MICRO LOG

Company MULL DRILLING COMPANY, INC.
Well PETERSON TRUST #7-31 SWD
Field RAINBOW RIDGE NORTHWEST
County LYON State KANSAS

Location: API # : 15-111-20566-0000

335' FSL & 650' FWL
NE - SW - SW - SW
SEC 31 TWP 16S RGE 10E

Other Services
CDL/CNL/PE
DIL/SONIC

Permanent Datum GROUND LEVEL Elevation 1301
Log Measured From KELLY BUSHING 12' A.G.L.
Drilling Measured From KELLY BUSHING

Elevation
K.B. 1313
D.F. 1311
G.L. 1301

Company MULL DRILLING COMPANY, INC.
Well PETERSON TRUST #7-31 SWD
Field RAINBOW RIDGE NORTHWEST
County LYON
State KANSAS

Date	8/14/23		
Run Number	TWO		
Depth Driller	3230		
Depth Logger	3230		
Bottom Logged Interval	3214		
Top Log Interval	200		
Casing Driller	13 3/8"@210'		
Casing Logger	220		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 1,200 PPM	
Density / Viscosity	9.2/44		
pH / Fluid Loss	10.0/9.6		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.80@81F		
Rmf @ Meas. Temp	1.35@81F		
Rmc @ Meas. Temp	2.16@81F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	1.34@109F		
Time Circulation Stopped	4 HOURS		
Time Logger on Bottom	3:00 A.M.		
Maximum Recorded Temperature	109F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	ROGER MARTIN		

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Comments

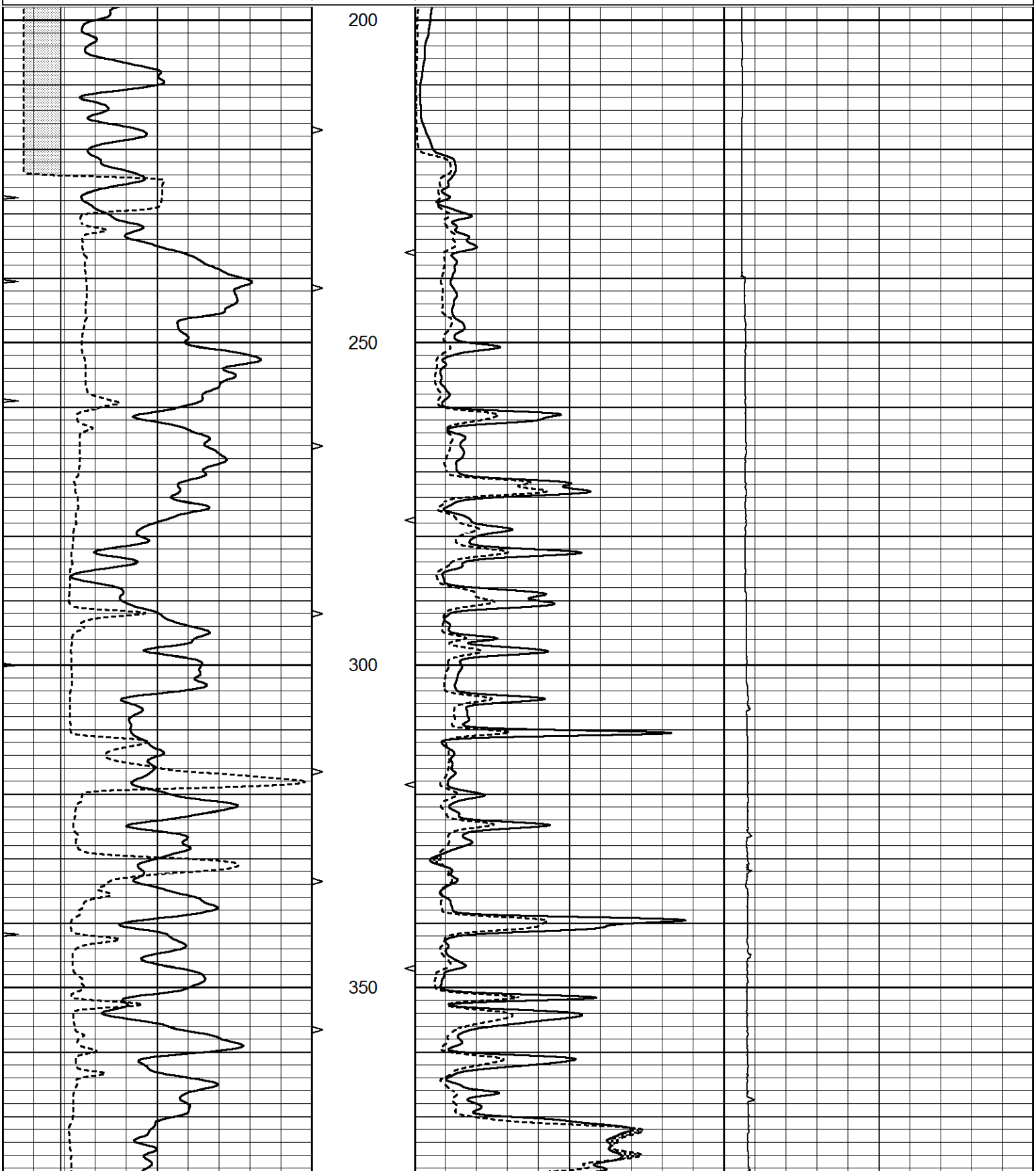
15-111-20566-0000

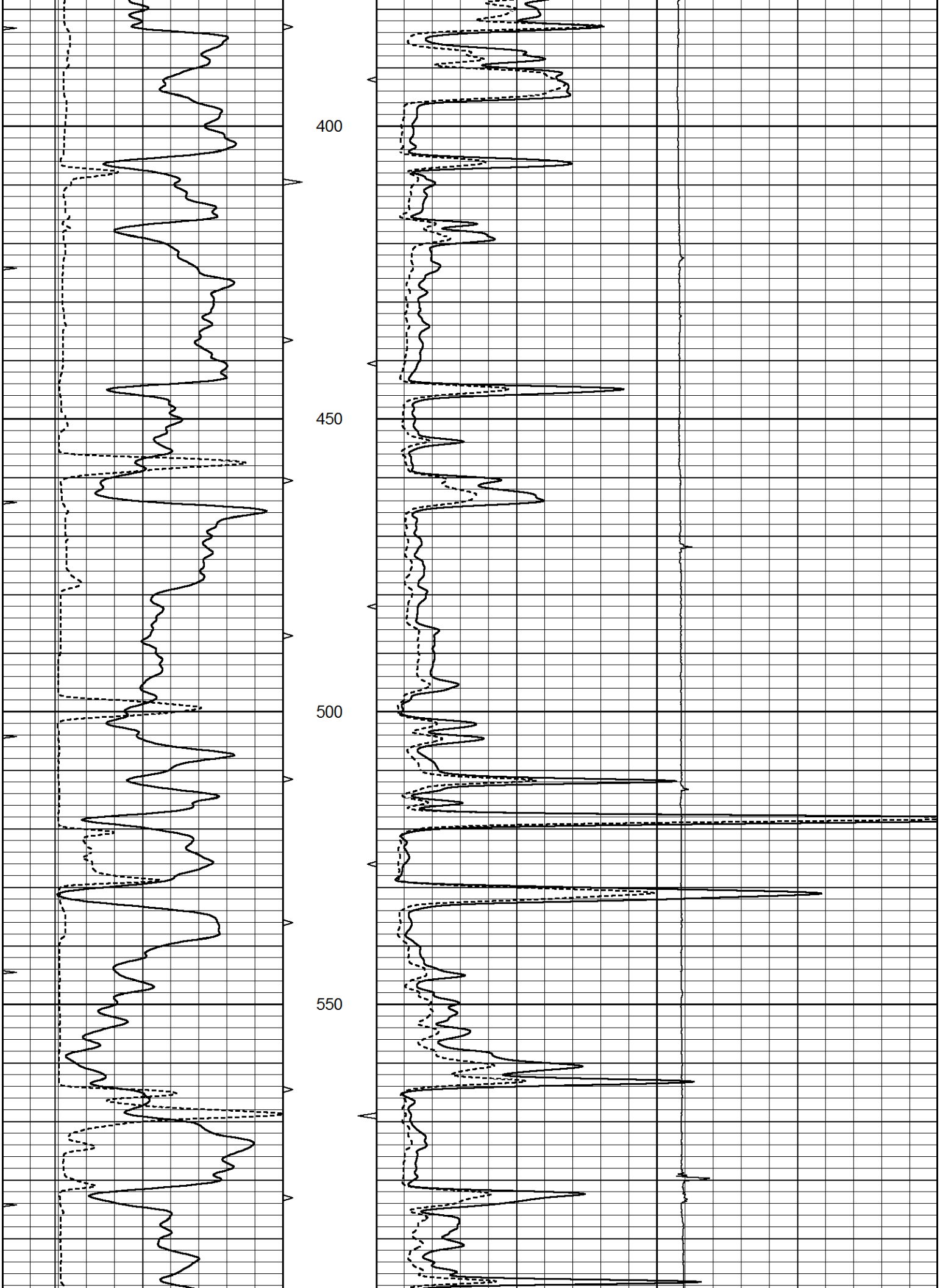
THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395
DIRECTIONS
BUSHONG, KS., (RD. F & 3RD. ST.) 2.4 S. TO "RD. 310", 4 1/2W., N. INTO, THEN BACK WEST IN PAST

MAIN SECTION

Database File	7318pe.db
Dataset Pathname	pass6.3
Presentation Format	_micro
Dataset Creation	Mon Aug 14 04:56:13 2023
Charted by	Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)		40
6	CALIPER (in)	16	10 (ft3) 0	0	MEL2.0 (Ohm-m)		40
0	MINMK	20	TBHV			0 LTEN (lb)	5000
			0 (ft3) 10				

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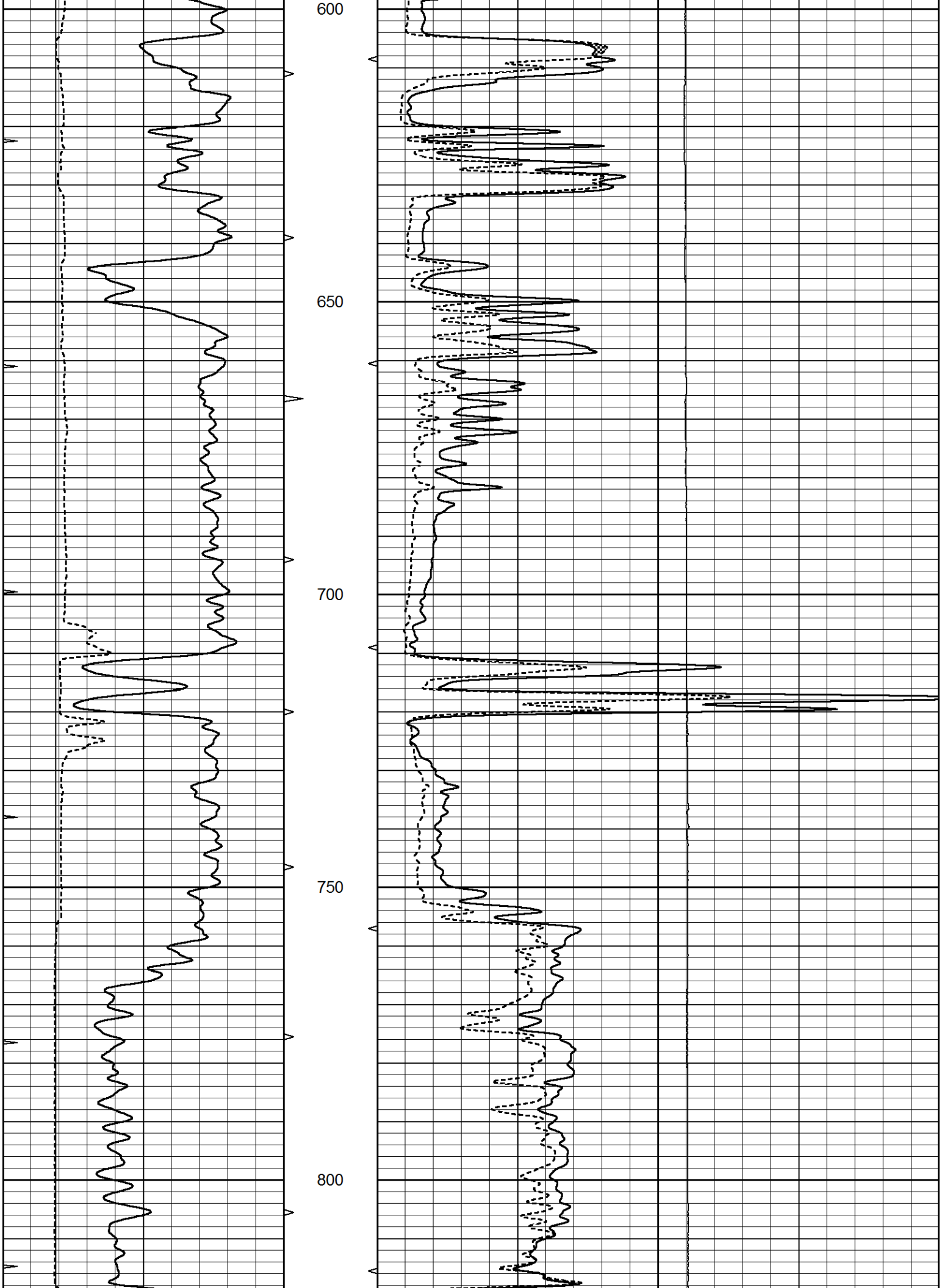
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750
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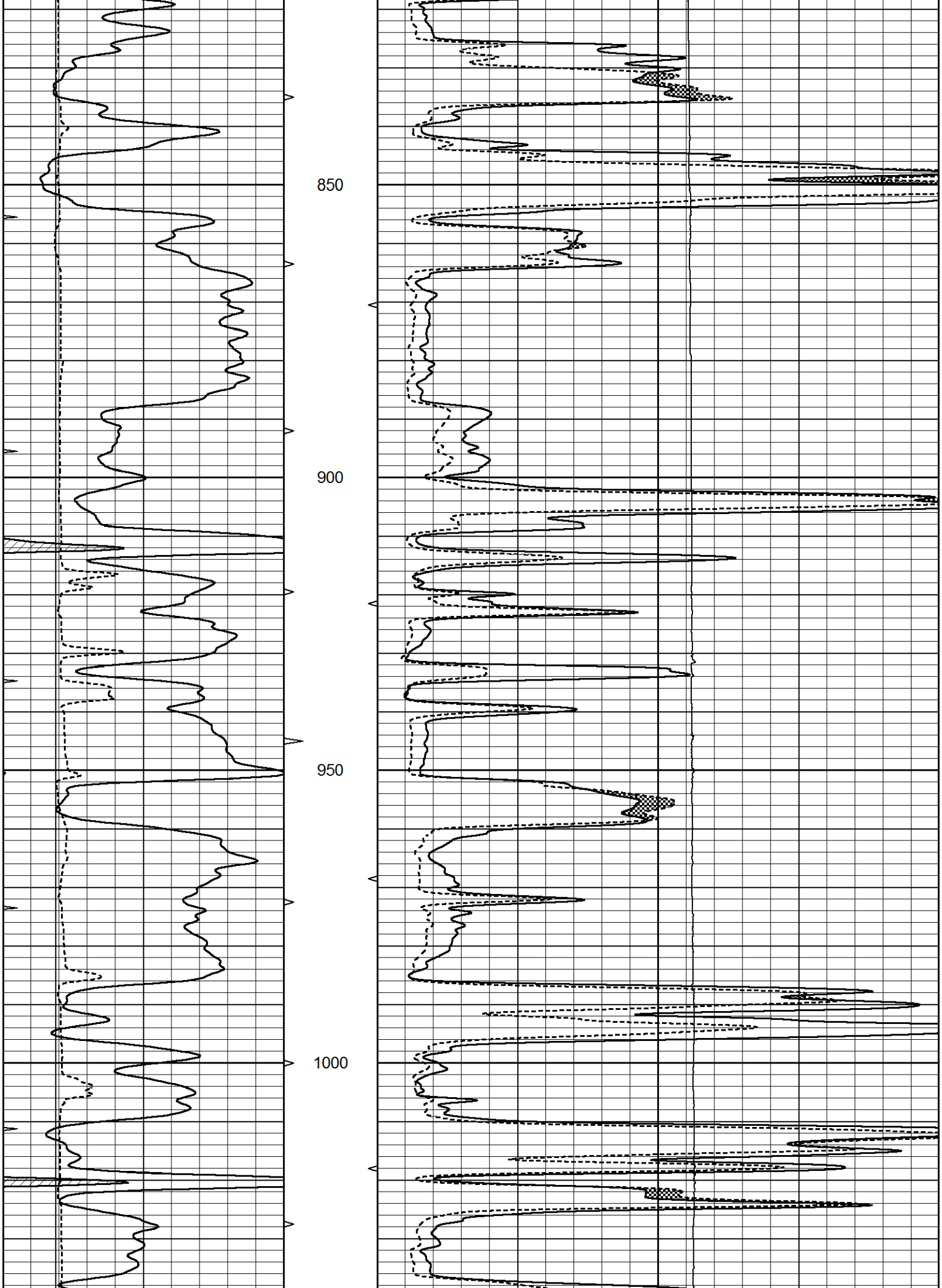
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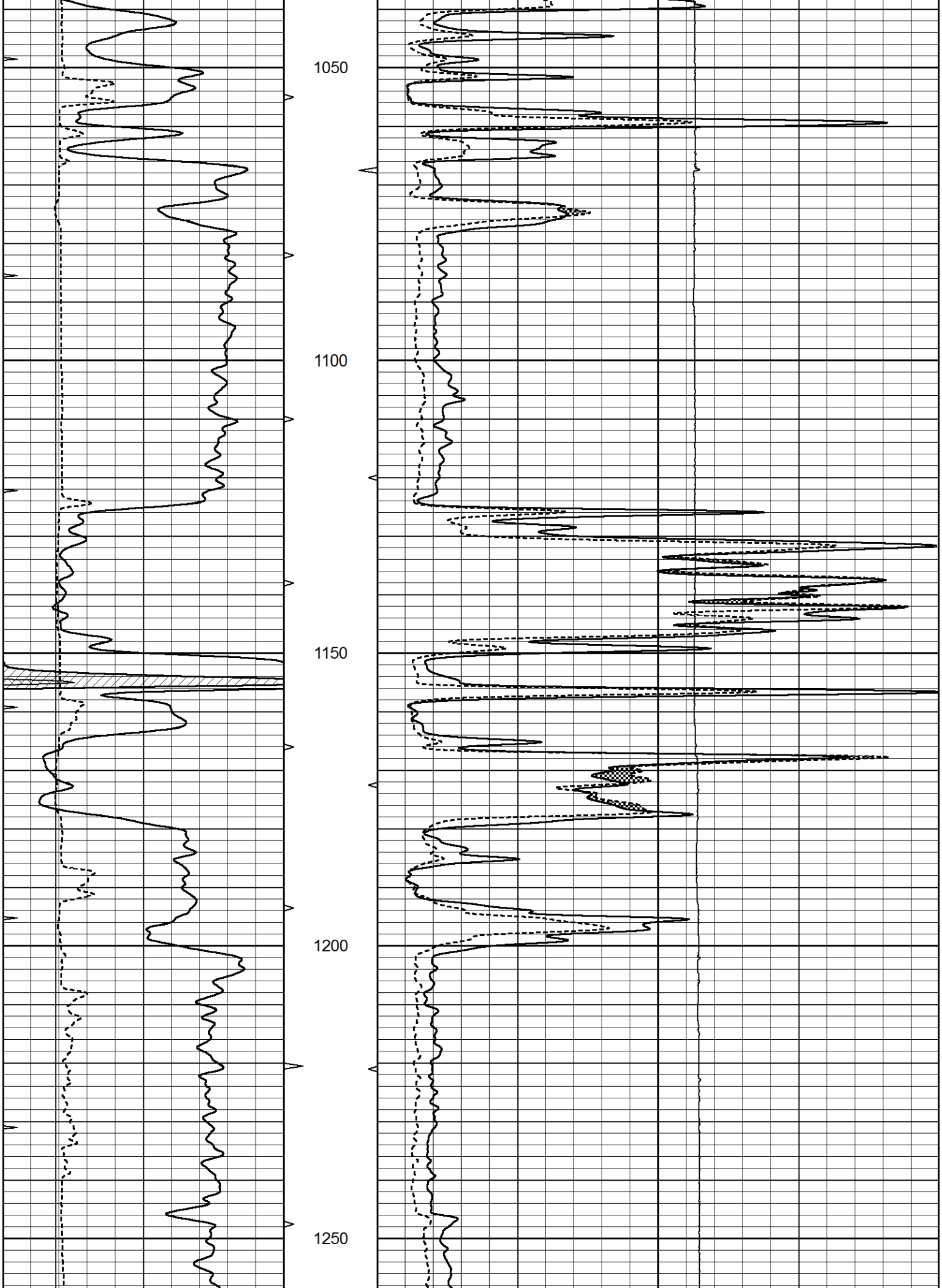
900
950
1000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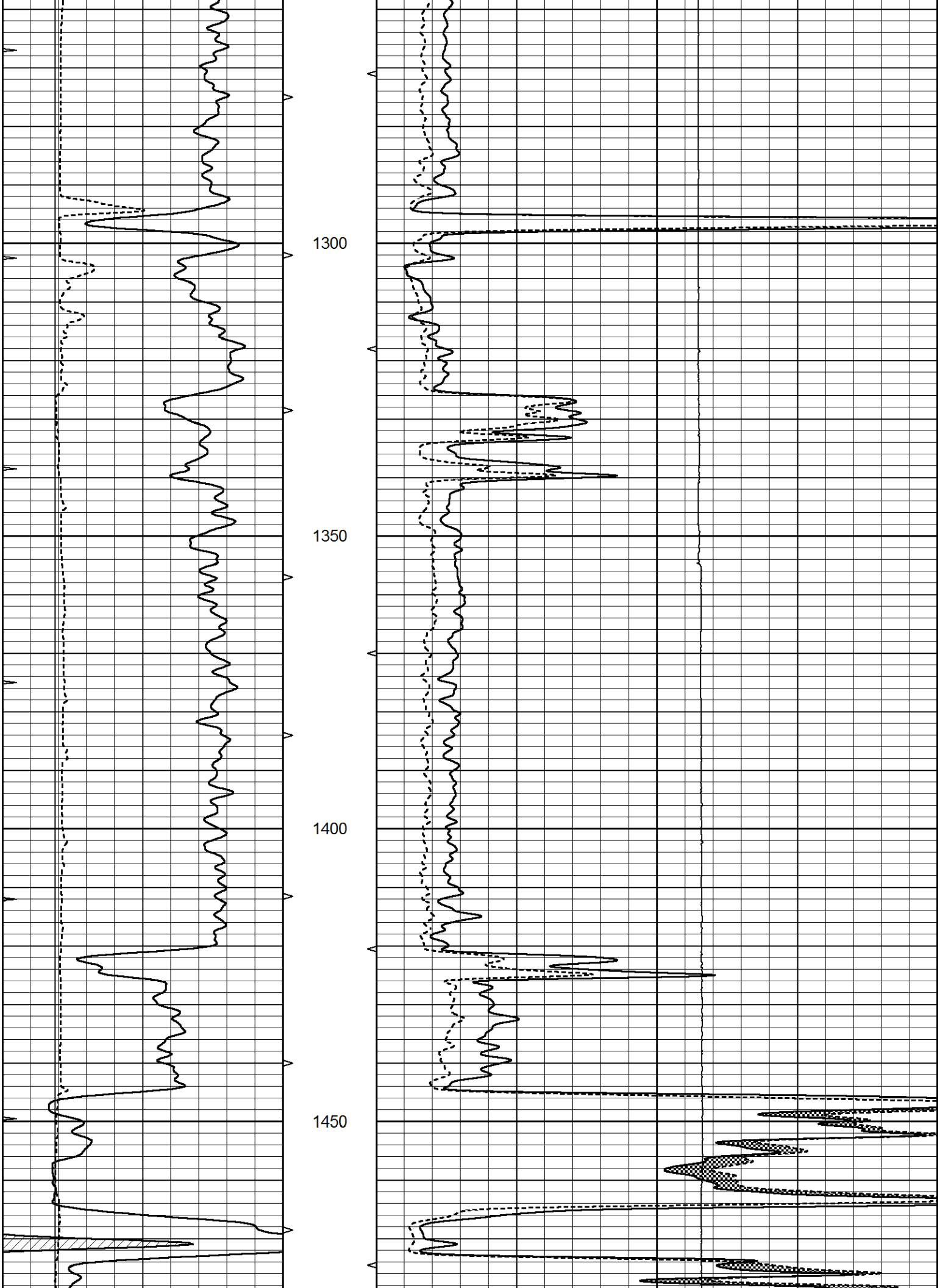
1100
1150
1200
1250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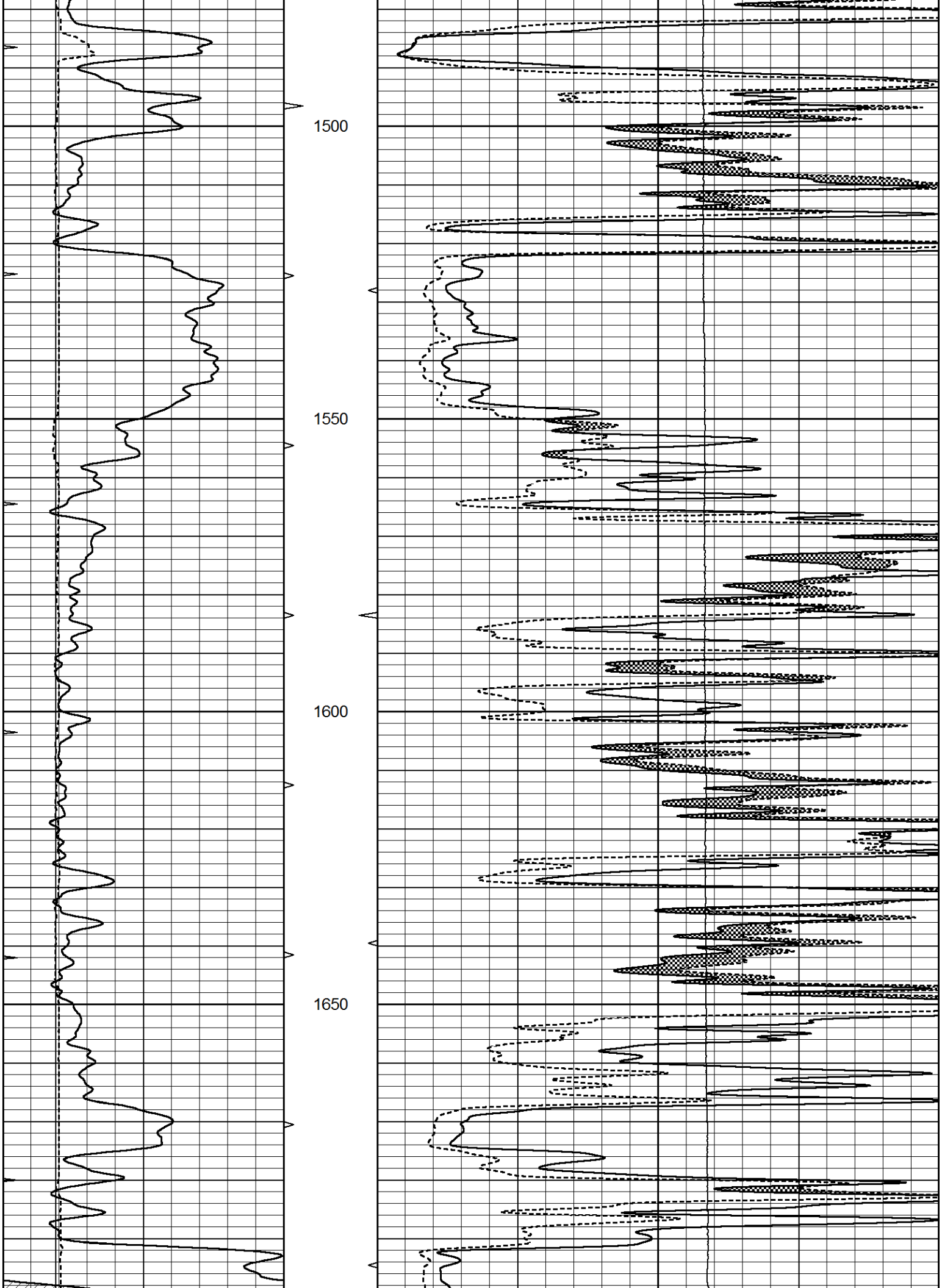
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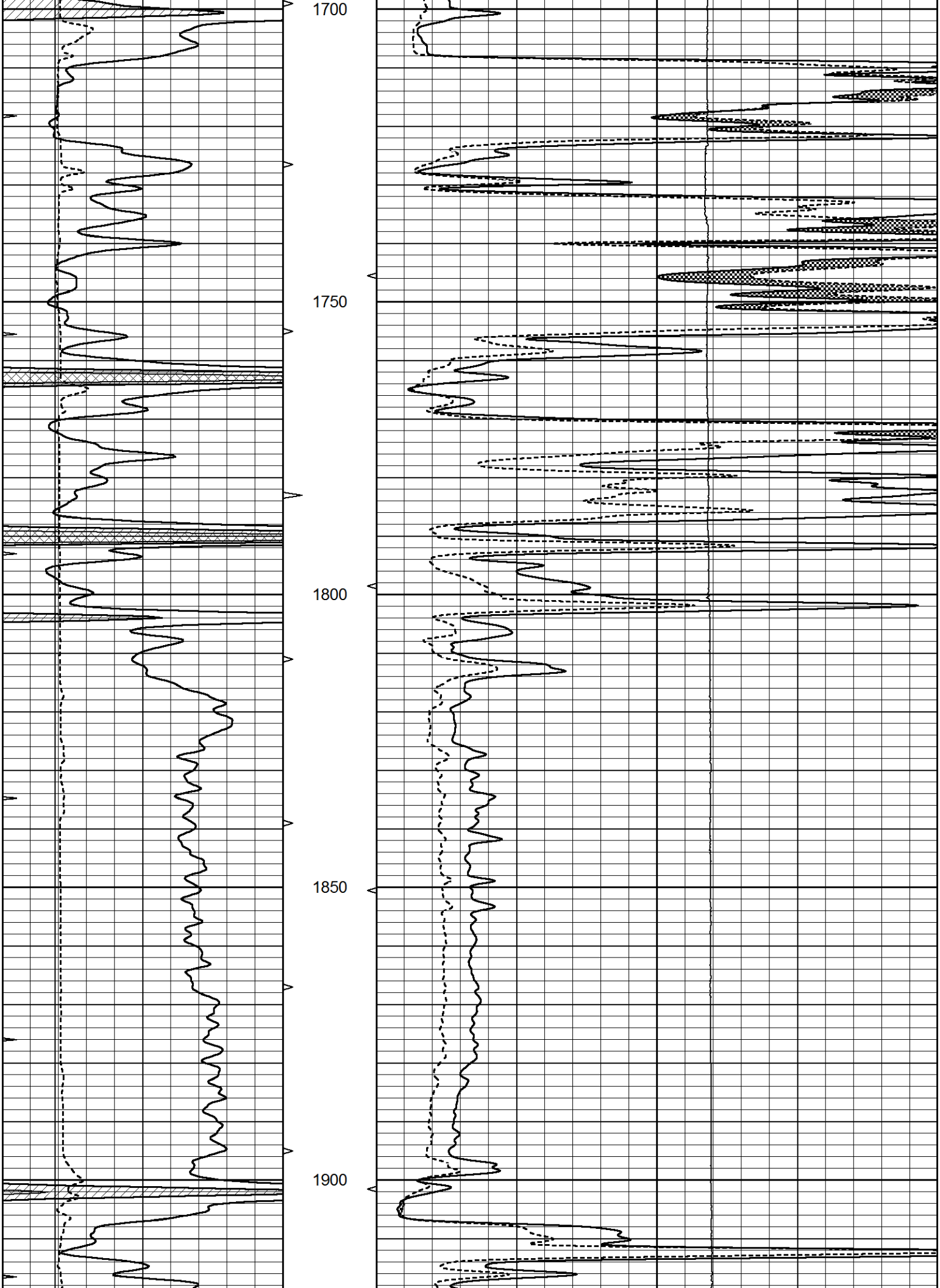
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1850
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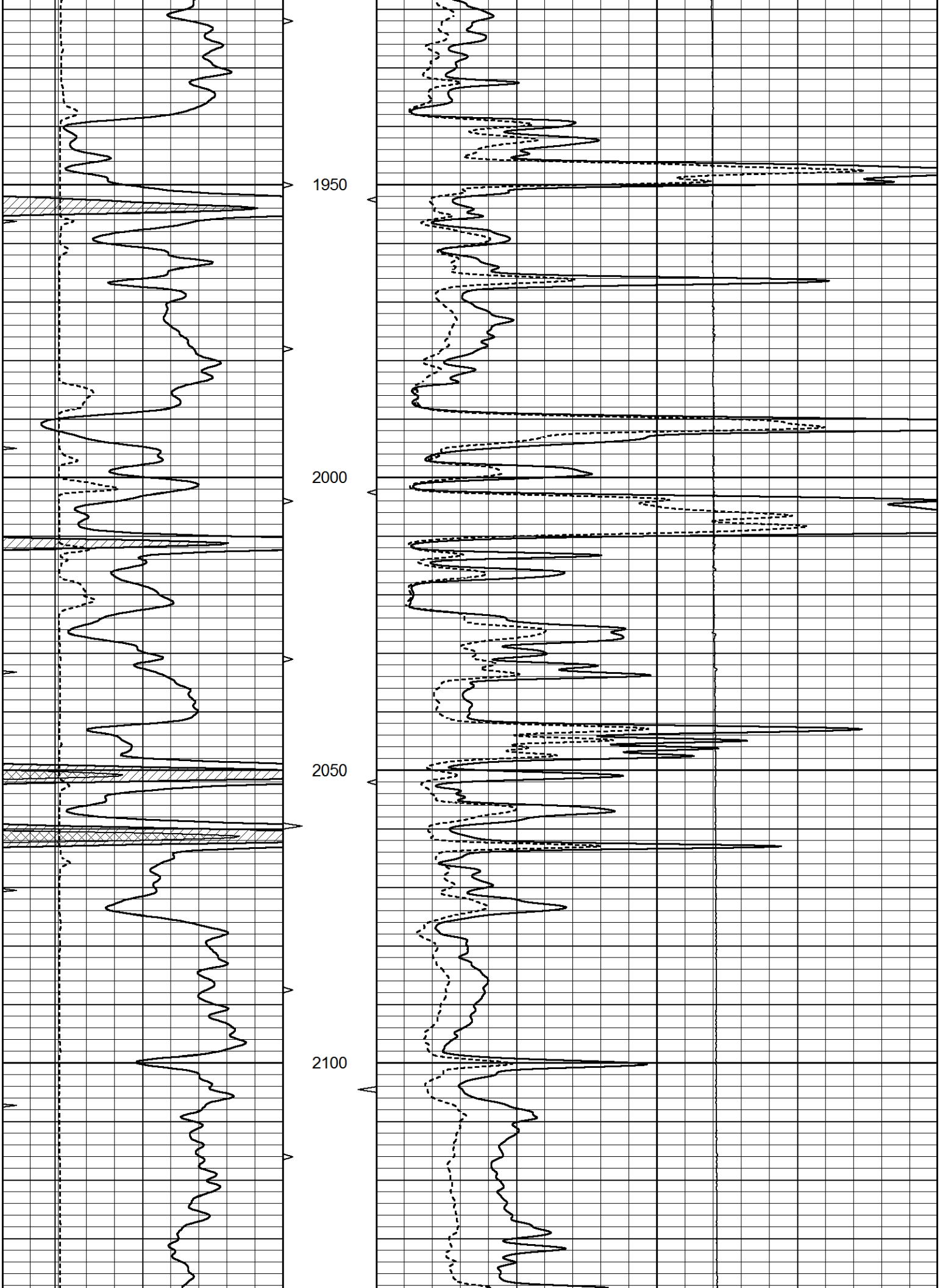
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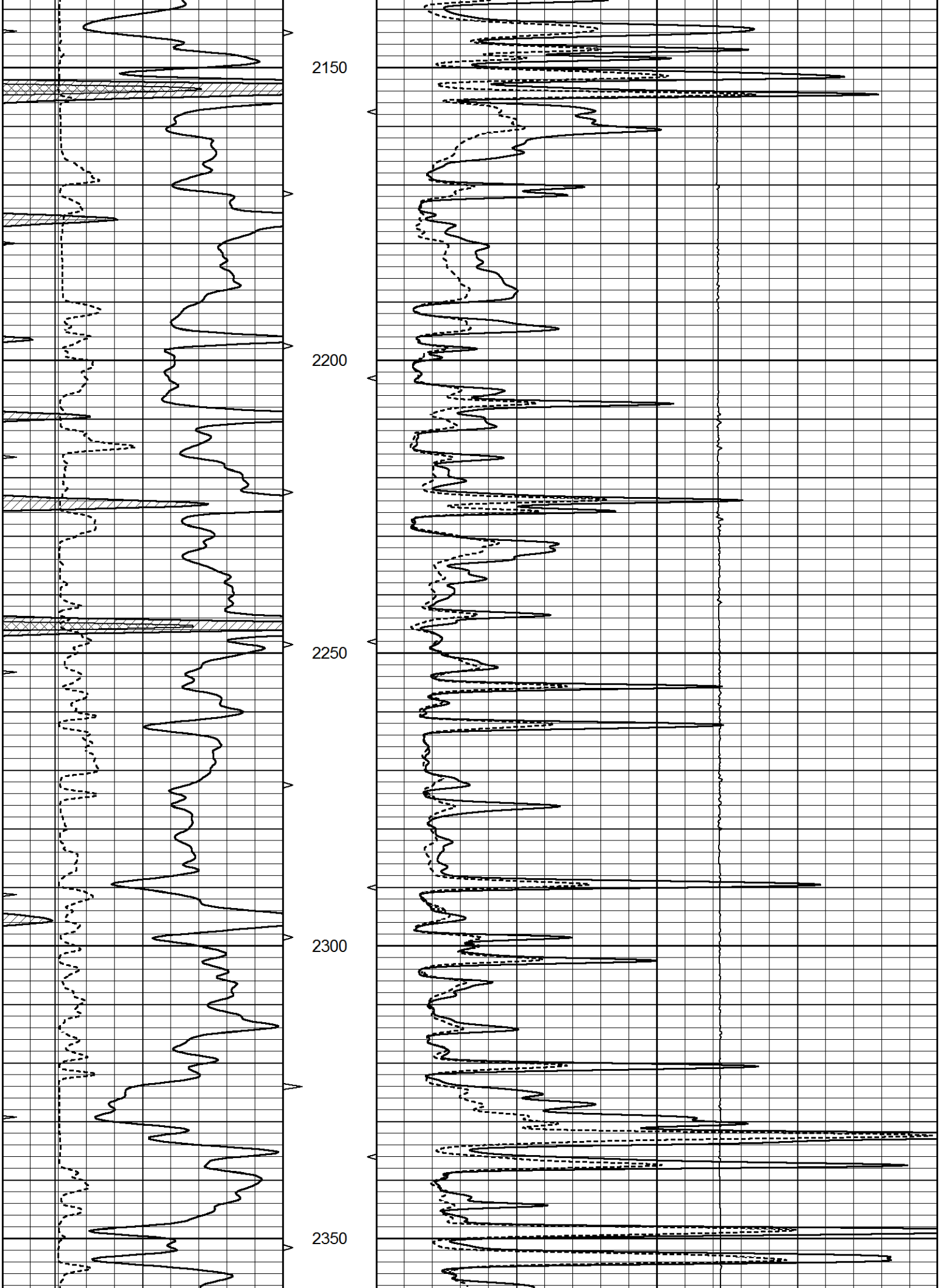
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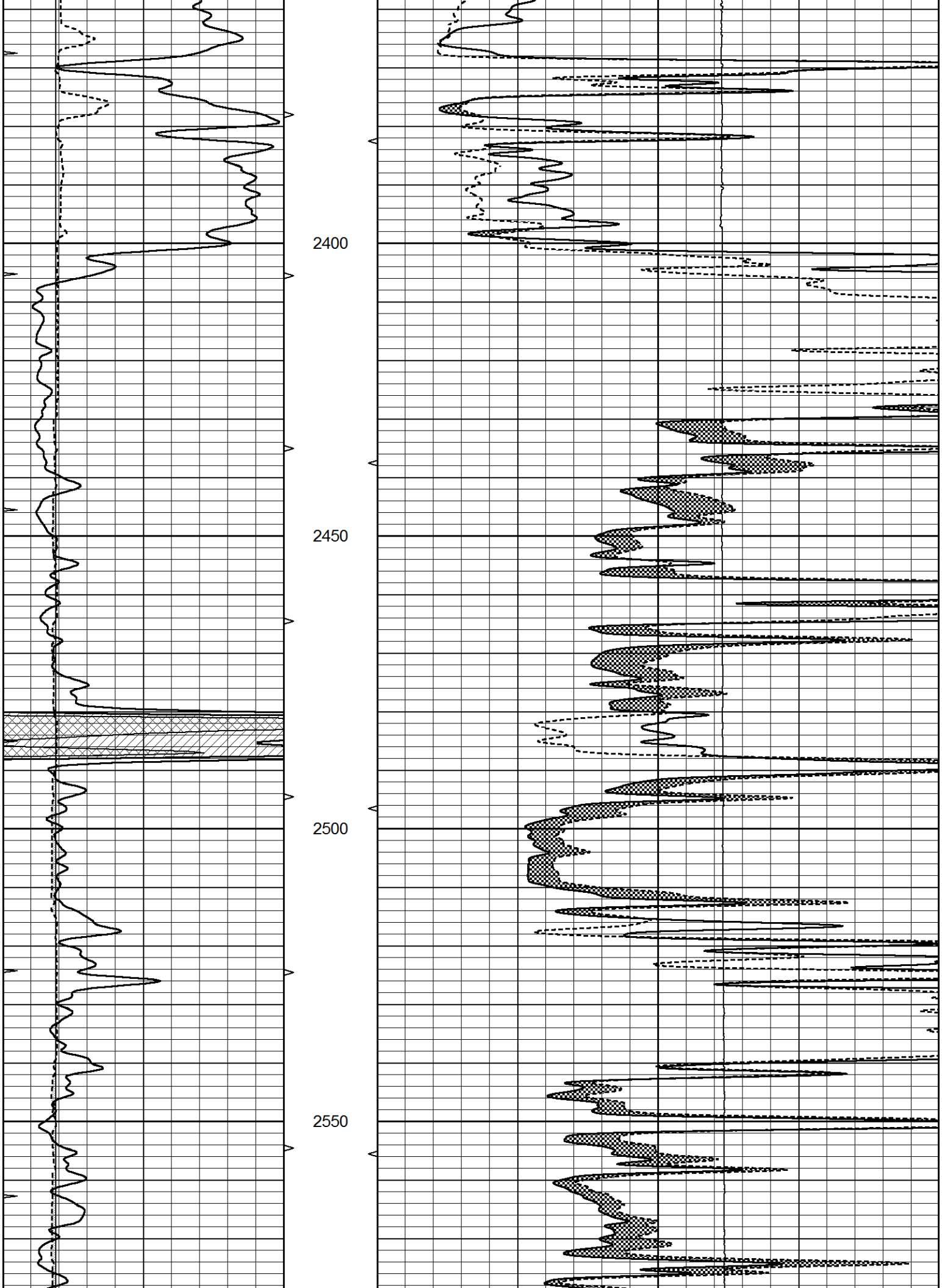
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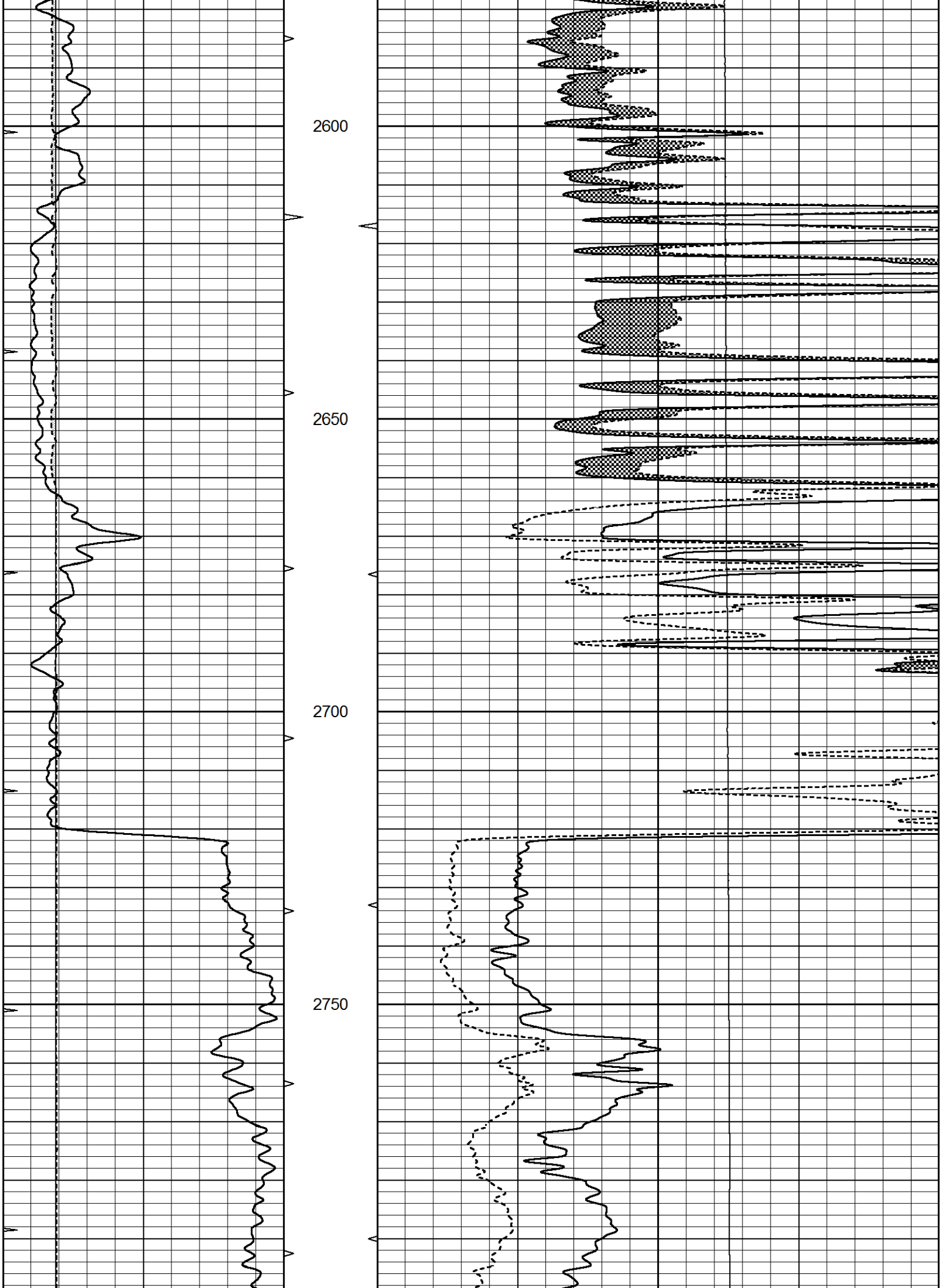
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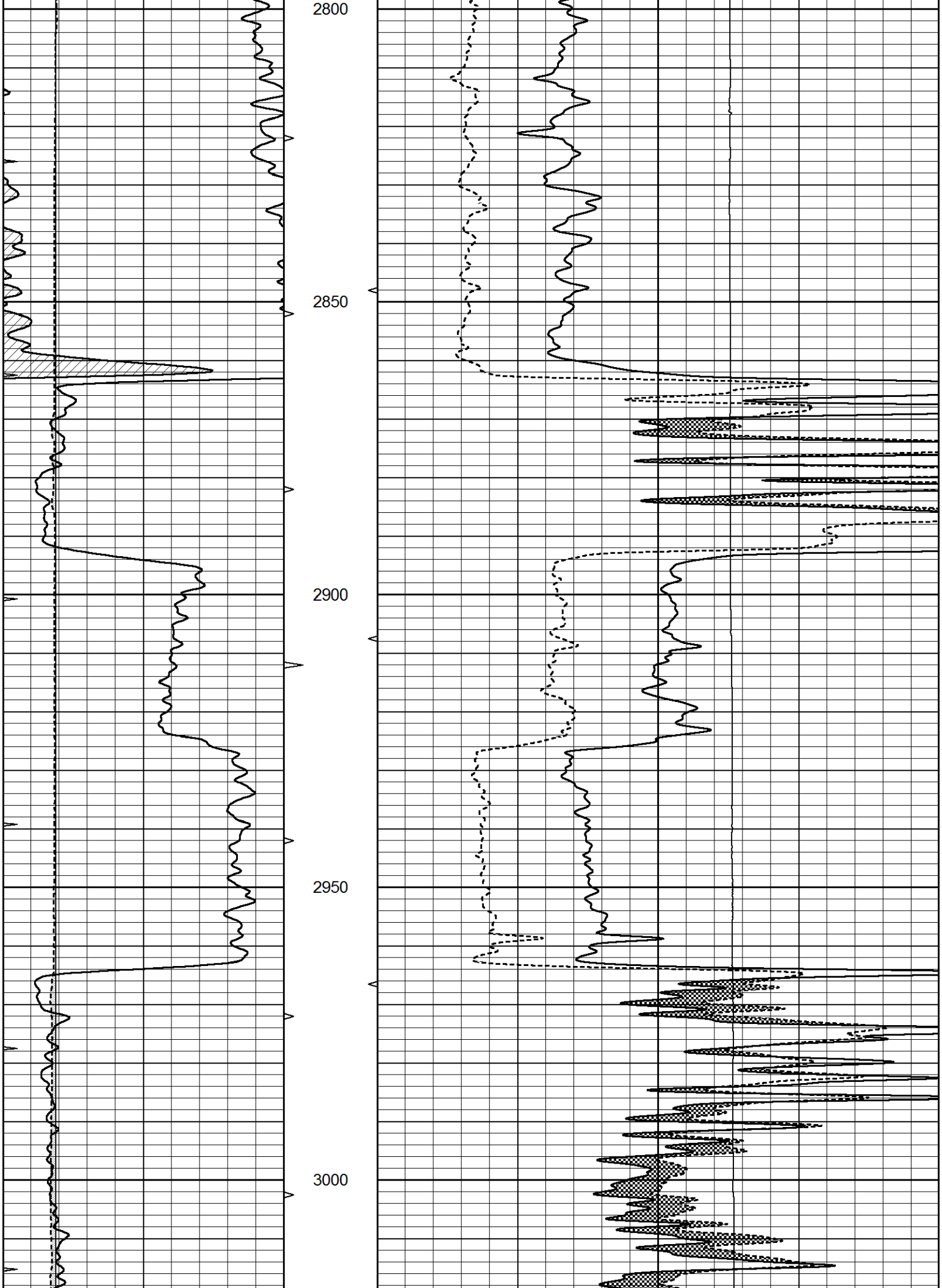
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2900
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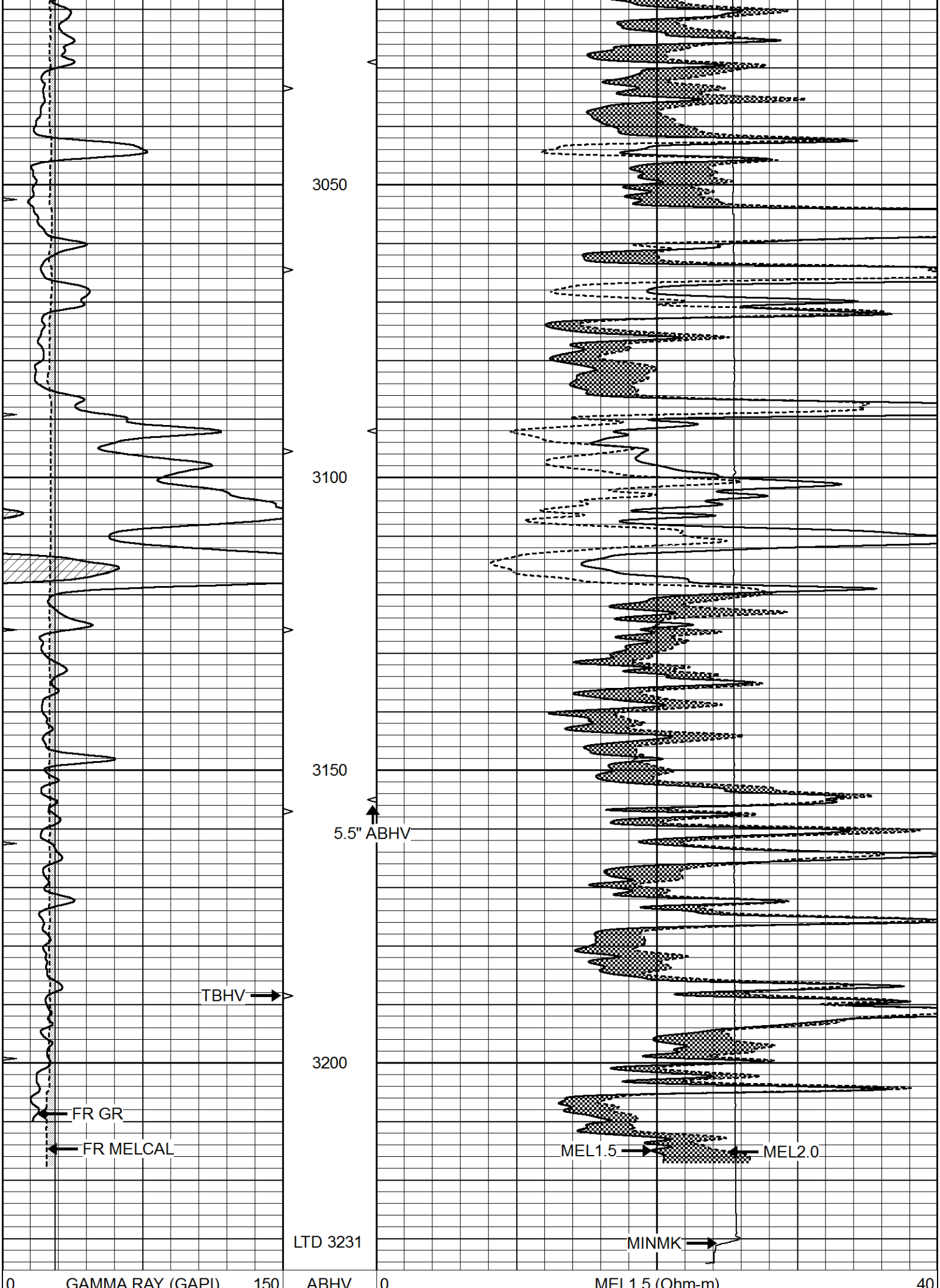
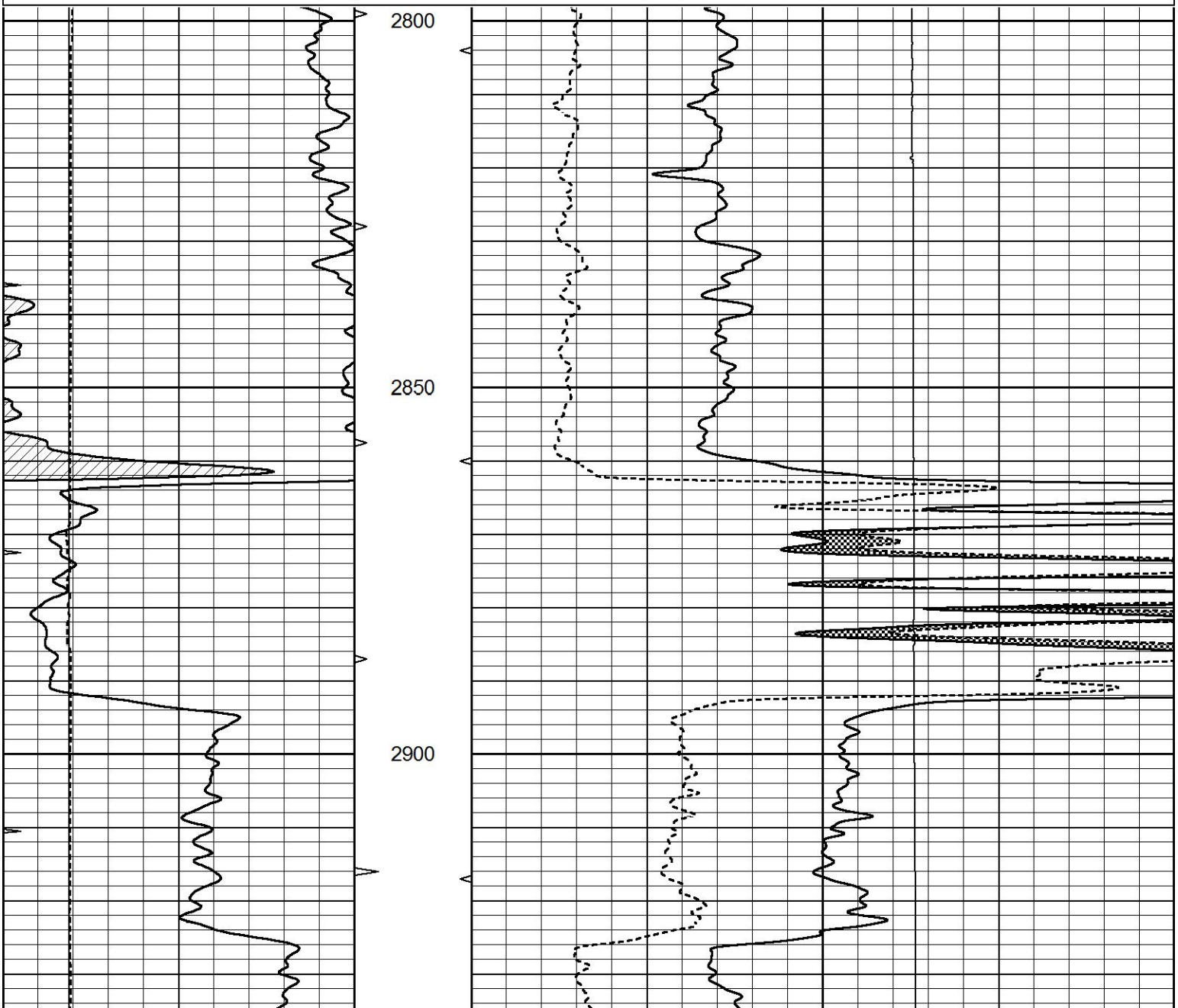

3050
3100
3150
3200
5.5" ABHV
TBHV
FR GR
FR MELCAL
LTD 3231
MEL1.5
MEL2.0
MINMK
0
GAMMA RAY (GAPI)
150
ABHV
0
MEL1.5 (Ohm-m)
40

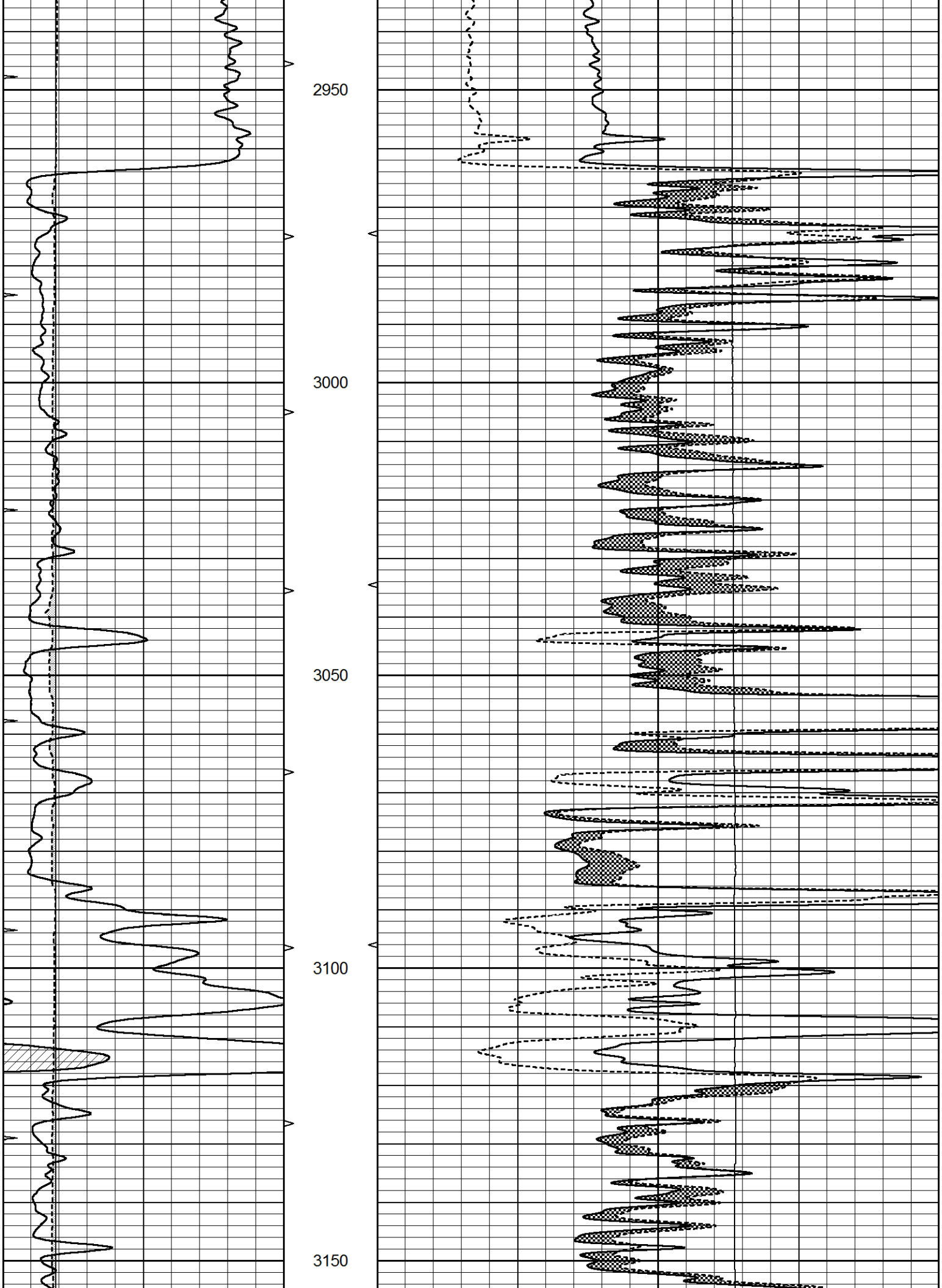
0	GAMMA RAY (GAPI)	150	ABHV		0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0	0	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			0 LTEN (lb)	5000
			0 (ft3)	10			

REPEAT SECTION

Database File	7318pe.db
Dataset Pathname	pass5.3
Presentation Format	_micro
Dataset Creation	Mon Aug 14 03:35:43 2023
Charted by	Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV		0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0	0	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			0 LTEN (lb)	5000
			0 (ft3)	10			

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3000
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3100
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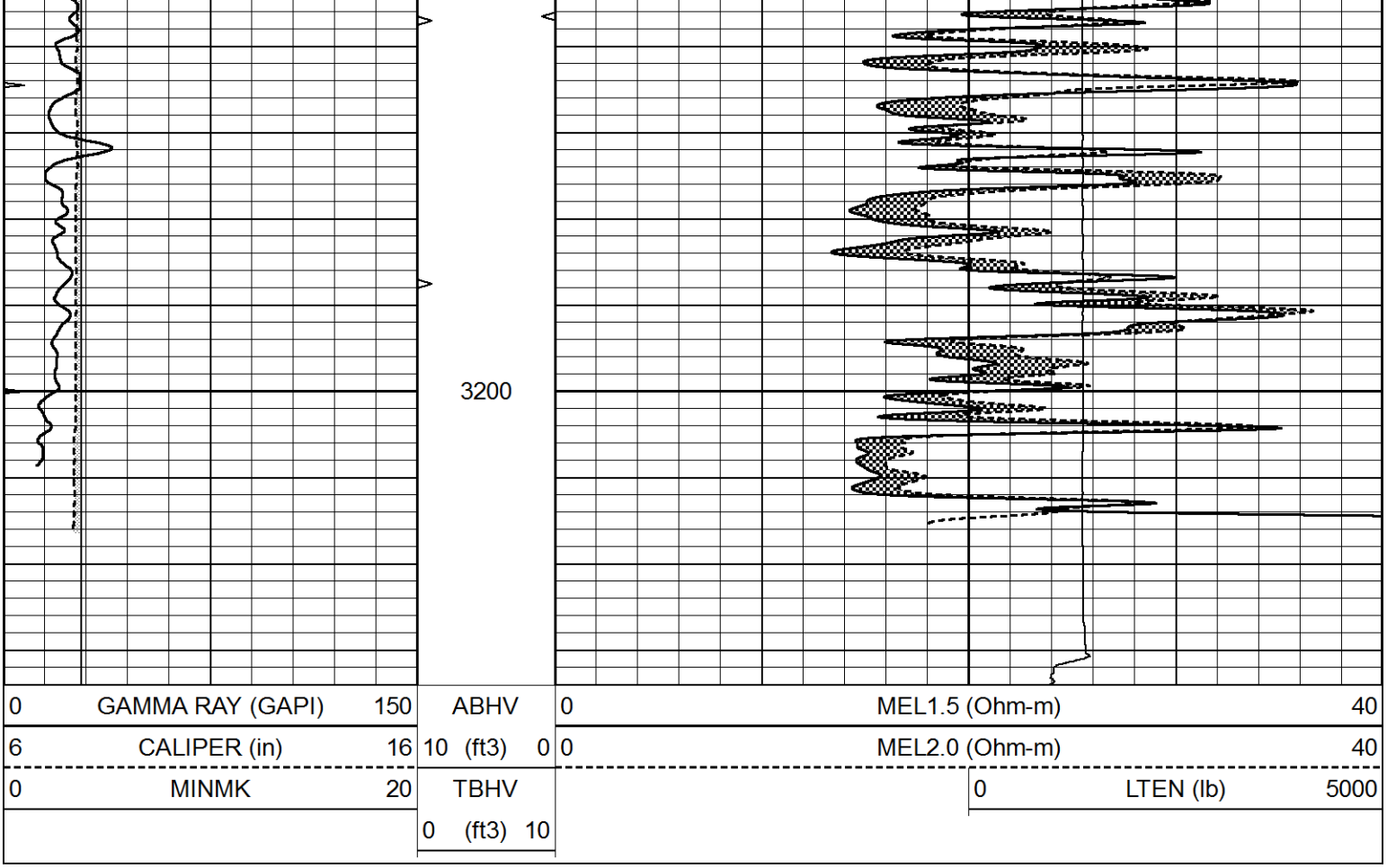

Calibration Report

Database File	7318pe.db
Dataset Pathname	pass6.3
Dataset Creation	Mon Aug 14 04:56:13 2023

MICRO Calibration Report

Serial Number:	070911	
Tool Model:	ProbeN	
Performed:	Mon Aug 14 04:12:06 2023	
Caliper Calibration:	Gain=4.706	Offset=2.353
	Low Cal	High Cal
References	8.000	16.000
Readings	1.200	2.900
1.5" Calibration:	Gain=32.000	Offset=-0.500
	Low Cal	High Cal
References	0.000	20.000
Readings	0.001	1.291
2" Calibration:	Gain=36.000	Offset=0.000
	Low Cal	High Cal
References	0.000	20.000
Readings	0.003	1.103

Gamma Ray Calibration Report

Serial Number:	070558
Tool Model:	OPEN_GR
Performed:	Mon Aug 14 04:12:15 2023

Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.3000	GAPI/cps