



**SONIC LOG**

Company EAGLE CREEK CORPORATION  
 Well BRANTNER #1-5  
 Field WILDCAT  
 County WICHITA  
 State KANSAS

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 Well BRANTNER #1-5  
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Location: 1513' FSL & 1056' FWL  
 API # : 15-171-21238-0000  
 SEC 5 TWP 17S RGE 34W  
 Permanent Datum GROUND LEVEL Elevation 3148  
 Log Measured From KELLY BUSHING 5' A.G.L.  
 Drilling Measured From KELLY BUSHING  
 Other Services  
 CDD/CNL/PE  
 DIL/ MEL  
 Elevation  
 K.B. 3153  
 D.F. 3151  
 G.L. 3148

Date	11/8/18
Run Number	TWO
Depth Driller	4930
Depth Logger	4930
Bottom Logged Interval	4922
Top Log Interval	200
Casing Driller	8 5/8"@262'
Casing Logger	262
Bit Size	7 7/8"
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.2/67
pH / Fluid Loss	10.5/8.0
Source of Sample	FLOWLINE
Rim @ Meas. Temp	.500@80F
Rmf @ Meas. Temp	.375@80F
Rmc @ Meas. Temp	.600@80F
Source of Rmf / Rmc	MEASUREMENT
Rim @ BHT	.323@124F
Time Circulation Stopped	4 HOURS
Time Logger on Bottom	11:00 P.M.
Maximum Recorded Temperature	124F
Equipment Number	922339
Location	HAYS, KANSAS
Recorded By	JEFF LUEBBERS
Witnessed By	ROCKY MILFORD

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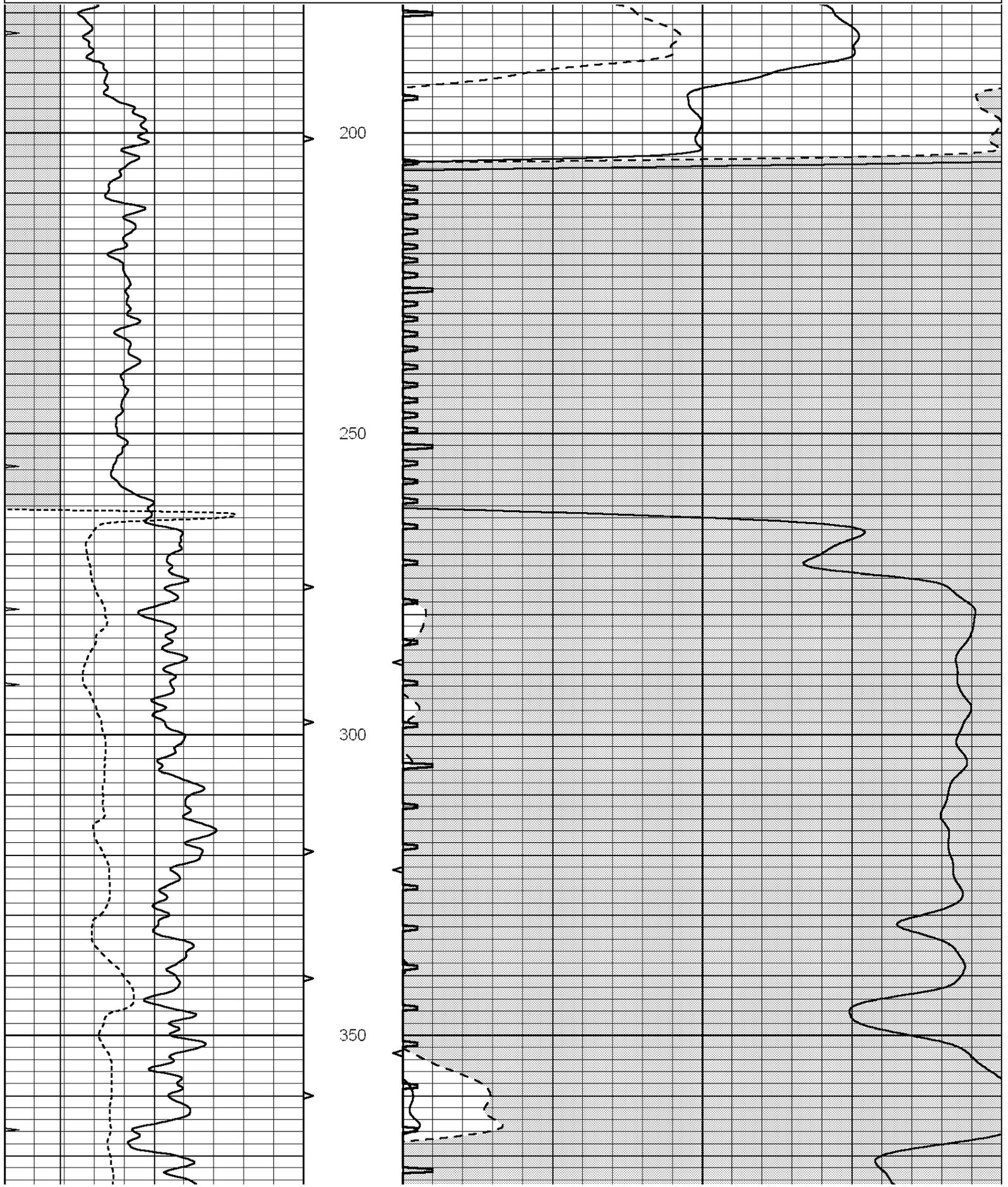
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

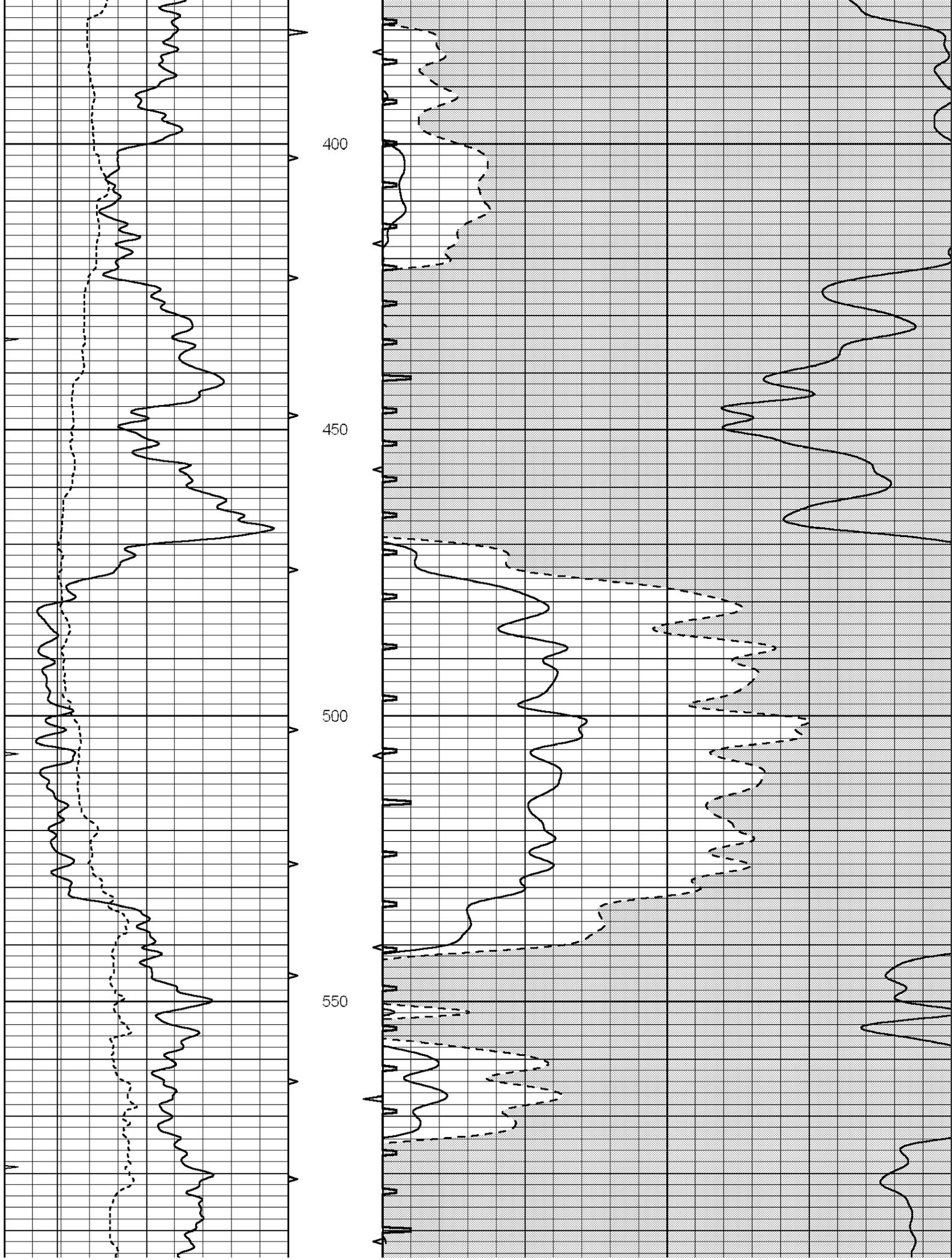
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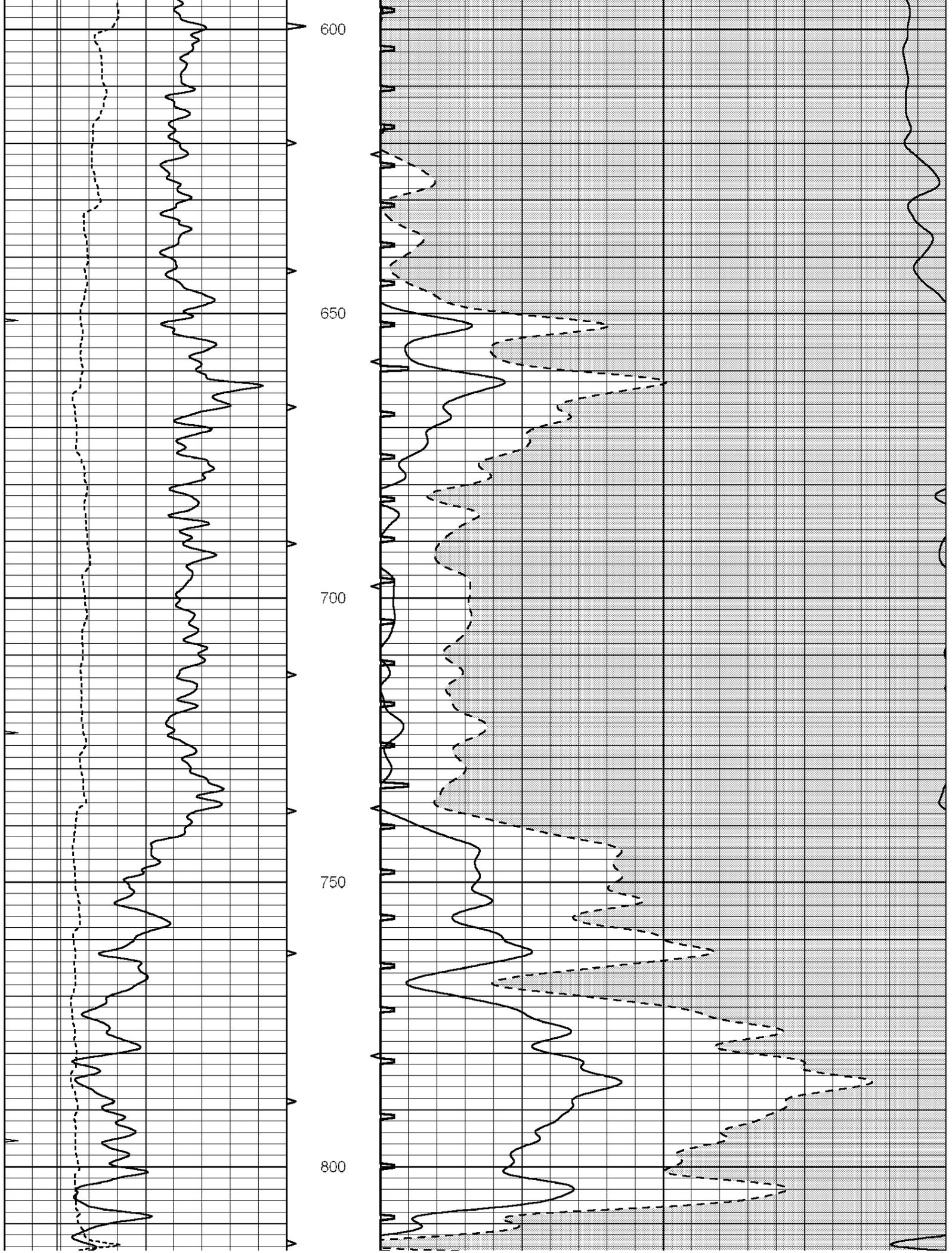
THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395  
 DIRECTIONS  
 SCOTT CITY, KS., 12W. ON HWY96 TO SCOTT/WICHITA COUNTY LINE, 9N. TO "RD. 240", 1E. TO  
 "APACHE RD.", 3/4S., E. INTO

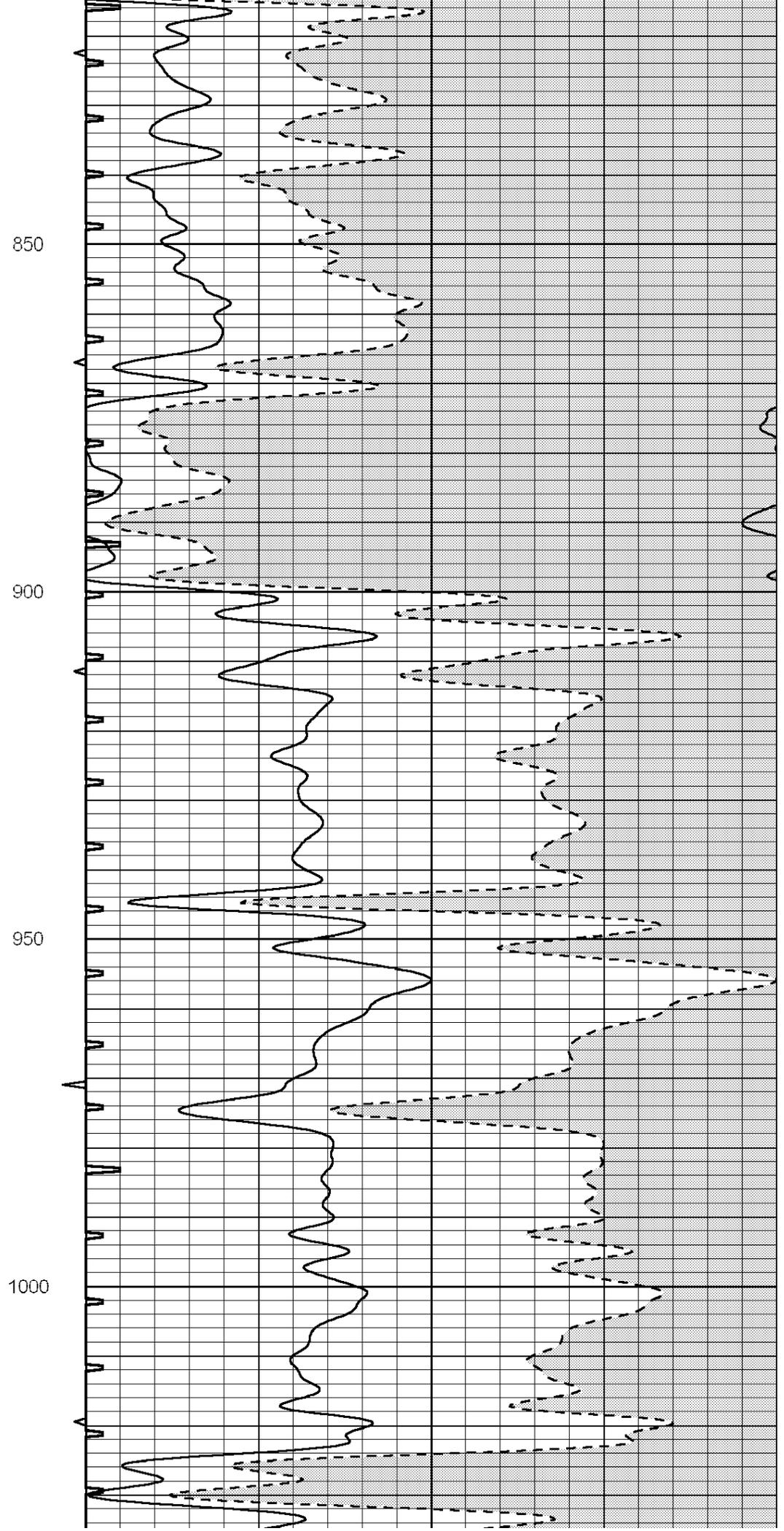
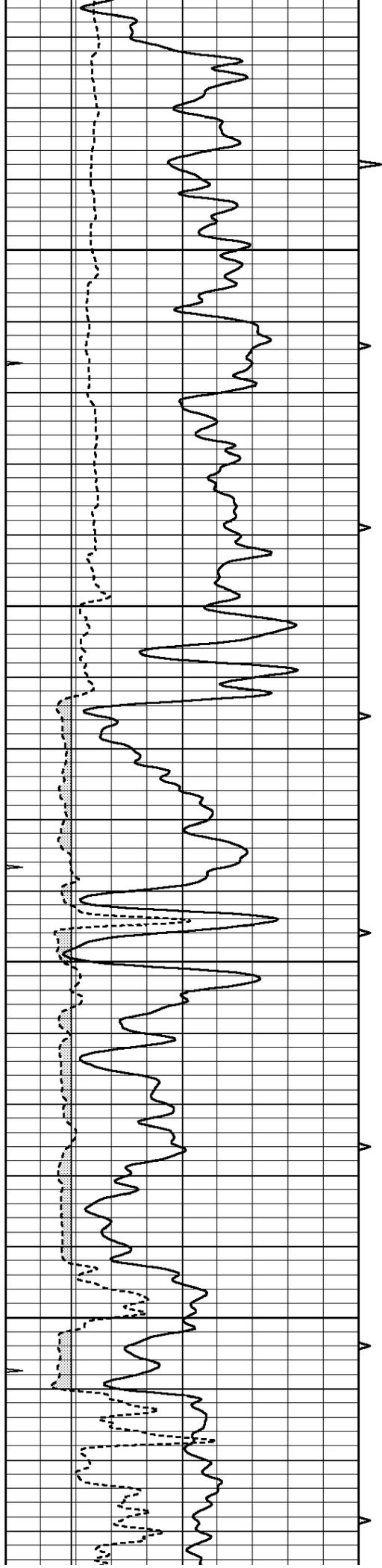
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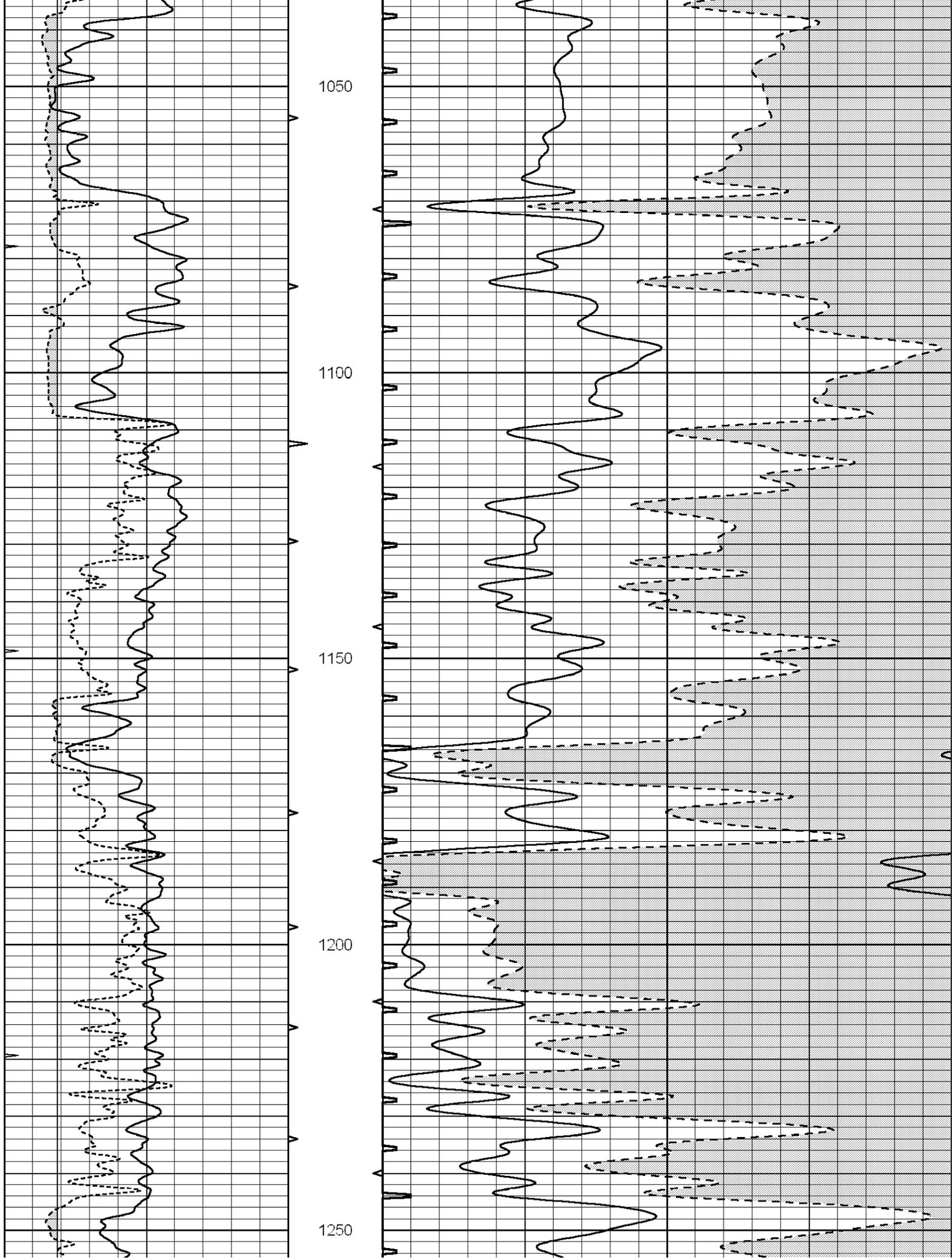
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6	CALIPER (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu)	-10
0	MINMK	20	TBHV	0	ITT (msec)	20
			0 (ft3) 10			

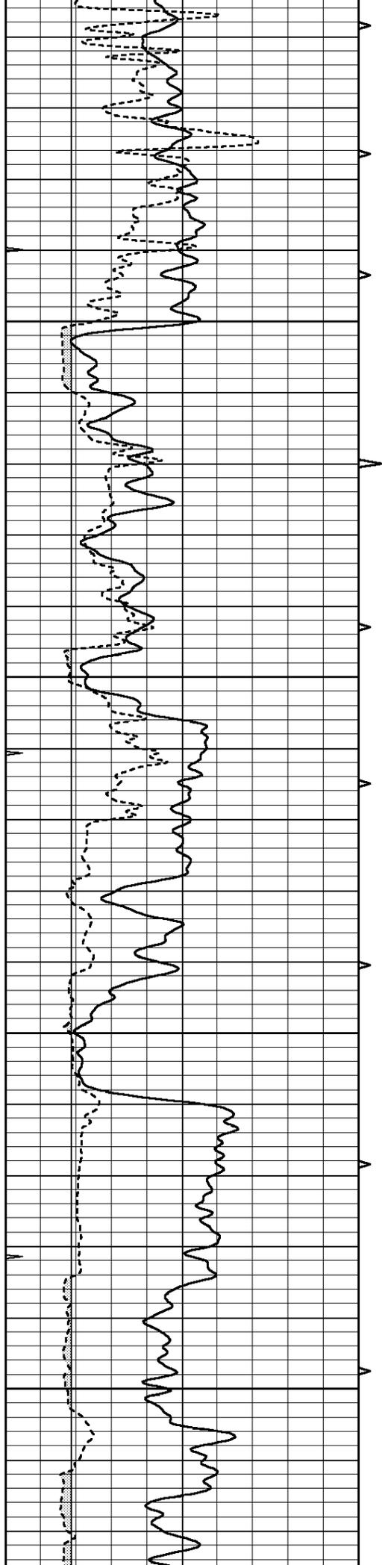










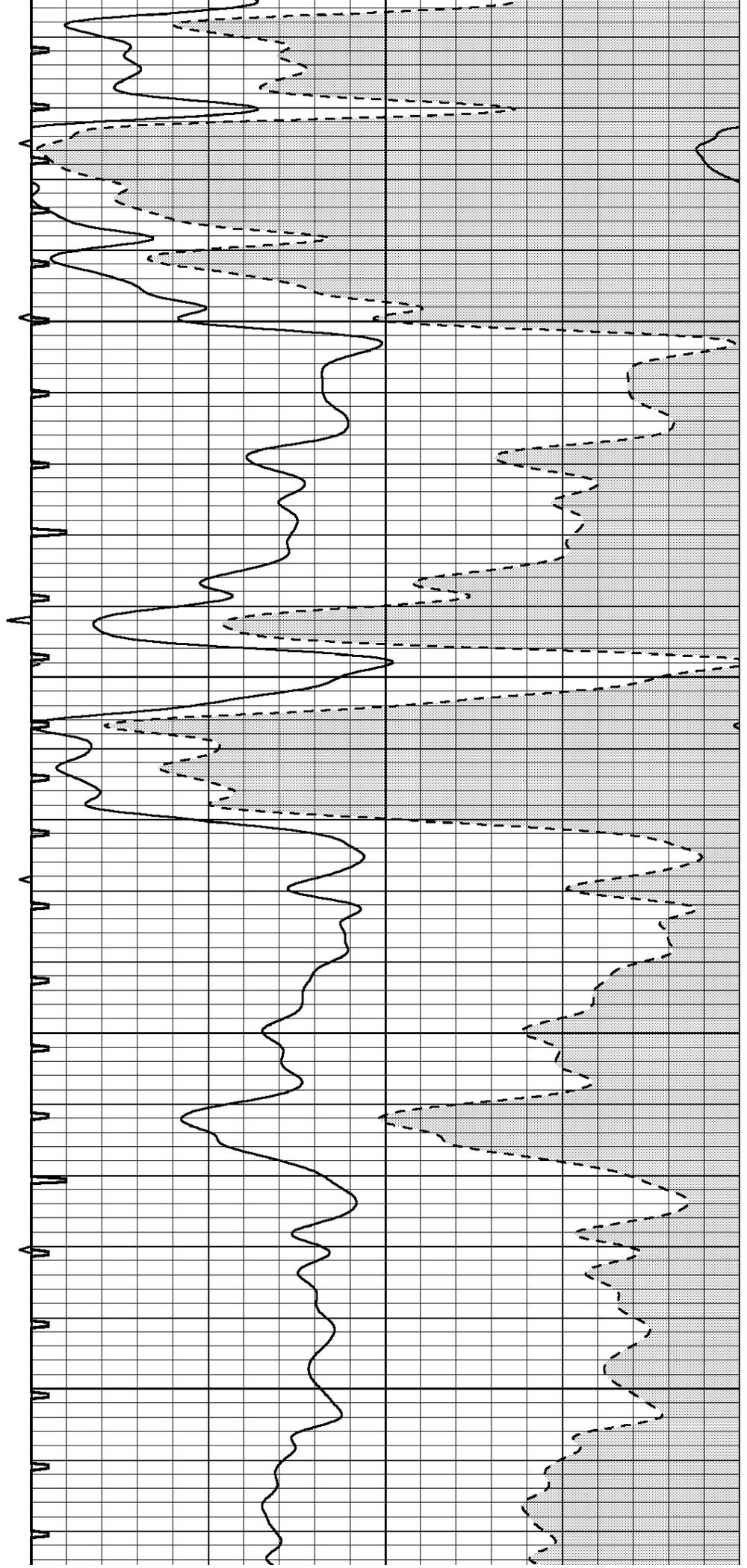


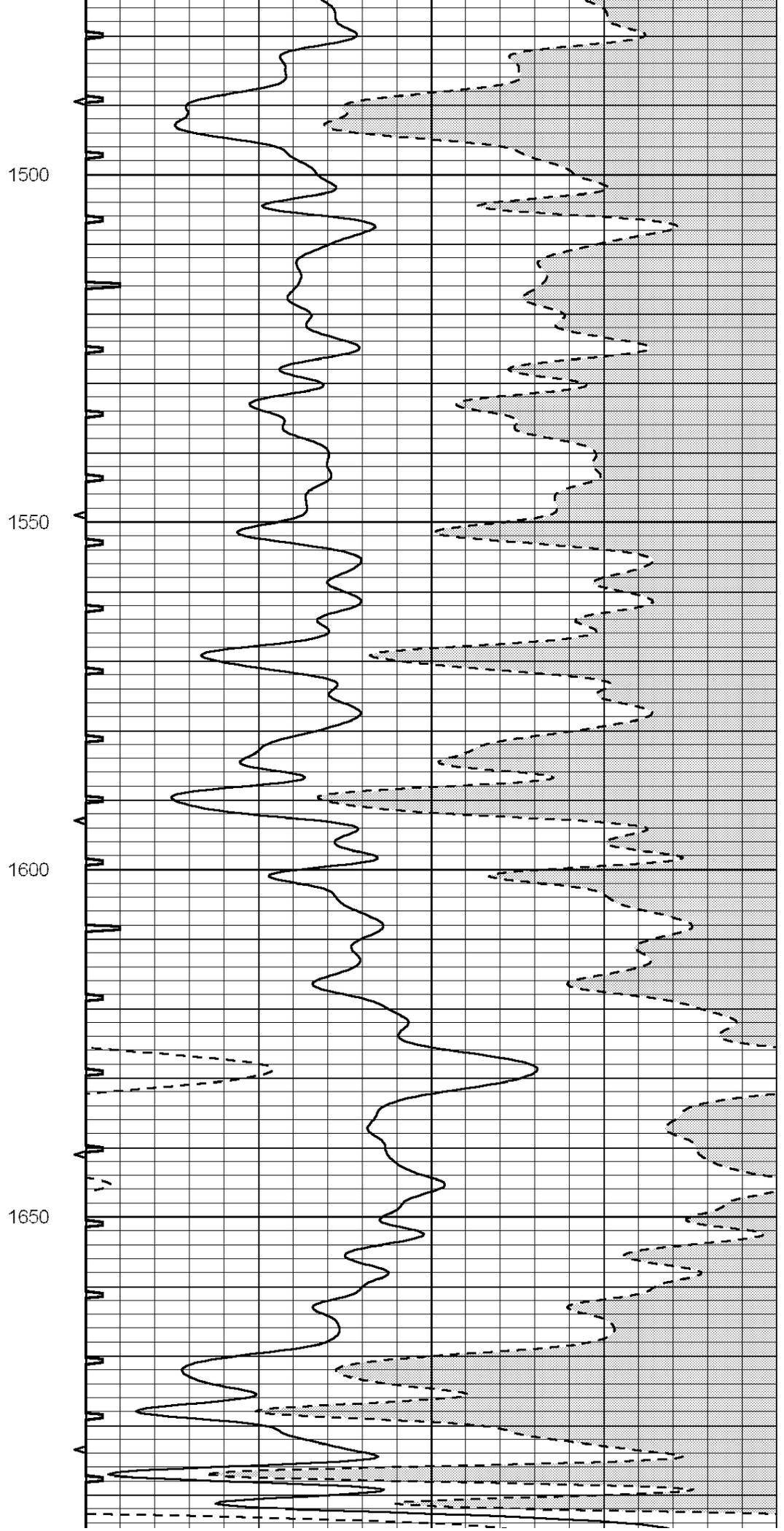
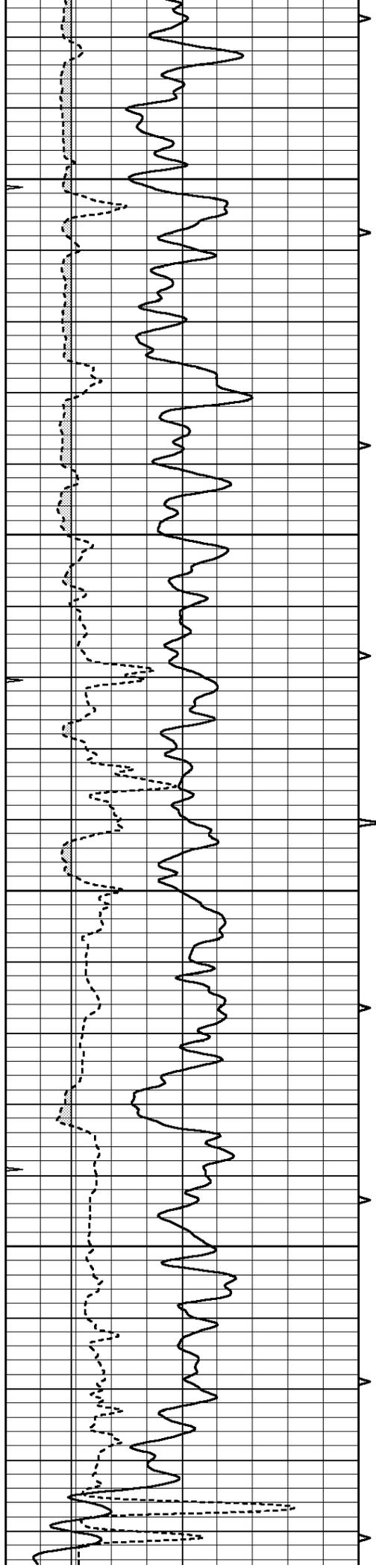
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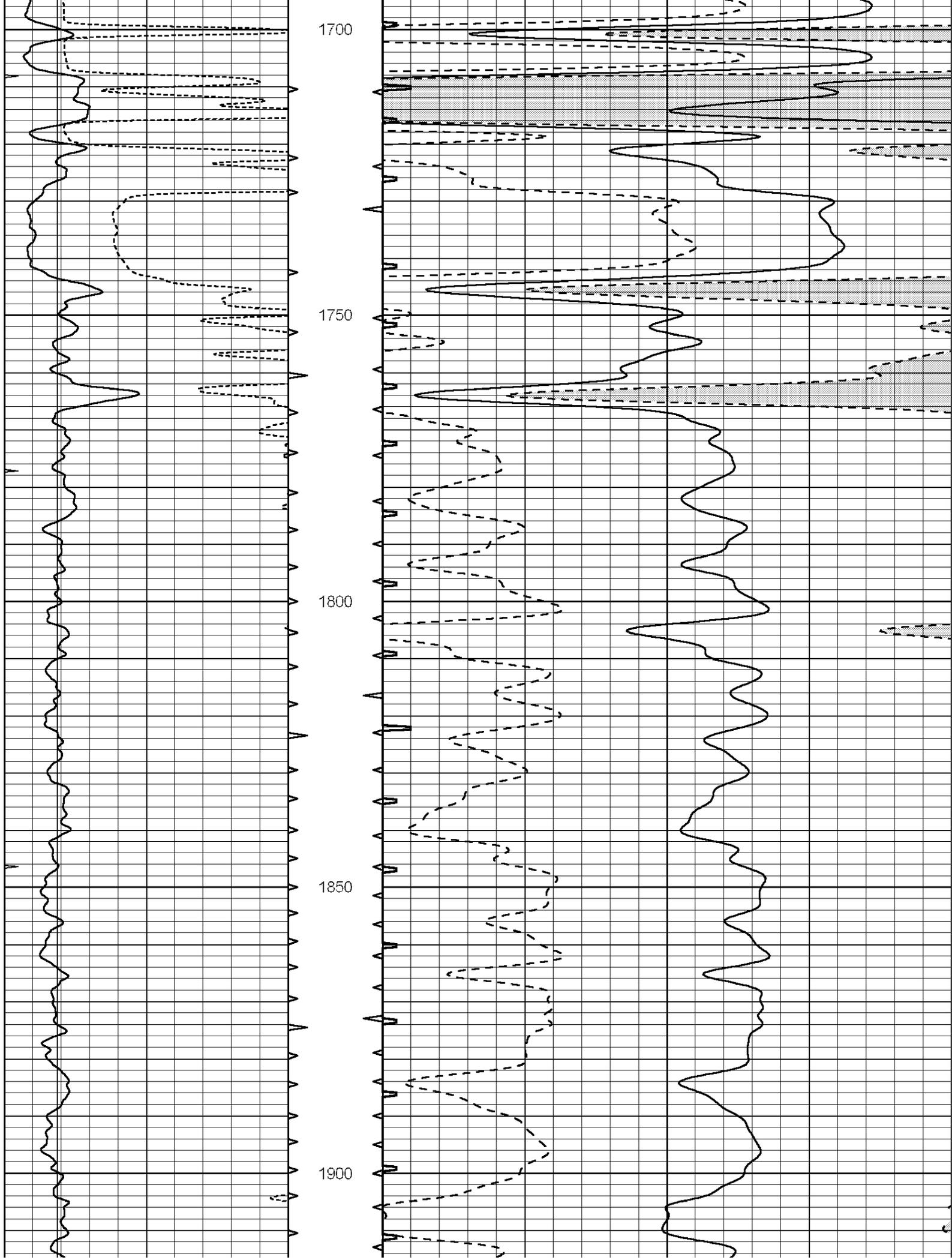
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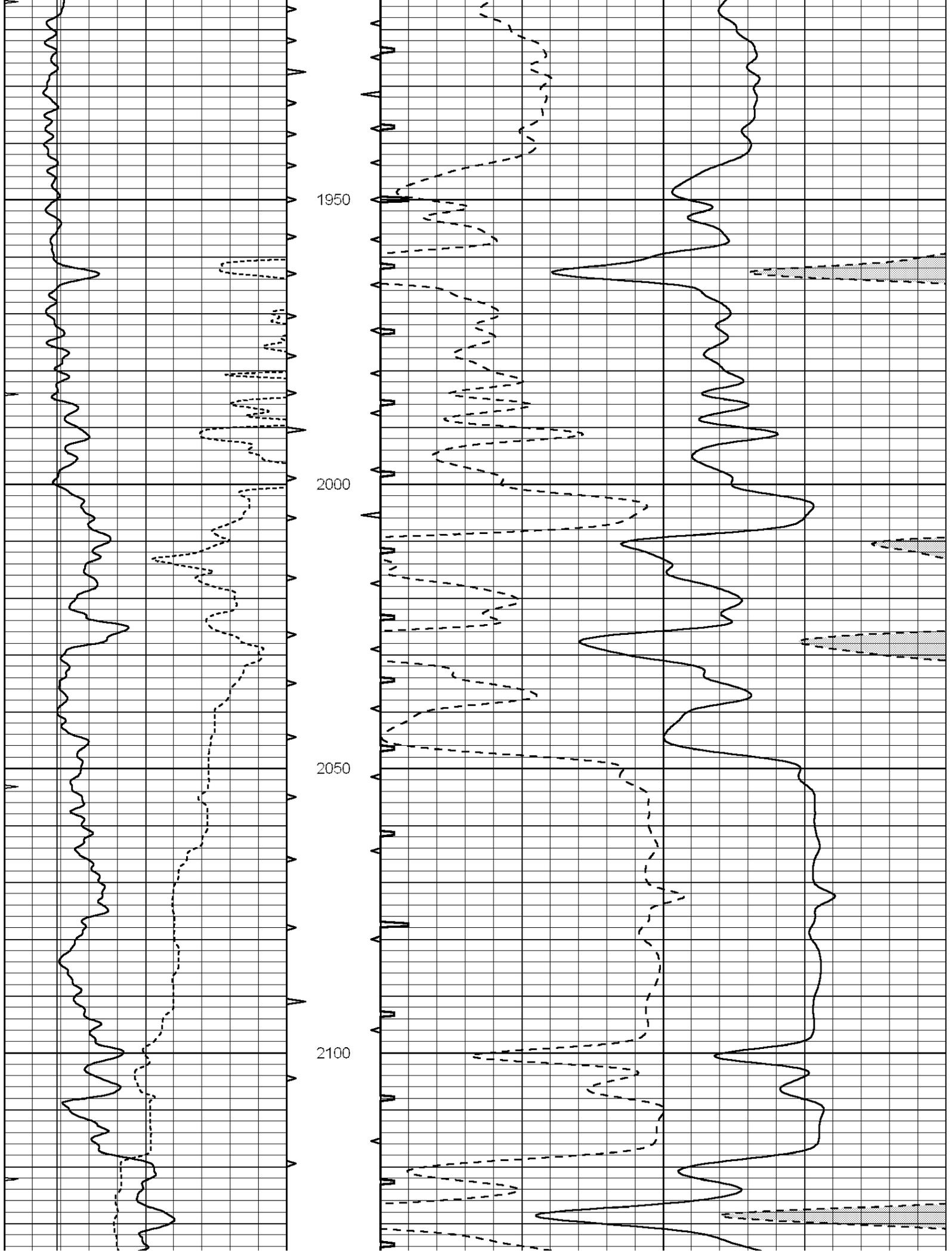
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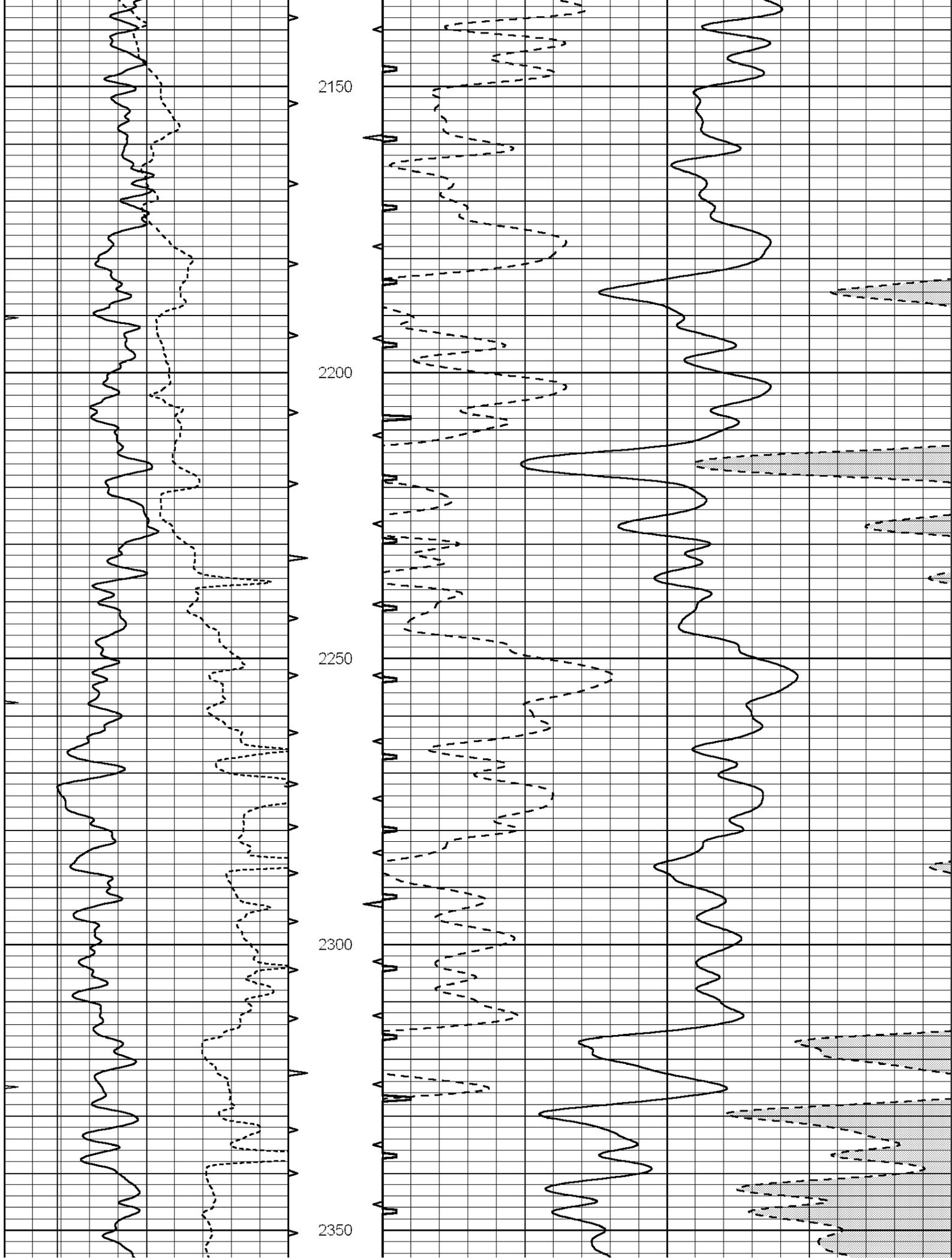
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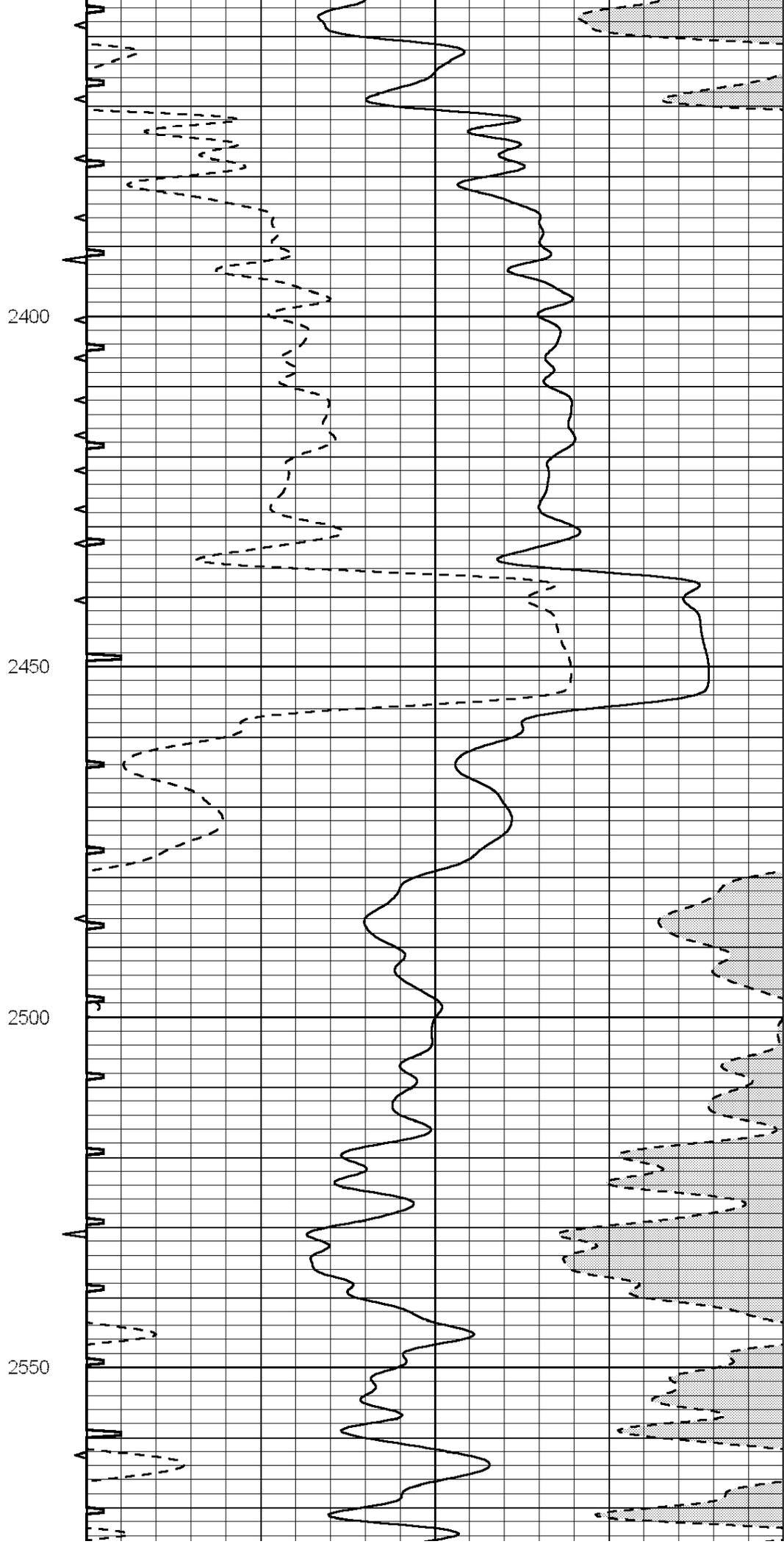
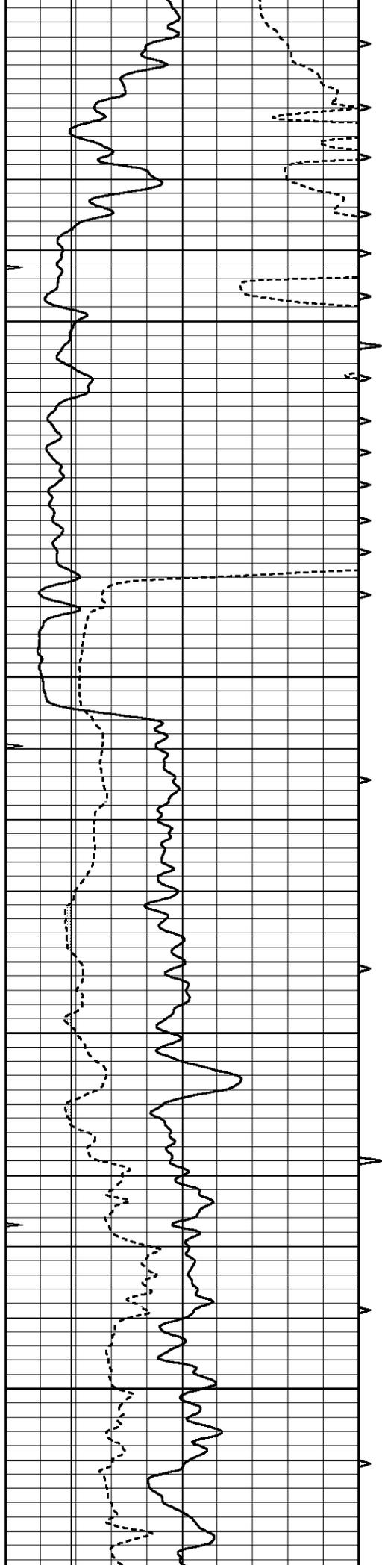


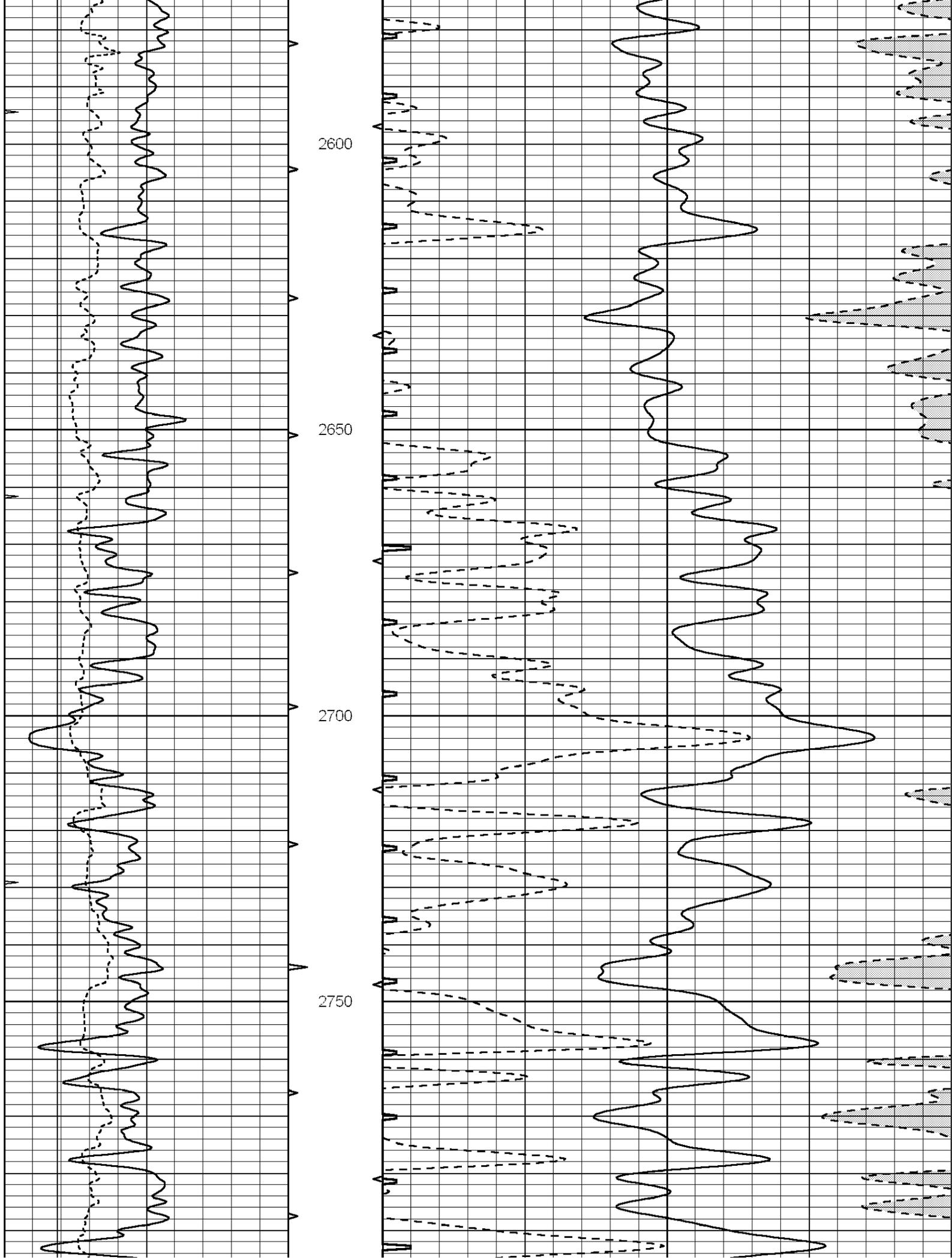


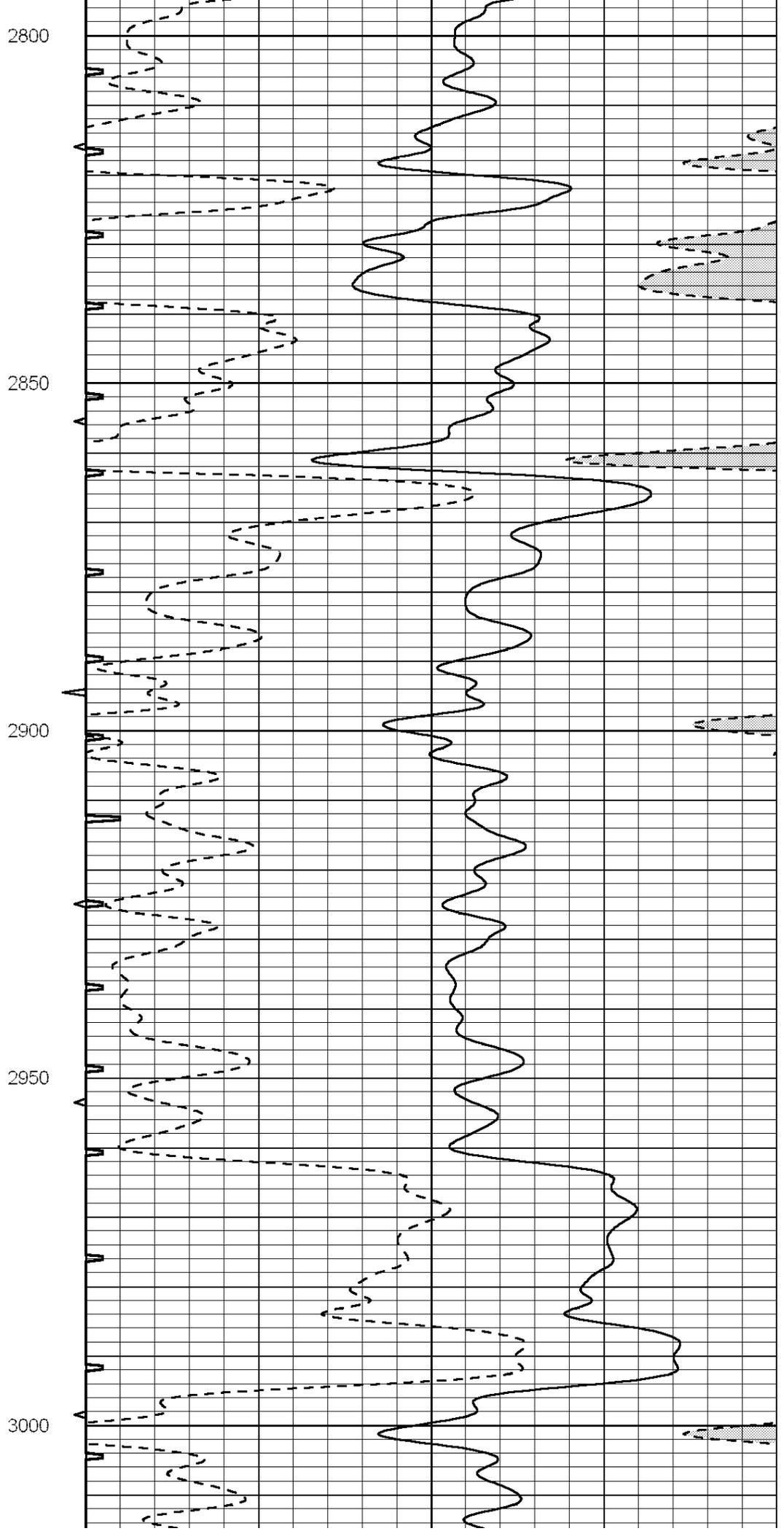
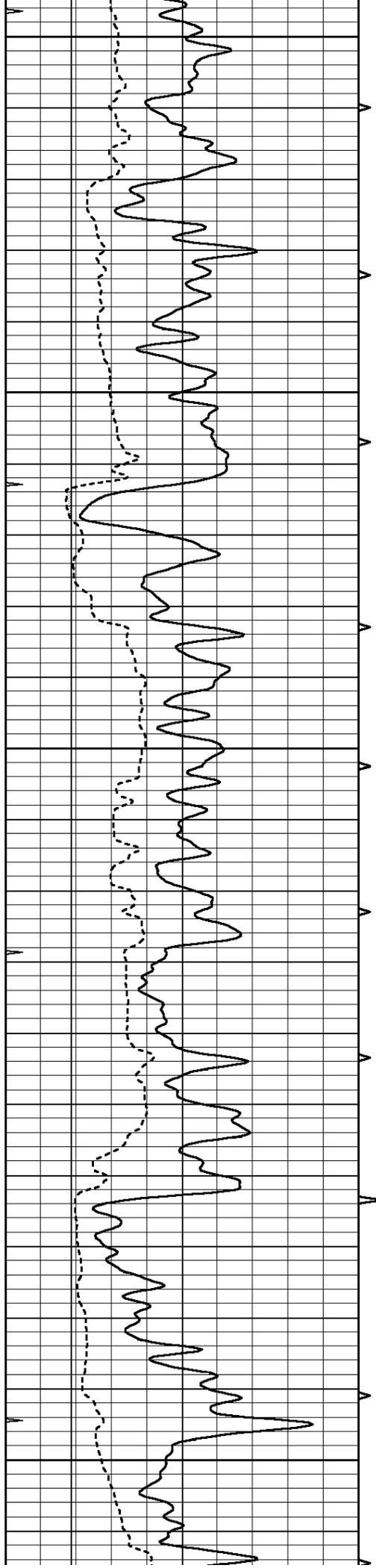


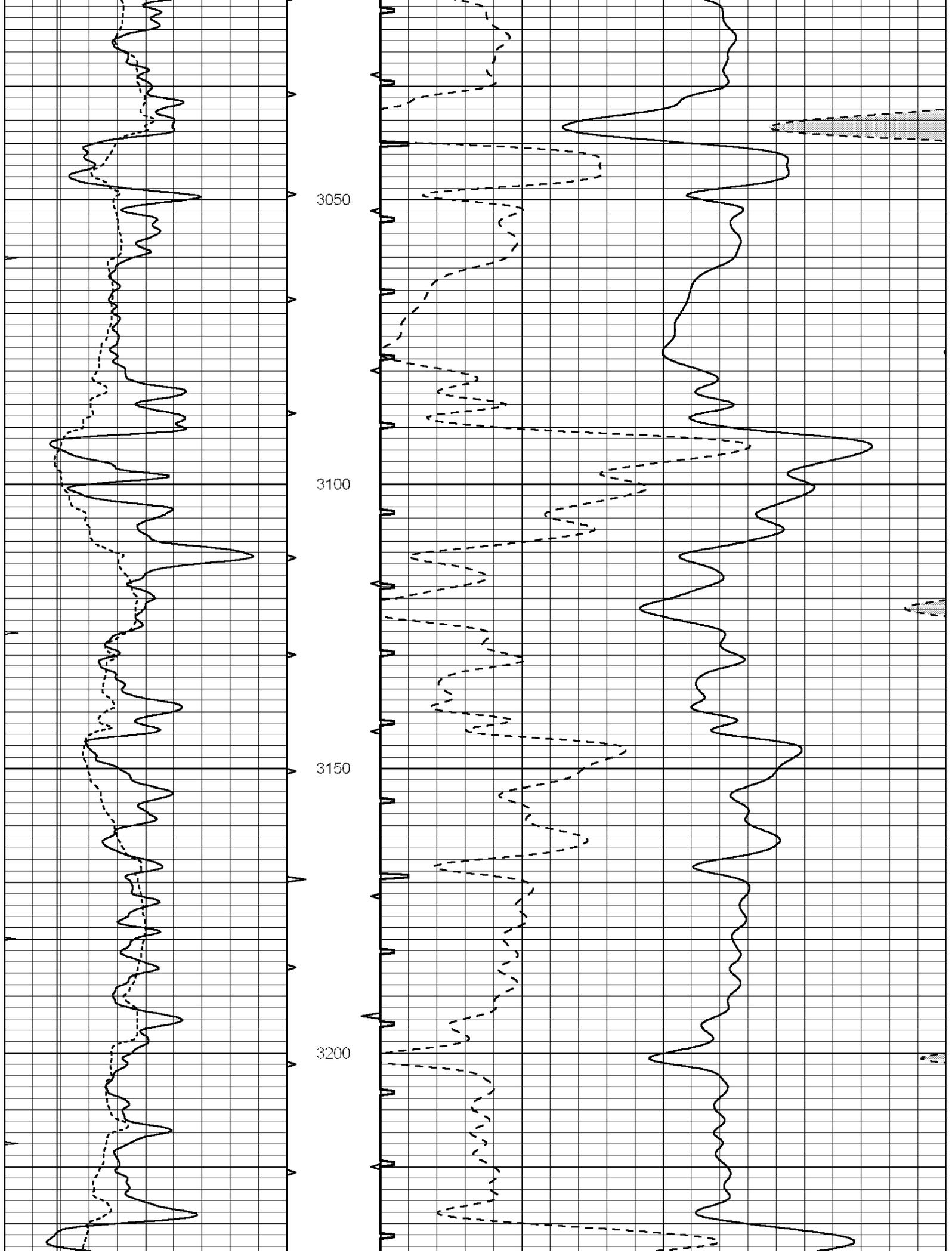


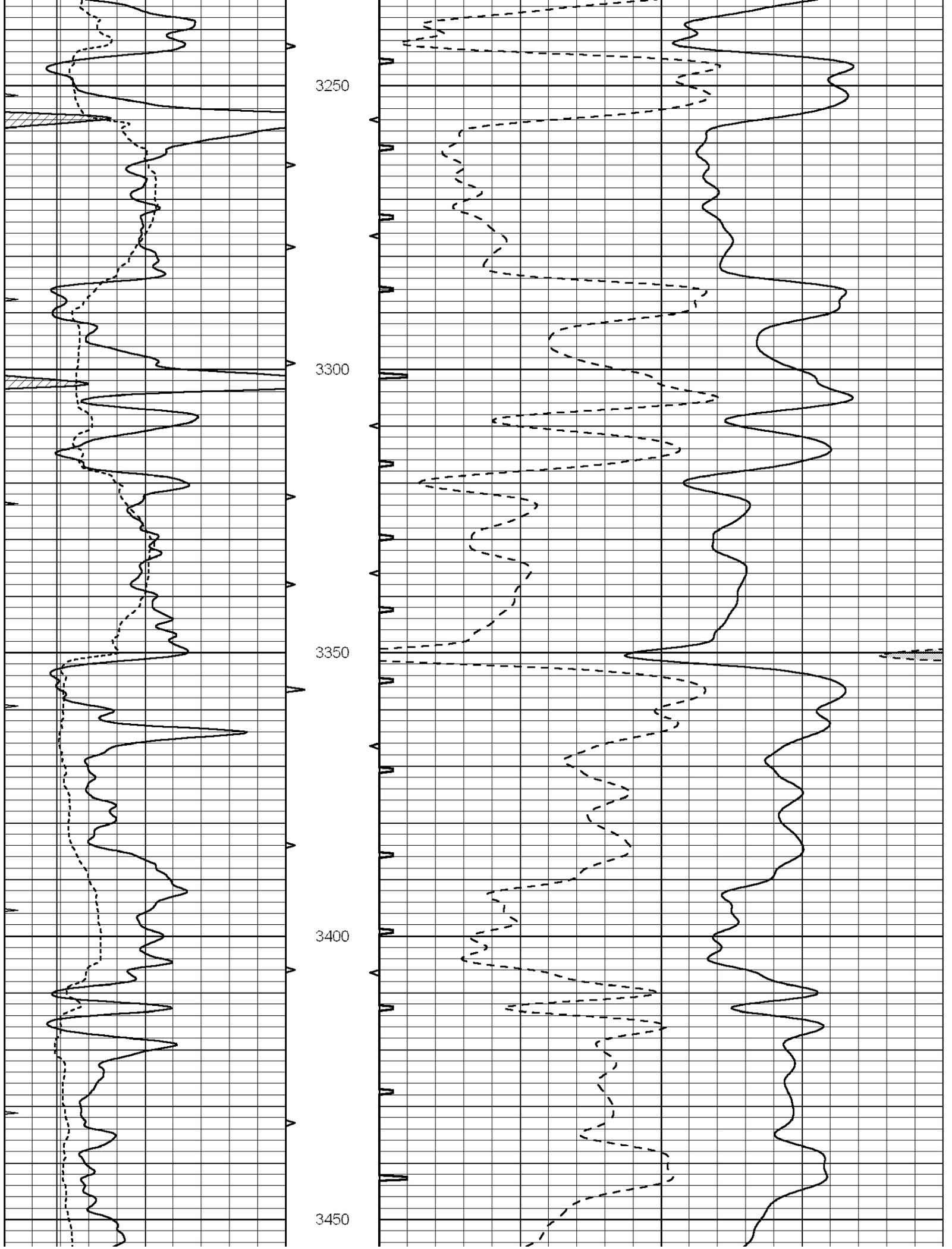


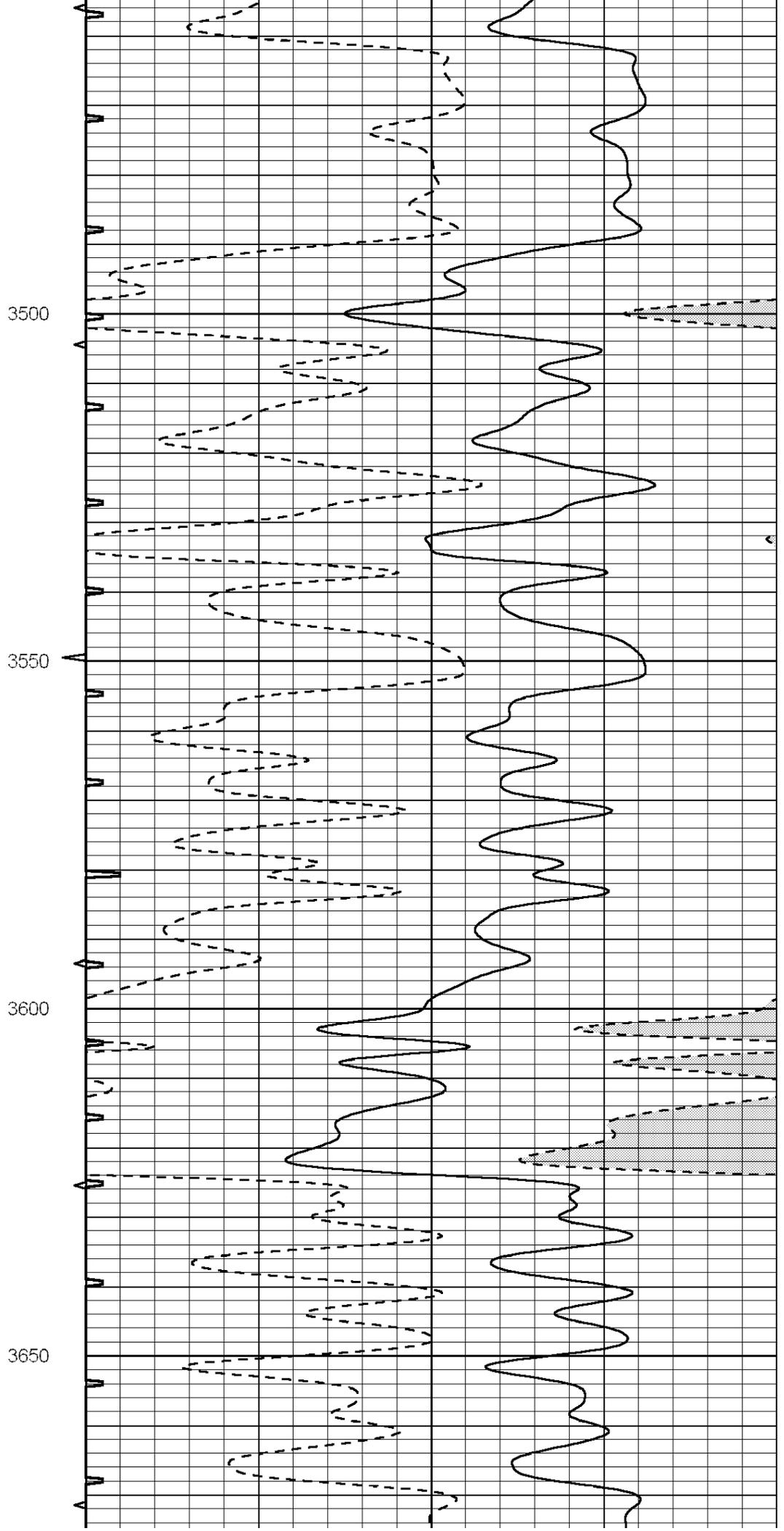
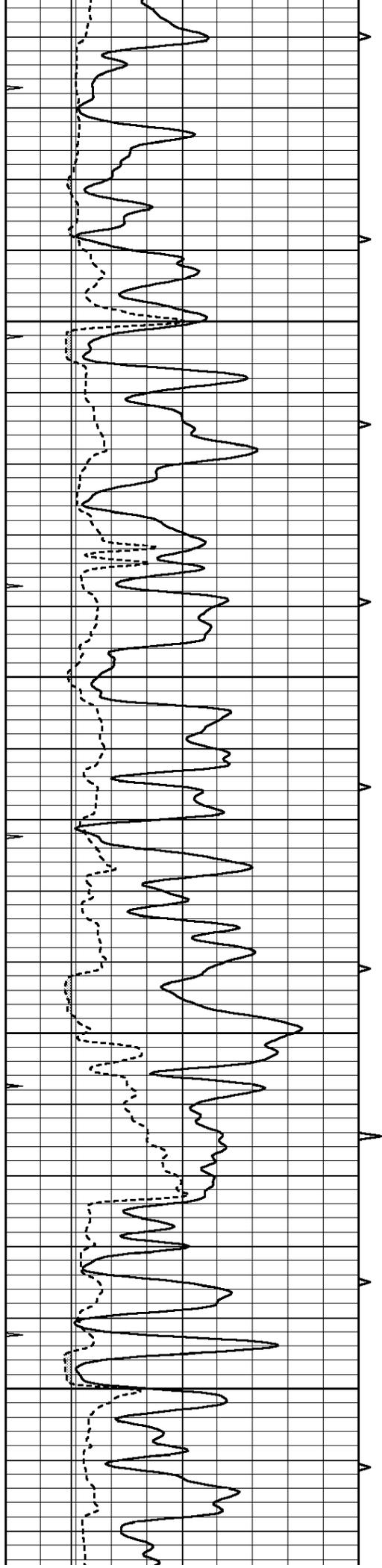


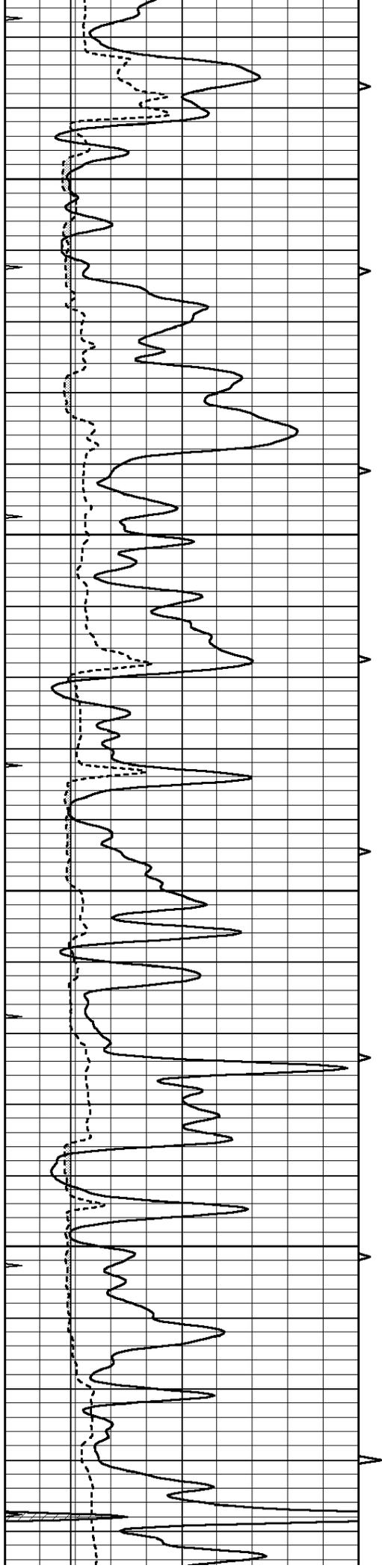










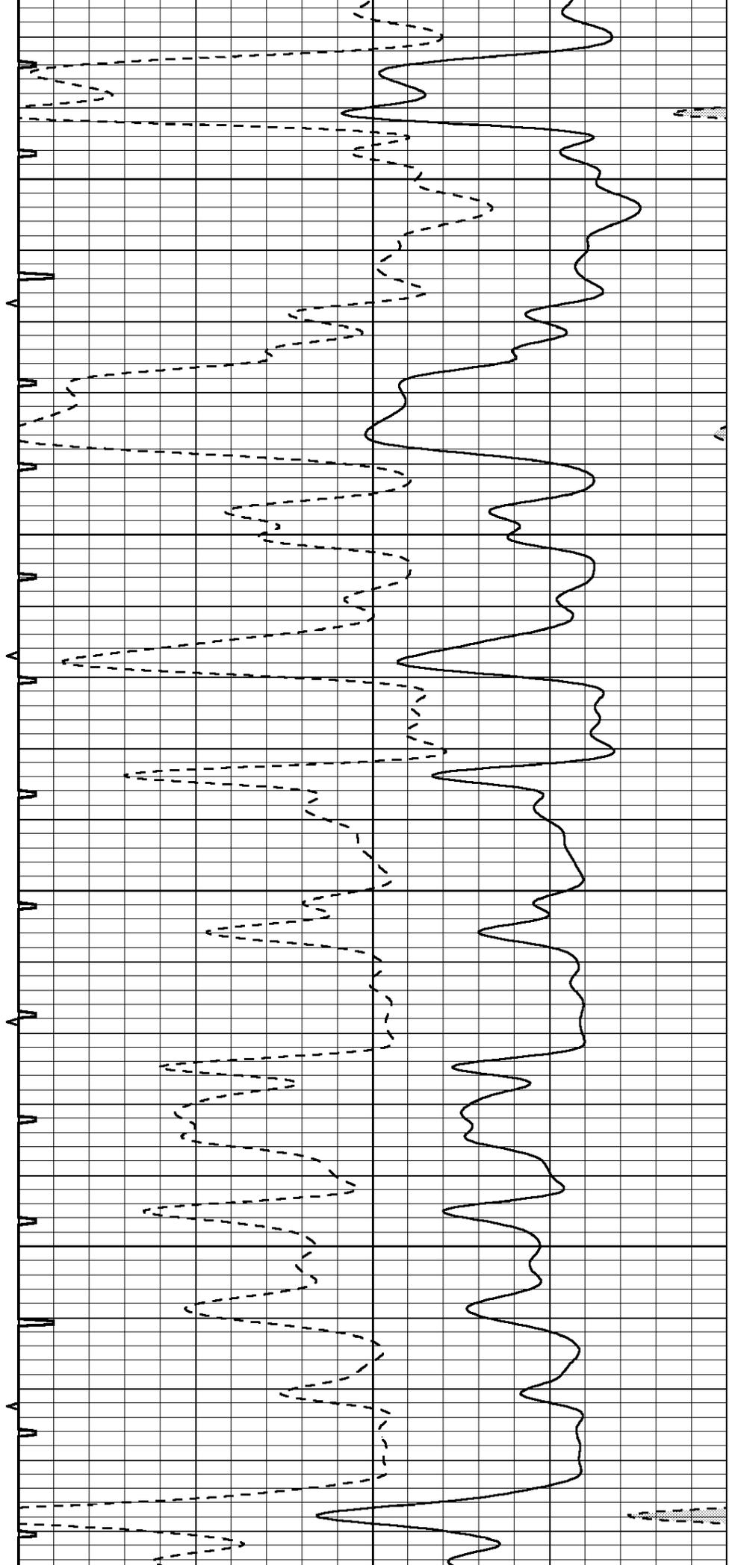


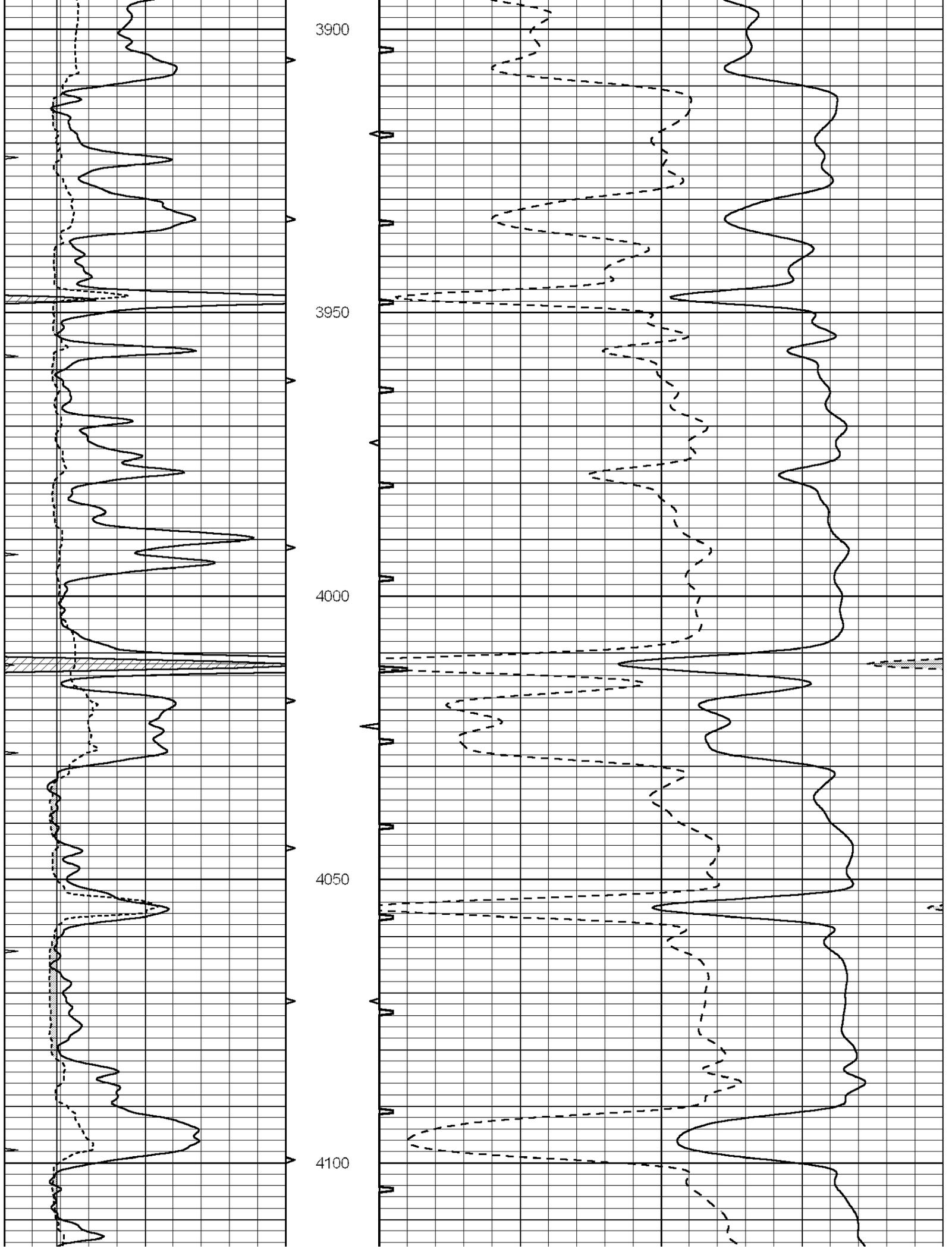
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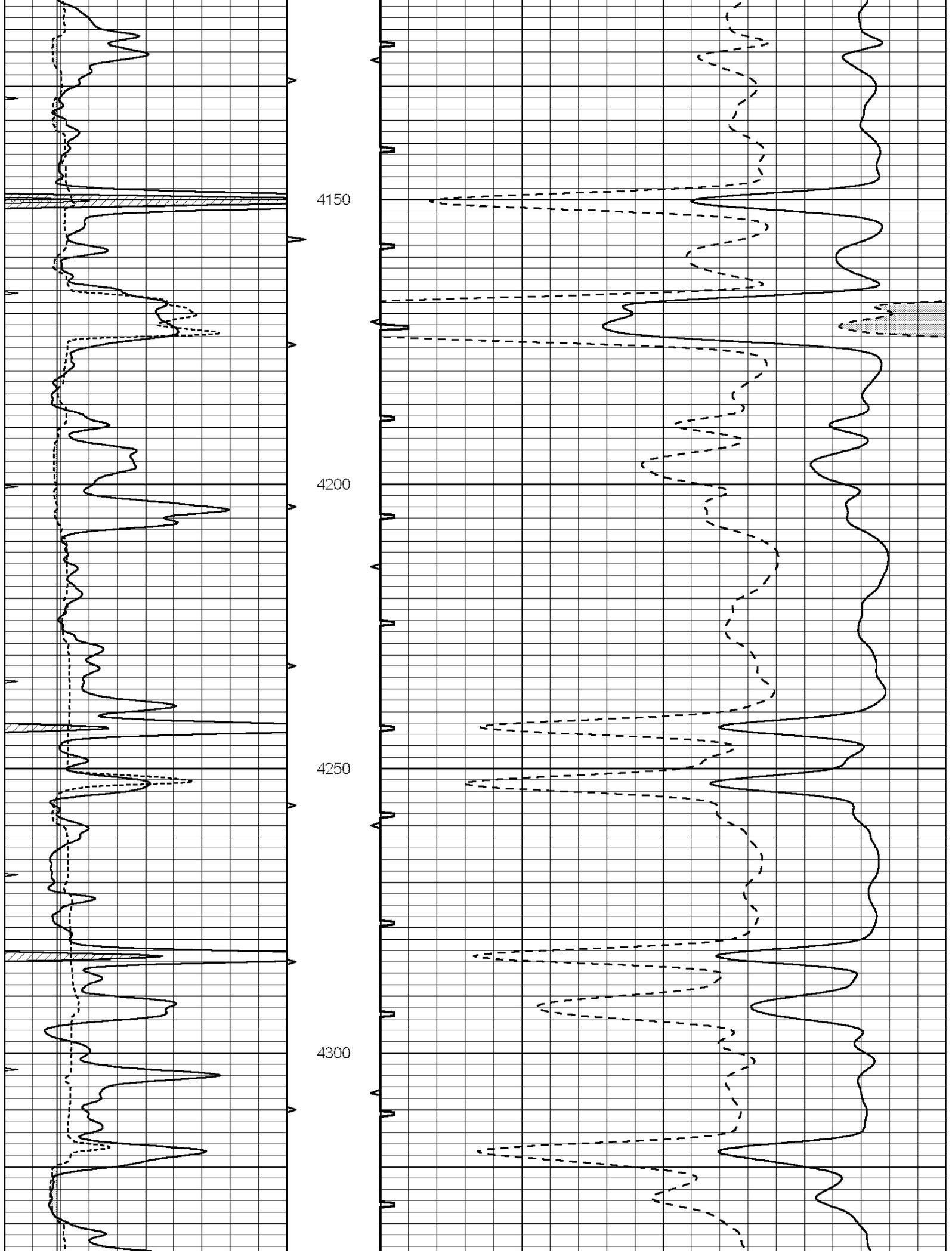
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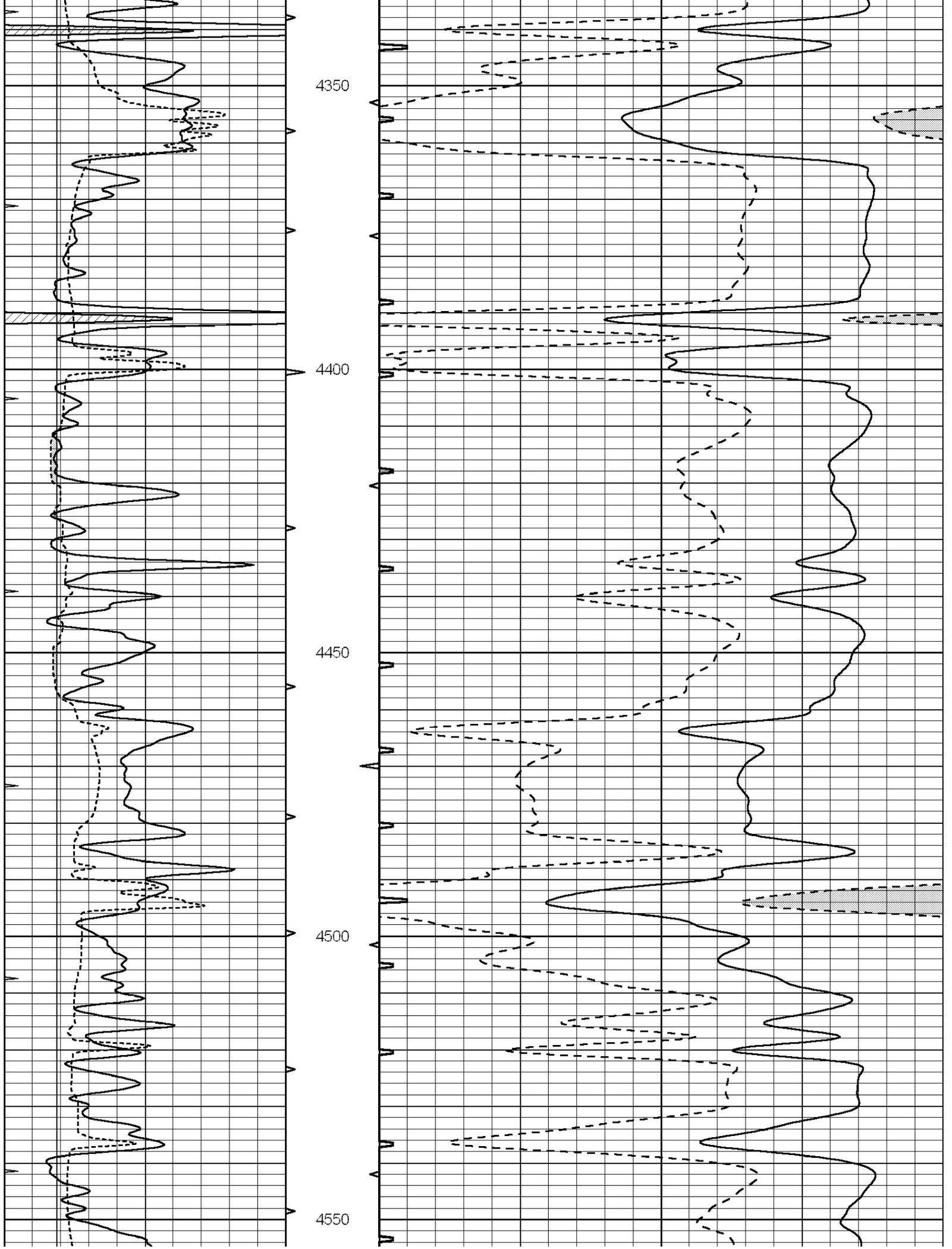
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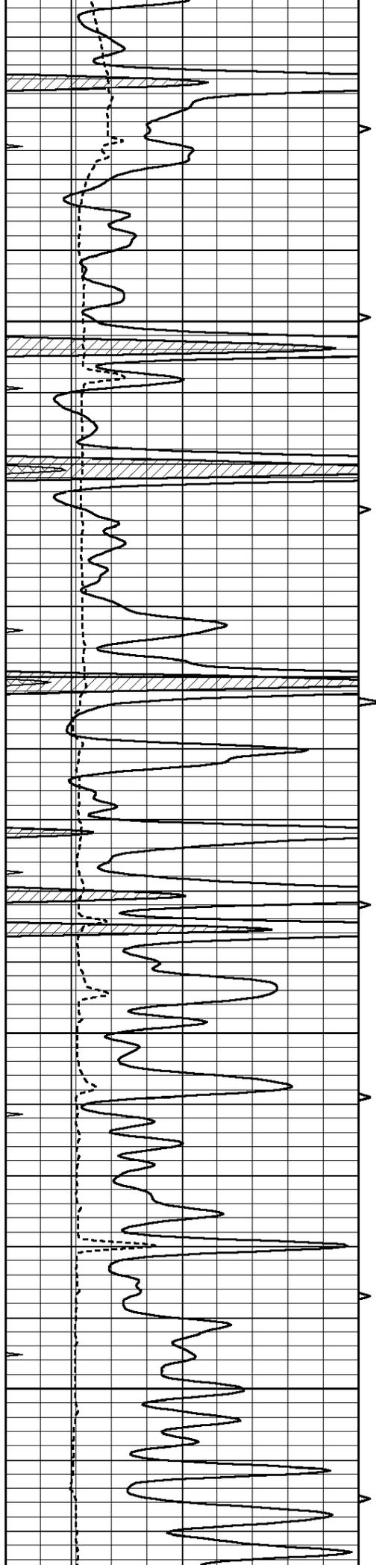
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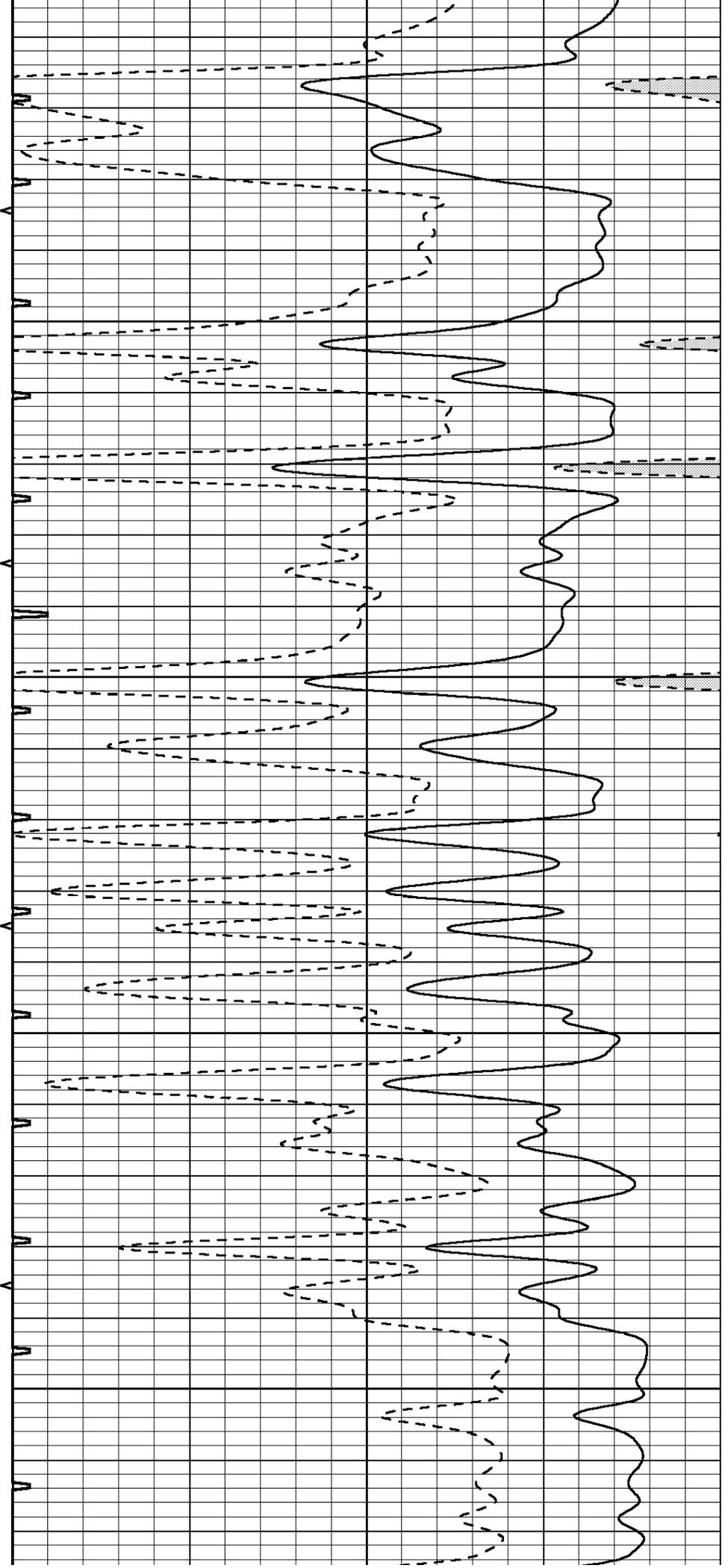


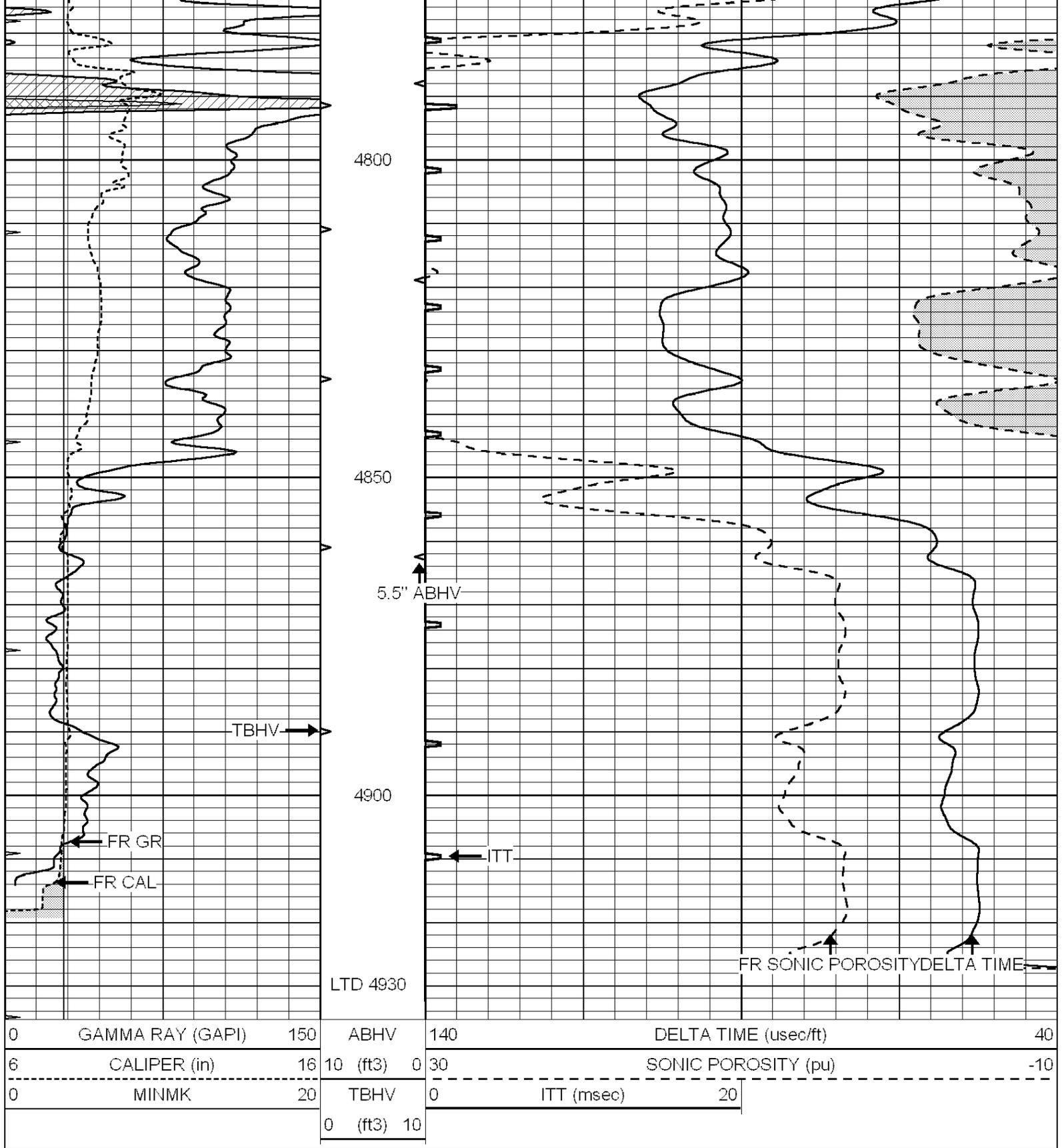
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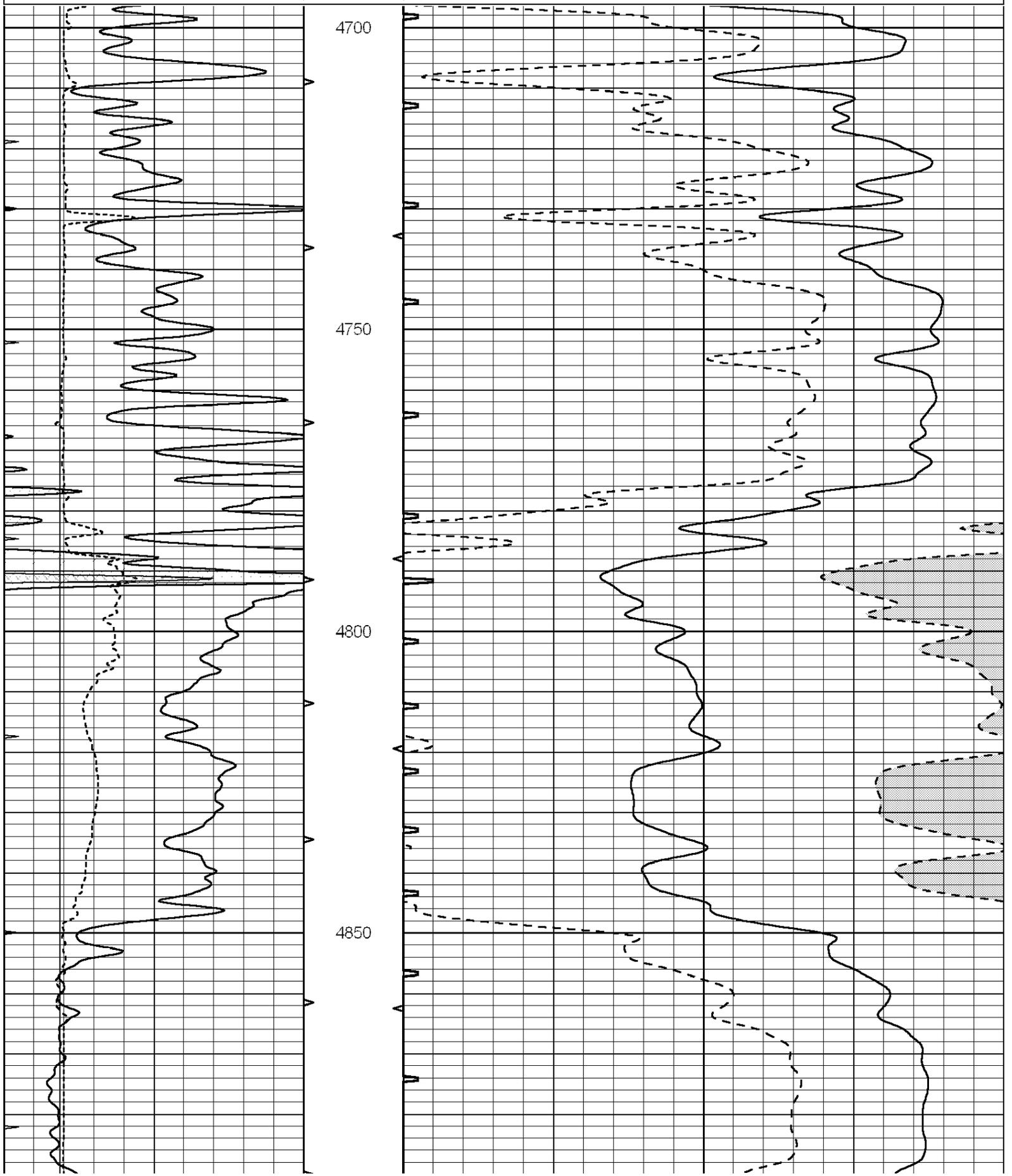
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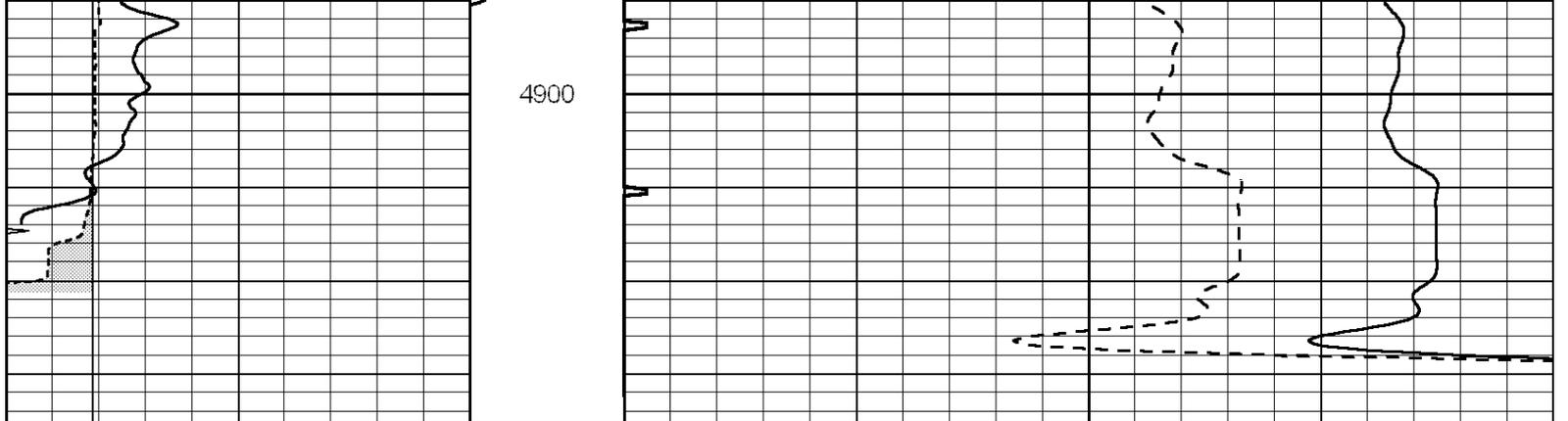
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Charted by:

Depth in Feet scaled 1:240

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6	CALIPER (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu)	-10
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