



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

COMPENSATED DENSITY / NEUTRON PE LOG

Company	WOOLSEY OPERATING CO. LLC.	Company	WOOLSEY OPERATING COMPANY, LLC.
Well	TUCKER GU "A" #3	Well	TUCKER GU "A" #3
Field	TRAFFAS SOUTH	Field	TRAFFAS SOUTH
County	BARBER	County	BARBER
State	KANSAS	State	KANSAS
Location:	API # : 15-007-23940-0000	Other Services	DIL
Permanent Datum	GROUND LEVEL	Elevation	1458
Log Measured From	KELLY BUSHING 10' A.G.L.	K.B. 1468	
Drilling Measured From	KELLY BUSHING	D.F. 1466	
		G.L. 1458	
Date	10/24/12		
Run Number	ONE		
Depth Driller	5050		
Depth Logger	5053		
Bottom Logged Interval	5029		
Top Log Interval	1700		
Casing Driller	10 3/4"@215'		
Casing Logger	214		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 5,000 PPM	
Density / Viscosity	9.0/60		
pH / Fluid Loss	10.5/9.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.900@82F		
Rmt @ Meas. Temp	.675@82F		
Rmc @ Meas. Temp	1.08@82F		
Source of Rmt / Rmc	MEASUREMENT		
Rm @ BHT	.586@126F		
Time Circulation Stopped	2.5 HOURS		
Time Logger on Bottom	10:15 A.M.		
Maximum Recorded Temperature	126F		
Equipment Number	4010		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	SCOTT ALBERG	DEAN PATTISSON	

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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
SHARON, KS. & "TRI CITY RD.", 6S. TO "WATERWAY RD.", 1W., S. INTO

Database File:

409699pe.db

Dataset Pathname:

pass3.5

Presentation Format:

ldt_neu

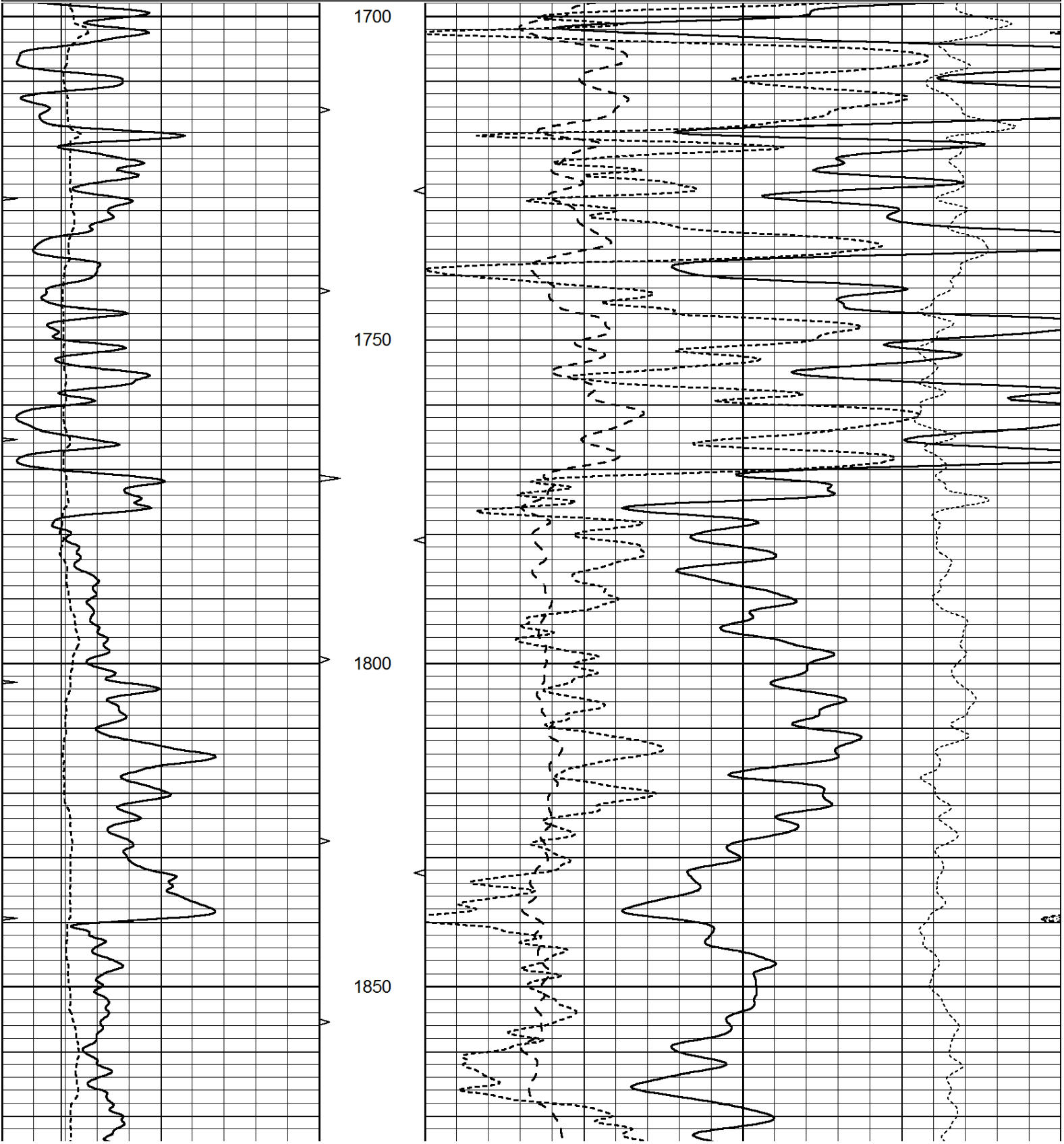
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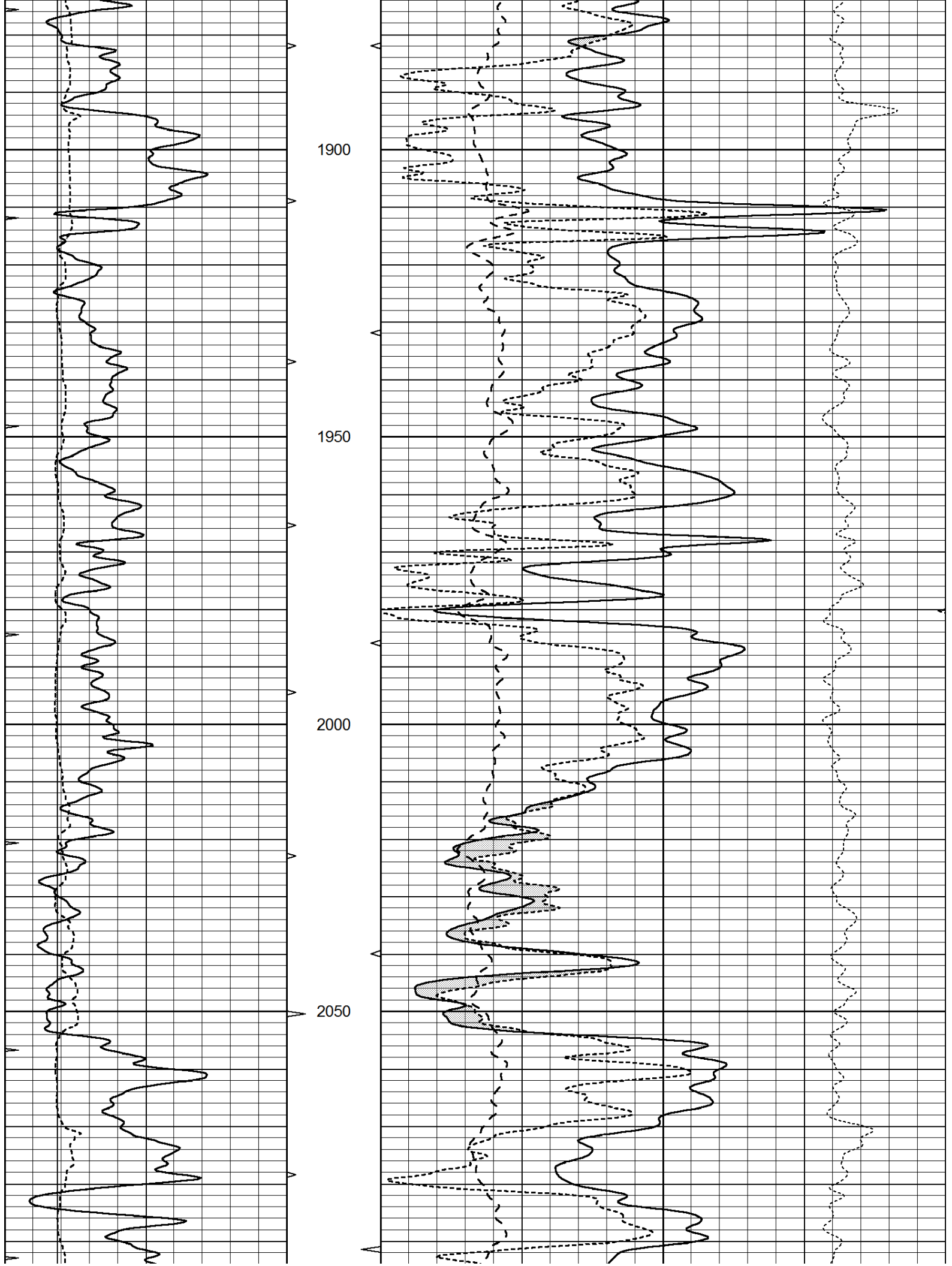
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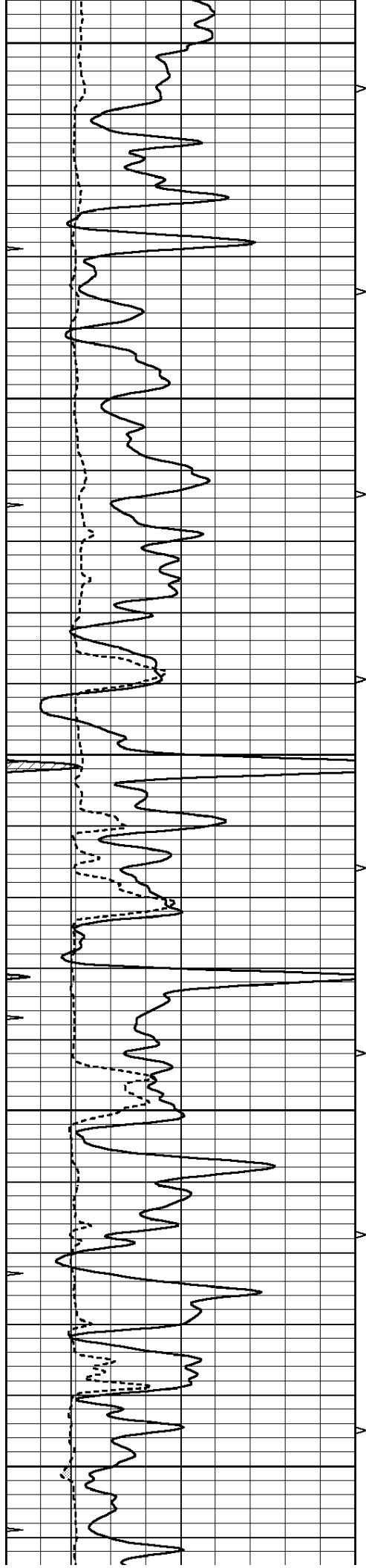
Charted by:

Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3)	0	COMPENSATED NEUTRON (pu)	-10
0	MINMK	20	TBHV	0	PE	10 -0.25 CORRECTION (g/cc) 0.25
			0 (ft3)	10		







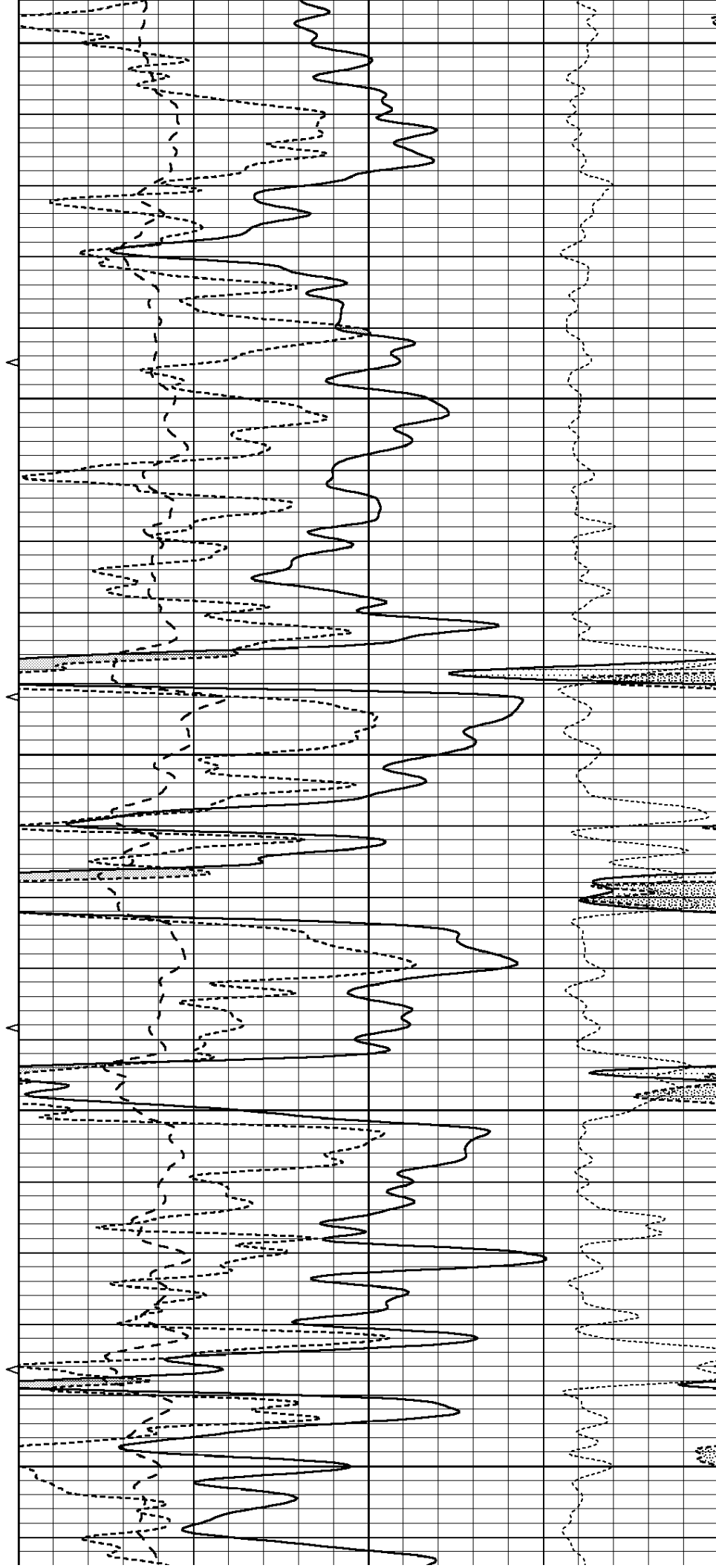
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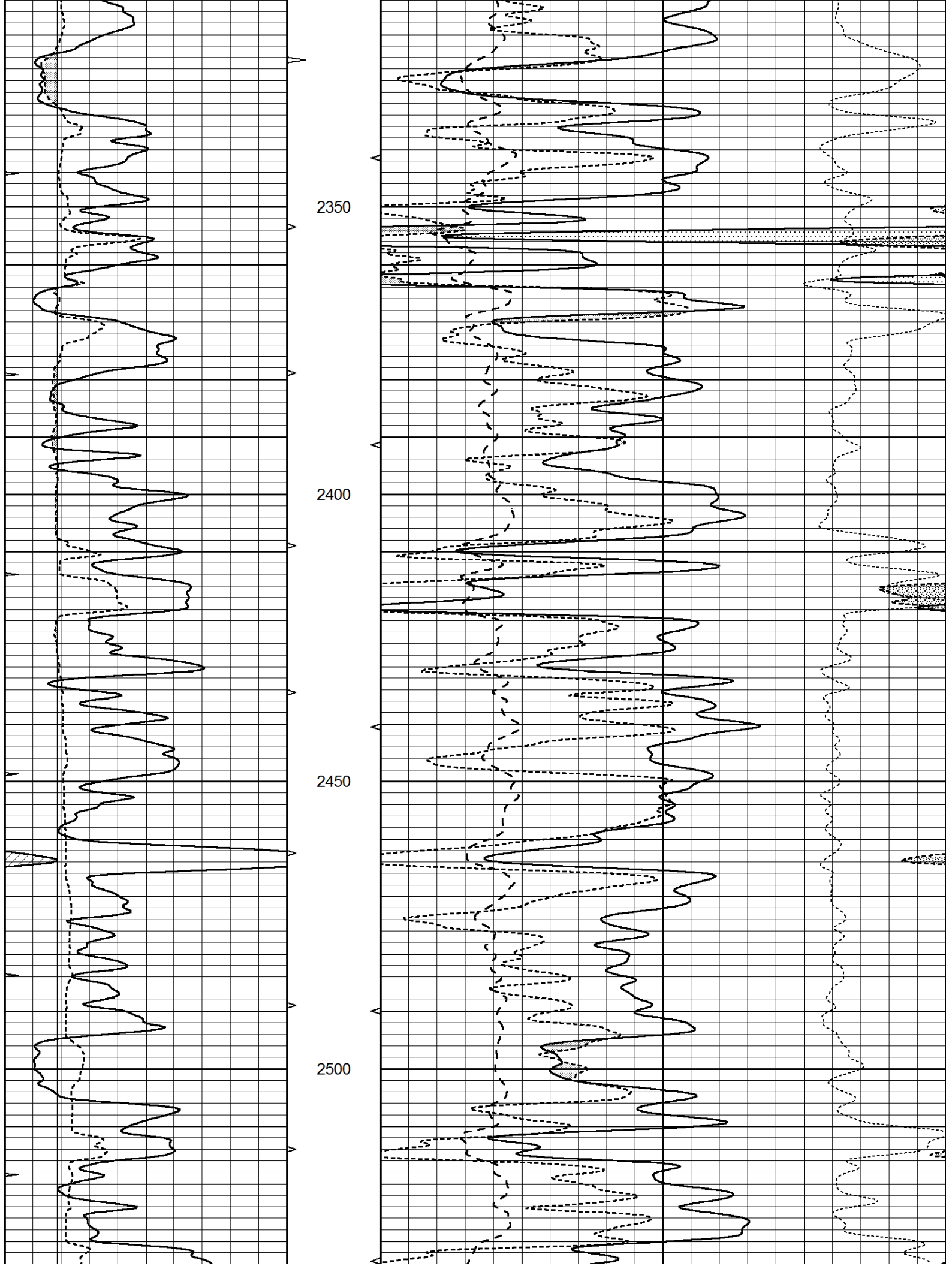
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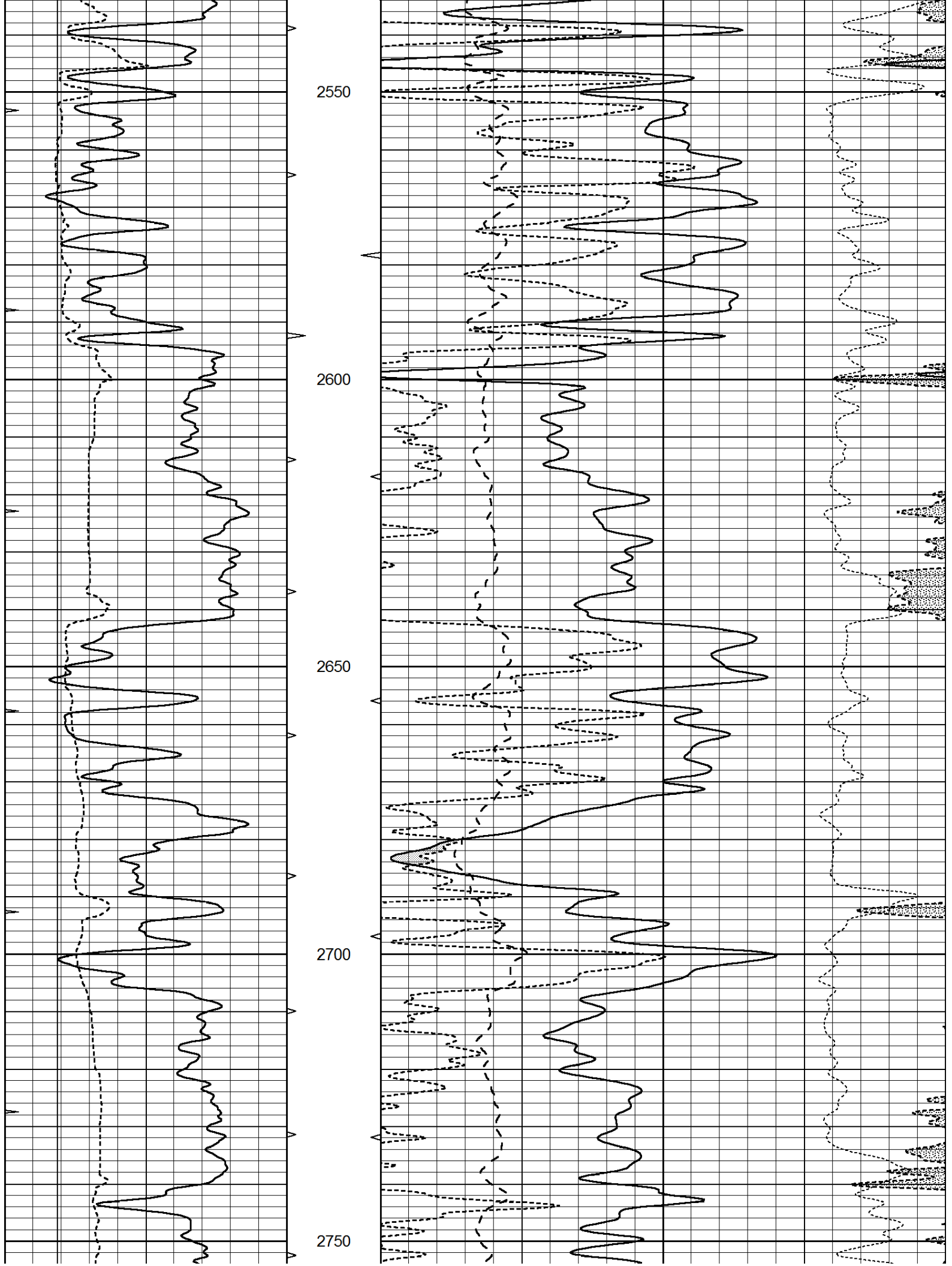
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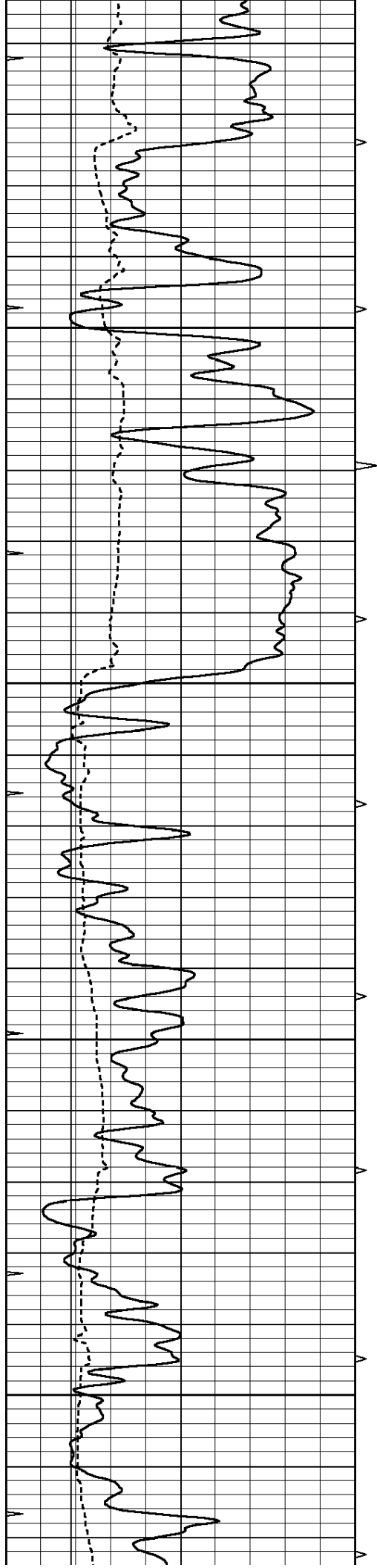
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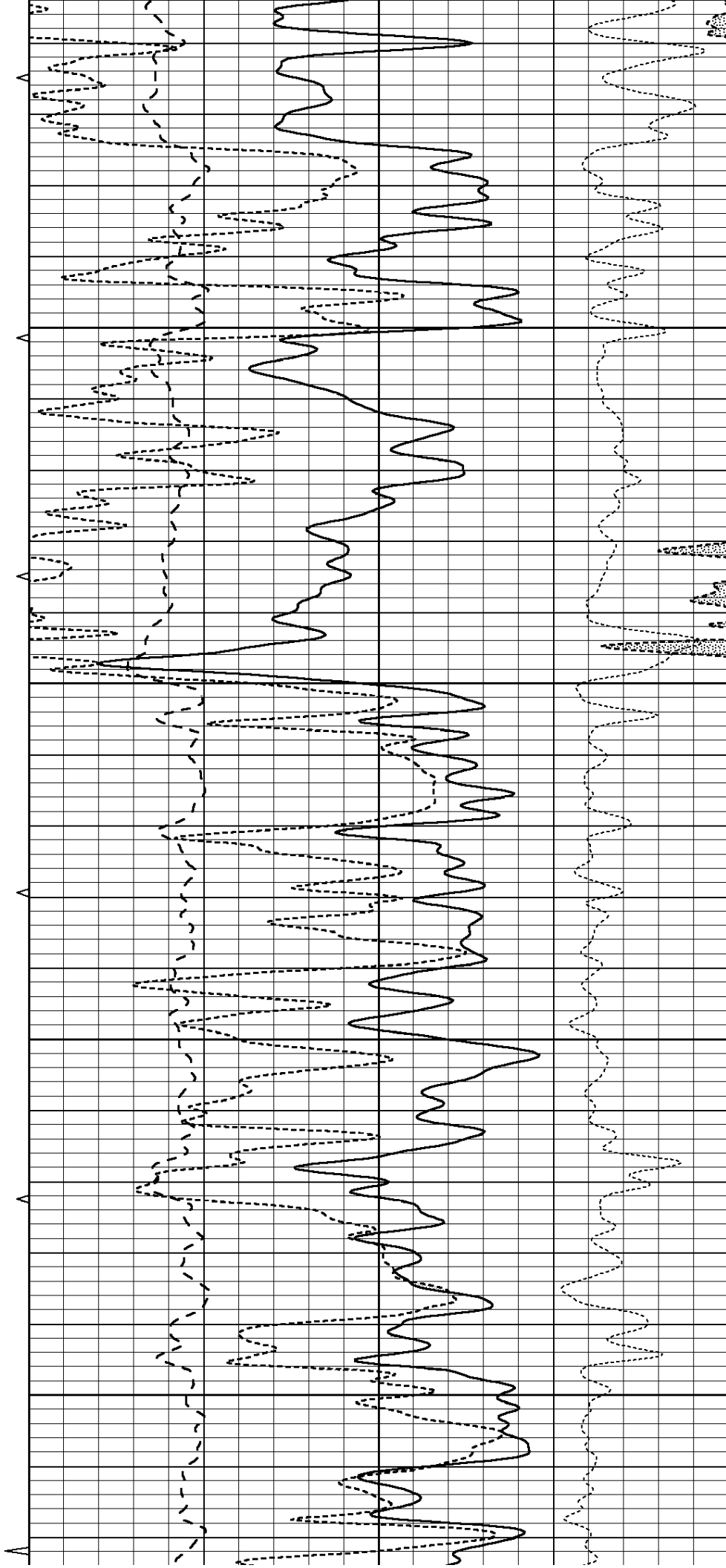


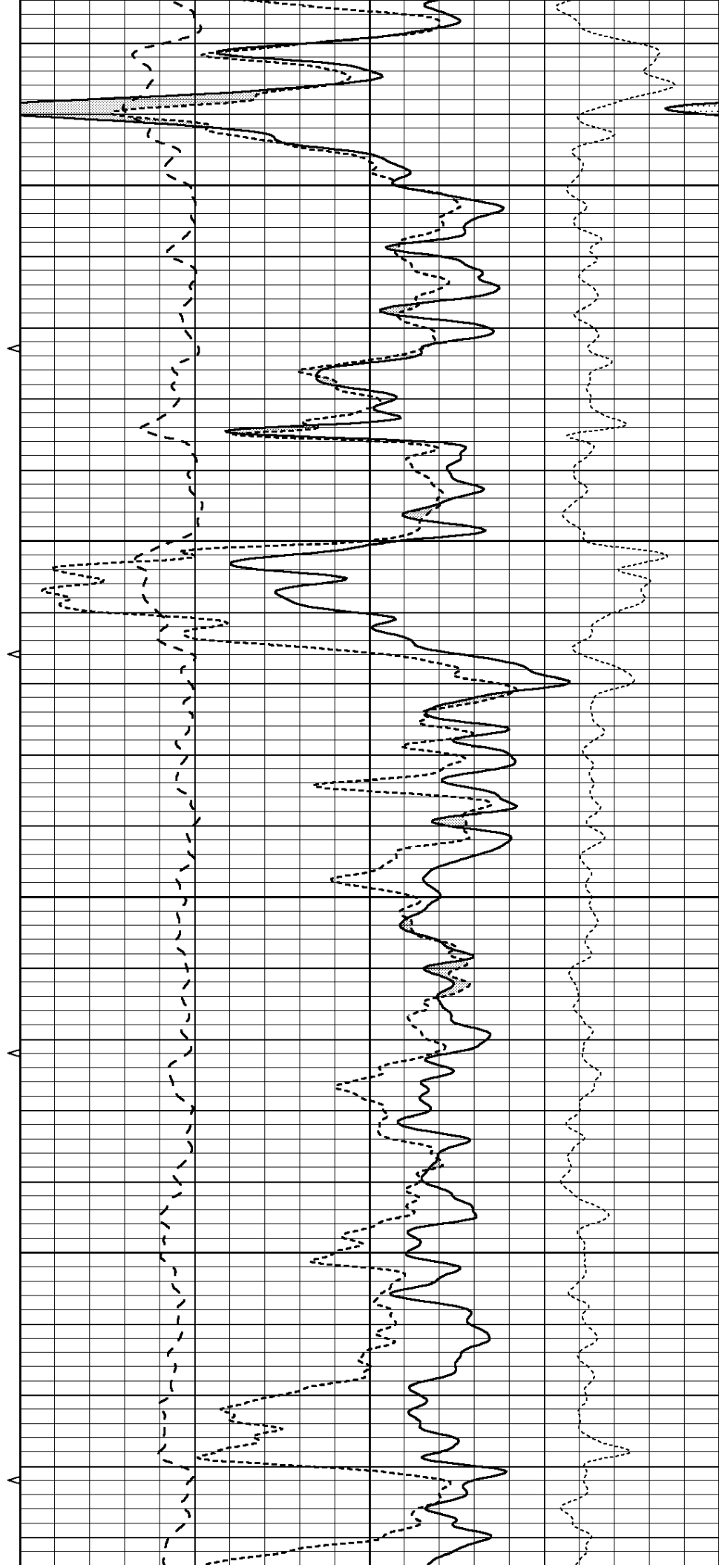
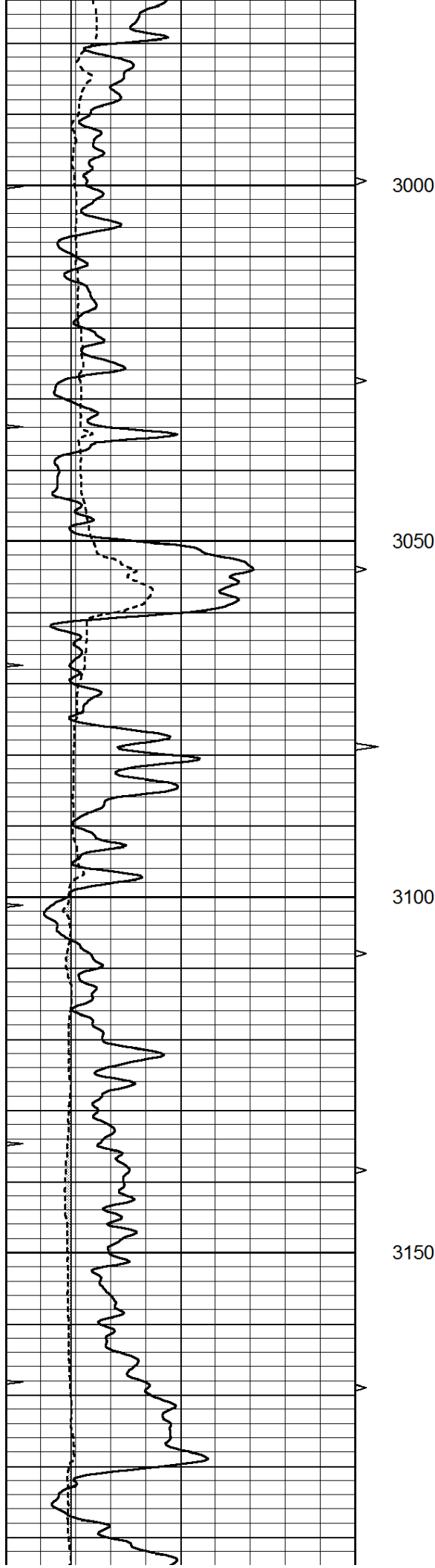
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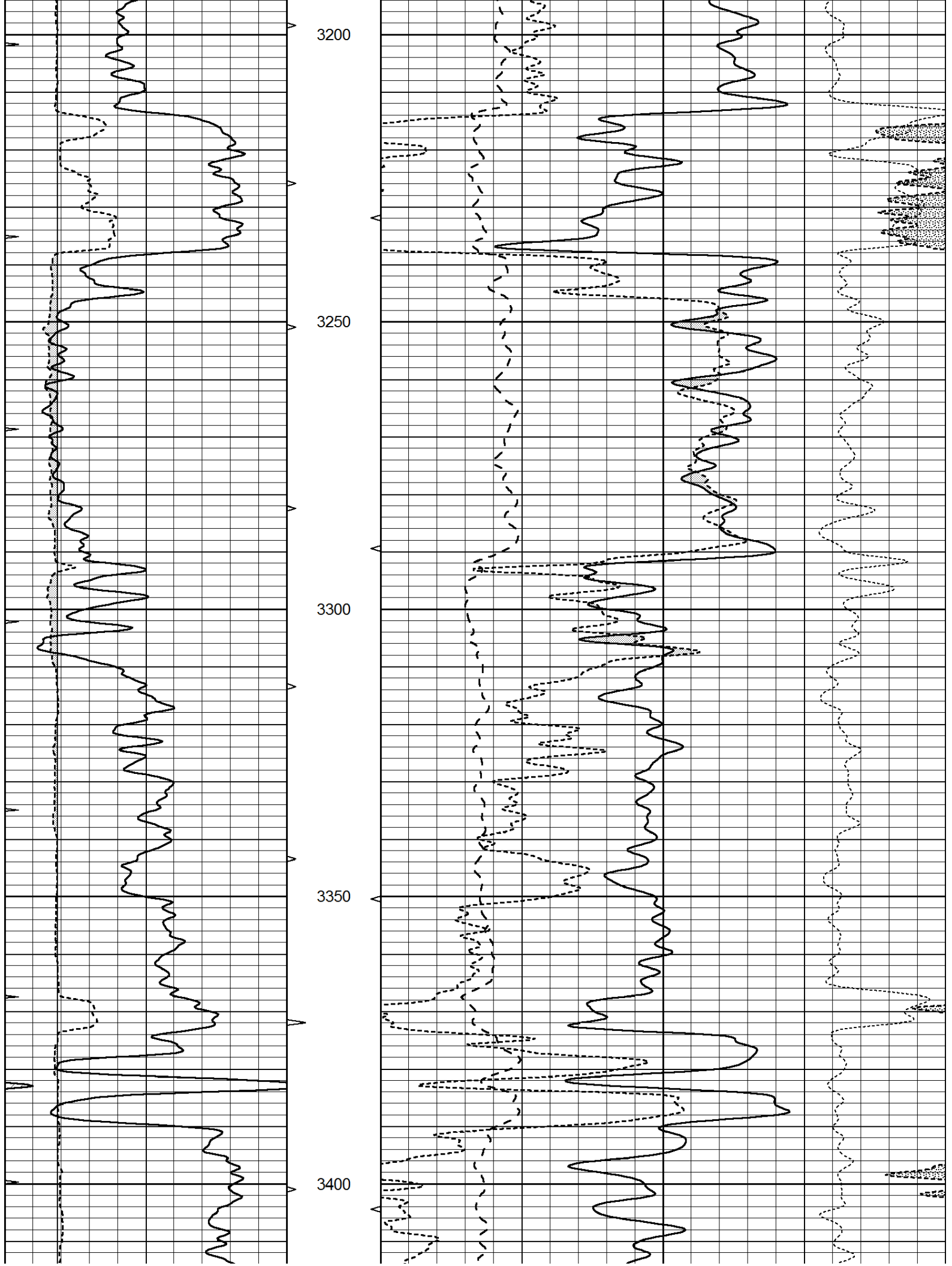
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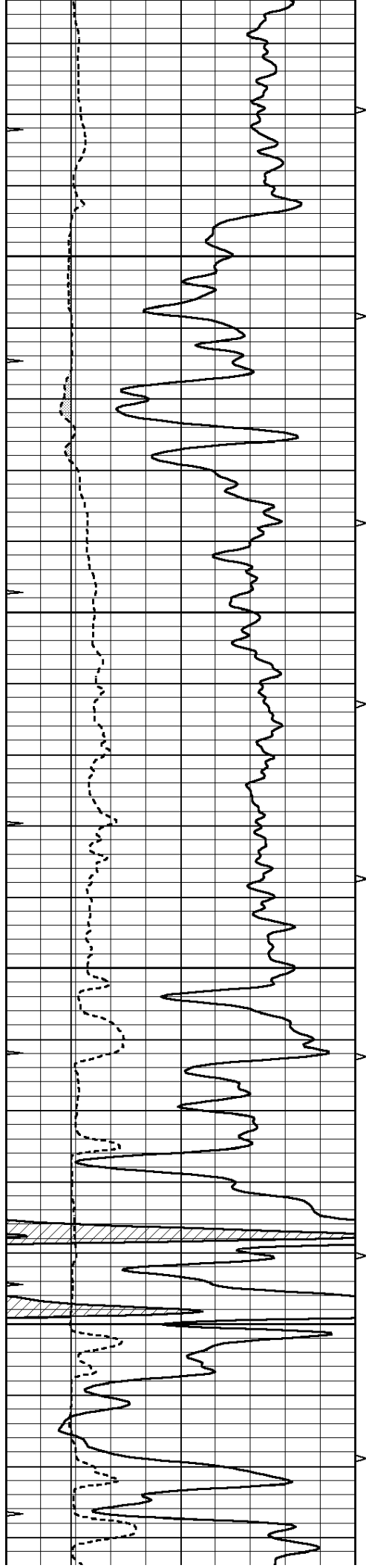
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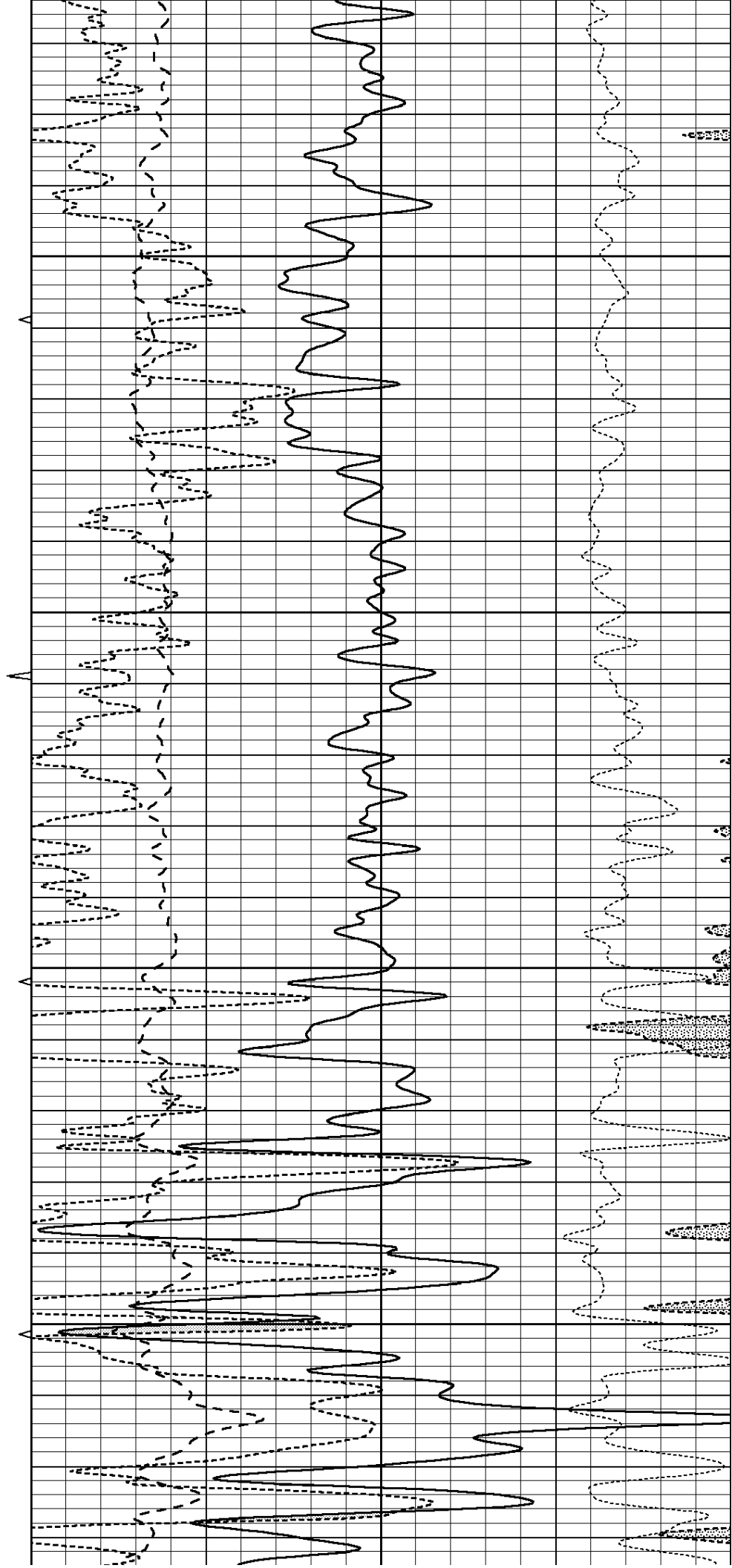


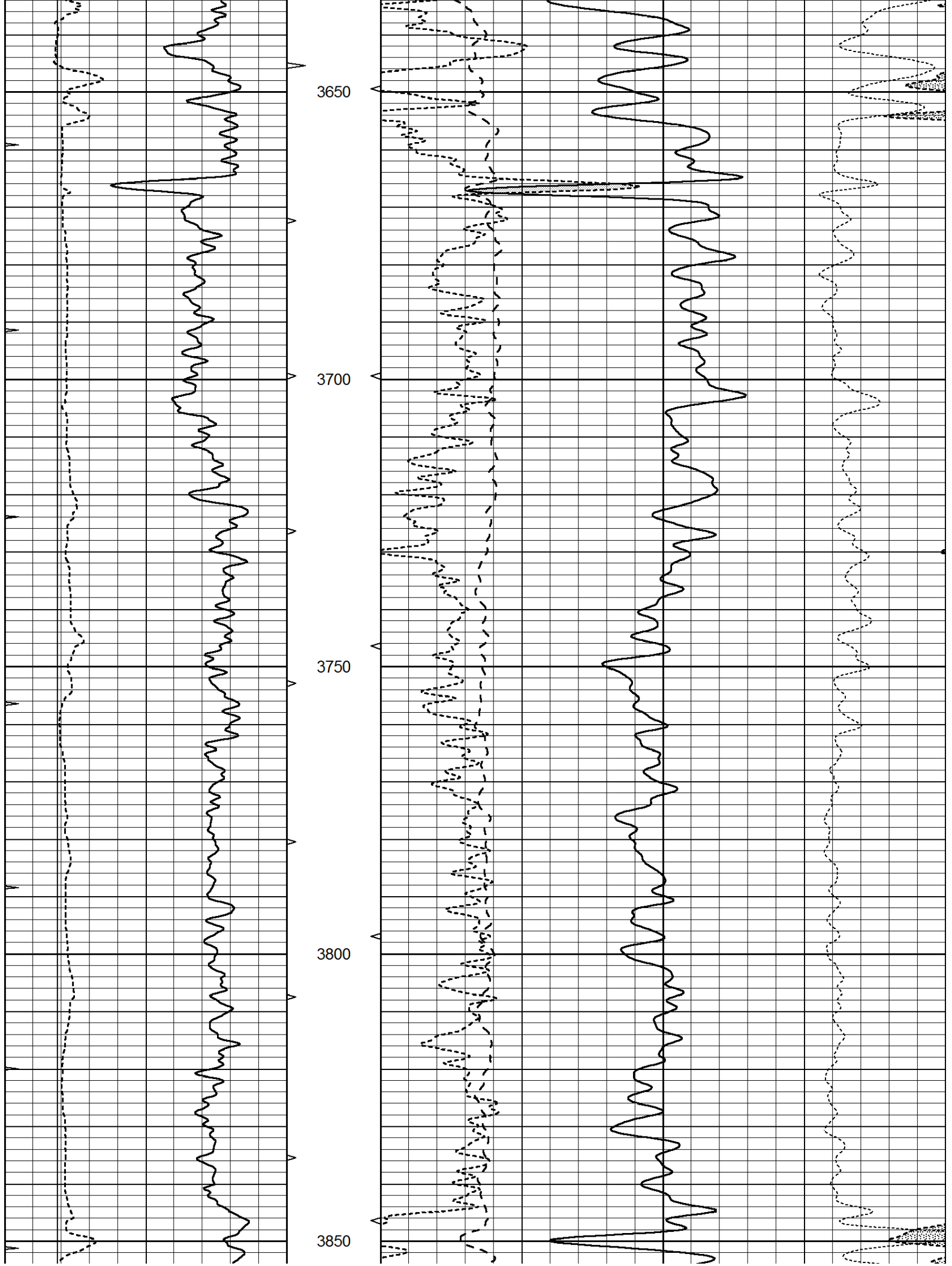
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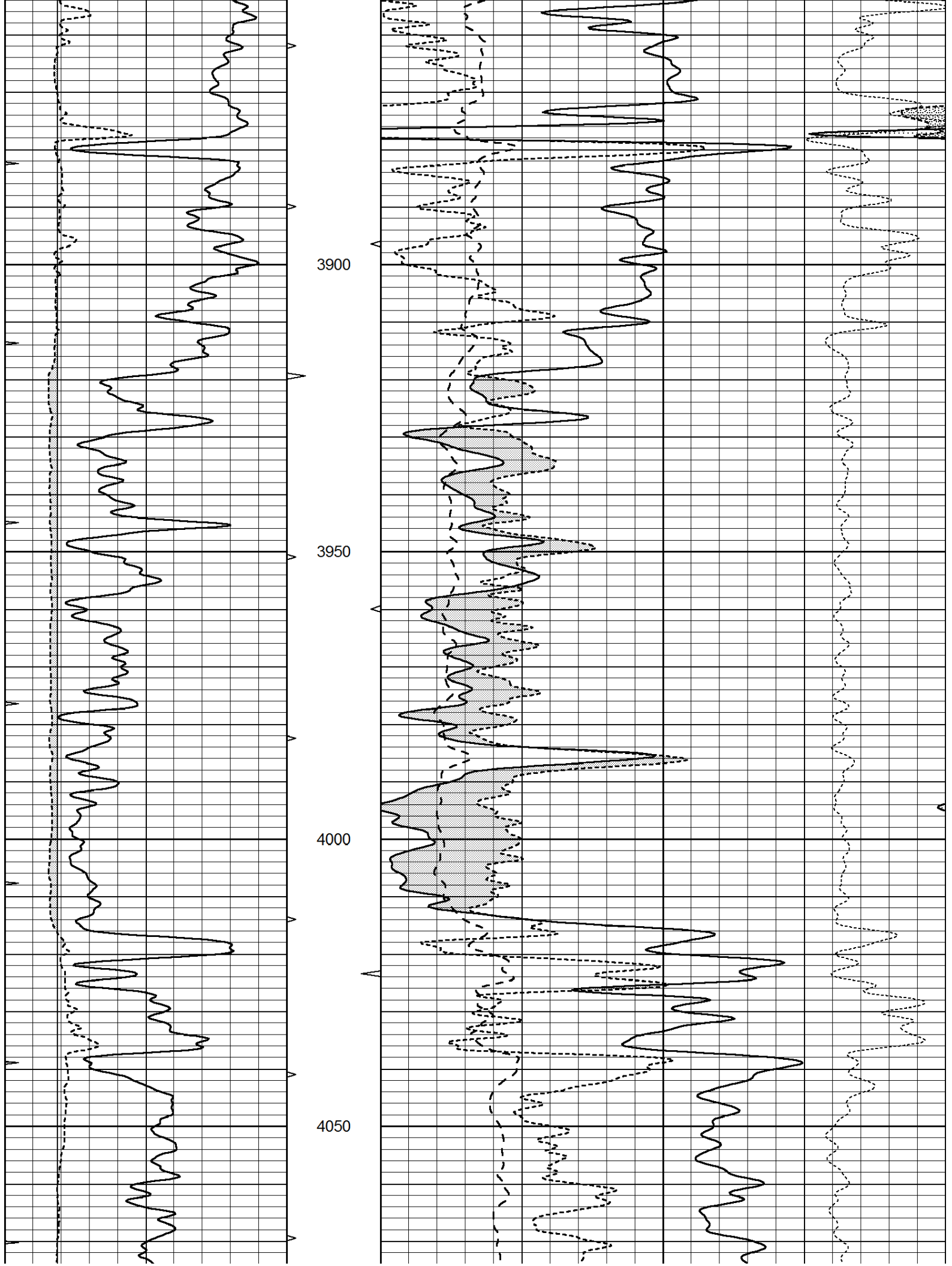
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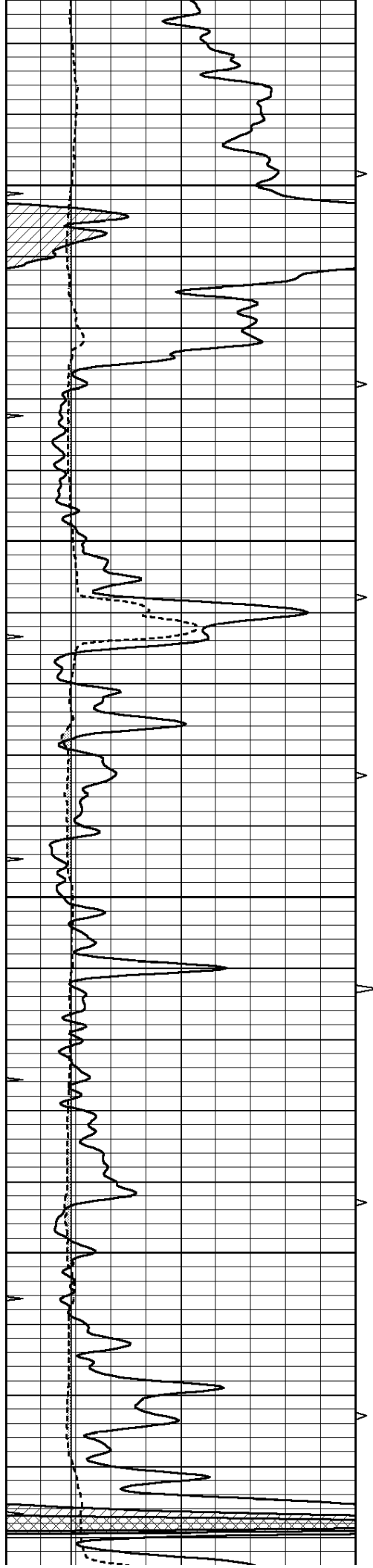
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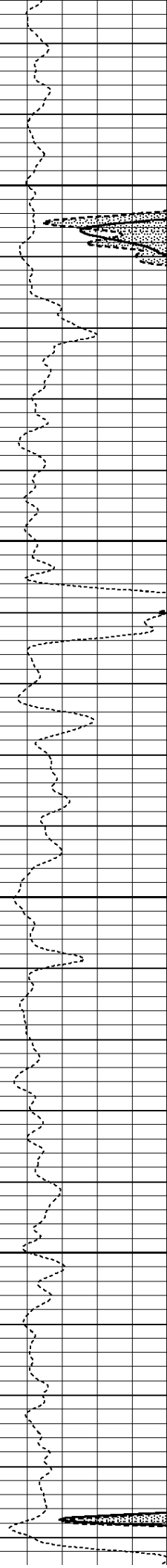
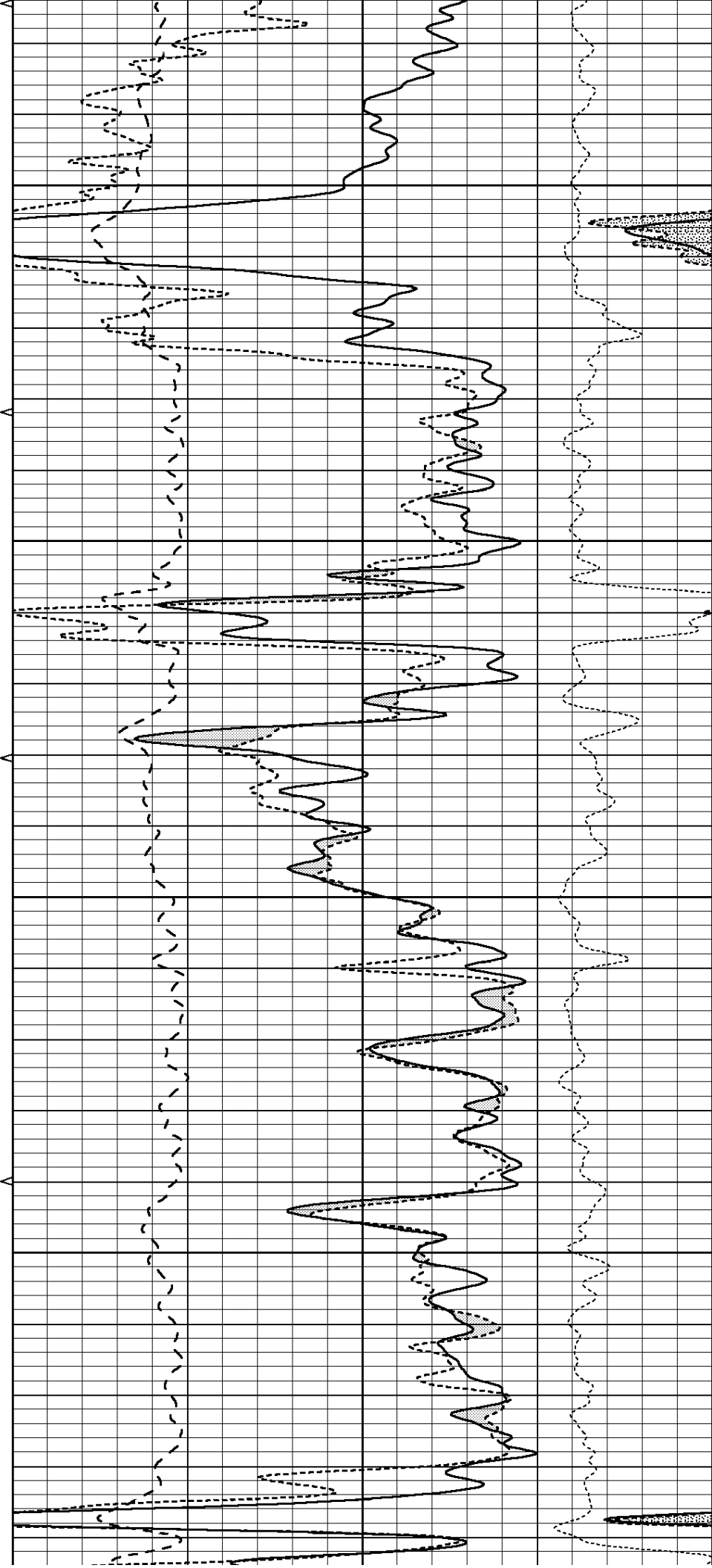


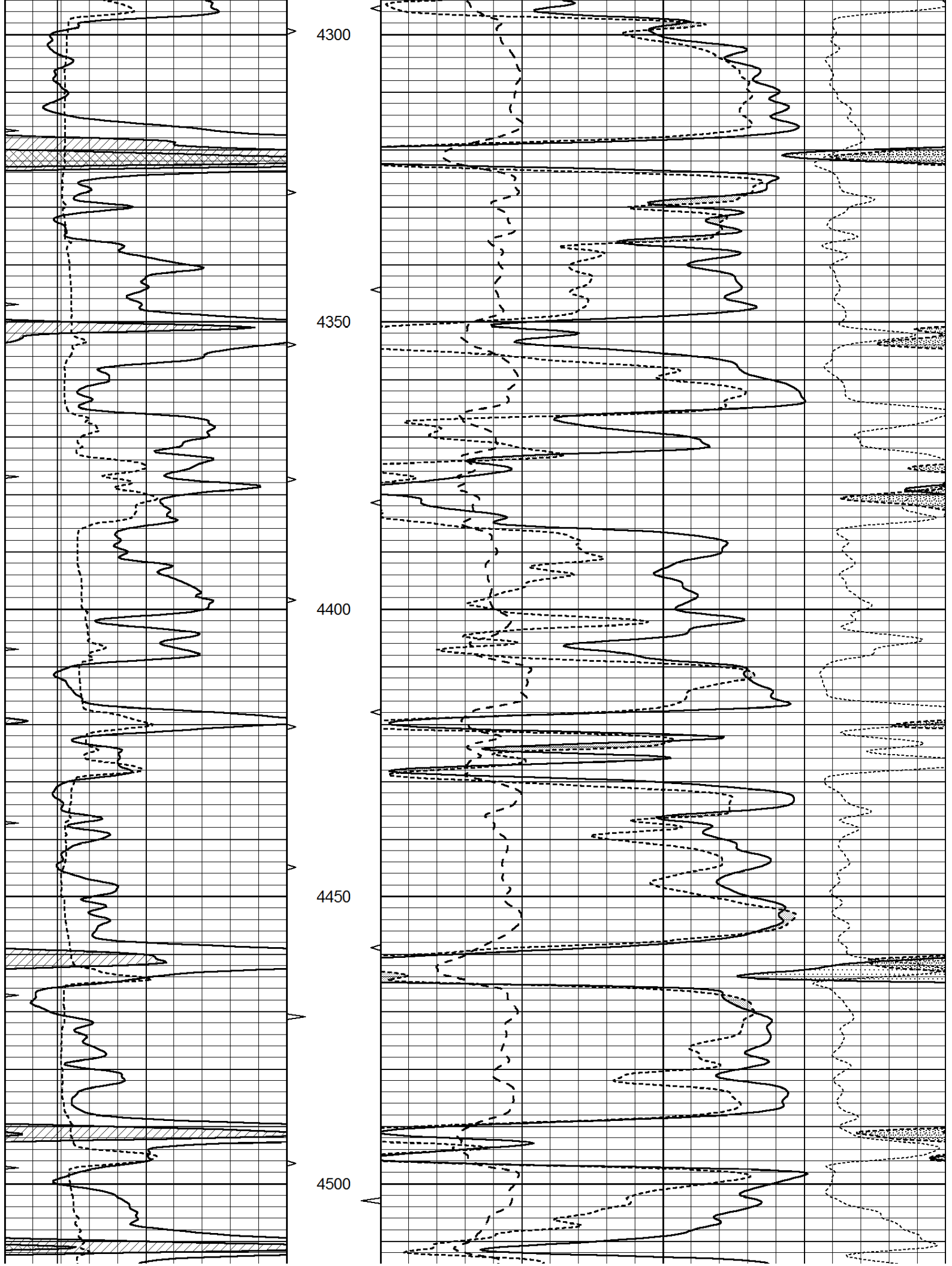
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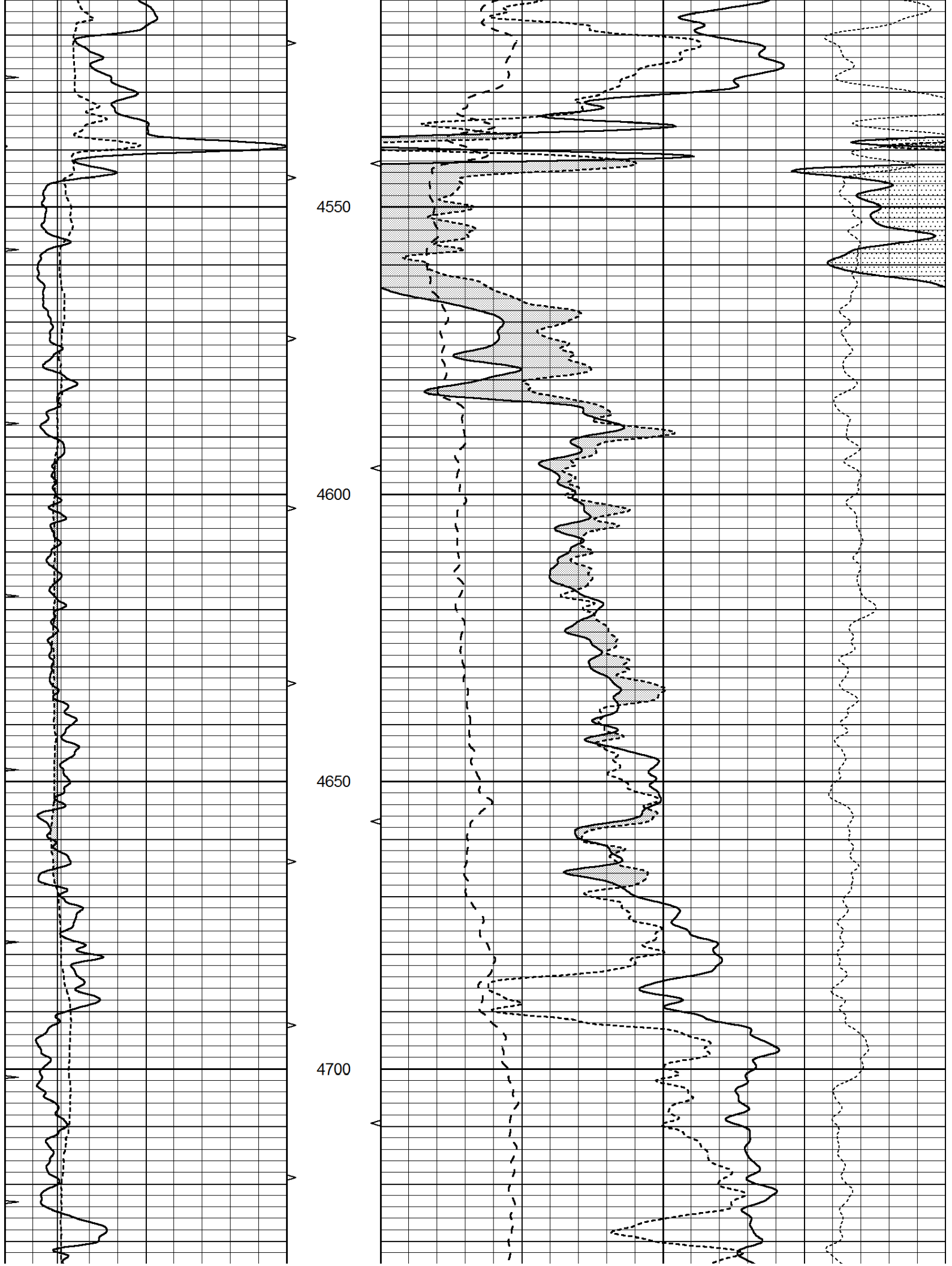
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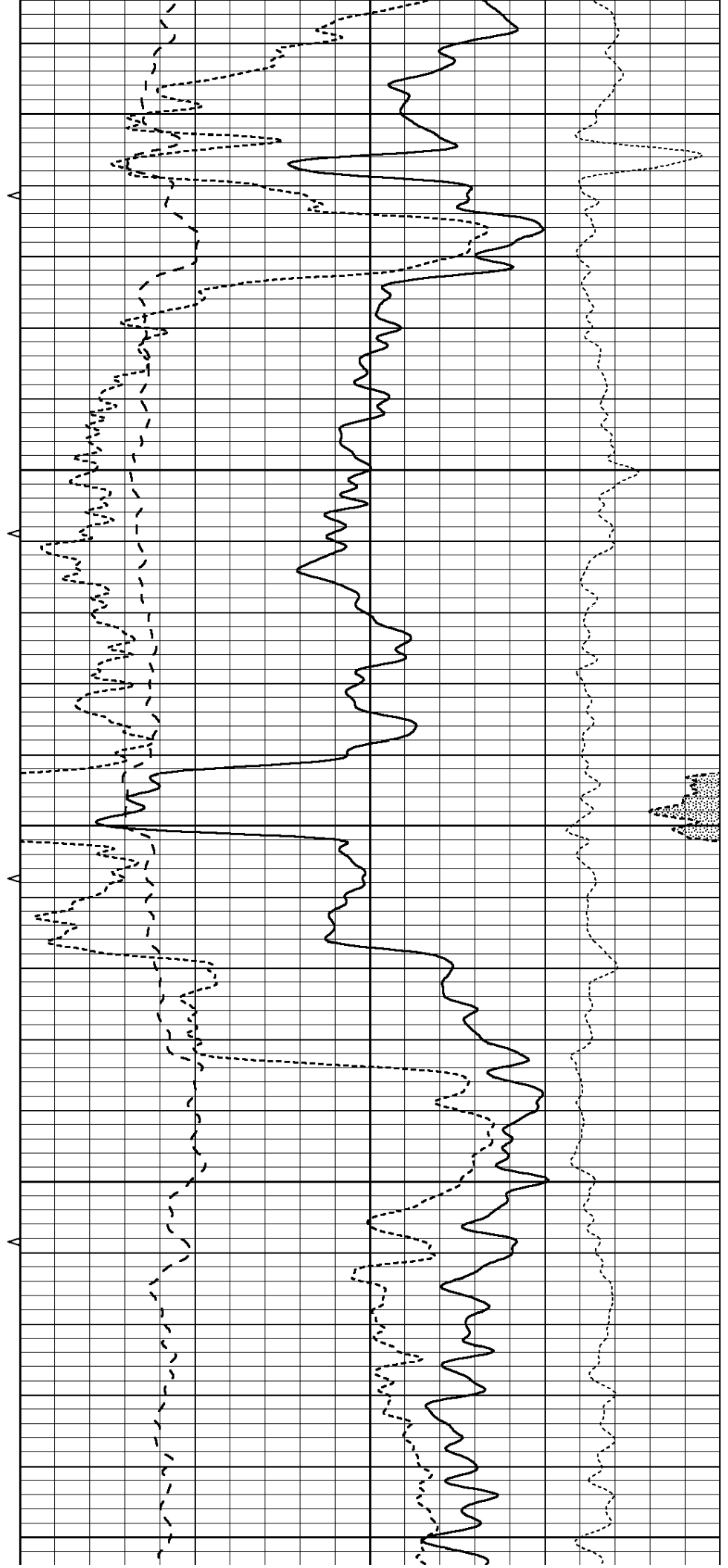
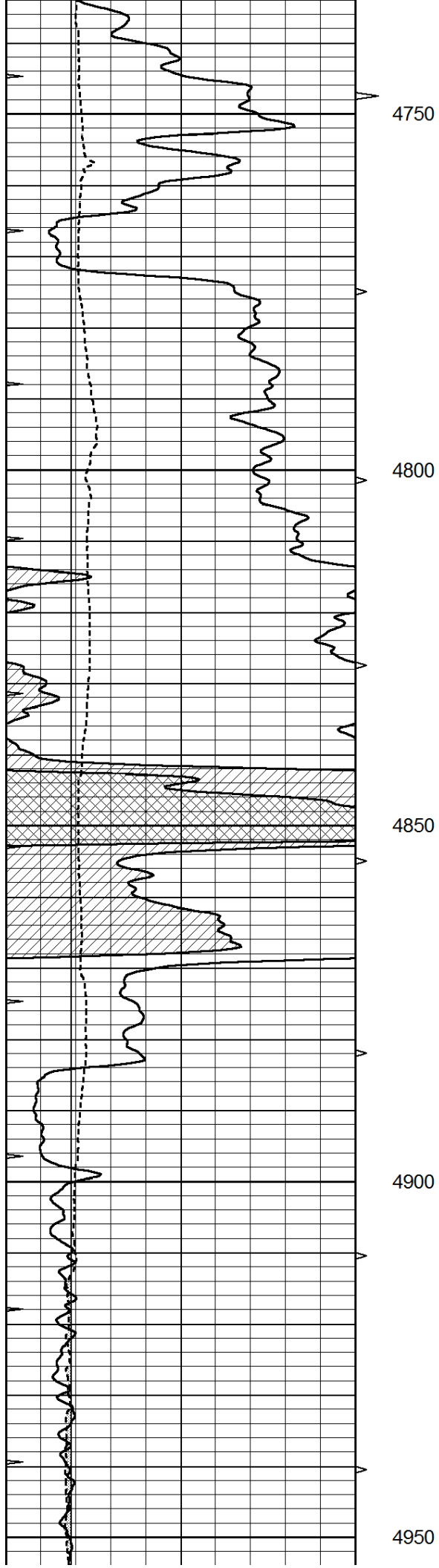
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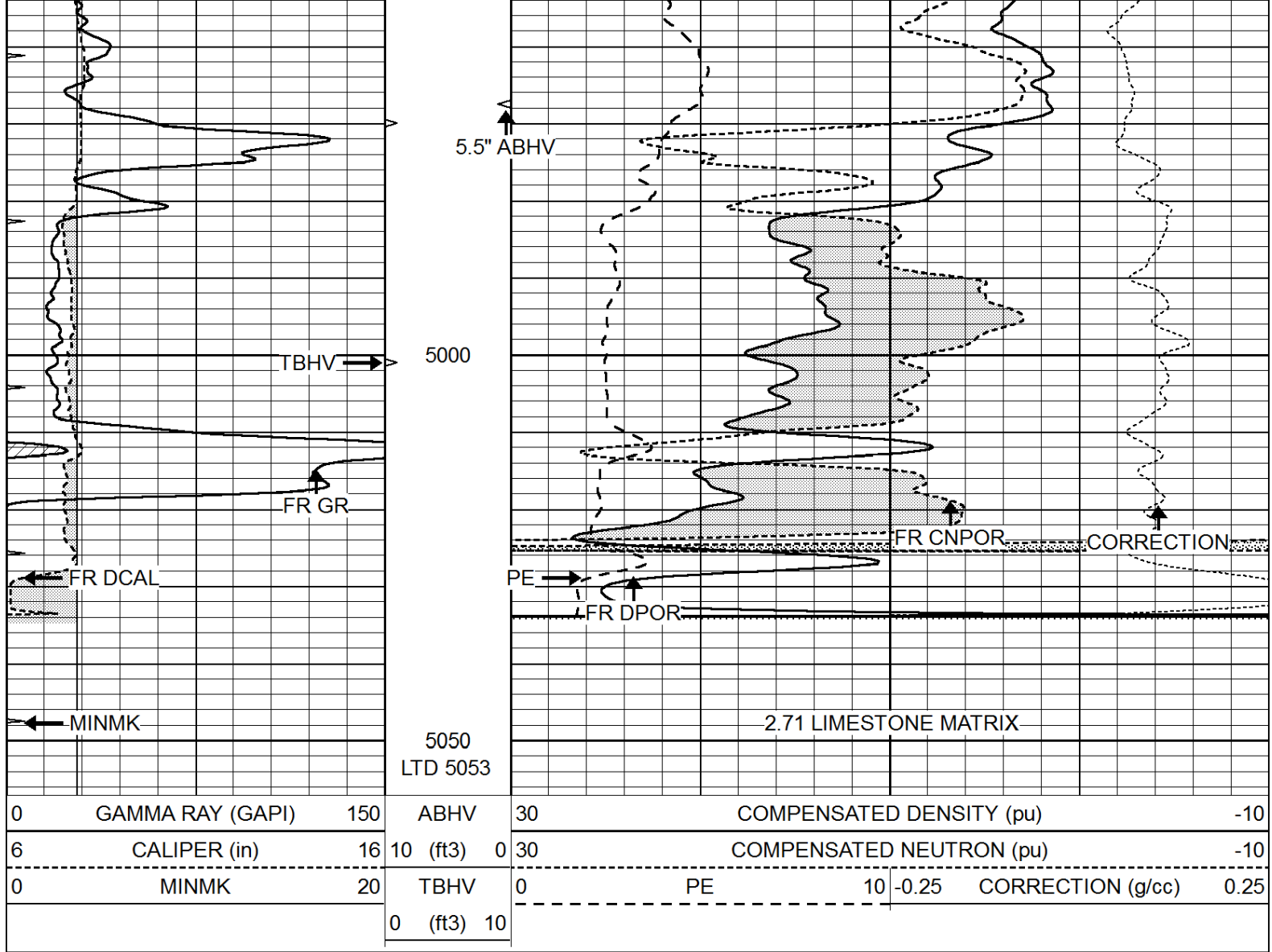
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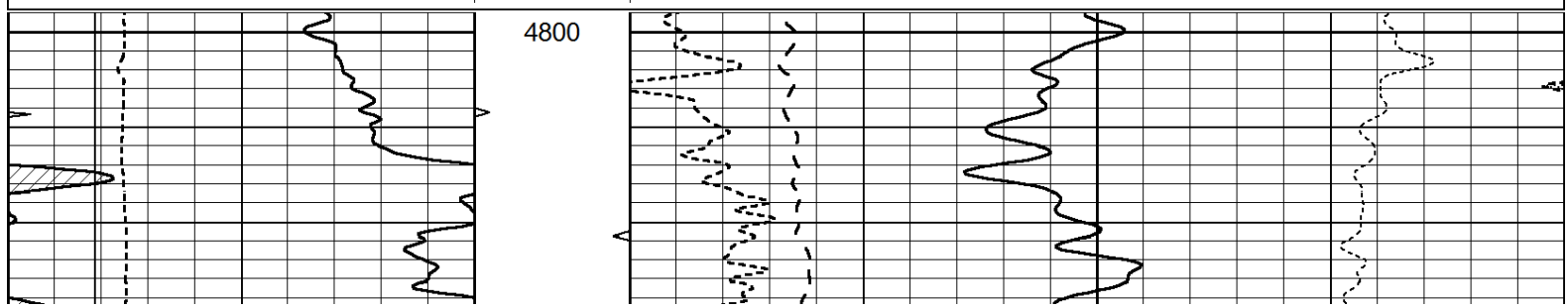
NABORS

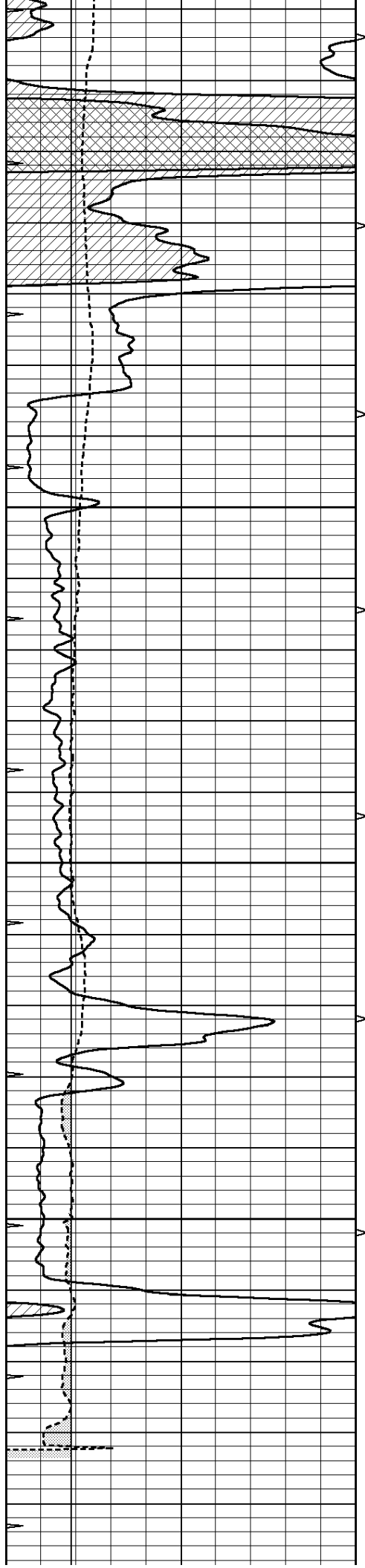
**COMPLETION
& PRODUCTION
SERVICES CO.**

REPEAT SECTION

Database File: 409699pe.db
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 Presentation Format: _ldt_neu
 Dataset Creation: Wed Oct 24 13:09:43 2012 by Calc Open-Cased 110302
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)			-10	
6	CALIPER (in)	16	10 (ft3)	0	30	COMPENSATED NEUTRON (pu)			-10
0	MINMK	20	TBHV	0	PE	10	-0.25	CORRECTION (g/cc)	0.25
			0 (ft3)	10					



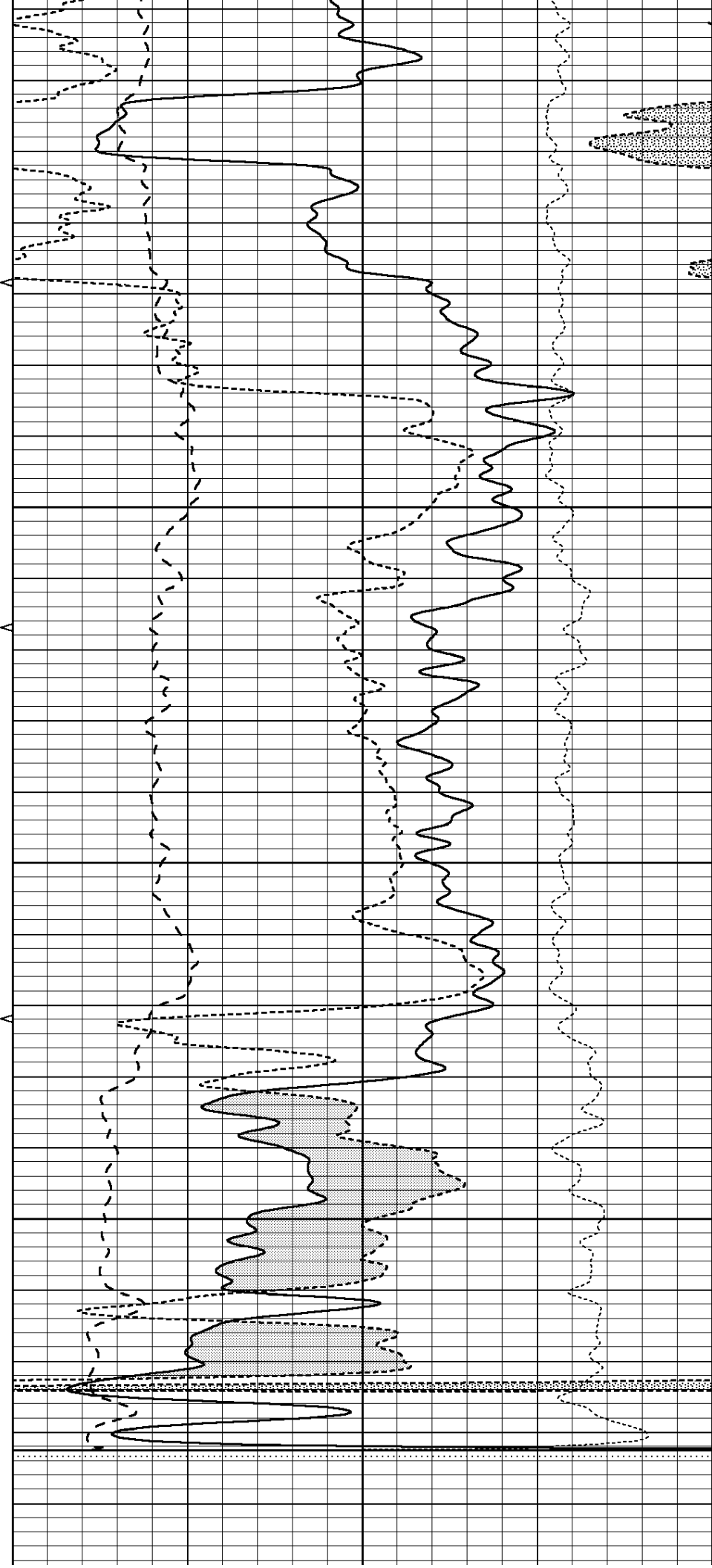


4850

4900

4950

5000



[illegible]

Short Space	cps	pu	pu
Long Space	cps		
POST-SURVEY VERIFICATION			
Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu
Gamma Ray Calibration Report			
Serial Number:	070559		
Tool Model:	OPEN_GR		
Performed:	Wed Sep 19 15:58:00 2012		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	1.0	cps	
Sensitivity:	0.3000	GAPI/cps	