MICROLOG

Company W.D. SHORT OIL CO., LLC
Well BROWN # 15
Field ALBRIGHT
County COWLEY
State KANSAS

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Well BROWN # 15
Field ALBRIGHT
County COWLEY
State KANSAS

Location: API # : 15-035-24773-00-00
SW NE SW SE
760' FSL & 1950' FEL
SEC 2 TWP 34S RGE 5E

Other Services
ILD
CDLN

Elevation
K.B. 1274
D.F. 1273
G.L. 1262

Permanent Datum	GL	Elevation	1262
Log Measured From	KB	12	
Drilling Measured From	KB		

Date	9-30-2022		
Run Number	ONE		
Depth Driller	3435		
Depth Logger	3437		
Bottom Logged Interval	3435		
Top Log Interval	SURFACE		
Casing Driller	8.625" @ 213'		
Casing Logger	8.625" @ 225'		
Bit Size	7.875"		
Type Fluid in Hole	MUD		
Density / Viscosity	9.5 / 53		
pH / Fluid Loss	10.2 / 9.3		
Source of Sample	PIT		
Rm @ Meas. Temp	1.75 @ 70		
Rmf @ Meas. Temp	1.4 @ 70		
Rmc @ Meas. Temp	2.1 @ 70		
Source of Rmf / Rmc	CALCULATED		
Rm @ BHT	1.05 @ 110		
Time Circulation Stopped	12:00 AM		
Time Logger on Bottom	4:00 AM		
Maximum Recorded Temperature	110		
Equipment Number	OW2		
Location	HOMINY, OK		
Recorded By	SHELDON TYLER		
Witnessed By	MR. WOLFE		

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Comments

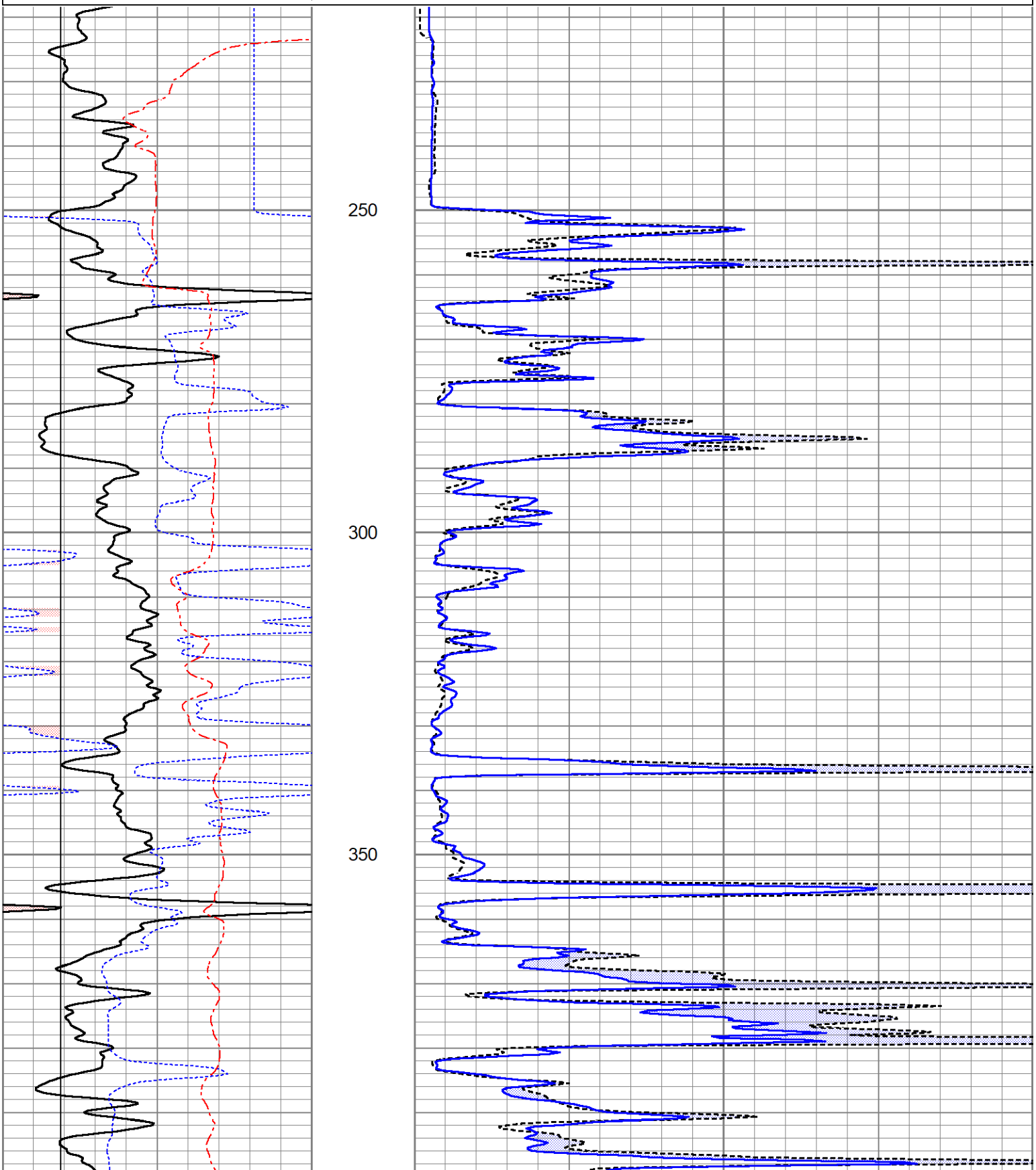
FILE # OW2-9136 W.D. SHORT OIL
KIDD, TAFT
THANK YOU FOR USING OSAGE WIRELINE

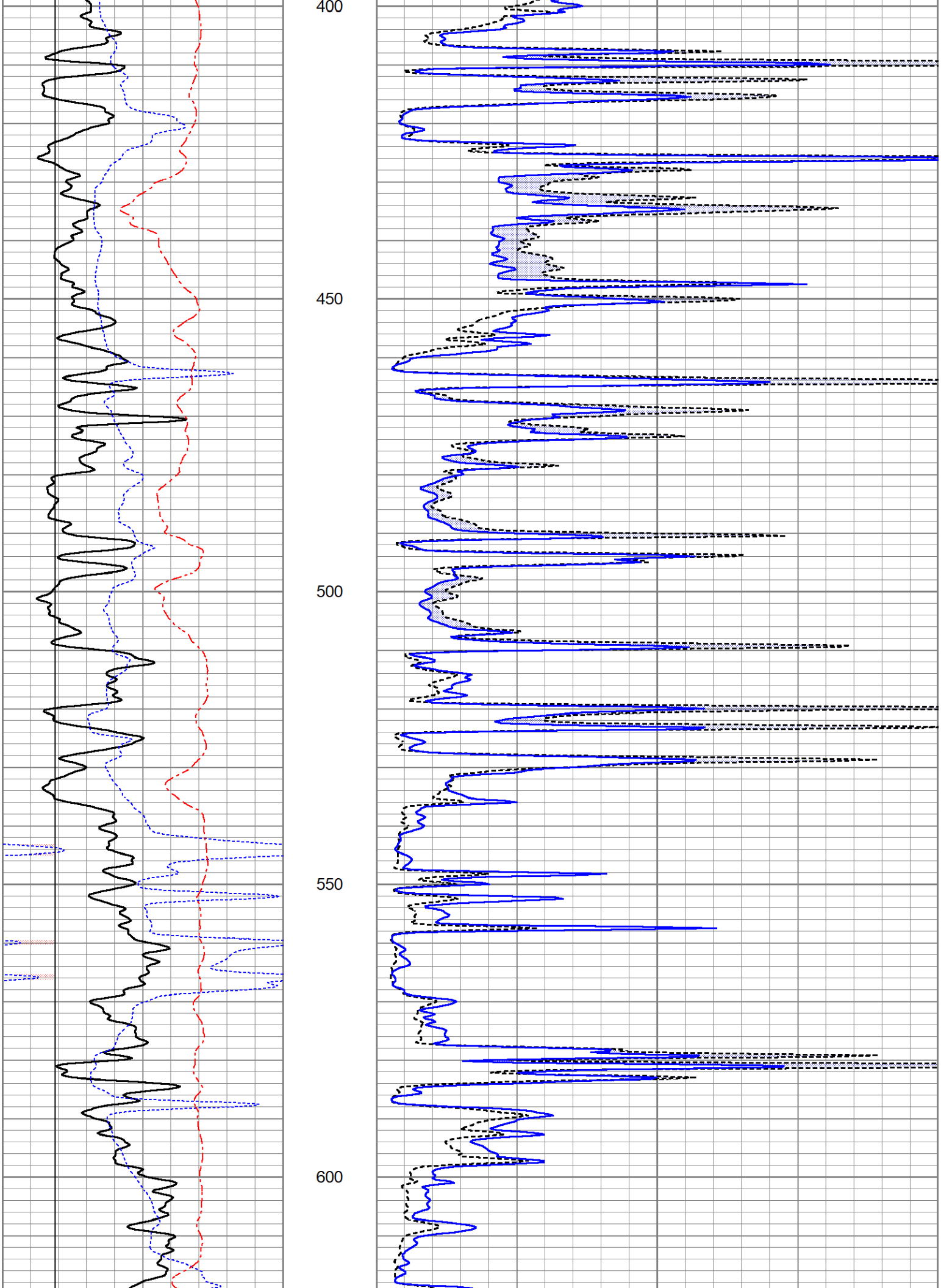
5" MICROLOG

Database File	ow2-9136 wd short.db
Dataset Pathname	pass2.11
Presentation Format	st_digitalmicro_6-16
Dataset Creation	Fri Sep 30 07:07:56 2022
Charted by	Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150
6	Micro Caliper (in)	16
6	Bit Size (in)	16
0	*Spontanious Potential (mV)*	180

0	Micro Normal (Ohm-m)	40
0	Micro Inverse (Ohm-m)	40

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550
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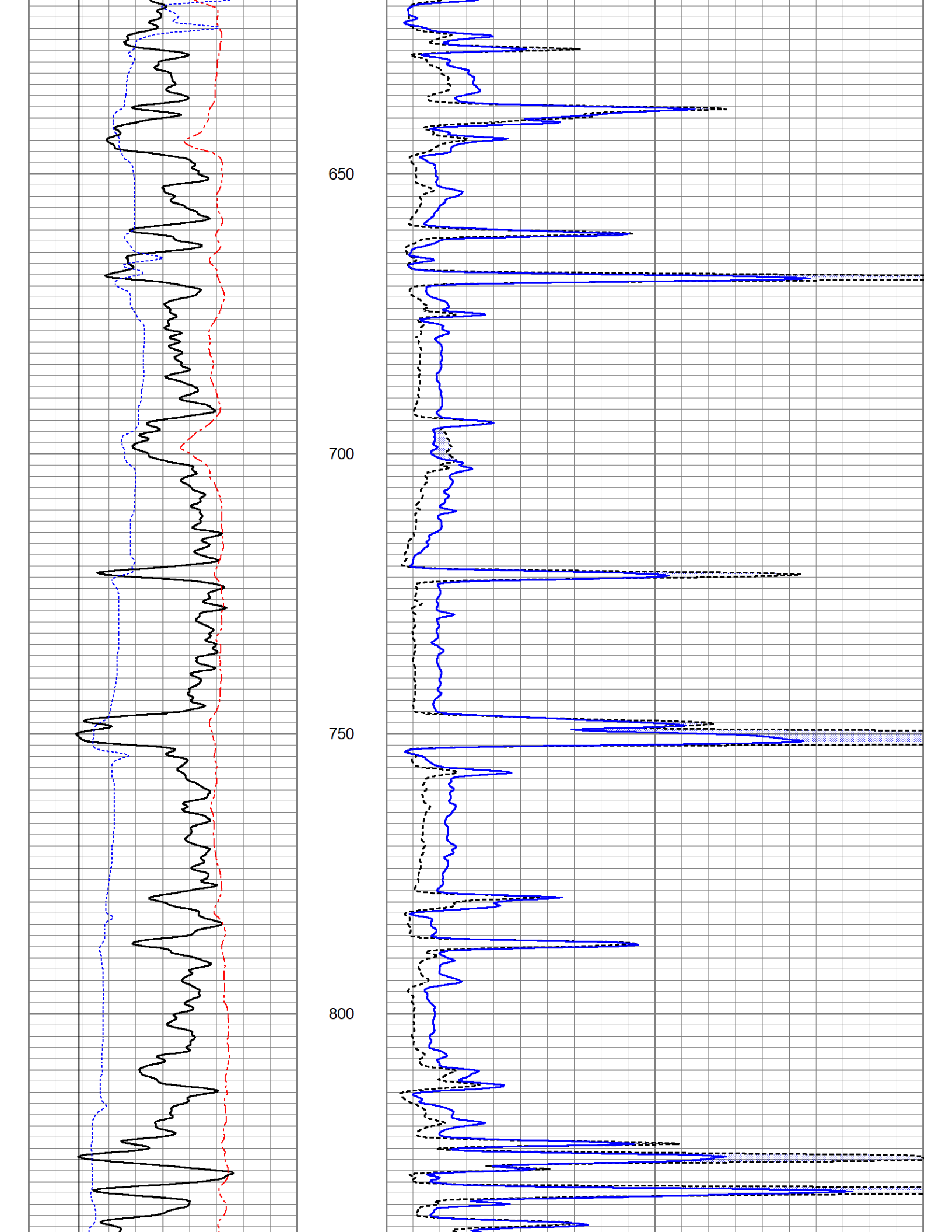
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750
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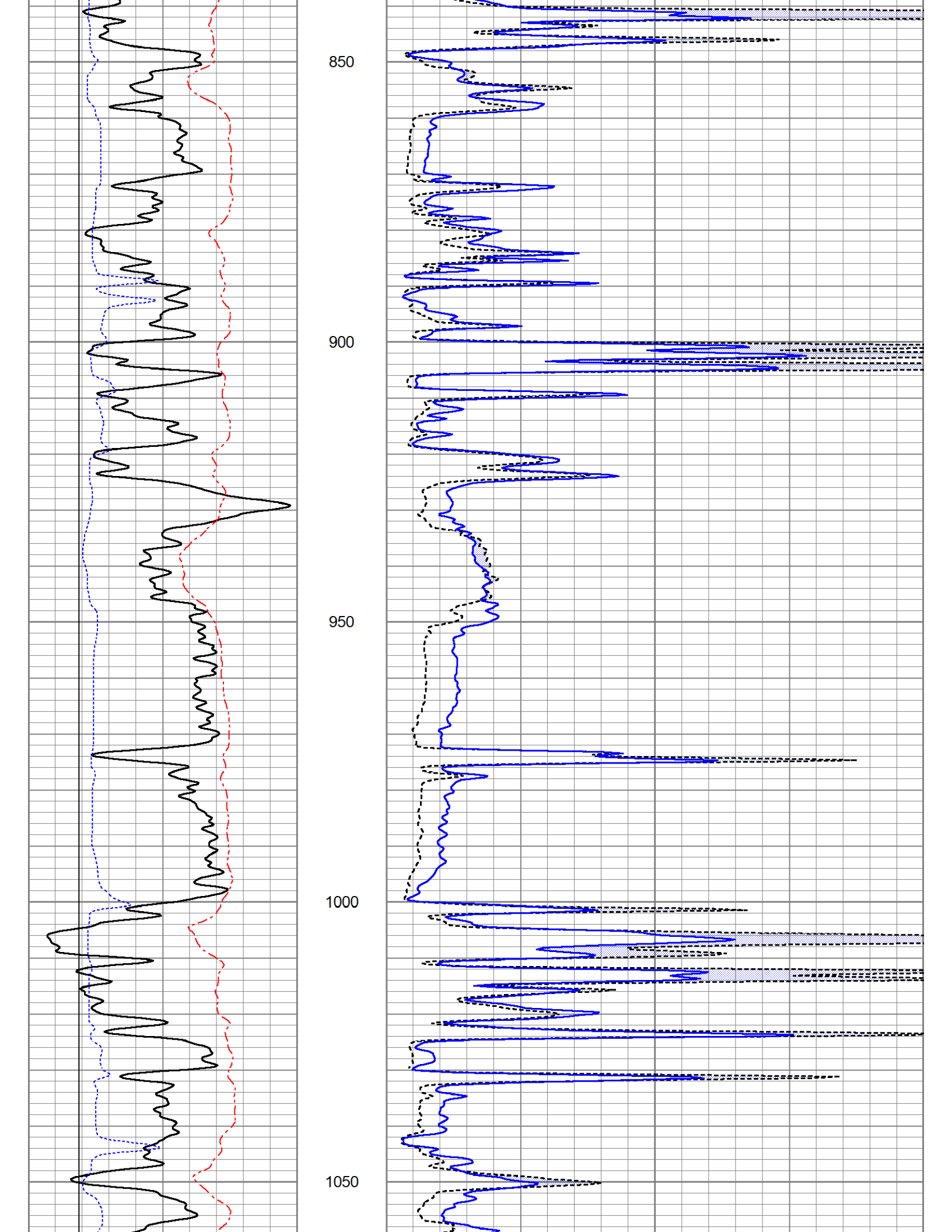
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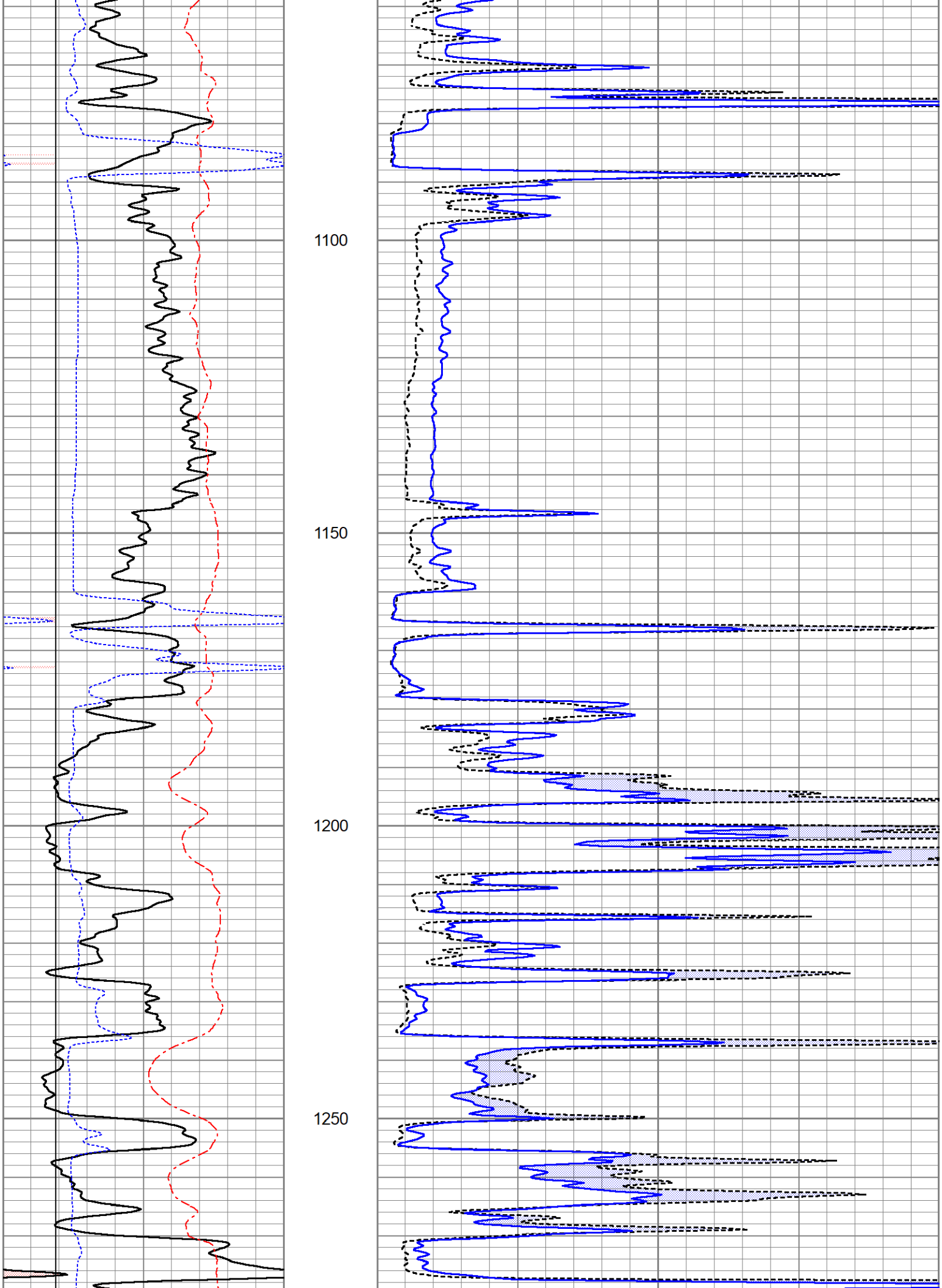
950
1000
1050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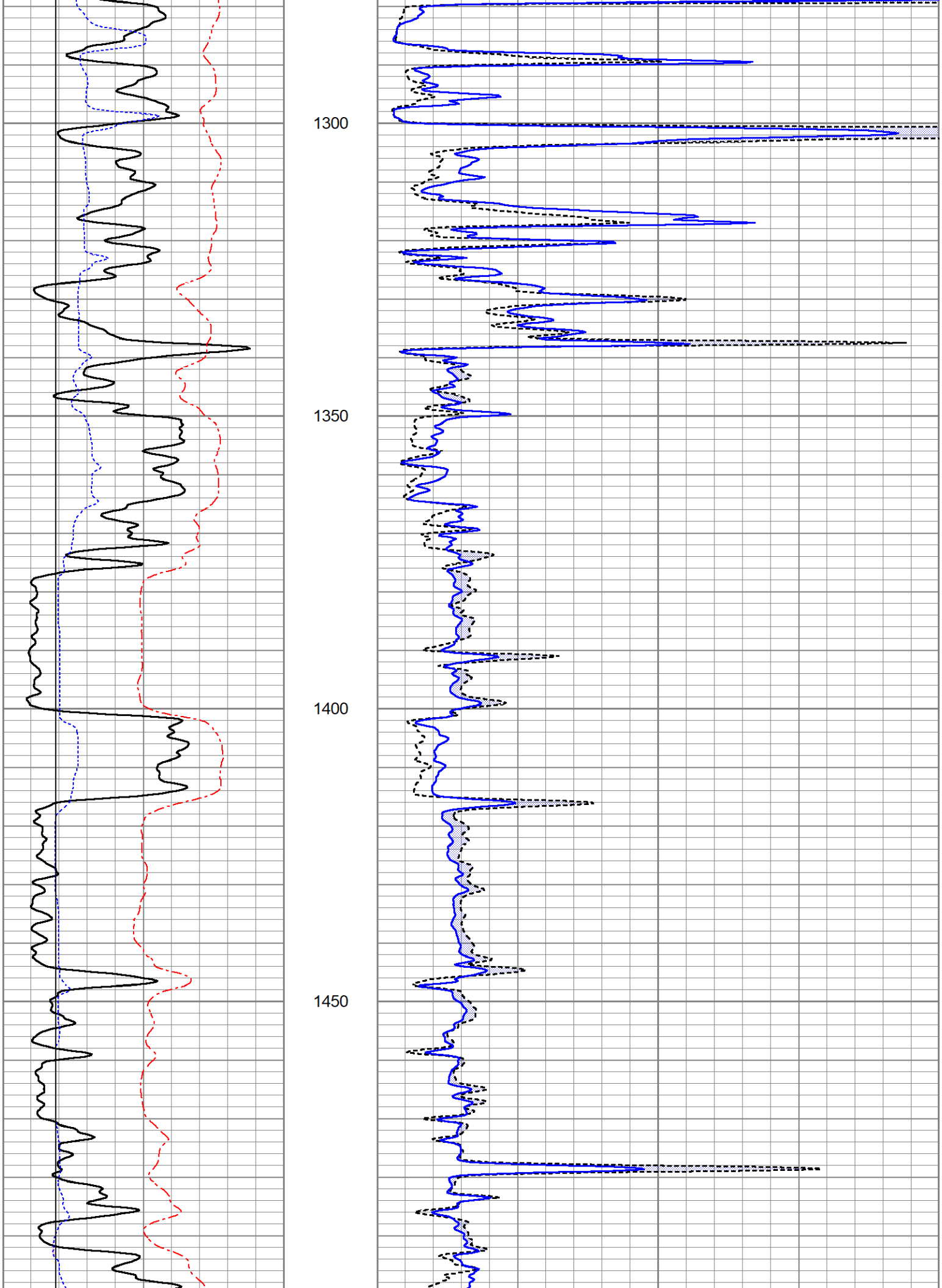
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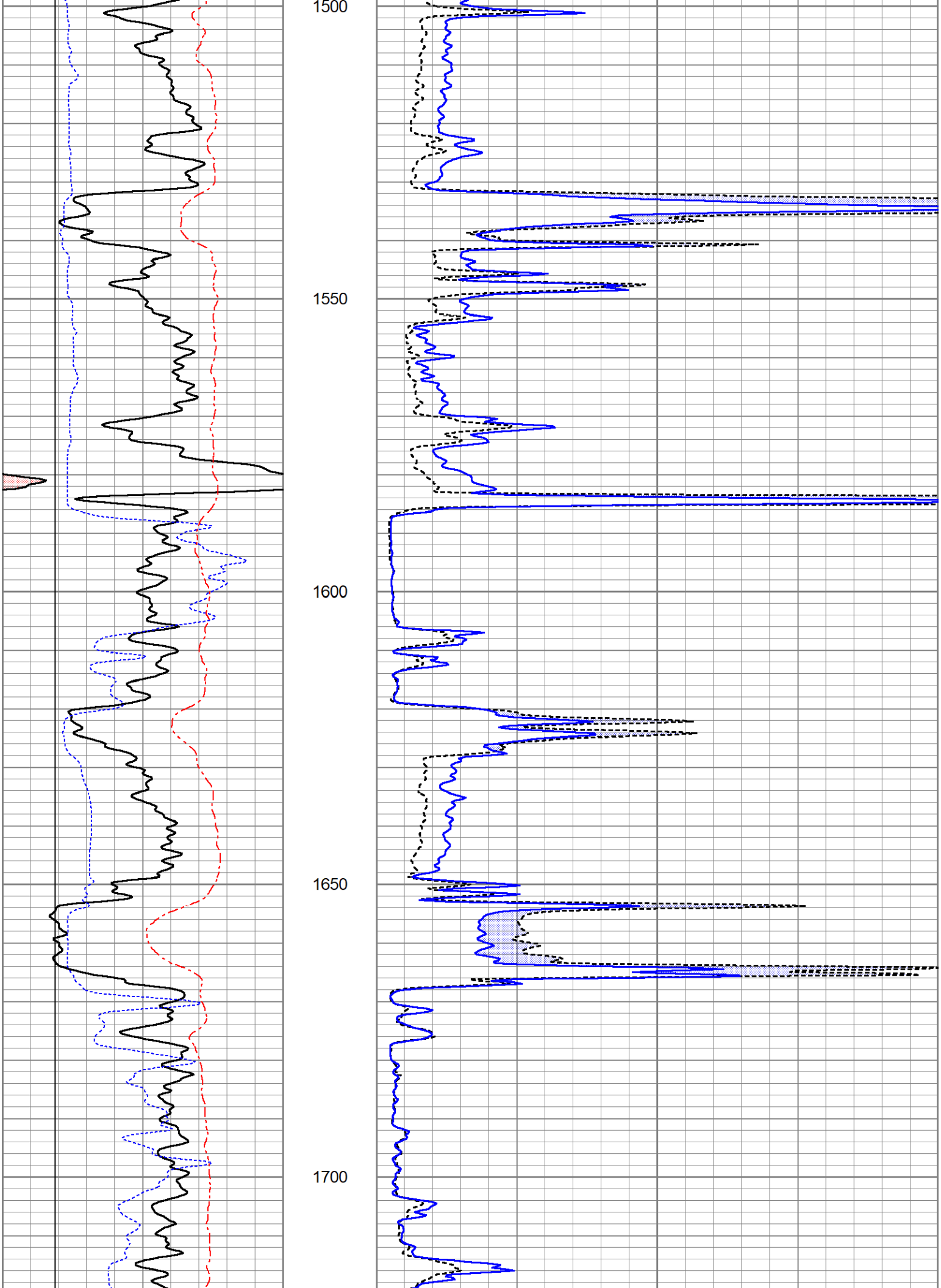
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1600
1650
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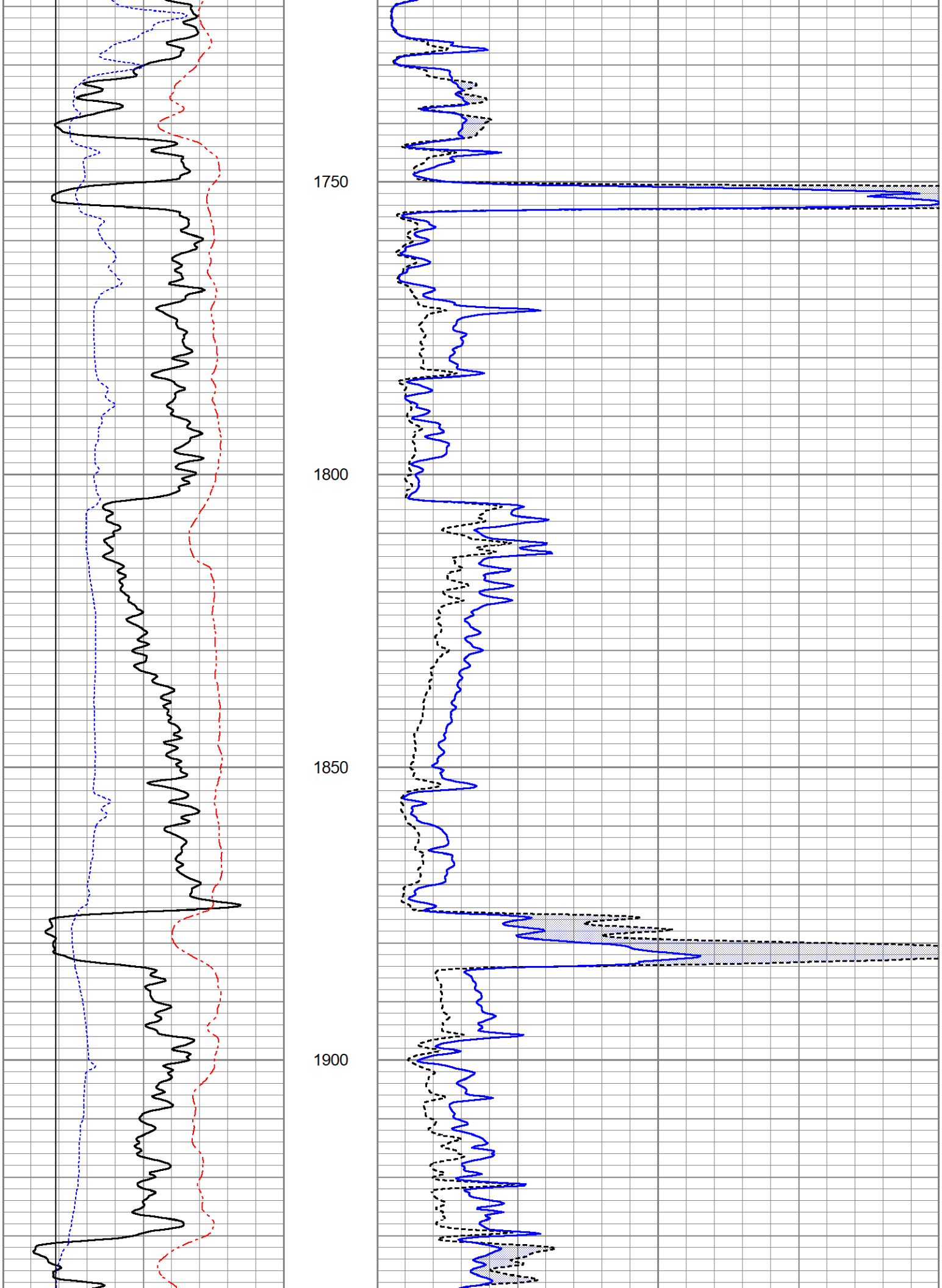
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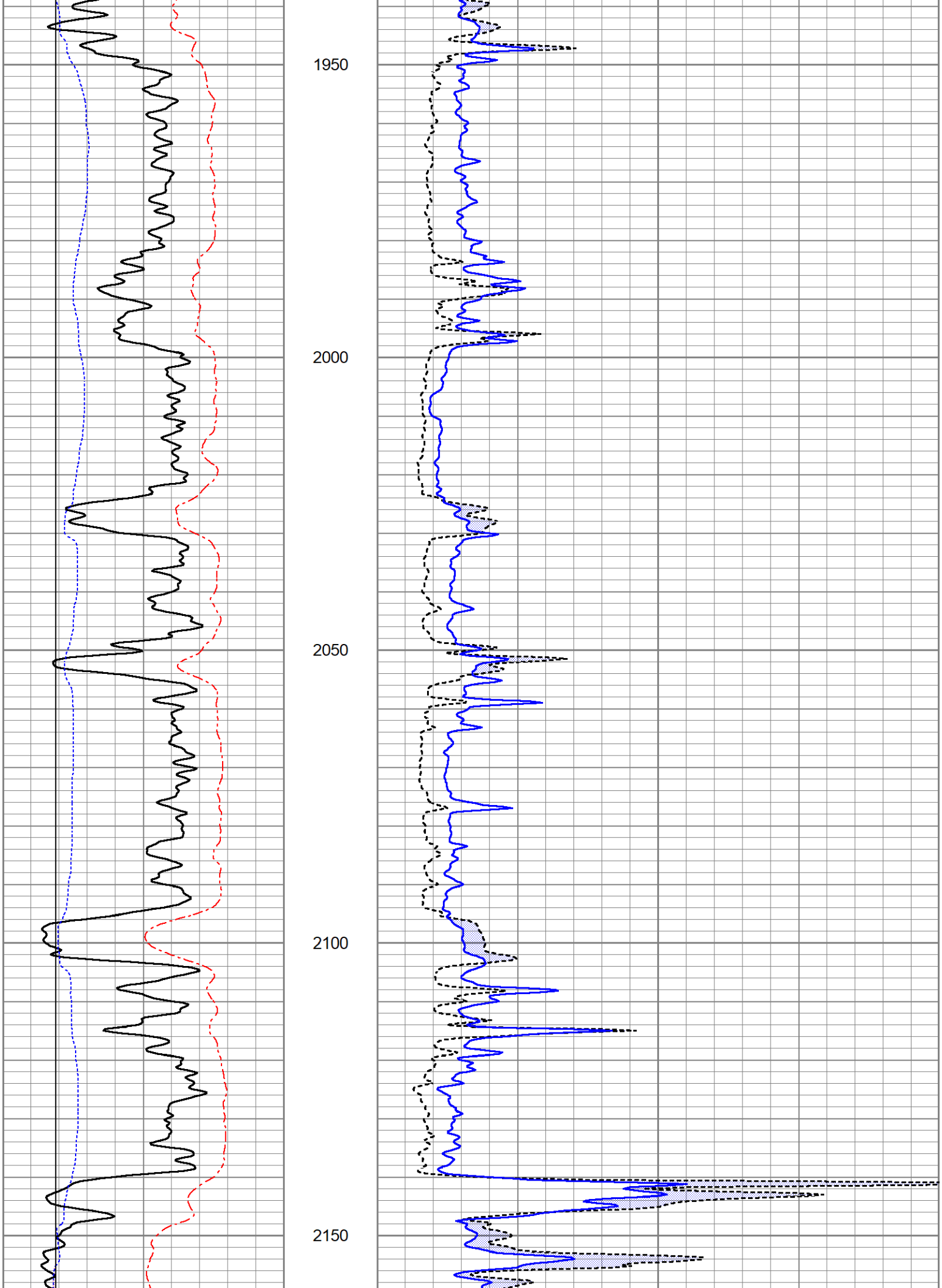
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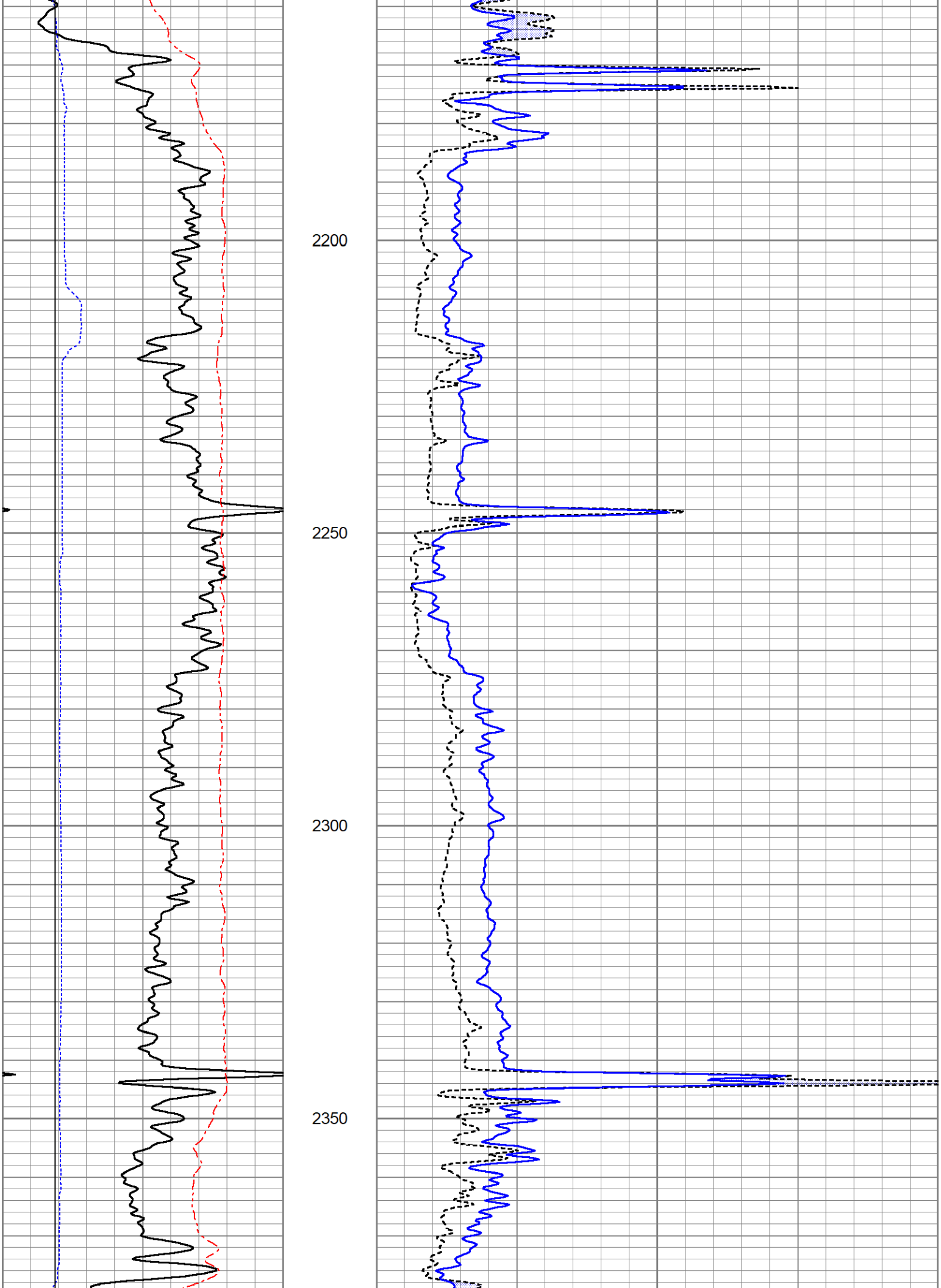
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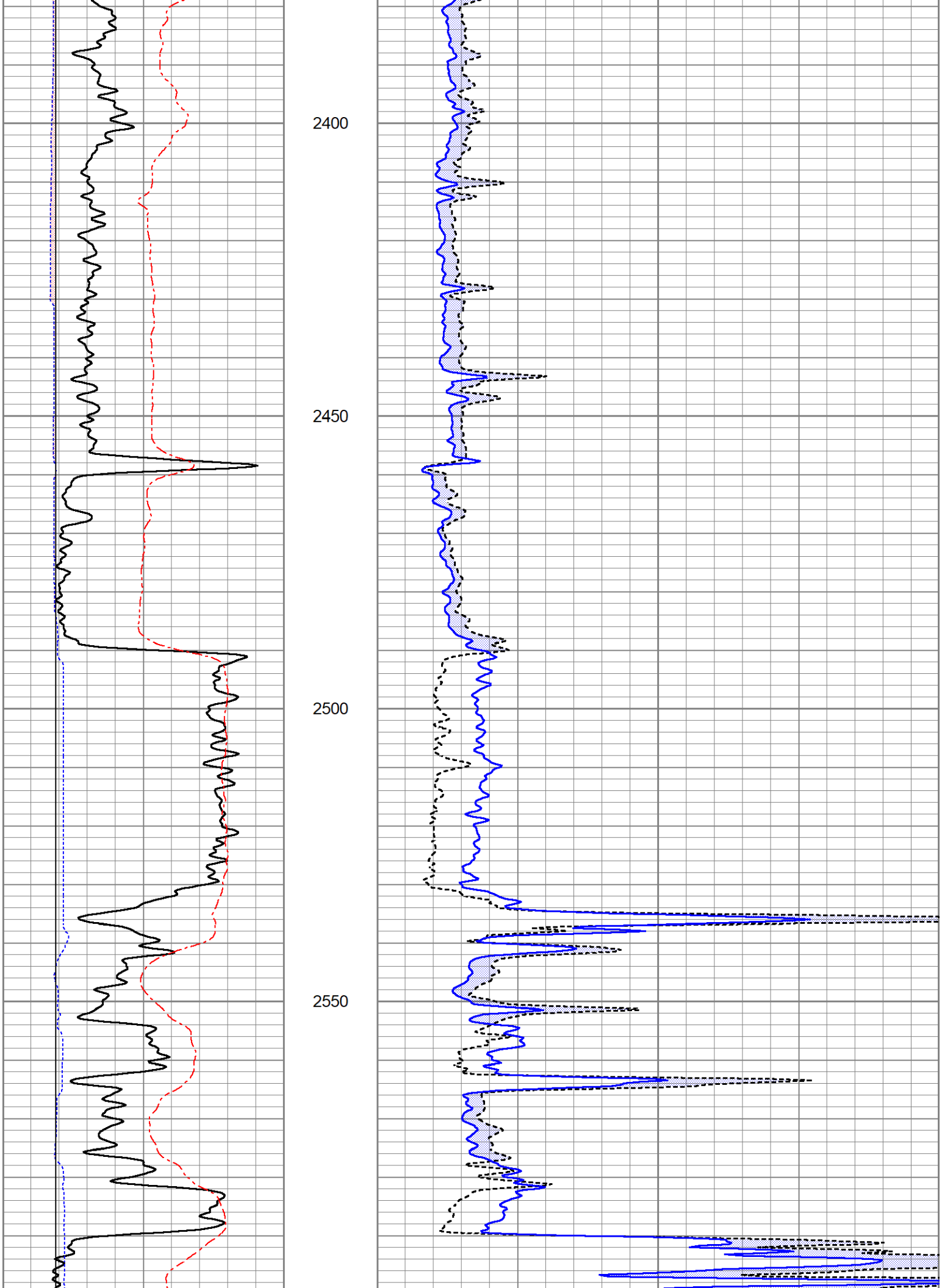
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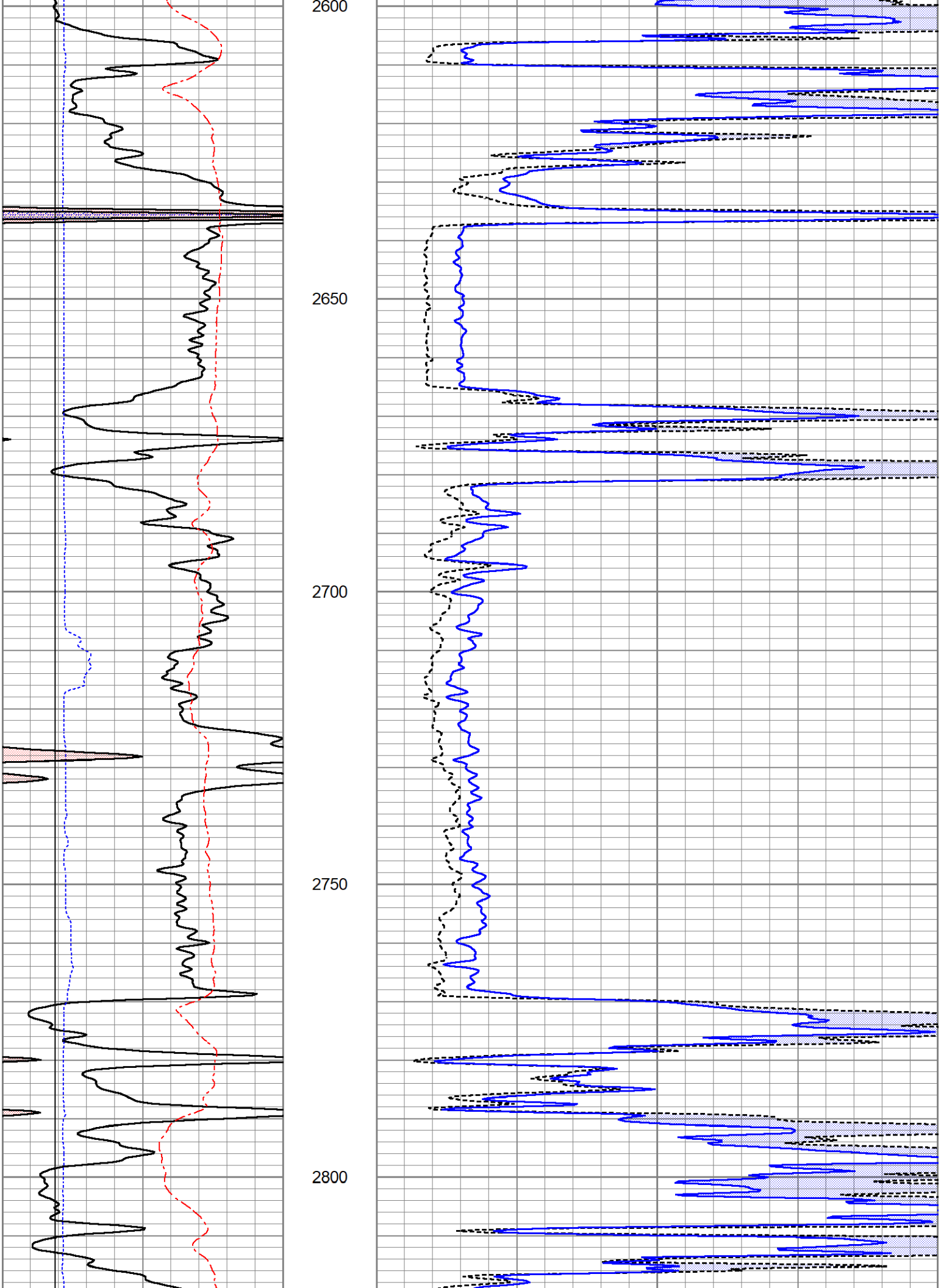
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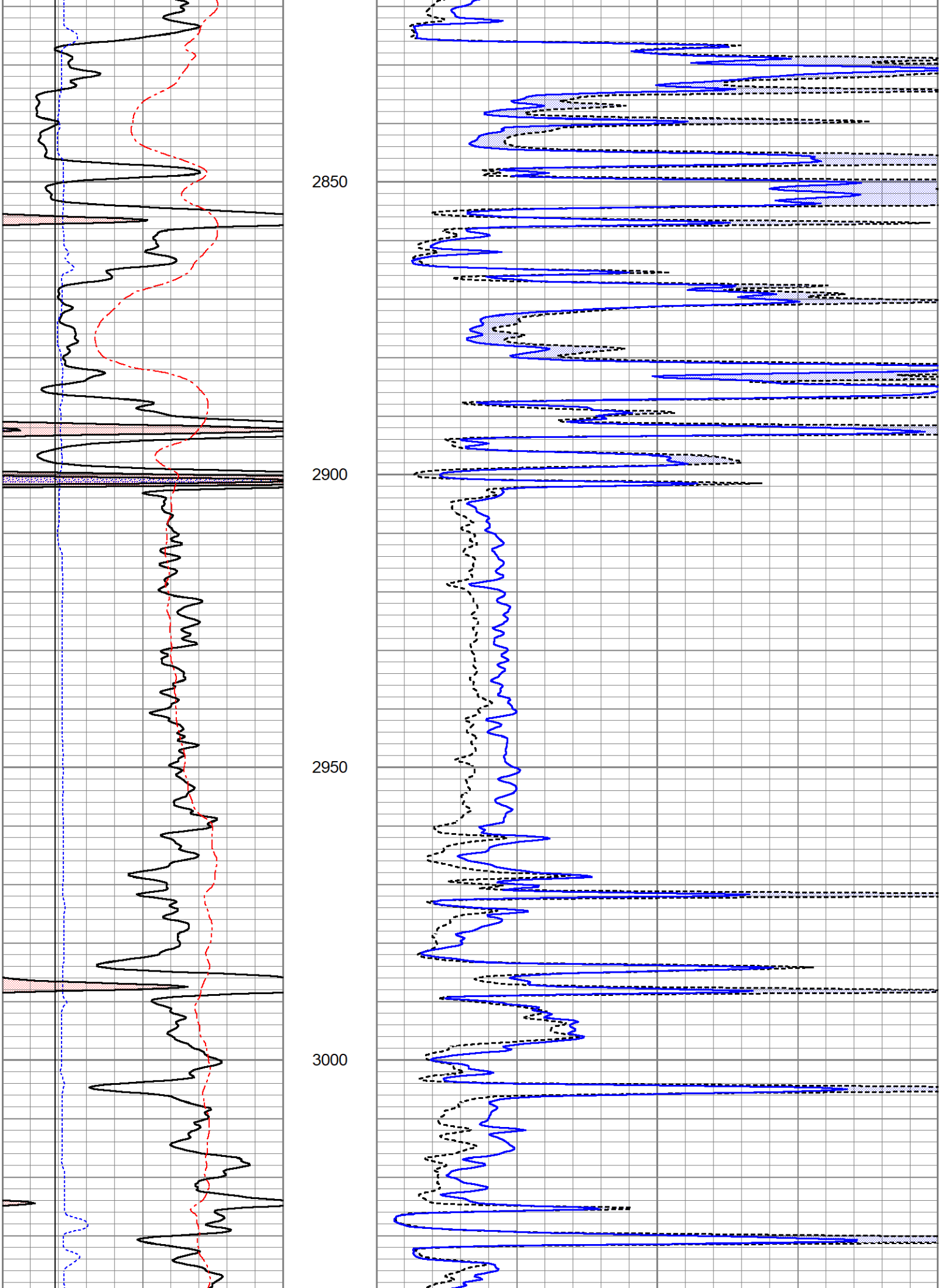
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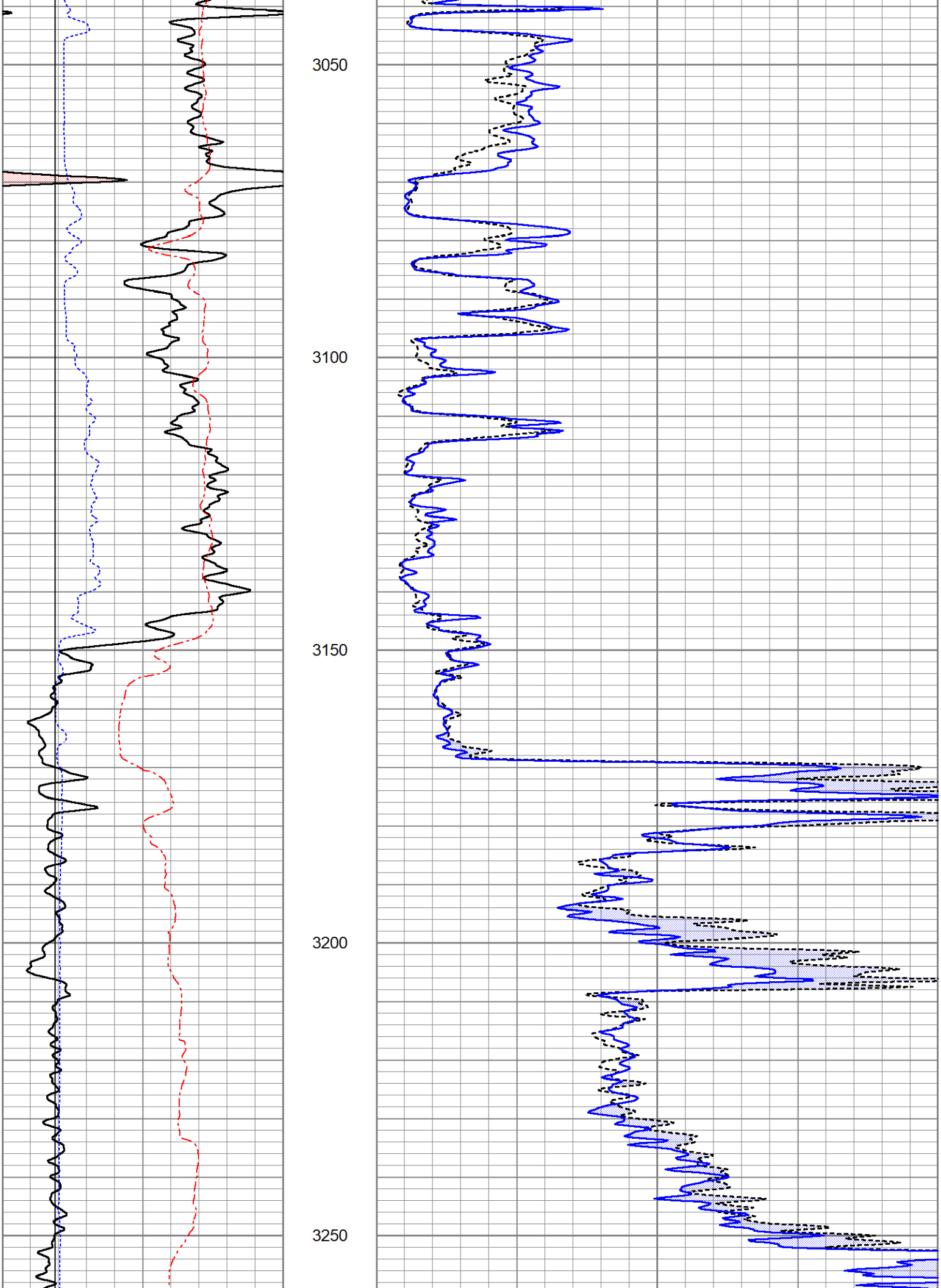
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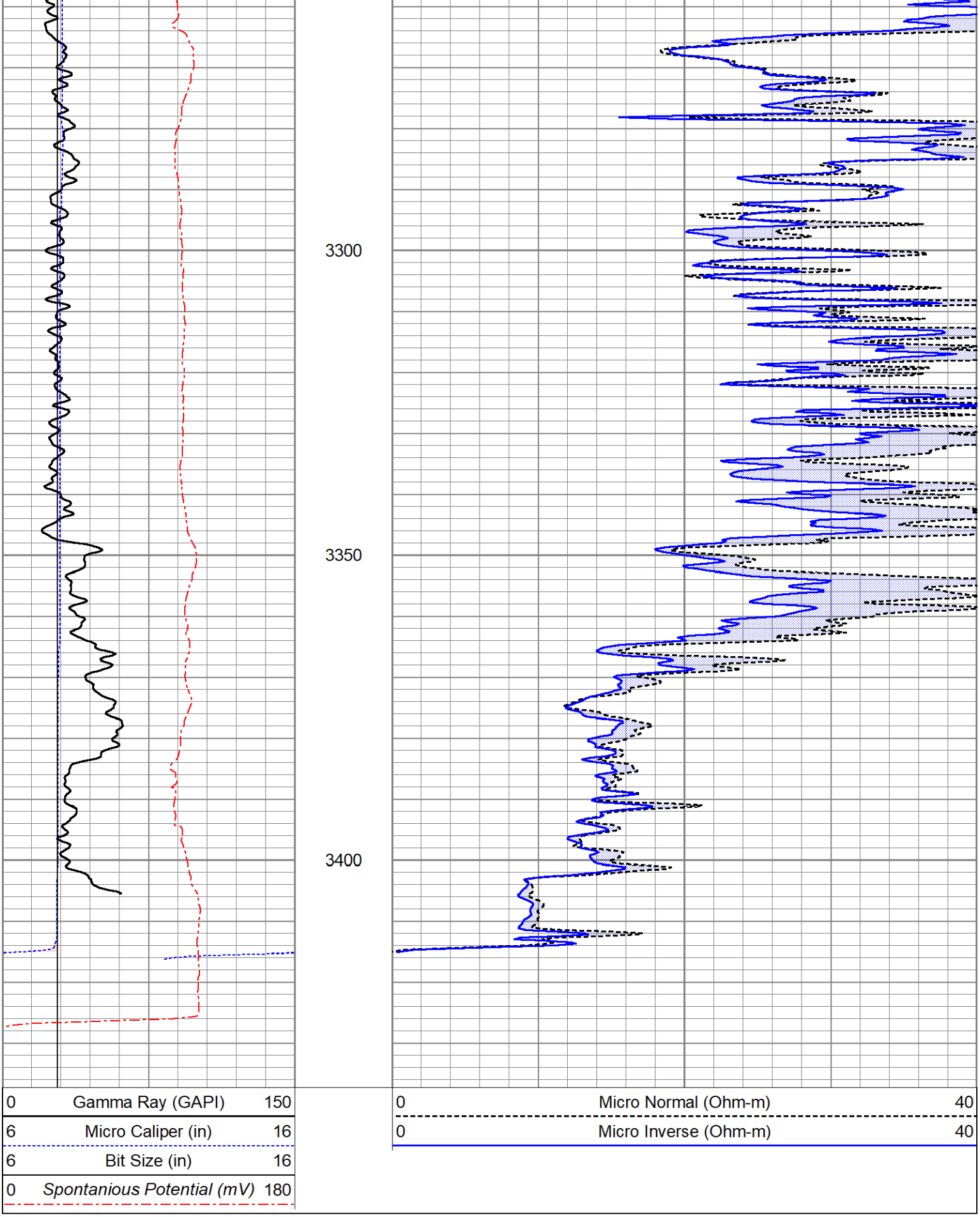

Calibration Report

Database File	ow2-9136 wd short.db
Dataset Pathname	pass2.11
Dataset Creation	Fri Sep 30 07:07:56 2022

Dual Induction Calibration Report

Serial-Model:	BlackTool-G
Surface Cal Performed:	Tue Aug 9 20:33:47 2022
Downhole Cal Performed:	Tue Nov 17 10:50:14 2020
After Survey Verification Performed:	Tue Nov 17 10:50:14 2020

Surface Calibration

	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.007	0.642	V	13.000	400.000	mmho/m	609.574	8.781
Medium	0.010	0.728	V	-12.500	450.000	mmho/m	643.489	-18.733
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.007	0.642	V	0.000	350.000	mmho/m	550.717	-3.768
Medium	0.010	0.729	V	0.000	550.000	mmho/m	764.510	-7.354

Downhole Calibration

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	-2.869	354.028	mmho/m	-0.044	350.323	mmho/m	0.982	2.773
Medium	-3.741	414.629	mmho/m	-0.037	400.340	mmho/m	0.957	3.543
LL3		9.500	V		2500.000	Ohm-m		
		0.000	V		20.000	Ohm-m		
		-9.500	V		5000.000	mmho-m		

After Survey Verification

	Readings			Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	-2.869	354.028	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	-3.741	414.629	mmho/m	1.000	0.000
LL3		0.000	Ohm-m		2.000	Ohm-m		
		0.000	Ohm-m		500.000	Ohm-m		
		0.000	mmho-m		1.000	mmho-m		

Microlog Calibration Report

Serial-Model:	070527-Osage
Performed:	Thu Sep 8 20:16:01 2022

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m	b
Normal	0.0019	0.0947	V	0.0000	10.0000	Ohm-m	107.7790	-0.2027
Inverse	-0.0034	0.0975	V	0.0000	10.0000	Ohm-m	99.0410	0.3414
Caliper	1.7618	4.3262	V	5.4500	11.2500	in	2.2618	1.4651

Inclinometer Calibration Report

Performed: Thu Oct 8 13:57:38 2020

	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	205.00	1843.00	-1.00	1.00	gee
Y Accelerometer	205.00	1843.00	-1.00	1.00	gee
Z Accelerometer					

gee

Gamma Ray Calibration Report

Serial Number:	Refurb01	
Tool Model:	OSAGE_01	
Performed:	Mon Jan 18 09:02:16 2021	
Calibrator Value:	150.0	GAPI
Background Reading:	125.0	cps
Calibrator Reading:	875.0	cps
Sensitivity:	0.2000	GAPI/cps

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb
ACCY	31.04					
ACCX	31.04		ADMYR_TELEMETRY-OSAGE_01 (Refurb01) Admyr Telemetry With Gr, Deviation, ADC board and Pulses Board in it.	3.69	3.25	53.00
GR	29.86					
FRAMES	28.54					
SSTAT	28.54					
PSTAT	28.54					
ASTAT	28.54					
			MICRO_DIG-Osage (070527) Digital Microlog	7.21	5.13	137.00
MI	23.00					
MN	23.00					
MCAL	22.00					
ASTAT2	21.33					
SP	10.92		DIL-G (BlackTool) Gearhart	21.33	4.00	290.00
CILD	10.92					
CILM	7.00					

RLL3	1.65					
TR_Mon	0.00					

Dataset:	ow2-9136 wd short.db: field/well/run1/pass2.11
Total length:	32.23 ft
Total weight:	480.00 lb
O.D.:	5.13 in