PIONEER

Pioneer Energy Services

Borehole Compensated Sonic Log

API No. 15-159-22778-00-00

Company Gilbert-Stewart Operating, LLC

Well Lincoln #18

Field Chase-Silica

County Rice State Kansas

Location 1900' FSL / 1830' FWL

Sec: 28 Twp: 19S Rge: 9W

Permanent Datum Ground Level Elevation 1709

Log Measured From Kelly Bushing 9 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

Other Services
CNL/CDL
MEL/DIL

Elevation
K.B. 1718
D.F.
G.L. 1709

Date	5/5/2014
Run Number	Two
Type Log	BHC Sonic
Depth Driller	3350
Depth Logger	3348
Bottom Logged Interval	3337
Top Logged Interval	250
Type Fluid In Hole	Chemical
Salinity, PPM CL	6900
Density	9.3
Level	Full
Max. Rec. Temp. F	110
Operating Rig Time	4 Hours
Equipment -- Location	17 Hays
Recorded By	R. Barnhart
Witnessed By	Derek Patterson

Borehole Record

Run No.	Bit	From	To
One	12.25	00	265
Two	7.875	265	TD

Casing Record

Size	Wgt.	From	To
8.625	23#	00	265

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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

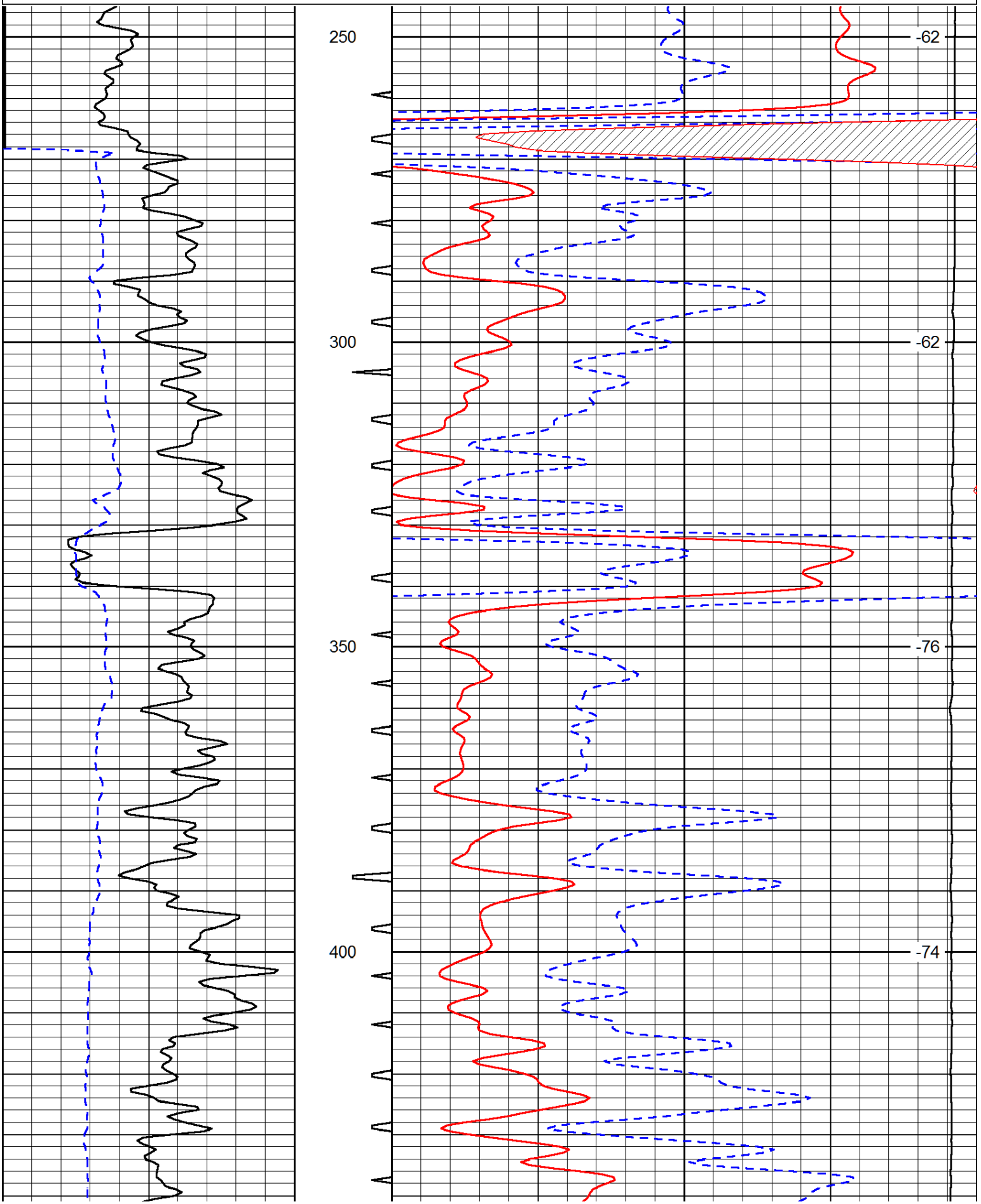
Thank you for using Log-Tech, Inc.
(785) 625-3858

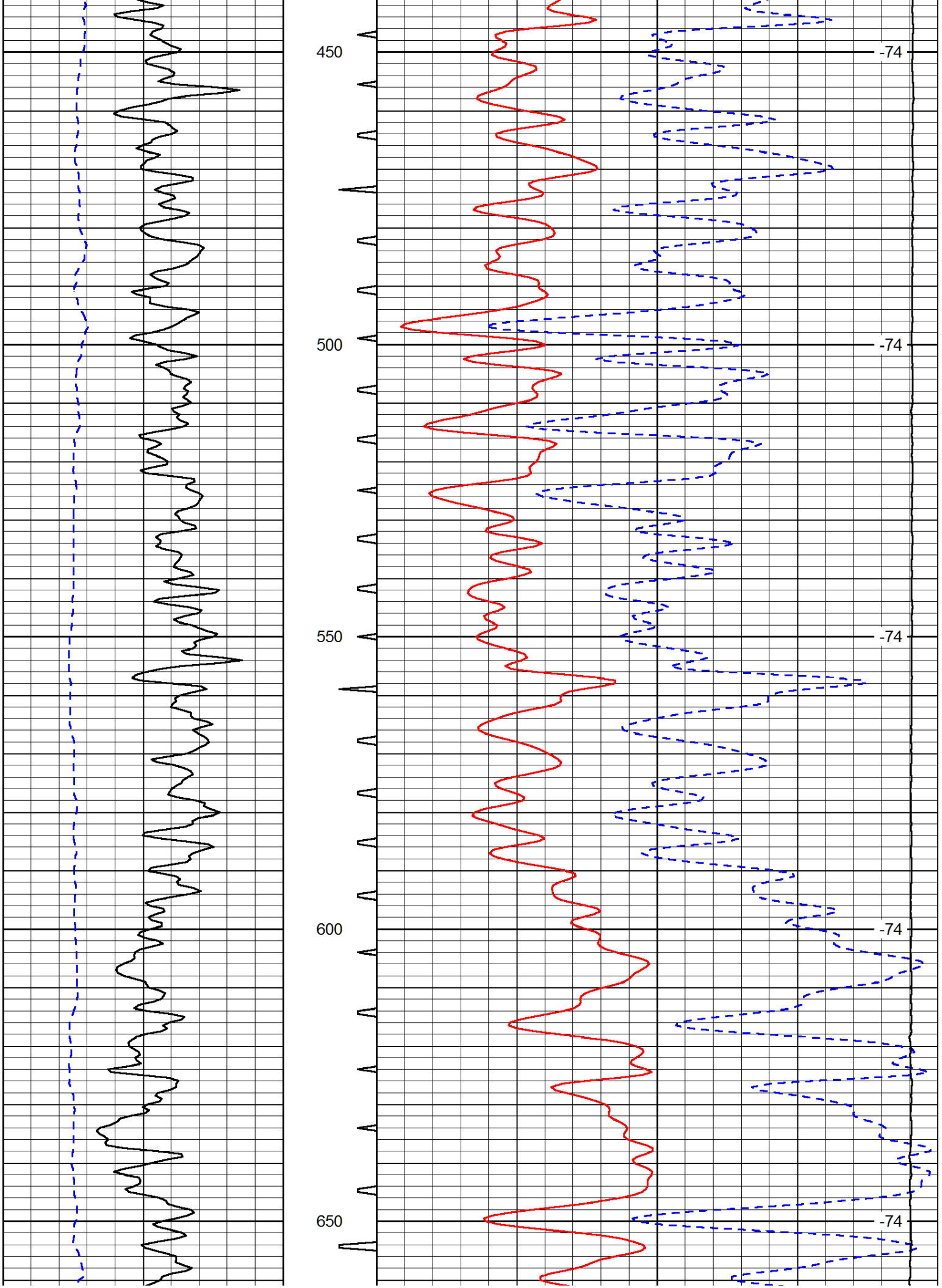
Chase, KS:
1 1/2E, N into

Database File:	gilbertstewarthd.db
Dataset Pathname:	dil/gsmain
Presentation Format:	sonic
Dataset Creation:	Mon May 05 08:44:34 2014
Charted by:	Depth in Feet scaled 1:240

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

LSPD
(ft/min)

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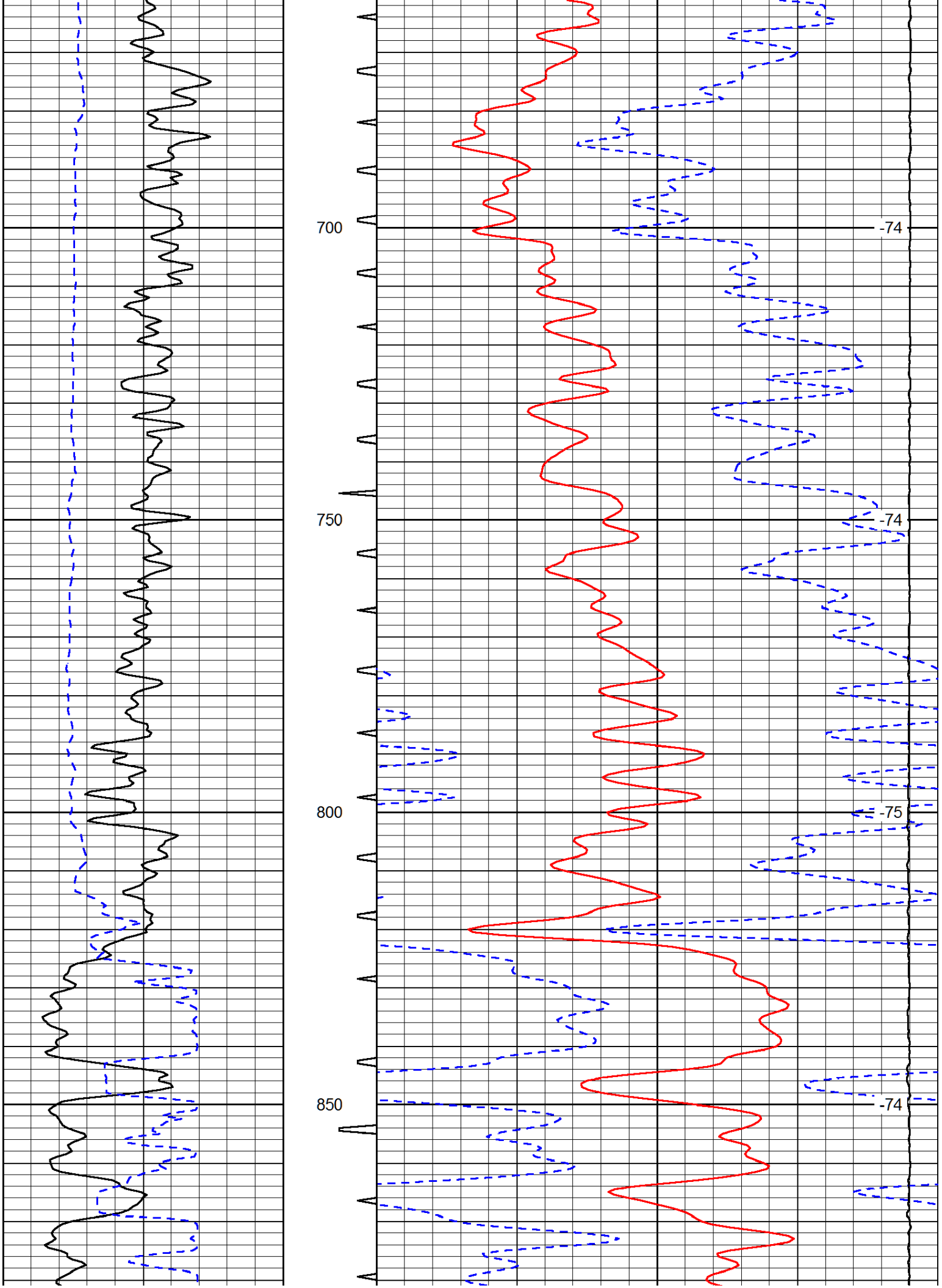
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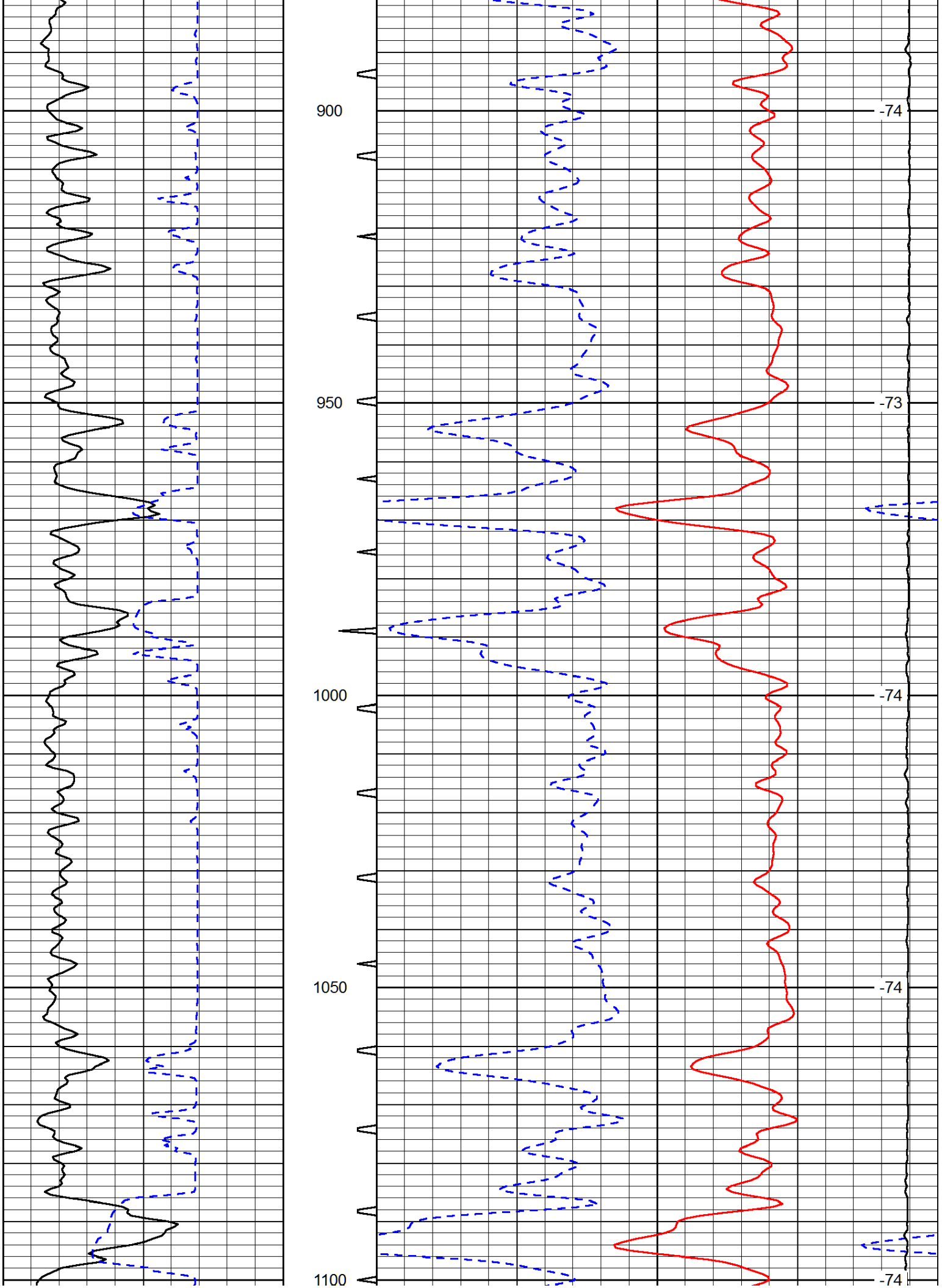
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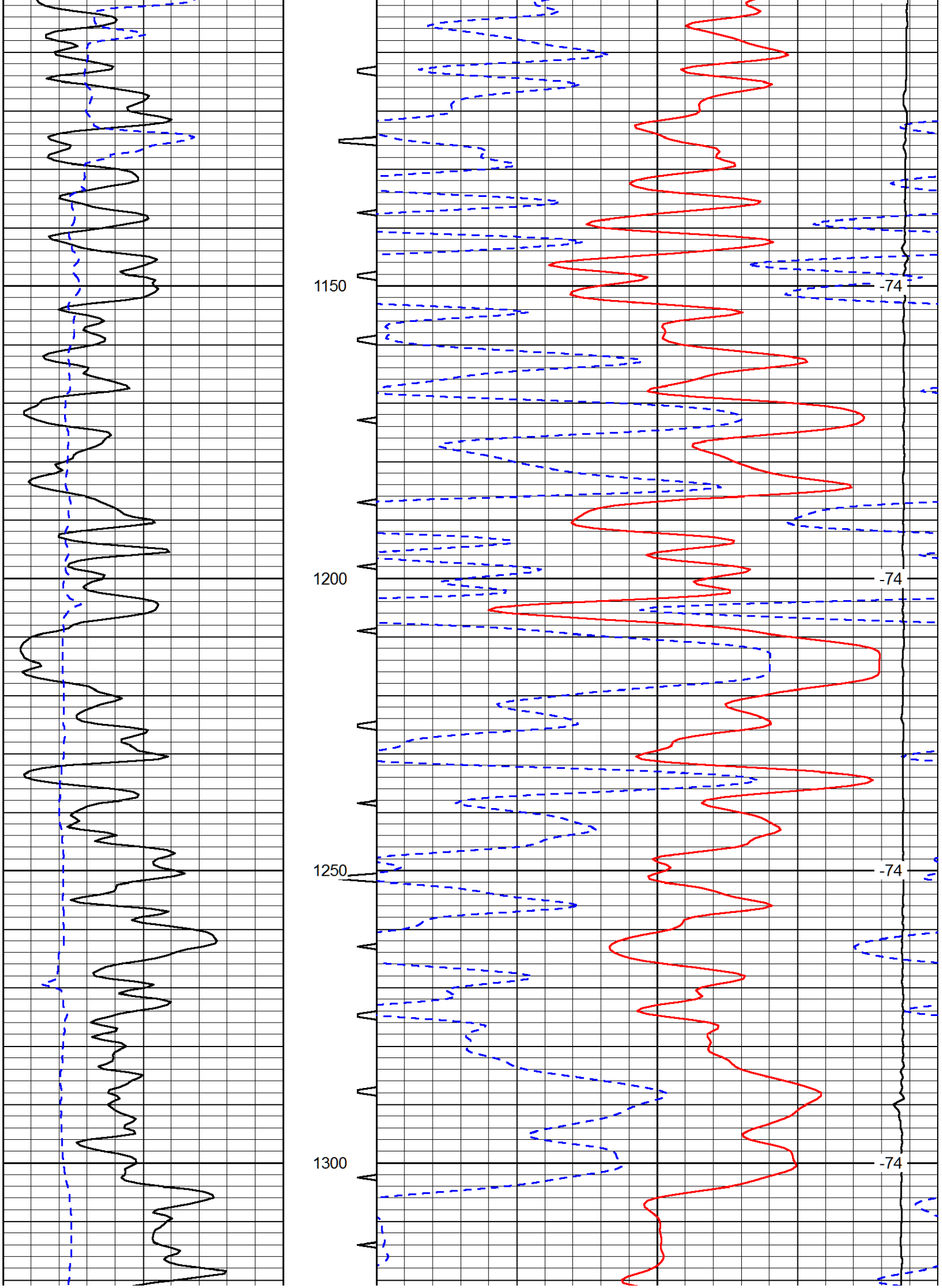
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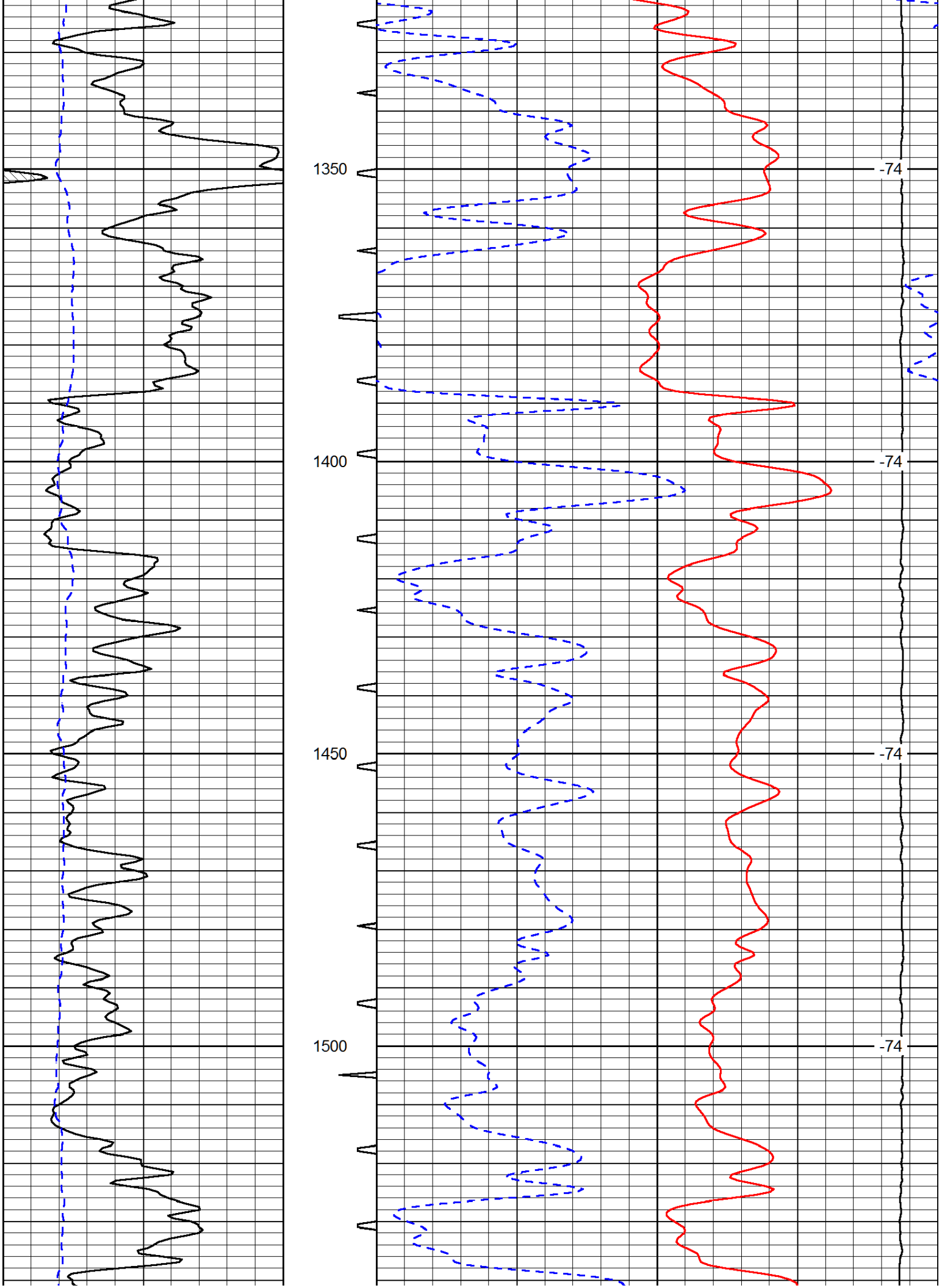
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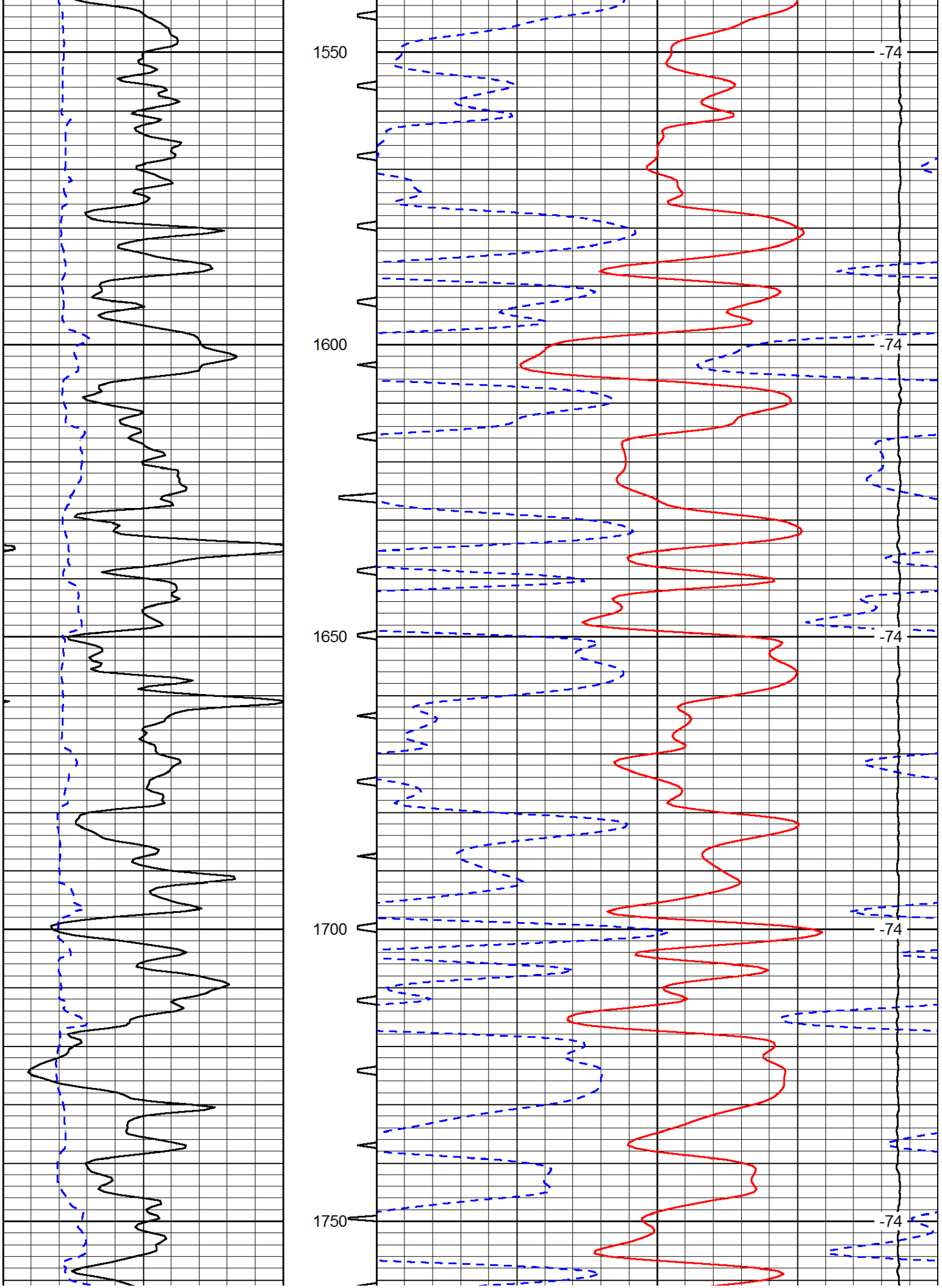
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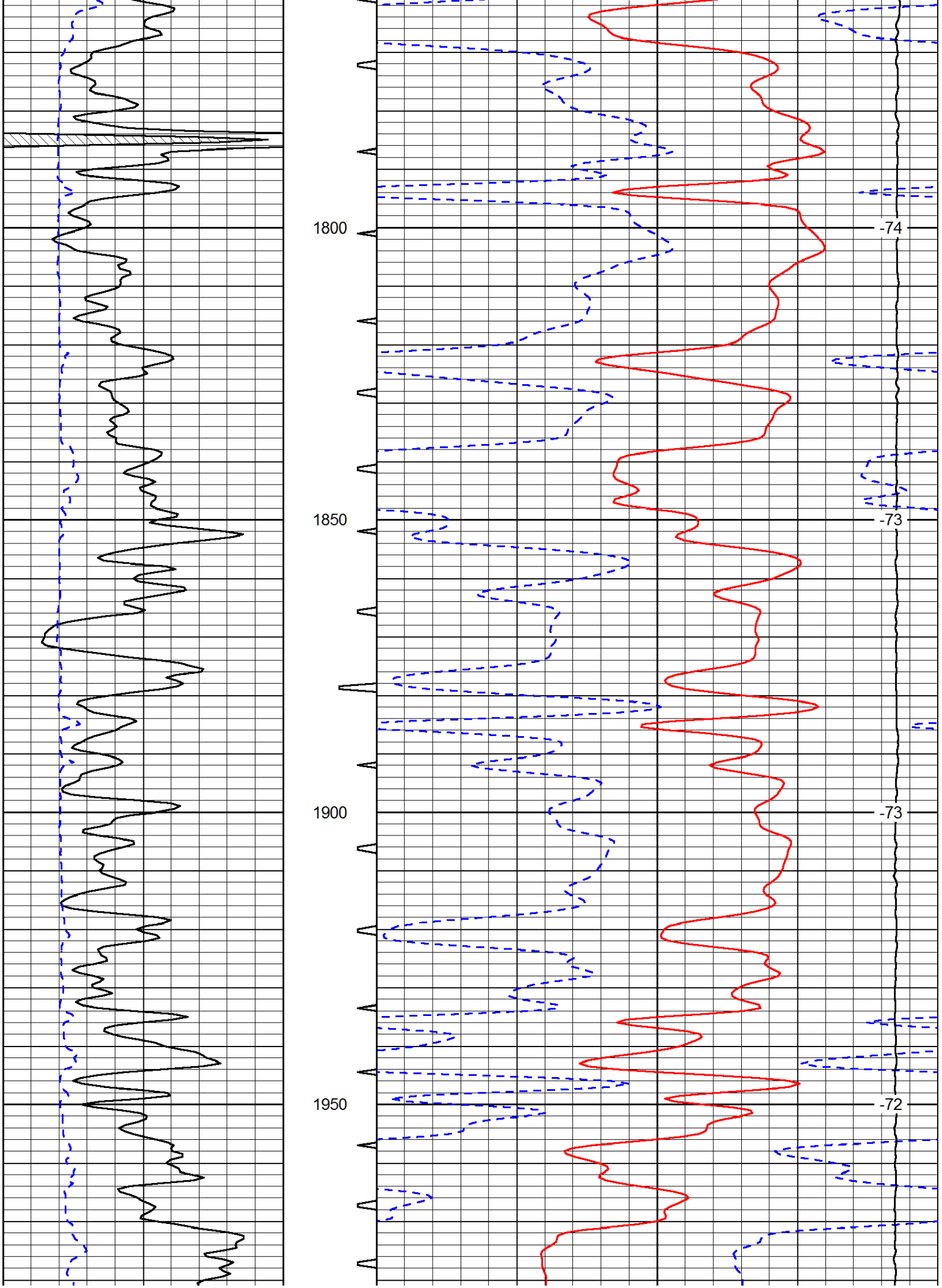
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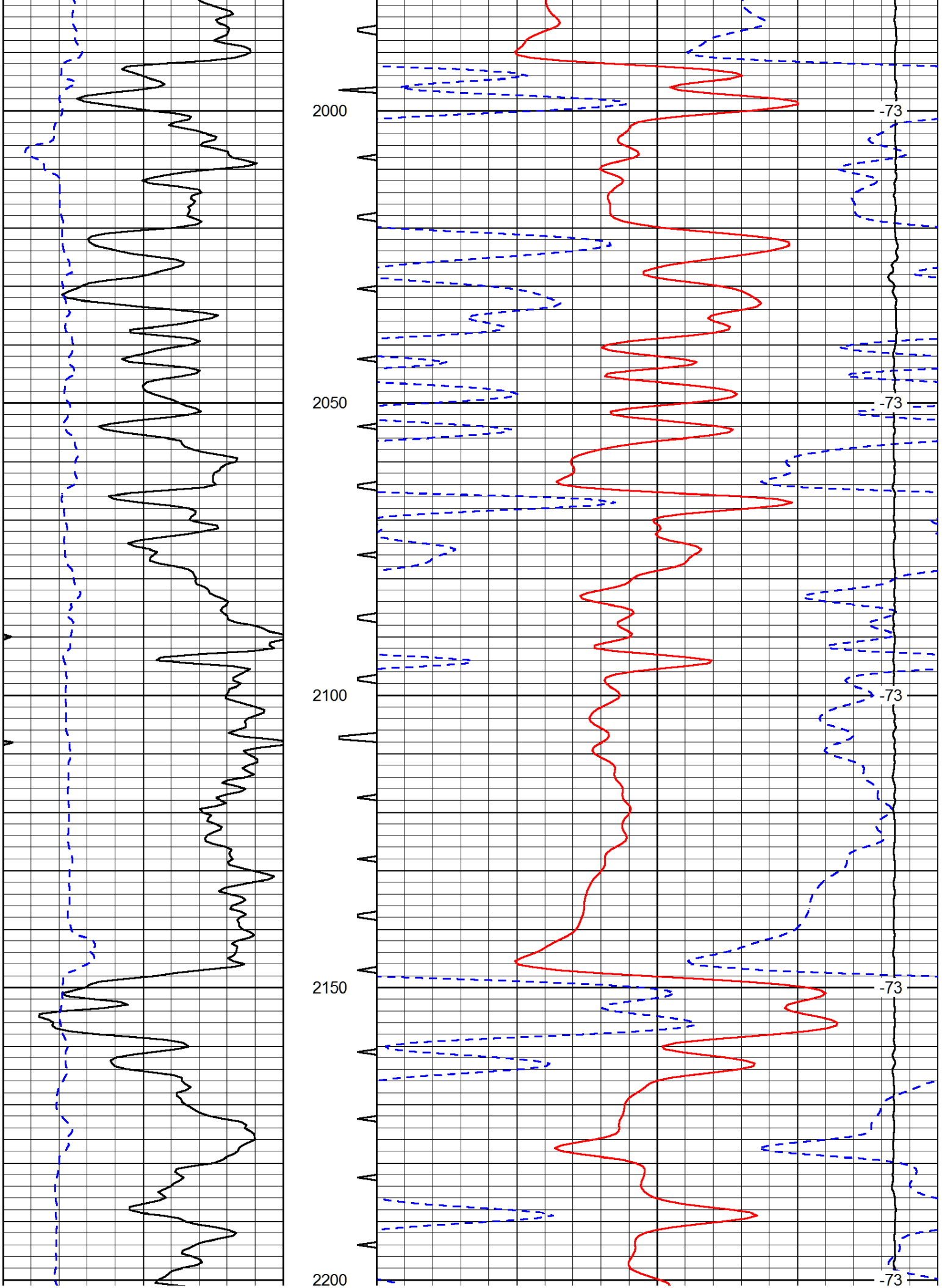
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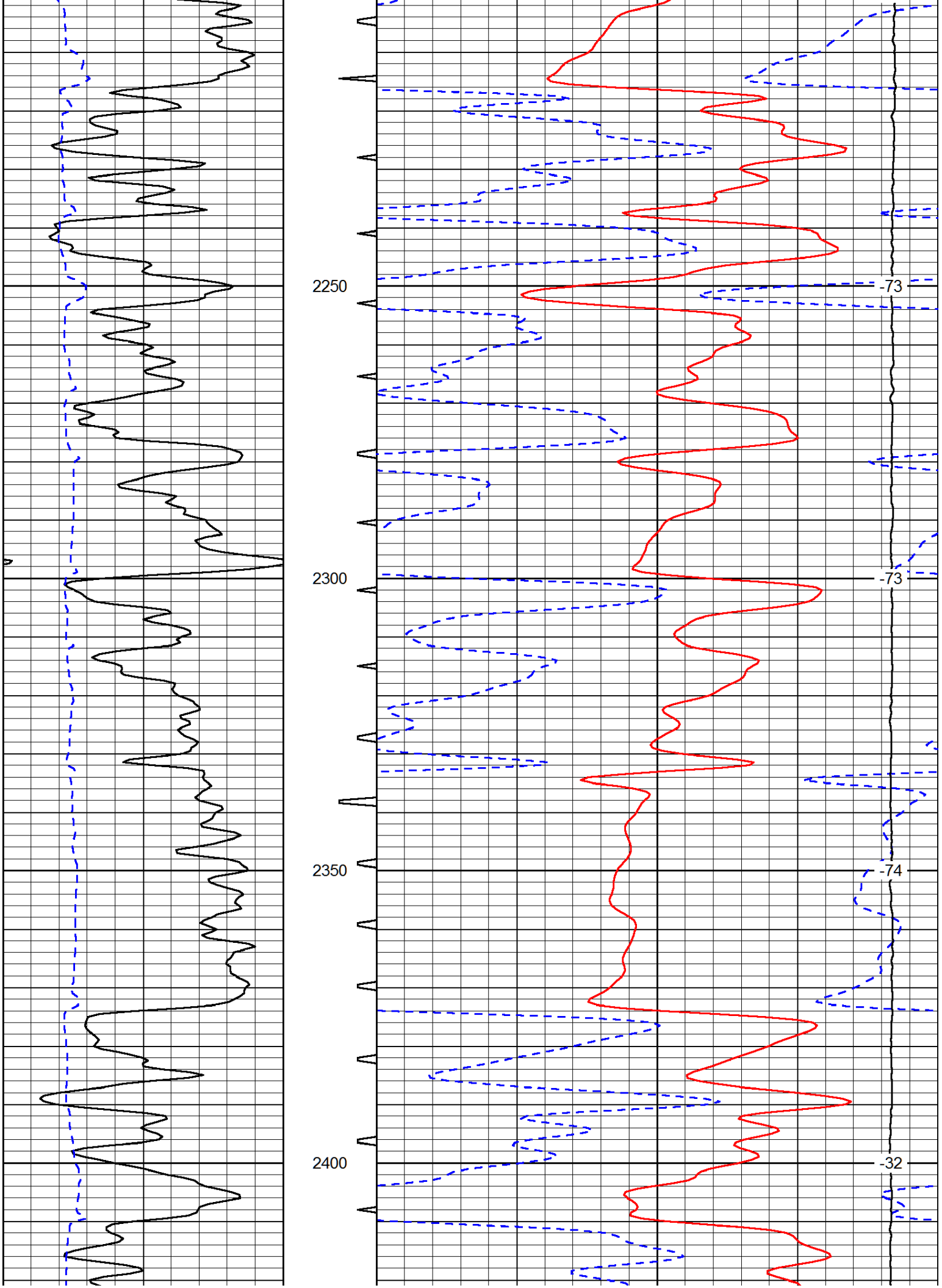
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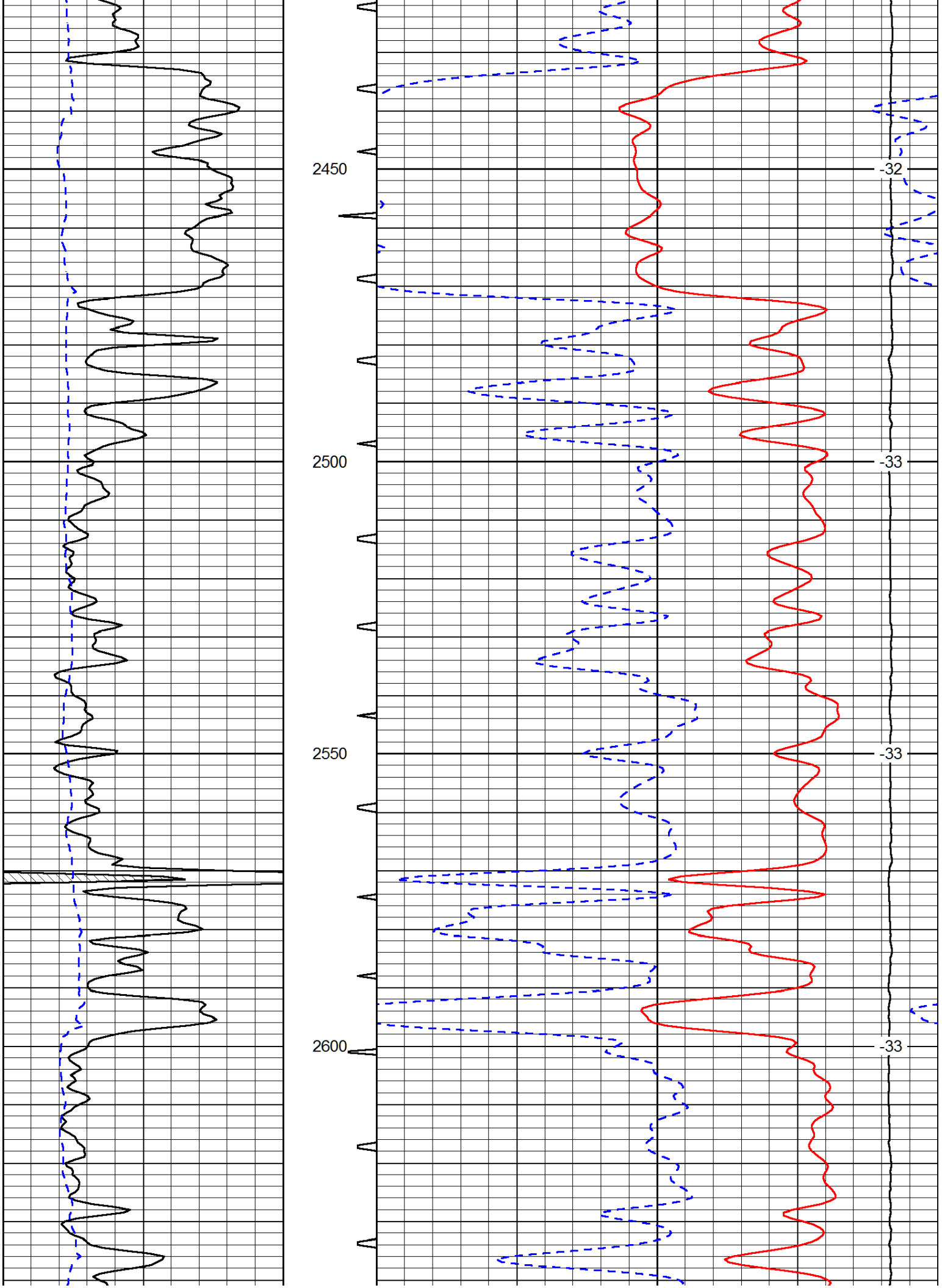
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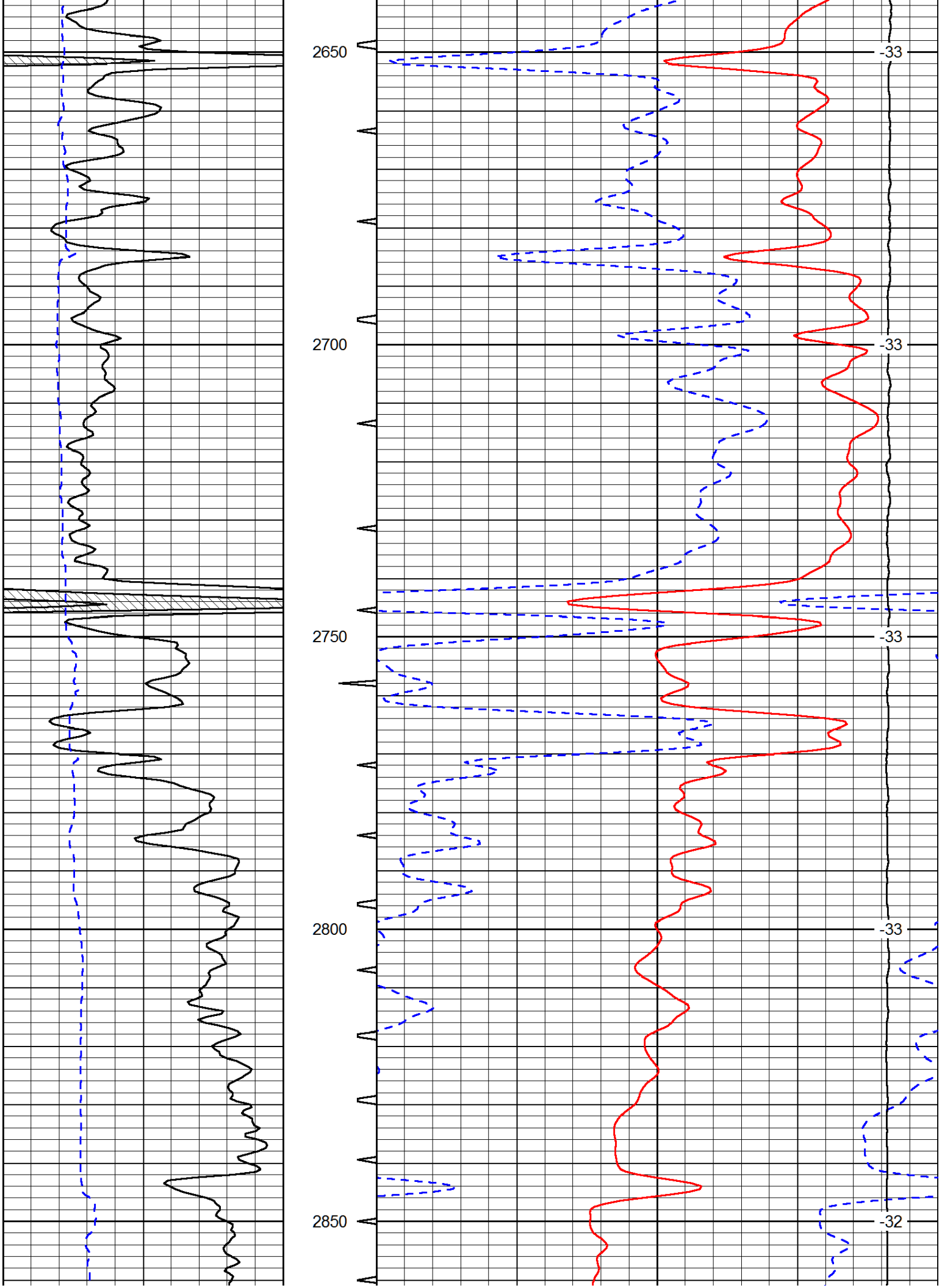
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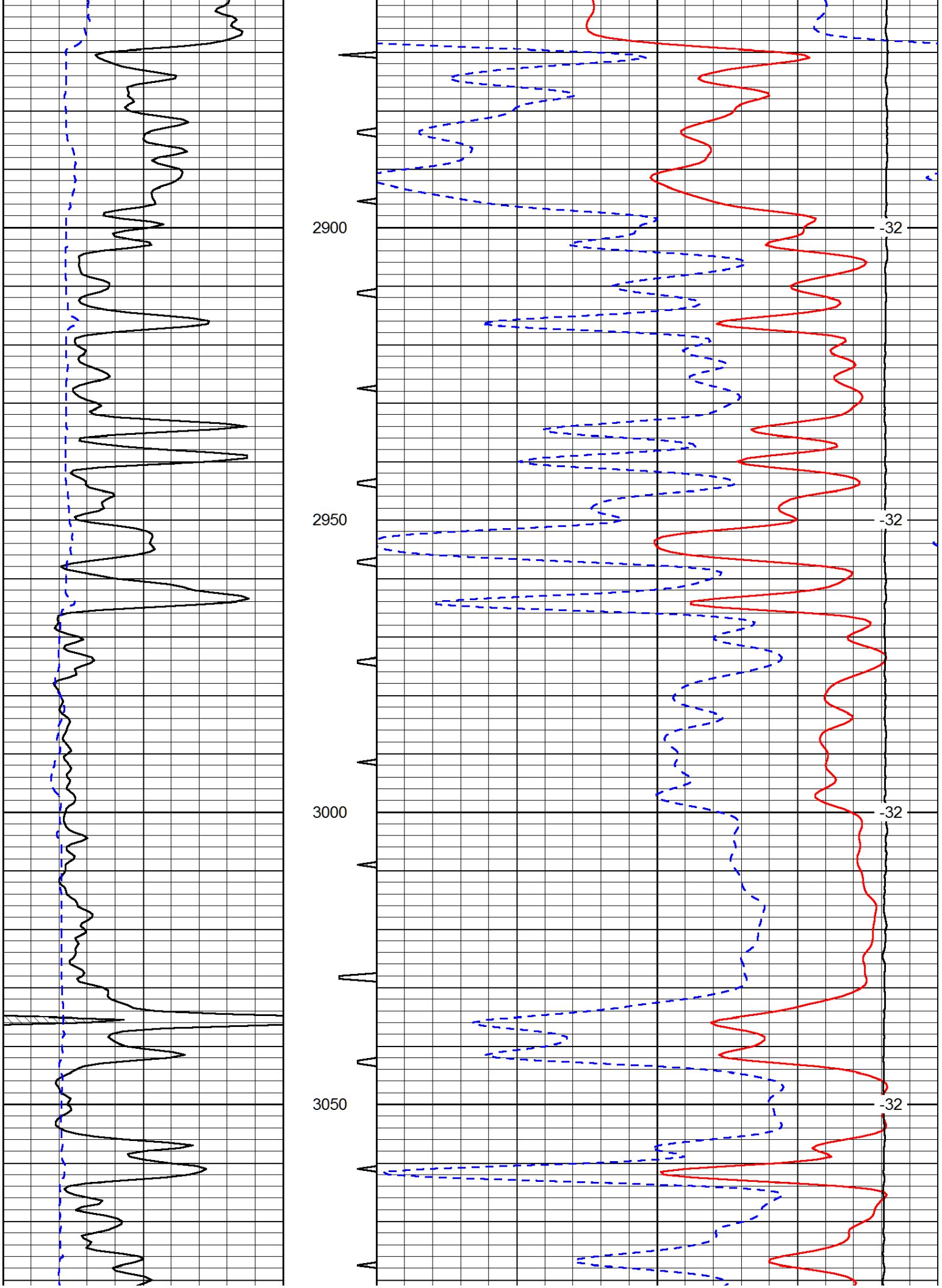
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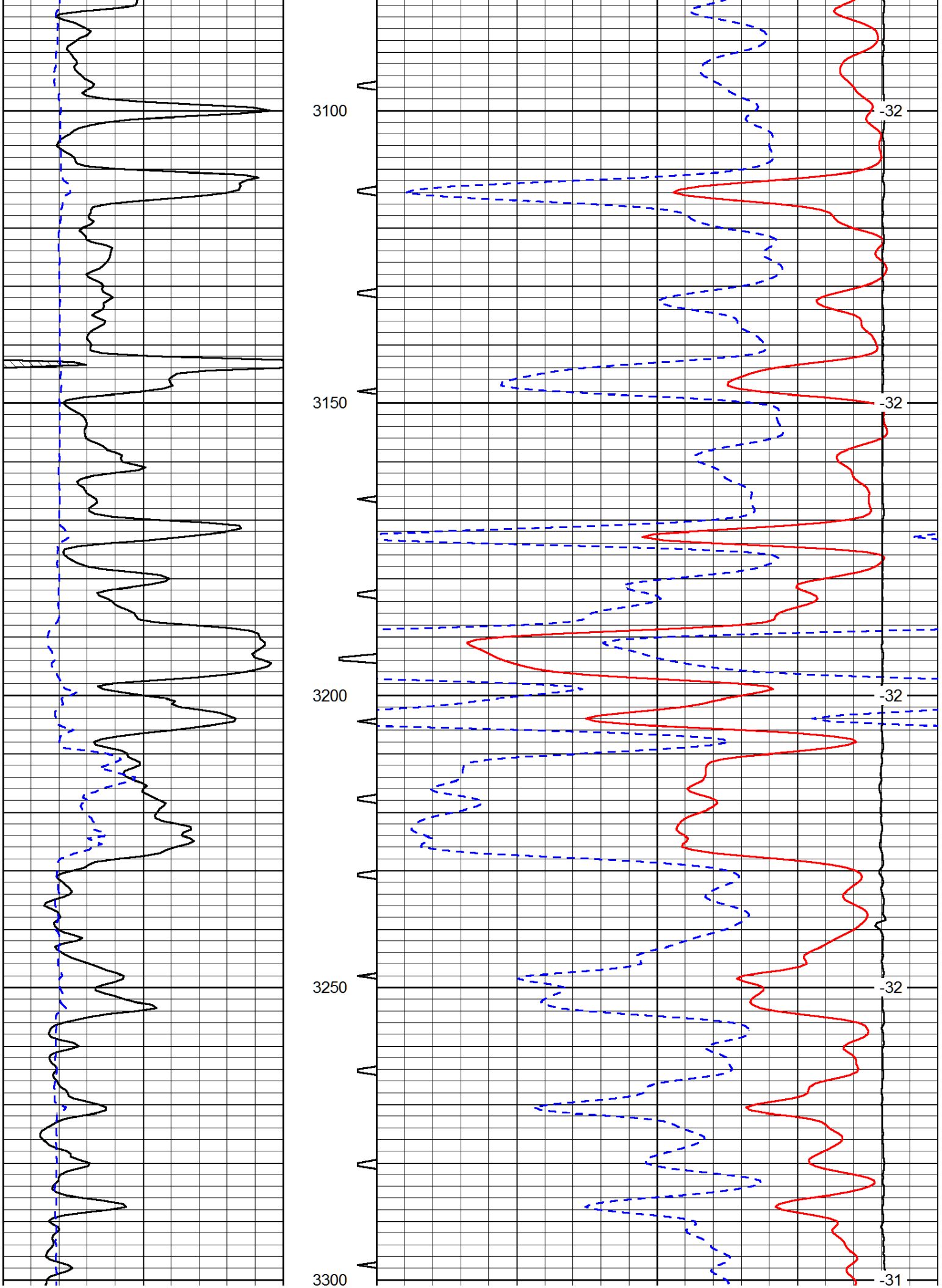
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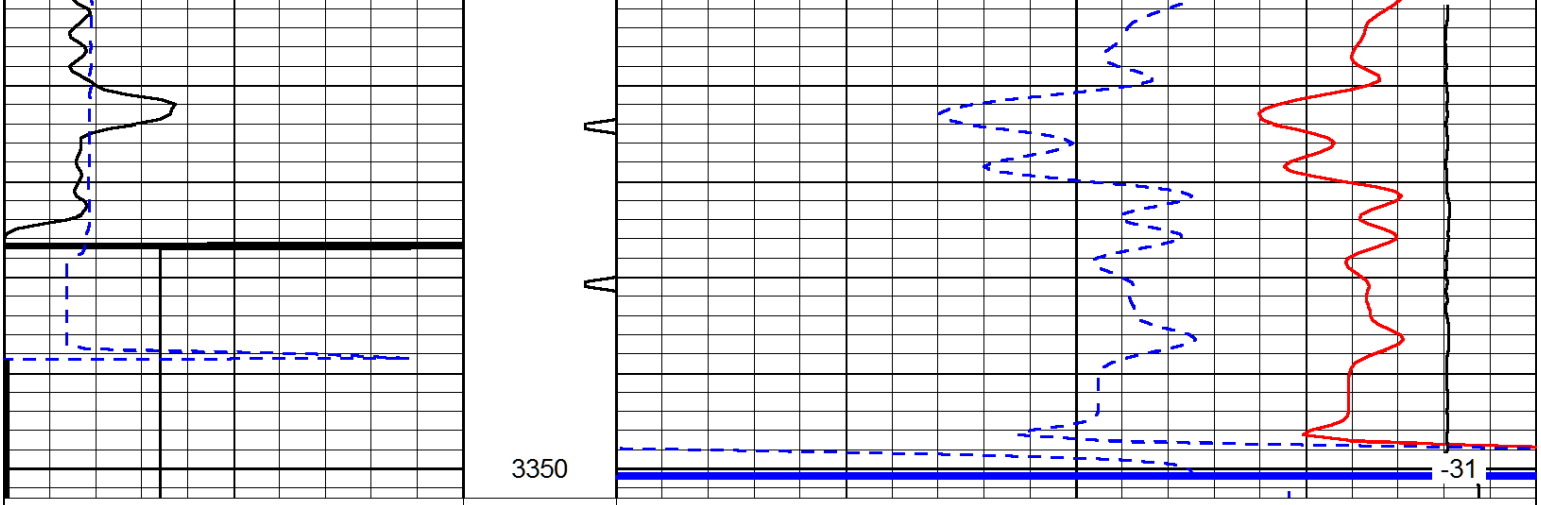

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