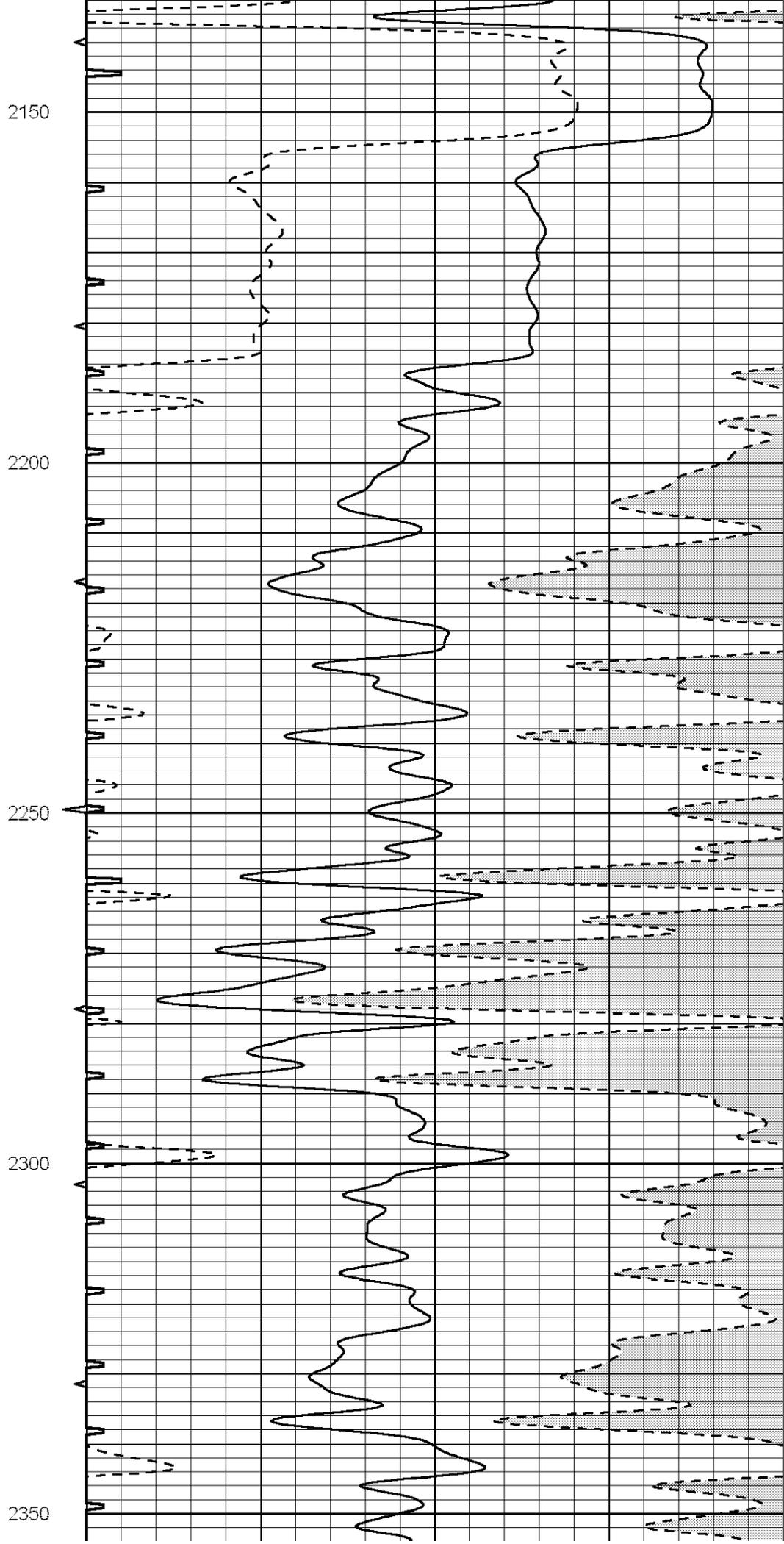
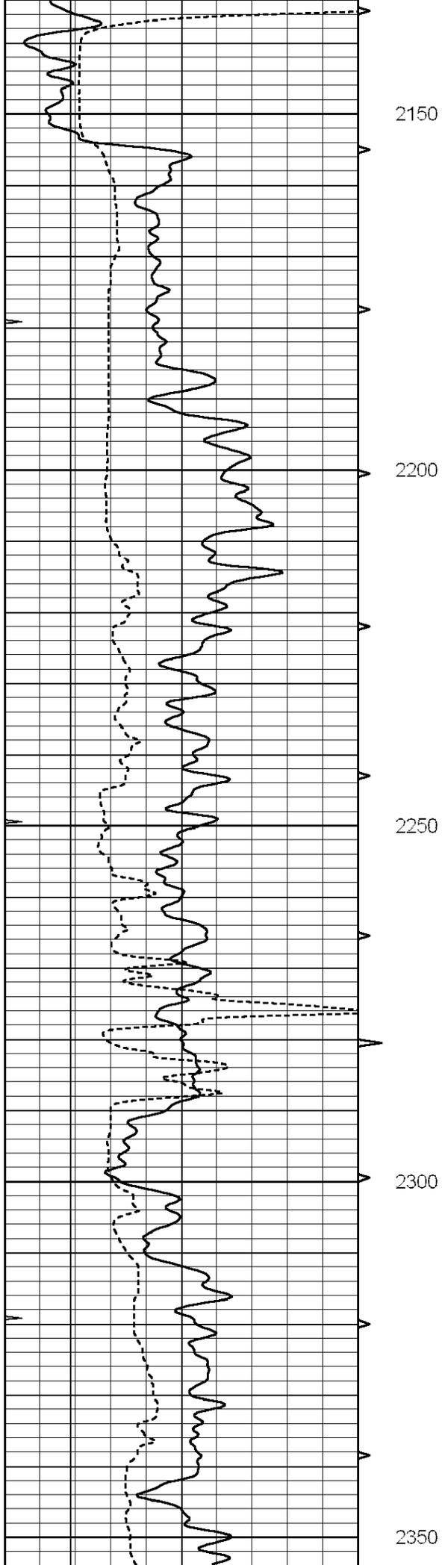


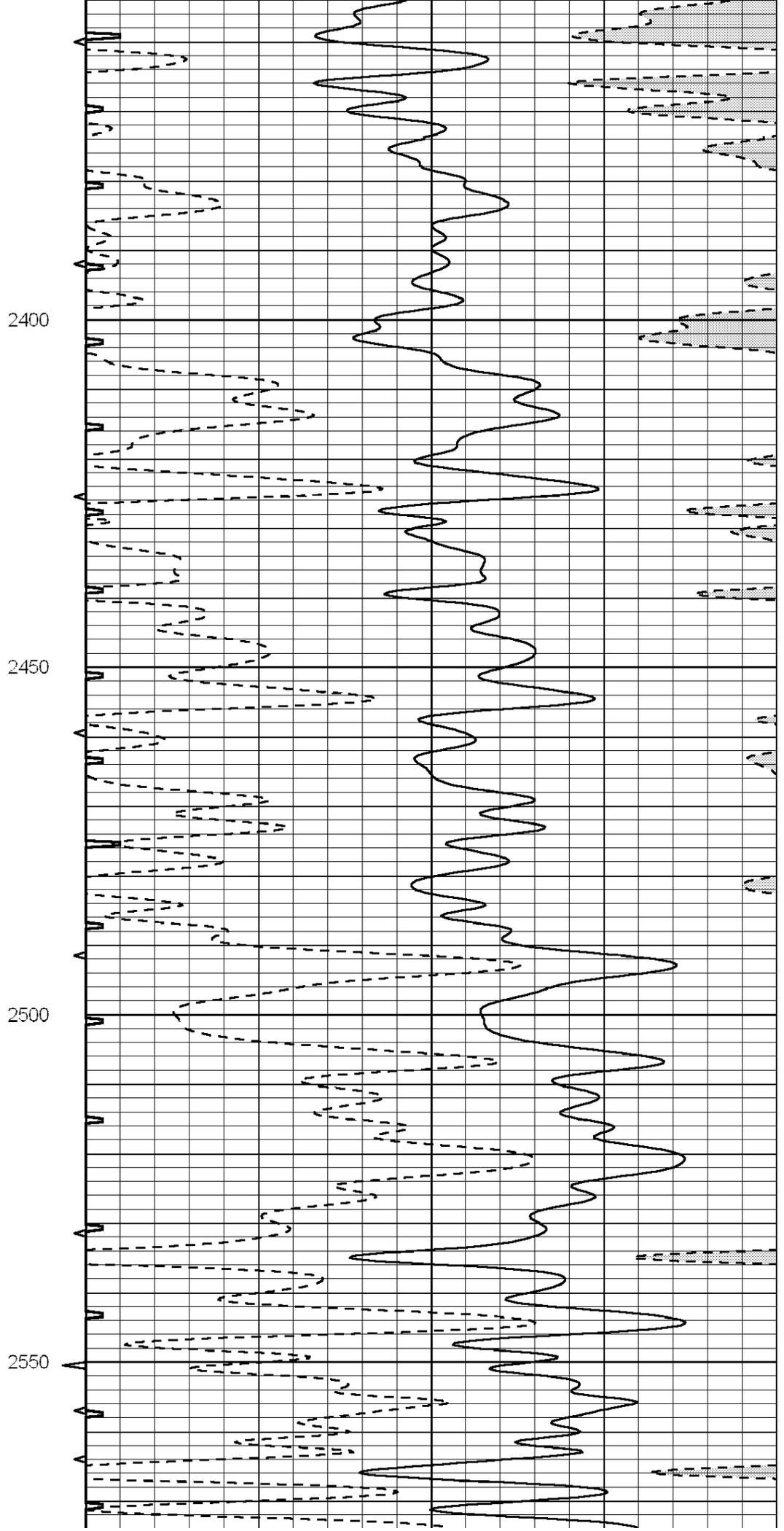
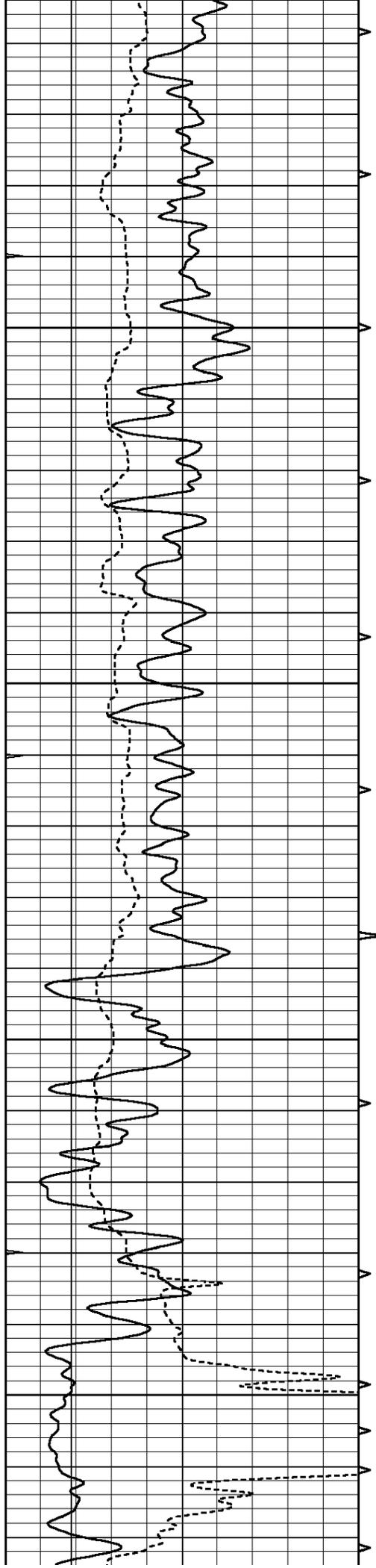


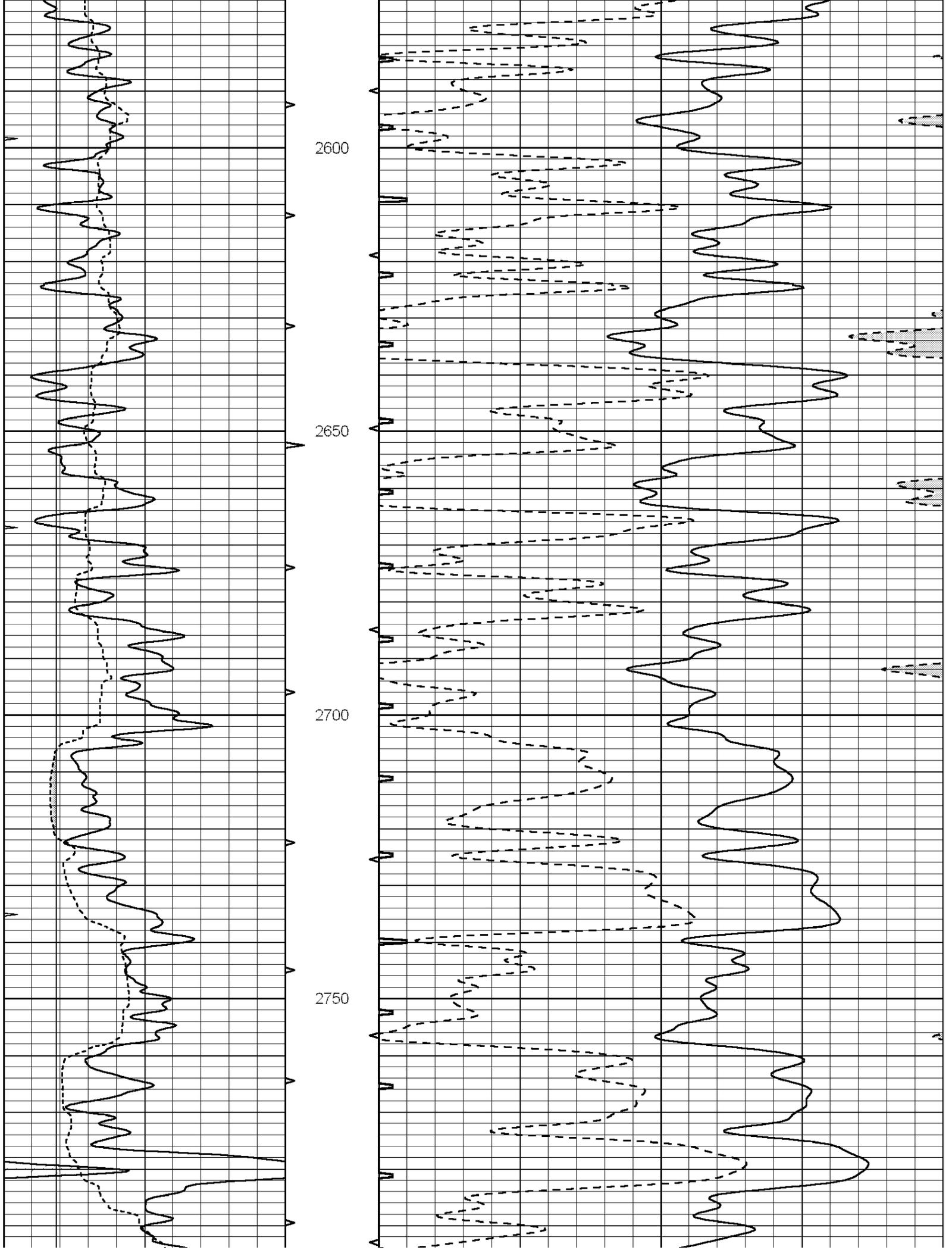


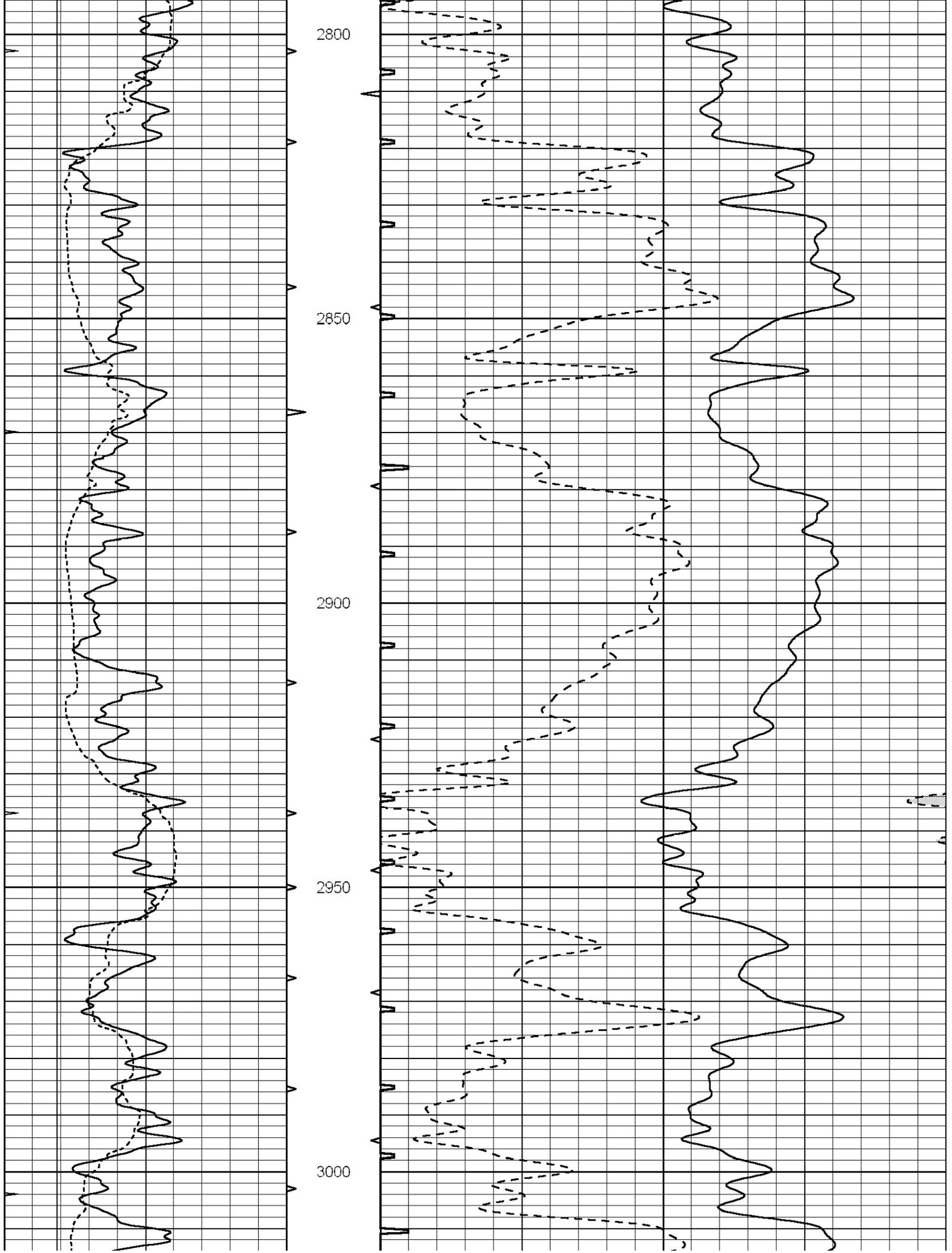


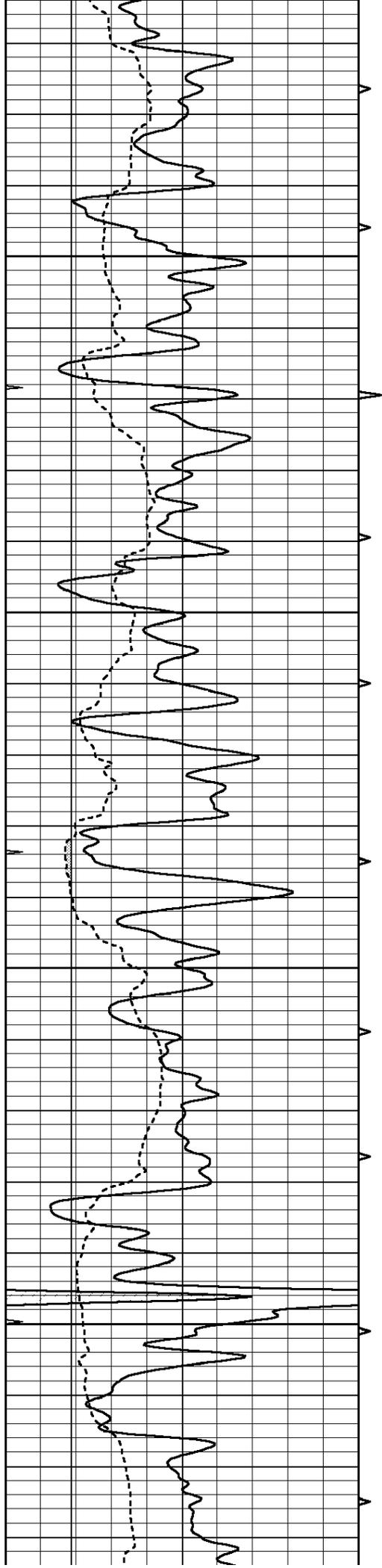










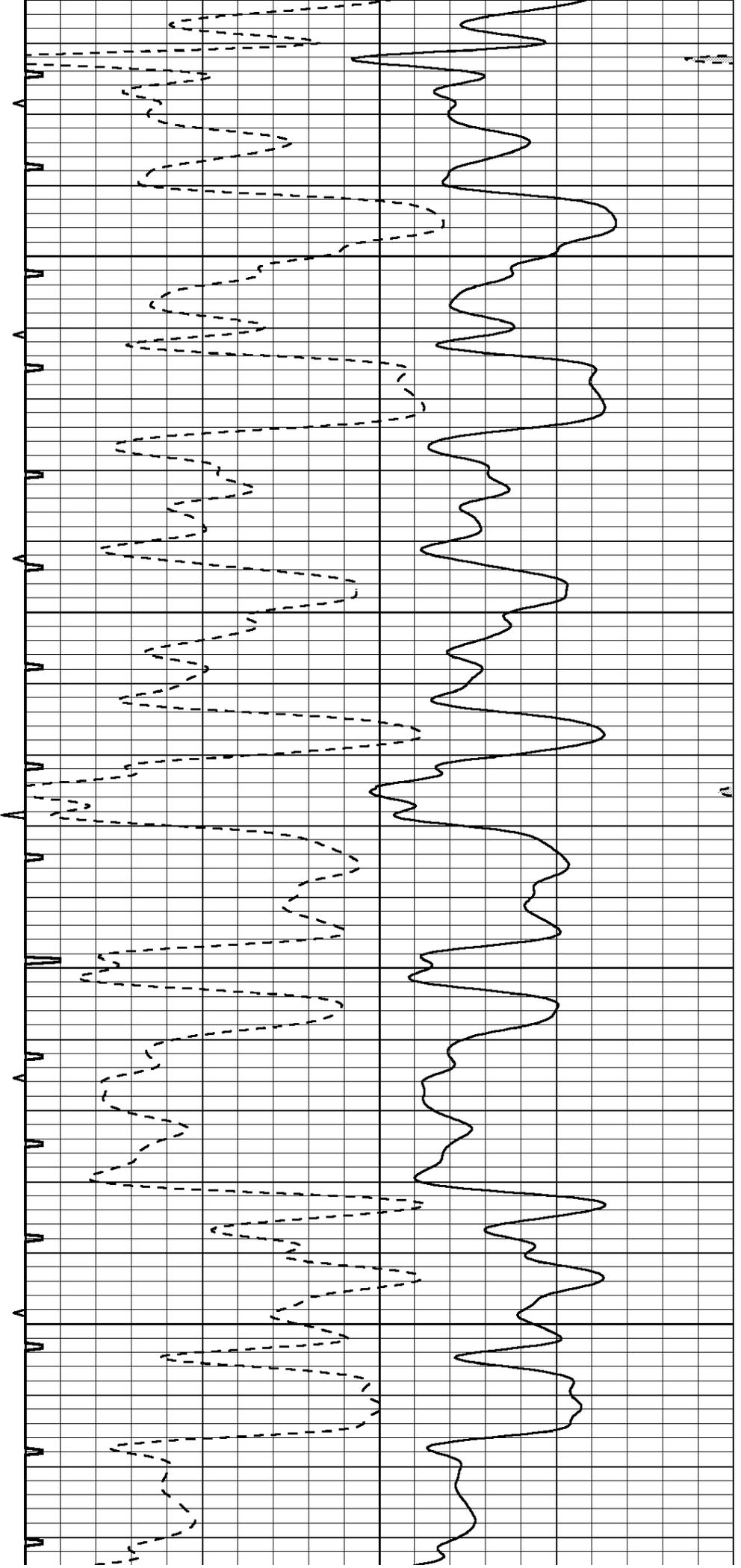


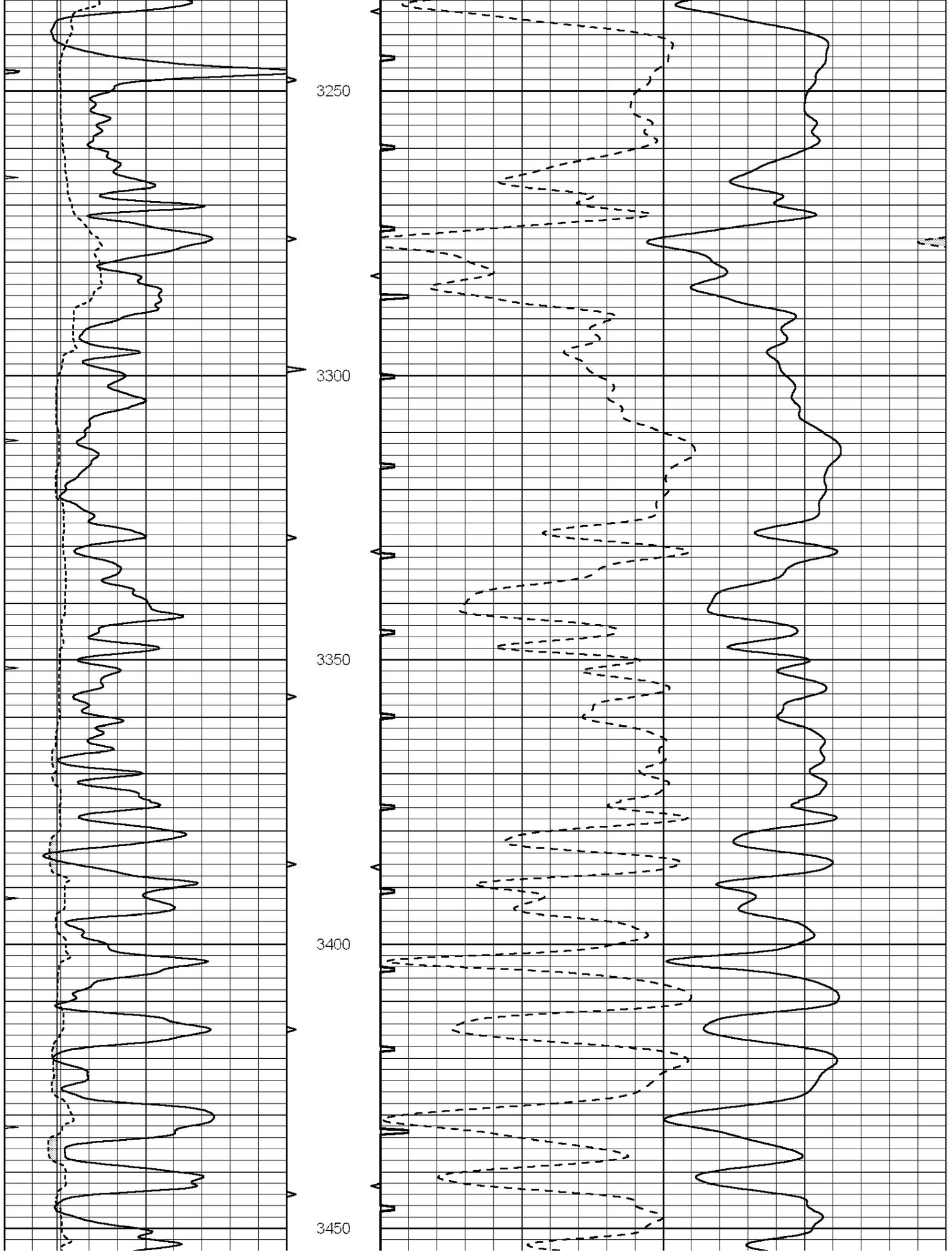
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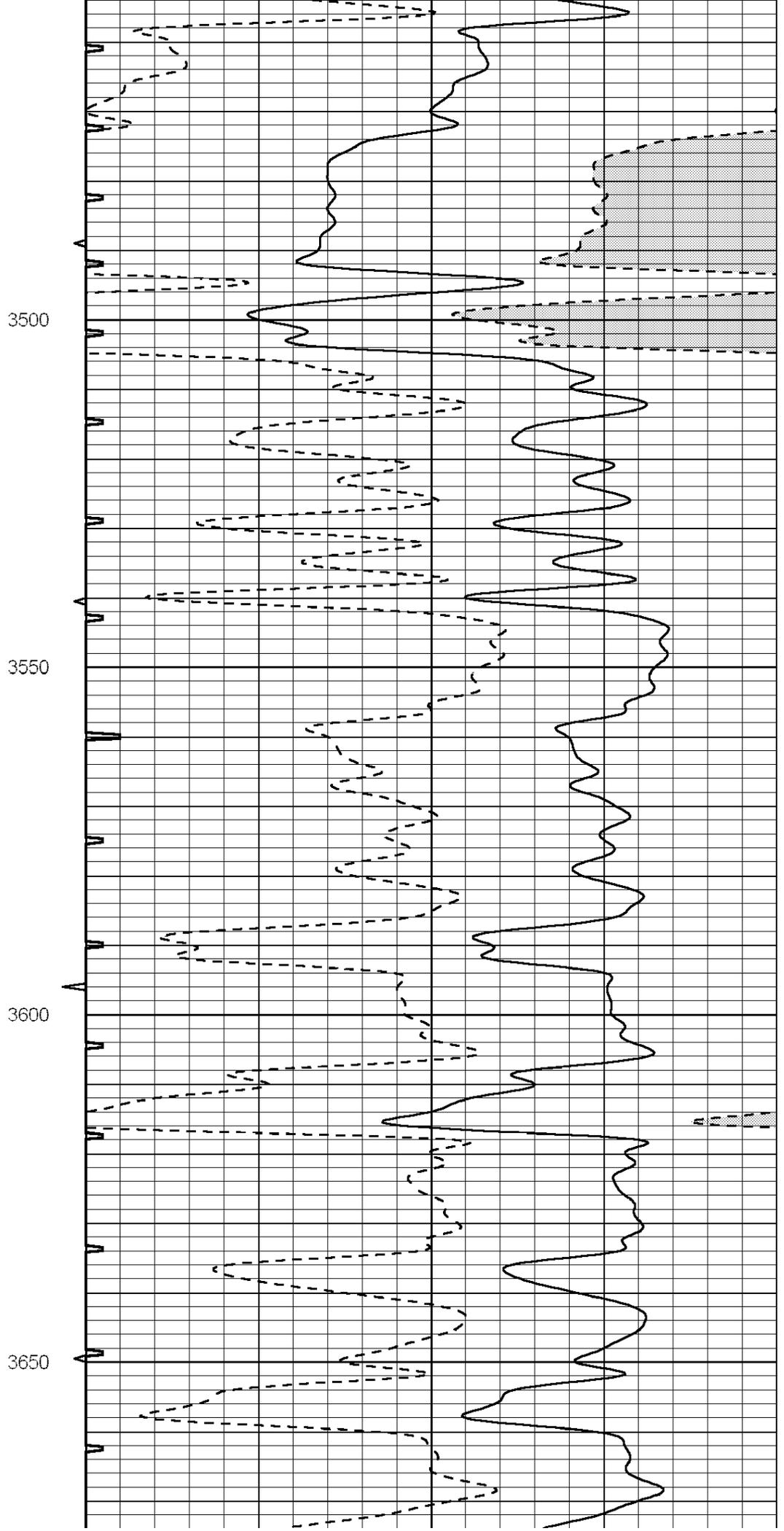
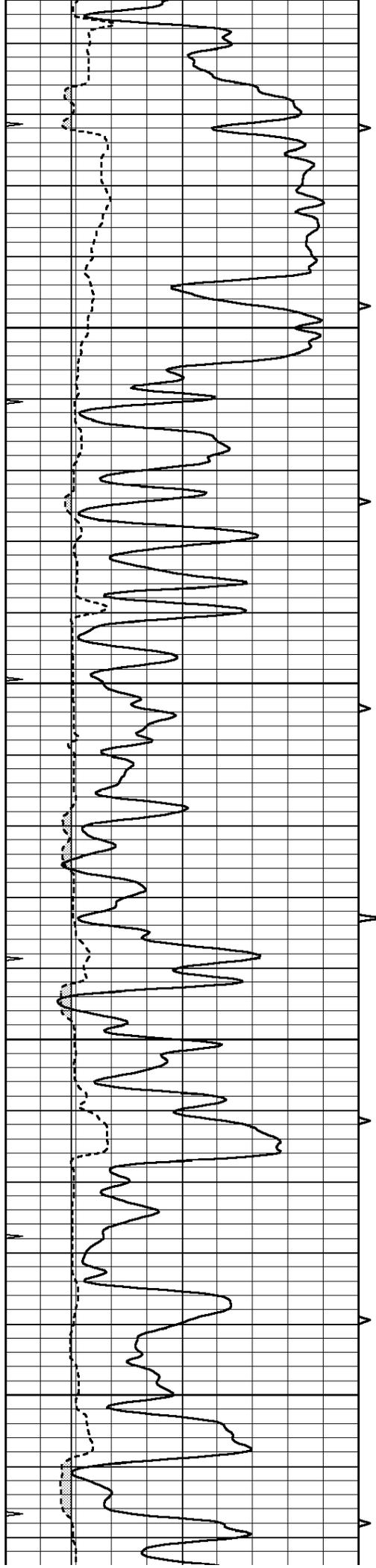
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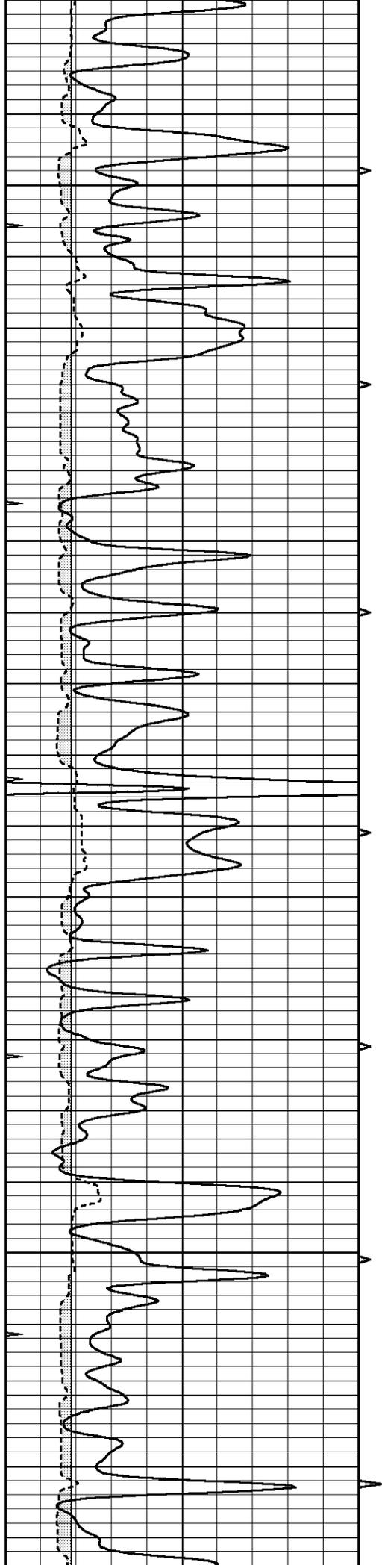
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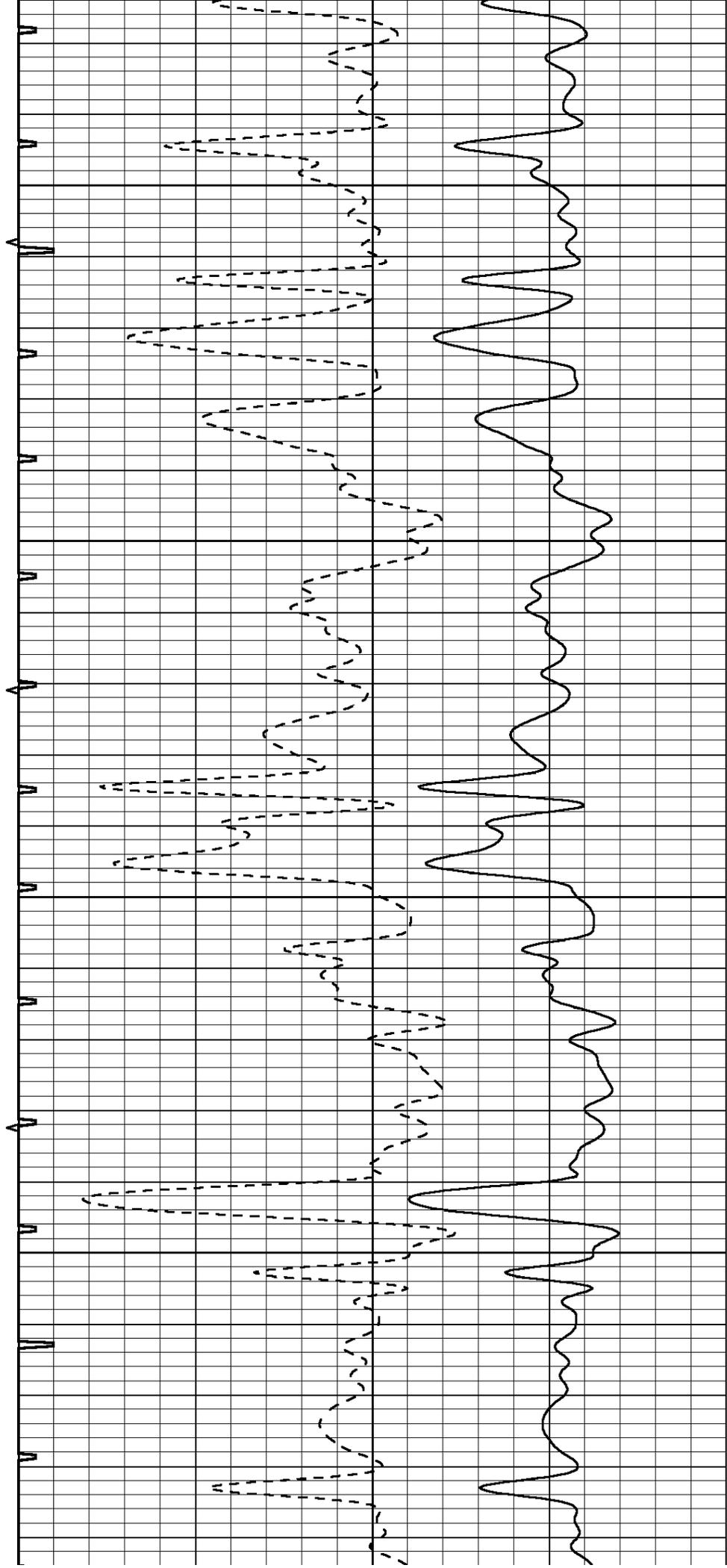


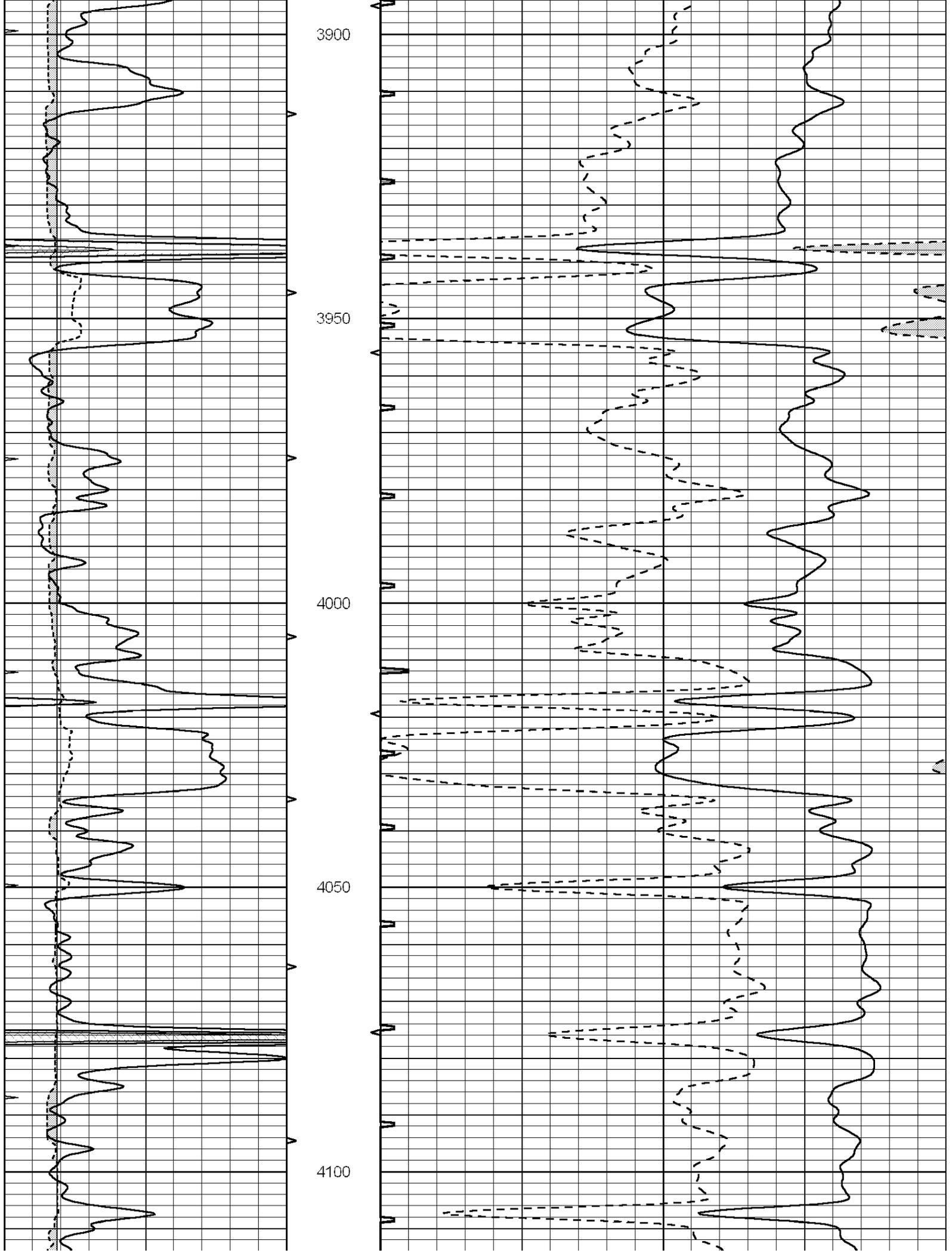
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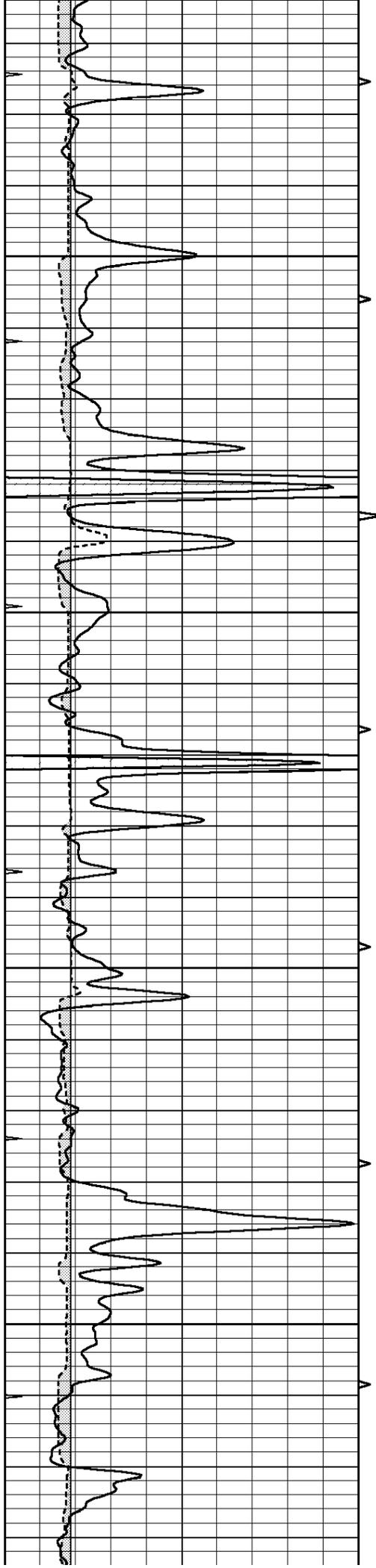
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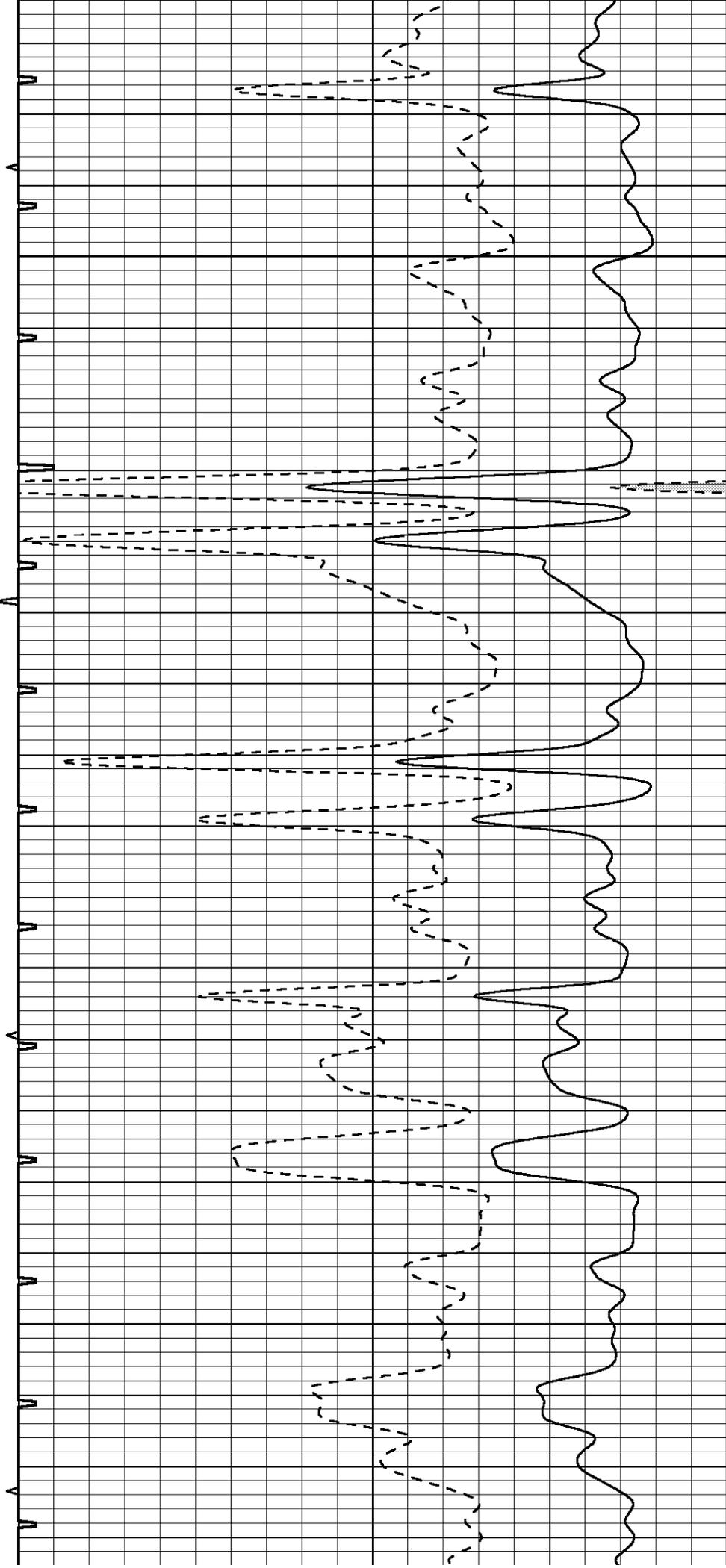


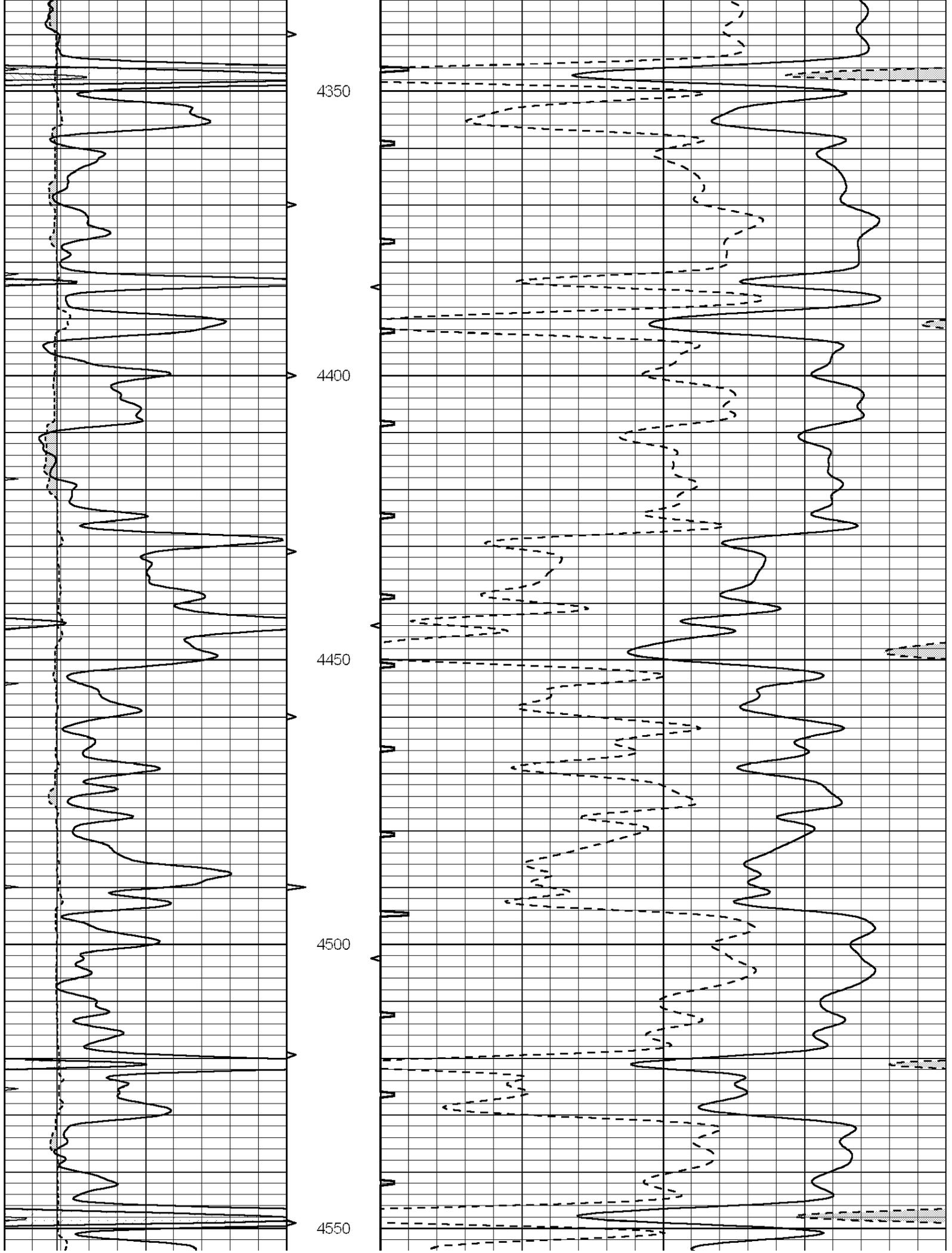
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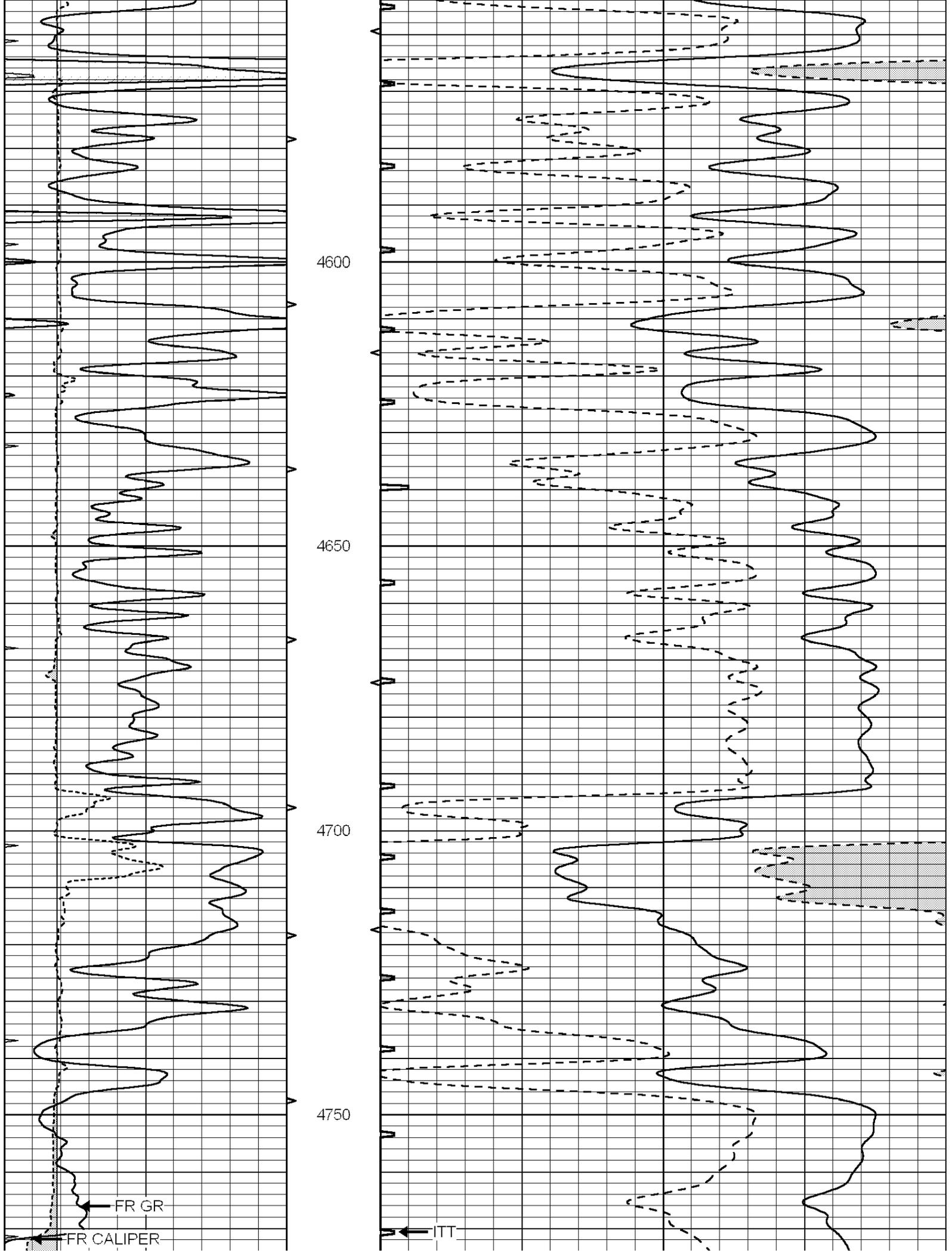
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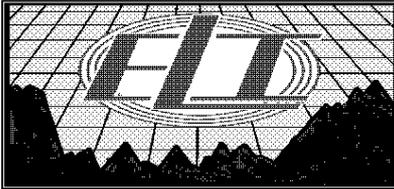
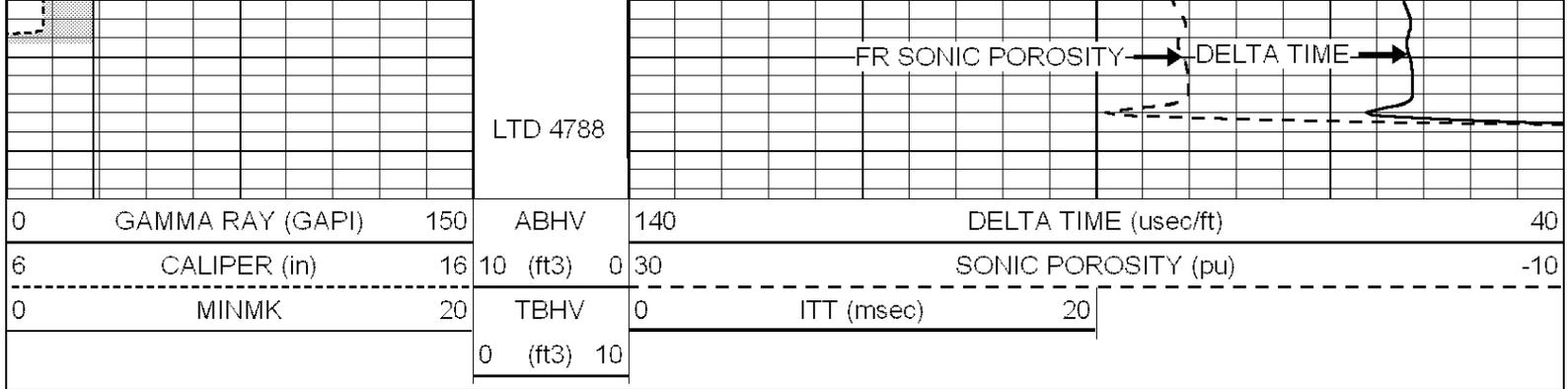
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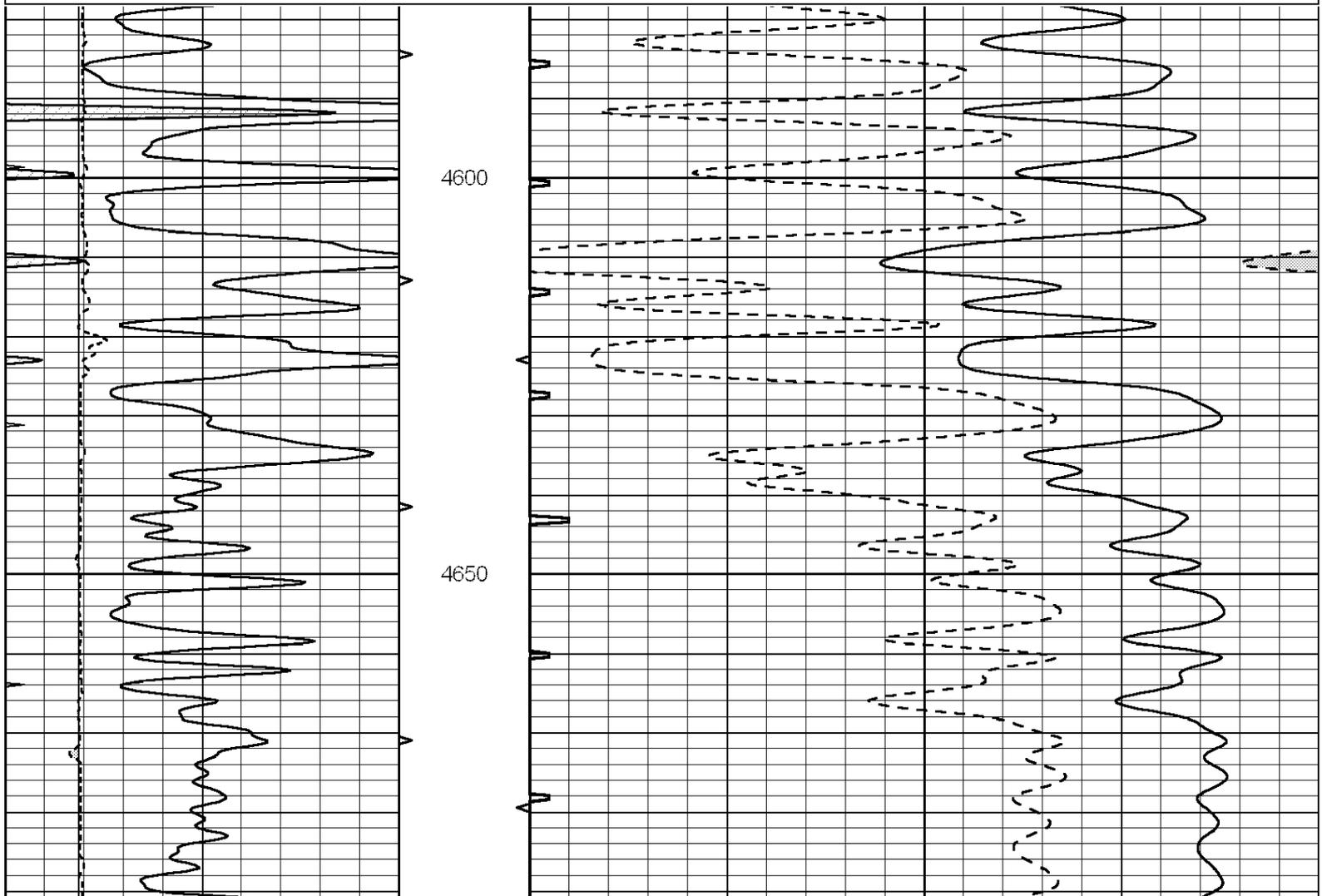
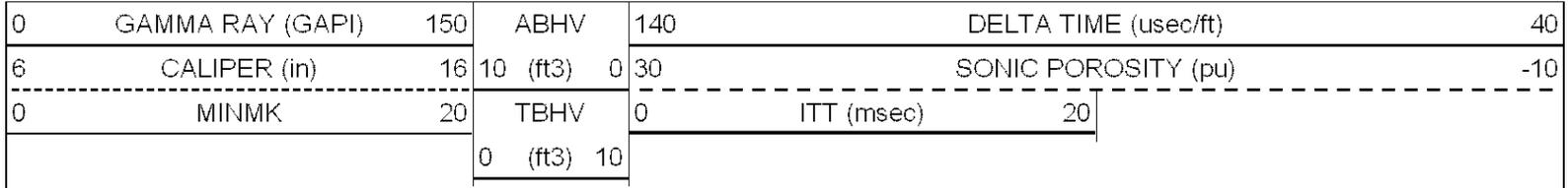


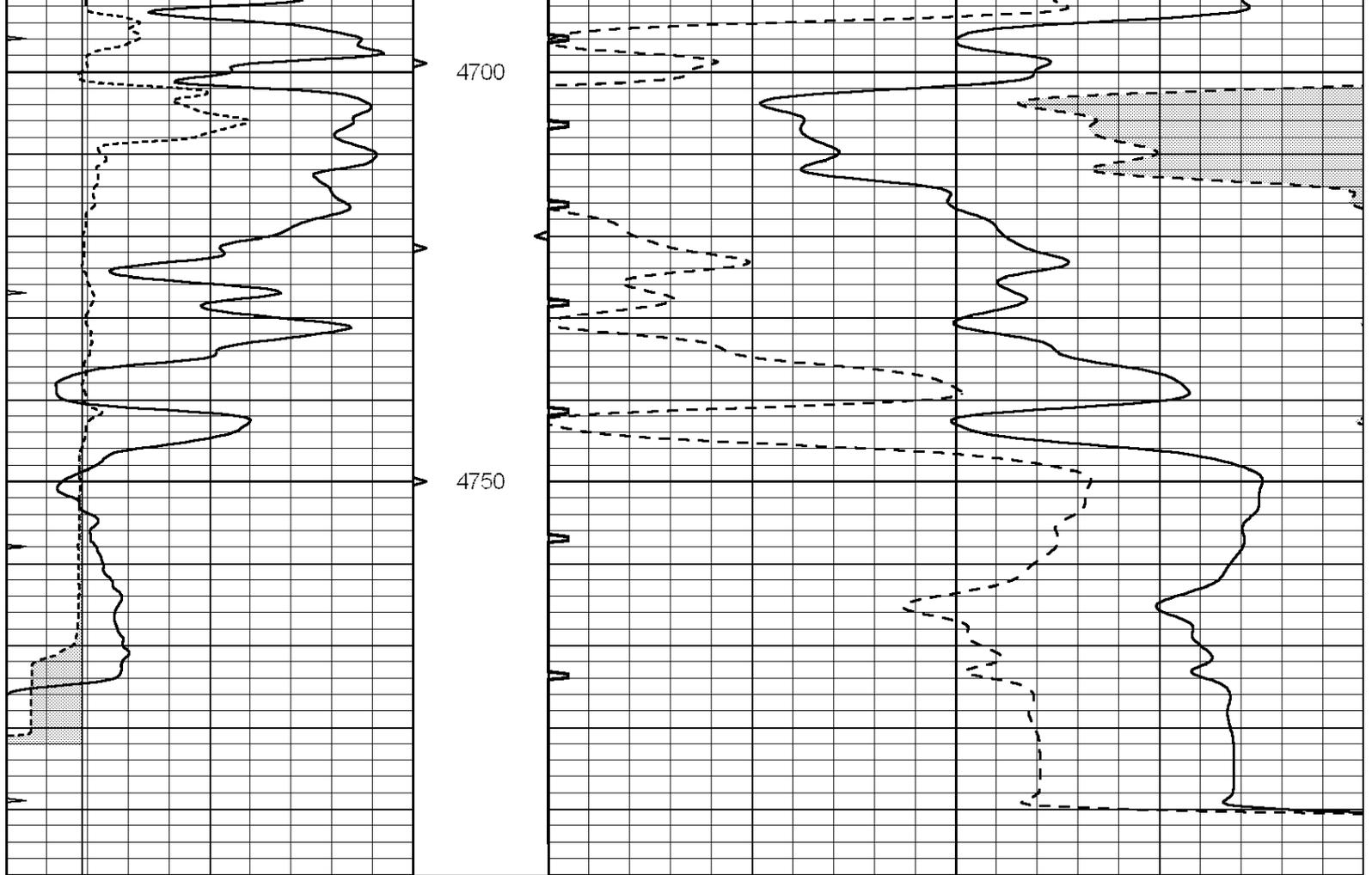




REPEAT SECTION

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 Charted by: Depth in Feet scaled 1:240





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