MIDWEST WIRELINE

BOREHOLE COMPENSATED SONIC

Company Double G Petro LLC
Well MJ1 #1
Field Keough Northeast
County Rush
State Kansas

Location: API # : 15-165-22187-00-00
1410 FSL & 630 FEL
SEC 14 TWP 16S RGE 20W

Other Services
CNL/CDL
MEL/DIL

Permanent Datum Ground Level Elevation 2138
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing

Elevation
K.B. 2146
D.F.
G.L. 2138

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Well	MJ1 #1
Field	Keough Northeast
County	Rush
State	Kansas
Location:	1410 FSL & 630 FEL SEC 14 TWP 16S RGE 20W
API # :	15-165-22187-00-00
Other Services	CNL/CDL MEL/DIL
Permanent Datum	Ground Level
Elevation	2138
Log Measured From	Kelly Bushing
Drilling Measured From	Kelly Bushing
K.B.	2146
D.F.	
G.L.	2138

Date	3/6/2024							
Run Number	Two							
Type Log	BHCS							
Depth Driller	3965							
Depth Logger	3965							
Bottom Logged Interval	3953							
Top Logged Interval	250							
Type Fluid In Hole	Chemical							
Salinity, PPM CL	7700							
Density	9.6							
Level	Full							
Max. Rec. Temp. F	116							
Operating Rig Time	3.5 Hours							
Equipment -- Location	P-24 | Hays							
Recorded By	T. Martin							
Witnessed By	Jason Alm							

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25	00	267	8.625	23	00	267
Two	7.875	267	TD				

<<< Fold Here >>>

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

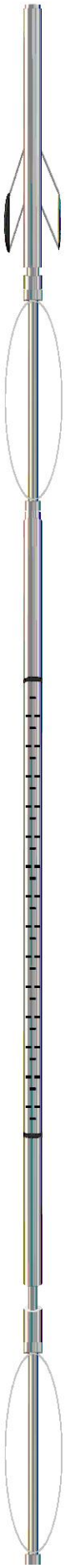
Liebenthal, KS, W on Blktp
9.5 to Rd 150, 1.3 N, W into

Log Measured From: Kelly Bushing 8 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: T. Martin	Primary Witness: Jason Alm
Operator:	Secondary Witness: Greg Patterson
Operator:	Secondary Witness:
Operator:	Secondary Witness:

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb
			ML-Pengo (Pengo1)	5.50	3.50	100.00
MCAL	25.50					
MI	25.50					
MN	25.50					
			CENT-PENGO (4-PENGO)	4.25	3.00	70.00
WVF4	12.25		SLT-PENGO (601) 3 1/2 BHC Sonic	16.00	3.50	300.00
WVF1	12.25					
WVF3	10.25					
WVF2	10.25					
			CENT-PENGO (3-PENGO)	4.25	3.00	70.00

Dataset:	double g_mj1 #1.db: field/well/SonMel/pass3
Total length:	30.00 ft
Total weight:	540.00 lb
O.D.:	3.50 in

Log Variables

DatabaseC:\ProgramData\Warrior\Data\double g_mj1 #1.db
Dataset field/well/Stack/pass3.1/_vars_

Top - Bottom

BOREID	BOTTEMP	CASEOD	CASETHCK	FLUIDDEN	MATRXDEN	NPORSEL	PERFS
in	degF	in	in	g/cc	g/cc		
7.875	116	5.5	0	1	2.71	Limestone	No

SNDERR	SNDERRM	SPSHIFT	SRFTEMP	SZCOR	TDEPTH
mmho/m	mmho/m	mV	degF		ft
0	3	40	40	Off	3965

Variable Description

BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
FLUIDDEN : Fluid Density
MATRXDEN : Matrix Density
NPORSEL : Neutron Porosity Curve Select
PERFS : Perforation Flag
SNDERR : Deep Sonde Error Correction
SNDERRM : Medium Sonde Error Correction
SPSHIFT : S.P. Baseline Offset
SRFTEMP : Surface Temperature
SZCOR : CN Size Cor. ?
TDEPTH : Total Depth

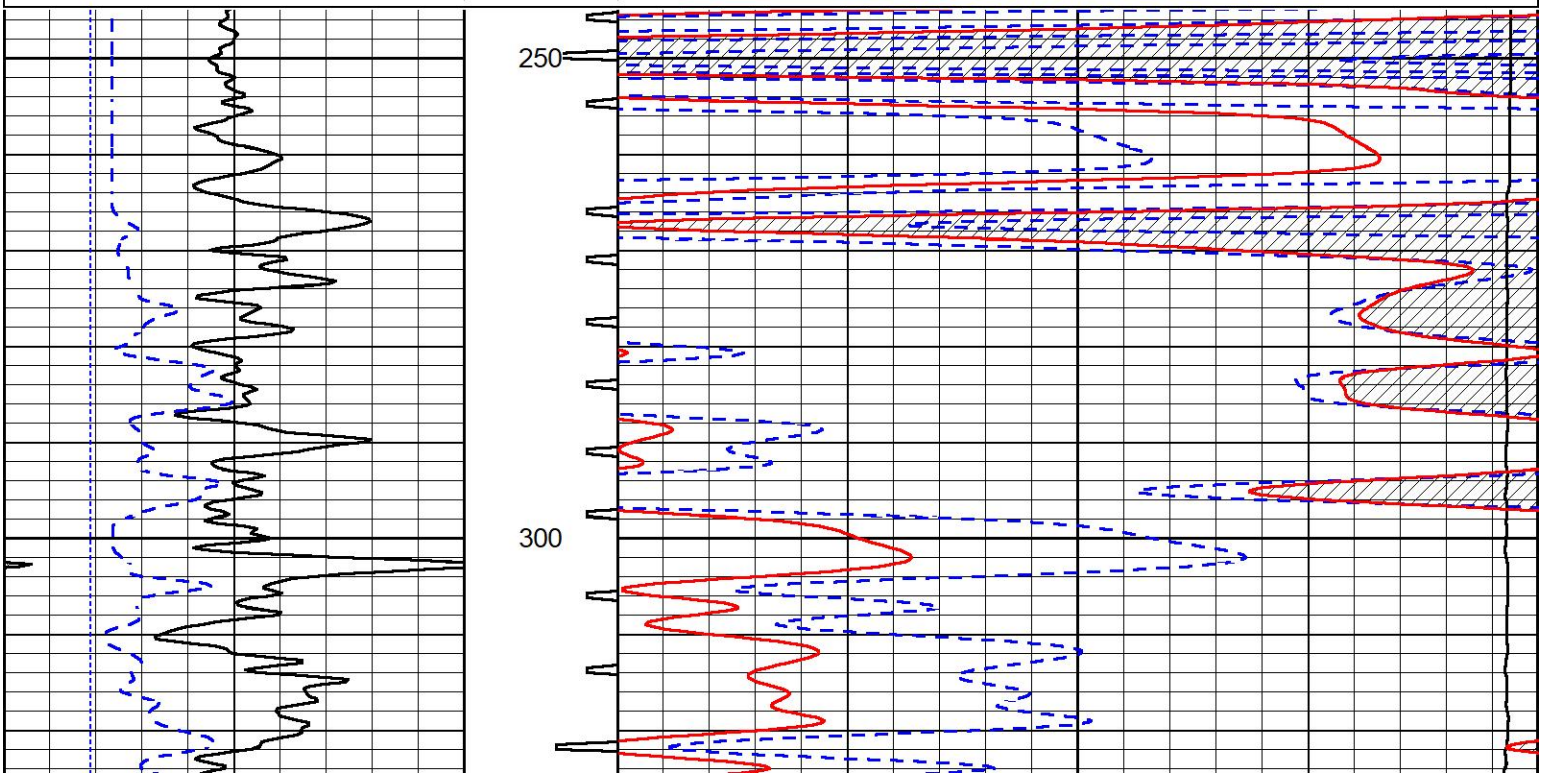
MIDWEST WIRELINE

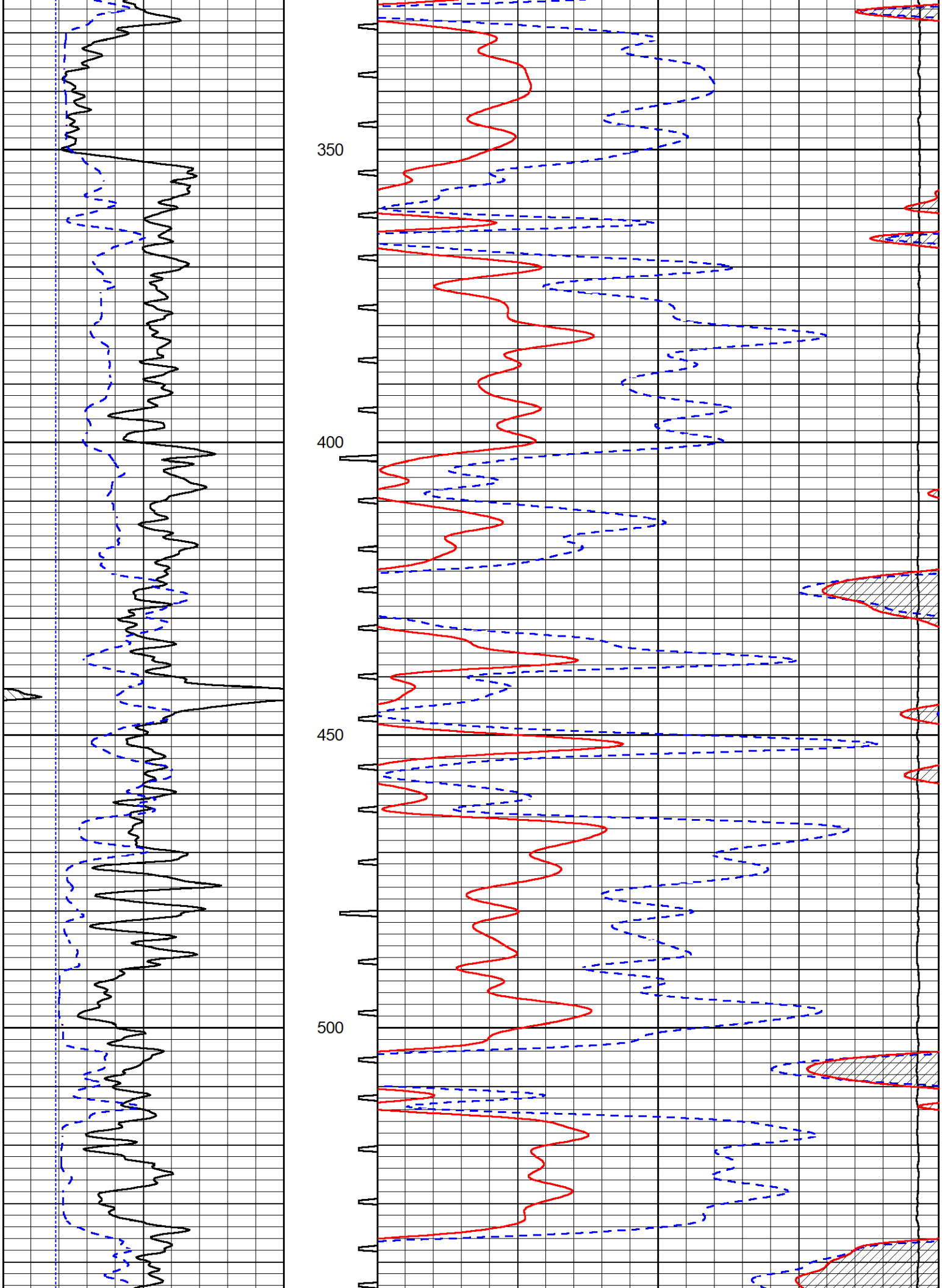
DETAIL SECTION

MAIN PASS

Database File	double g_mj1 #1.db
Dataset Pathname	Stack/pass3.1
Presentation Format	_sonic
Dataset Creation	Thu Mar 07 01:05:05 2024
Charted by	Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	Sonic Int	140	Delta Time (usec/ft) (usec/ft)	40
150	GR (GAPI)	300	5 (msec) 0	30	Sonic Porosity (pu) (pu)	-10
6	Caliper (in)	16		15000	Line Tension (lb)	0

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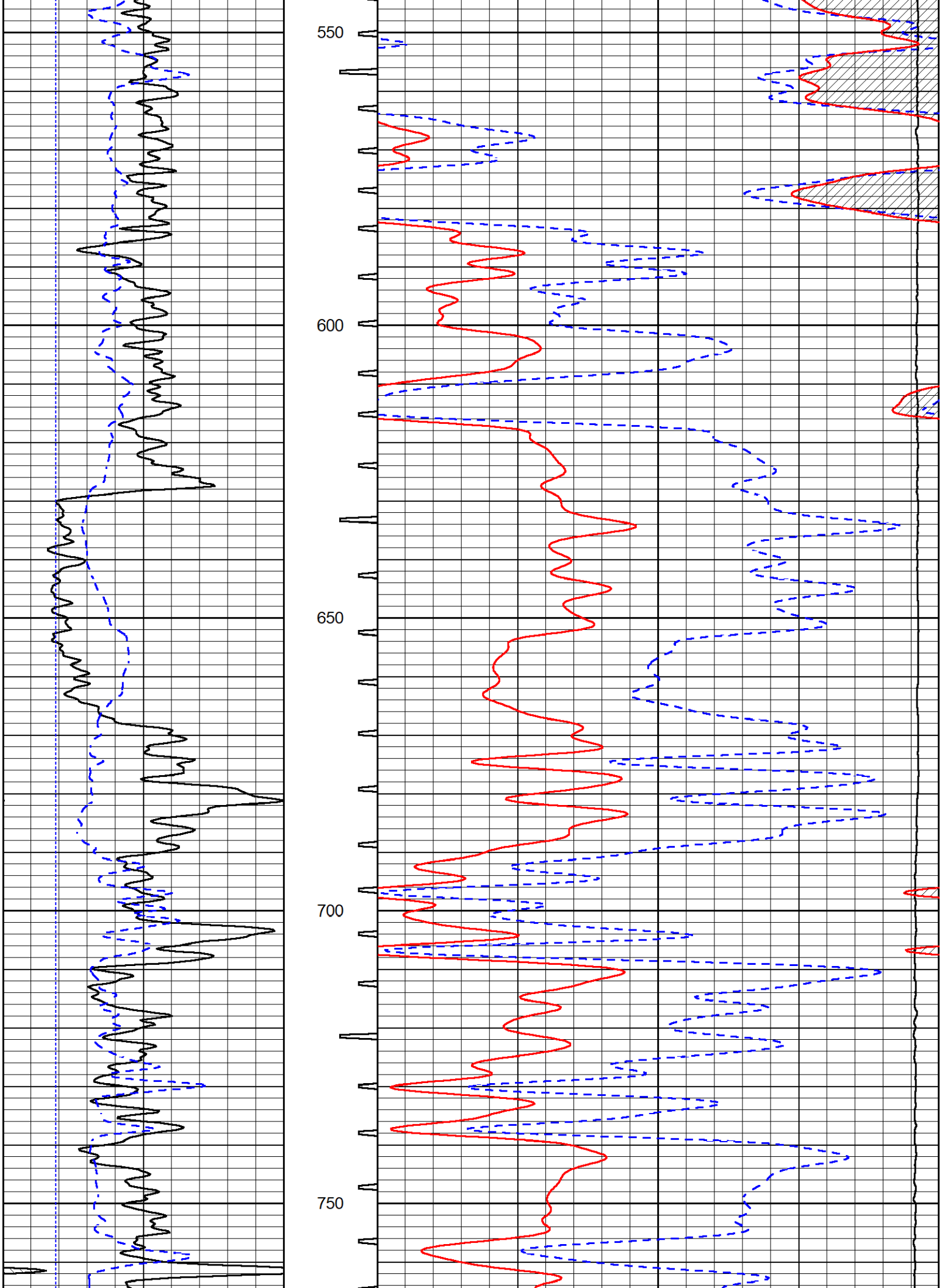
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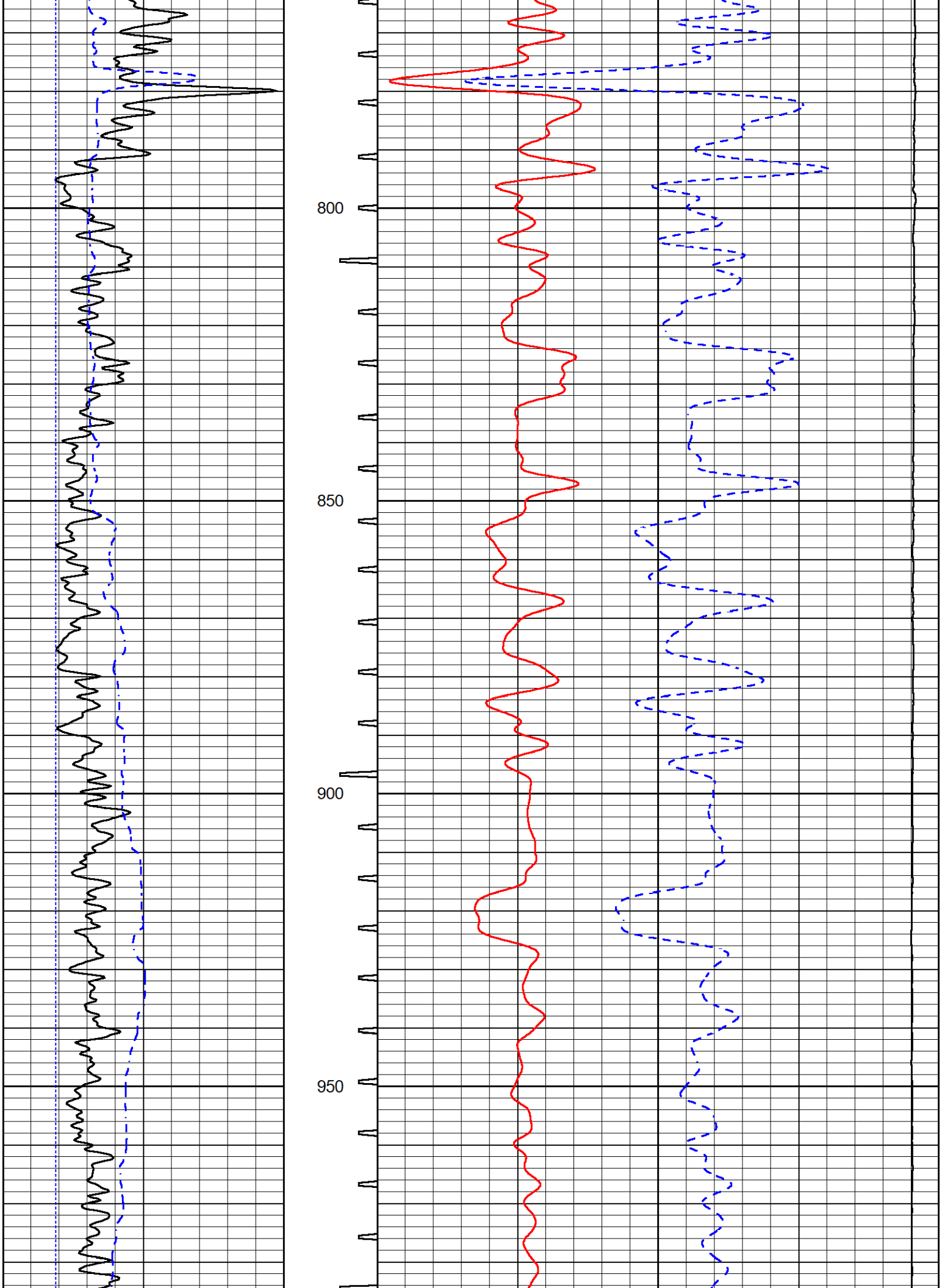
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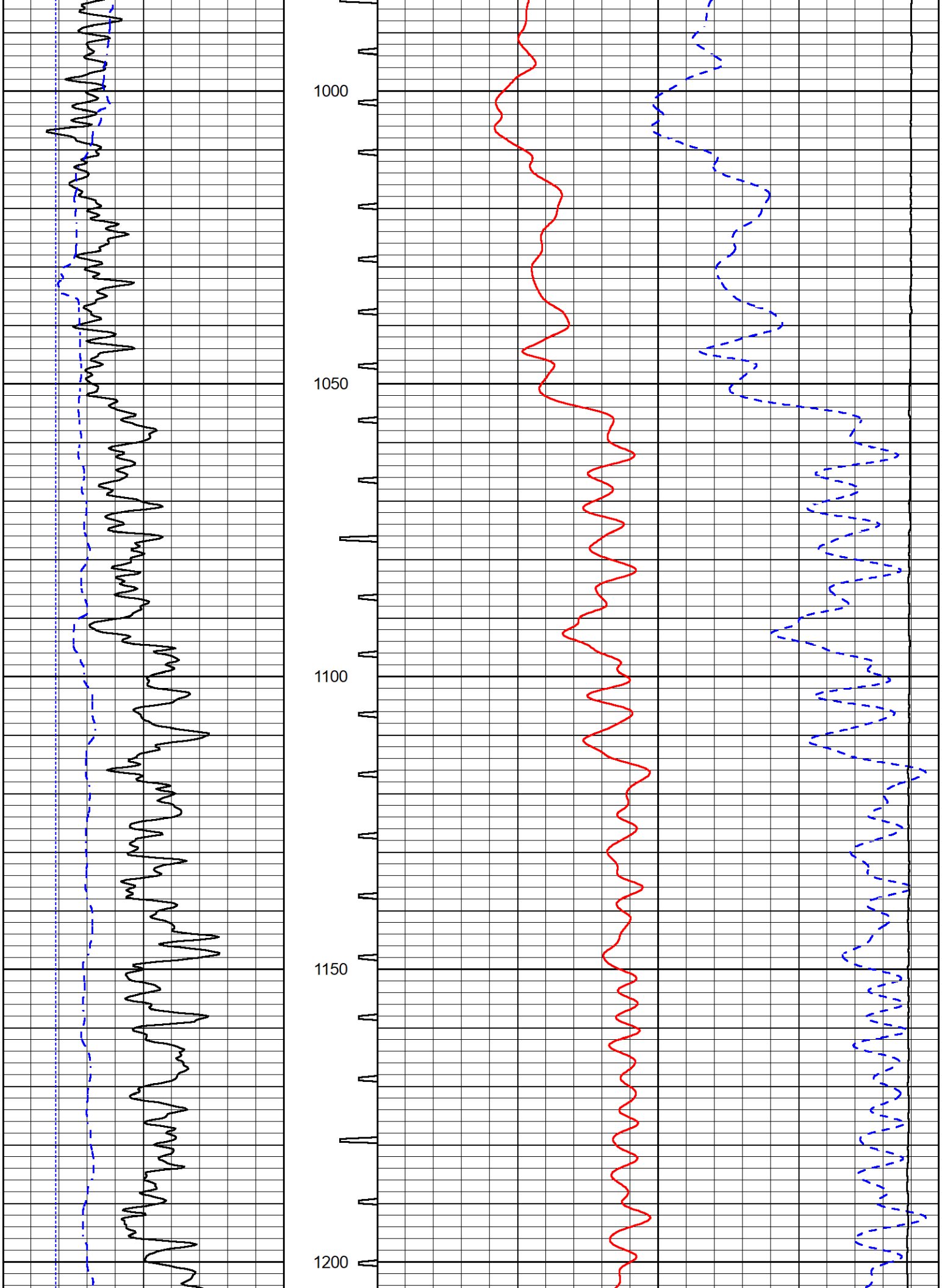
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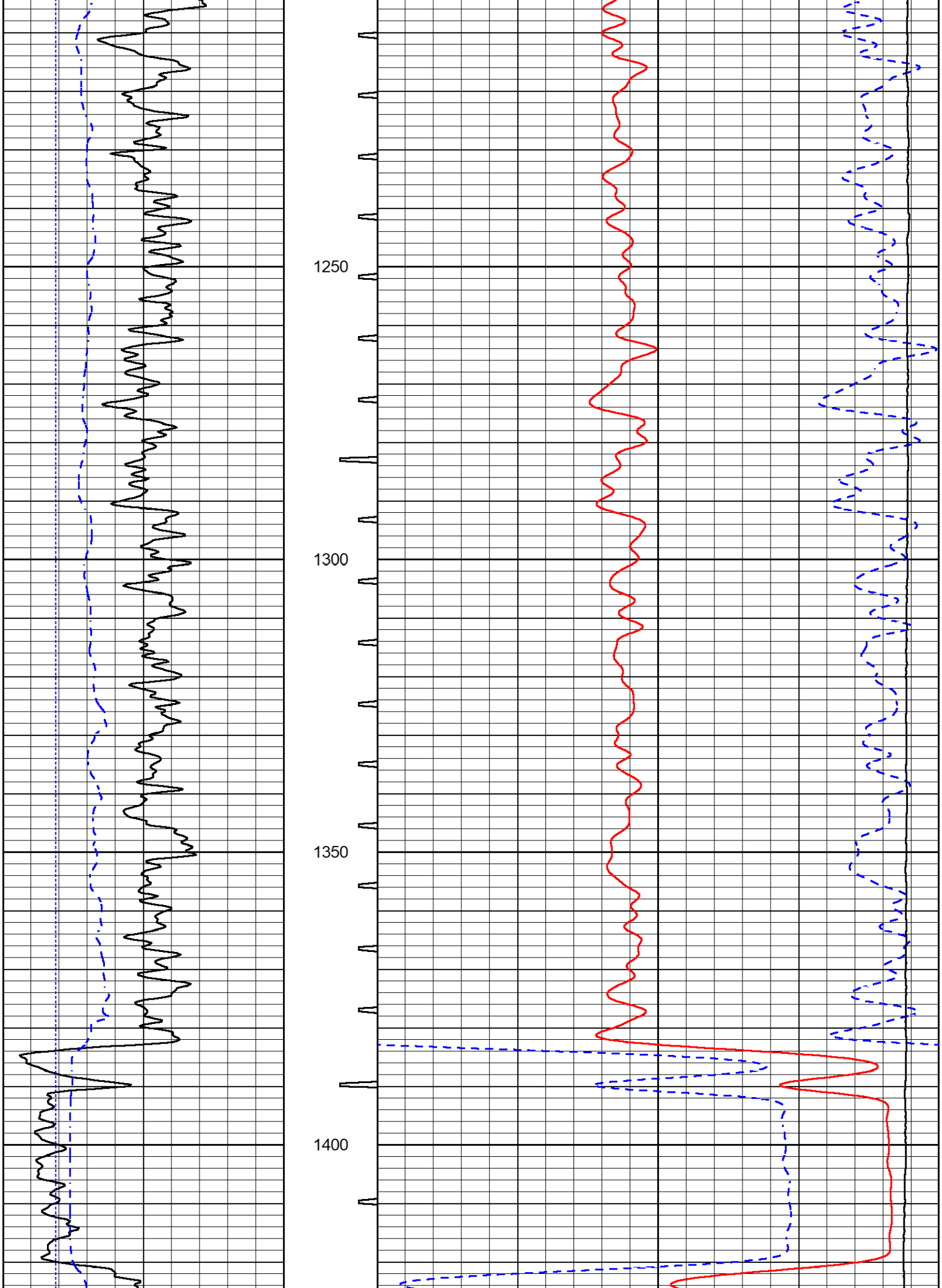
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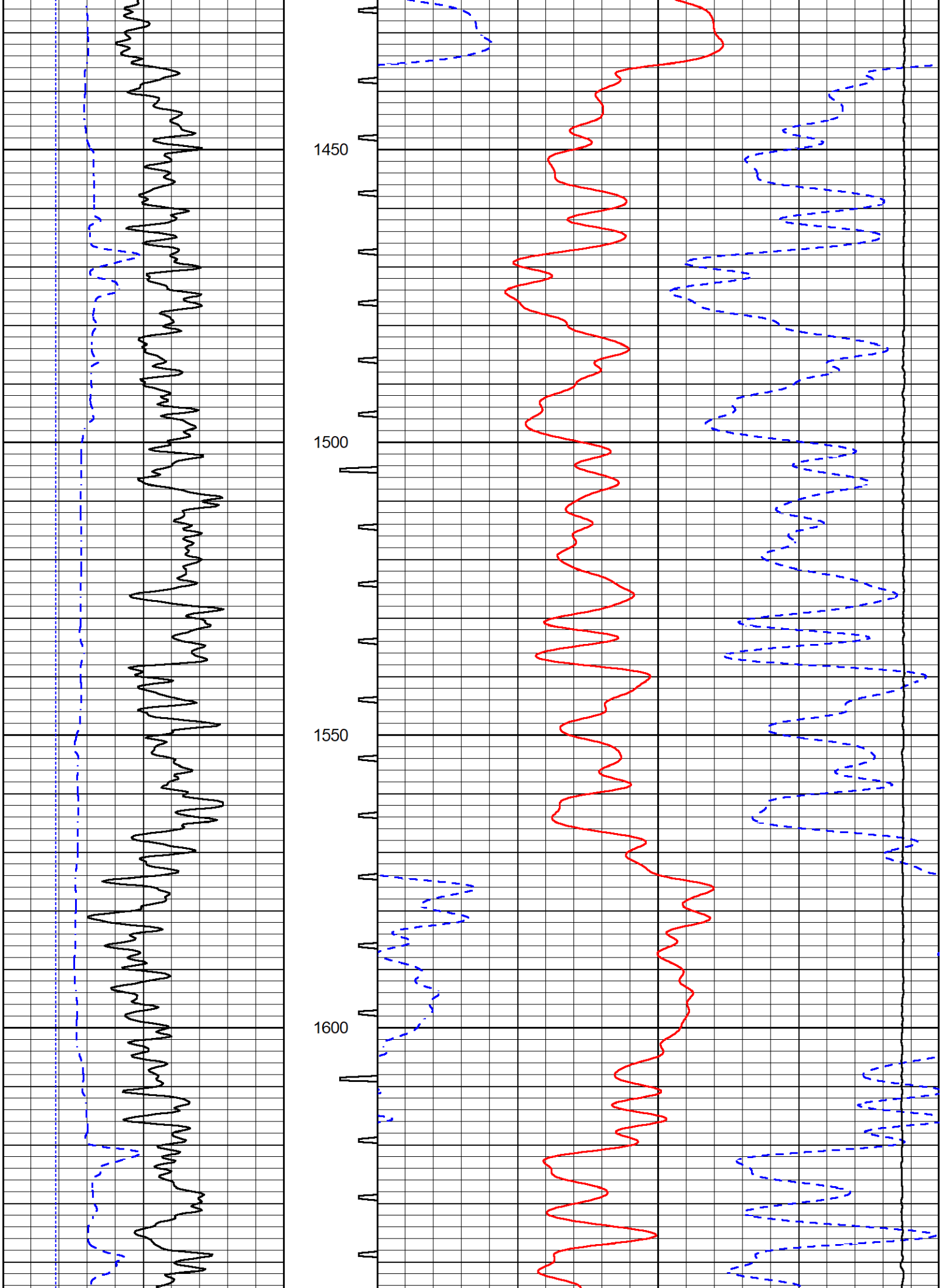
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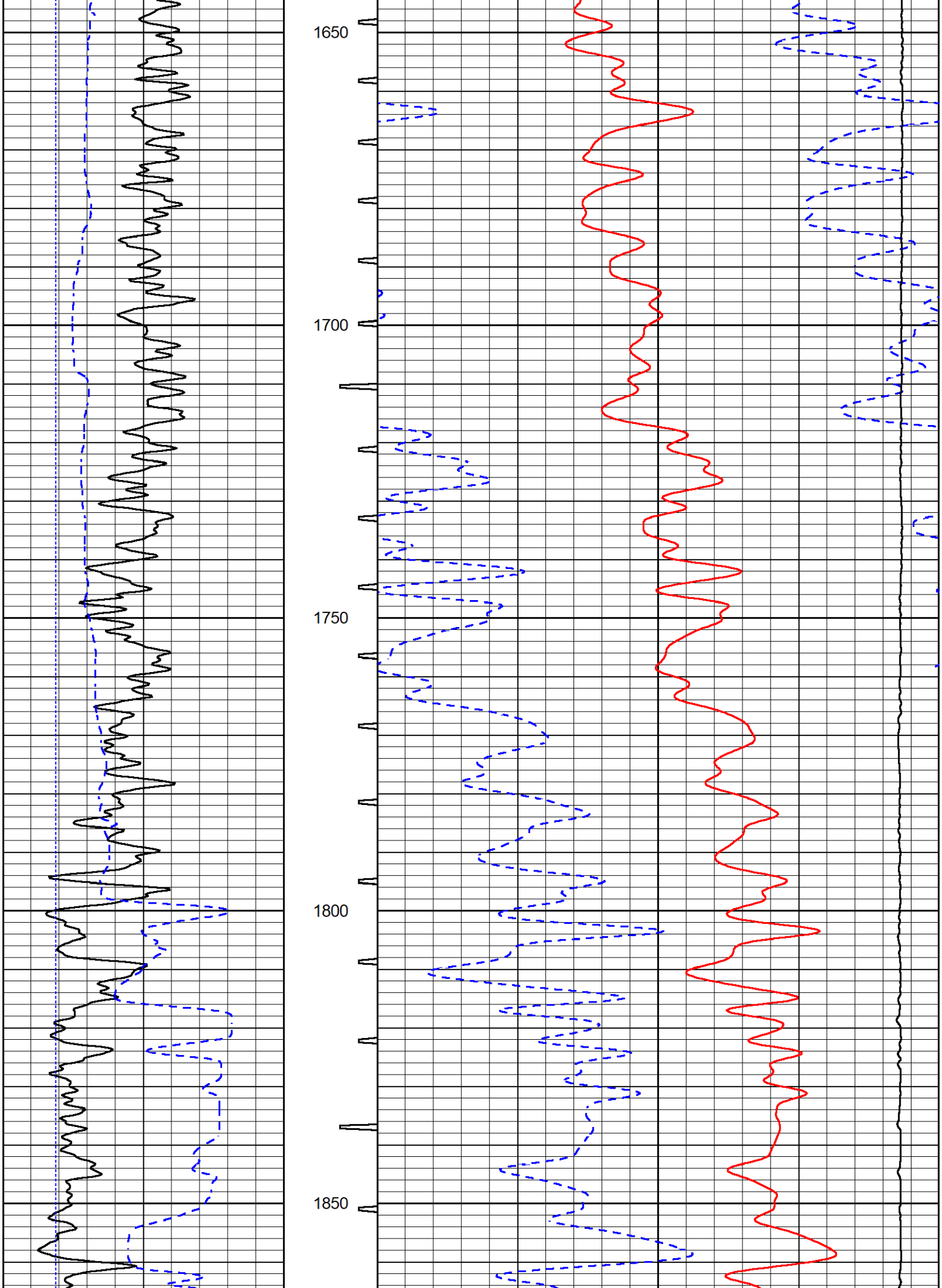
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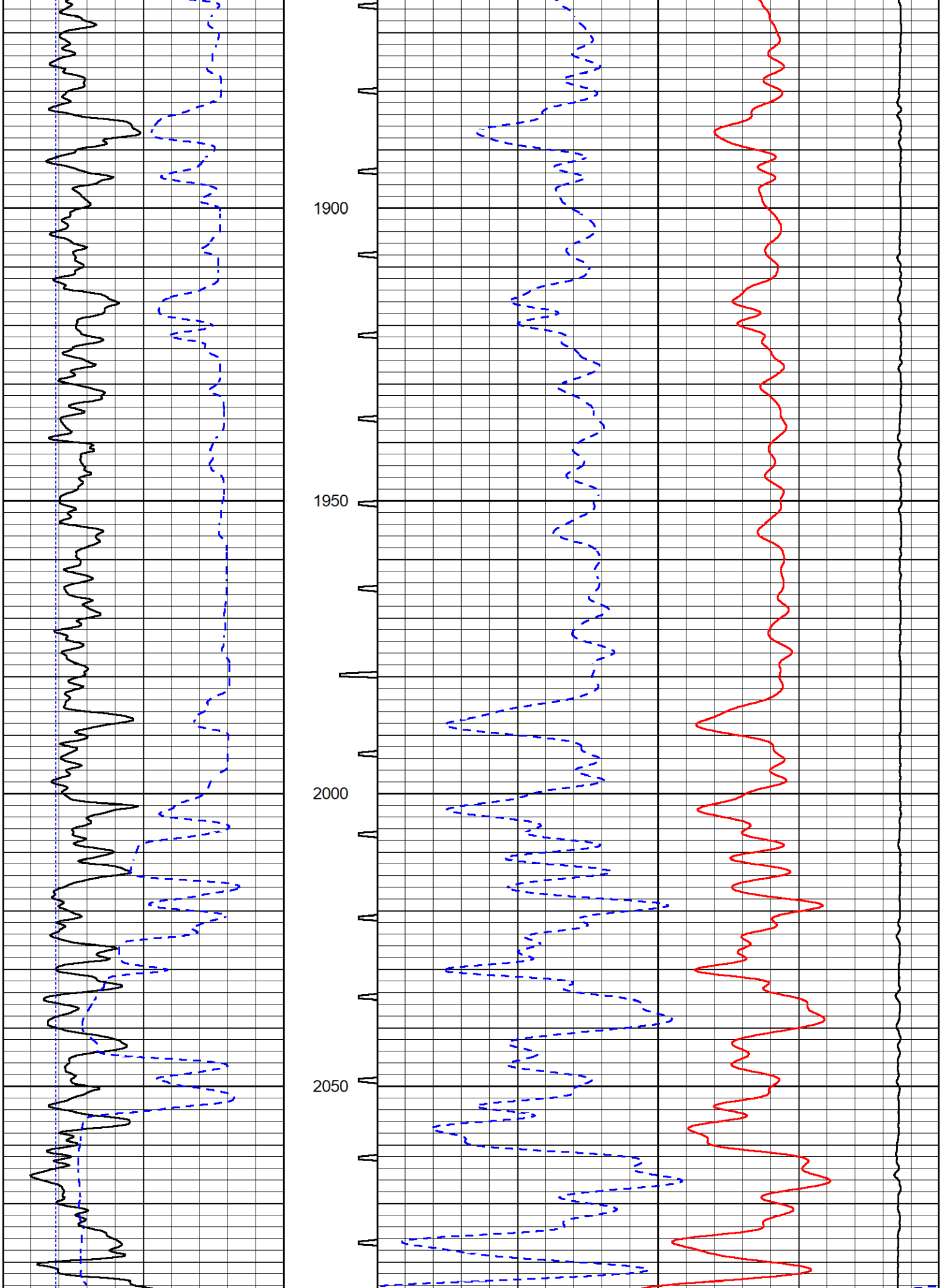
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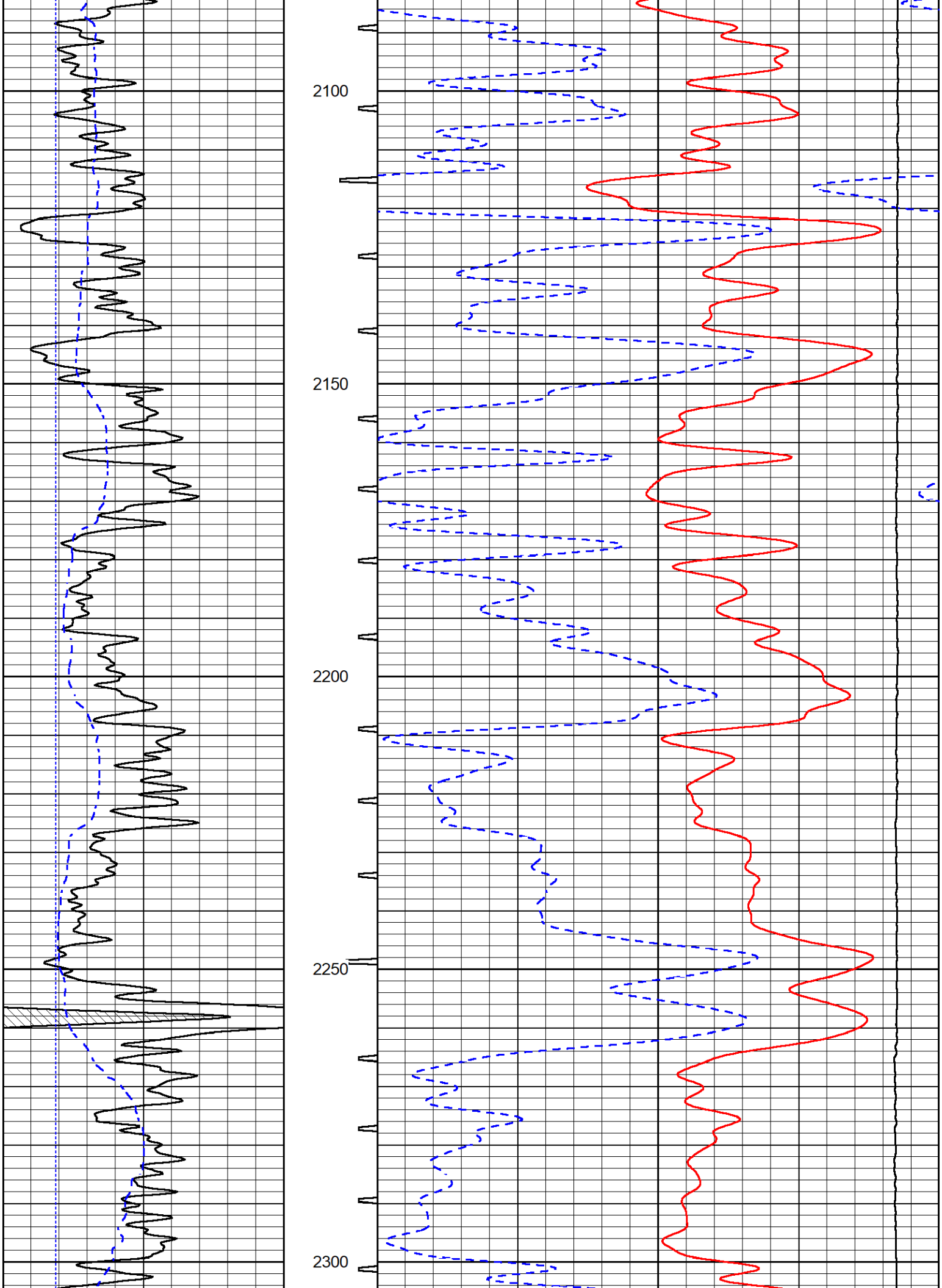
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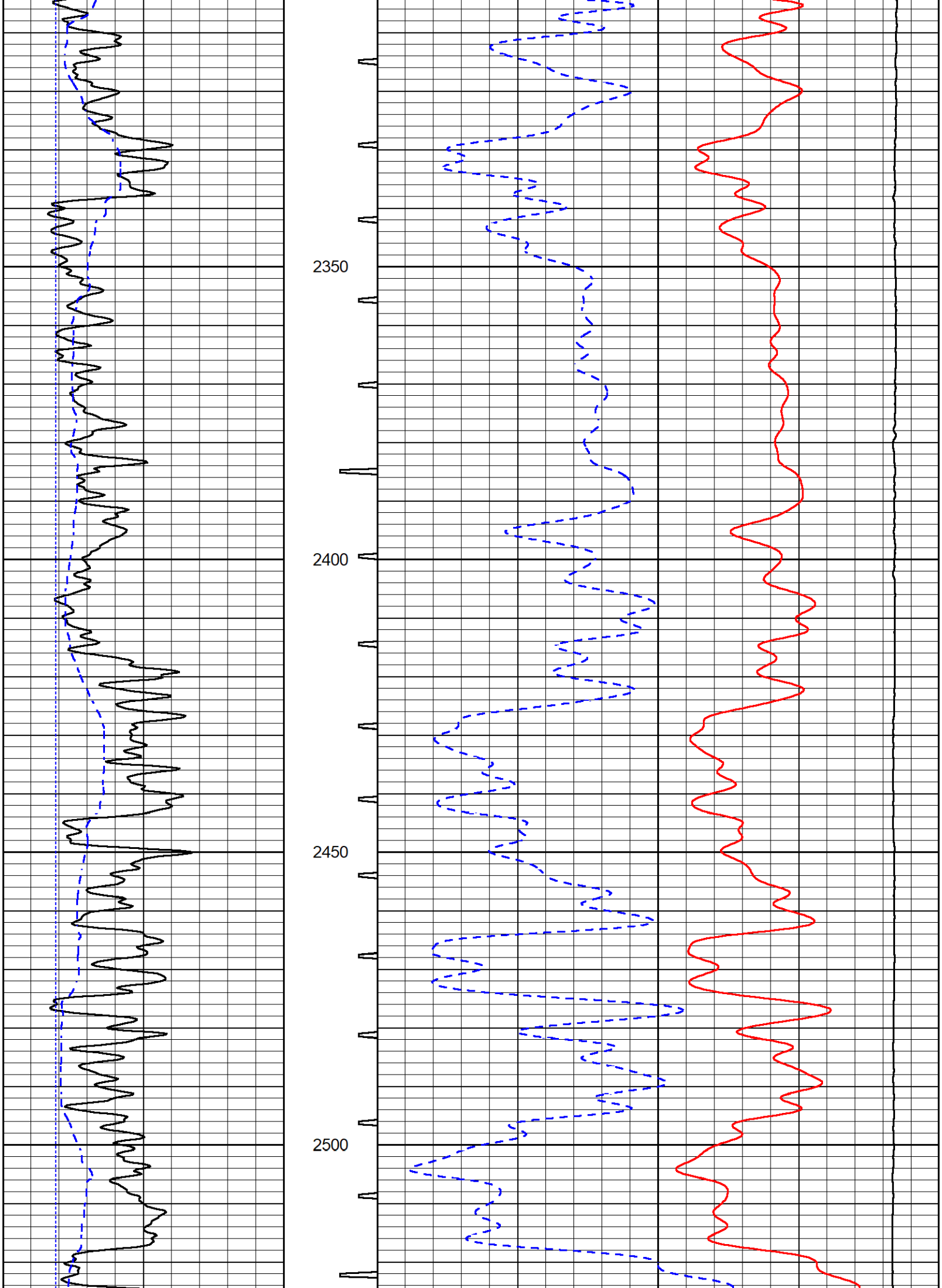
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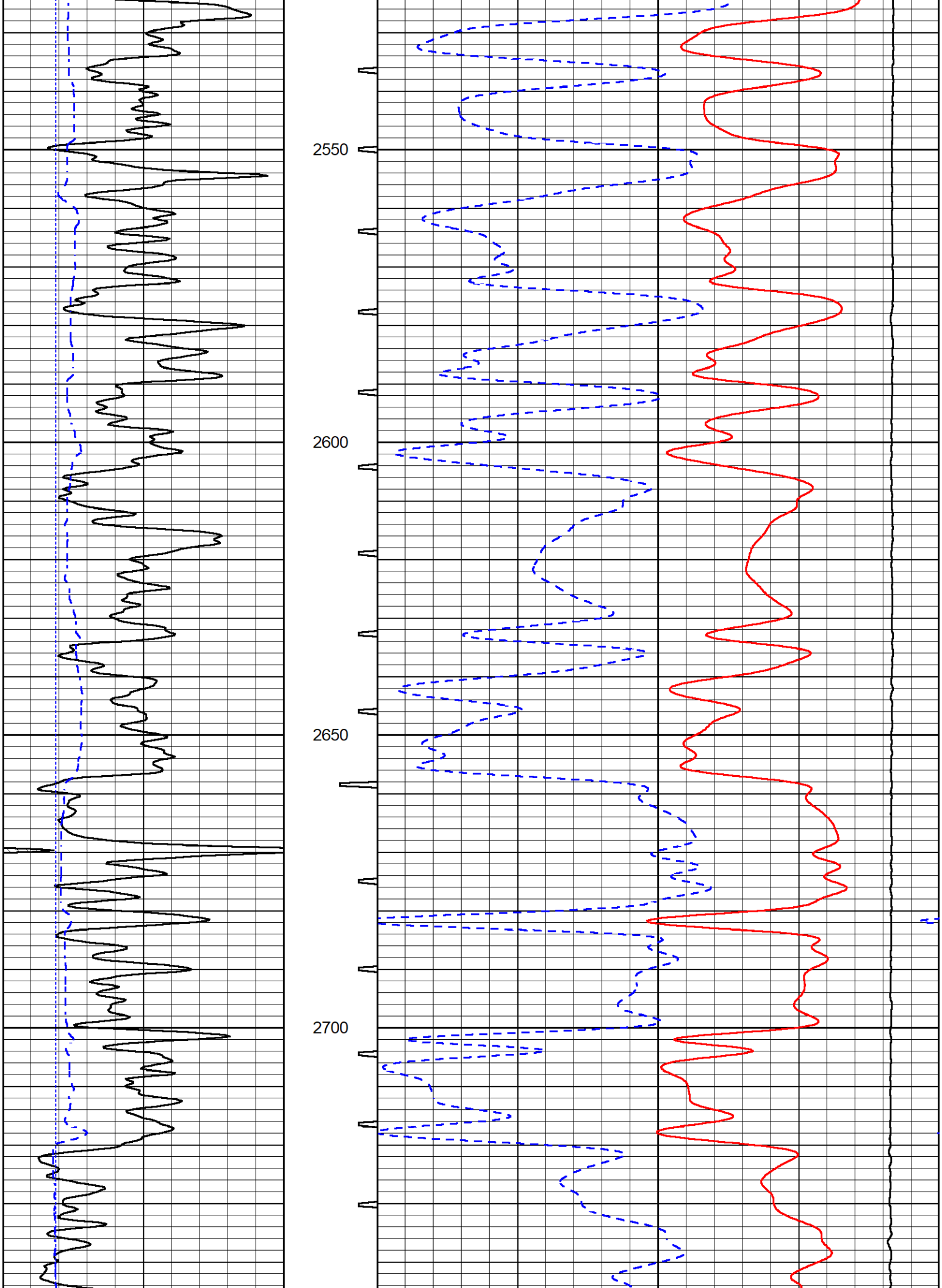
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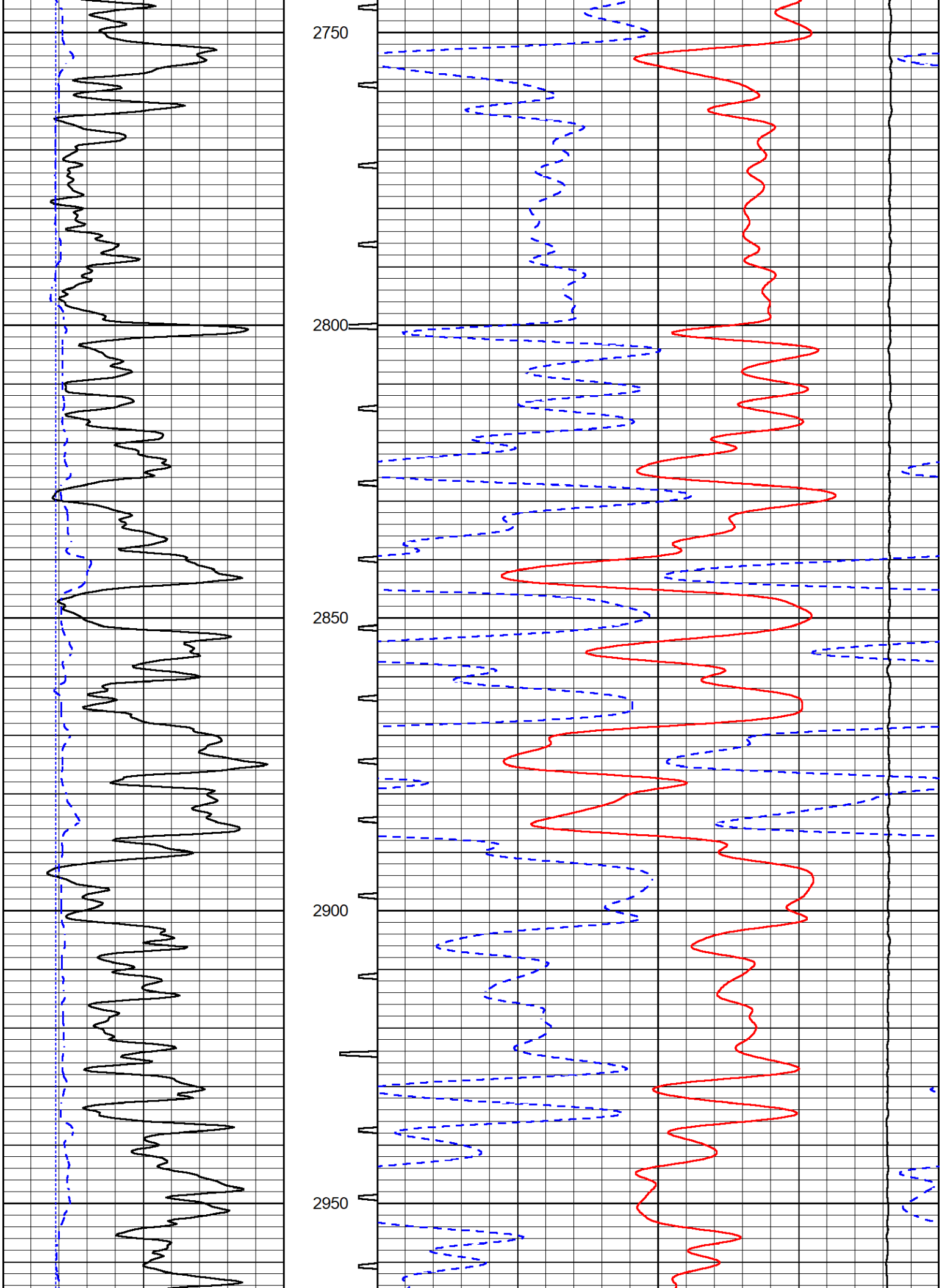
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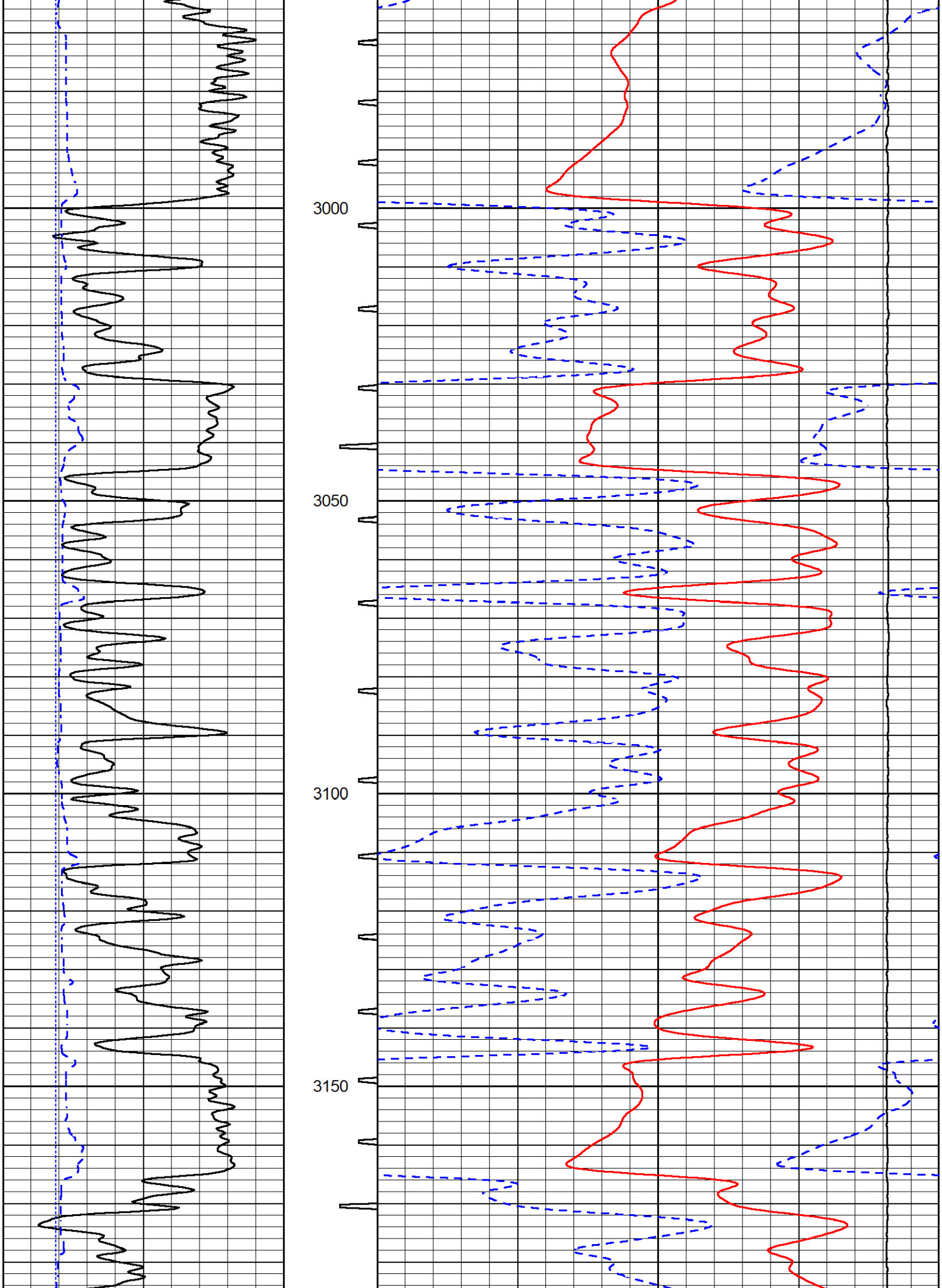
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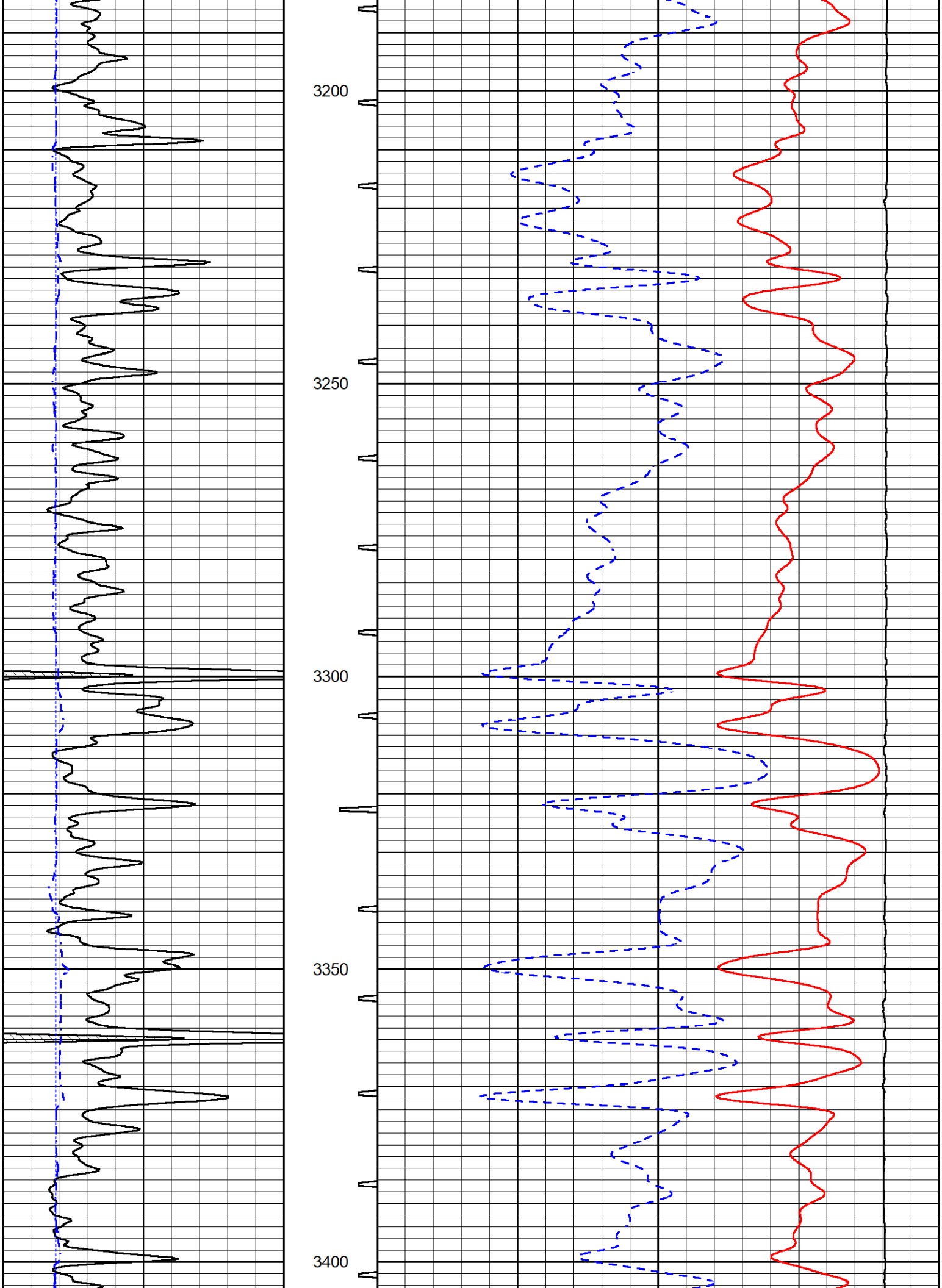
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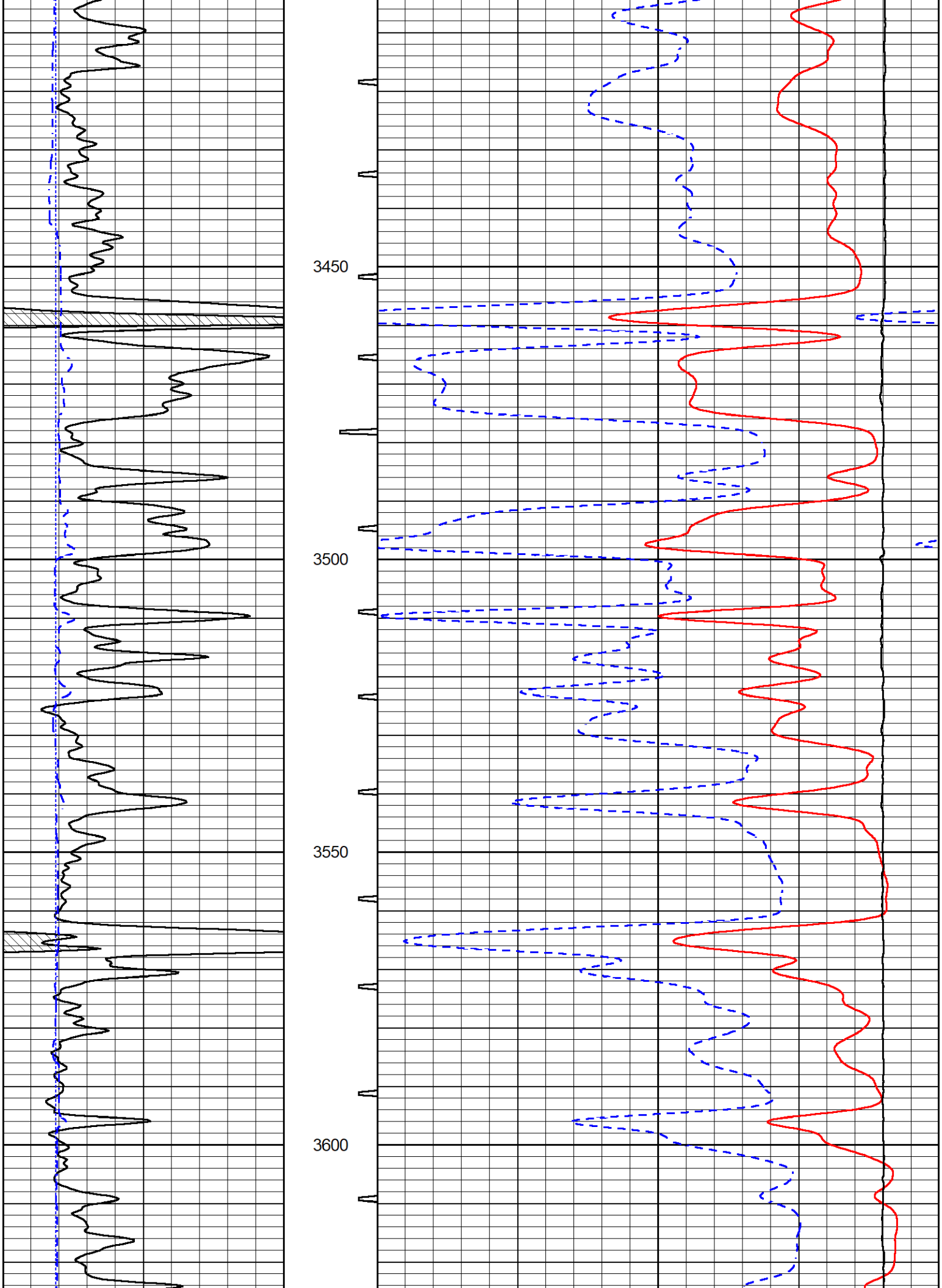
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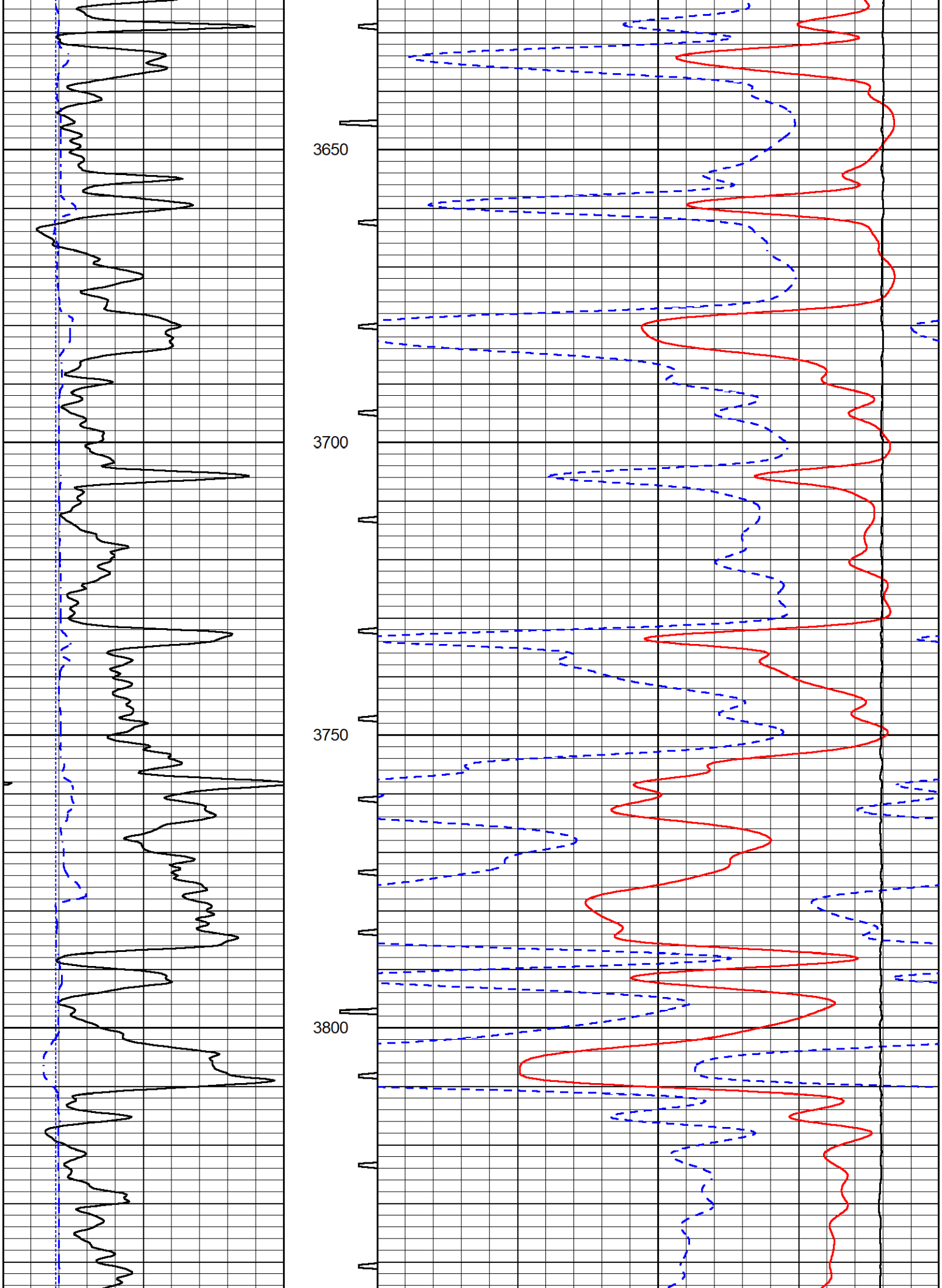
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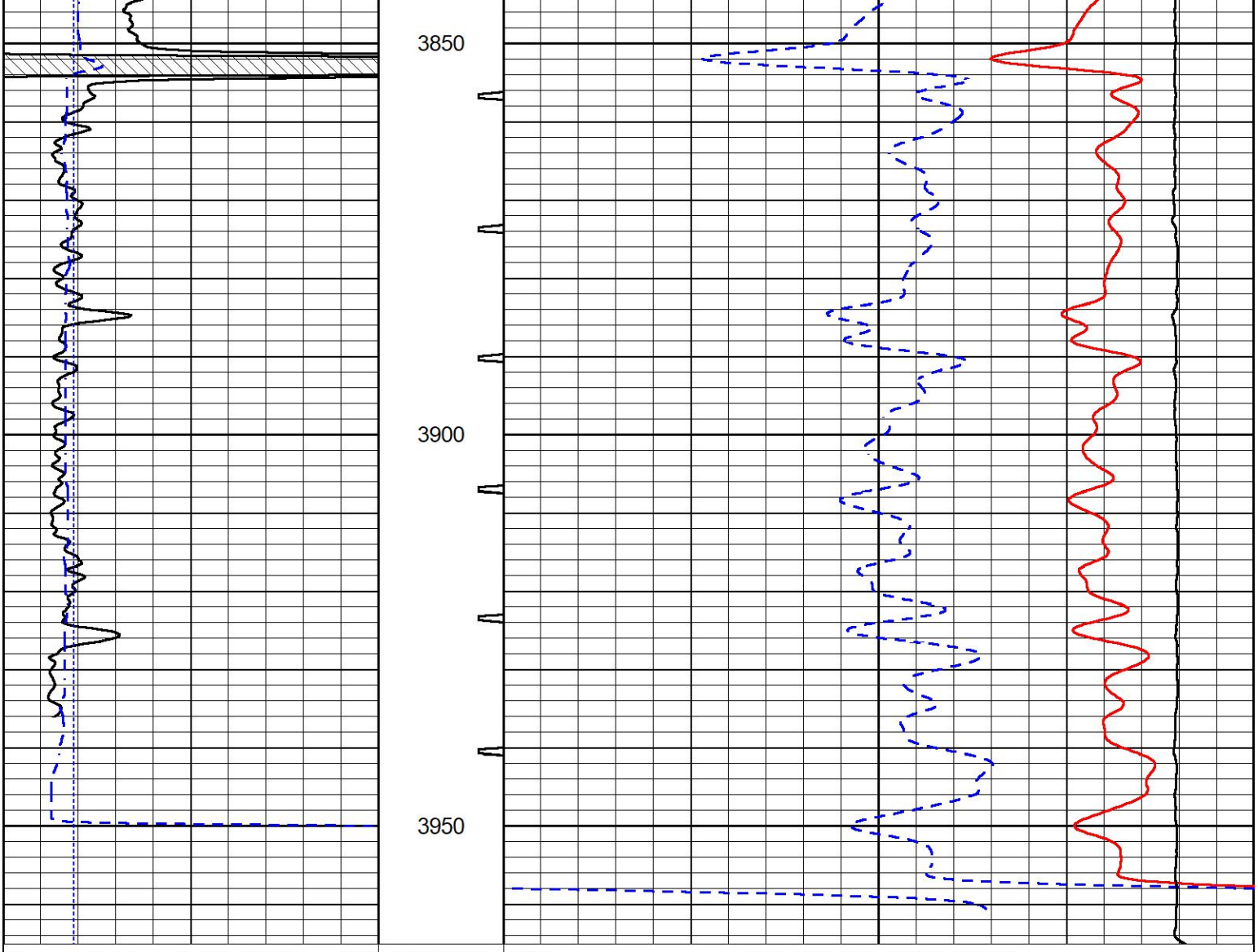

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MIDWEST WIRELINE

REPEAT SECTION

REPEAT PASS

Database File	double g_mj1 #1.db
Dataset Pathname	Stack/pass2.1
Presentation Format	_sonic
Dataset Creation	Thu Mar 07 00:30:23 2024
Charted by	Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	Sonic Int	140	Delta Time (usec/ft) (usec/ft)	40
150	GR (GAPI)	300	5 (msec) 0	30	Sonic Porosity (pu) (pu)	-10
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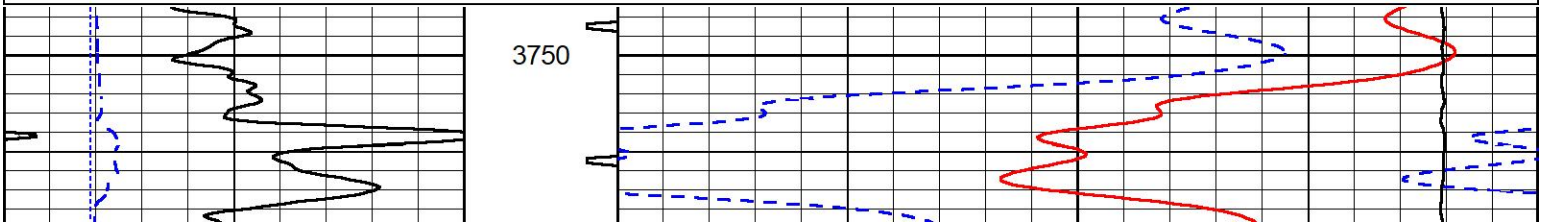

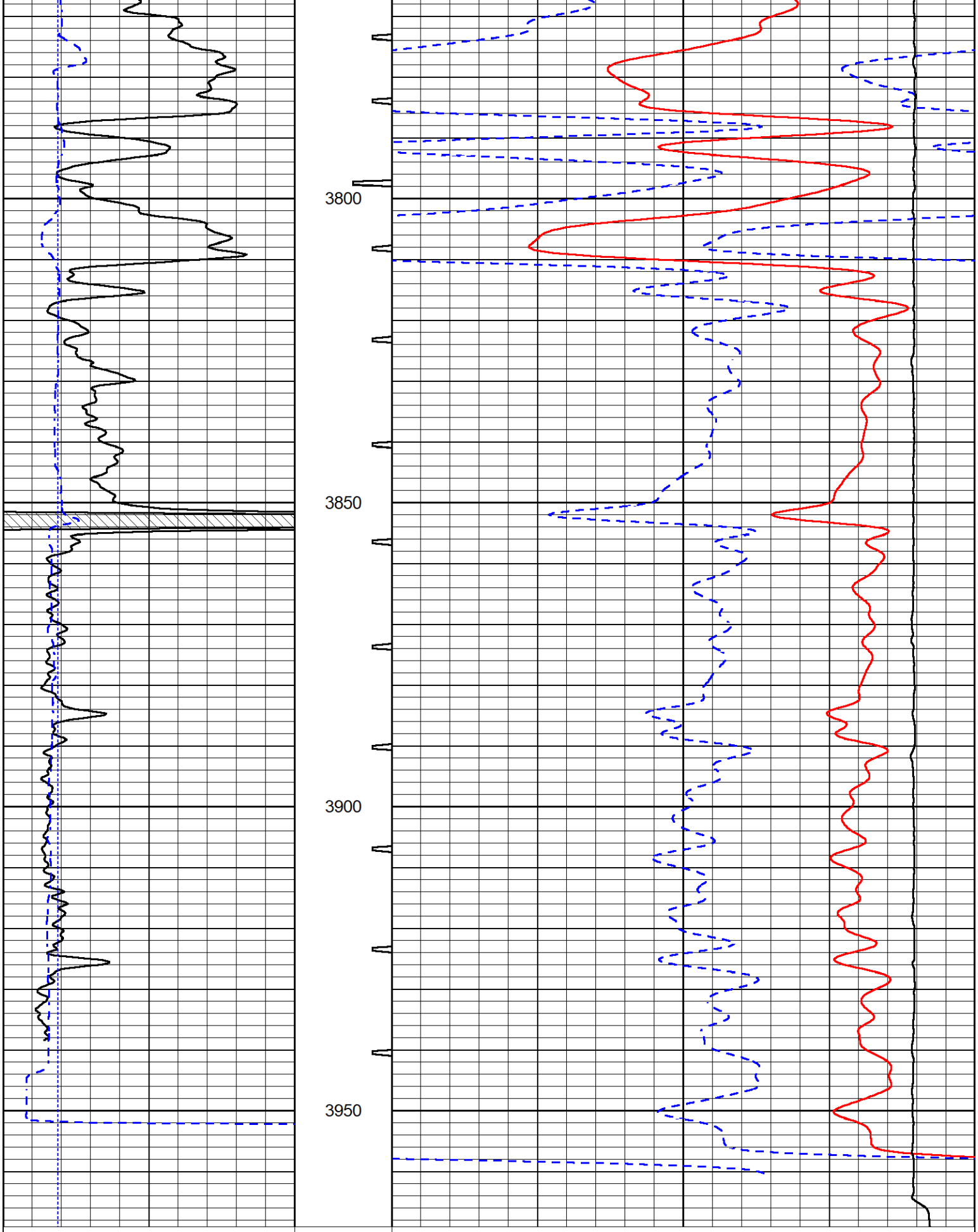

0	Gamma Ray (GAPI)	150	Sonic Int	140	Delta Time (usec/ft) (usec/ft)		40
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Field	Keough Northeast
County	Rush
State	Kansas