



**COMPLETION
& PRODUCTION
SERVICES CO.**

**SONIC
LOG**

Company **DOUBLE D'S LLC**
Well **REICHERT #2**
Field **MARTINA**
County **ELLIS** State **KANSAS**

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Location: **API # : 15-051-26508-00-00**
2050' FNL & 330' FEL
N2 - SE - SE - NE
SEC 23 TWP 15S RGE 19W
Permanent Datum **GROUND LEVEL** Elevation **1981**
Log Measured From **KELLY BUSHING 7' A.G.L.**
Drilling Measured From **KELLY BUSHING**

Other Services
CNL/CDL
DIL/MEL

Elevation

K.B. 1988
D.F. 1986
G.L. 1981

Date	4-15-13
Run Number	TW0
Depth Driller	3678
Depth Logger	3679
Bottom Logged Interval	3672
Top Log Interval	1100
Casing Driller	1163
Casing Logger	1162
Bit Size	7.875
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.1 / 53
pH / Fluid Loss	10.5 / 7.4
Source of Sample	FLOWLINE
Rim @ Meas. Temp	0.60 @ 72F
Rmf @ Meas. Temp	0.45 @ 72F
Rmc @ Meas. Temp	0.72 @ 72F
Source of Rmf / Rmc	MEASURED
Rim @ BHT	0.38 @ 113F
Time Circulation Stopped	2 HOURS
Time Logger on Bottom	
Maximum Recorded Temperature	113F
Equipment Number	860
Location	HAYS, KS.
Recorded By	IAN MABB
Witnessed By	DUANE BEIKER

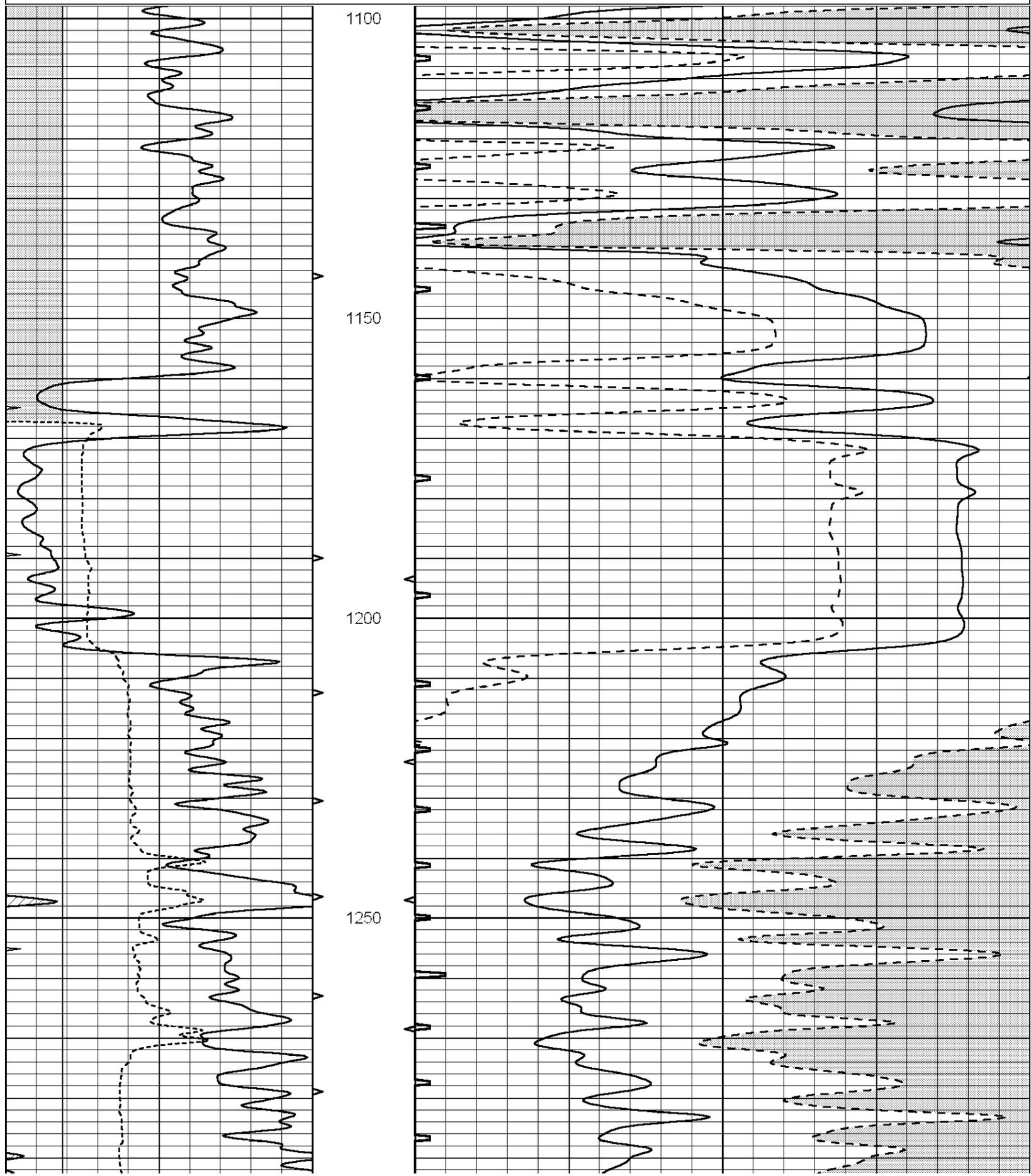
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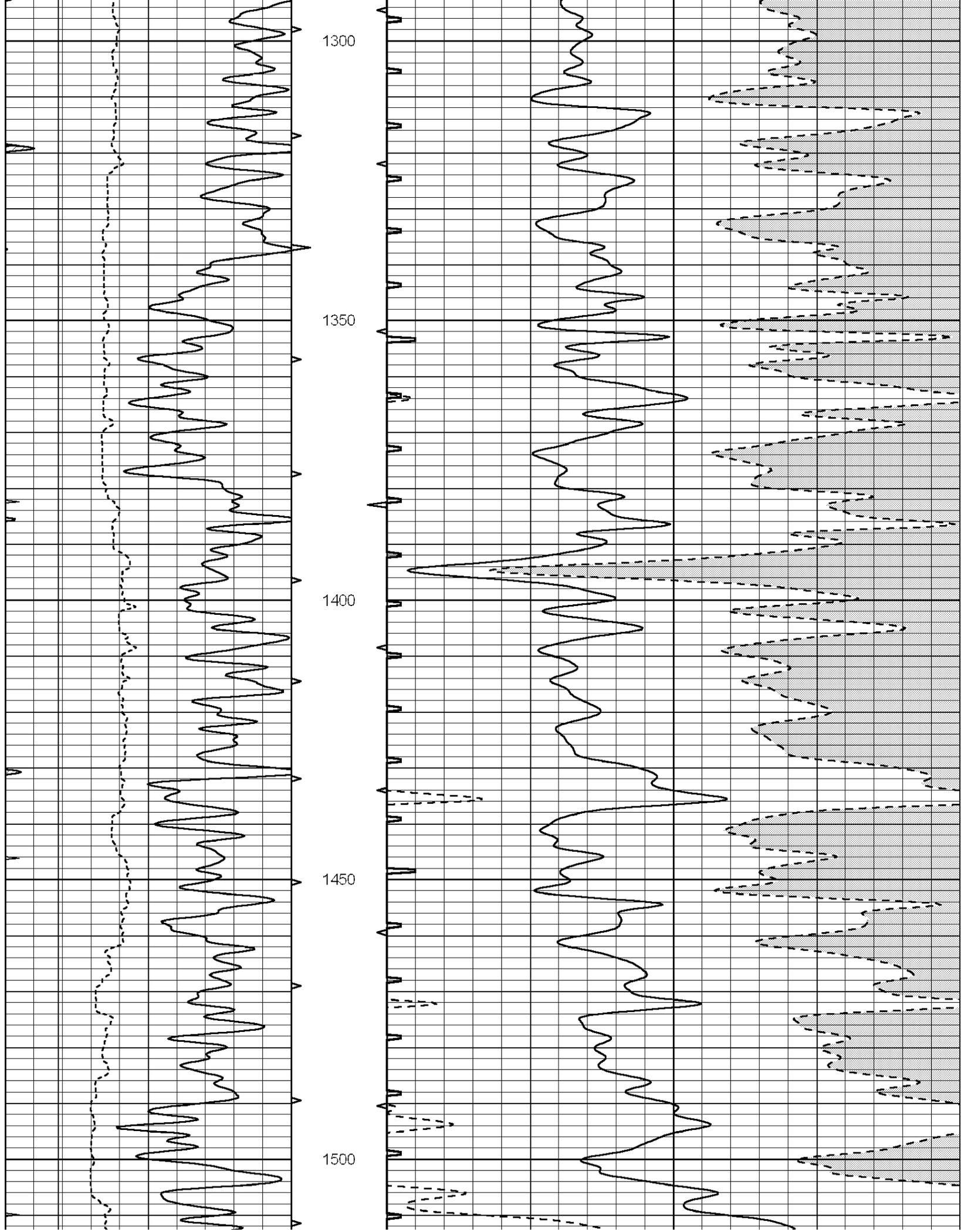
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

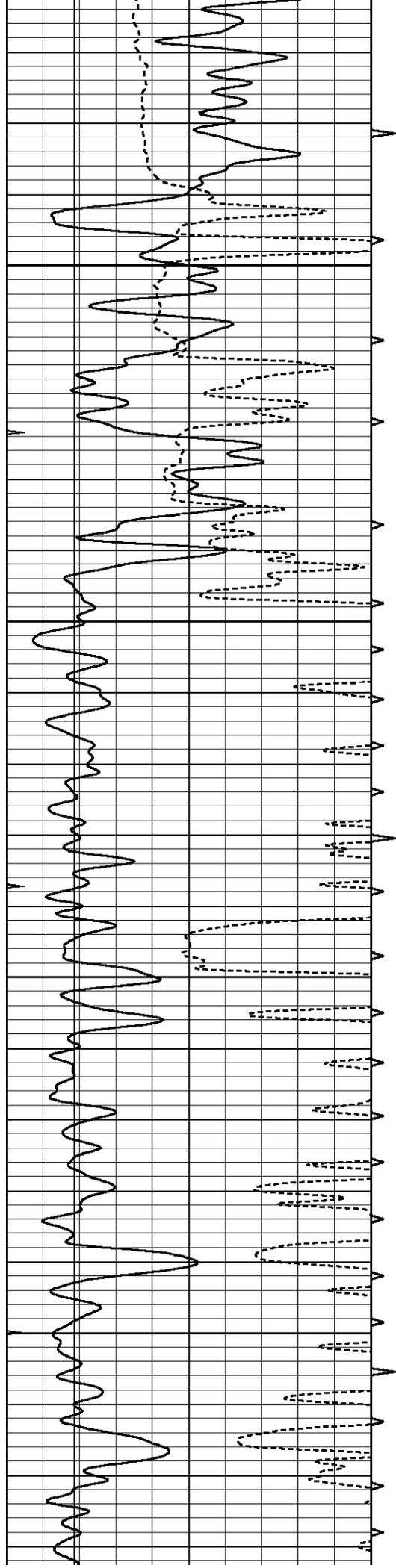
Comments

NABORS PRODUCTION & COMPLETION SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: ANTONINO, KS. - 3 1/2 MILES SOUTH - WEST INTO

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





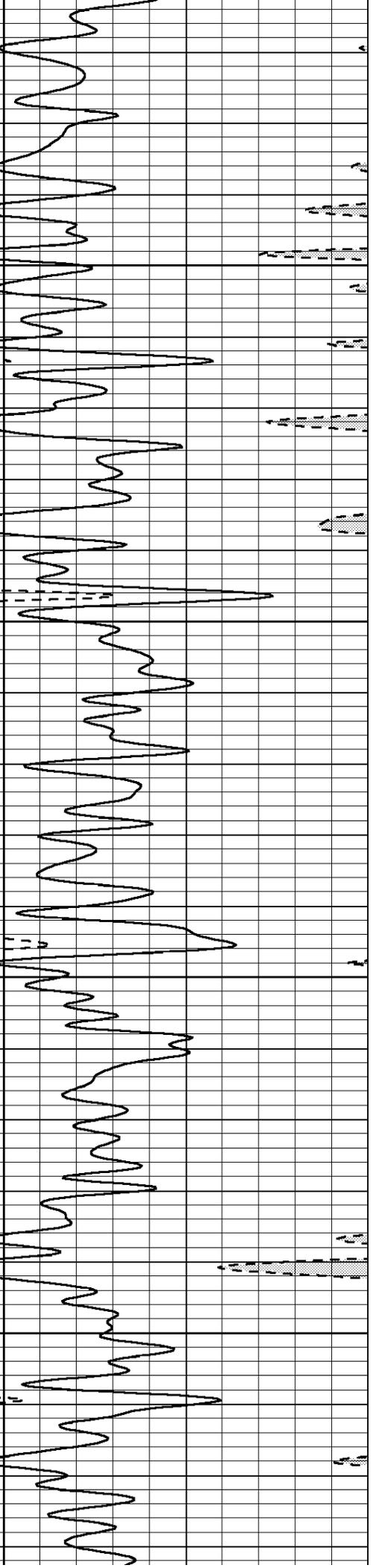
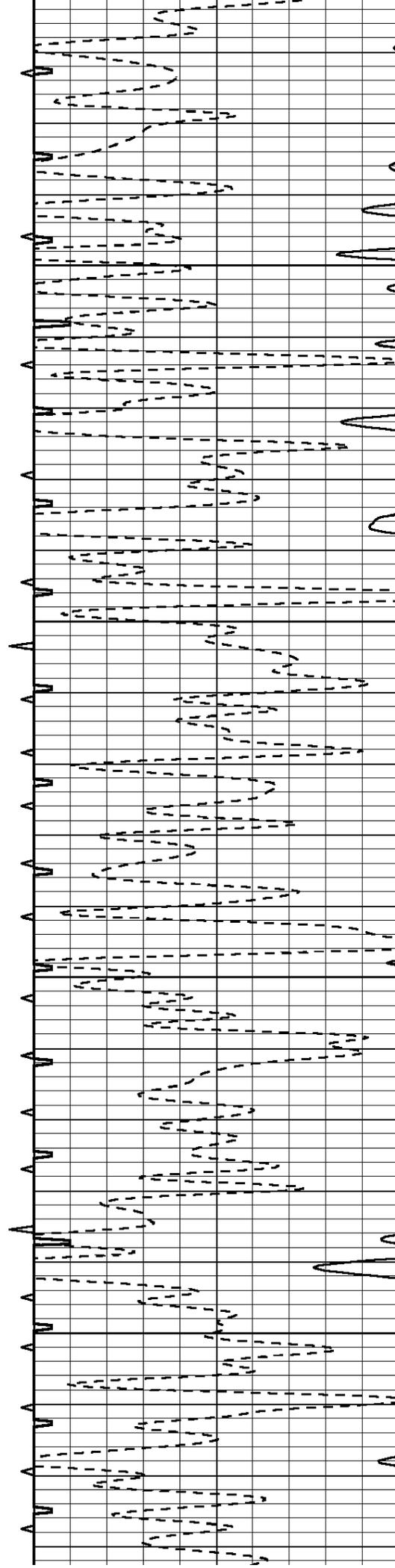


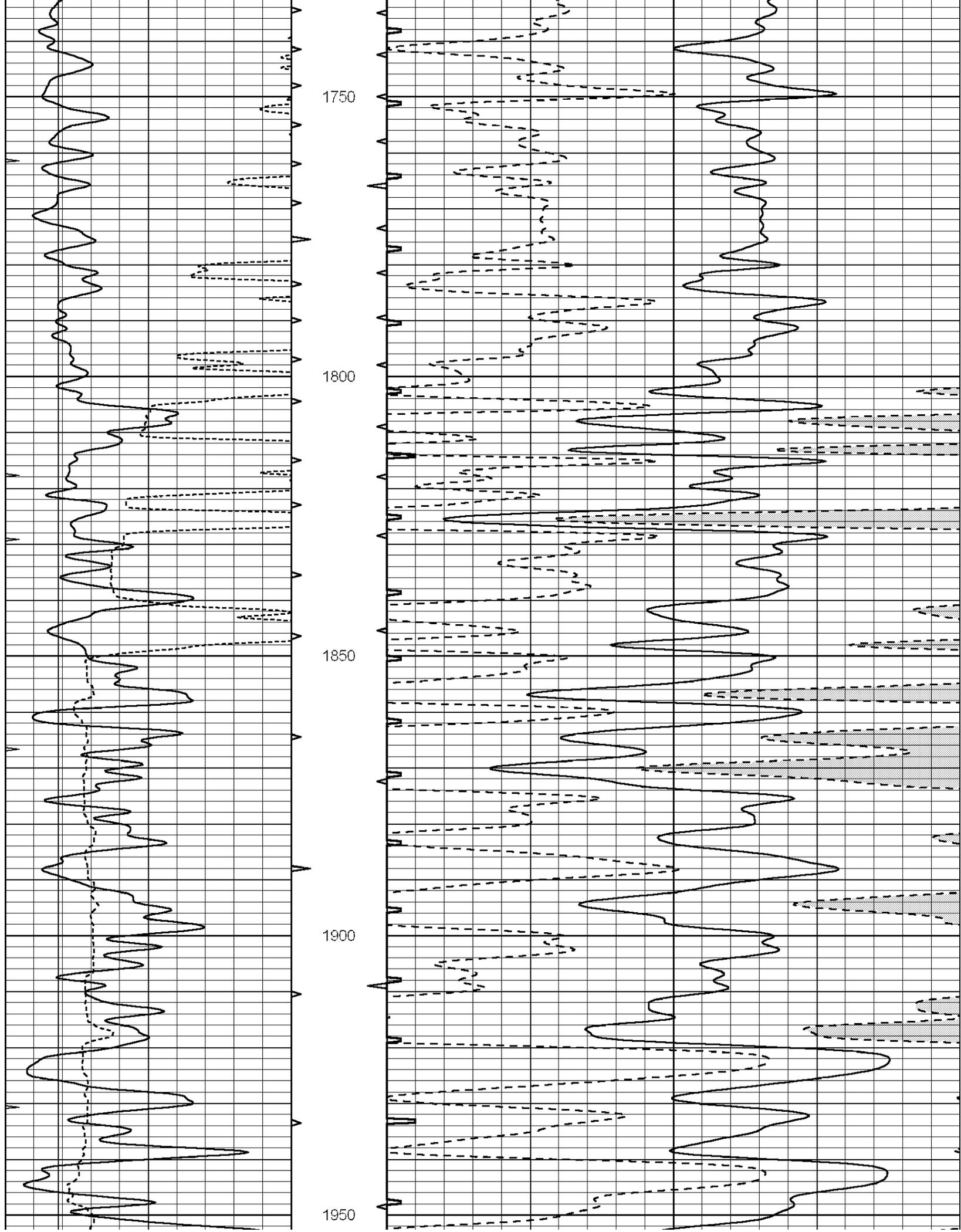
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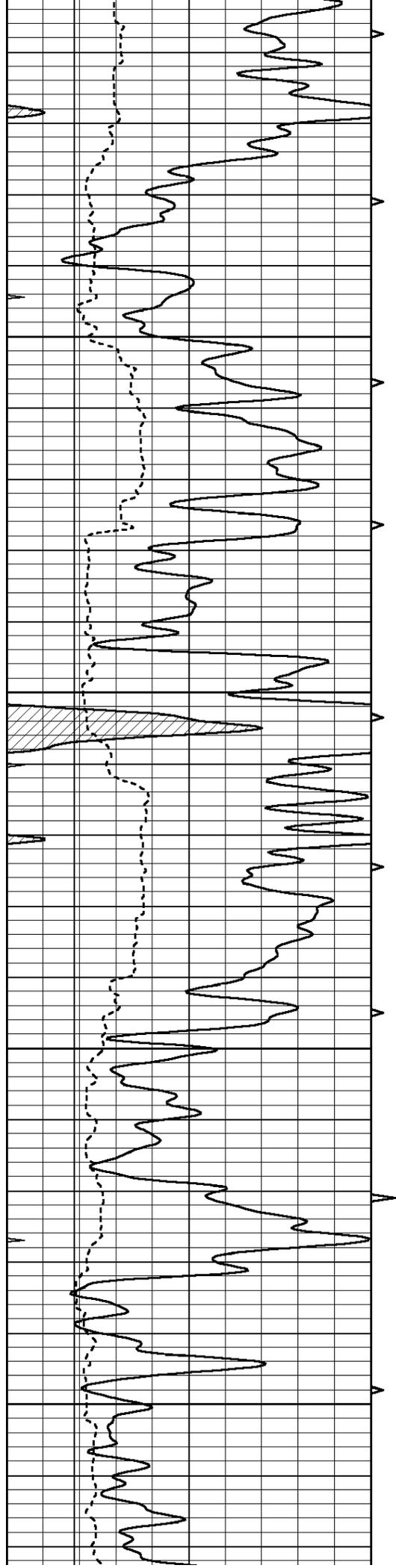
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1700





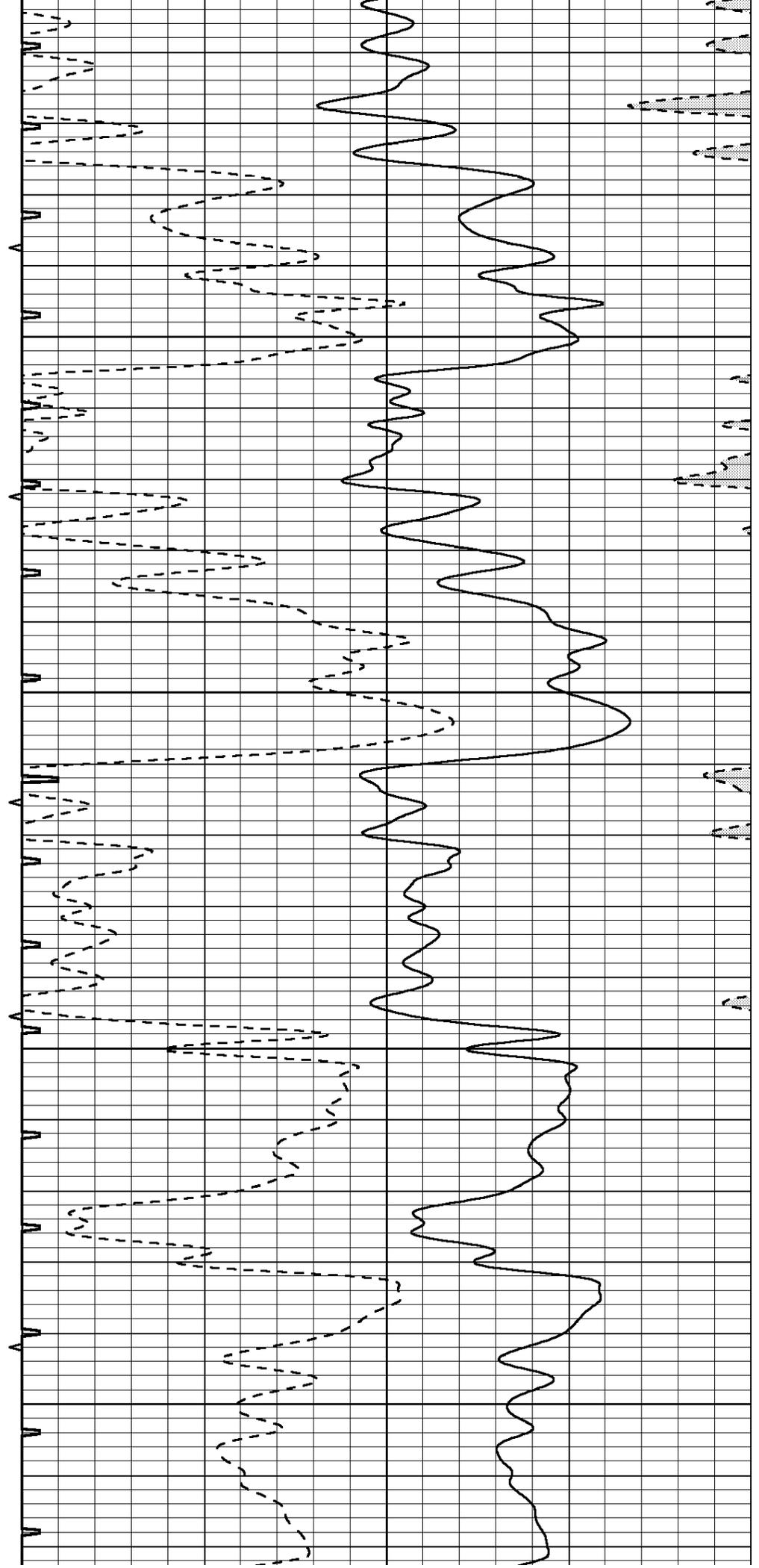


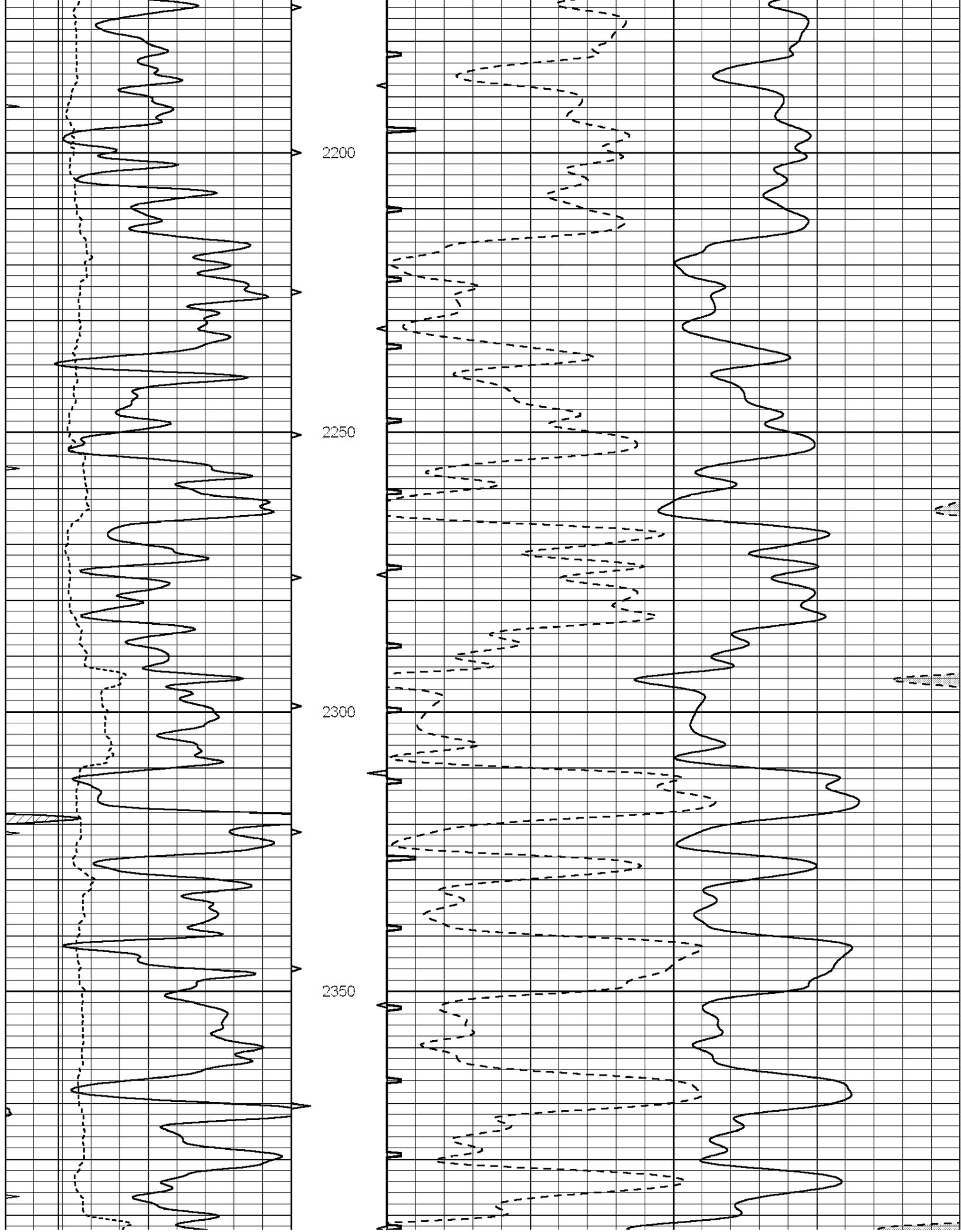
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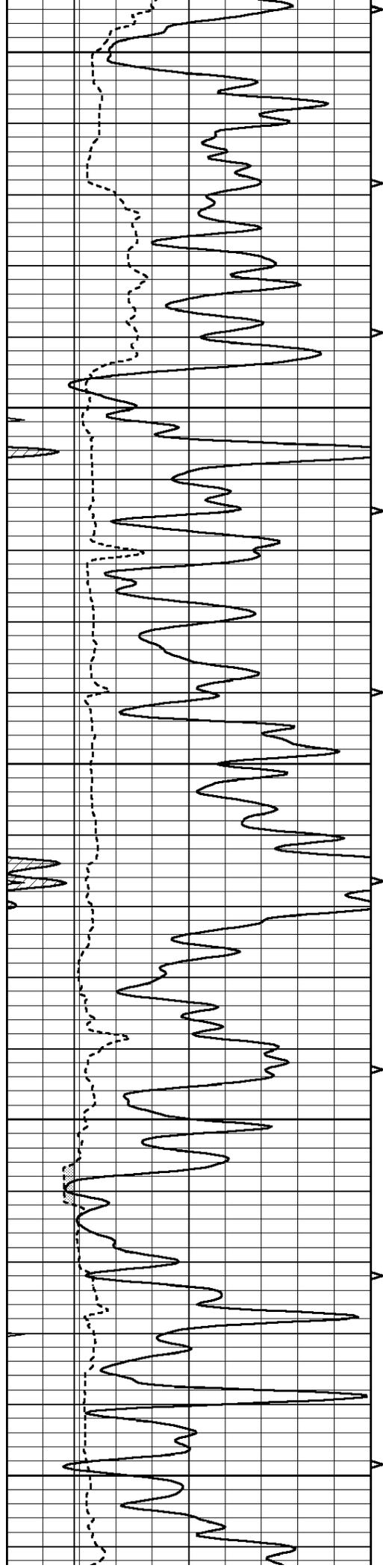
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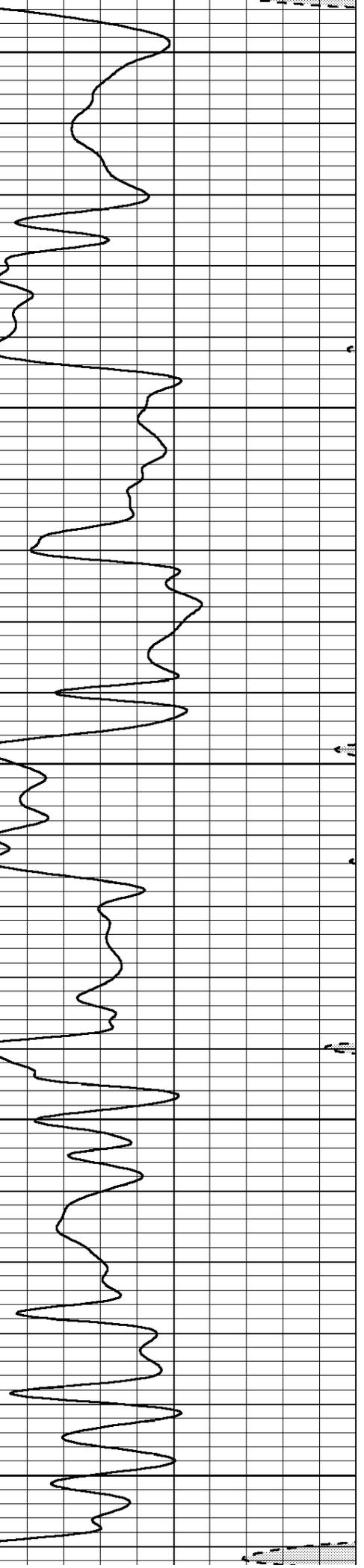
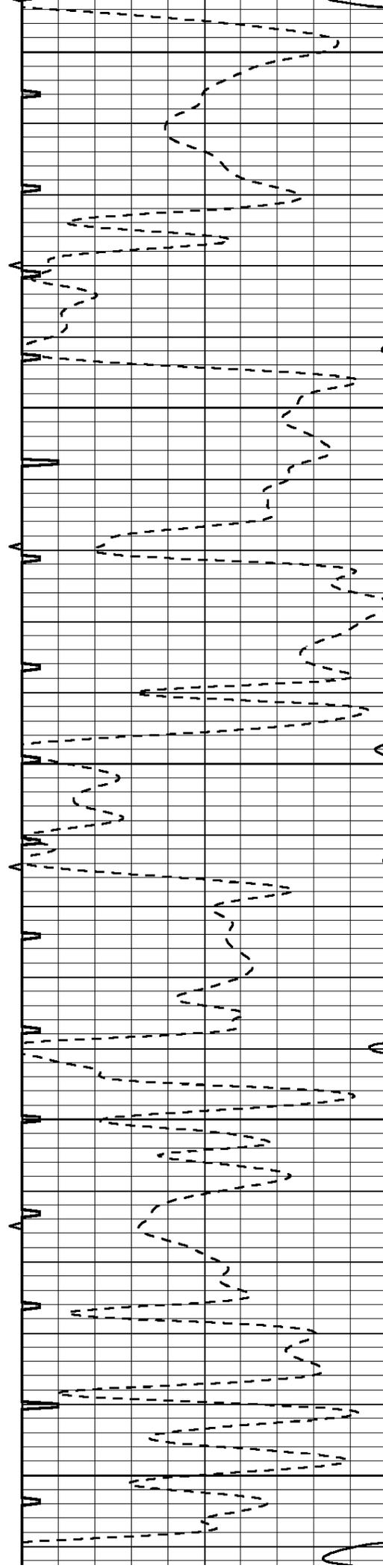
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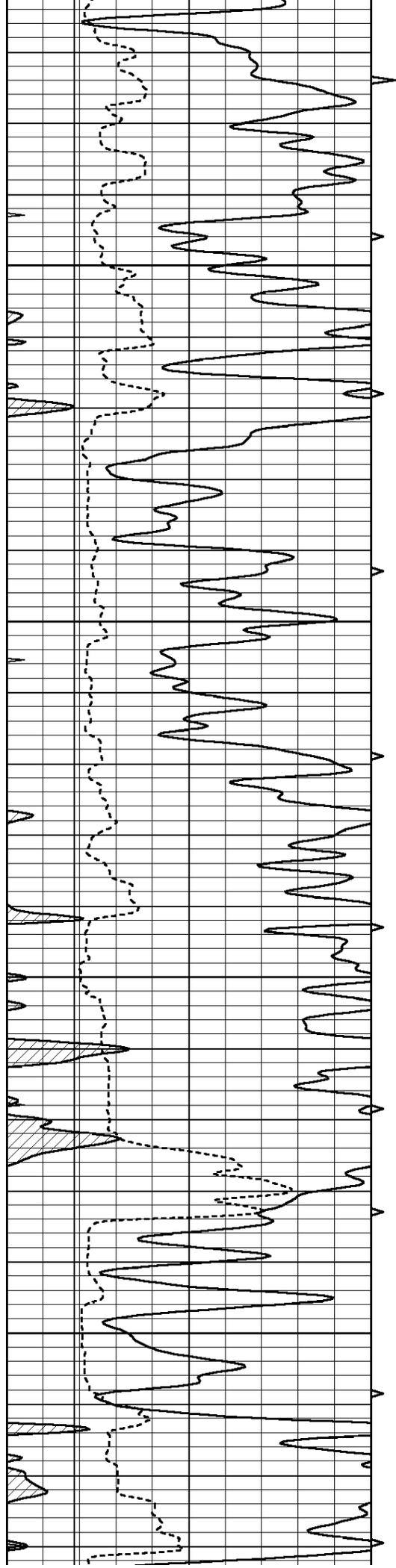
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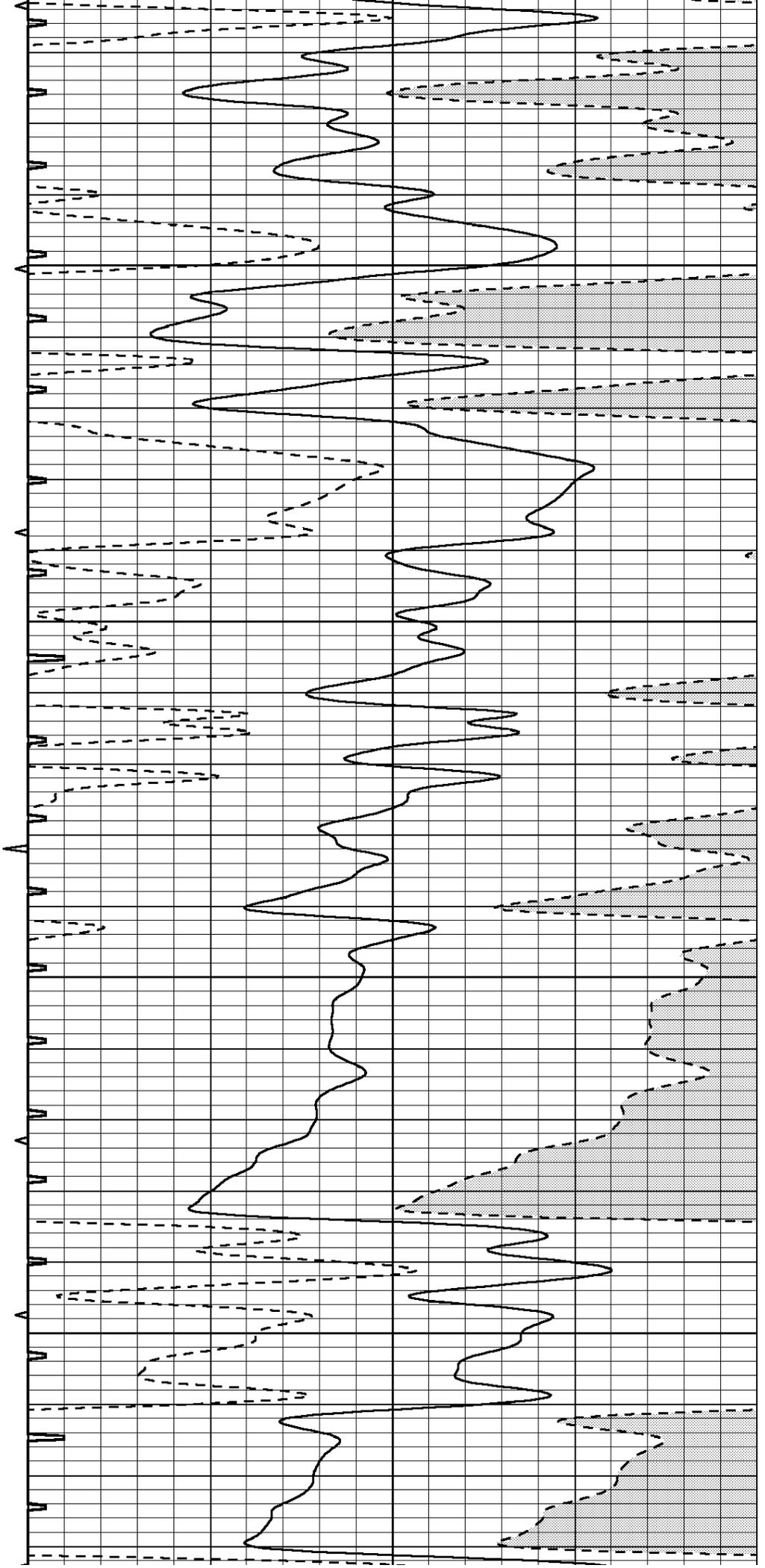


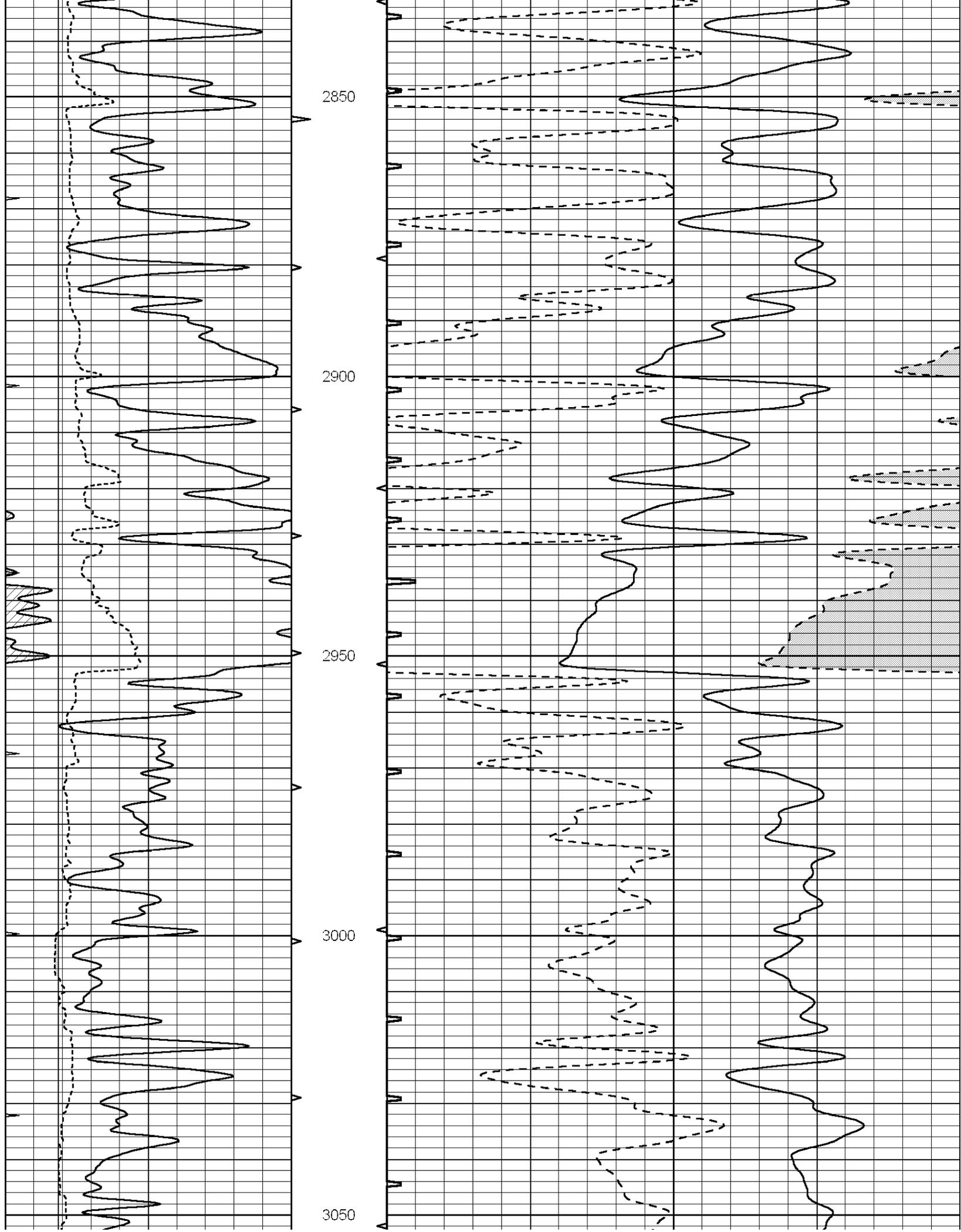
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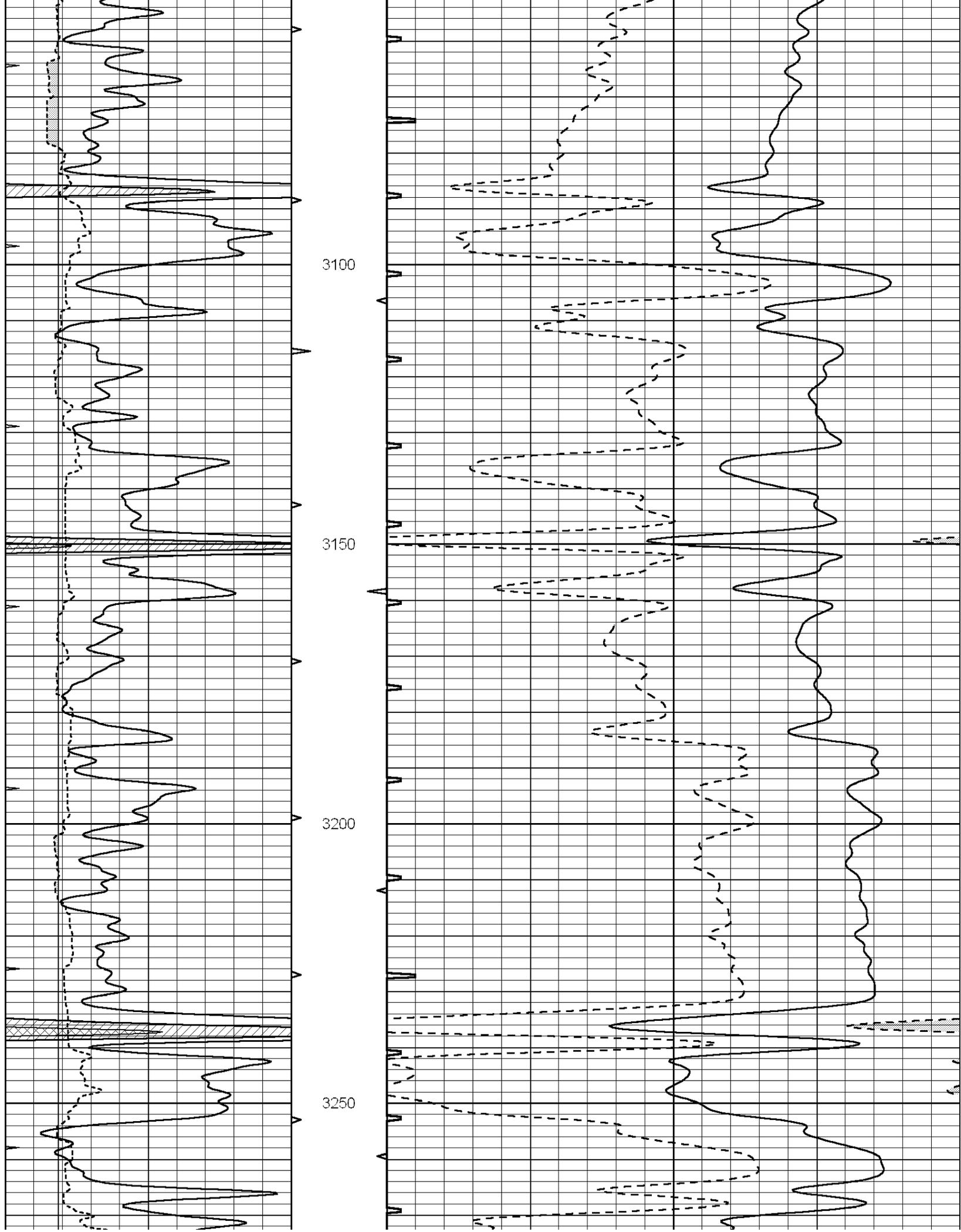
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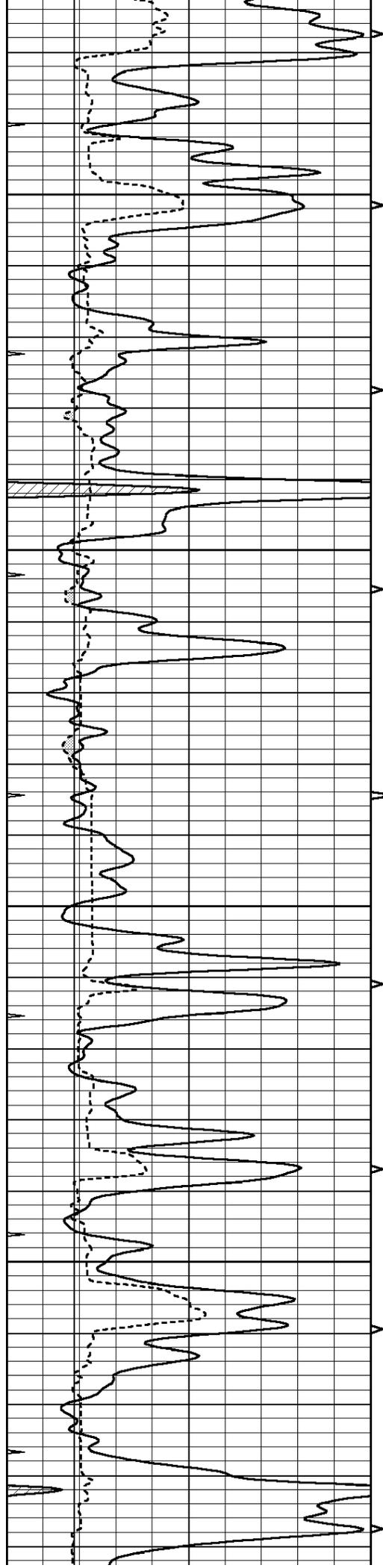
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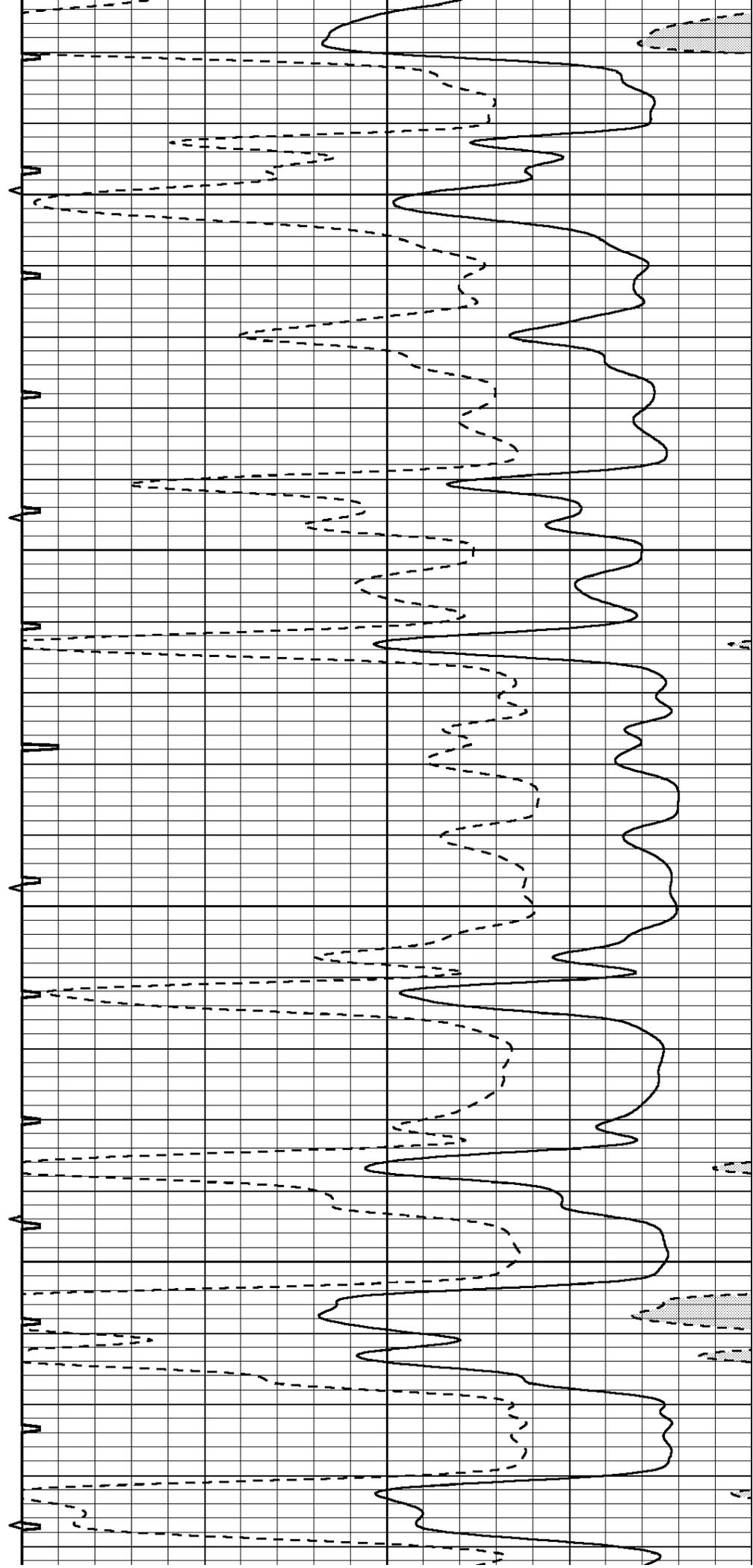


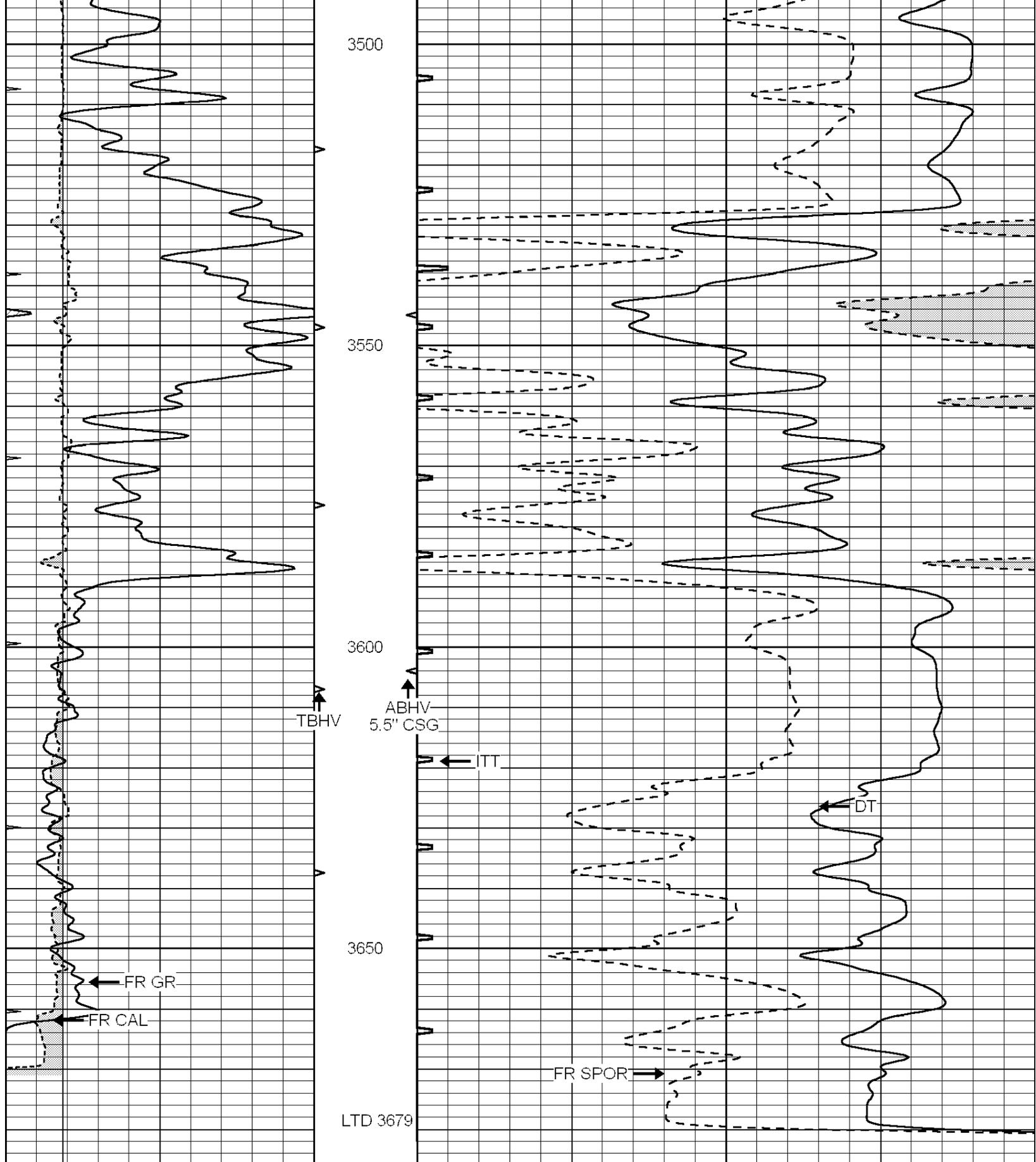
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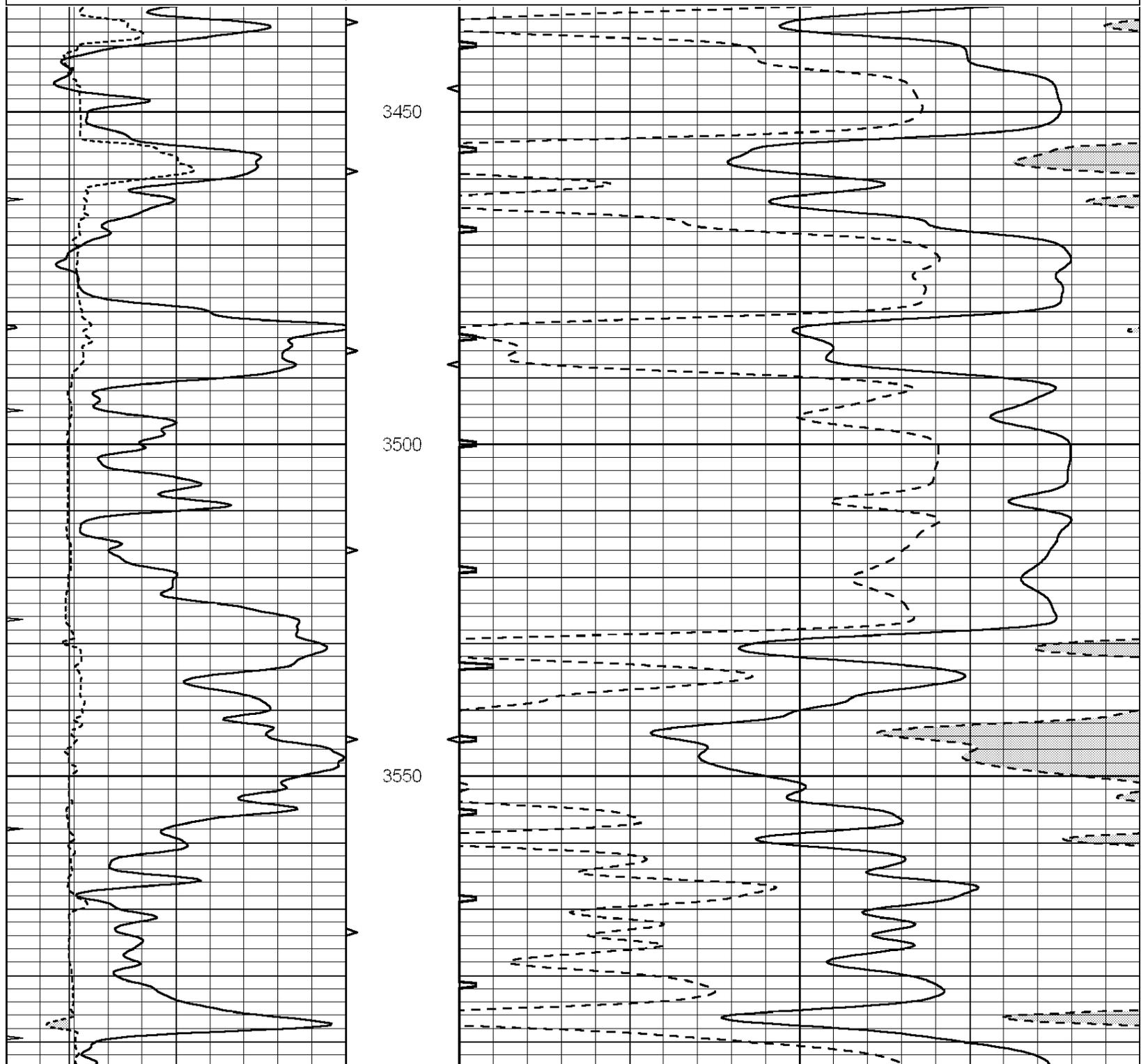


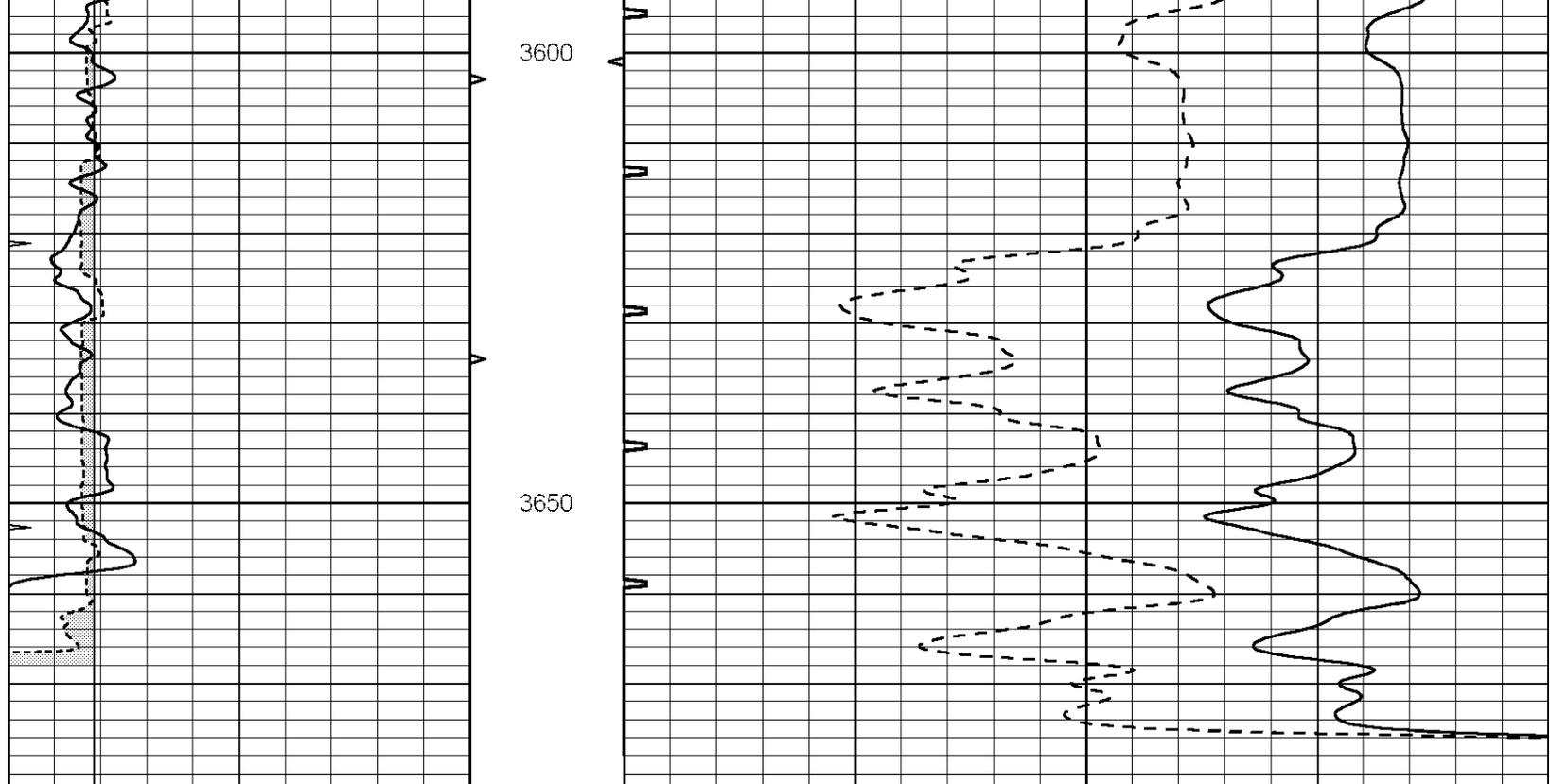
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REPEAT SECTION

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 Dataset Creation: Tue Apr 16 03:40:36 2013 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

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