MIDWEST WIRELINE

BOREHOLE COMPENSATED SONIC LOG

Company Ritchie Exploration, Inc.
Well Stucky-Dirks #1
Field Wildcat
County Lane State Kansas

Location: API #: 15-101-22657-00-00
290 FNL & 1502 FEL
SEC 33 TWP 19S RGE 30W

Other Services
DIL/MEL
CNL/CDL

Elevation
K.B. 2910
D.F.
G.L. 2905

Permanent Datum Ground Level Elevation 2905
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing

Date	9/22/2021
Run Number	Two
Type Log	BHCS
Depth Driller	4740
Depth Logger	4730
Bottom Logged Interval	4719
Top Logged Interval	250
Type Fluid In Hole	Chemical
Salinity, PPM CL	3300
Density	8.8
Level	Full
Max. Rec. Temp. F	123
Operating Rig Time	4 Hours
Equipment -- Location	P-108 | HAYS
Recorded By	J. Henrickson
Witnessed By	Max Lovely

Borehole Record

Run No.	Bit	From	To
One	12.25	0	255
Two	7.875"	255	TD

Casing Record

Size	Wgt.	From	To
8.625	24	0	255

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All interpretations are opinions based on inferences from electrical or other measurements and Midwest Wireline LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Midwest Wireline LLC will not 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.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

Amy Kansas
South on 250 to 70 Rd, 1 1/4 West, South Into

Log Measured From: Kelly Bushing 5 Ft. Above Permanent Datum

THANK YOU FOR USING MIDWEST WIRELINE LLC
785-625-3858

Your Midwest Wireline Crew	This Log Record Was Witnessed By
Engineer: J. Henrickson	Primary Witness: Max Lovely
Operator:	Secondary Witness:
Operator:	Secondary Witness:
Operator:	Secondary Witness:

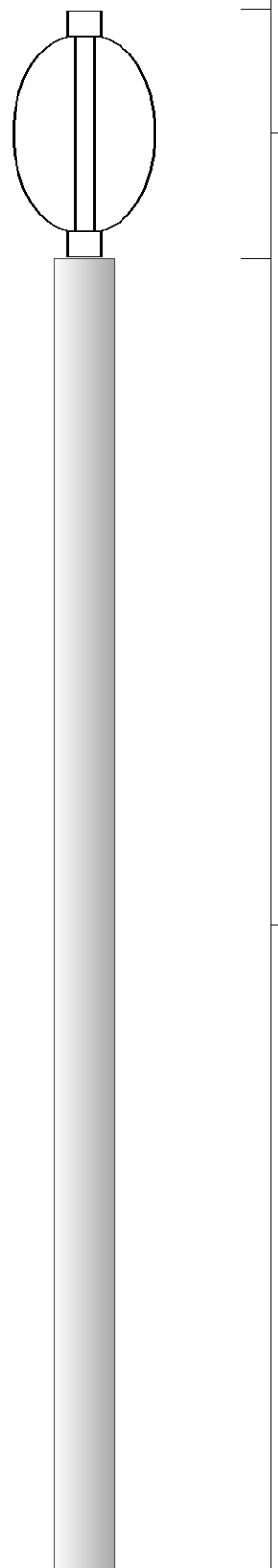
Log Variables

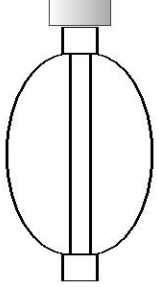
DatabaseC:\ProgramData\Warrior\Data\ritchie_stucky_dirks_1.db
Dataset field/well/stackml/pass4.1/_vars_

Top - Bottom

A	BOREID in	BOTTEMP degF	CASEOD in	CASETHCK in	FLUIDDEN g/cc	M	MATRXDEN g/cc
1	7.875	123	5.5	0	1	2	2.71

NPORSEL	PERFS	SNDERR mmho/m	SNDERRM mmho/m	SPSHIFT mV	SRFTEMP degF	SZCOR	TDEPTH ft
Limestone	0	-5	0	340	0	Off	0

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb
			CENT-SIE	3.00	2.00	10.00
WVF4	11.00		SLT-PENGO (0001)	16.00	3.50	300.00
WVF1	11.00					
WVF3	9.00					
WVF2	9.00					



		CENT-SIE	3.00	2.00	10.00

Dataset: ritchie_stucky_dirks_1.db: field/well/sonic/pass2
Total length: 22.00 ft
Total weight: 320.00 lb
O.D.: 3.50 in

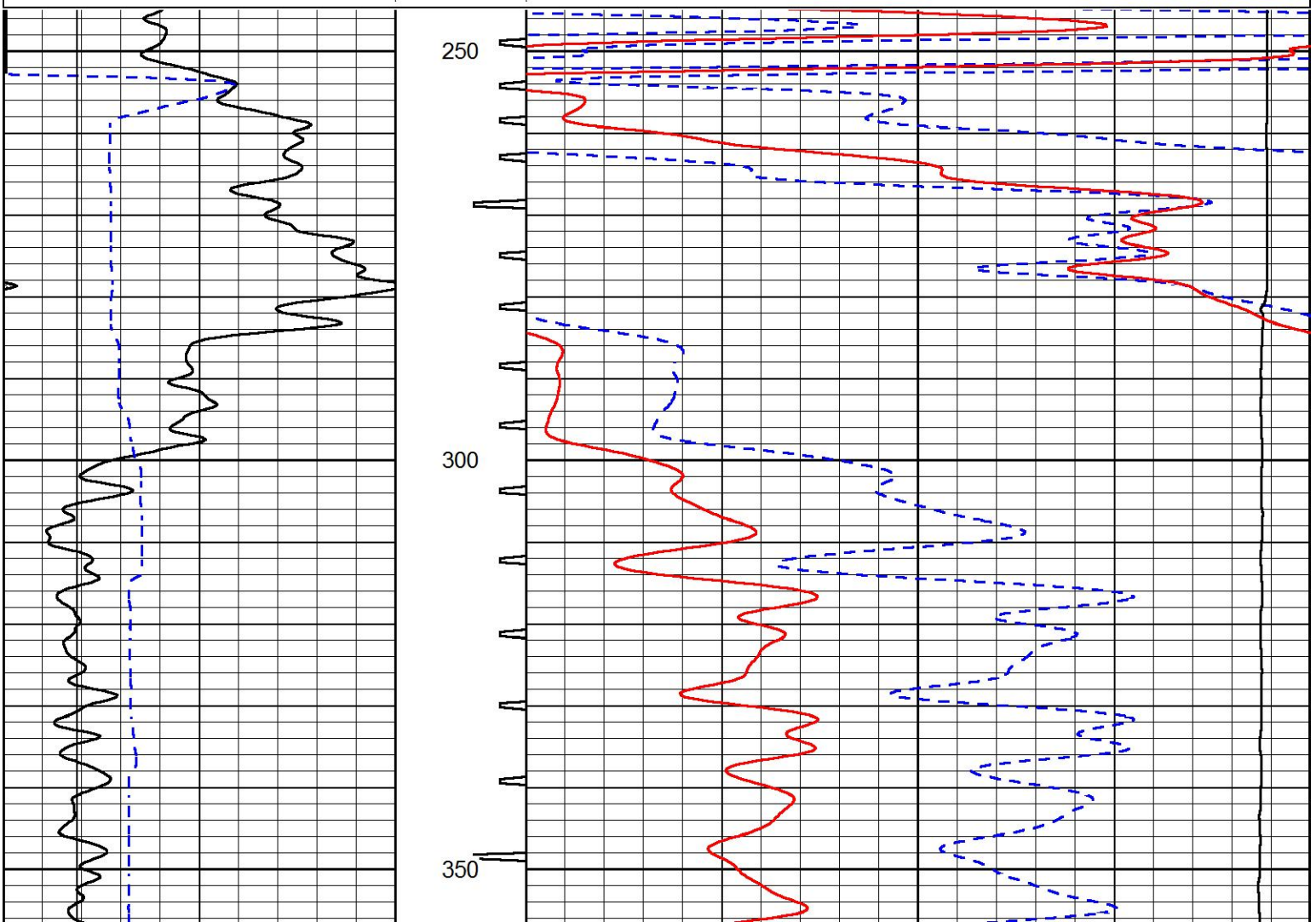
MIDWEST WIRELINE

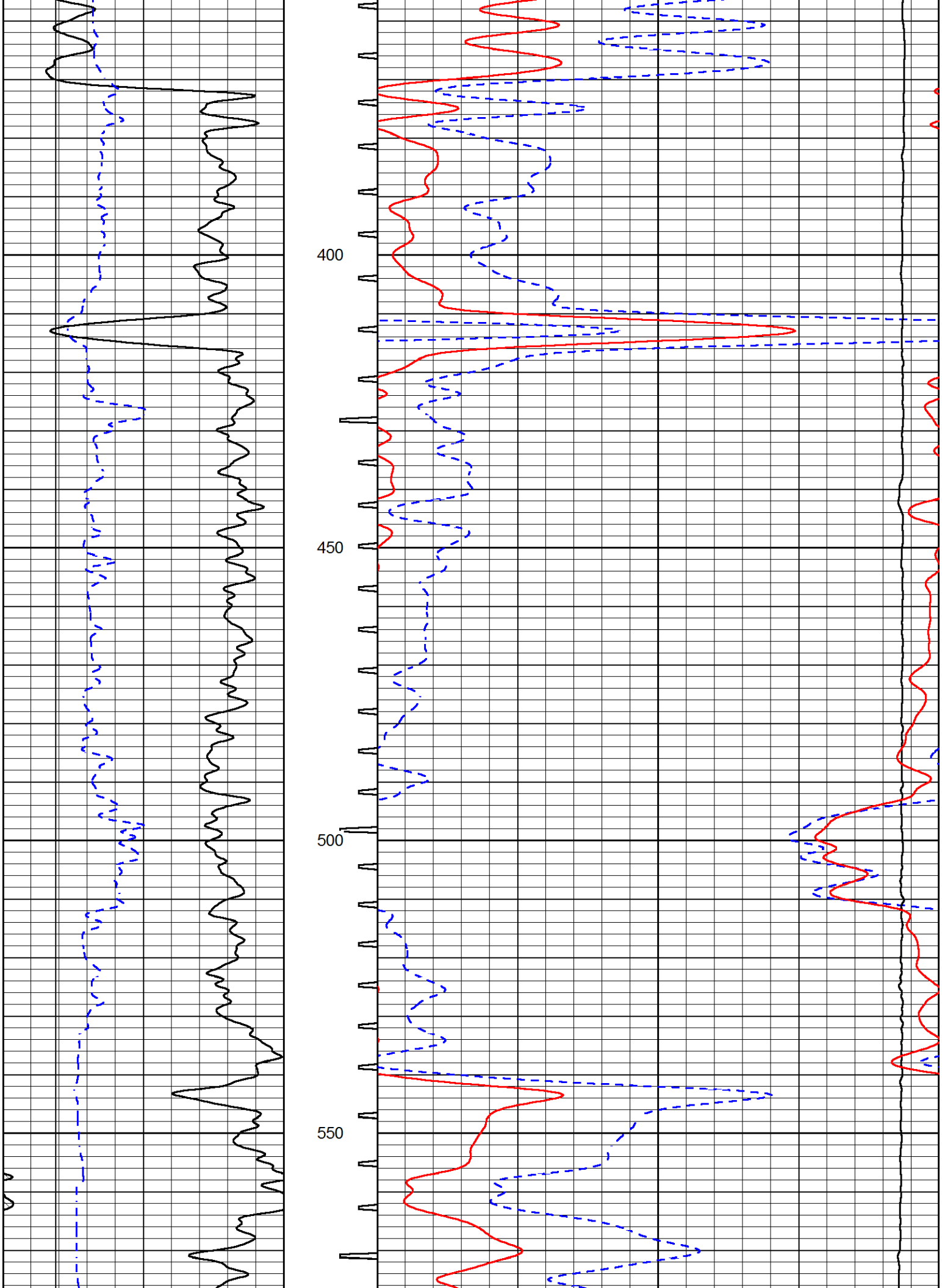
DETAIL SECTION

MAIN PASS

Database File	ritchie_stucky_dirks_1.db
Dataset Pathname	stackml/pass8.1
Presentation Format	sonic
Dataset Creation	Wed Sep 22 14:58:49 2021
Charted by	Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	SONIC INT TRAVEL TIME (msec)	140	DELTA TIME (usec/ft) (usec/ft) 40
6	CALIPER (in)	16		30	SONIC POROSITY (pu) -10
6	BIT SIZE	16		15000	LINE TENSION (lb) 0

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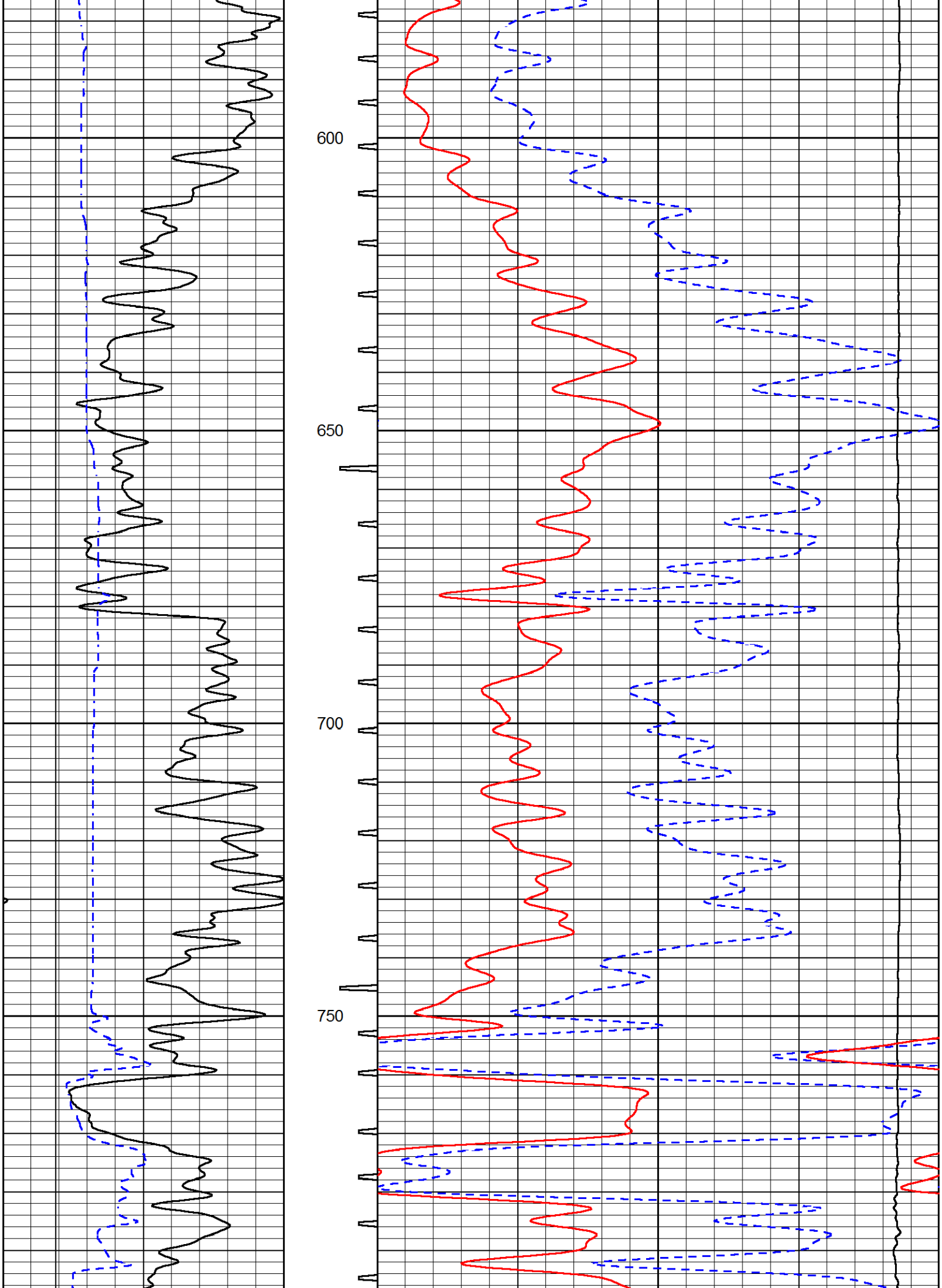
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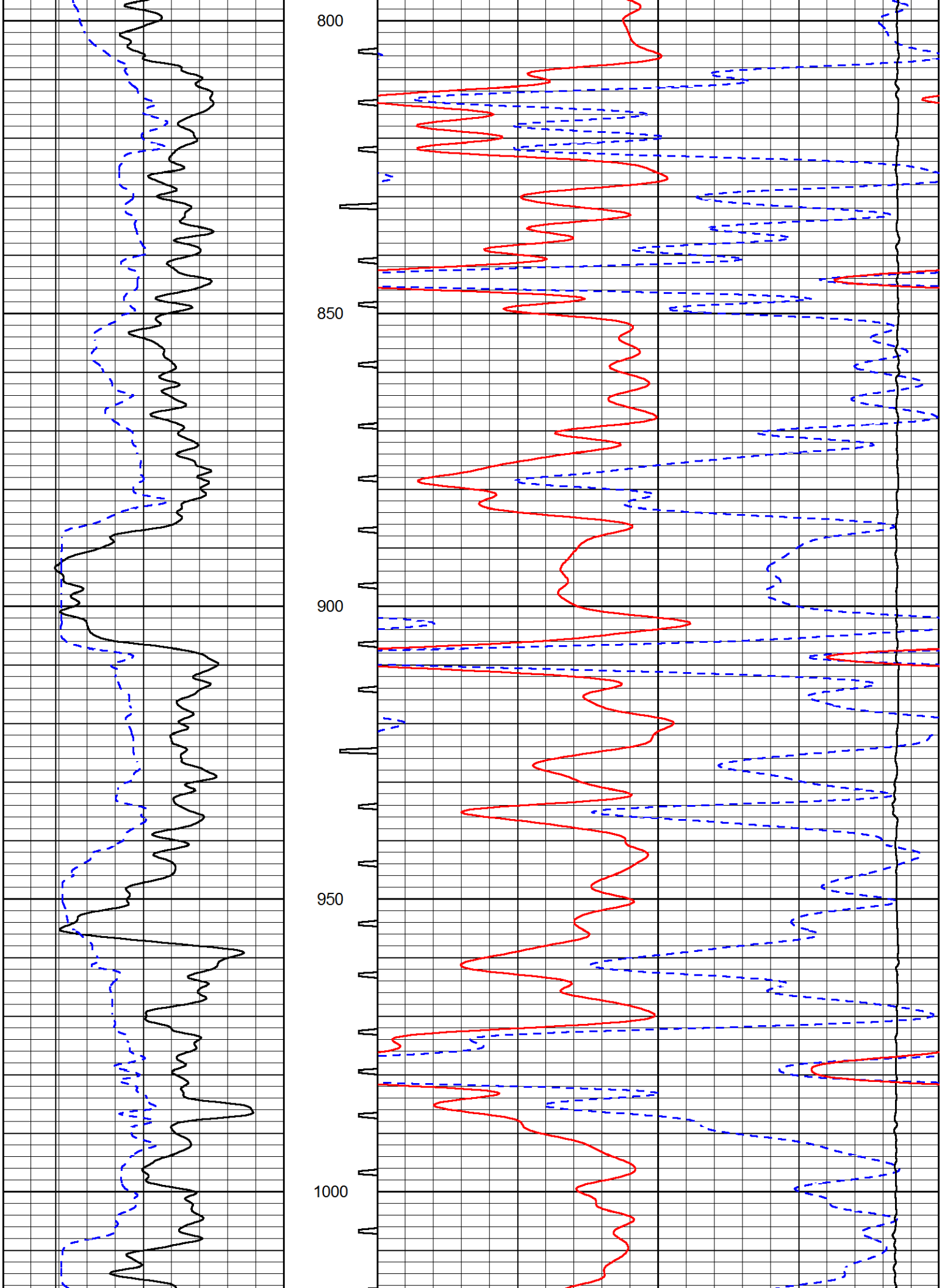
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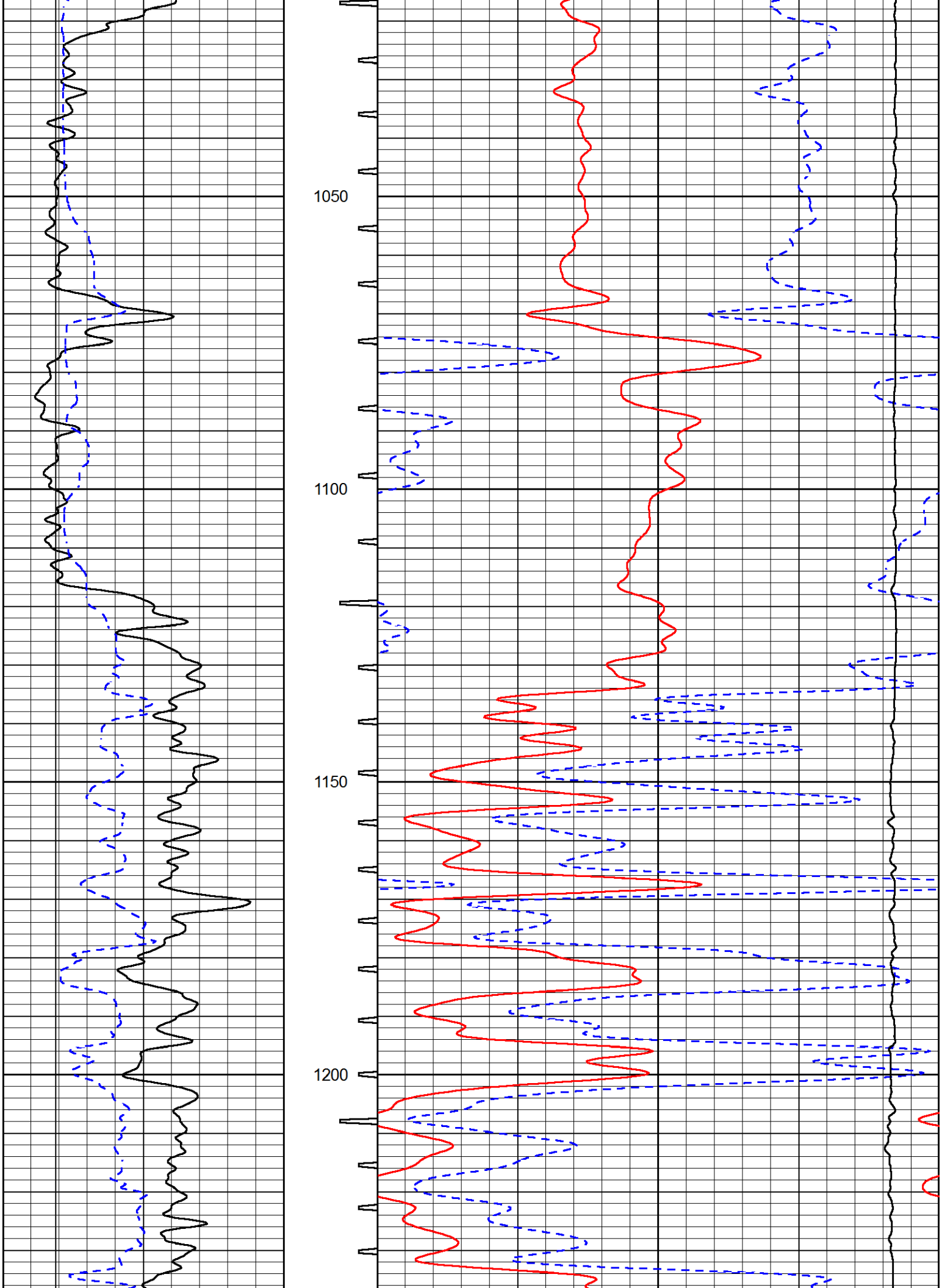
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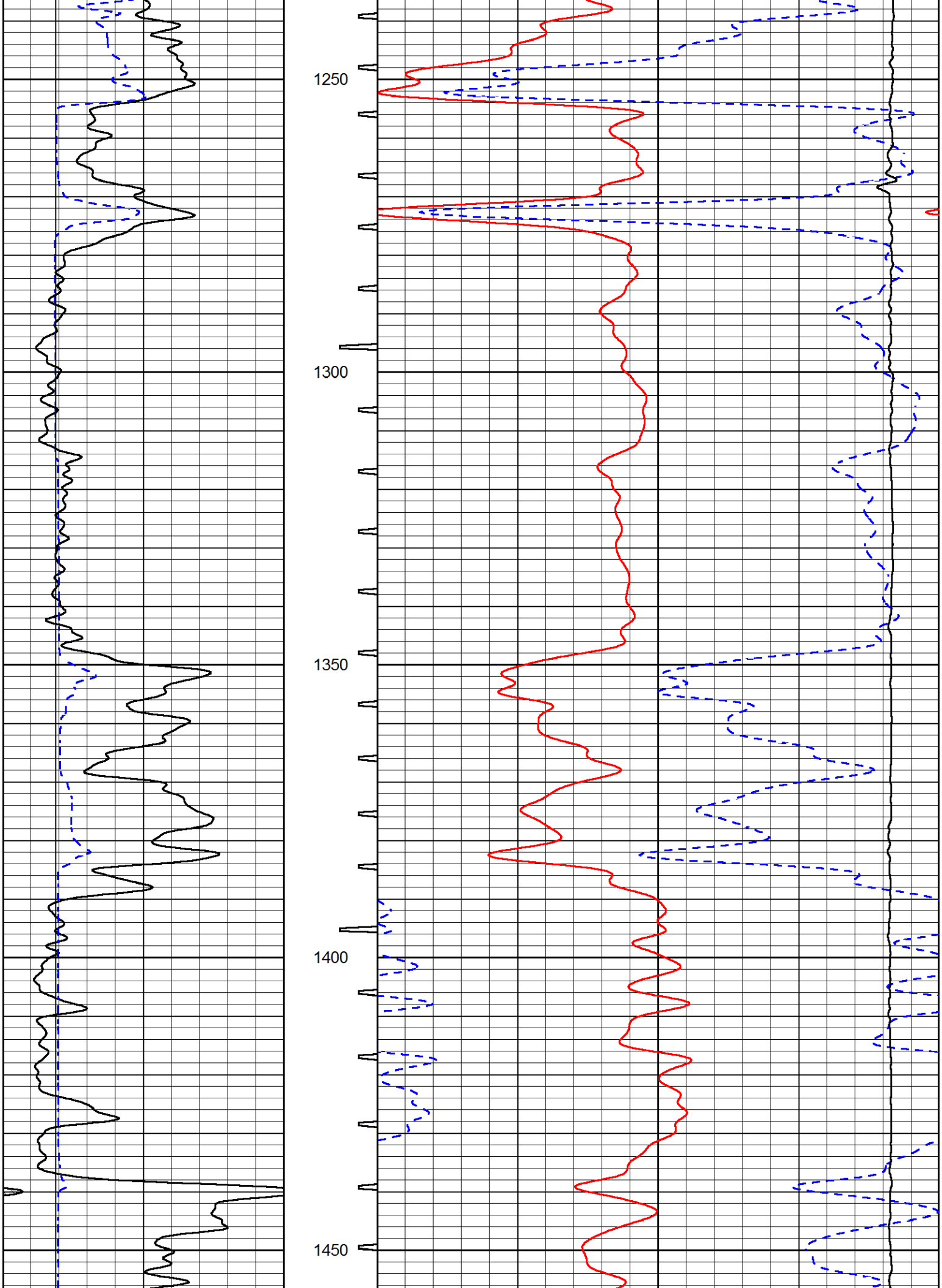
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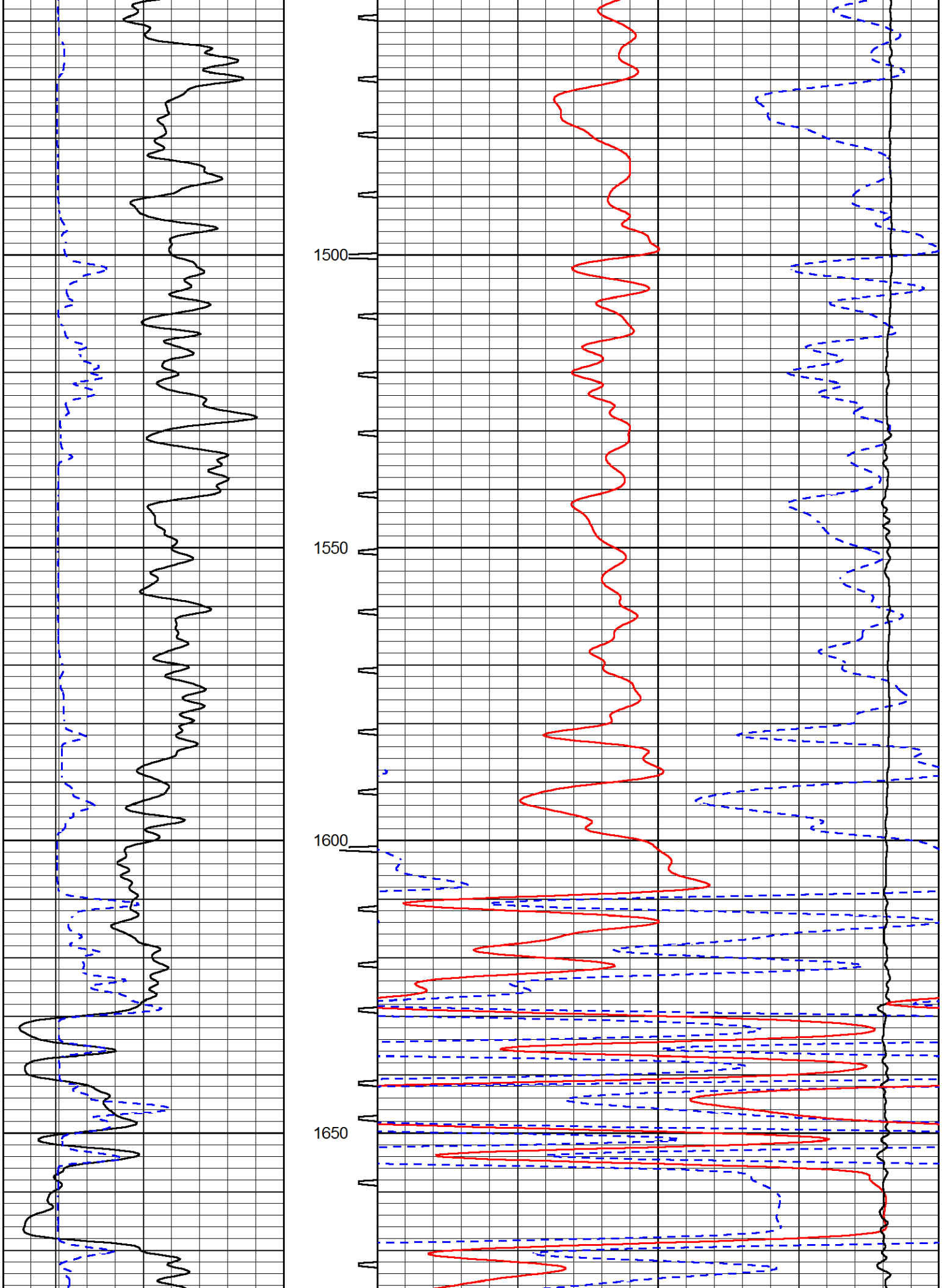
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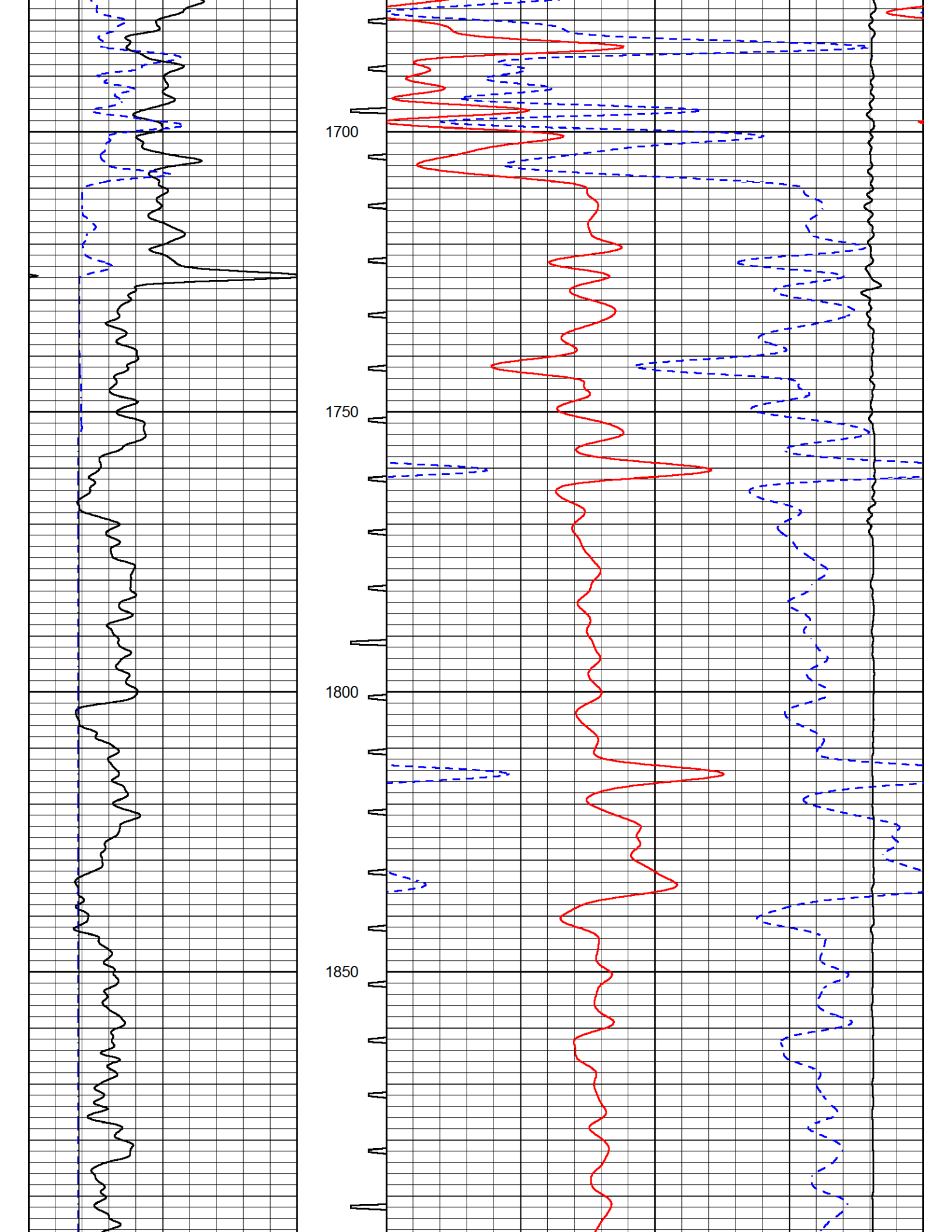
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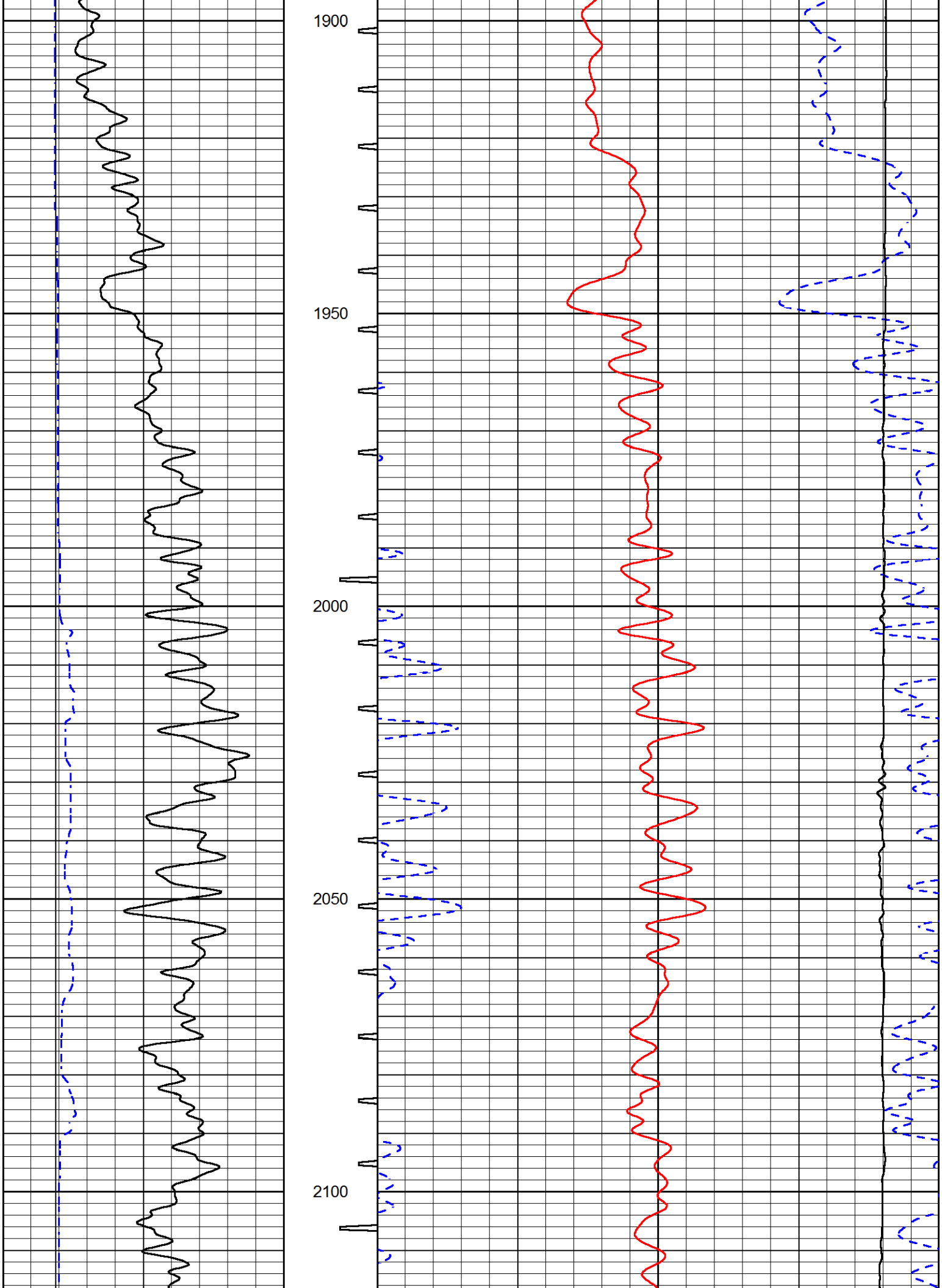
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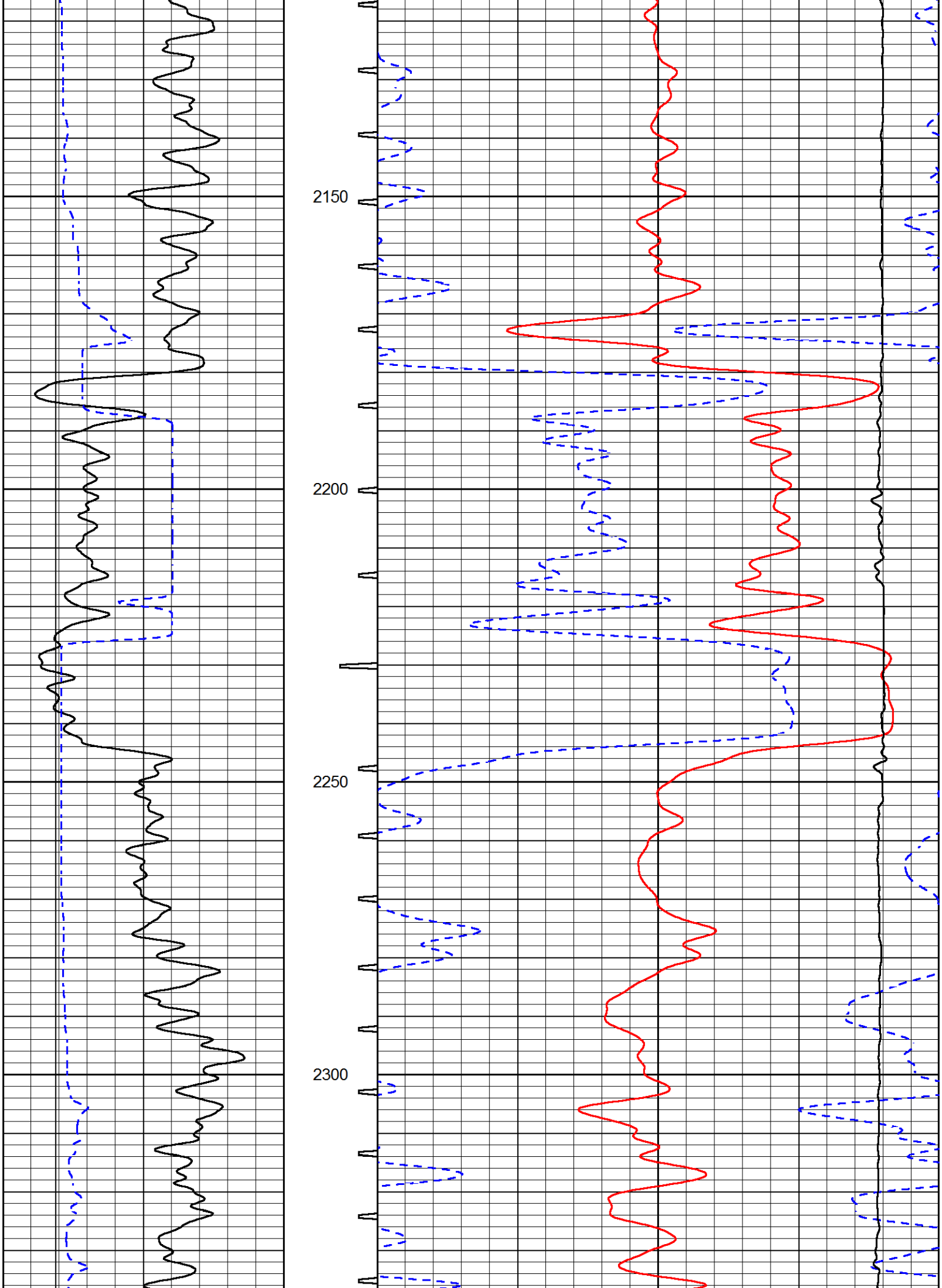
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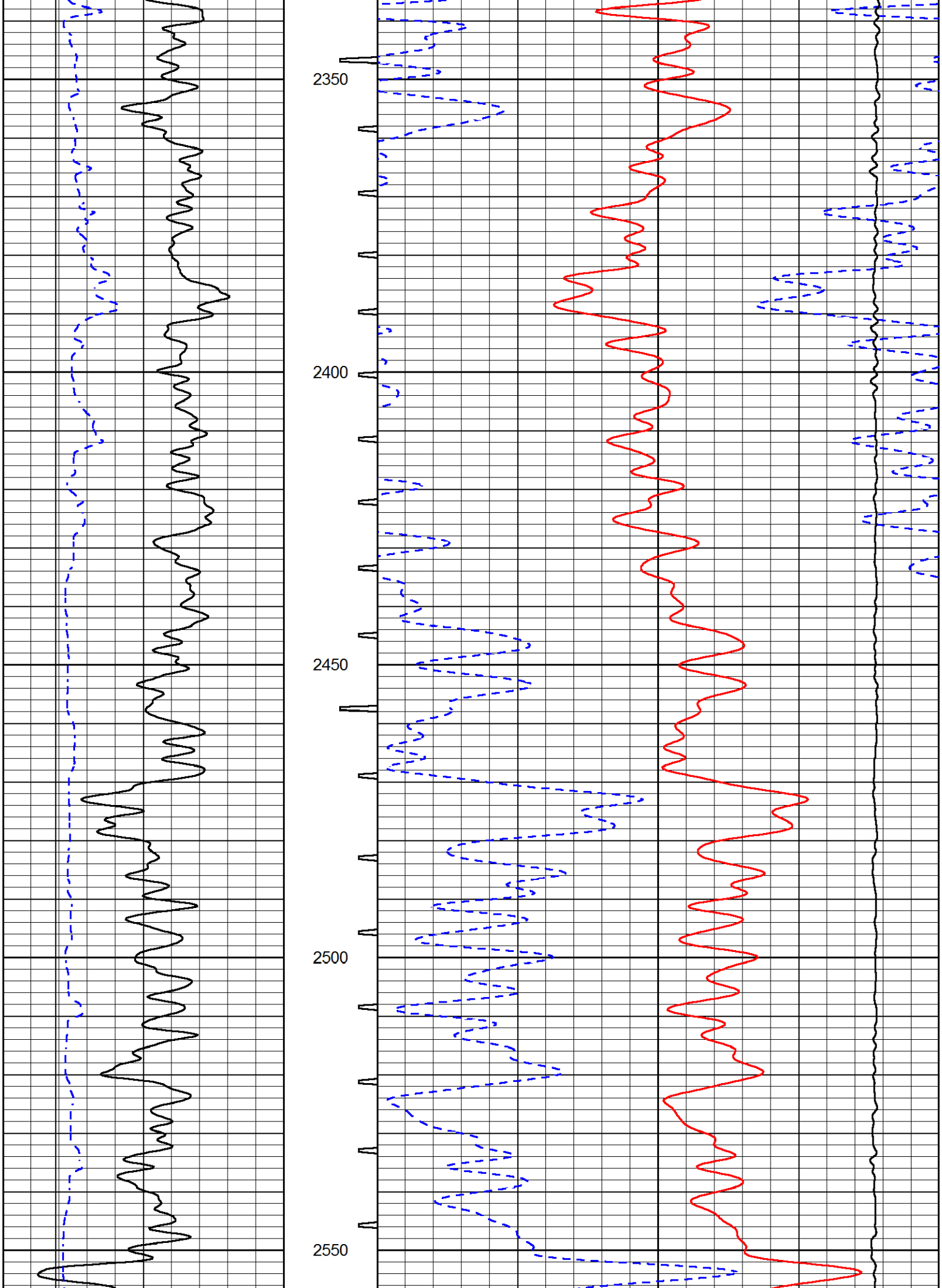
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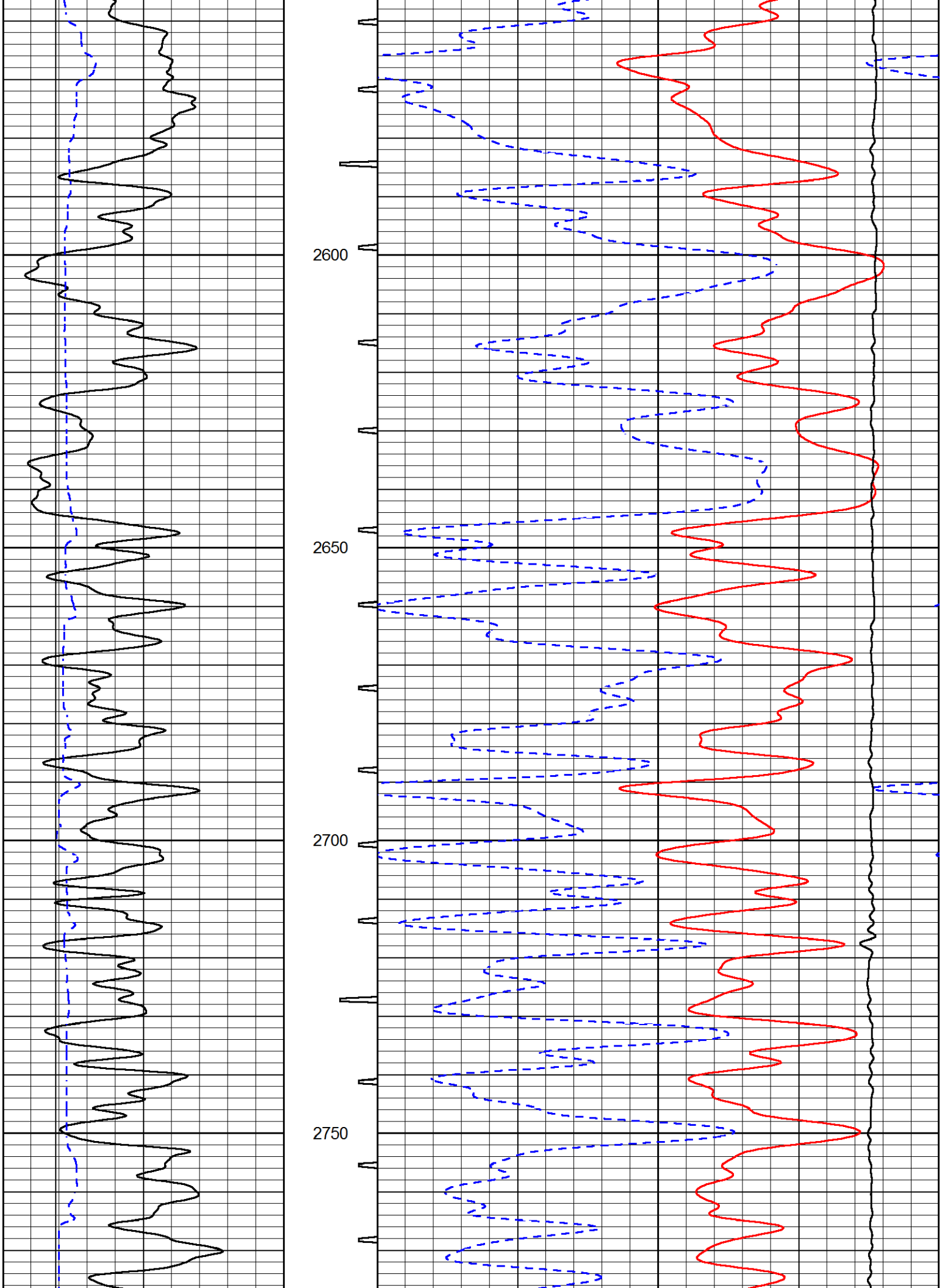
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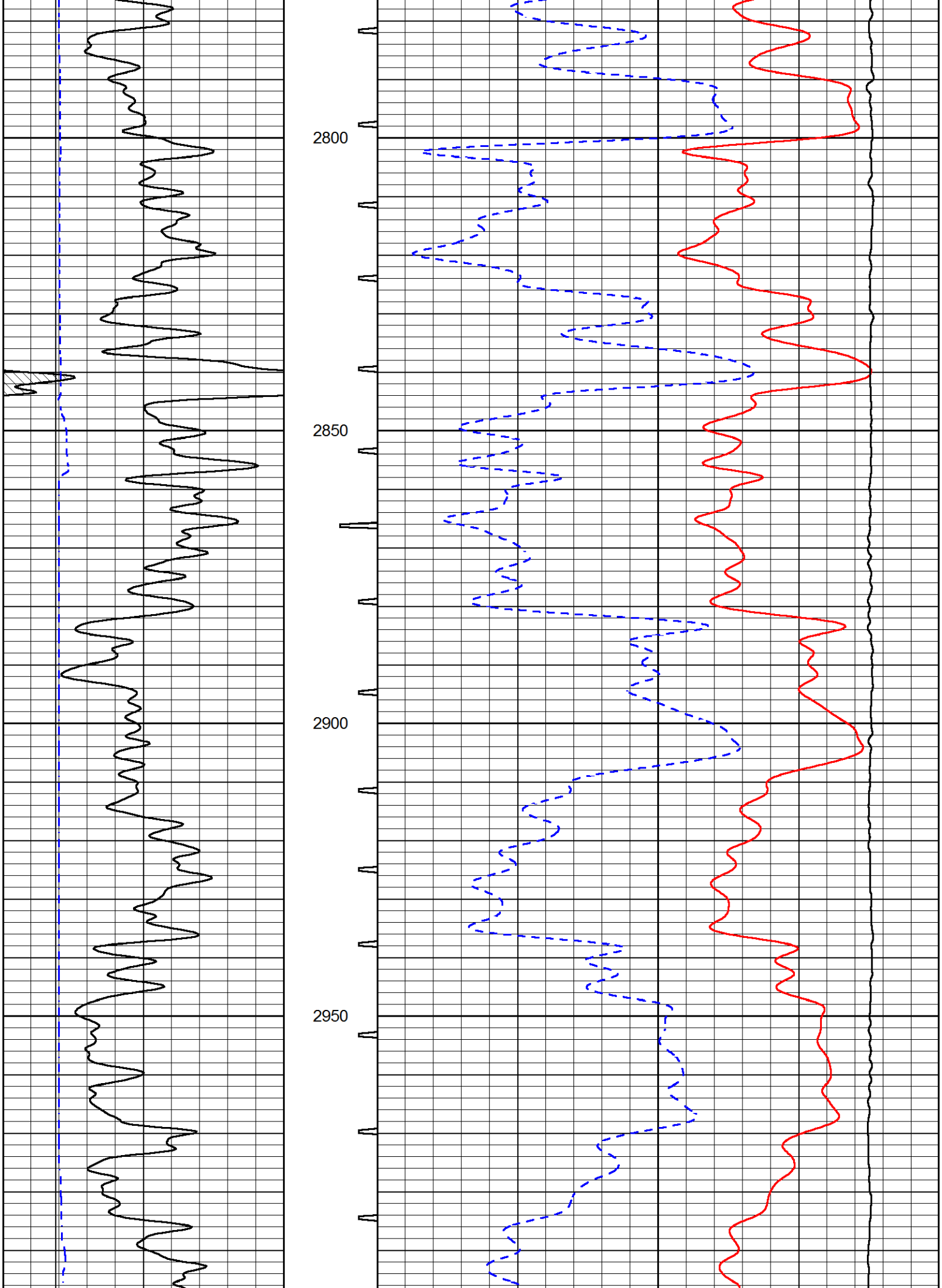
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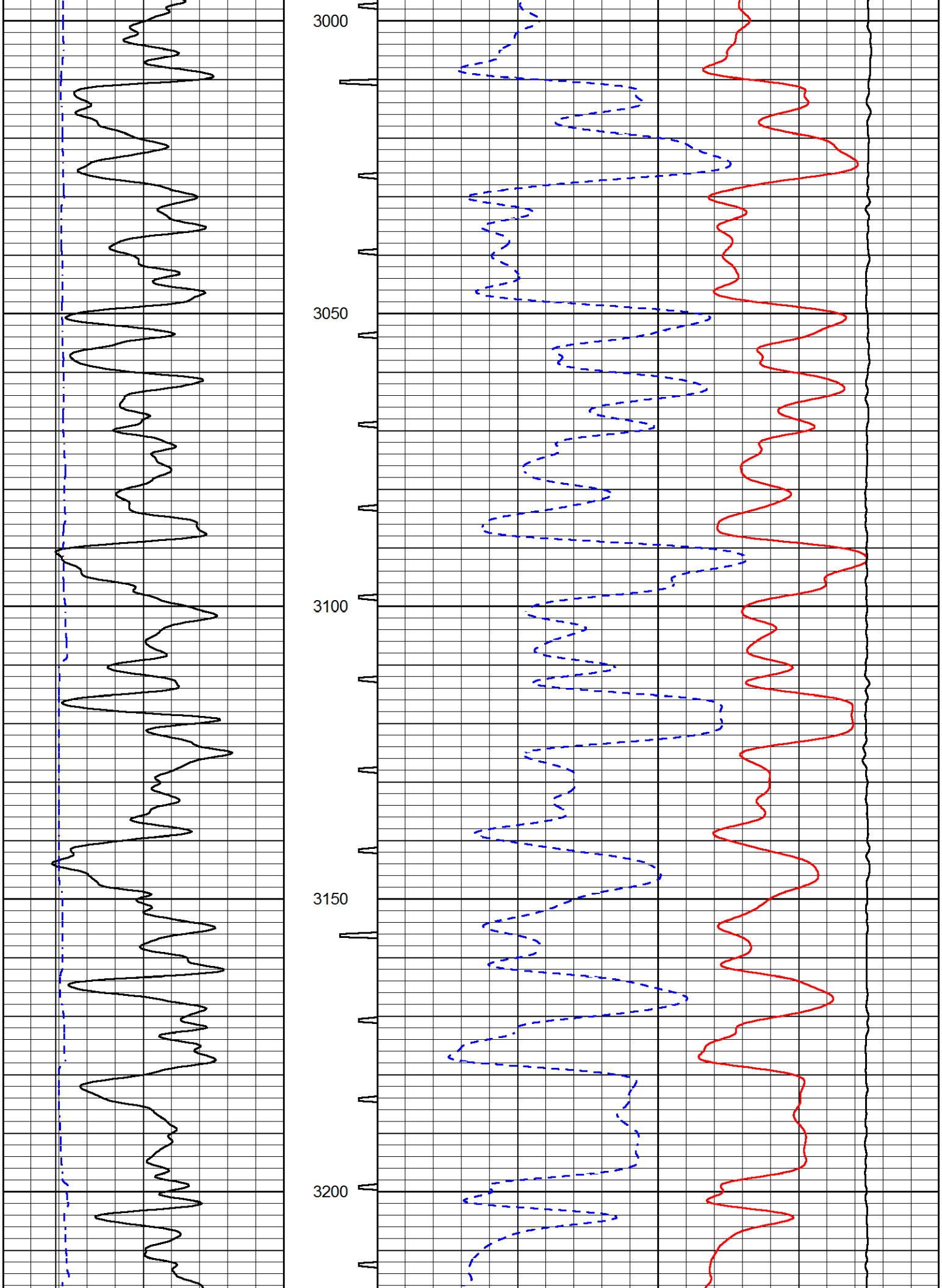
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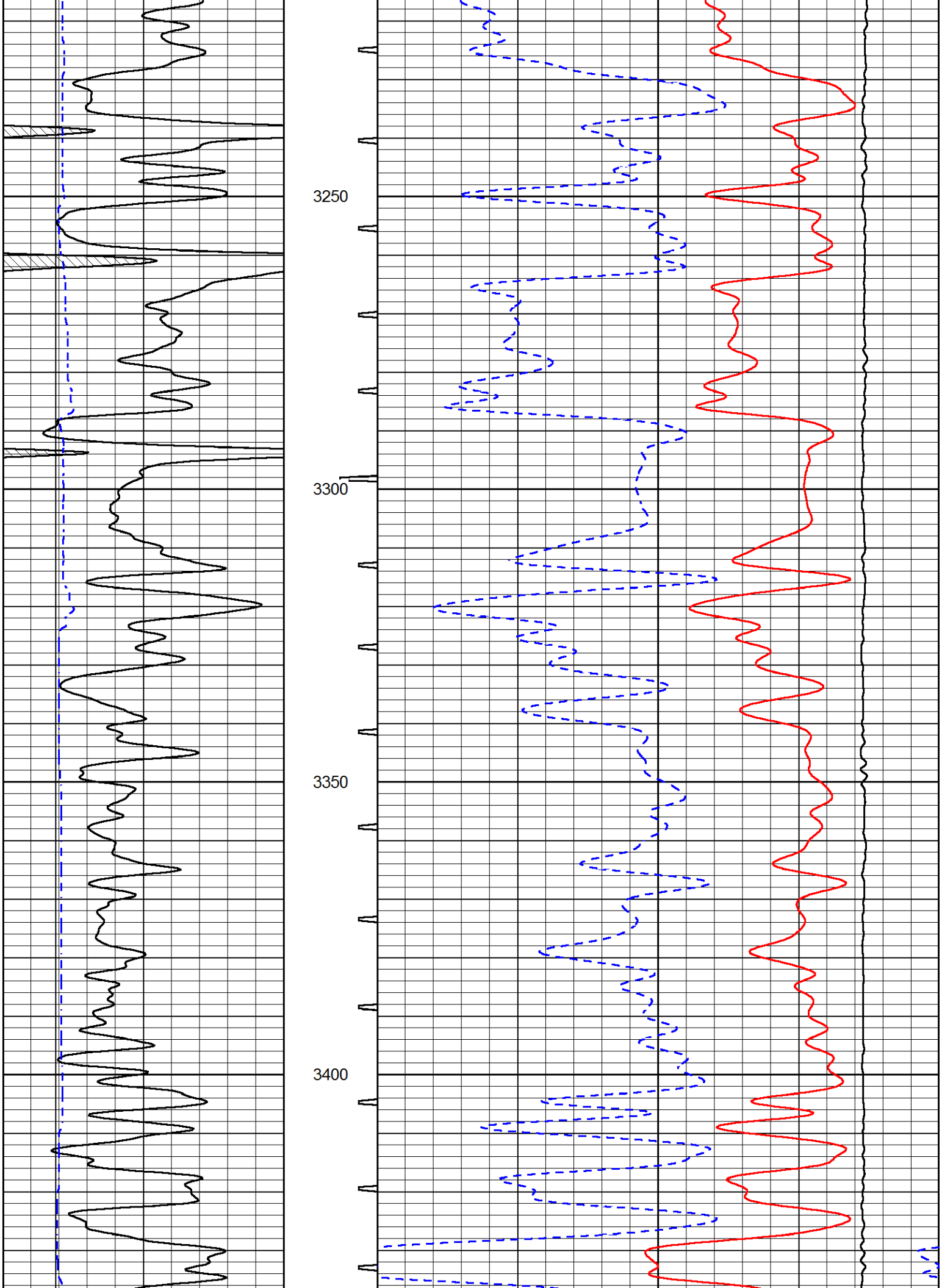
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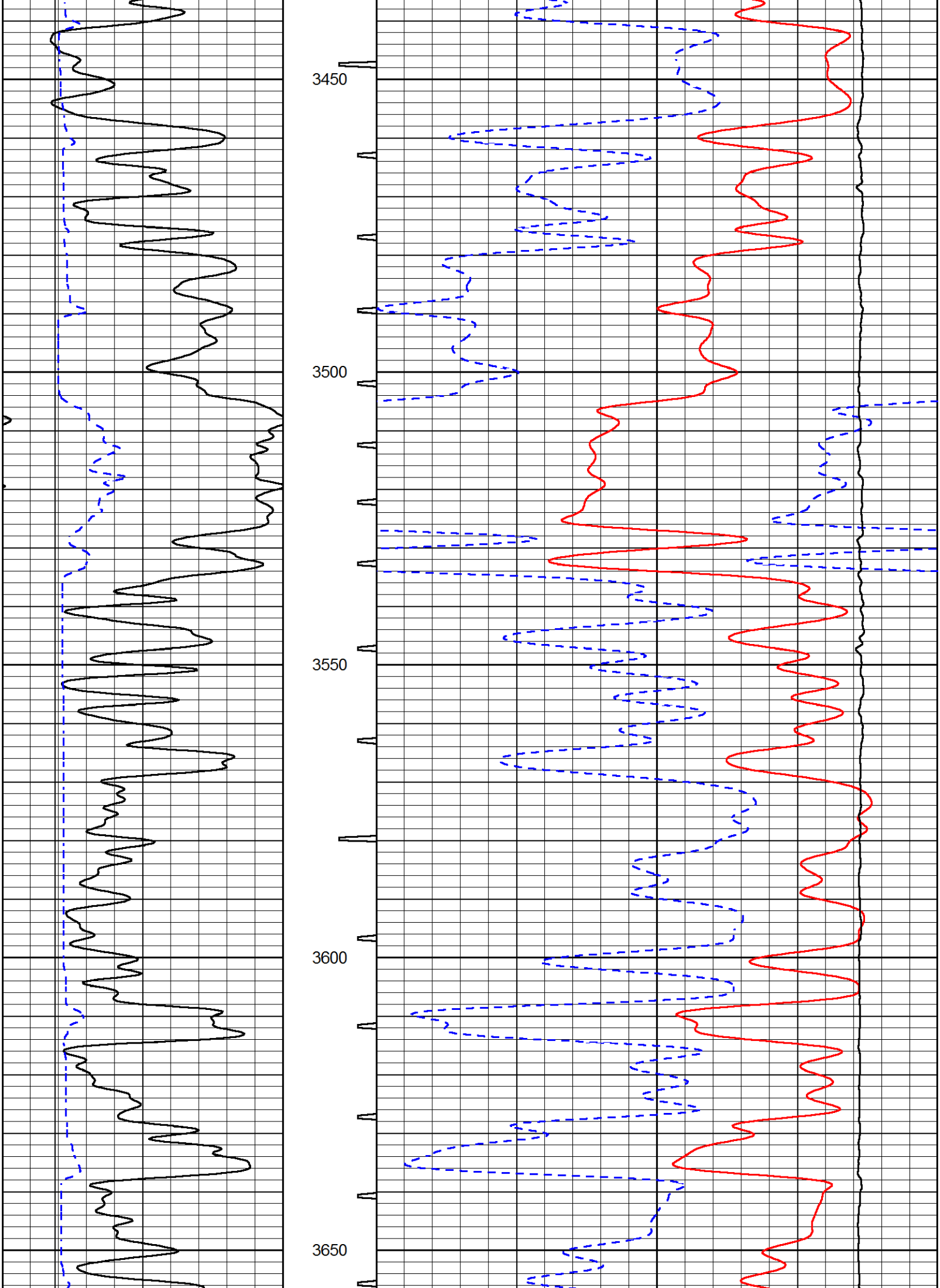
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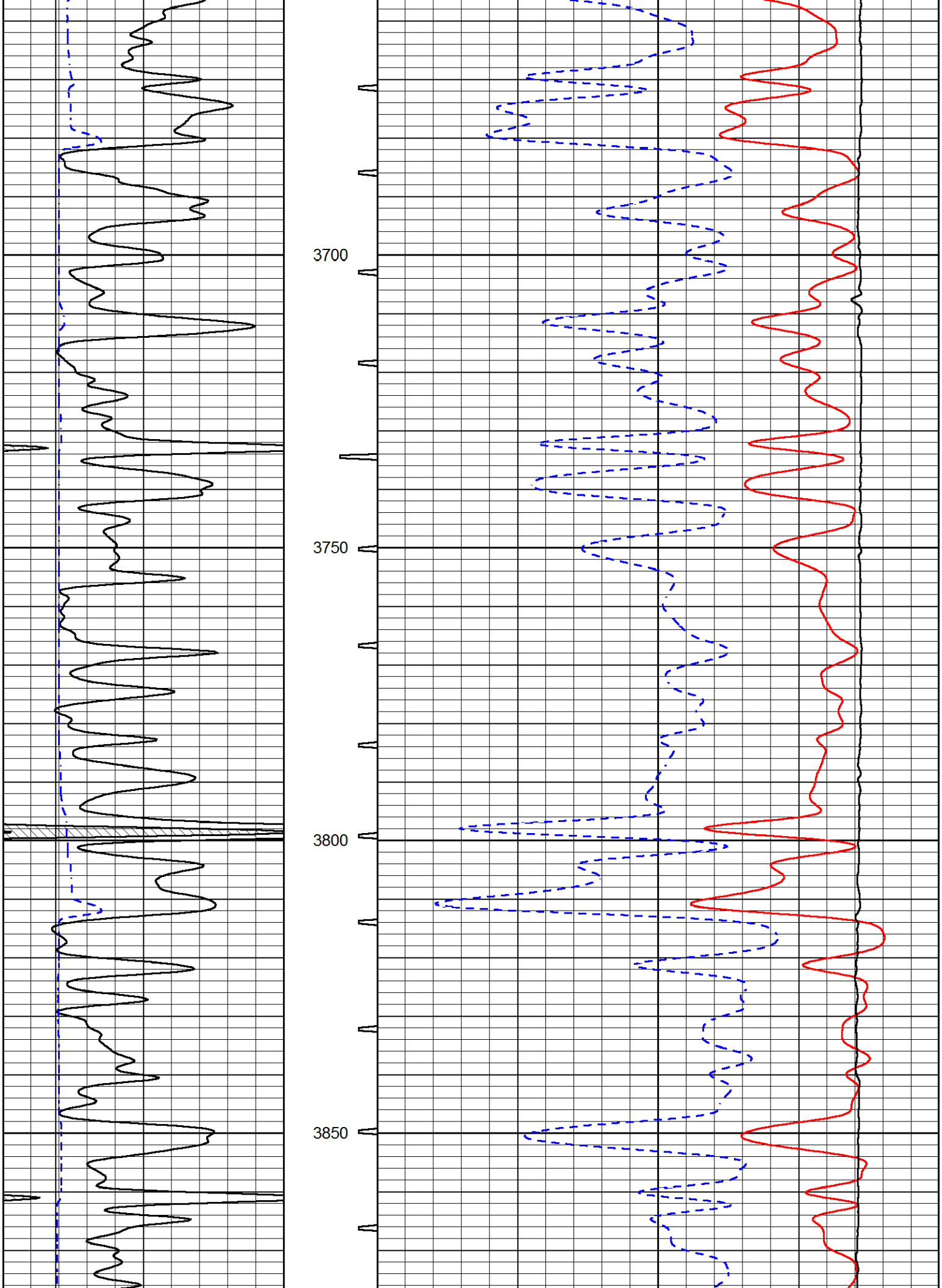
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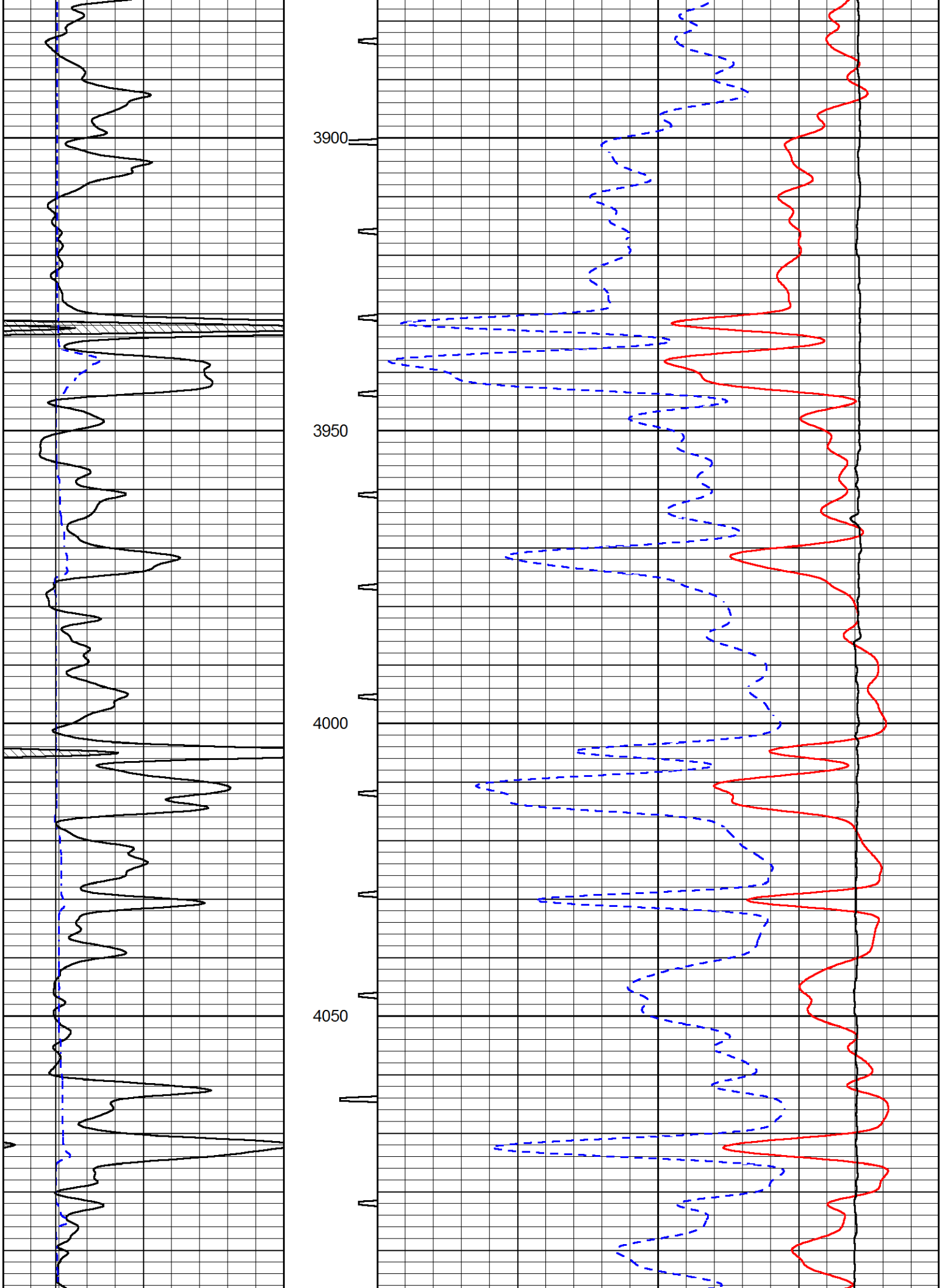
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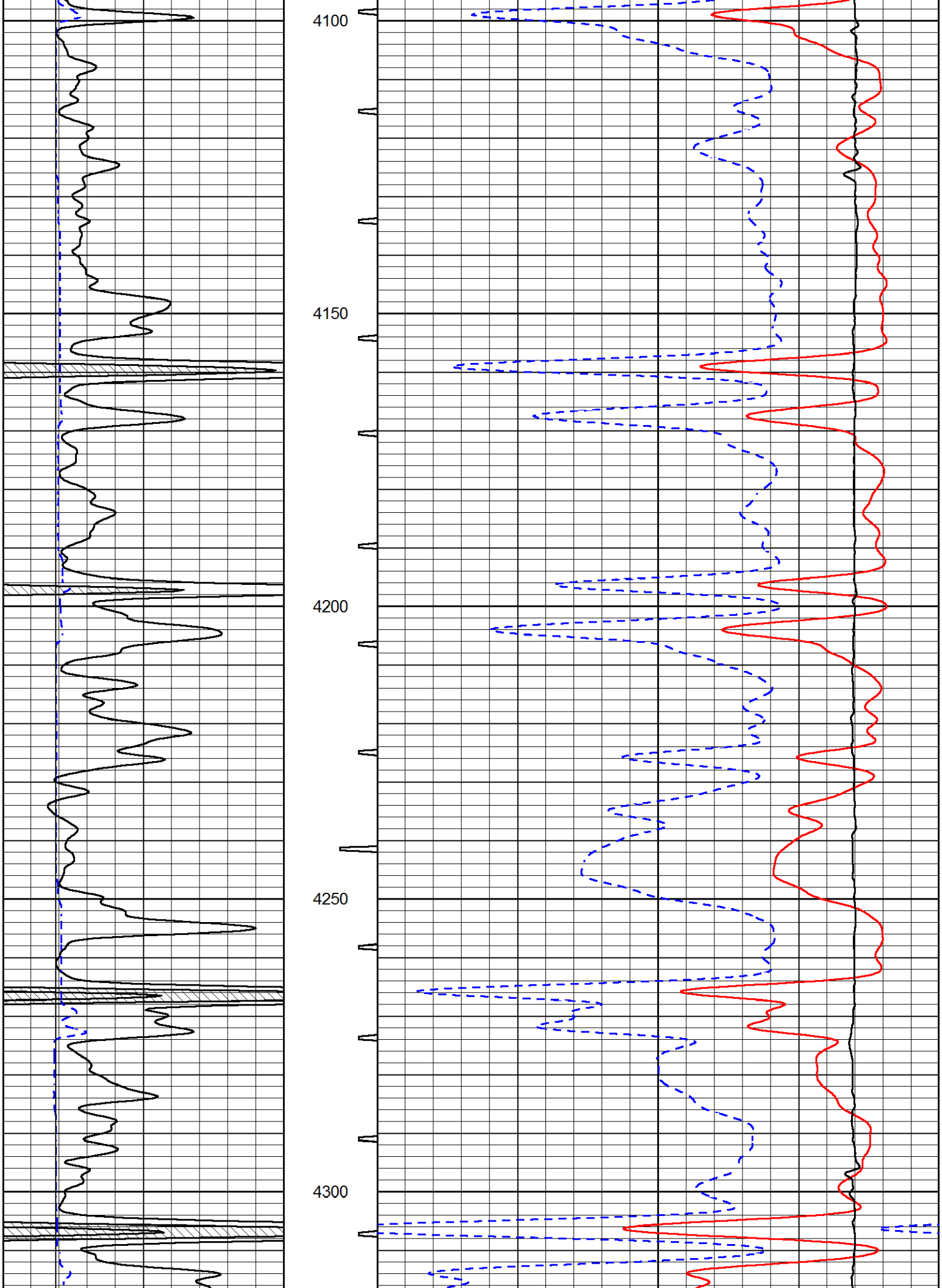
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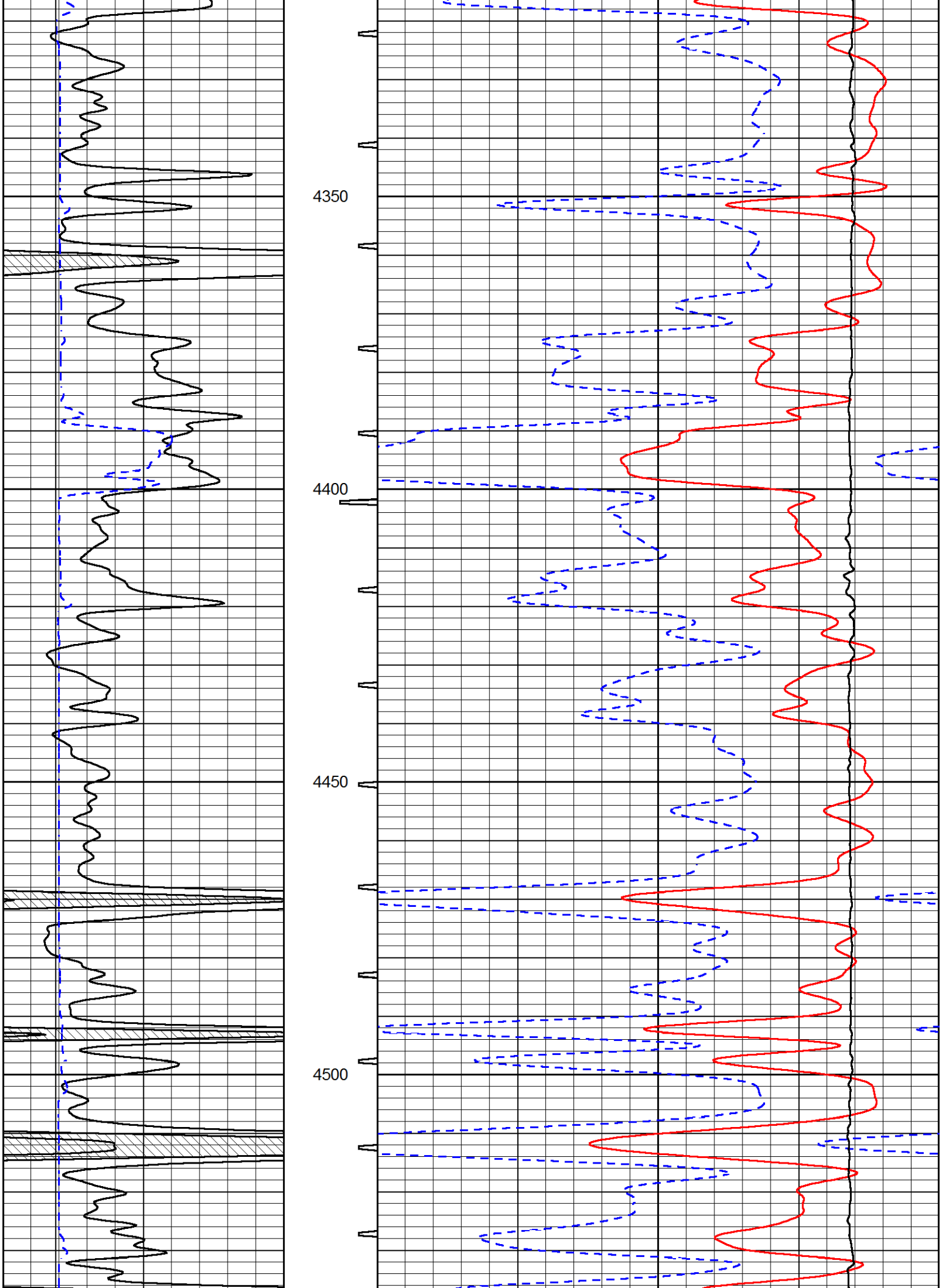
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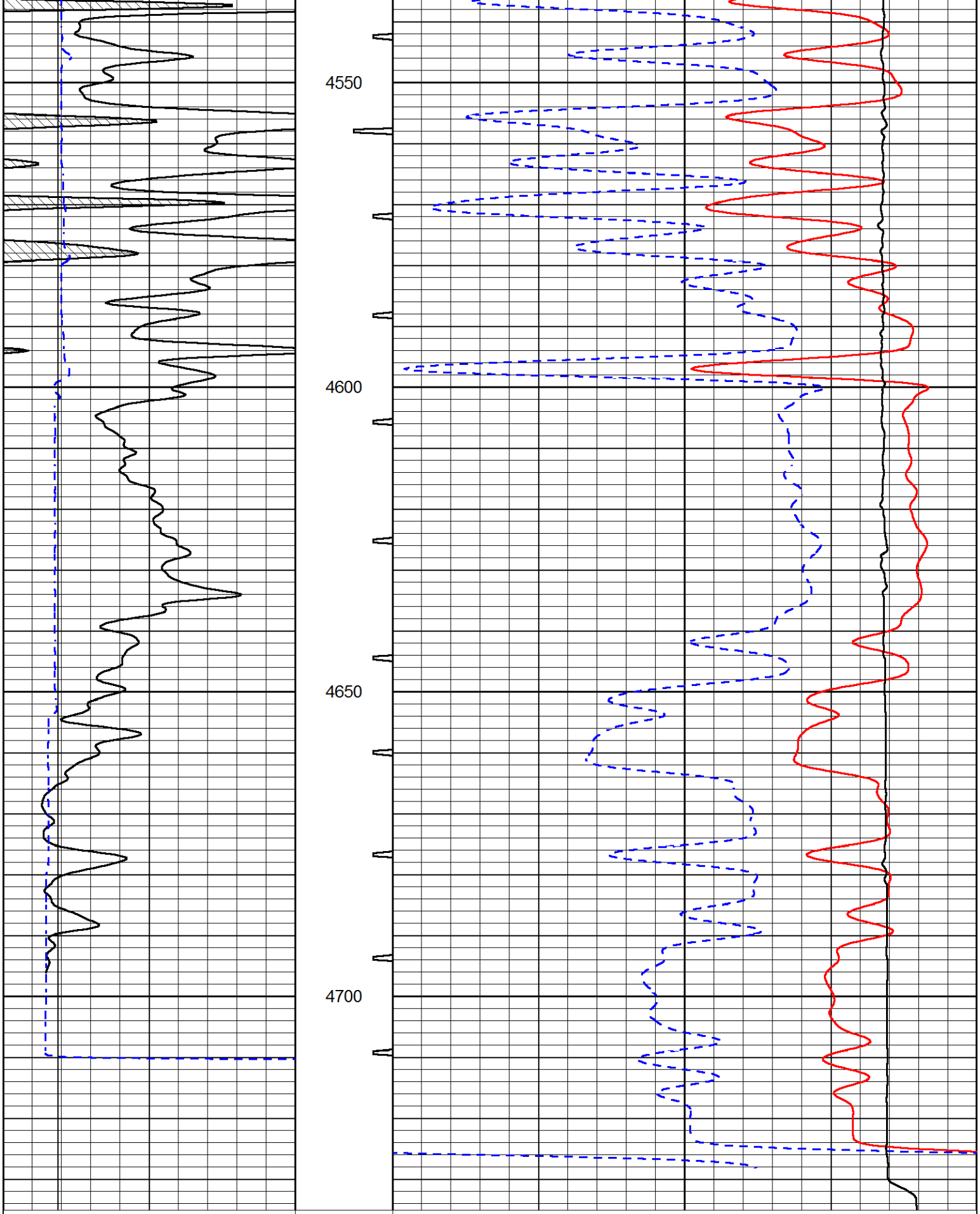

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6	CALIPER (in)	16		30	SONIC POROSITY (pu) -10
6	BIT SIZE	16		15000	LINE TENSION (lb) 0

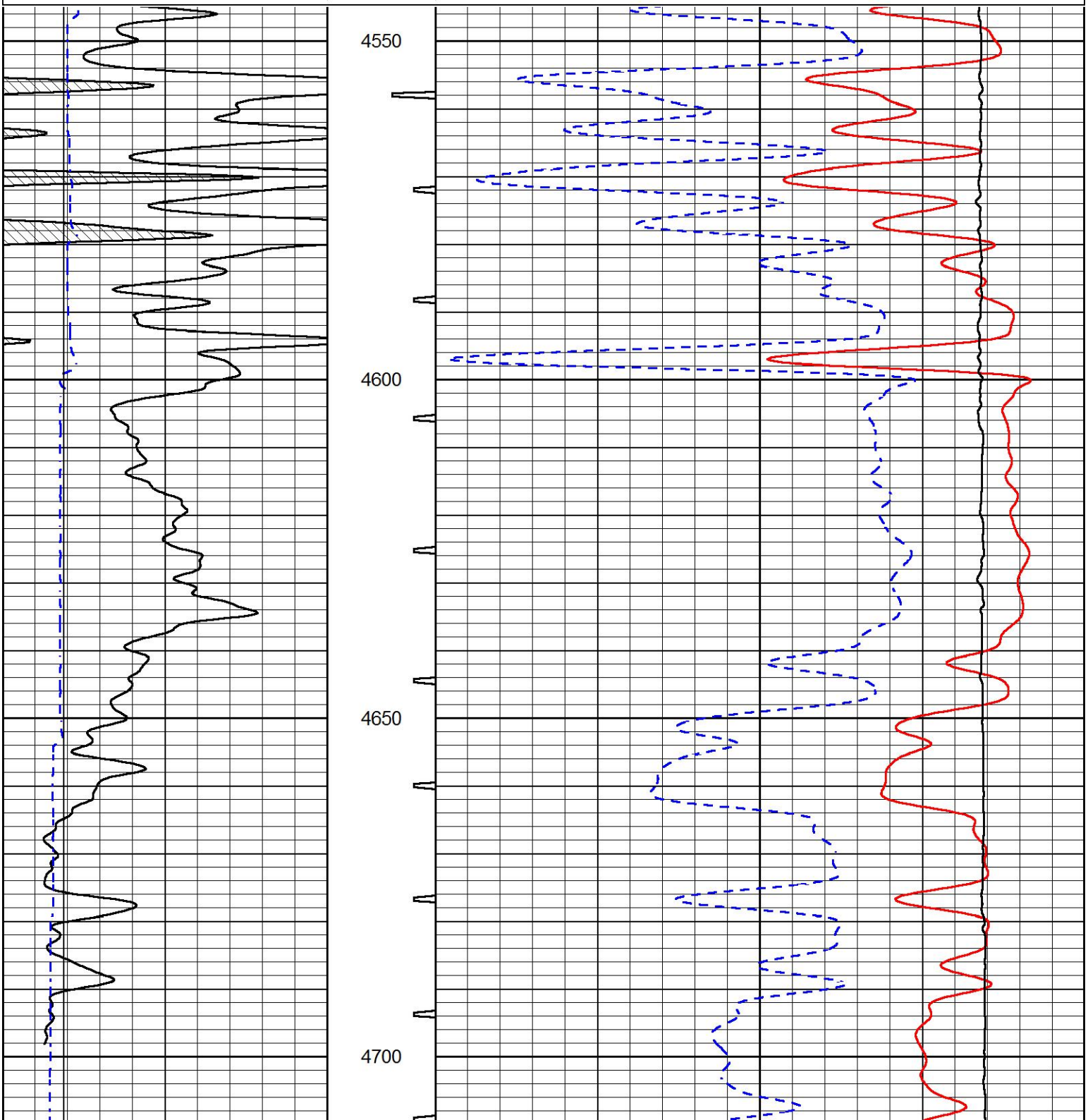
REPEAT SECTION

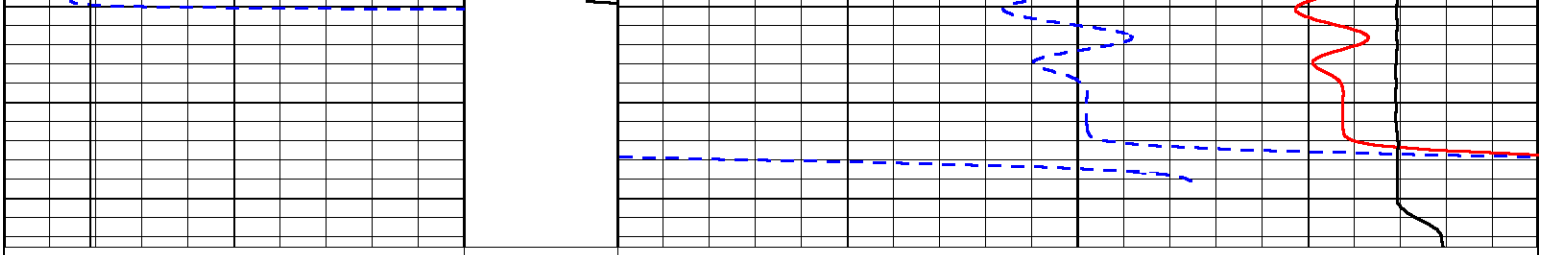
REPEAT PASS

MIDWEST WIRELINE

Database File	ritchie_stucky_dirks_1.db
Dataset Pathname	stackml/pass3.1
Presentation Format	sonic
Dataset Creation	Wed Sep 22 13:59:08 2021
Charted by	Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	SONIC INT TRAVEL TIME (msec)	140 DELTA TIME (usec/ft) (usec/ft)	40
6	CALIPER (in)	16		30 SONIC POROSITY (pu)	-10
6	BIT SIZE	16		15000 LINE TENSION (lb)	0





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