MIDWEST WIRELINE

BOREHOLE COMPENSATED SONIC LOG

Company Thomas Garner, Inc.
Well Tiger Unit #1
Field
County Stafford State Kansas
Location: API # : 15-185-24116-00-00
NE NW NW NE
86 FNL & 2010 FWL
SEC 17 TWP 24S RGE 13W

Other Services
CNL/CDL
MEL/DIL

Elevation
K.B. 1935
D.F.
G.L. 1922

Permanent Datum Ground Level Elevation 1922
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing

Company Thomas Garner, Inc.
Well Tiger Unit #1
Field
County Stafford
State Kansas

Date	8/19/2022
Run Number	Two
Type Log	BHCS
Depth Driller	4117
Depth Logger	4116
Bottom Logged Interval	4104
Top Logged Interval	350
Type Fluid In Hole	Chemical
Salinity, PPM CL	5500
Density	9.3
Level	Full
Max. Rec. Temp. F	117
Operating Rig Time	4.5 Hours
Equipment -- Location	P-24 Hays
Recorded By	T. Martin
Witnessed By	Keath Reavis

Borehole Record

Run No.	Bit	From	To
One	12.25	00	396
Two	7.875	396	TD

Casing Record

Size	Wgt.	From	To
8.625	23	00	396
		Tom Garner	

<<< Fold Here >>>

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.

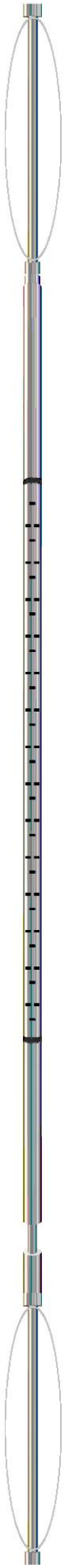
St. John, KS, S to NW 110th,
1.5 W, S into

Log Measured From: Kelly Bushing 13 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: Keath Reavis
Operator:	Secondary Witness: Tom Garner
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
			CENT-PENGO (3-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 (4-PENGO)	4.25	3.00	70.00

Dataset: garner_tiger unit #1.db: field/well/Sonic/pass3
Total length: 24.50 ft
Total weight: 440.00 lb
O.D.: 3.50 in

Log Variables

DatabaseC:\ProgramData\Warrior\Data\garner_tiger unit #1.db
Dataset field/well/StkMl/pass3.1/_vars_

Top - Bottom

A	BOREID in	BOTTEMP degF	CASEOD in	CASETHCK in	FLUIDDEN g/cc	M	MATRXDEN g/cc
1	7.875	117	5.5	0	1	2	2.71

NPORSEL	PERFS	SNDERR mmho/m	SNDERRM mmho/m	SPSHIFT mV	SRFTEMP degF	SZCOR	TDEPTH ft
Limestone	0	0	0	140	80	Off	4116

Variable Description

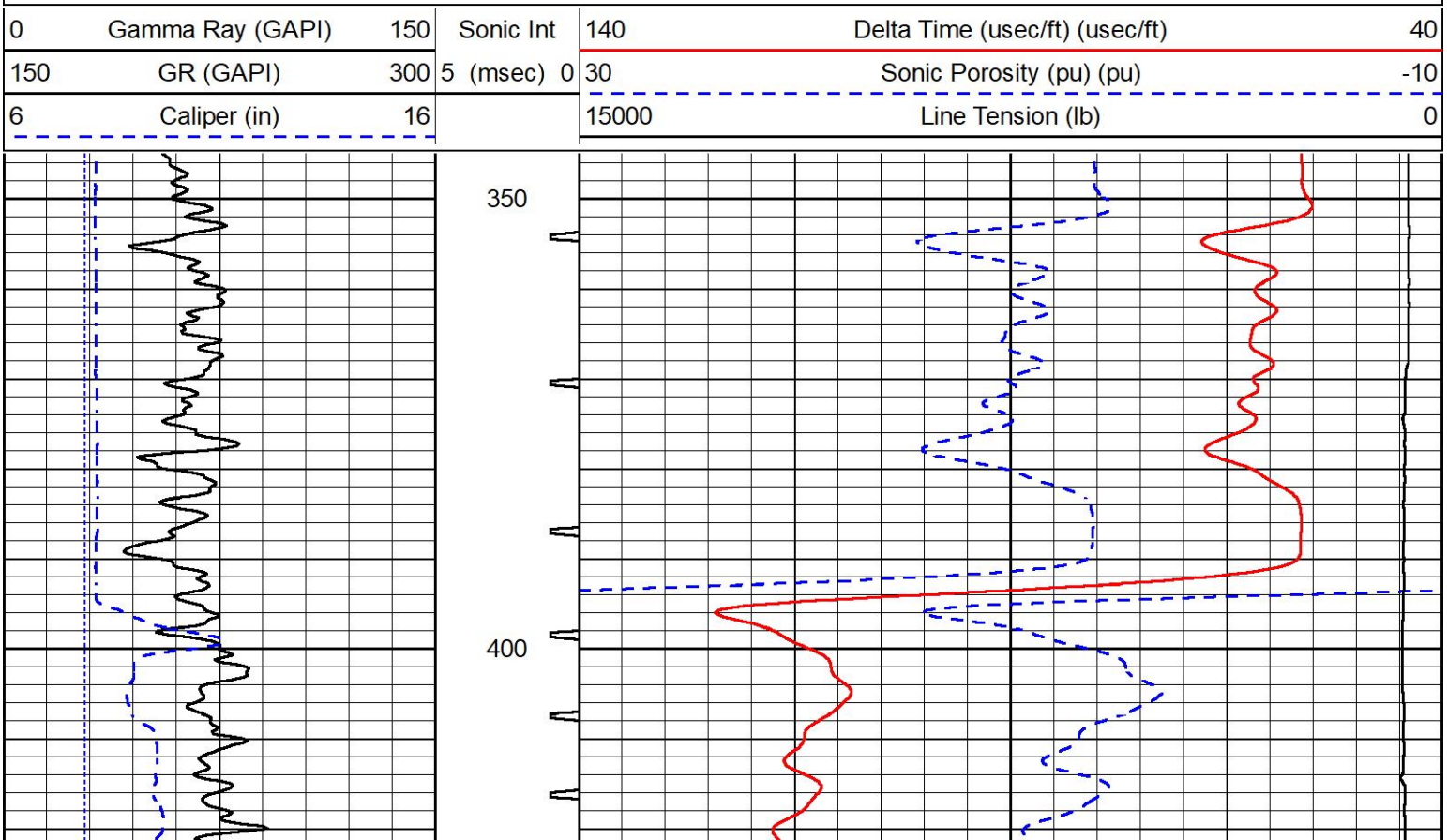
A : Cement Factor (a)
BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
FLUIDDEN : Fluid Density
M : Cement Exp (m)
MATRXDEN : Matrix Density
NPORSEL : Neutron Porosity Curve Select
PERFS : Perforation Flag
SNDERR : Deep Sonde Error Correction
SNDERRM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

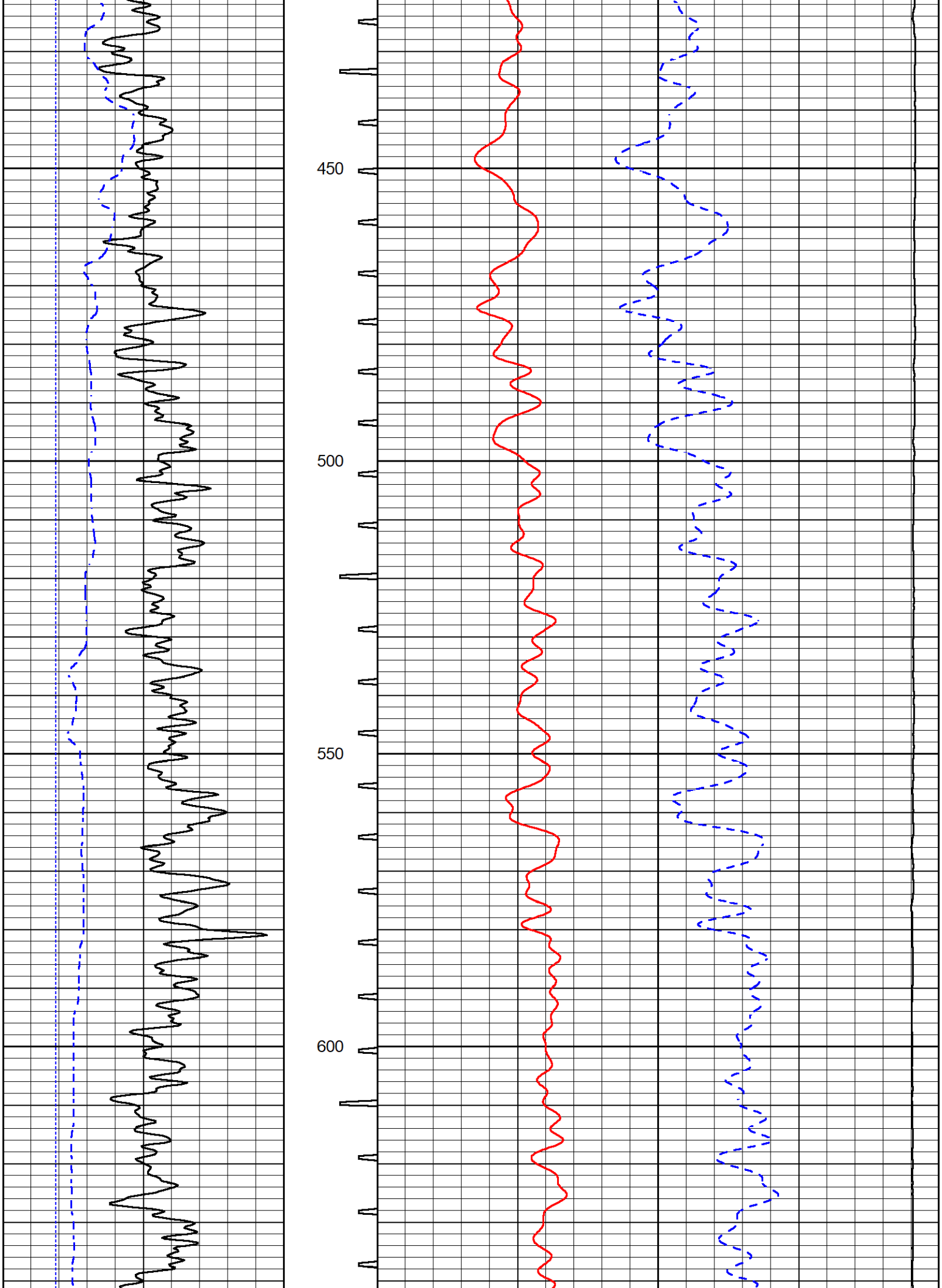
MIDWEST WIRELINE

DETAIL SECTION

MAIN PASS

Database File	garner_tiger unit #1.db
Dataset Pathname	StkMl/pass3.1
Presentation Format	_sonic
Dataset Creation	Fri Aug 19 20:16:46 2022
Charted by	Depth in Feet scaled 1:240

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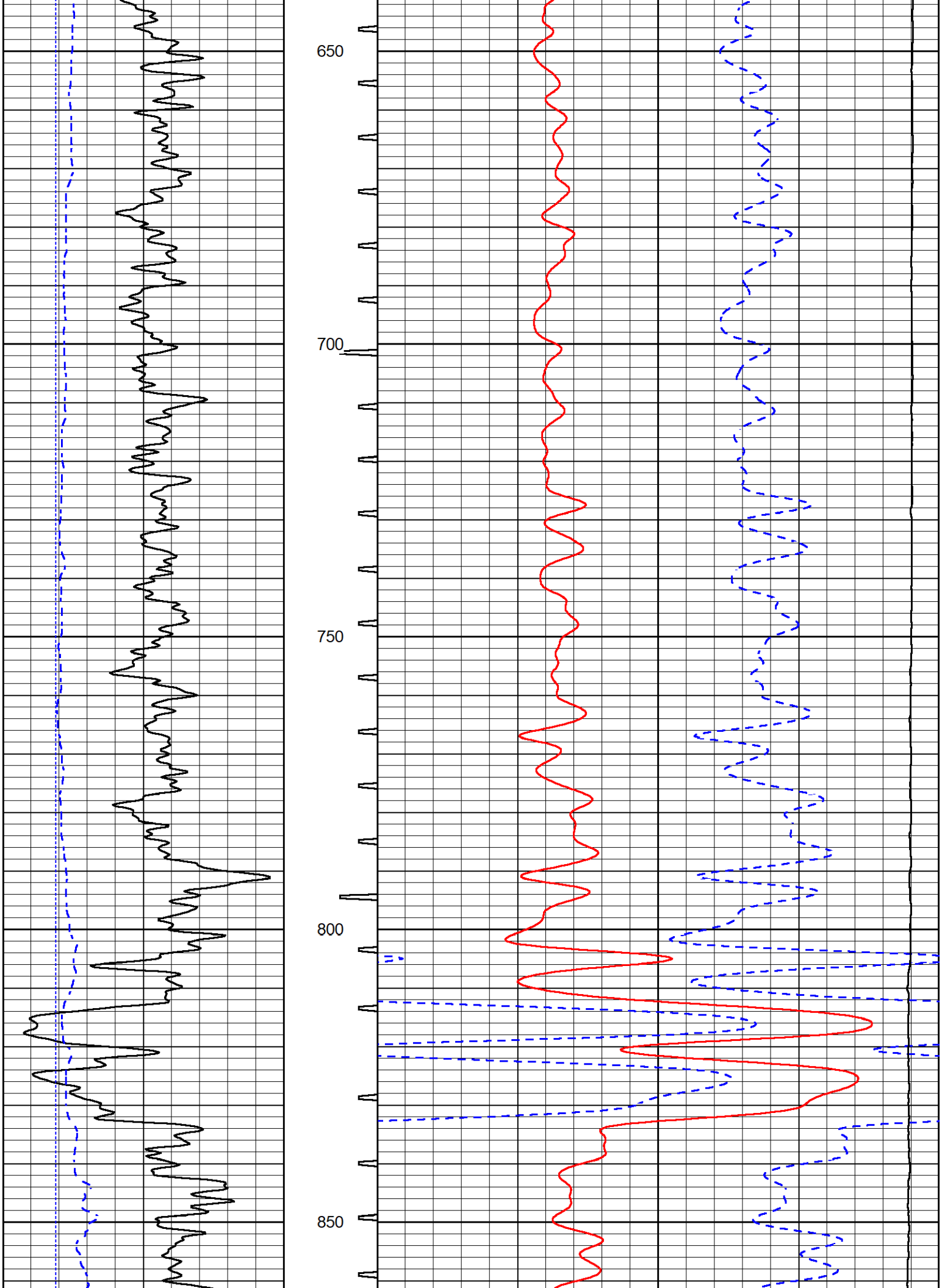
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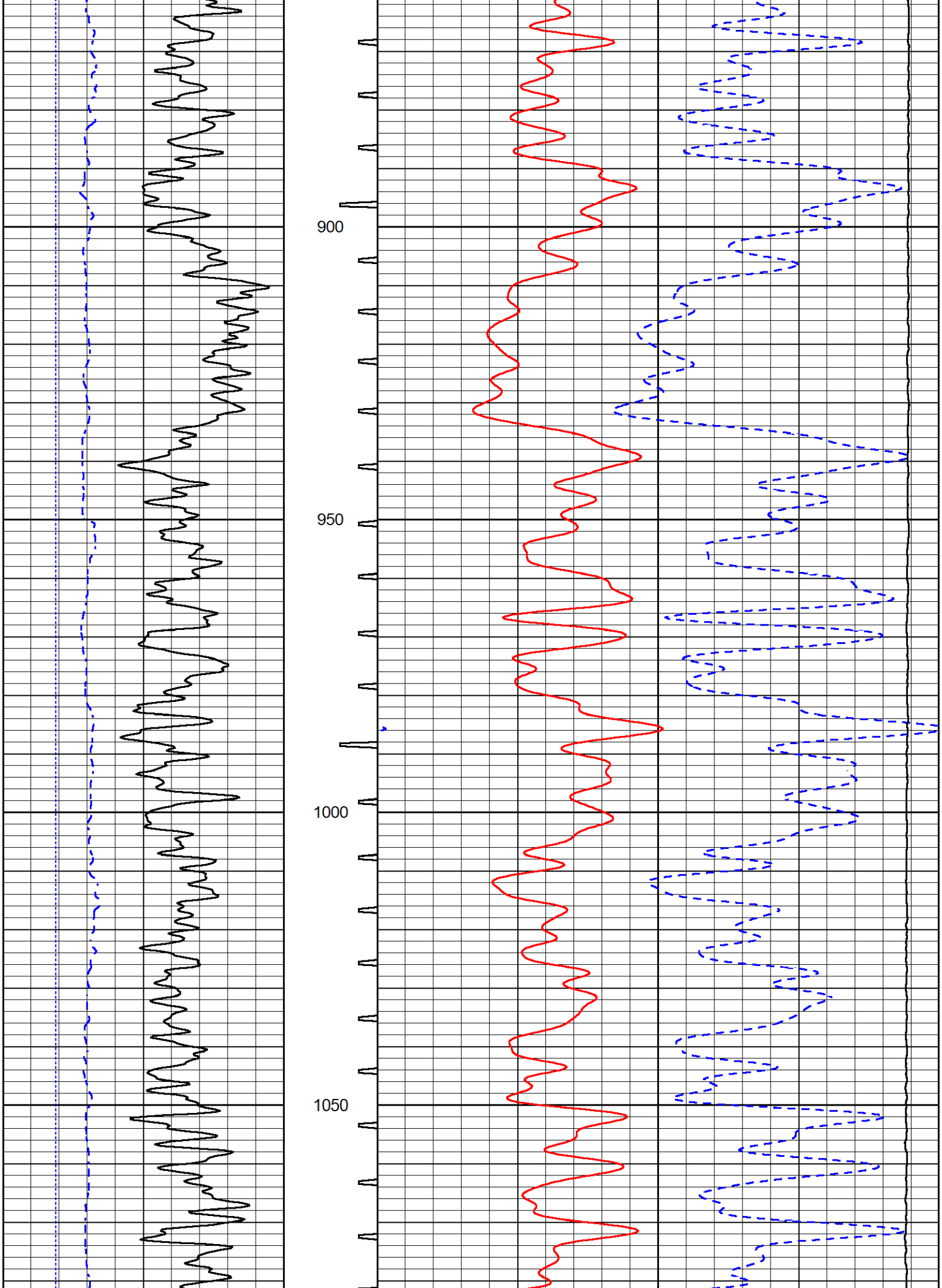
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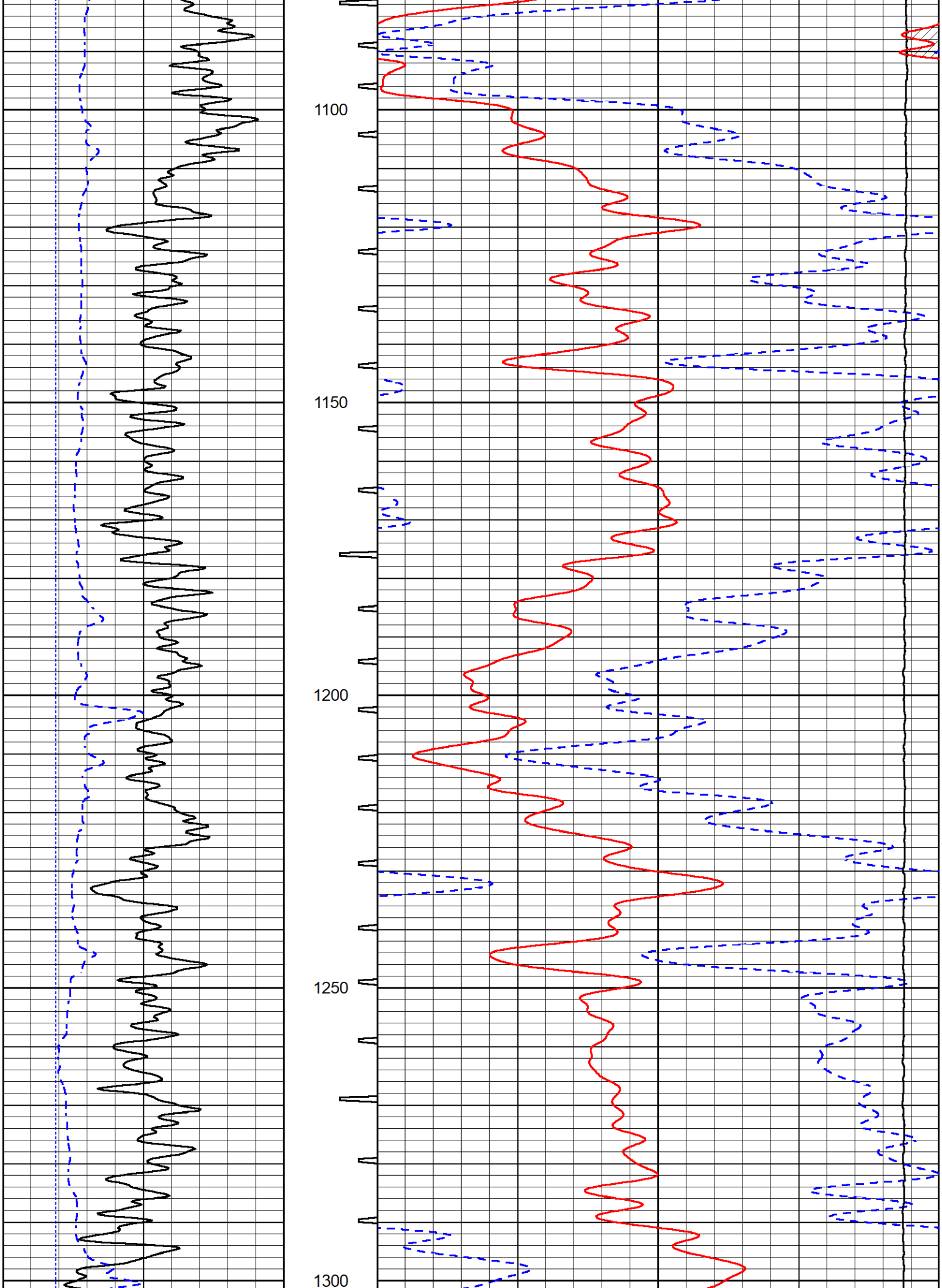
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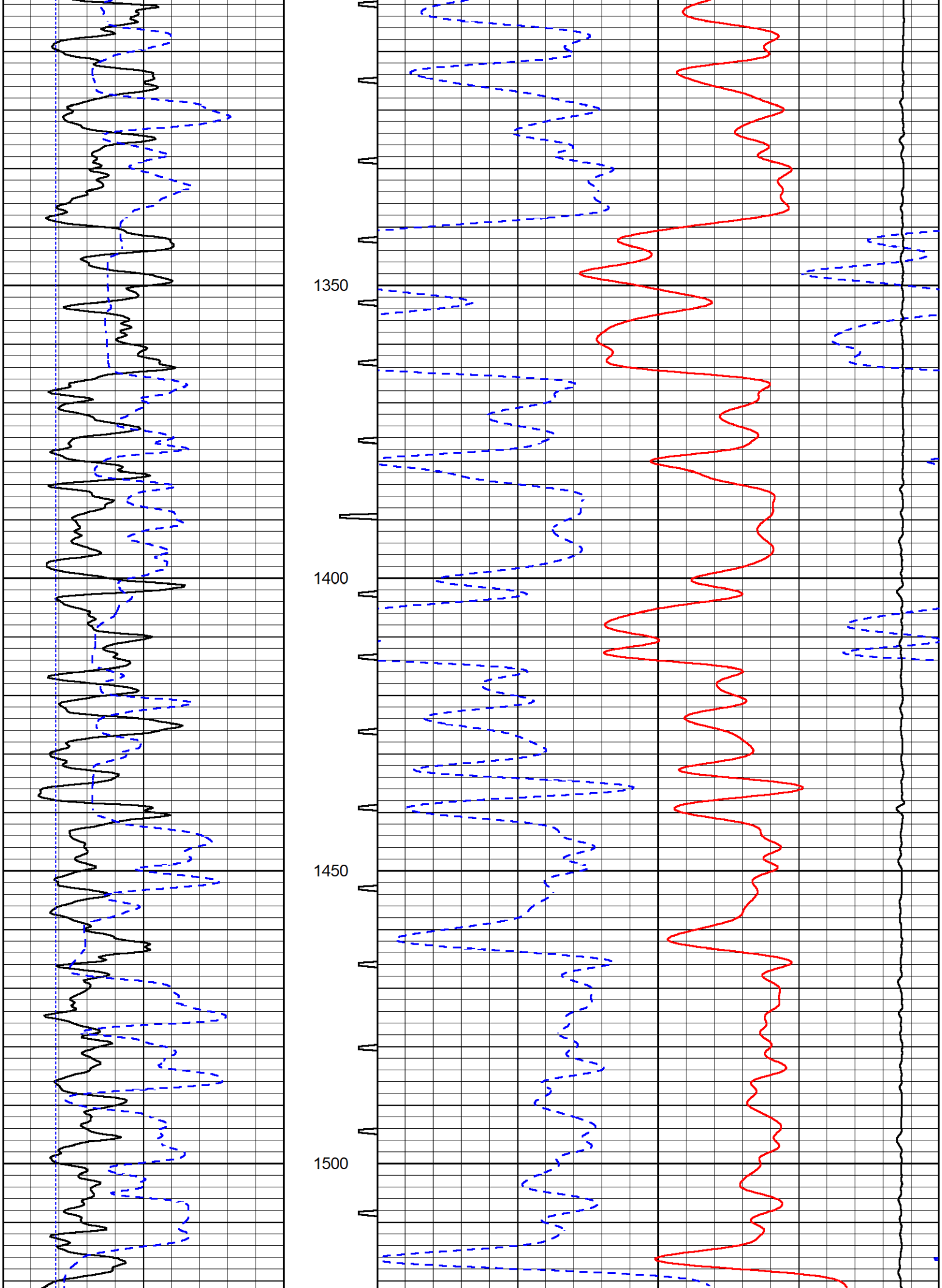
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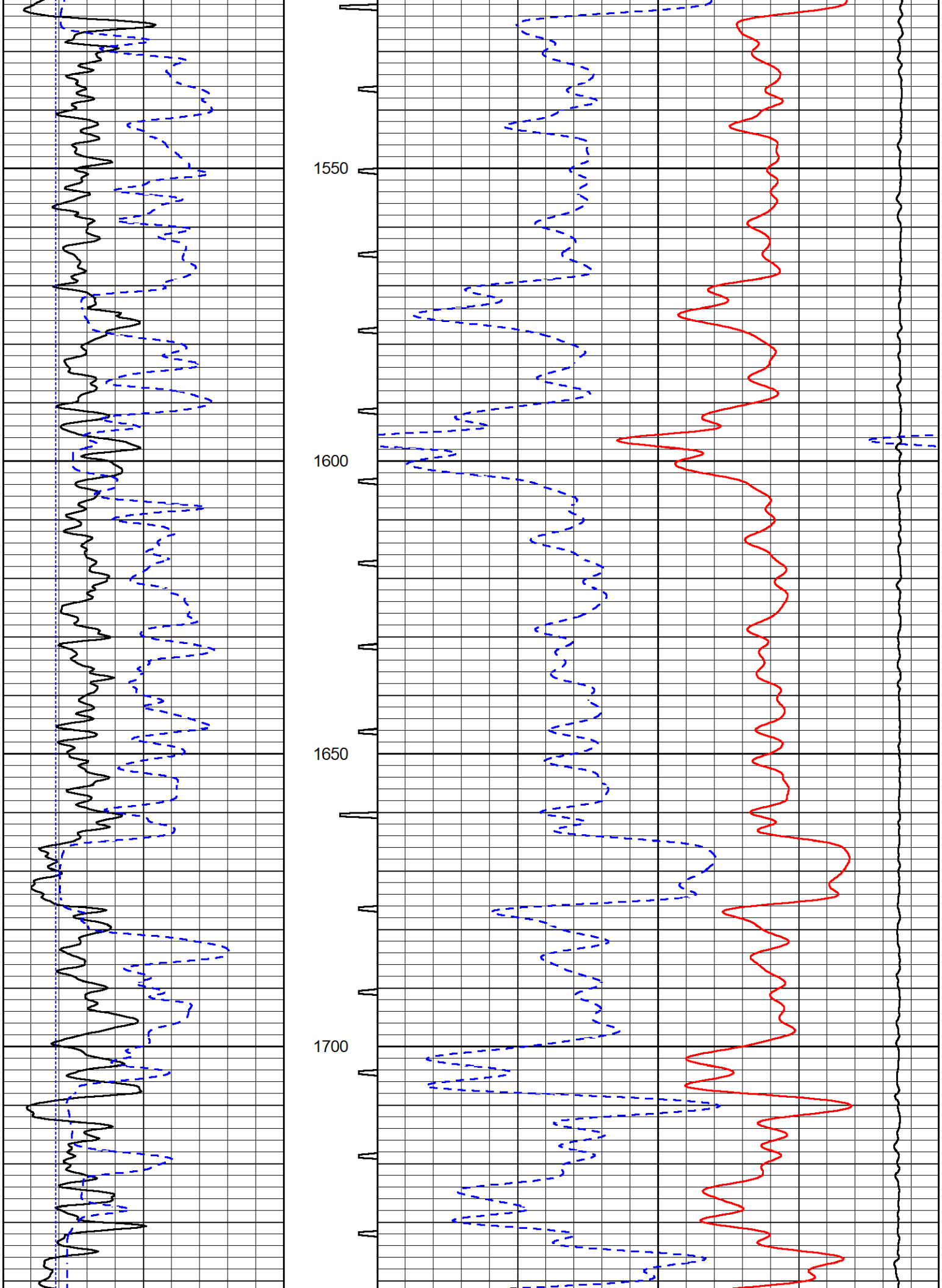
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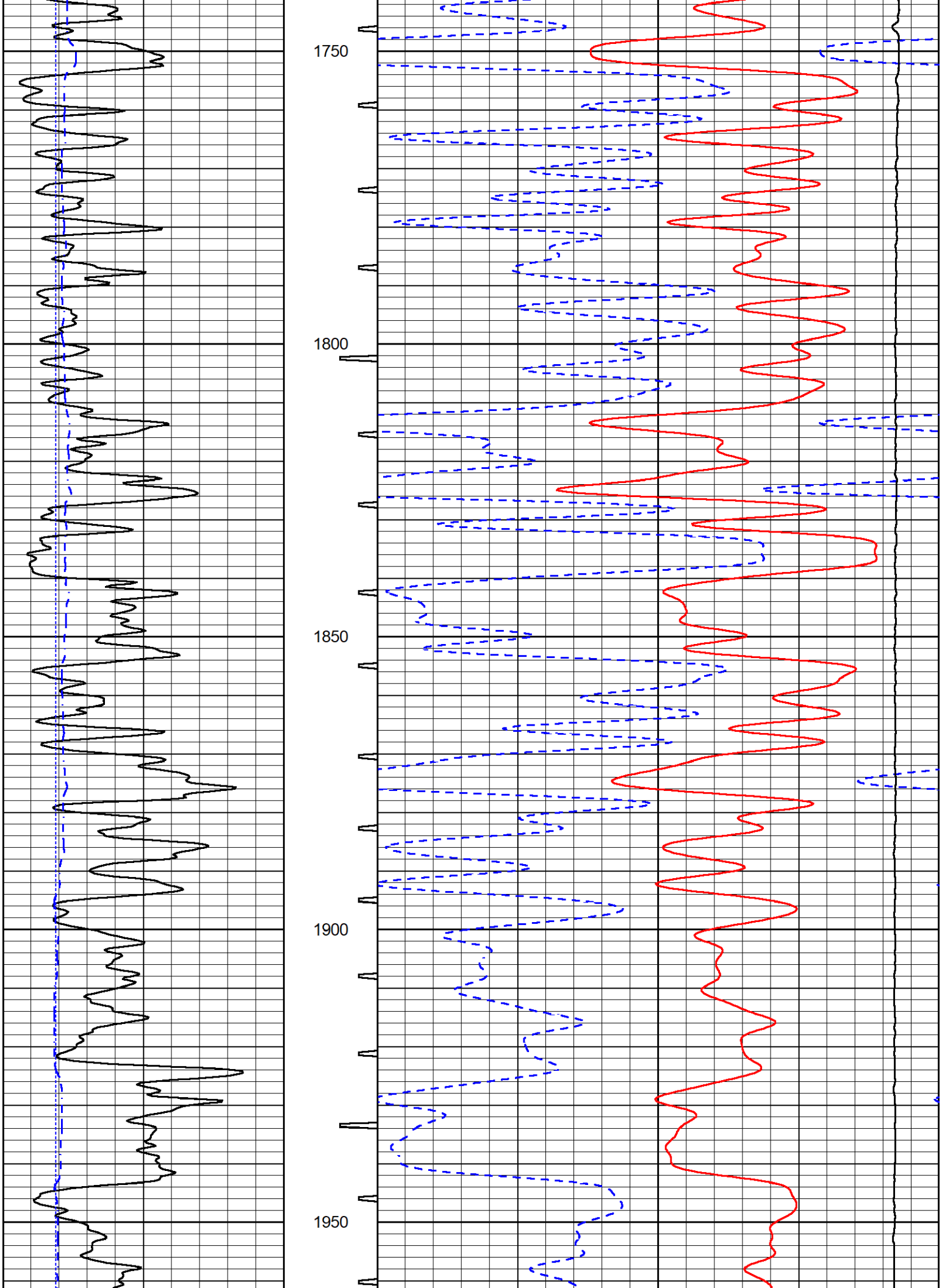
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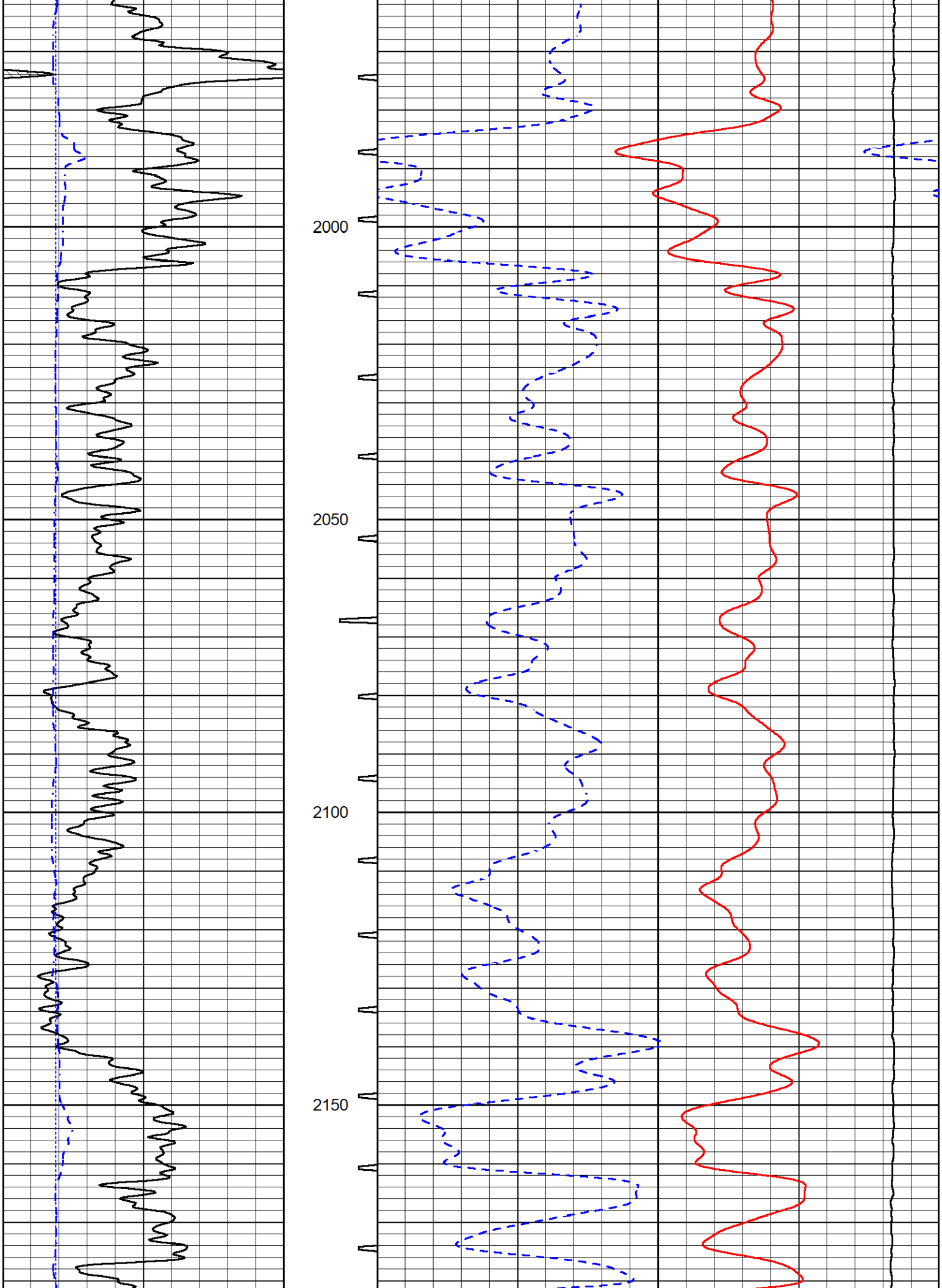
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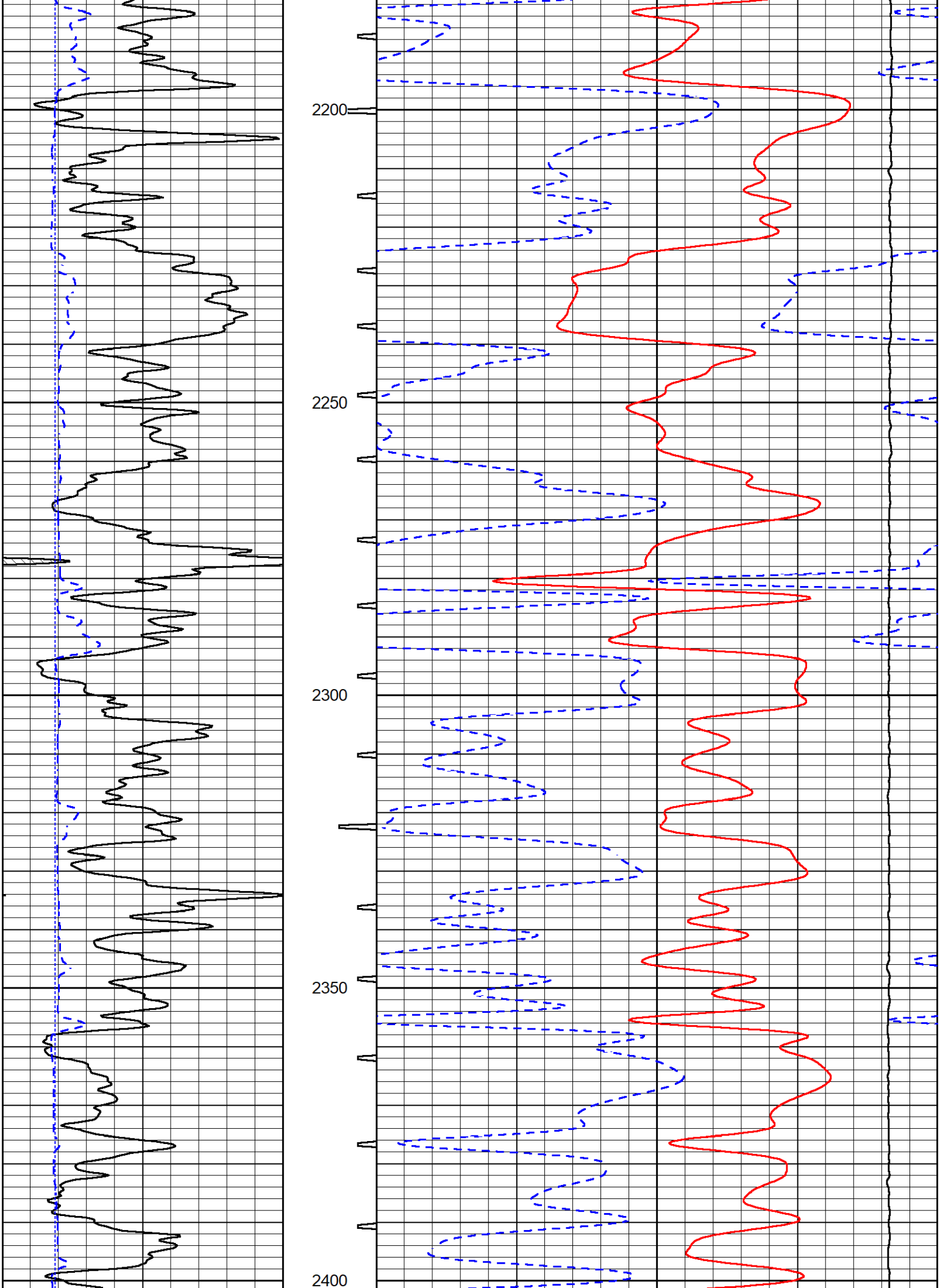
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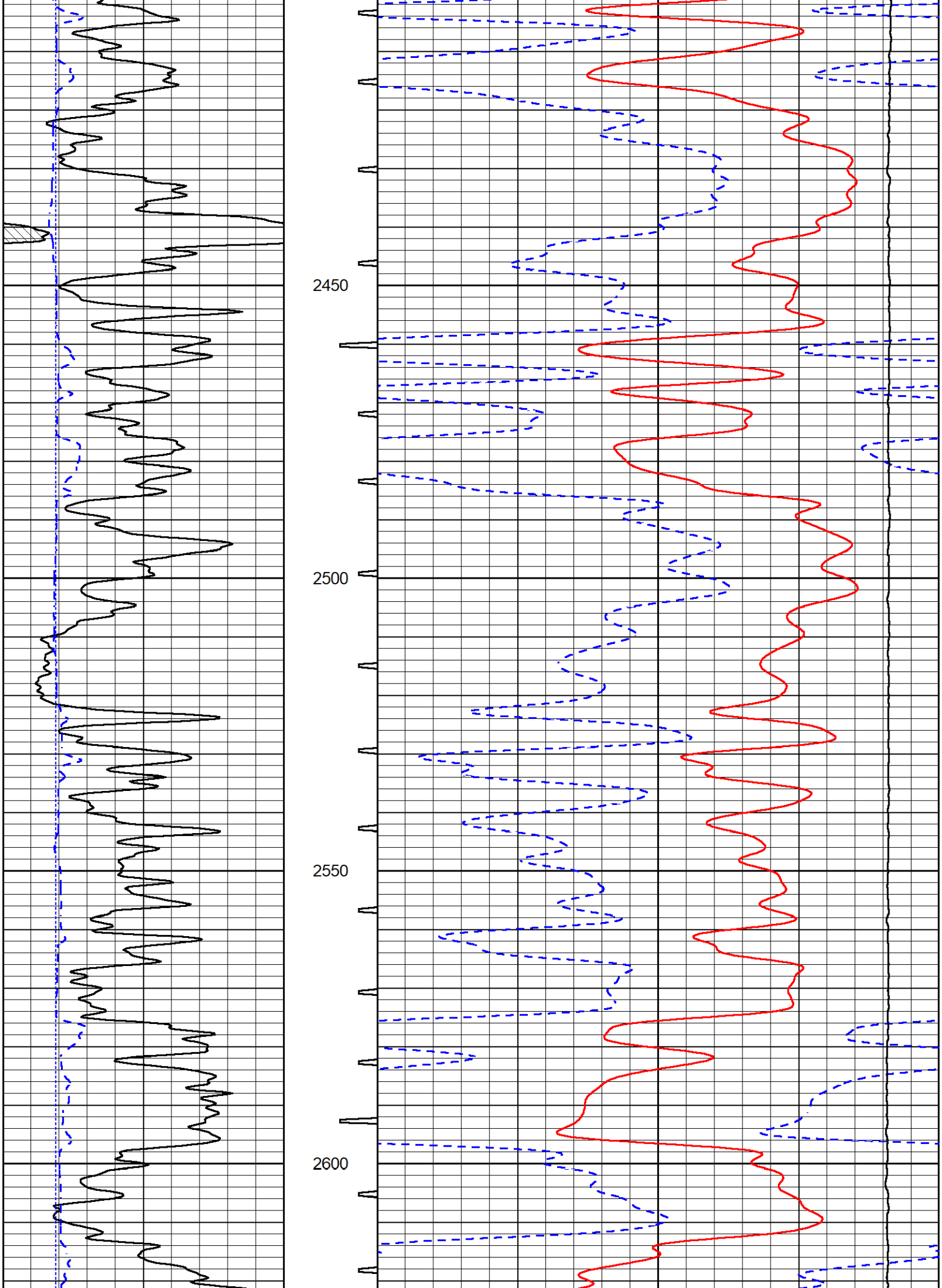
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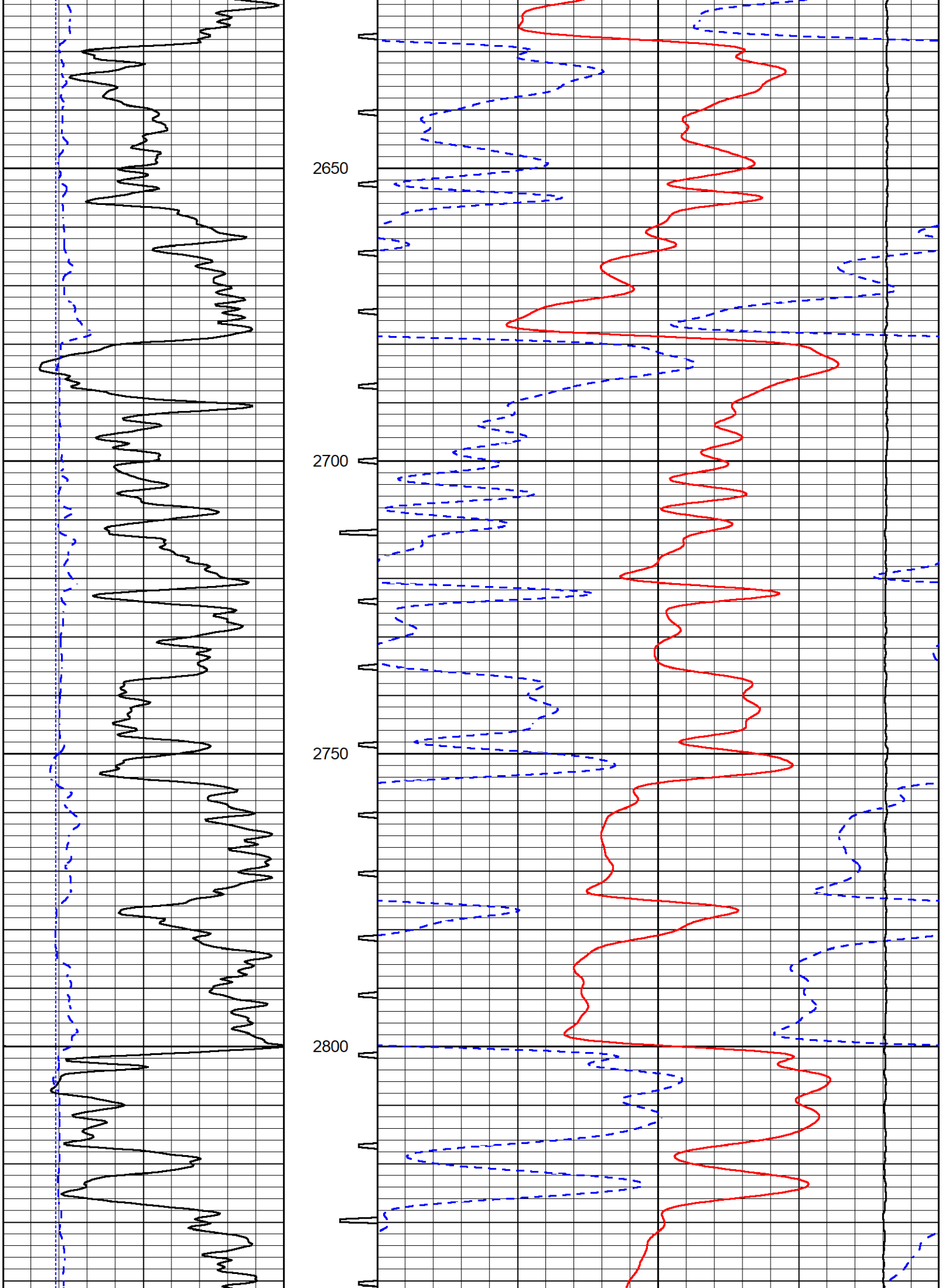
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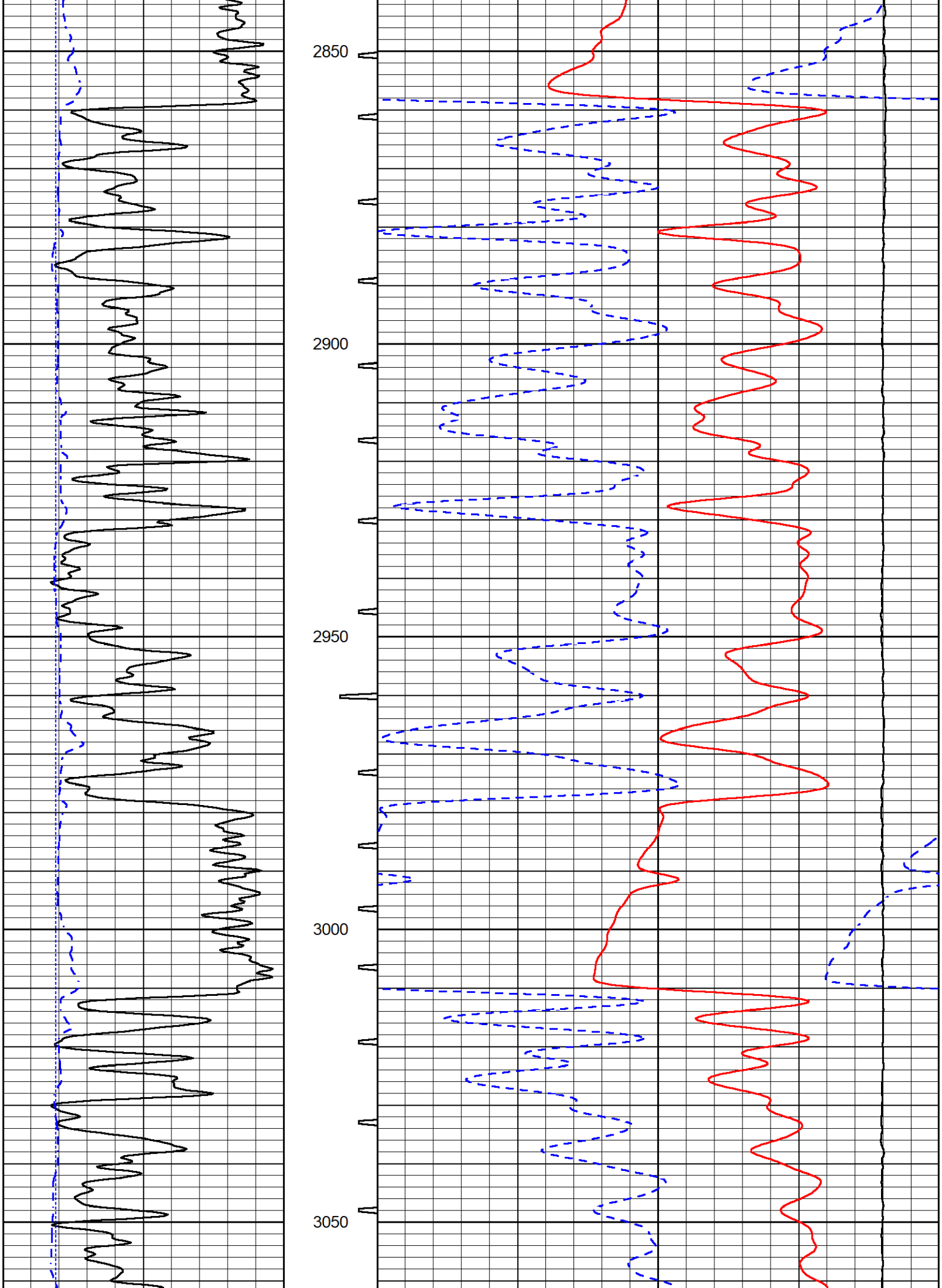
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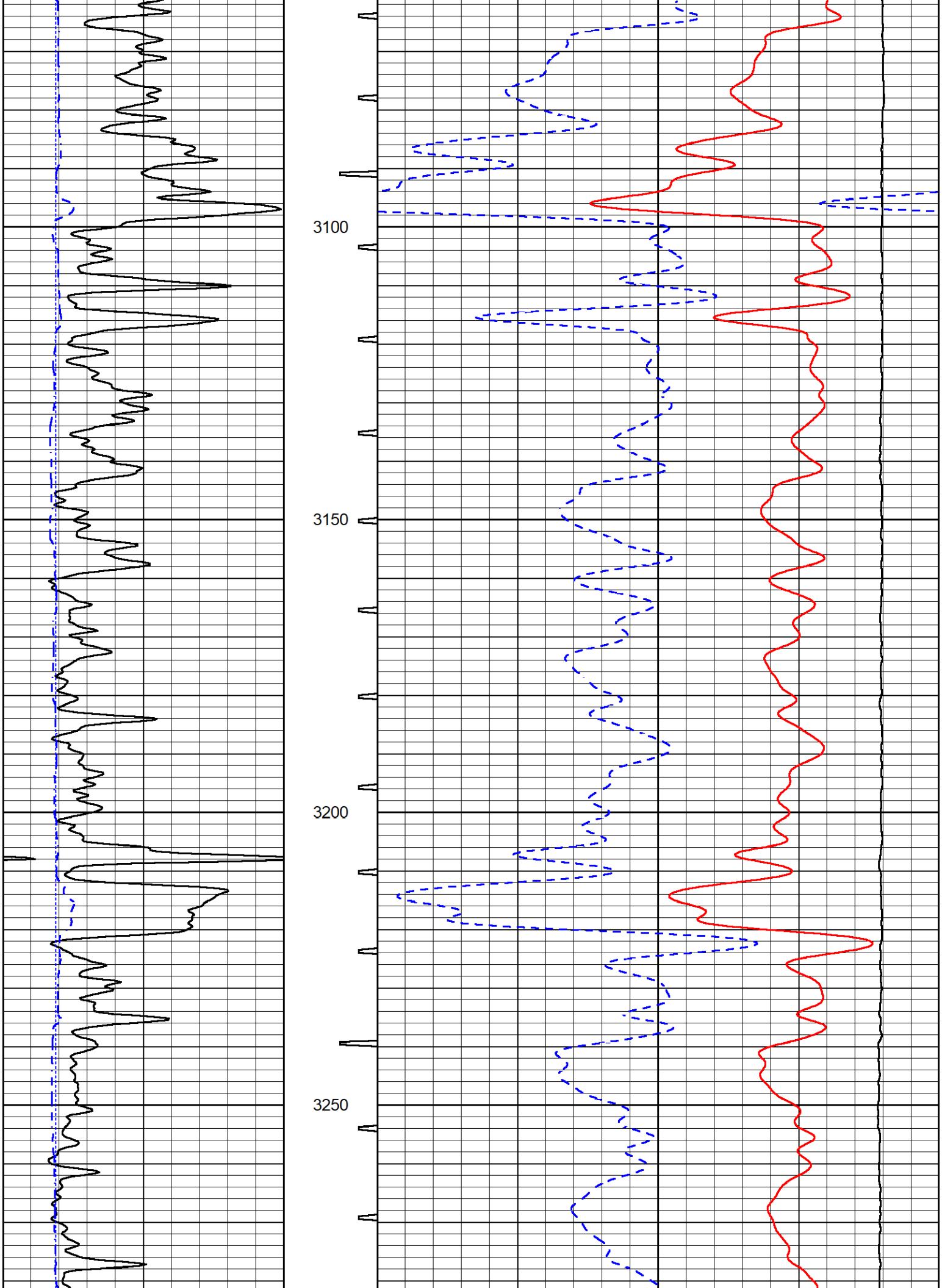
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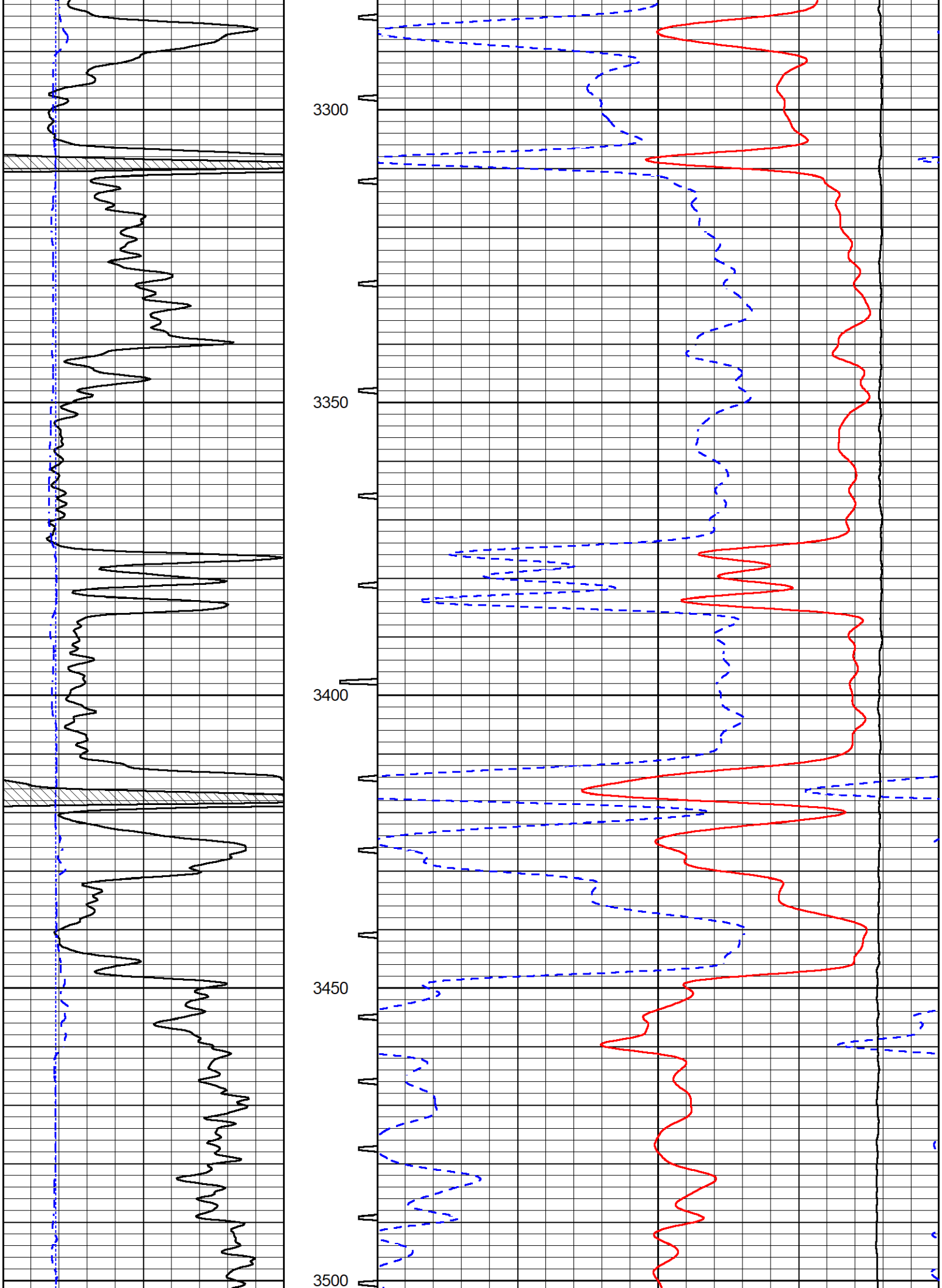
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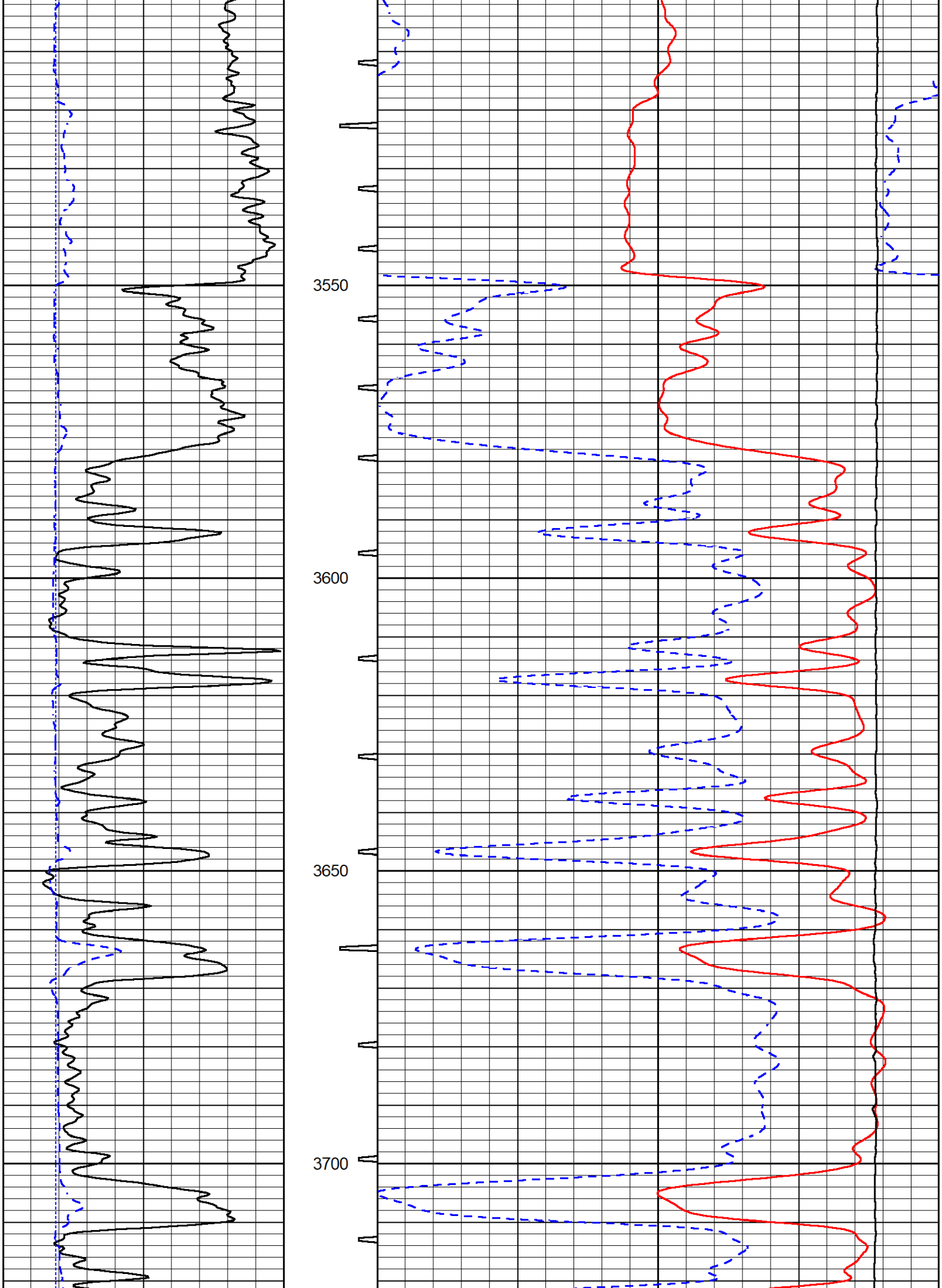
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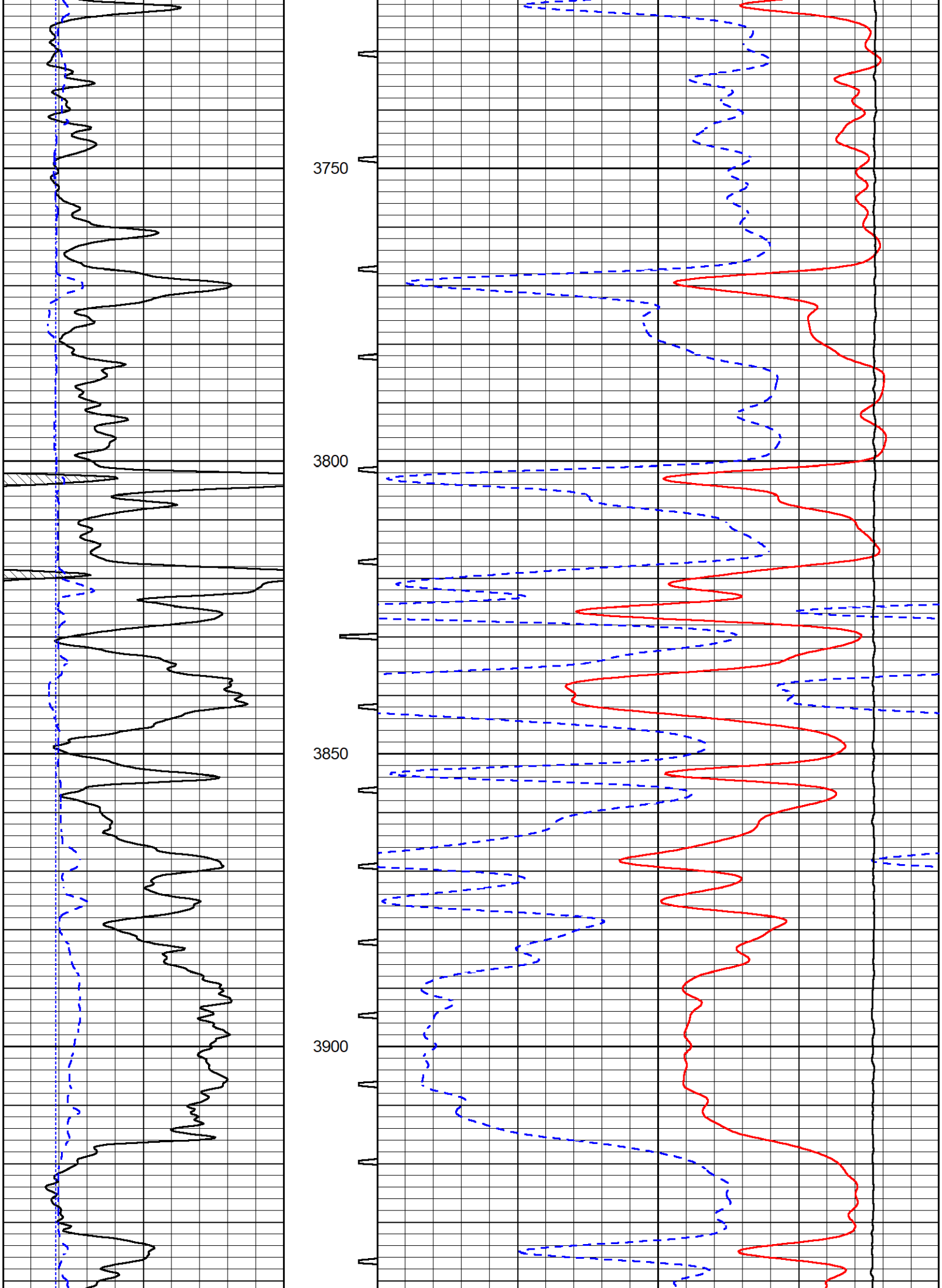
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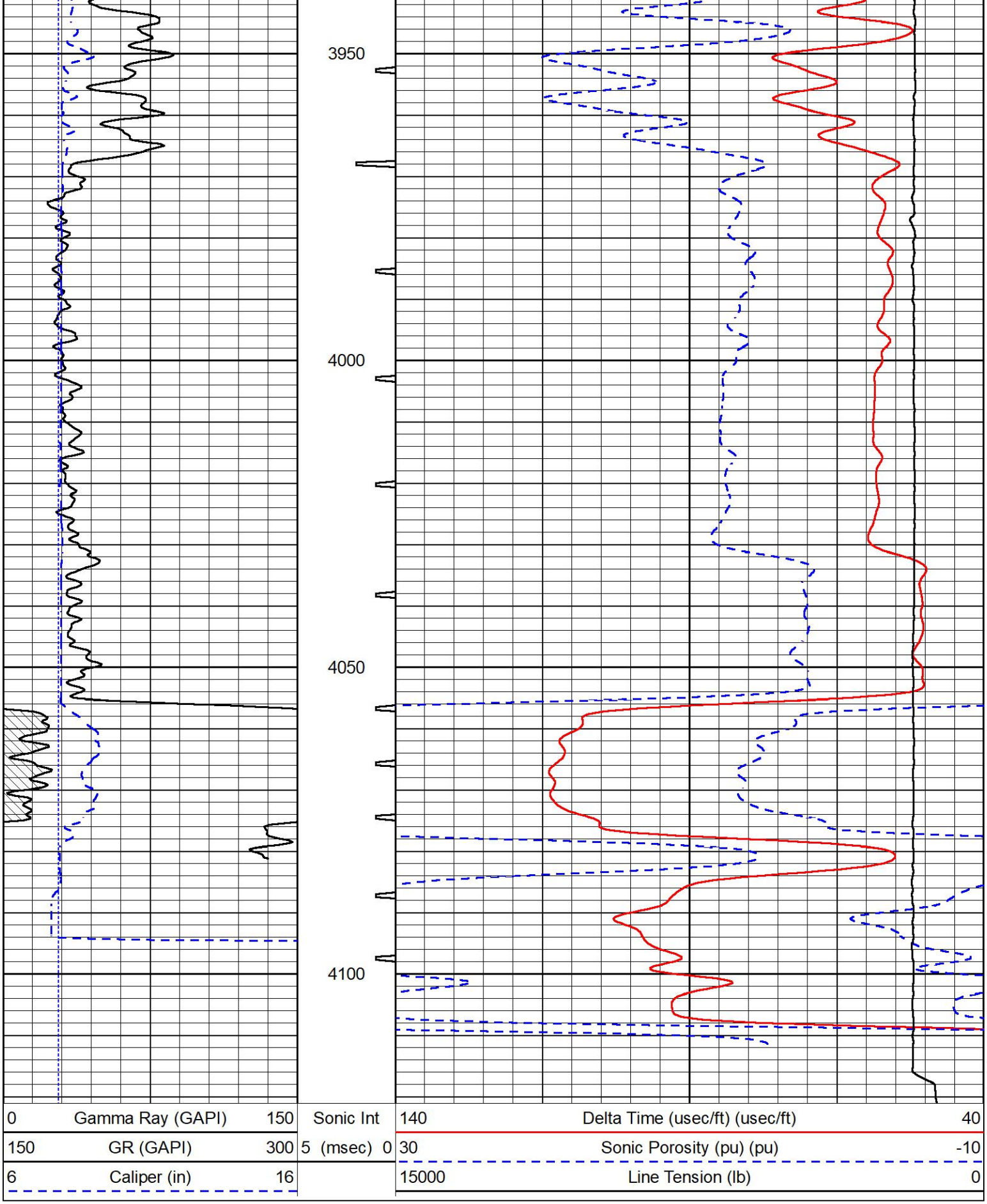


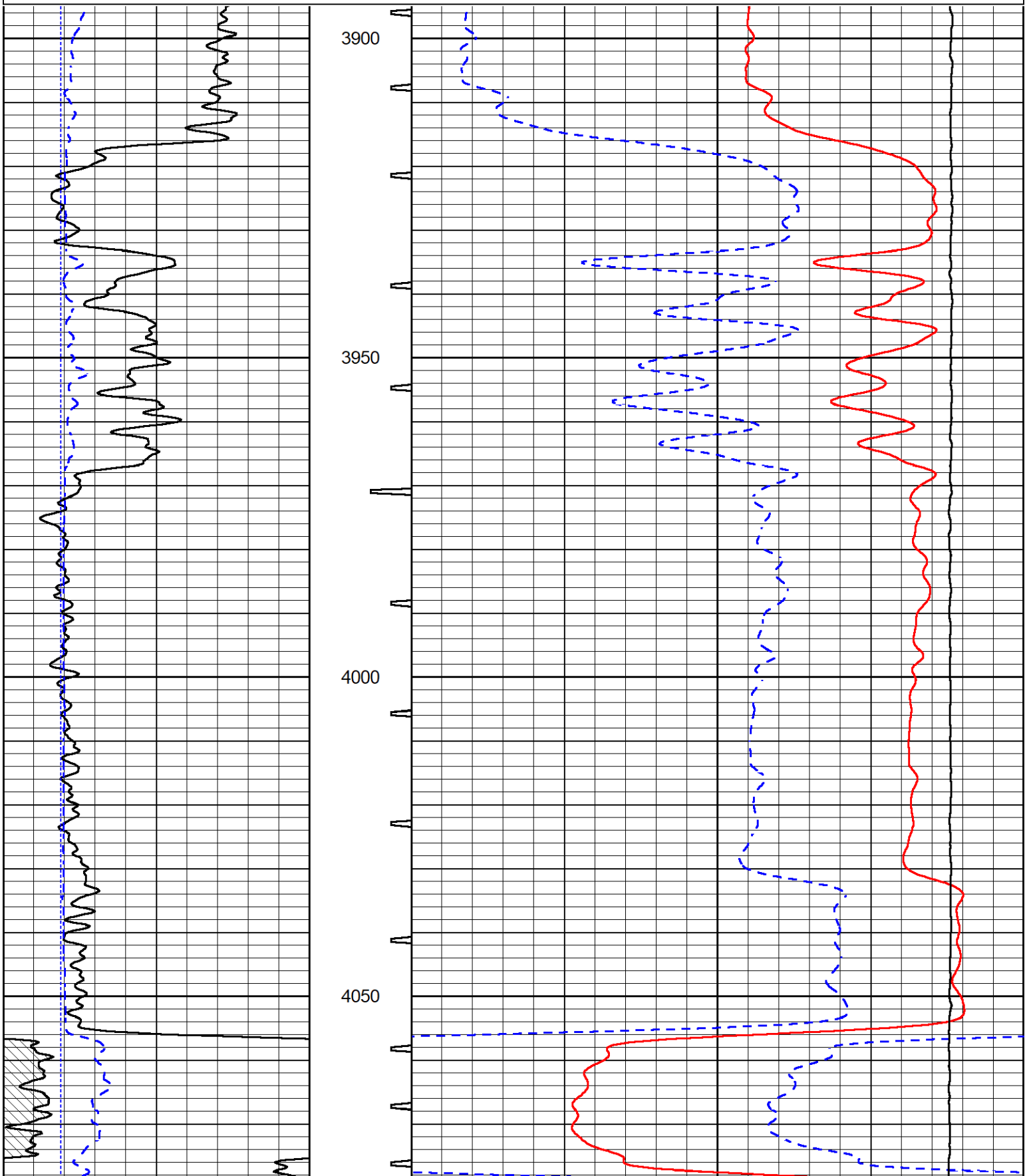
MIDWEST WIRELINE

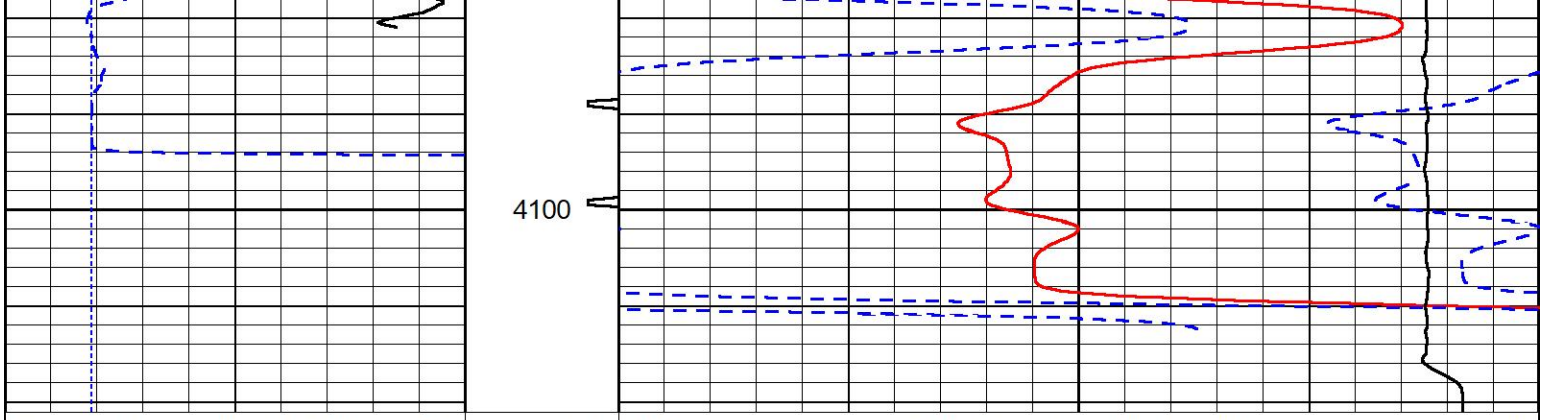
REPEAT SECTION

REPEAT PASS

Database File	garner_tiger unit #1.db
Dataset Pathname	StkMI/pass2.1
Presentation Format	_sonic
Dataset Creation	Fri Aug 19 20:01:07 2022
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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150	GR (GAPI)	300	5 (msec) 0	30	Sonic Porosity (pu) (pu)	-10
6	Caliper (in)	16		15000	Line Tension (lb)	0

MIDWEST WIRELINE

Company	Thomas Garner, Inc.
Well	Tiger Unit #1
Field	
County	Stafford
State	Kansas