



COMPENSATED DENSITY/NEUTRON PE LOG

Company	SATCHELL CREEK PETROLEUM, LLC.	
Well	PLACE #A1-23	
Field	UNNAMED	
County	BUTLER	State KANSAS
Location:	API #: 15-015-24179-0000	
Permanent Datum	GROUND LEVEL	Elevation 1477
Log Measured From	KELLY BUSHING 6" A.G.L	
Drilling Measured From	KELLY BUSHING	
SEC 23	TWP 25S	RGE 7E
Other Services		DIL/MEL SONIC
Elevation		K.B. 1482 D.F. 1480 G.L. 1477
Date	11/26/22	
Run Number	ONE	
Depth Driller	3153	
Depth Logger	3147	
Bottom Logged Interval	3123	
Top Log Interval	250	
Casing Driller	8 5/8" @ 263	
Casing Logger	263	
Bit Size	7 7/8	
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 3.000 PPM
Density / Viscosity	9.0/68	
pH / Fluid Loss	11.4/7.2	
Source of Sample	FLOWLINE	
Rm @ Meas. Temp	.700 @ 70F	
Rmf @ Meas. Temp	.525 @ 70F	
Rmc @ Meas. Temp	.840 @ 70F	
Source of Rmf / Rmc	MEASUREMENT	
Rm @ BHT	.454 @ 108F	
Time Circulation Stopped	7 HOURS	
Time Logger on Bottom	12:30 A.M.	
Maximum Recorded Temperature	108F	
Equipment Number	3802	
Location	HAYS, KANSAS	
Recorded By	COLE ROBEN	
Witnessed By	CHRIS LEIKER	

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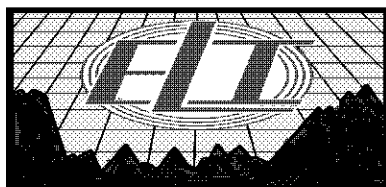
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395

DIRECTIONS:

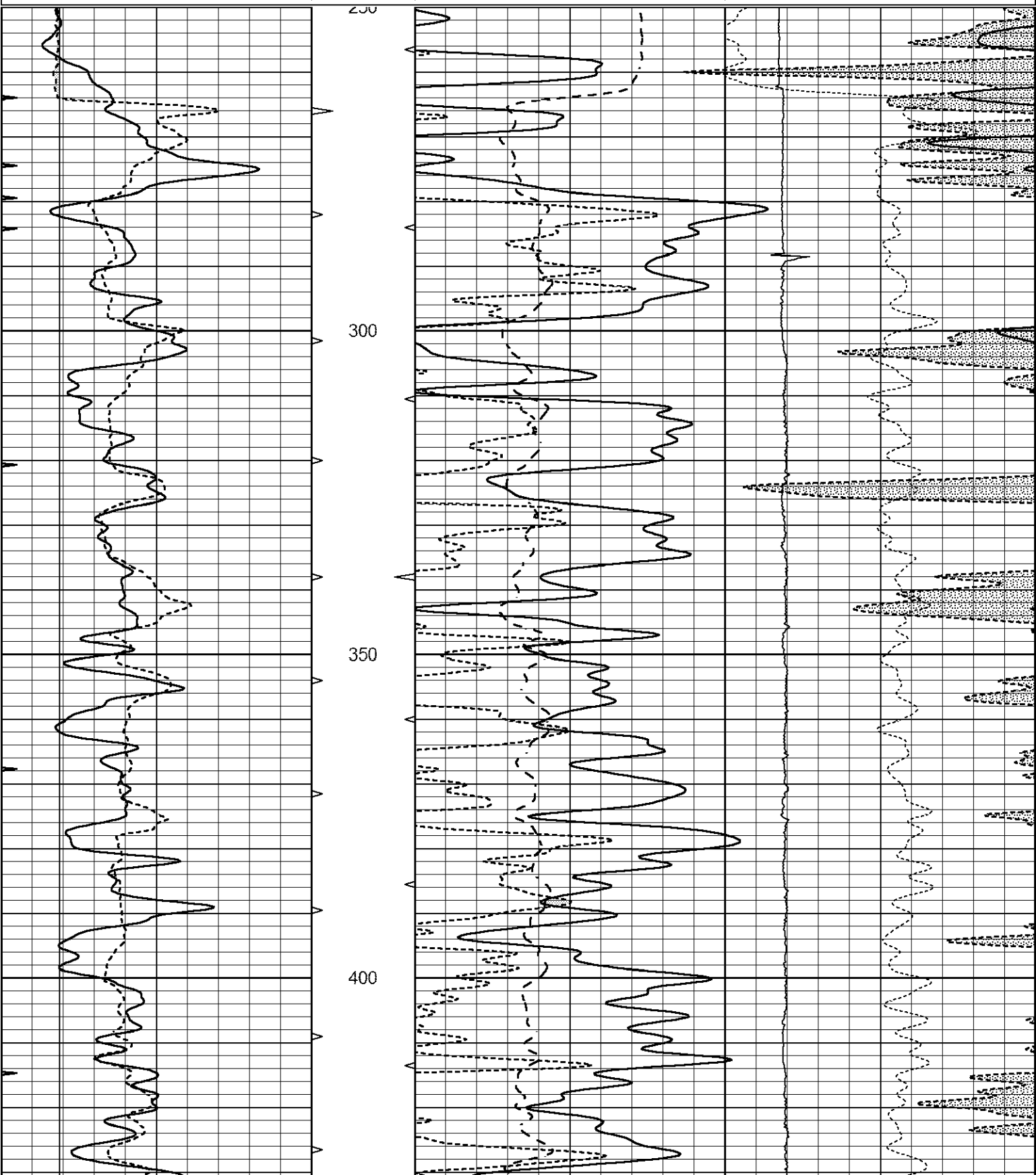
FROM ROSALIA, GO NORTH 2.5 MILES ON FLINT HILLS ROAD, WEST INTO

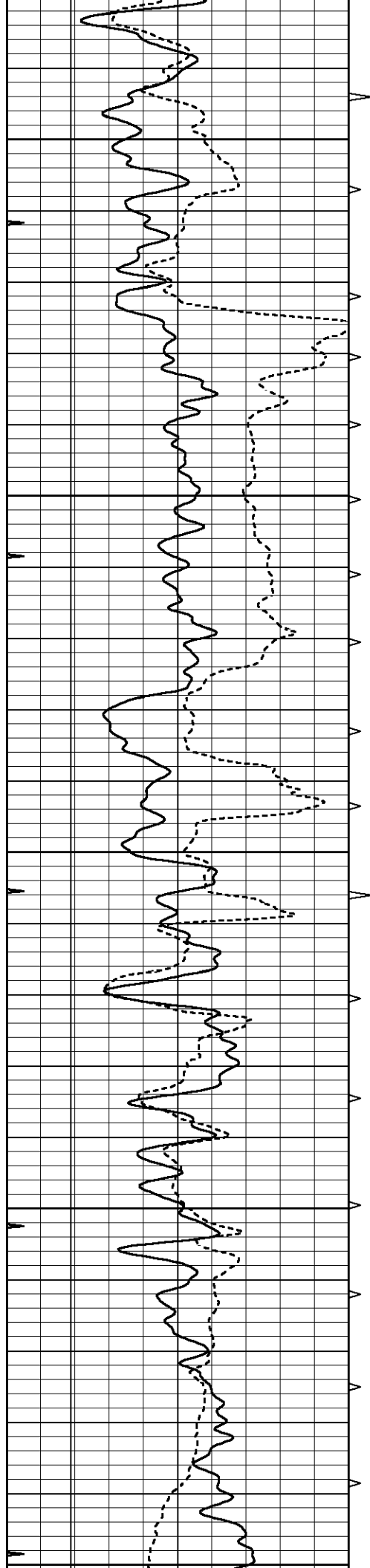


MAIN SECTION

Database File	7381pe.db
Dataset Pathname	pass3.4
Presentation Format	_ldt_neu
Dataset Creation	Fri Nov 25 03:31:30 2022
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			0	LTEN (lb)	5000





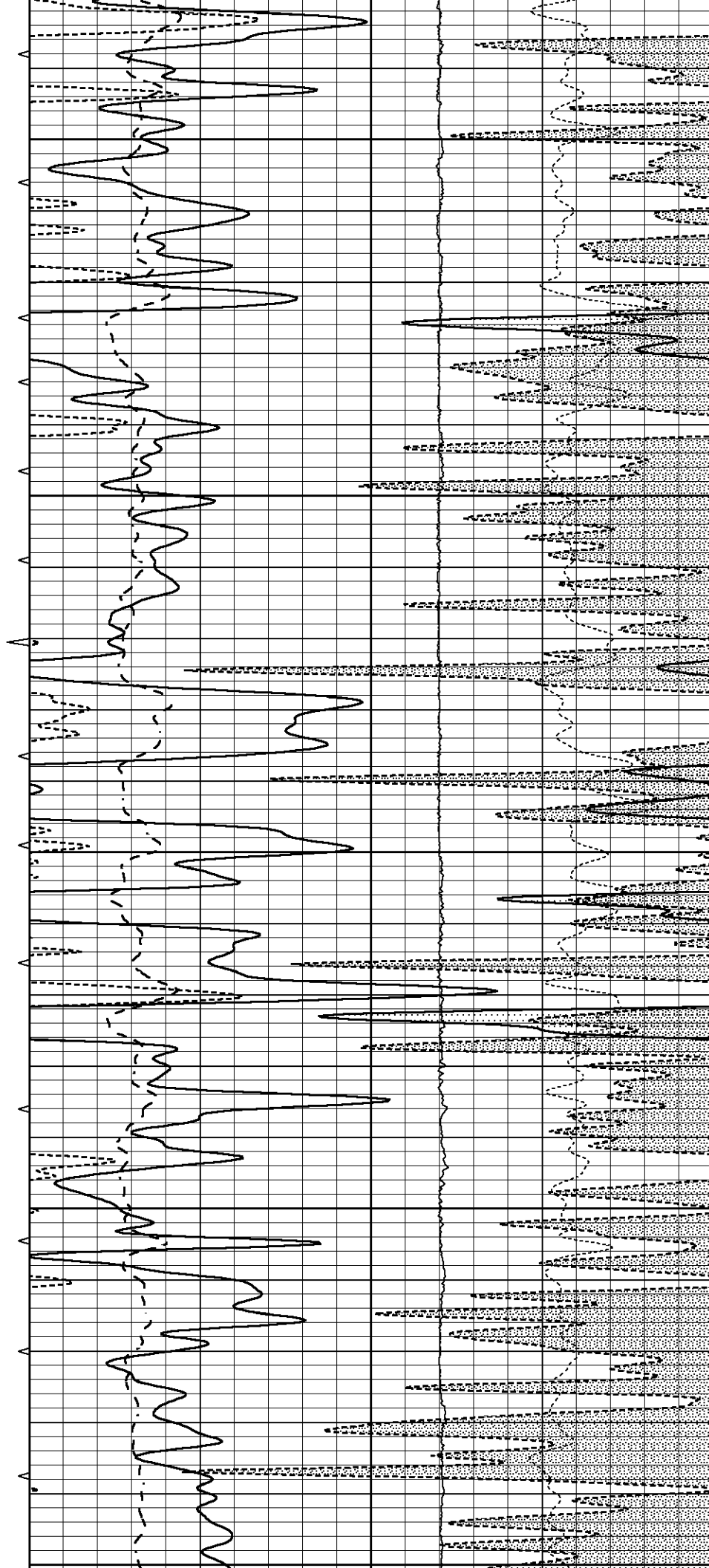
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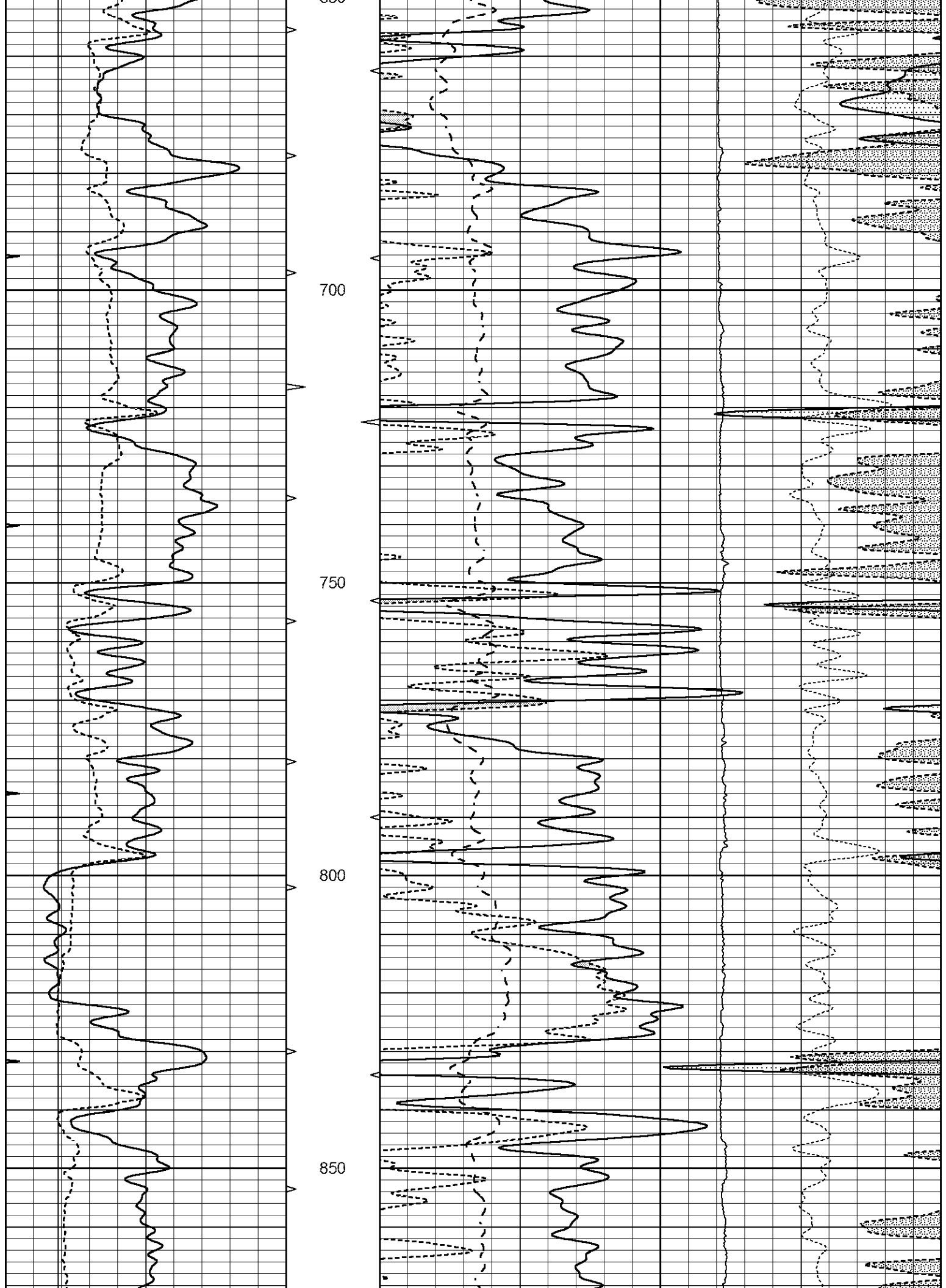
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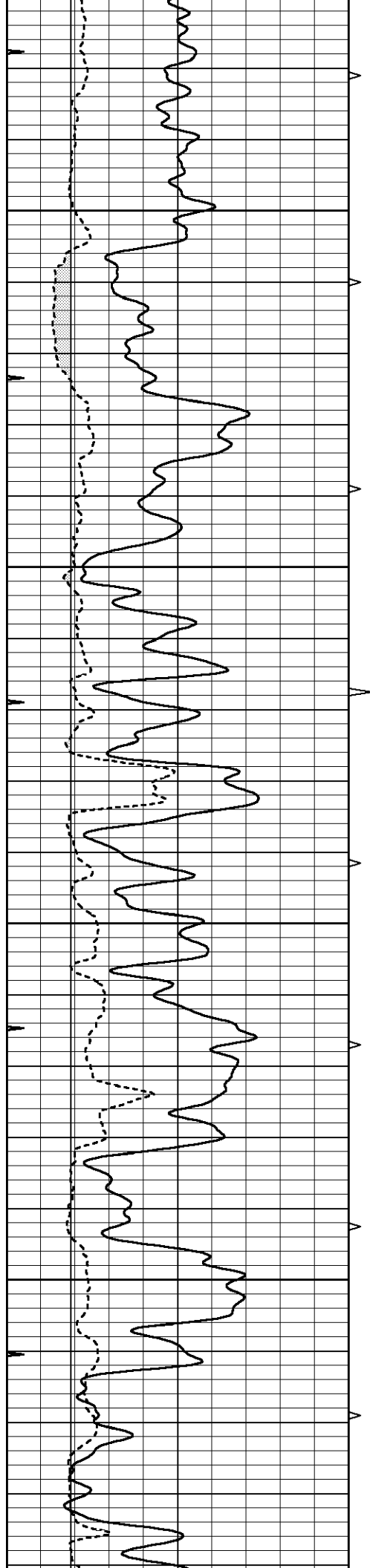
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600

650





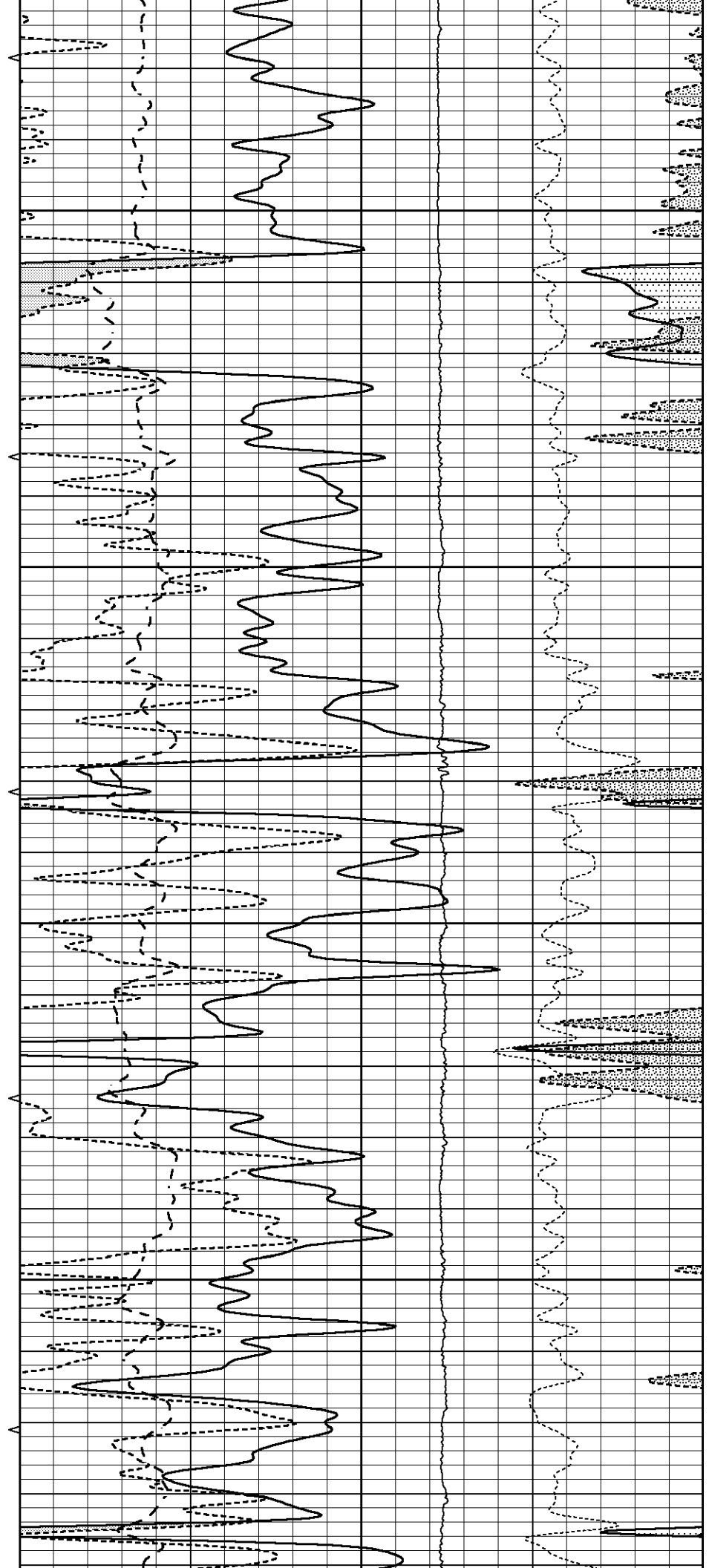


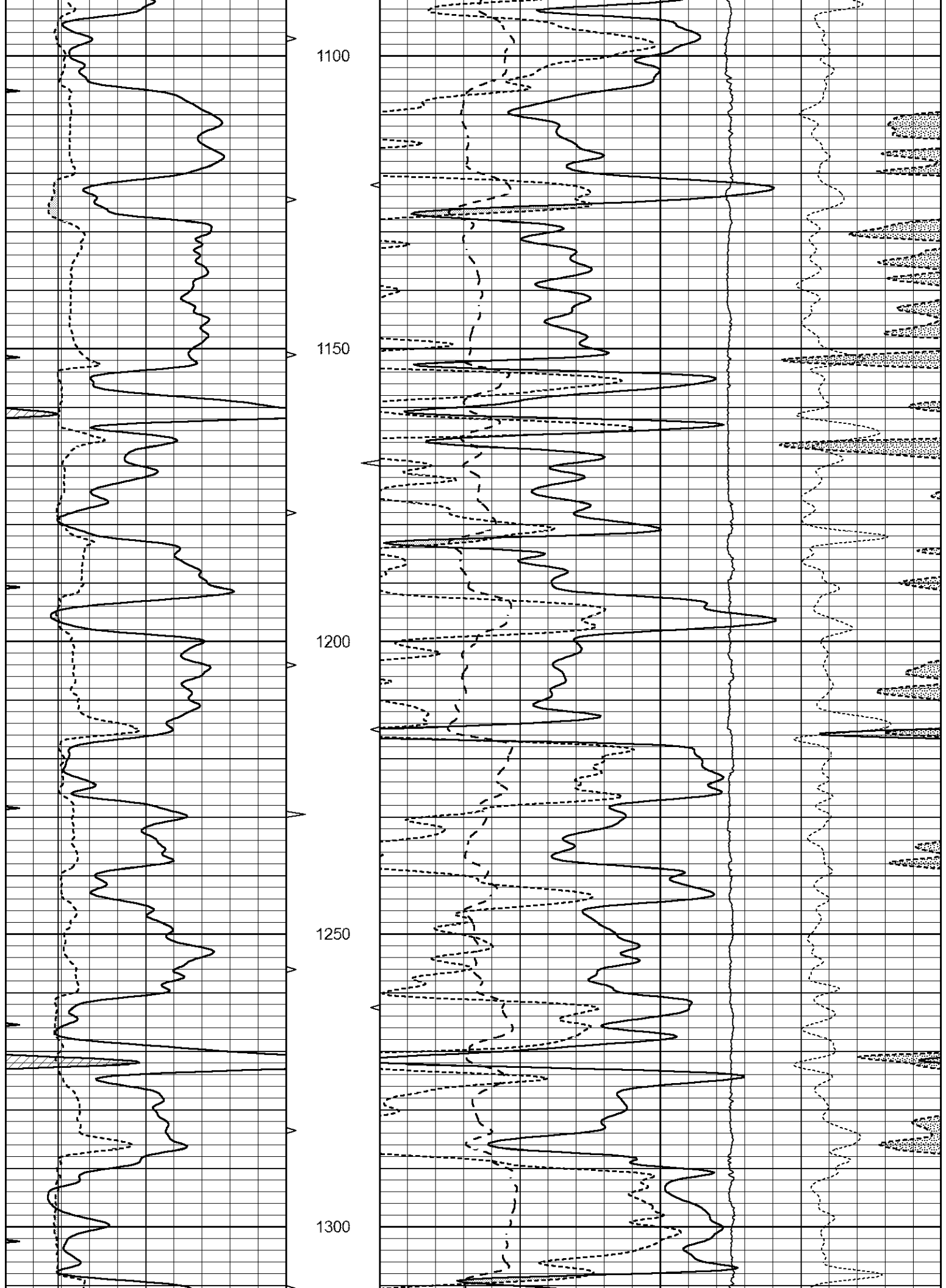
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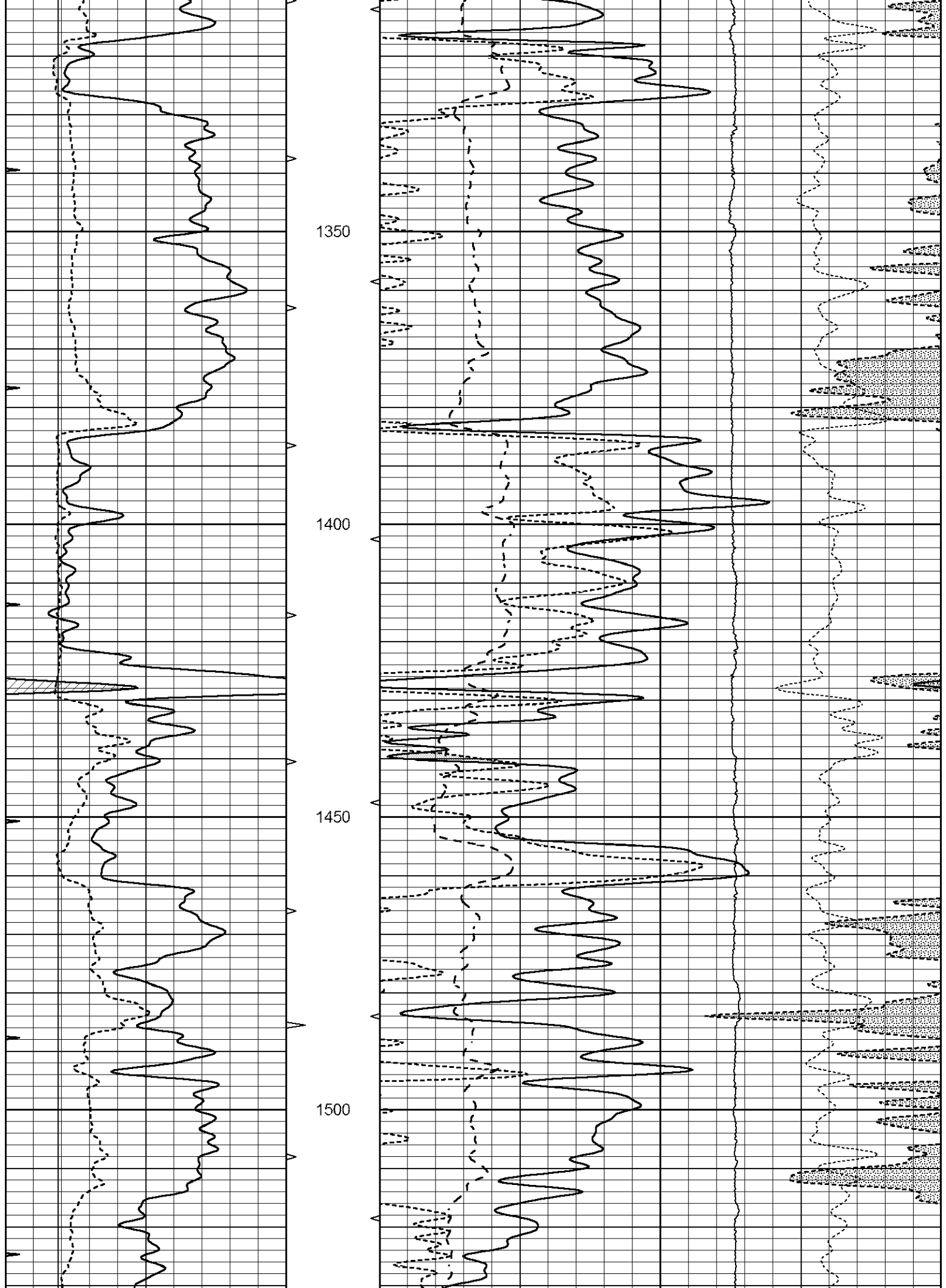
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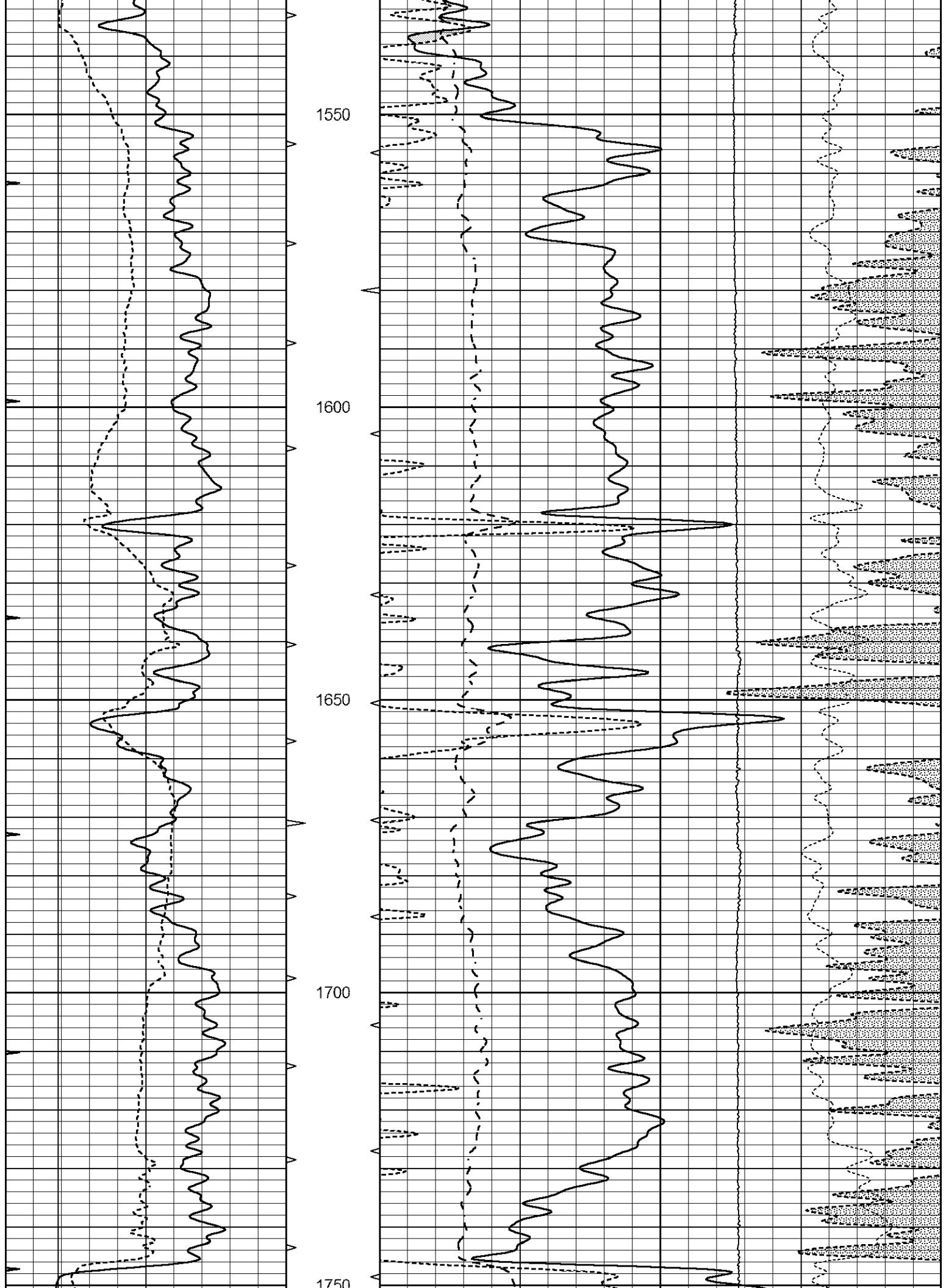
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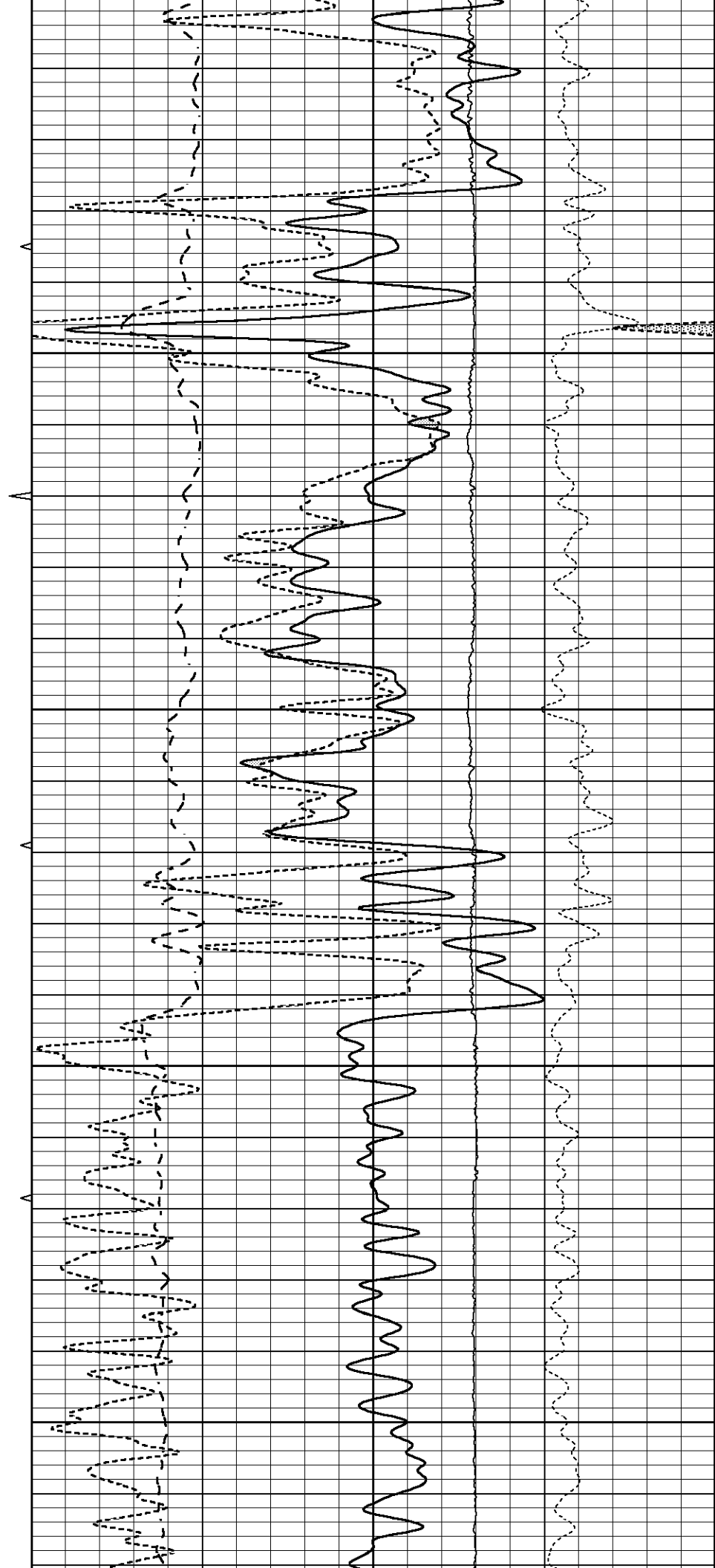
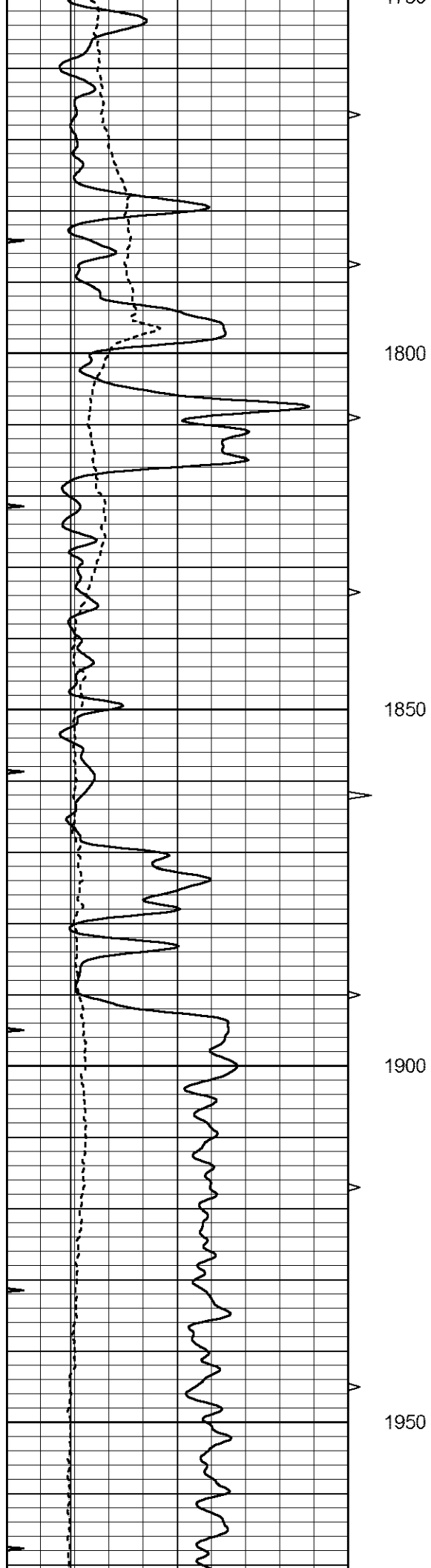
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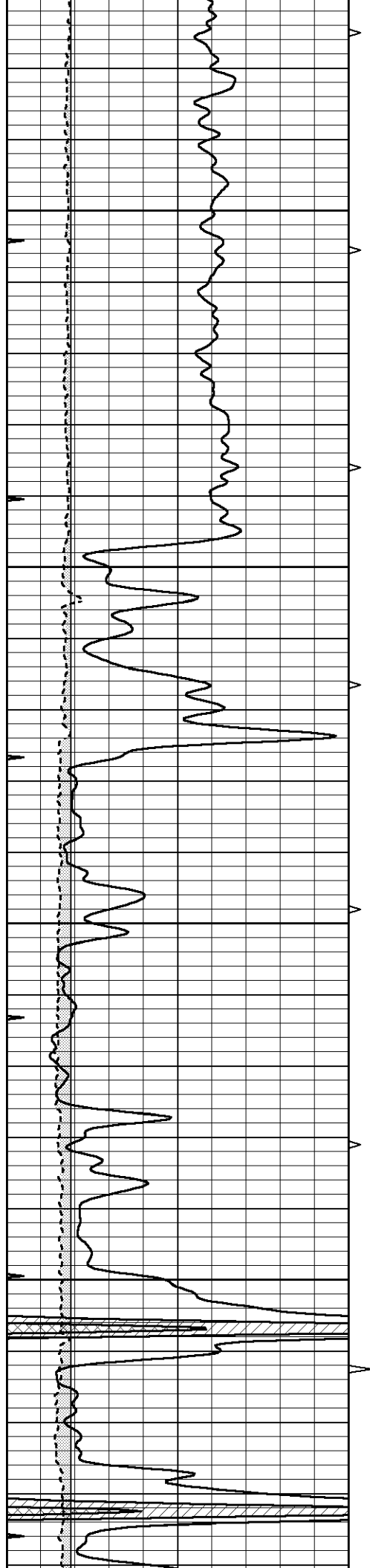










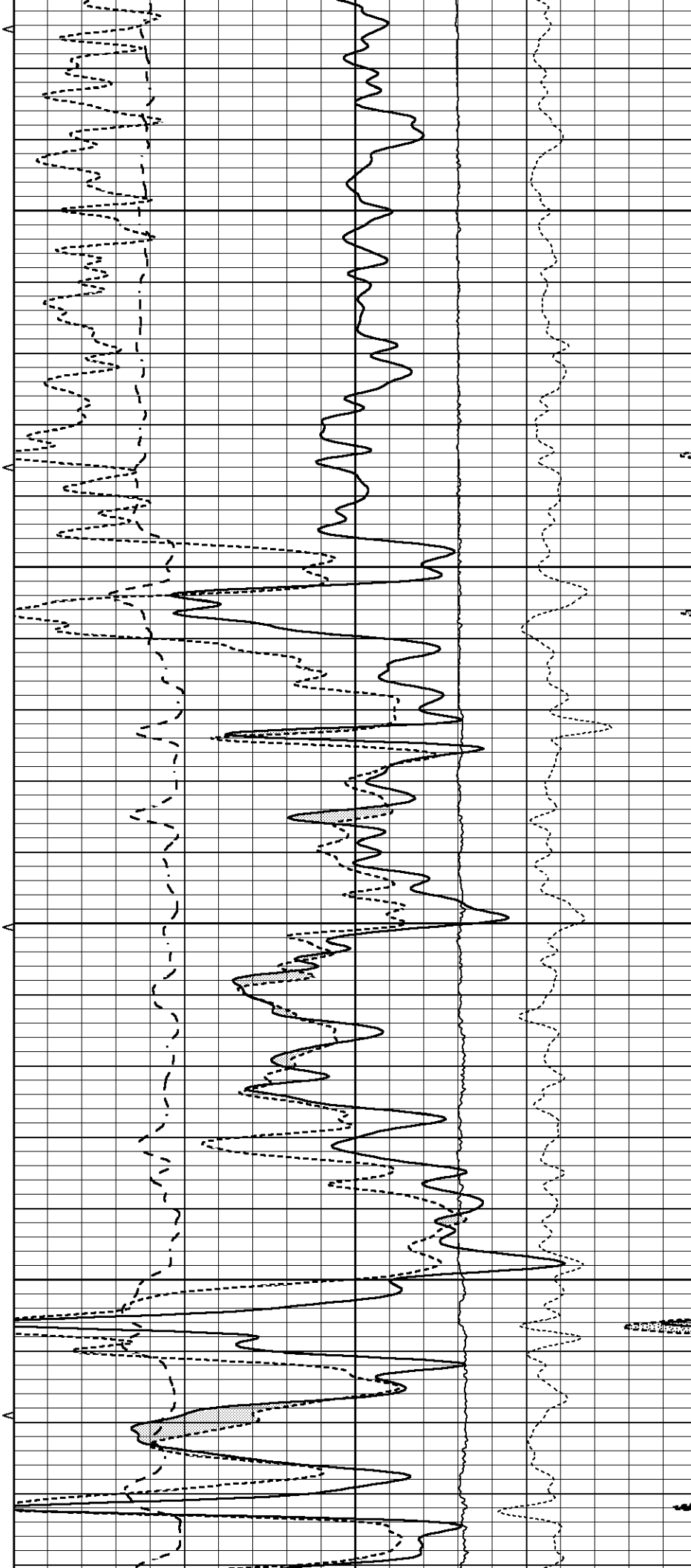


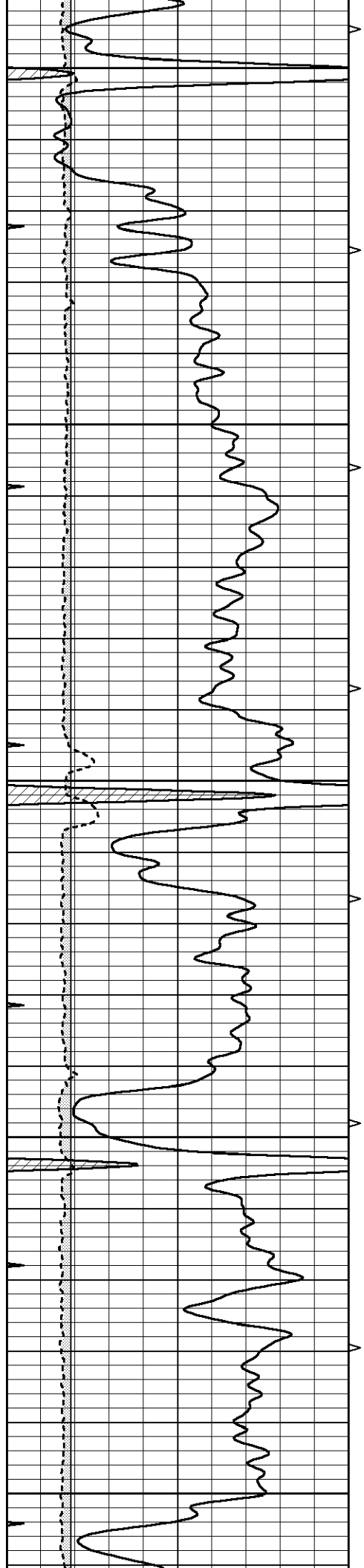
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2050

2100

2150





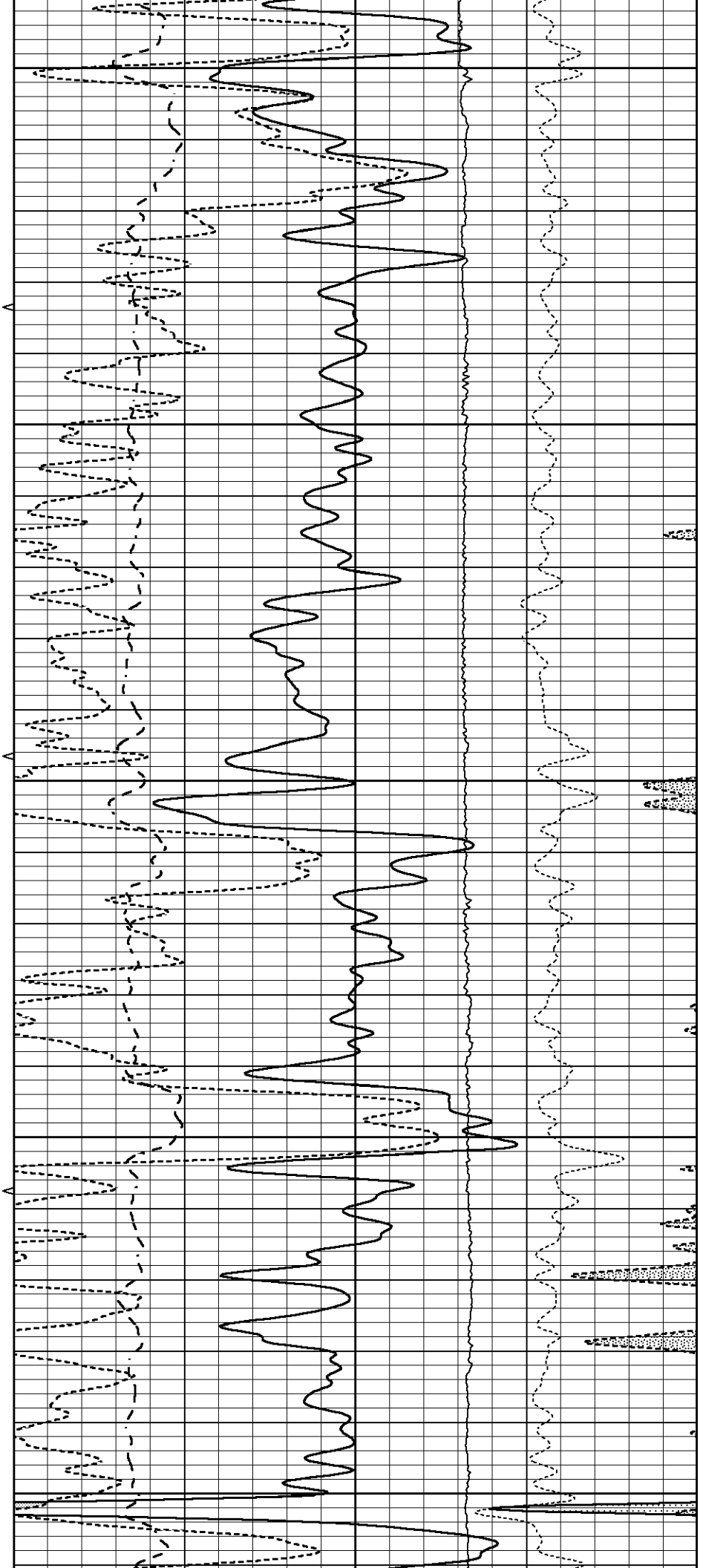
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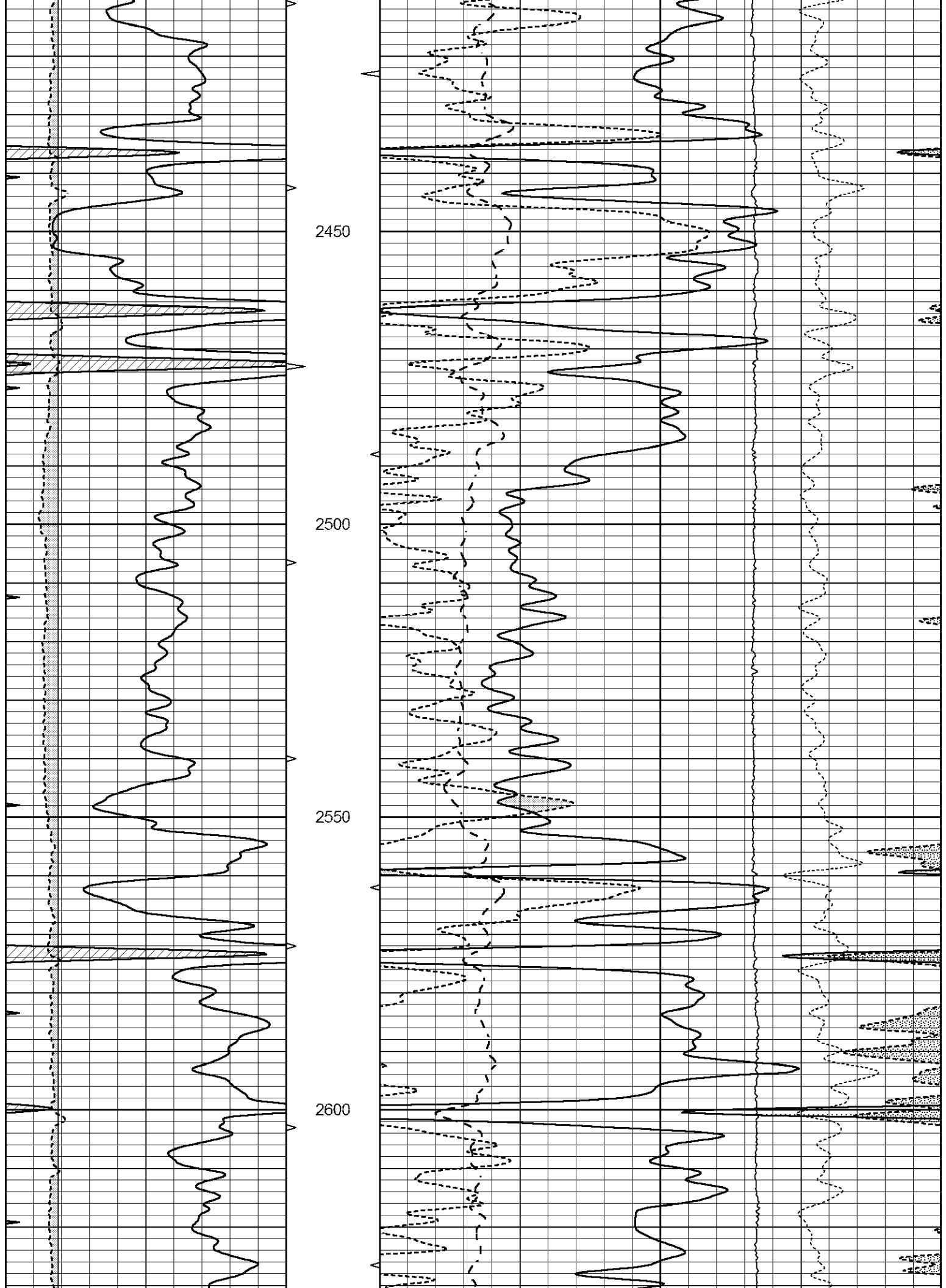
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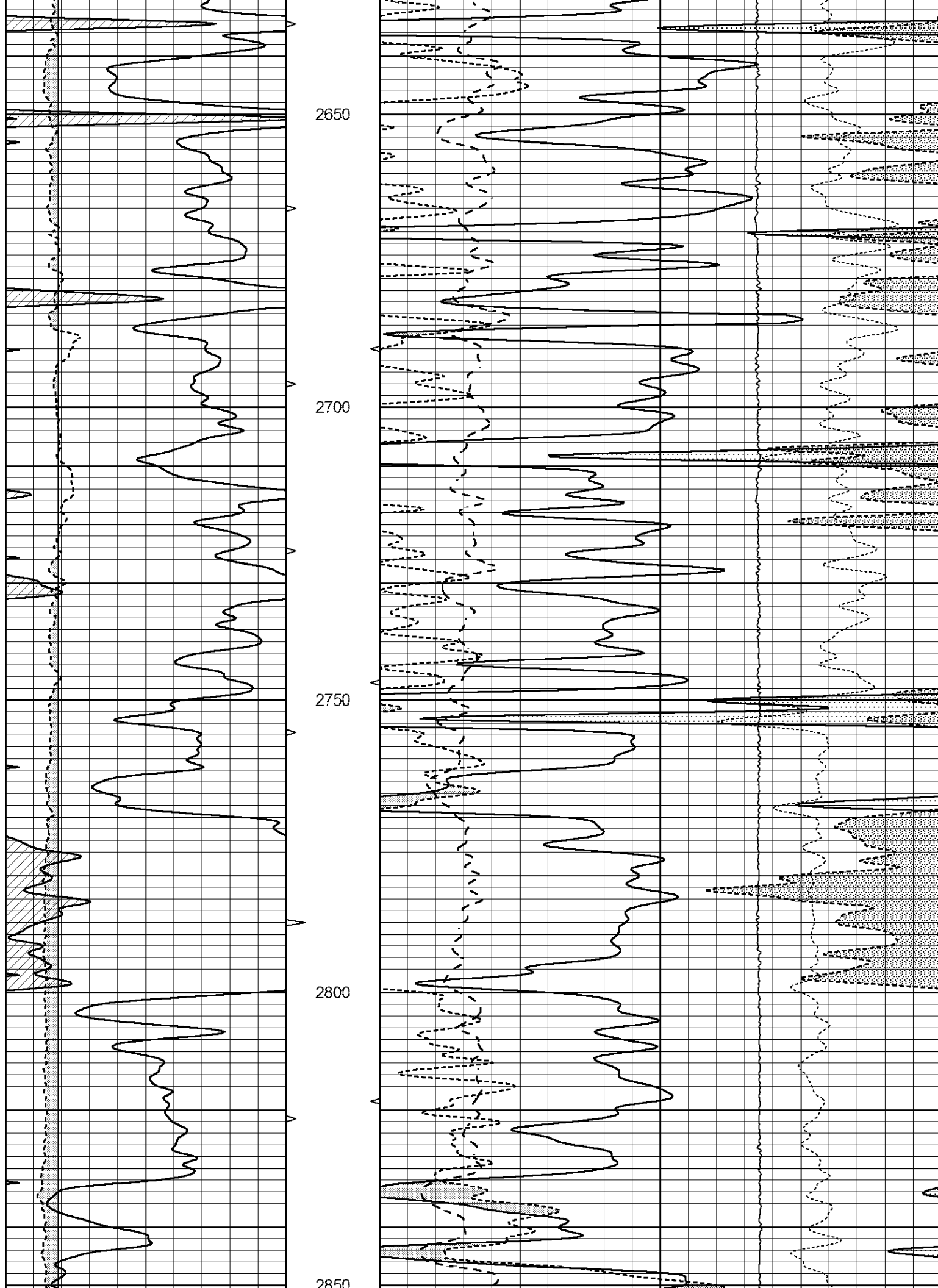
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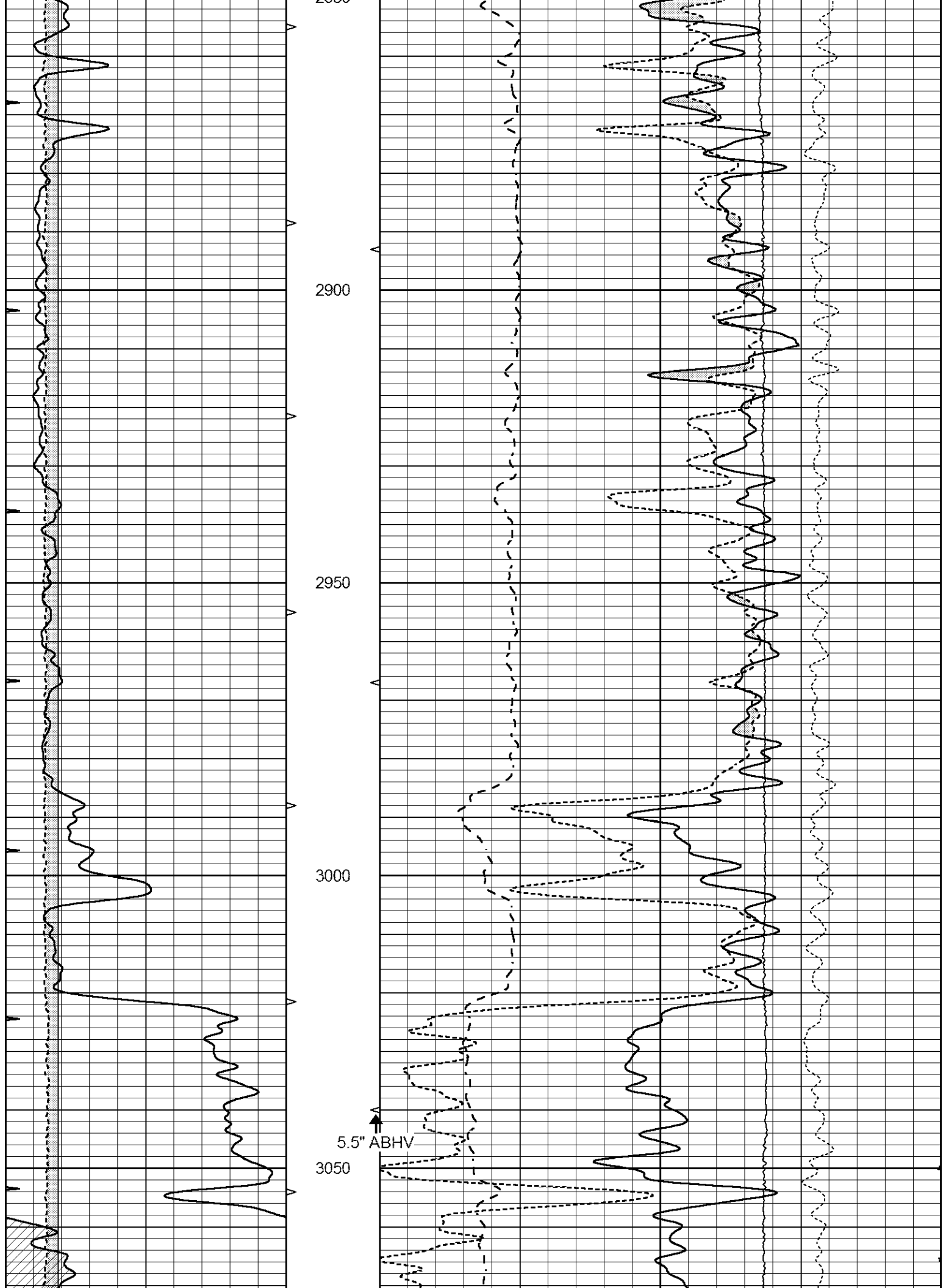
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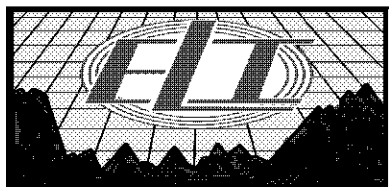
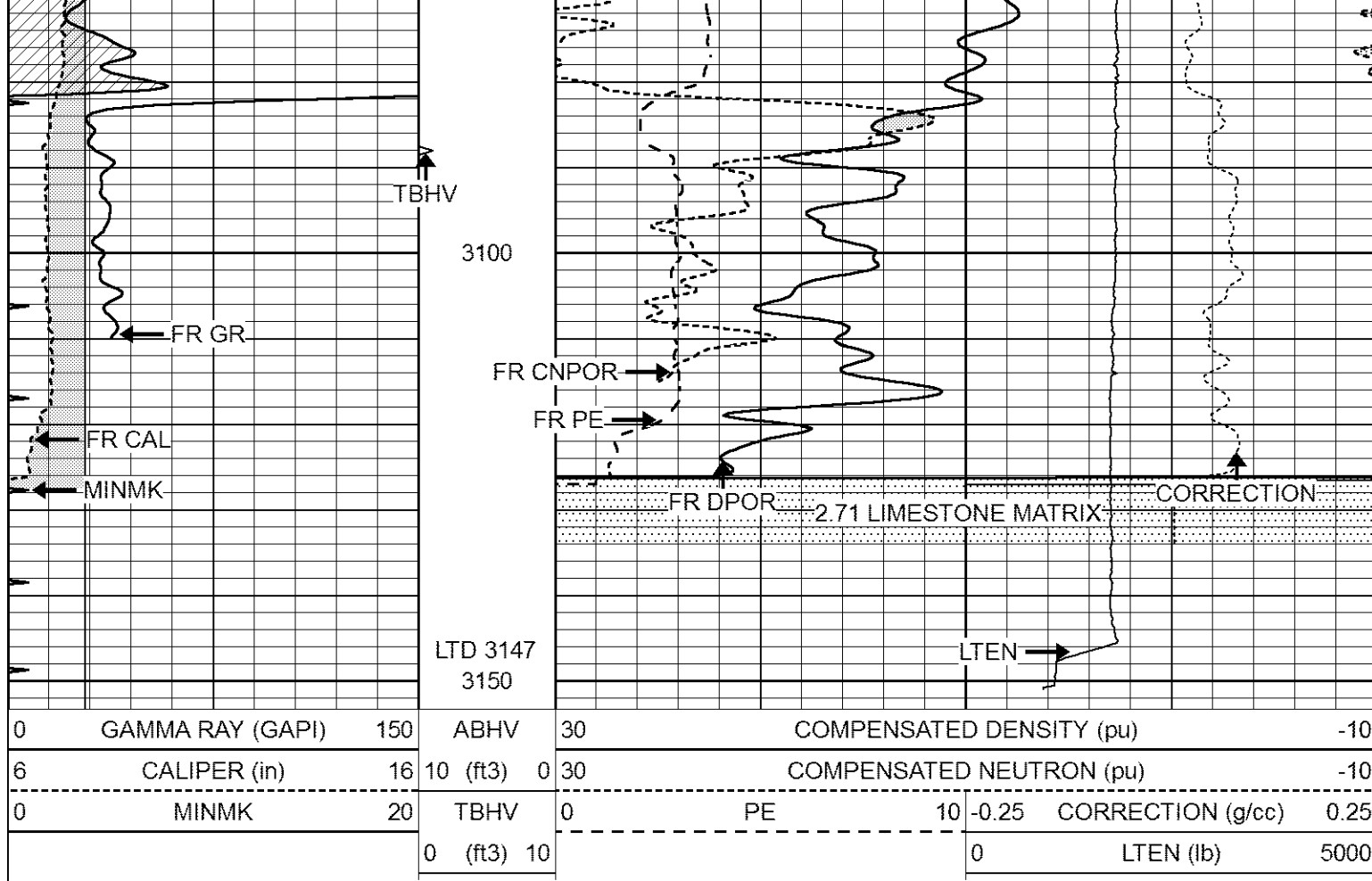
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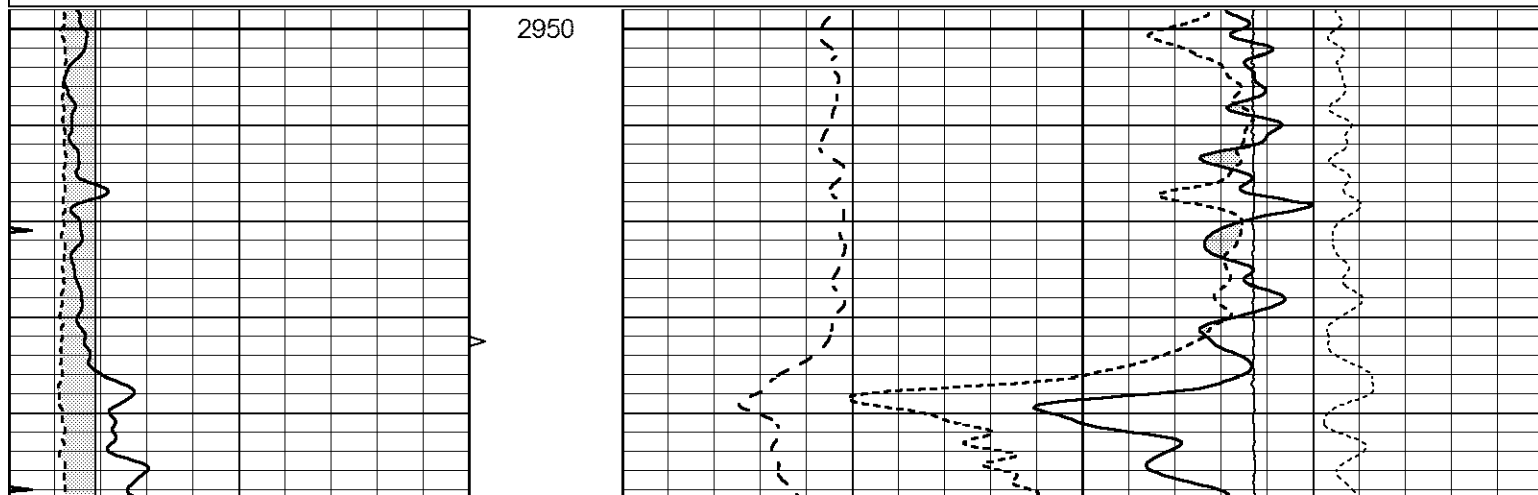


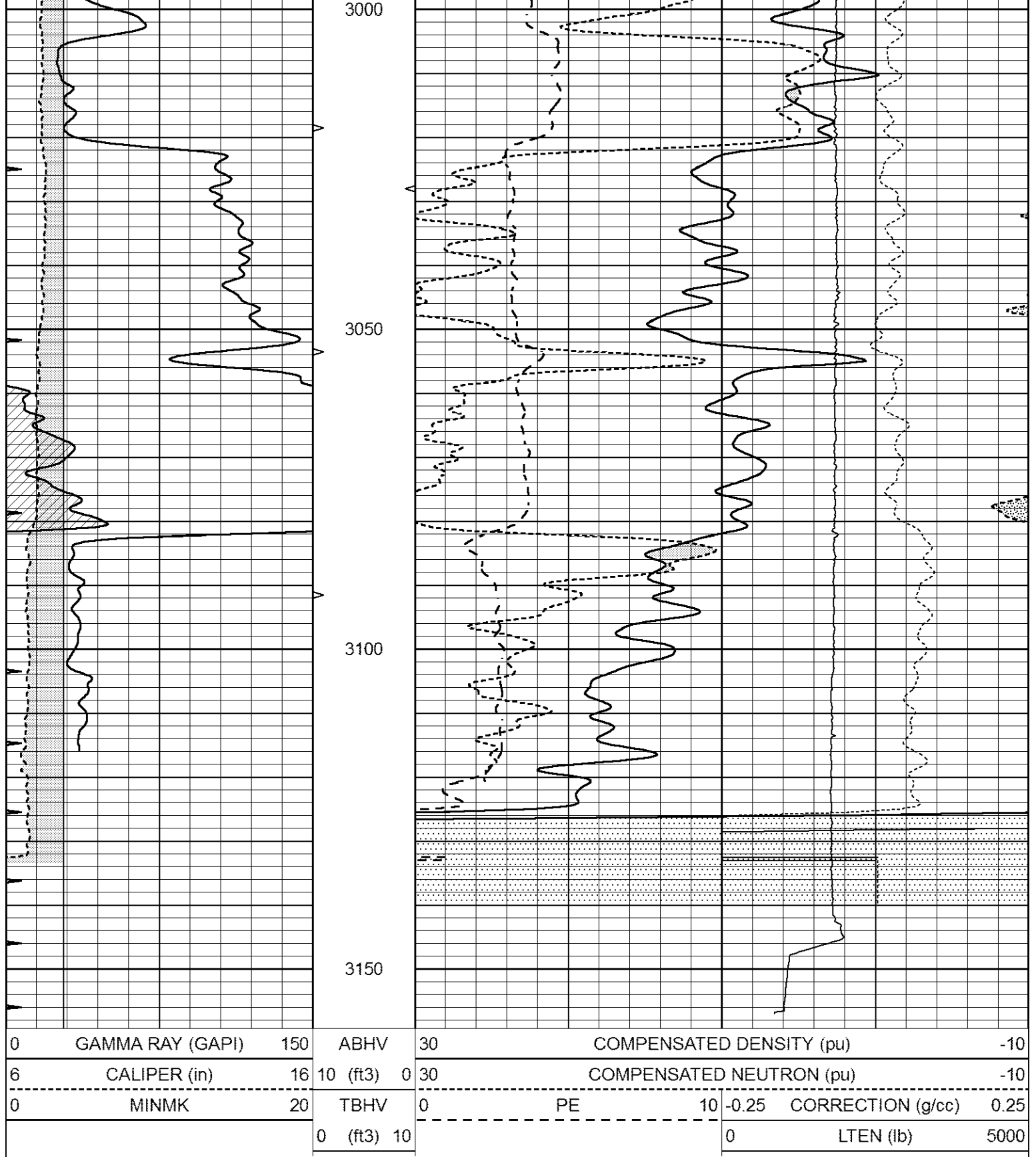


REPEAT SECTION

Database File 7381pe.db
 Dataset Pathname pass2.3
 Presentation Format _ldt_neu
 Dataset Creation Fri Nov 25 04:14:05 2022
 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		0	LTEN (lb) 5000





Calibration Report

Database File 7381pe.db
 Dataset Pathname pass3.4
 Dataset Creation Fri Nov 25 03:31:30 2022

Dual Induction Calibration Report

Serial-Model: FW1410-55-Probe
 Surface Cal Performed: Thu Jun 30 01:48:00 2022
 Downhole Cal Performed: Tue Feb 19 11:44:24 2019

Surface Calibration								
Readings			References			Results		
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.011	0.656	V	1.000	400.000	mmho/m	650.000	-3.000
Medium	-0.000	0.731	V	1.000	464.000	mmho/m	632.856	-10.500
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.007	0.649	V	0.000	400.000	mmho/m	623.784	-4.595
Medium	0.004	0.743	V	0.000	464.000	mmho/m	627.284	-2.251

Downhole Calibration								
Readings			References			Results		
	Zero	Cal		Zero	Cal		m'	b'
Deep	-0.824	395.917	mmho/m	-0.976	397.550	mmho/m	1.004	-0.149
Medium	3.565	471.327	mmho/m	3.468	471.590	mmho/m	1.001	-0.099
LL3		7.503	V		1500.000	Ohm-m		
		0.001	V		20.000	Ohm-m		
		-7.481	V		3745.000	mmho-m		

After Survey Verification								
Readings			Targets			Results		
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	-0.824	395.917	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	3.565	471.327	mmho/m	1.000	0.000
LL3		0.000	Ohm-m		1500.000	Ohm-m		
		0.000	Ohm-m		20.000	Ohm-m		
		0.000	mmho-m		3745.000	mmho-m		

Litho Density Calibration Report

Serial: 140704

Model: V4_10P

Source Number: 74GBq-19

Master Calibration				Performed: Tue Oct 25 14:02:07 2022			
	Background	Aluminum	Magnesium				
Window 1	501.98	5377.33	23235.87	cps			
Window 2	38.66	1167.13	5462.52	cps			
Window 4	219.95	1265.38	5296.65	cps			
Window 5	535.47	7345.58	14269.59	cps			
Window 6	42.48	1172.64	2113.12	cps			
Window 8	252.82	2368.74	4743.90	cps			
Bulk Density	-	2.6020	1.6830	g/cc			
Pe	-	3.0000	2.5070	b/e			
LS Alpha:	: -1.8018	SS Alpha:	: -0.8503	LS CPE:	: 1.2527		
LS Beta:	: 116585.8005	SS Beta:	: 19984.2984	SS CPE:	: 1.5732		

Before Survey Background Counts Verification				Performed: Wed Dec 31 18:00:00 1969			
Window 1	0.00	cps					
Window 2	0.00	cps					
Window 4	0.00	cps					
Window 5	0.00	cps					
Window 6	0.00	cps					

Window 6	0.00	cps
Window 8	0.00	cps

After Survey Background Counts Verification		Performed: Wed Dec 31 18:00:00 1969	
Window 1	0.00	cps	
Window 2	0.00	cps	
Window 4	0.00	cps	
Window 5	0.00	cps	
Window 6	0.00	cps	
Window 8	0.00	cps	

Lithodensity Caliper Calibration		Performed: Tue Oct 25 14:02:07 2022	
Results	Readings	References (in)	
Low	High	Low	High
9378.6	12243.0	8.0	14.0
		Gain	Offset
		0.0	-11.8

Before Survey Caliper Verification		Performed:	
	Reference	Reading	
	_____	_____	
Caliper (in)			

After Survey Caliper Verification		Performed:	
	Reference	Reading	
	_____	_____	
Caliper (in)			

Compensated Neutron Calibration Report			
Serial Number:		080621PMC	
Tool Model:		NABORS	

PRE-SURVEY VERIFICATION			
Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu

POST-SURVEY VERIFICATION			
Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu

Gamma Ray Calibration Report			
Serial Number:	7		
Tool Model:	Probe1		
Performed:	Thu May 26 08:56:46 2022		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	1.0	cps	
Sensitivity:	0.5500	GAPI/cps	

