



SUPERIOR
Hays,
Kansas

SONIC LOG

Company MULL DRILLING COMPANY, INC.
Well HARKNESS TRUST #1-5
Field WILDCAT
County NESS
State KANSAS

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Location: API # : 15-135-25079-0000

950' FNL & 832 FWL

SEC 5 TWP 17S RGE 23W

Permanent Datum GROUND LEVEL Elevation 2489
Log Measured From KELLY BUSHING 5' A.G.L.
Drilling Measured From KELLY BUSHING

Other Services
CDL/CNL/PE
DIL/MEL
Elevation
K.B. 2494
D.F. 2492
G.L. 2489

Date 6-27-10

Run Number TWO

Depth Driller 4640

Depth Logger 4644

Bottom Logged Interval 4634

Top Log Interval 200

Casing Driller 8 5/8" @ 223

Casing Logger 224

Bit Size 7 7/8

Type Fluid in Hole CHEMICAL MUD

Density / Viscosity 8.9/48

pH / Fluid Loss 9.0/10.8

Source of Sample FLOWLINE

Rim @ Meas. Temp .70 @ 93F

Rmf @ Meas. Temp .52 @ 93F

Rmc @ Meas. Temp .84 @ 93F

Source of Rmf / Rmc MEASURED

Rim @ BHT .53 @ 93F

Time Circulation Stopped 2 HOURS

Time Logger on Bottom 122F

Maximum Recorded Temperature 122F

Equipment Number 680

Location HAYS, KS.

Recorded By JASON CAPPELLUCCI

Witnessed By PHIL ASKEY

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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 SUPERIOR WELL SERVICE (785) 628-6395
DIRECTIONS
JCT. OF HWY 283 & HWY4 - 1 1/2 S. - 1/4 E. - S. INTO

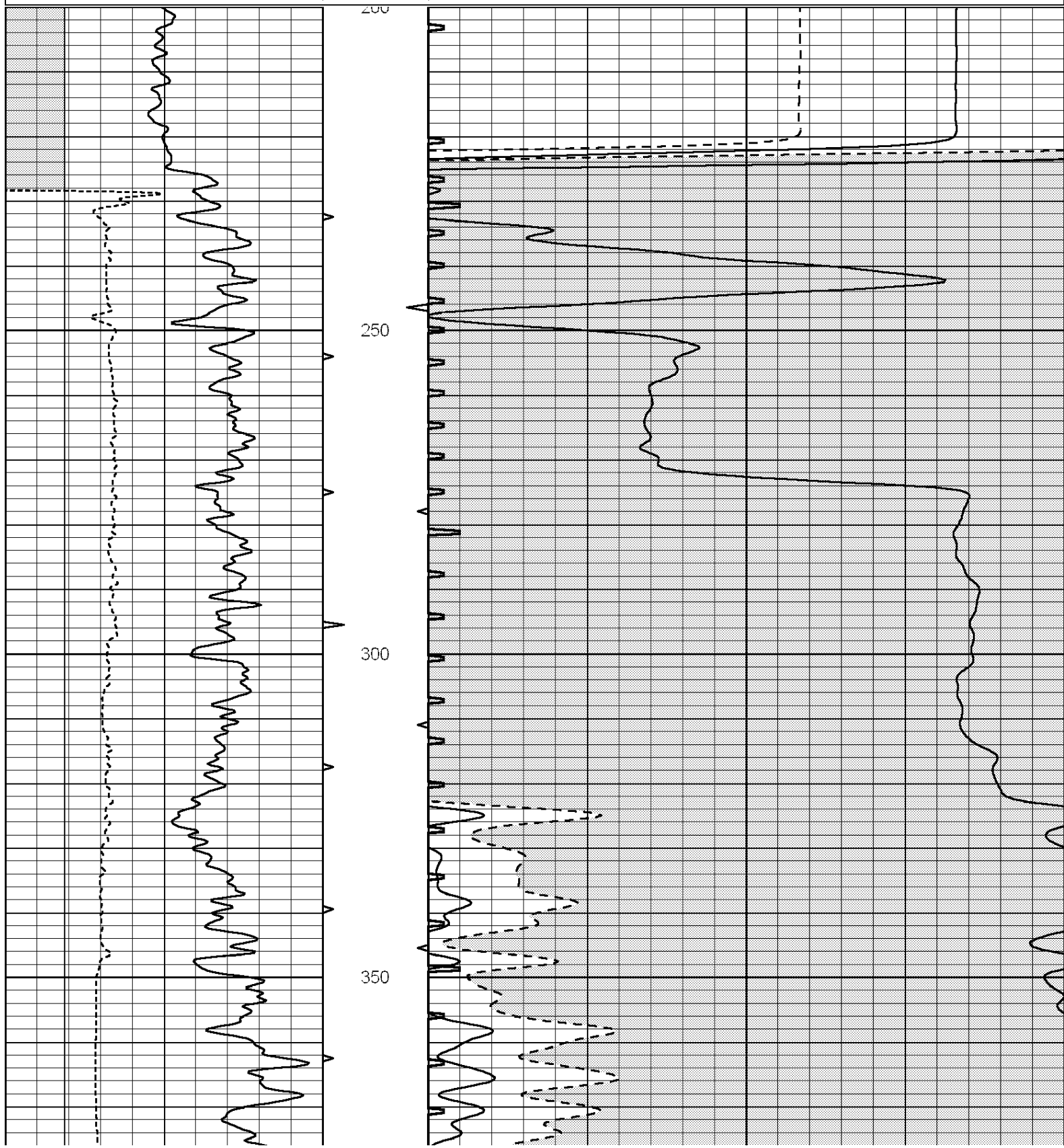


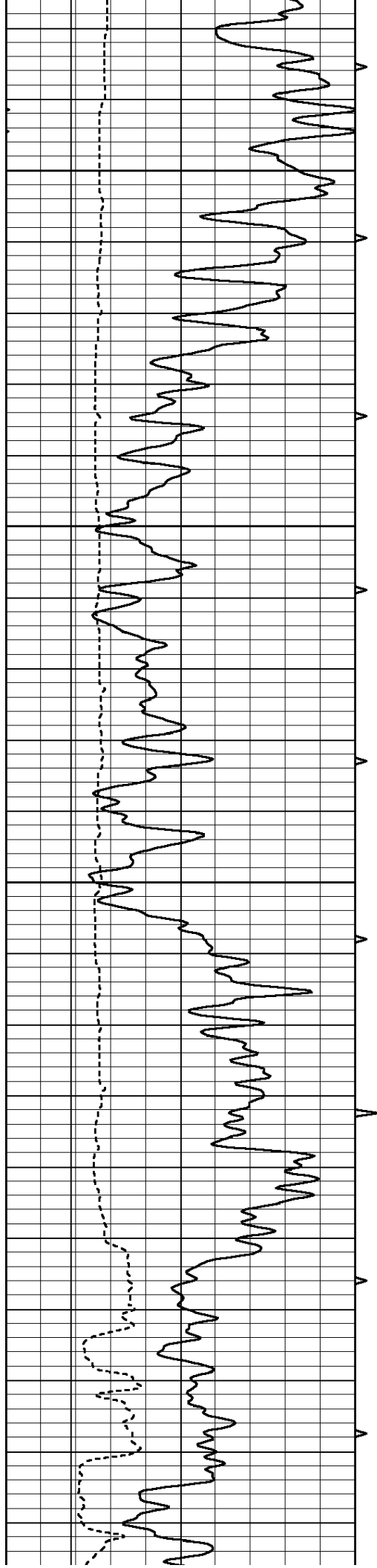
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MAIN SECTION

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Dataset Pathname: pass7.2
Presentation Format: _slt
Dataset Creation: Sun Jun 27 19:44:55 2010 by Calc Open-Cased 090629
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
			TBHV	0	ITT (msec)	20
			0 (ft3) 10			



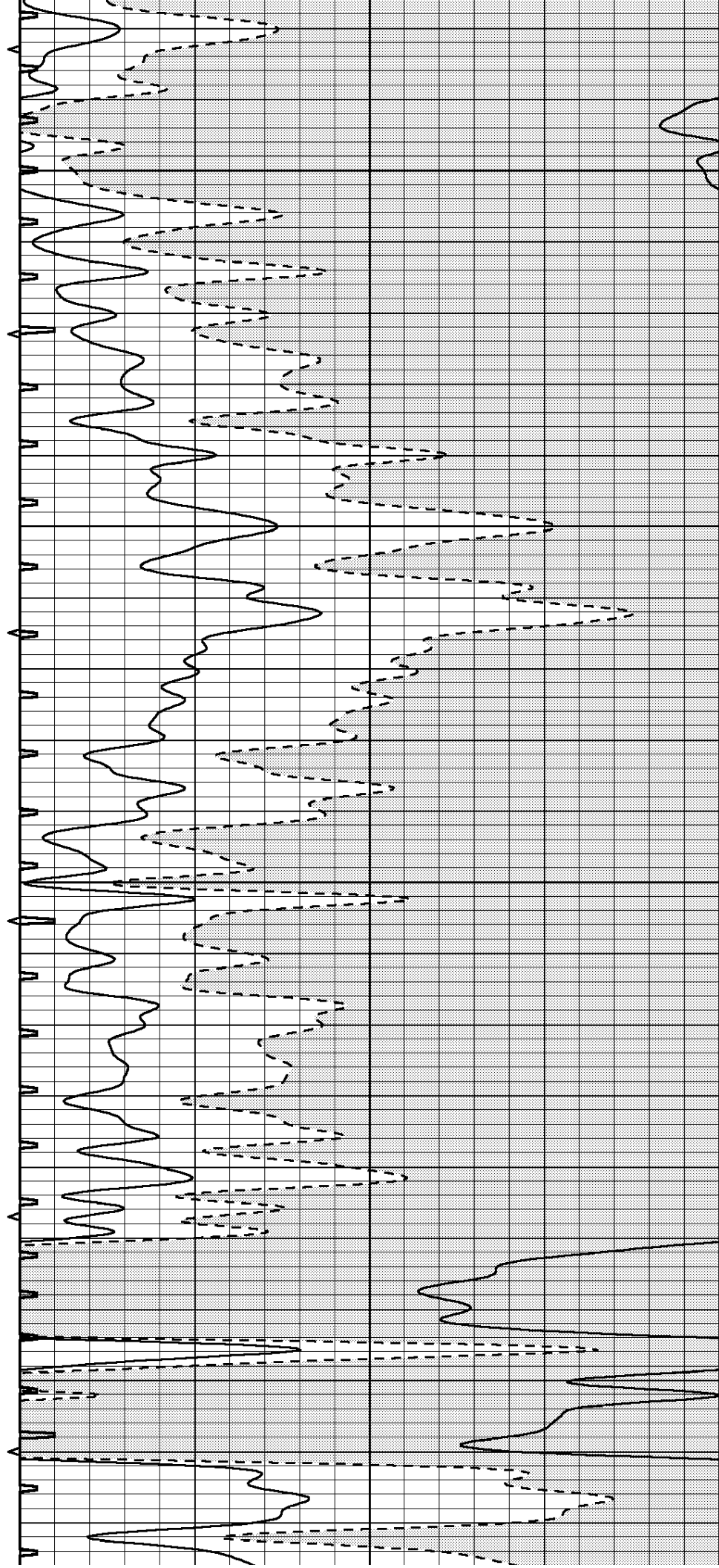


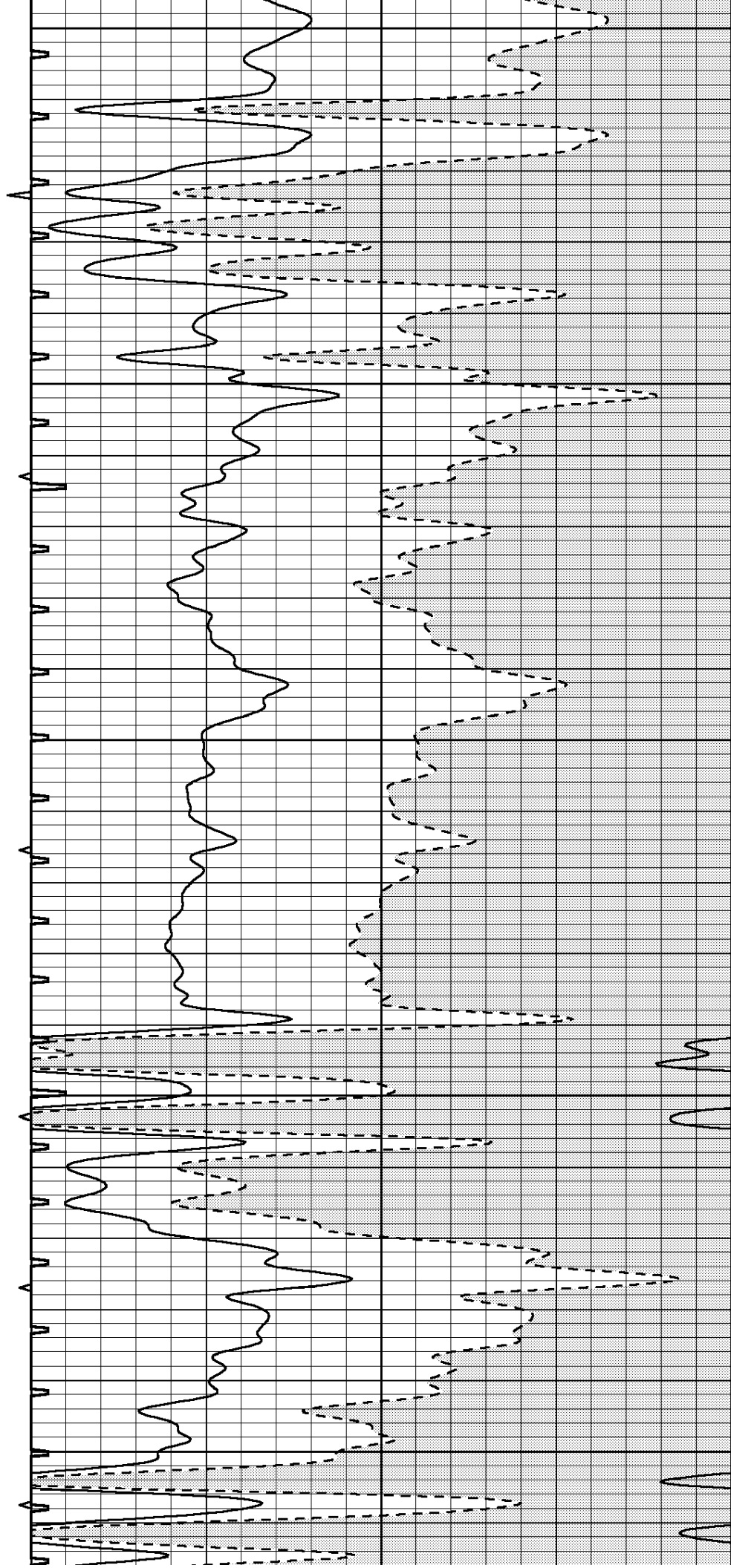
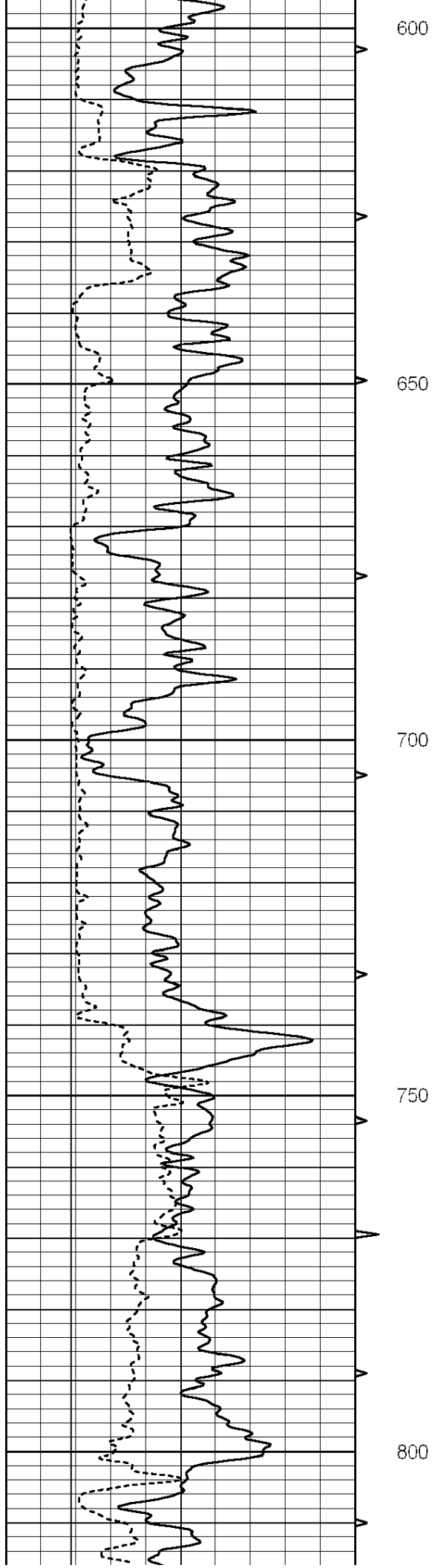
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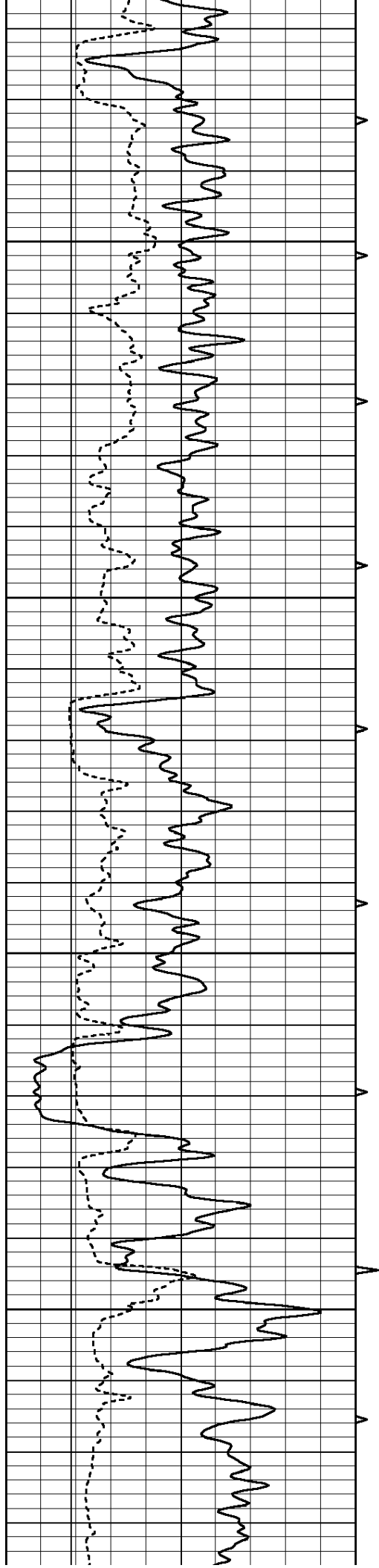
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500

550





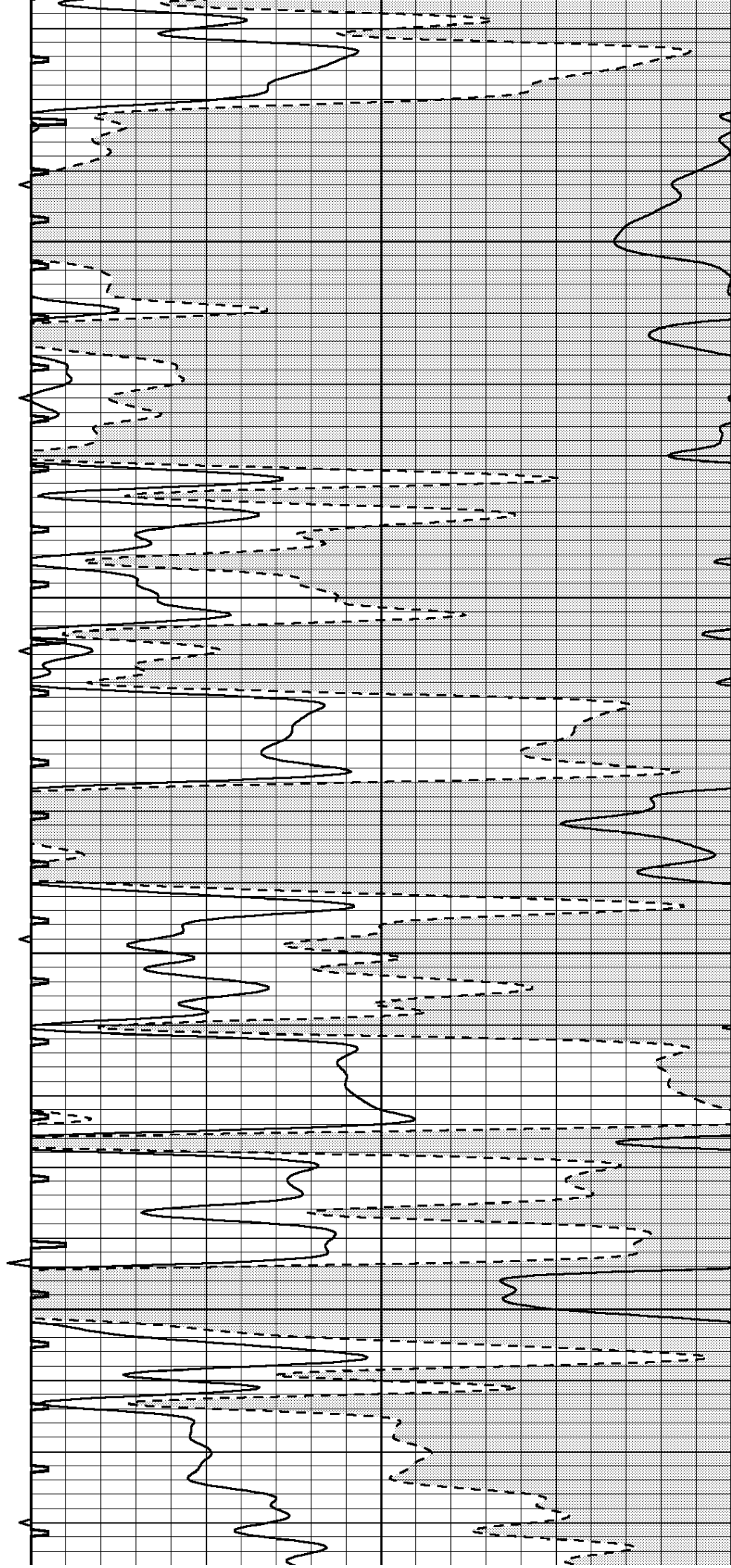


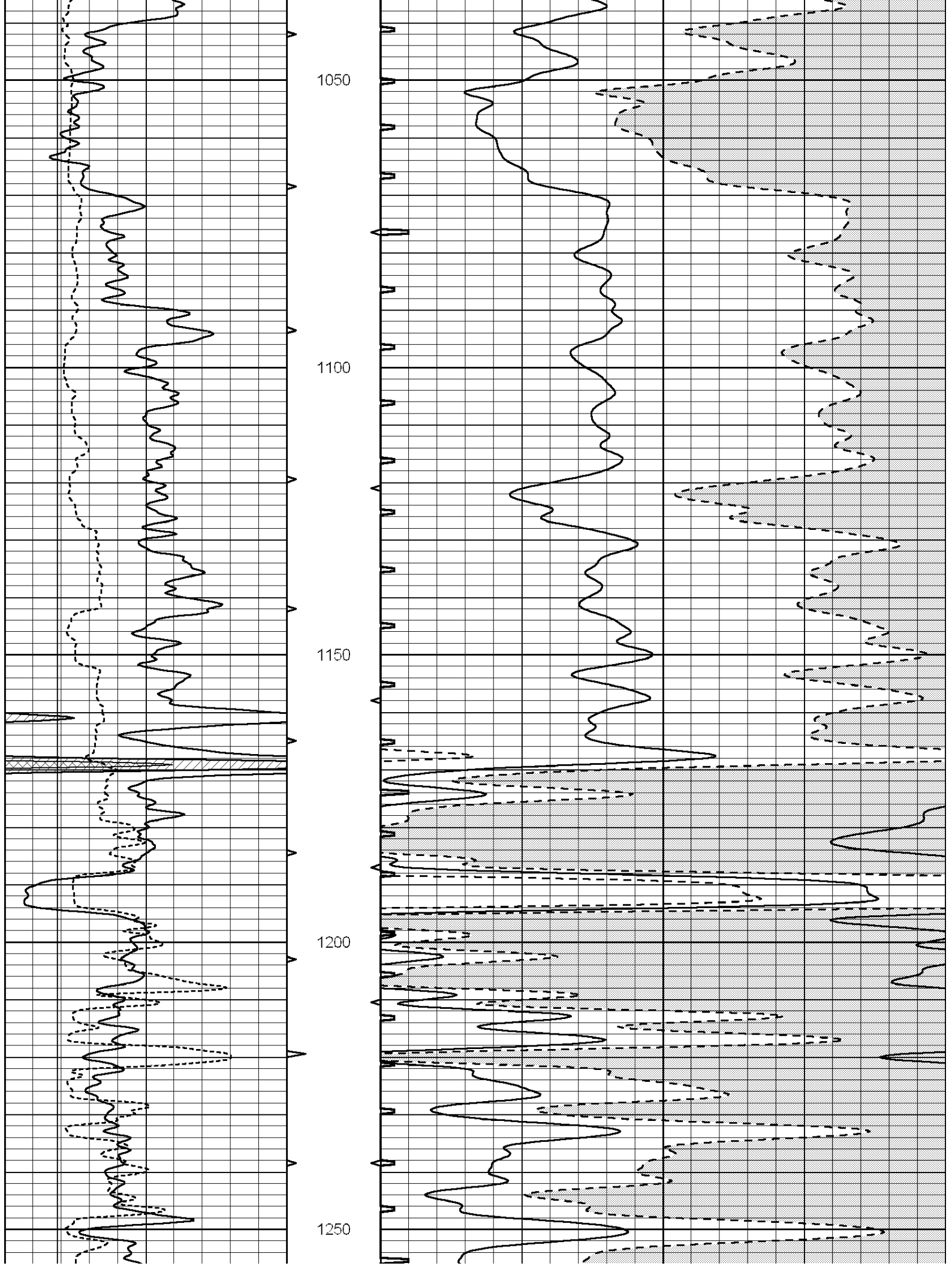
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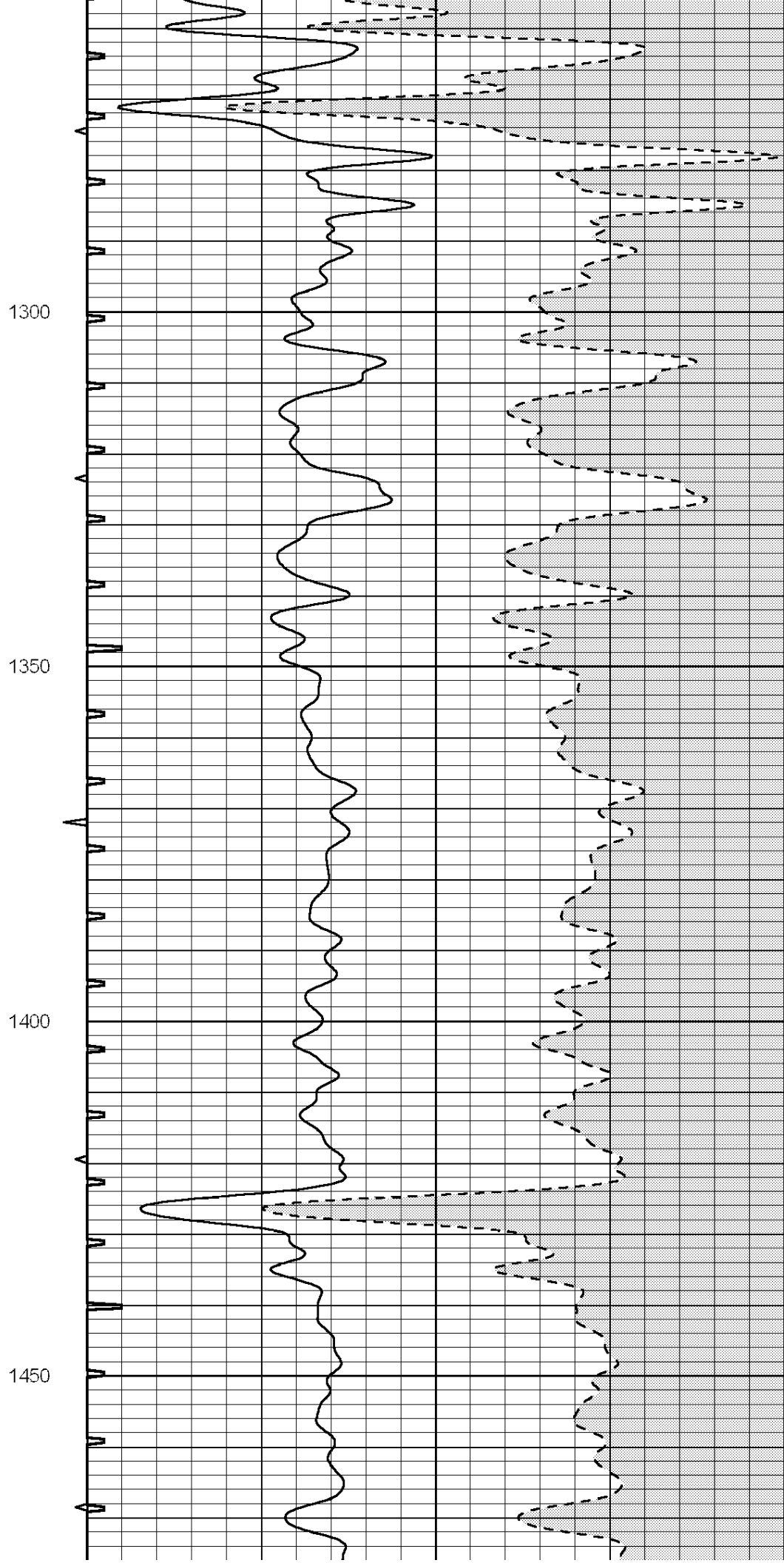
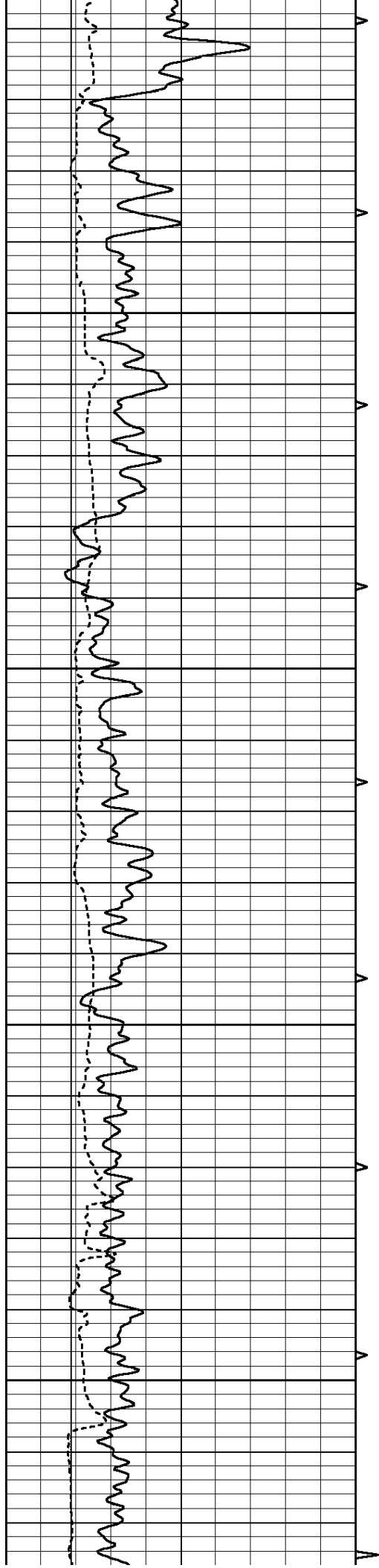
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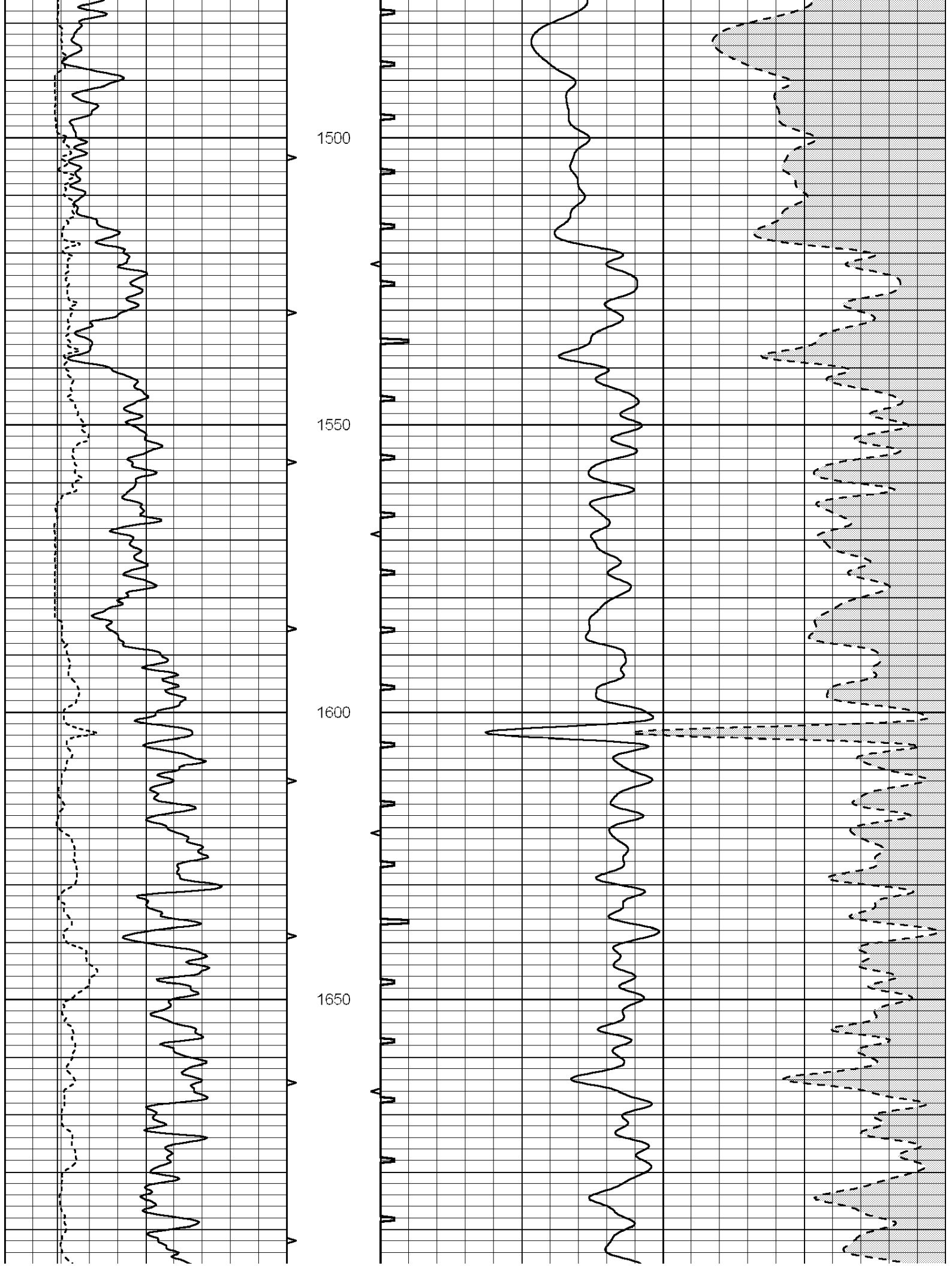
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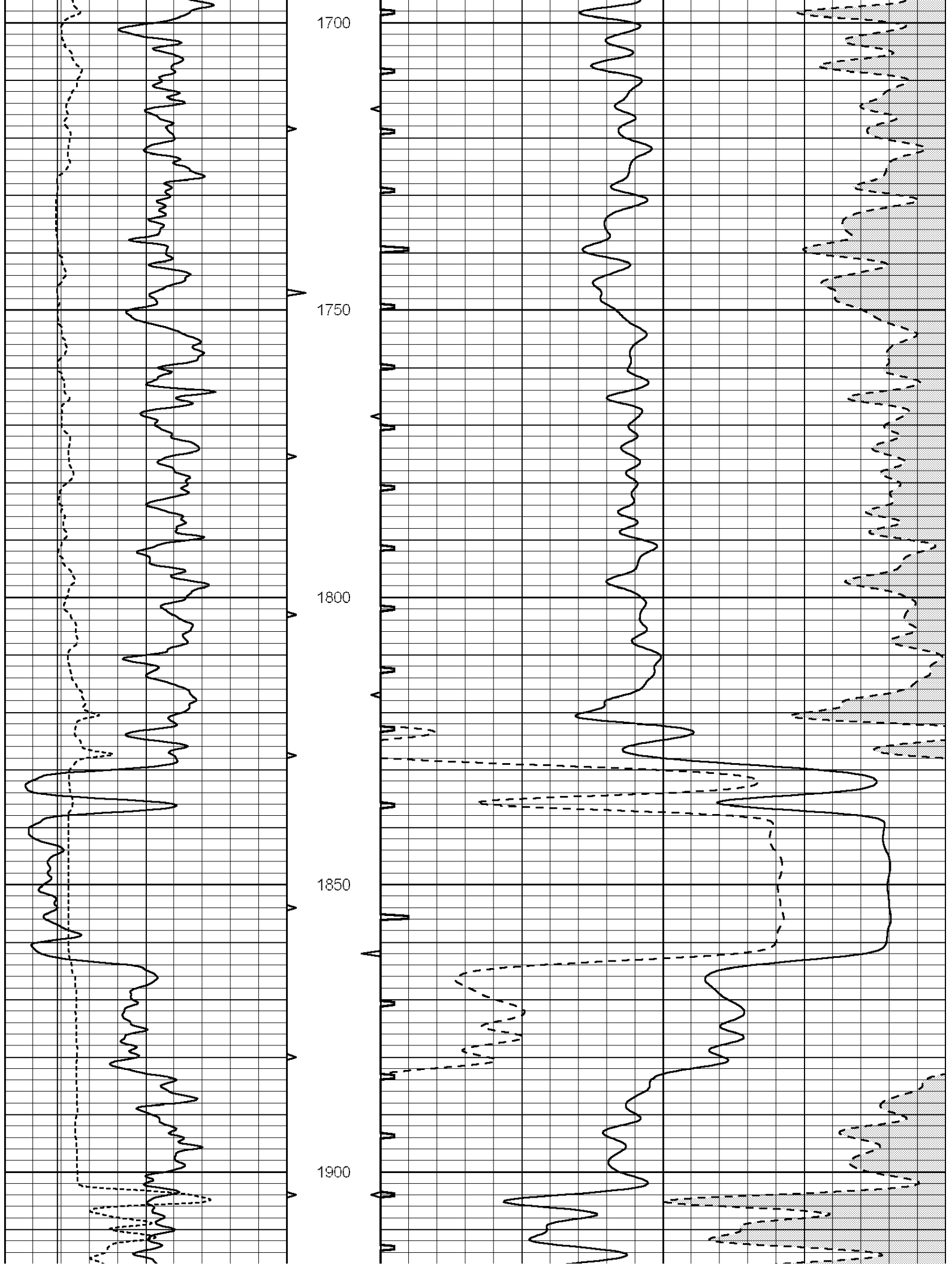
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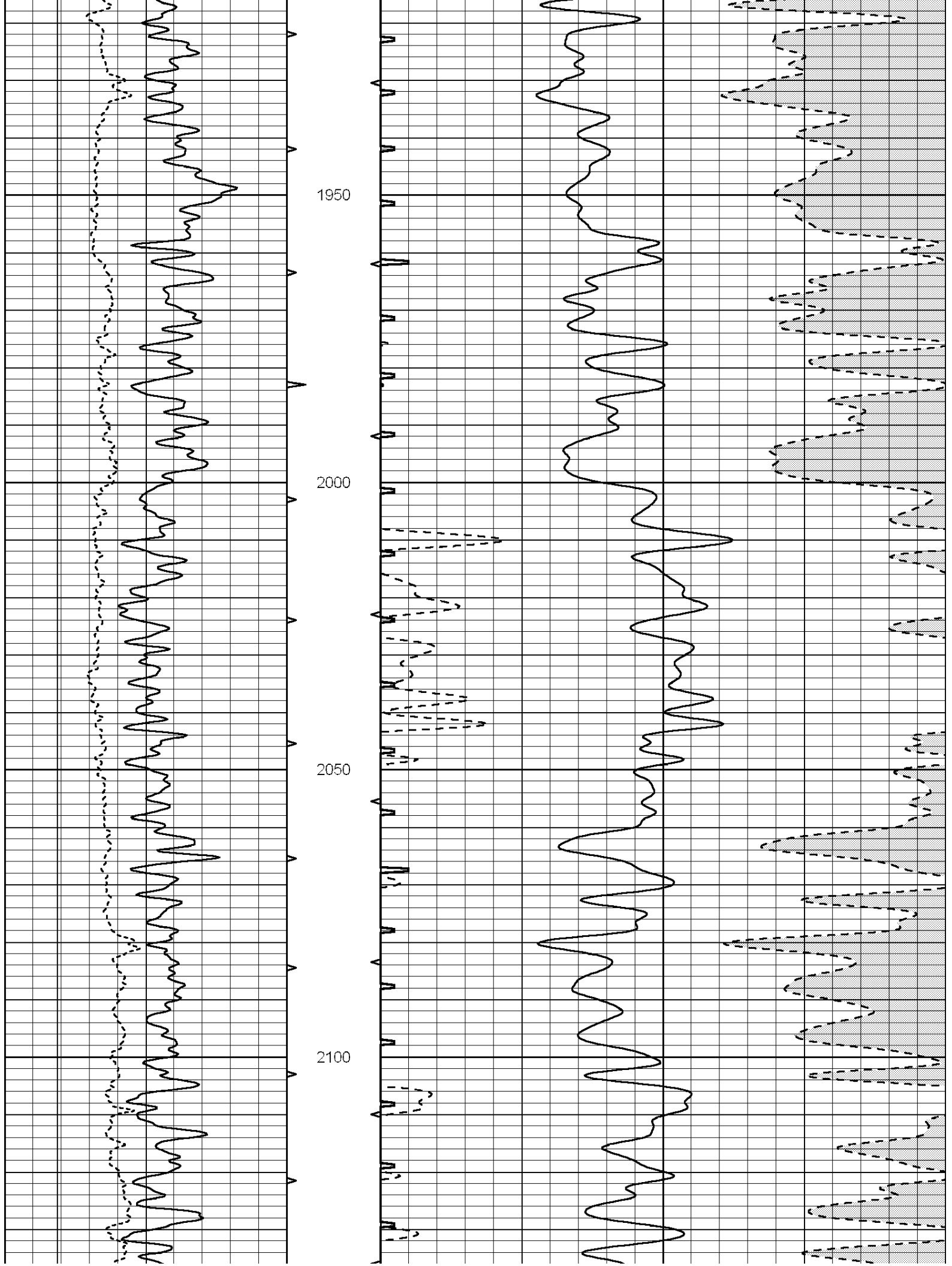


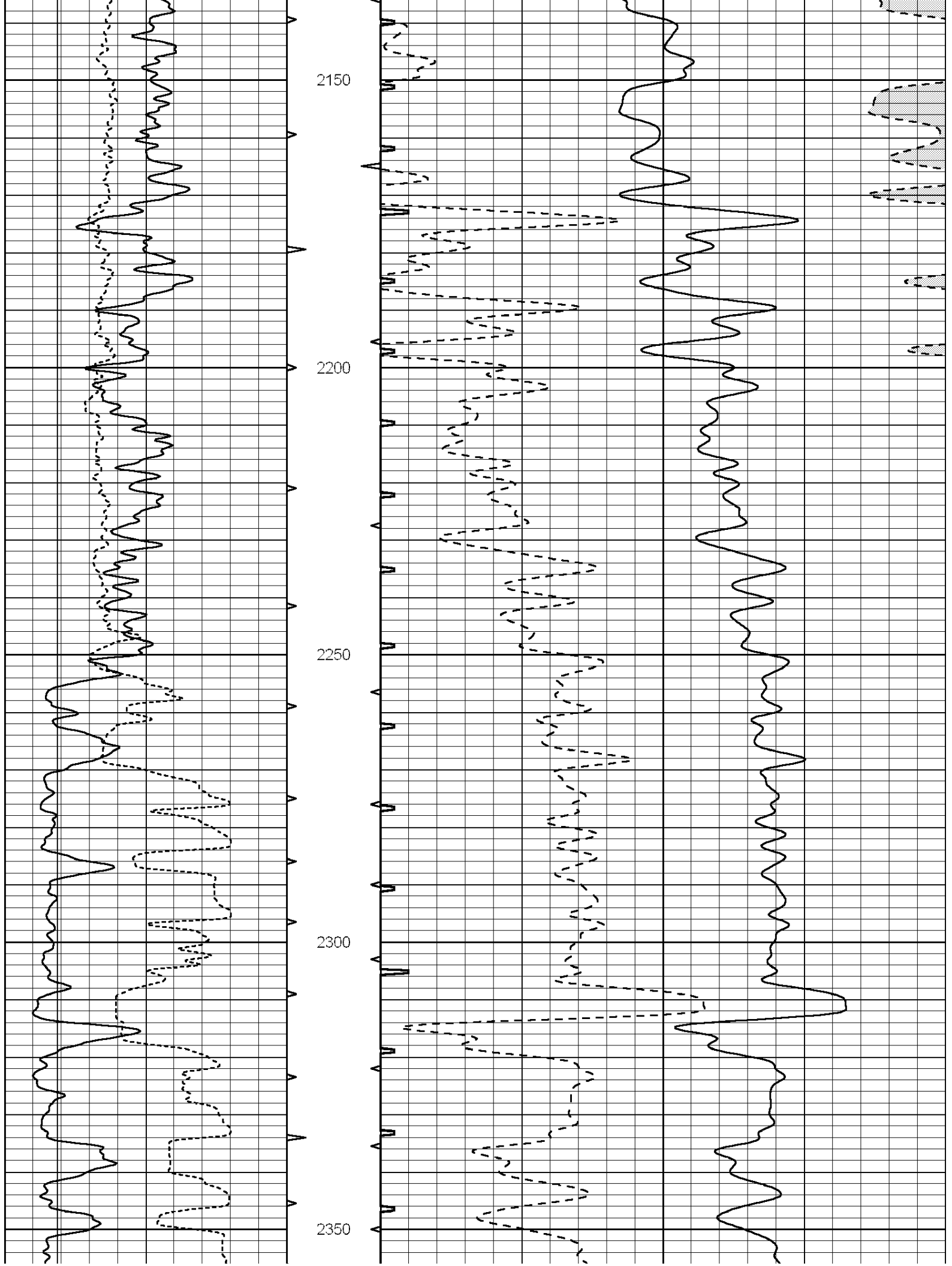


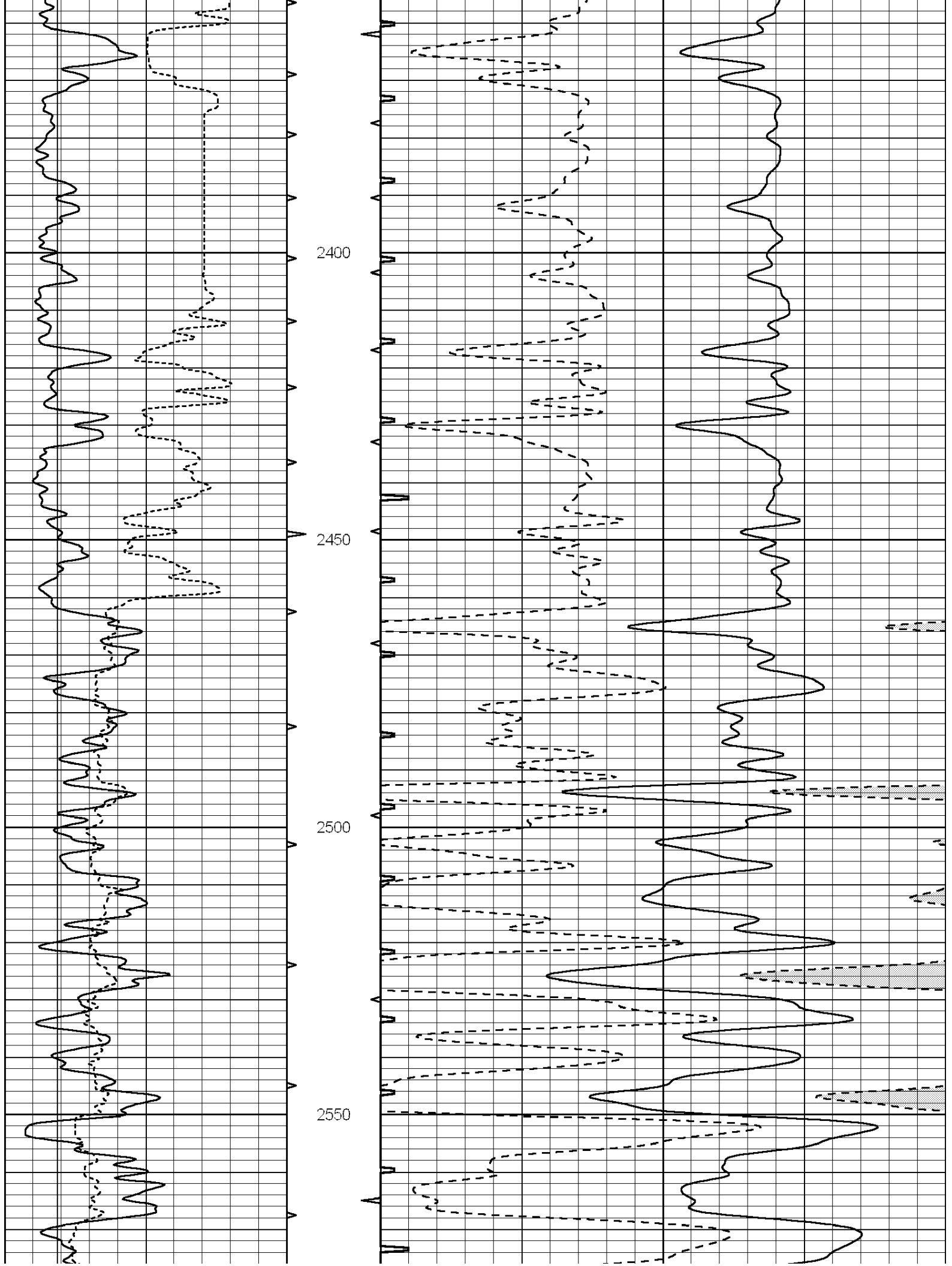


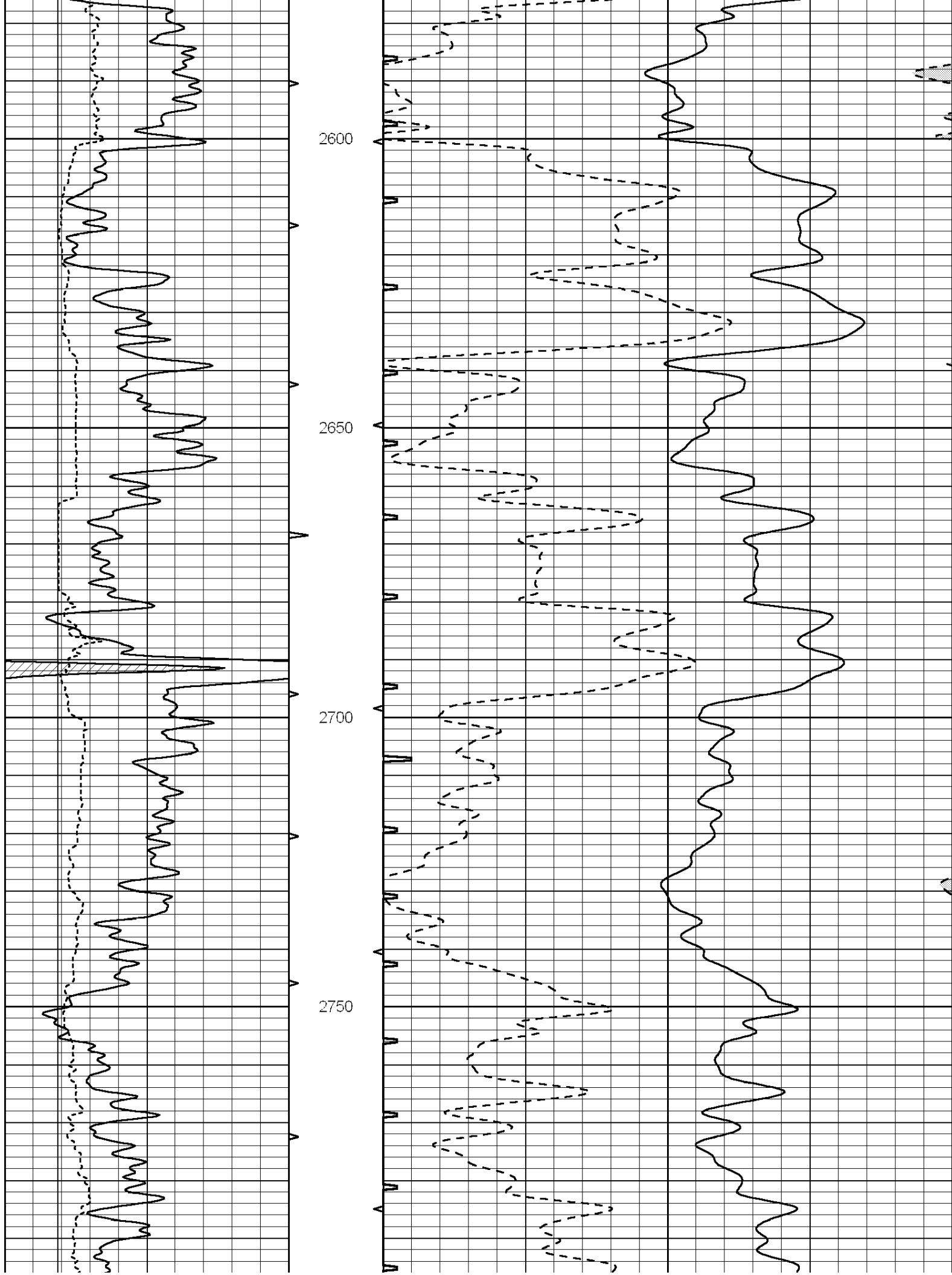


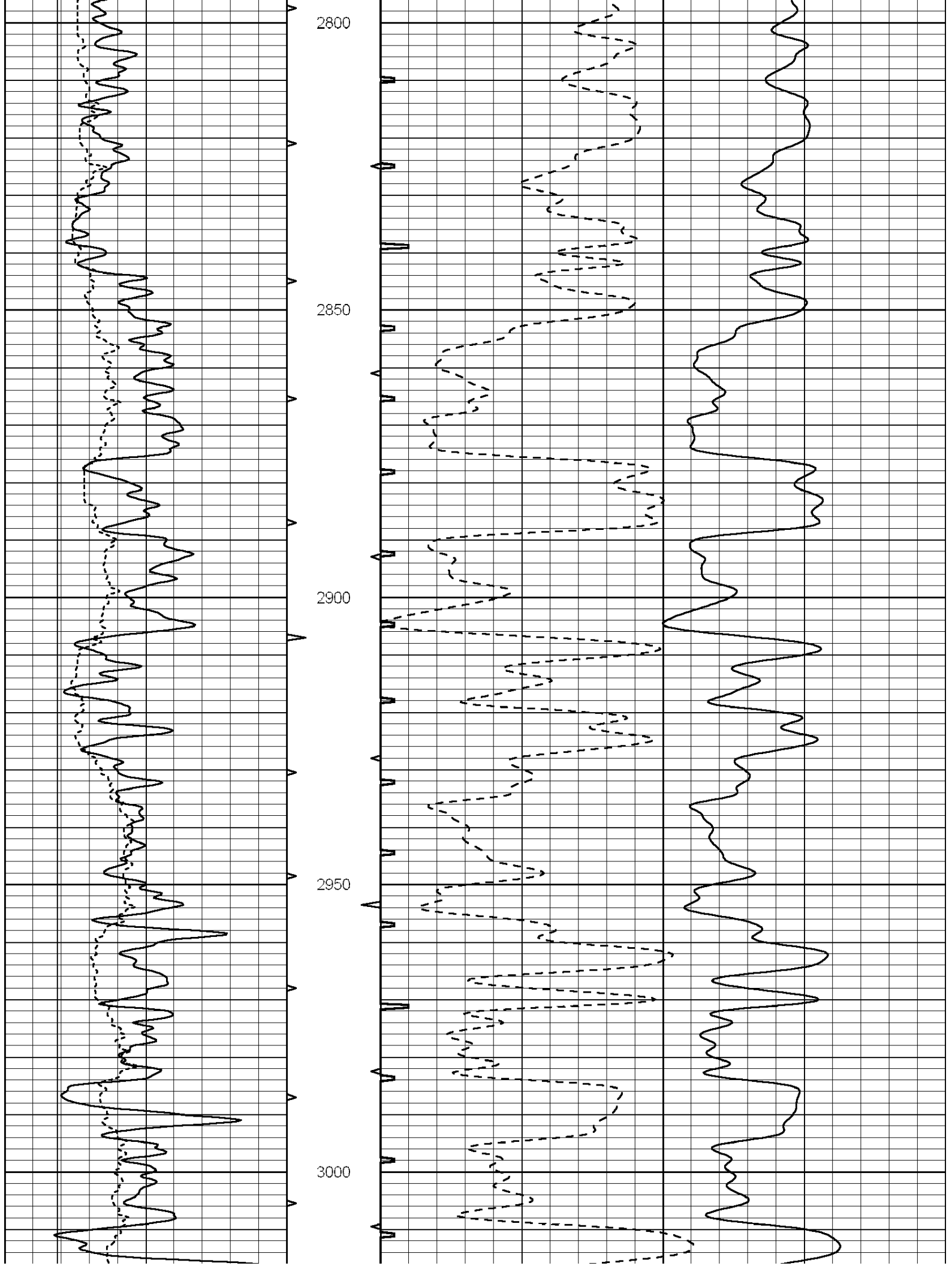


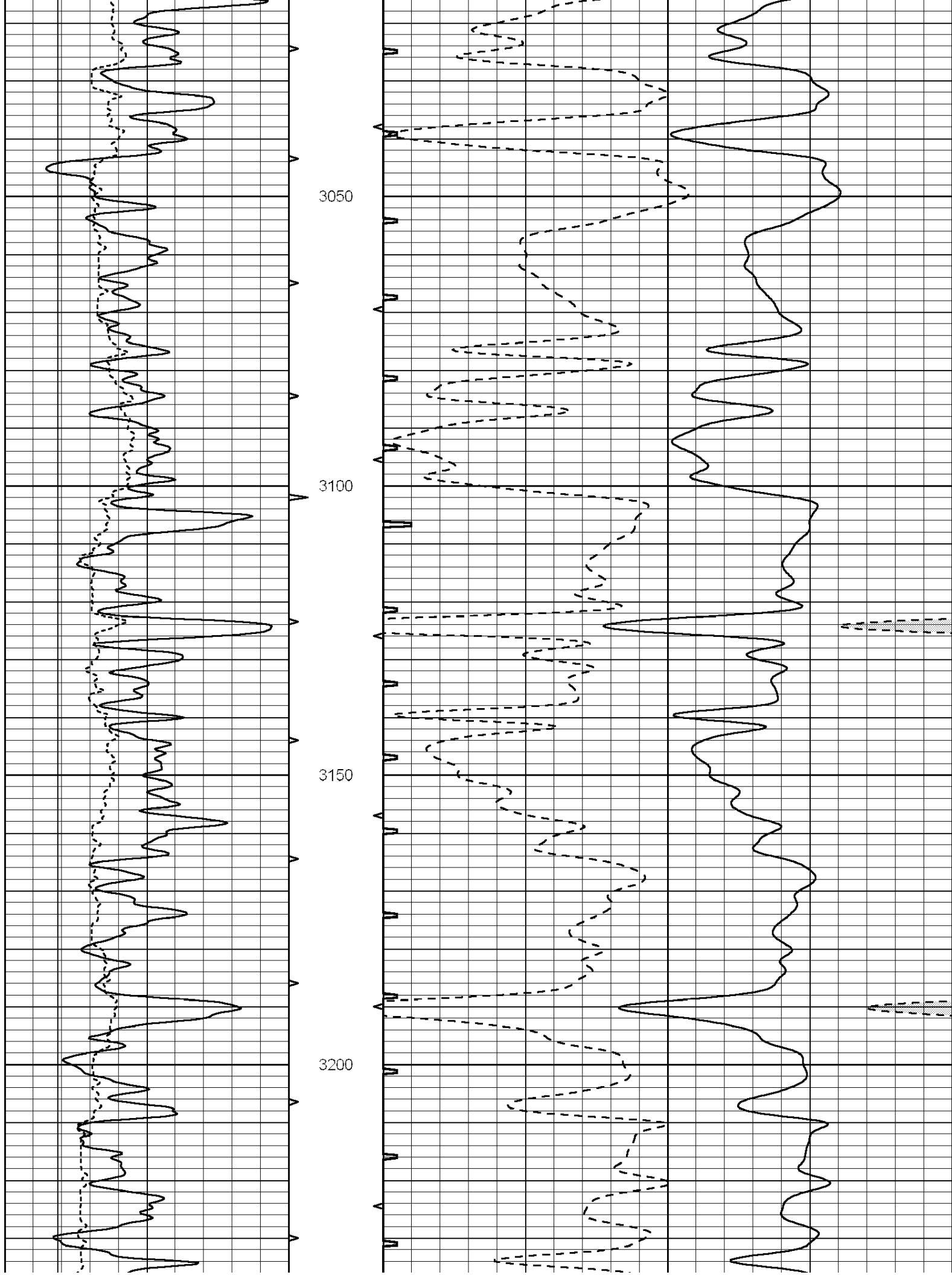


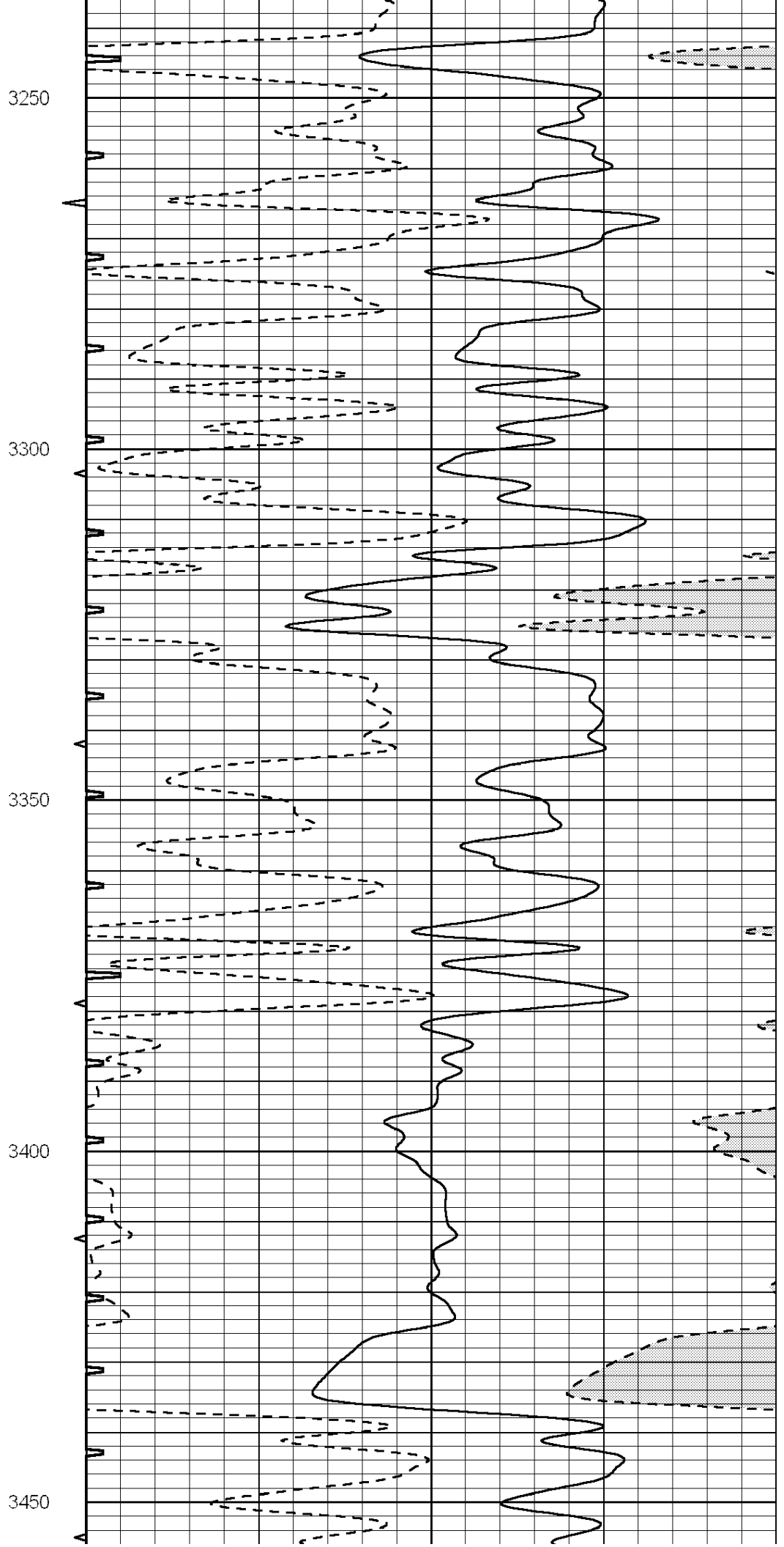
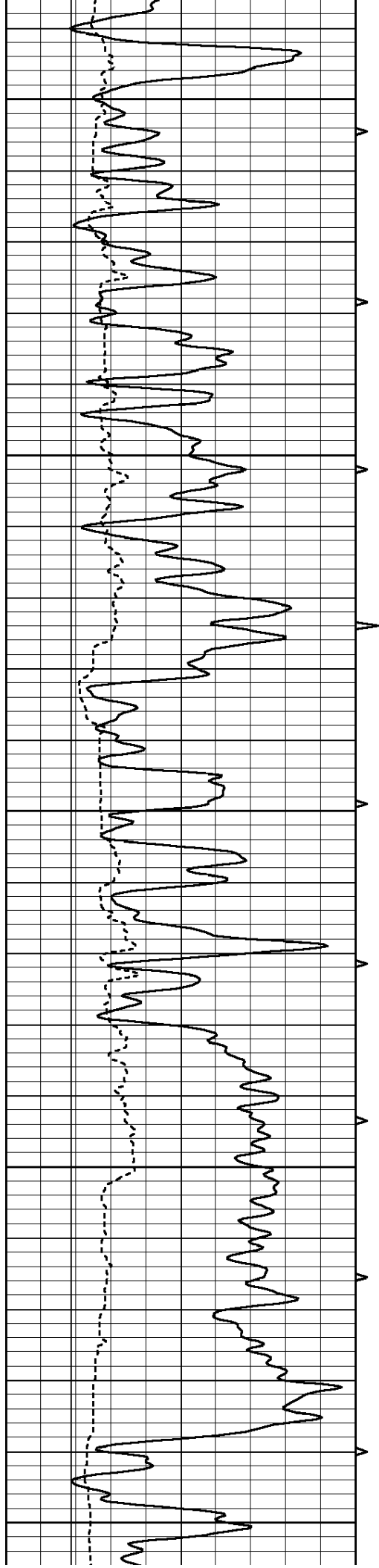


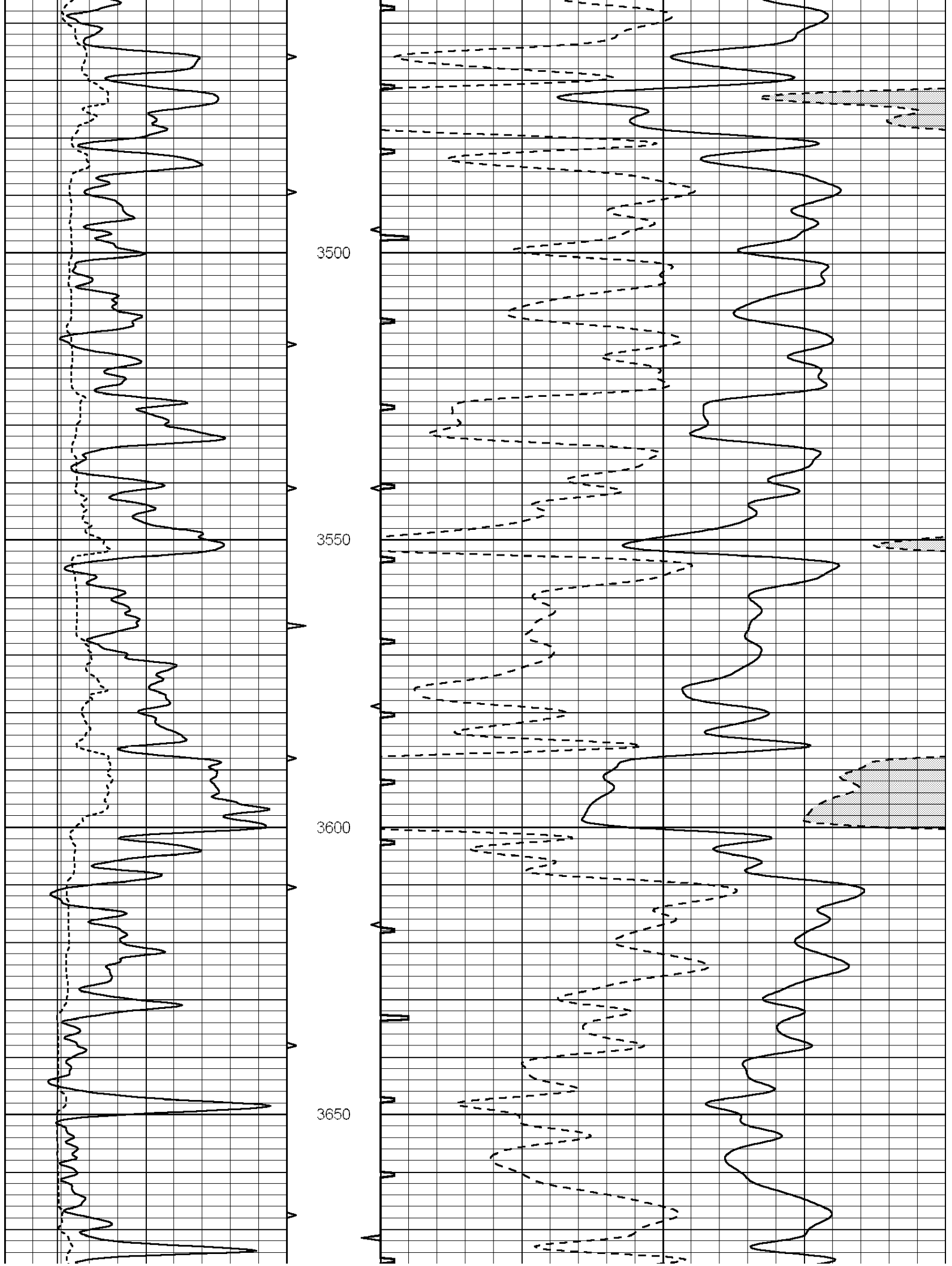


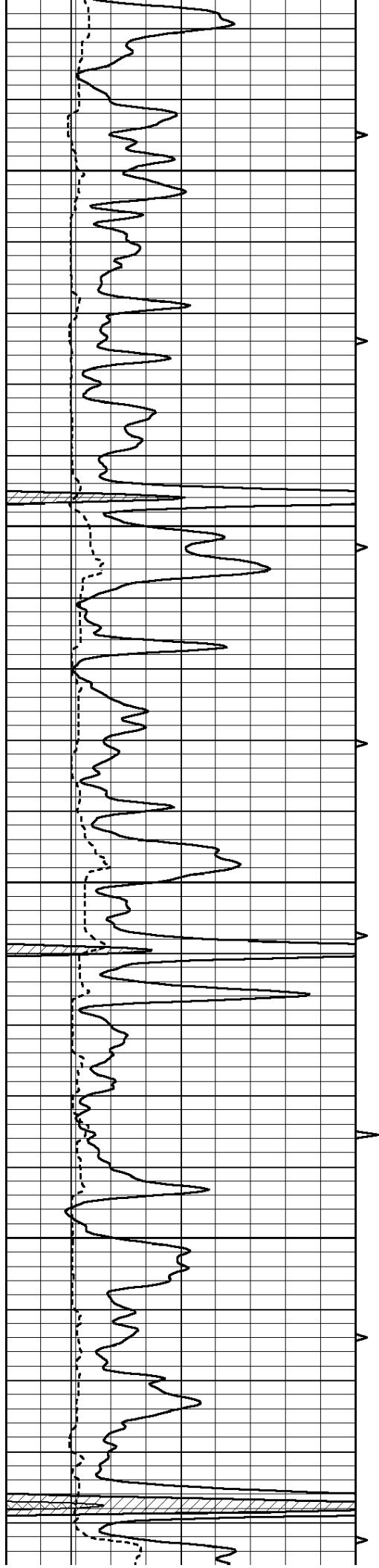










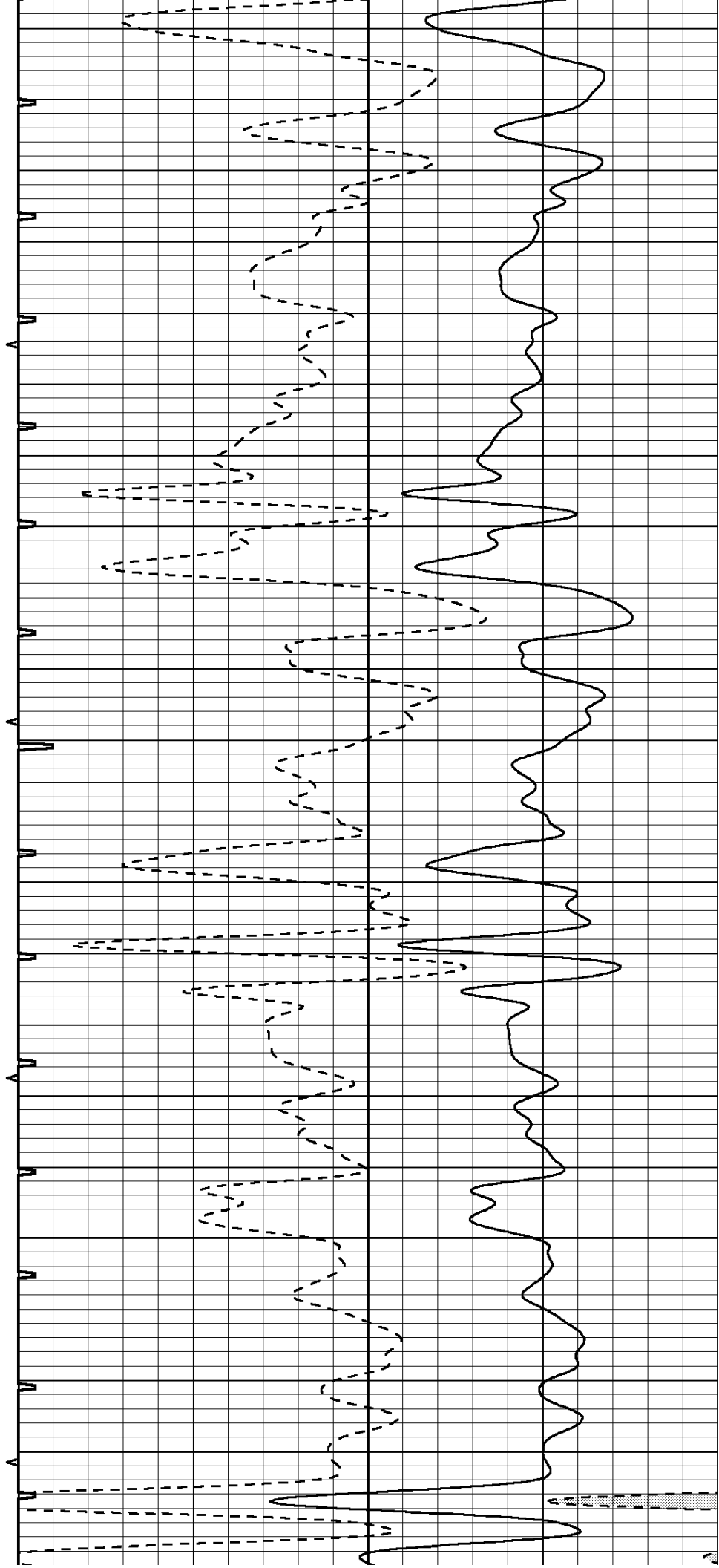


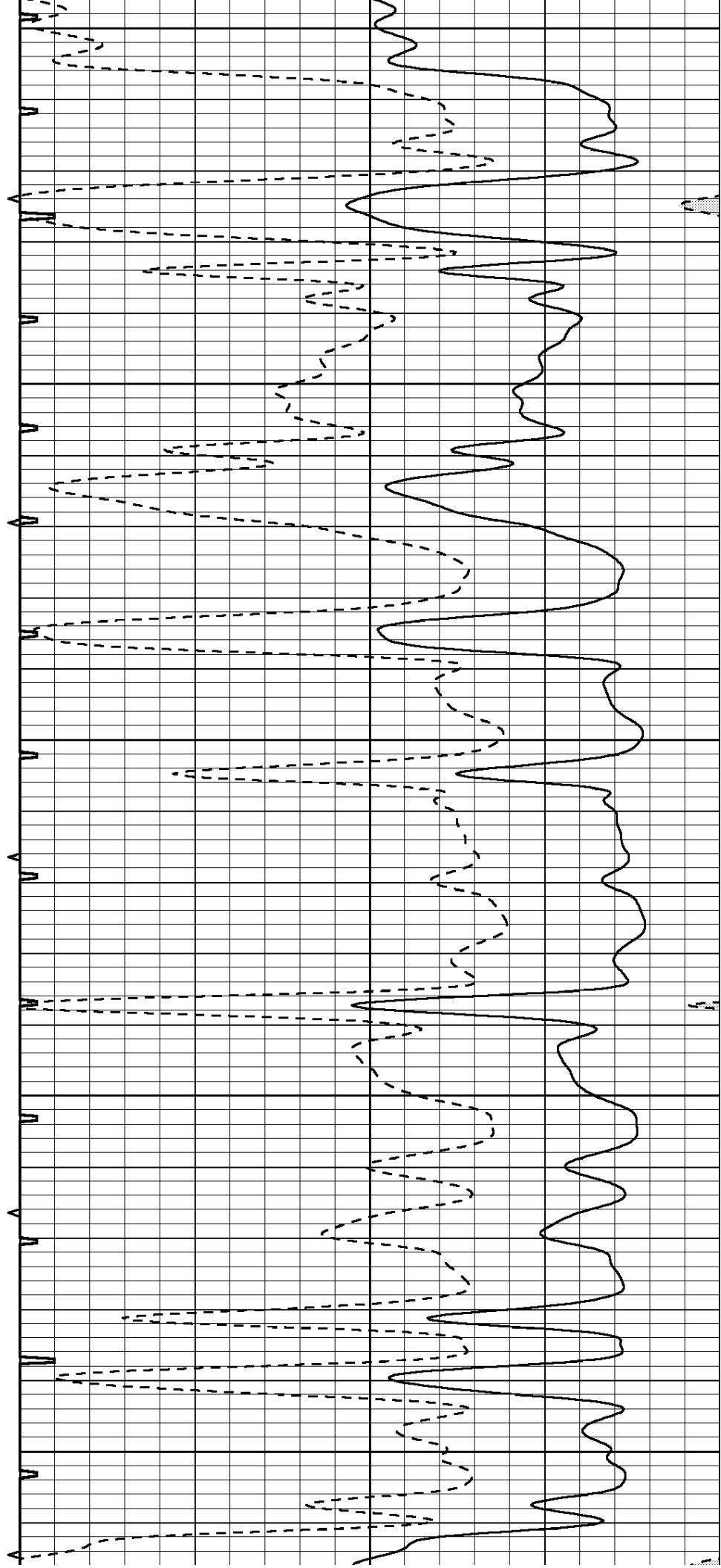
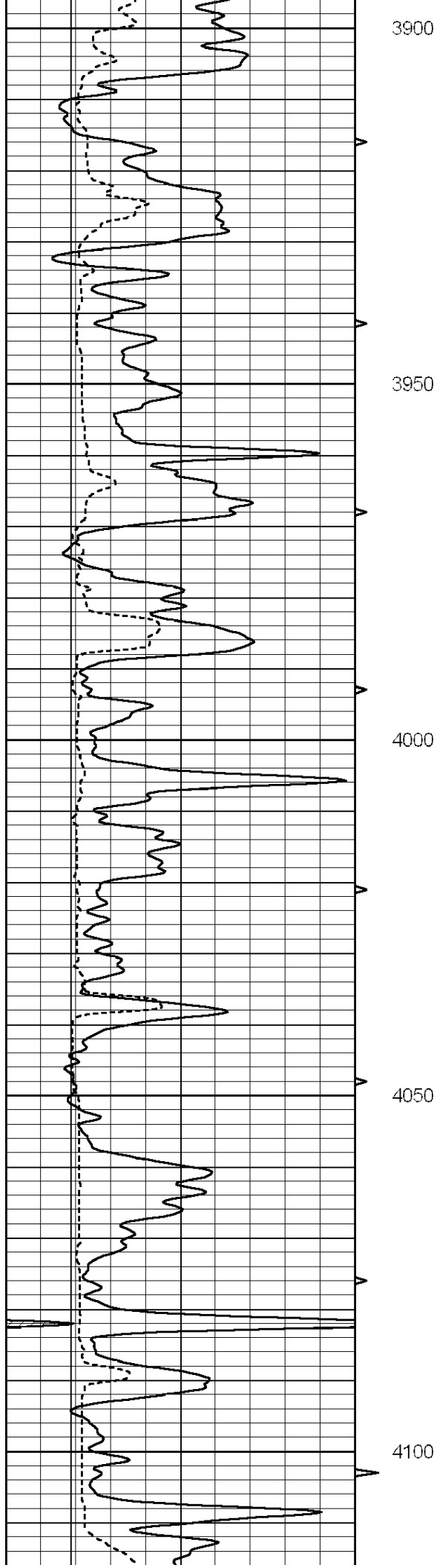
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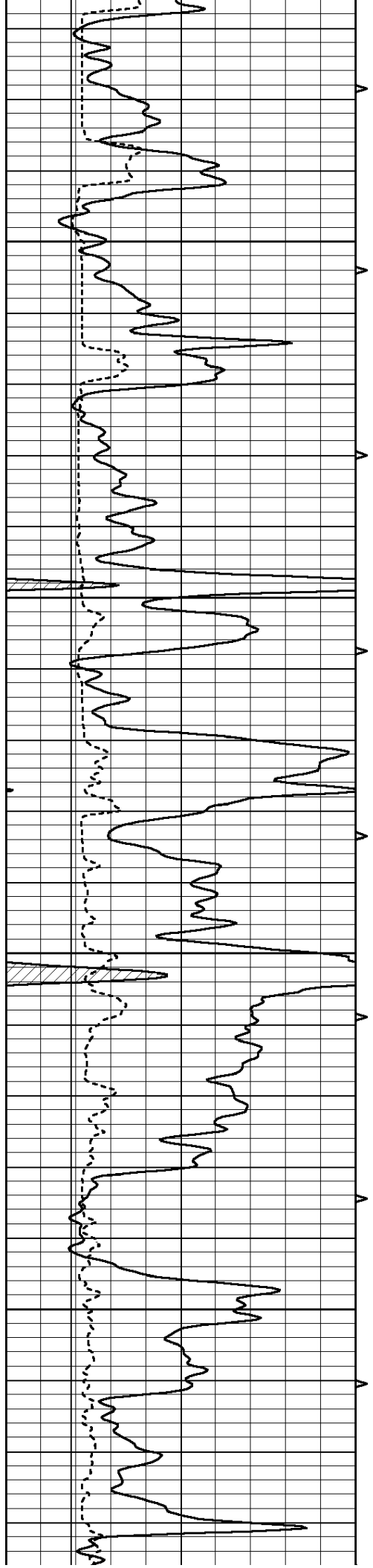
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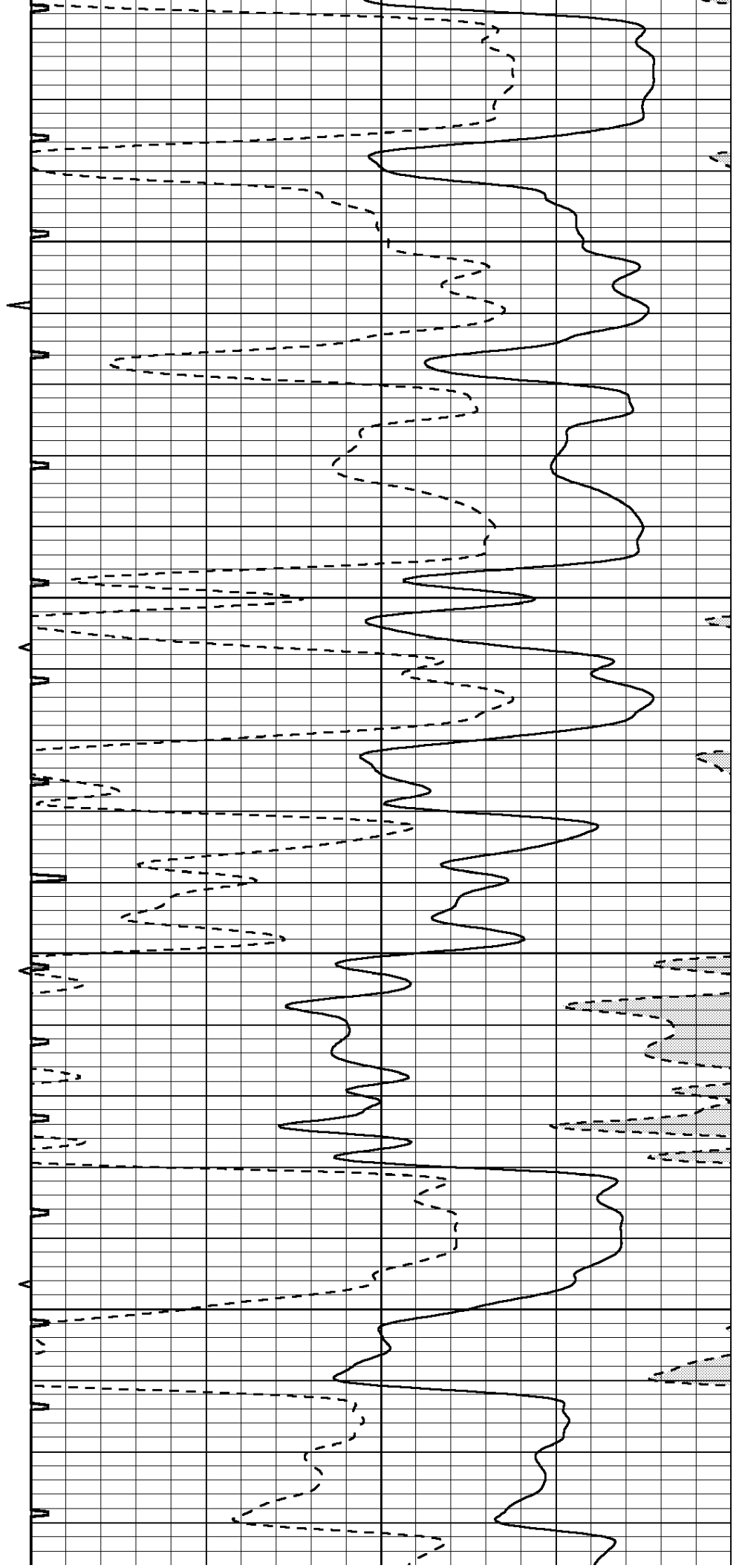


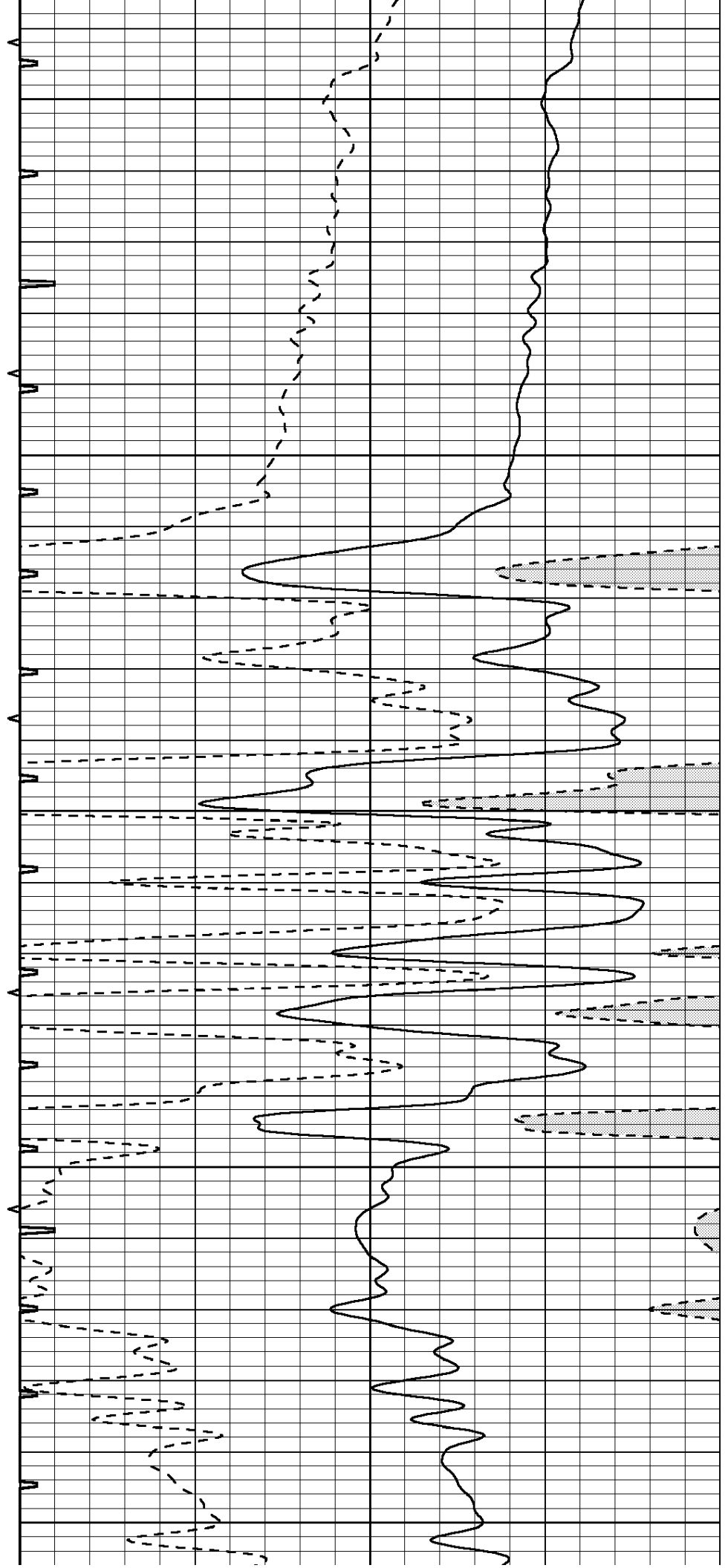
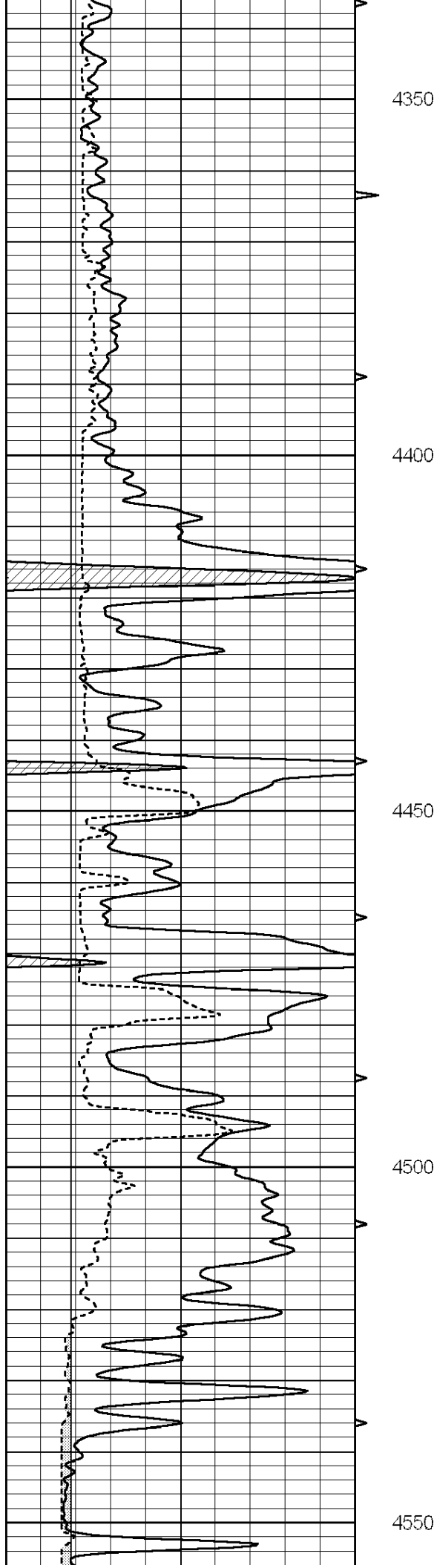
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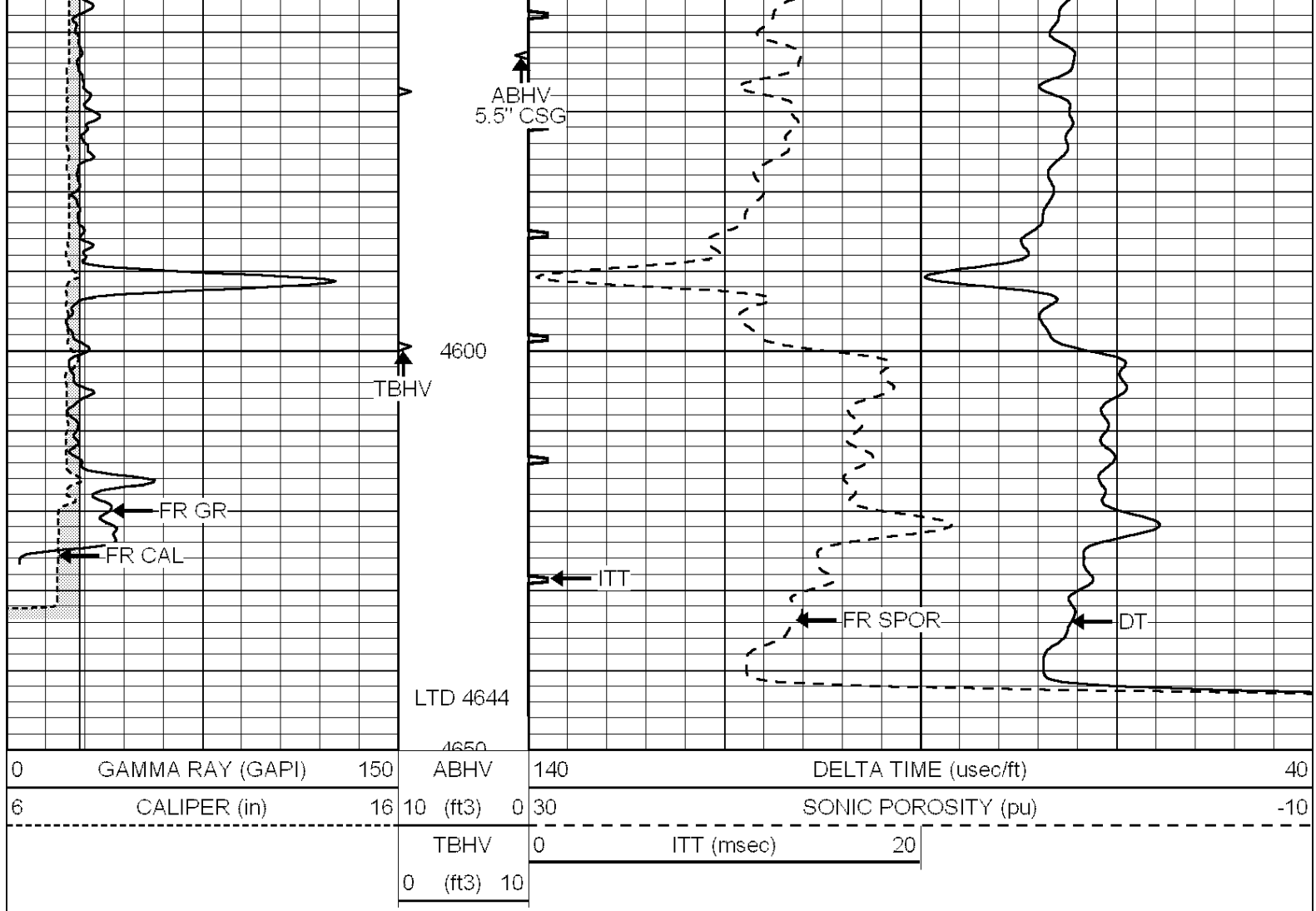
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REPEAT SECTION

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