LOG-TECH

DIGITAL LOG (785) 625-3858

Borehole Compensated Sonic Log

API No. 15-185-23,553-00-00

Company Murfin Drilling Company, Inc.

Well Fischer- Hullman No. 1-12

Field Drach

County Stafford State Kansas

Location 330' FNL & 150' FWL

Sec: 12 Twp: 22 S Rge: 13 W

Permanent Datum	Ground Level	Elevation 1878	
Log Measured From	Kelly Bushing	11	Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing		

Date	10/20/2008
Run Number	Two
Type Log	BHC Sonic
Depth Driller	3800
Depth Logger	3800
Bottom Logged Interval	3789
Top Logged Interval	700
Type Fluid In Hole	Chemical
Salinity, PPM CL	8,300
Density	9.2
Level	Full
Max. Rec. Temp. F	116
Operating Rig Time	5 Hours
Equipment -- Location	4 Hays
Recorded By	B. Reiners
Witnessed By	Terry McCleod

Other Services
CNL / CDL
MEL/DIL

Elevation
K.B. 1889
D.F.
G.L. 1878

Borehole Record

Run No	Bit	From	To
1	12.25	00	732
2	7.875	732	3800

Casing Record

Size	Wgt.	From	To
8.625	24#	00	732

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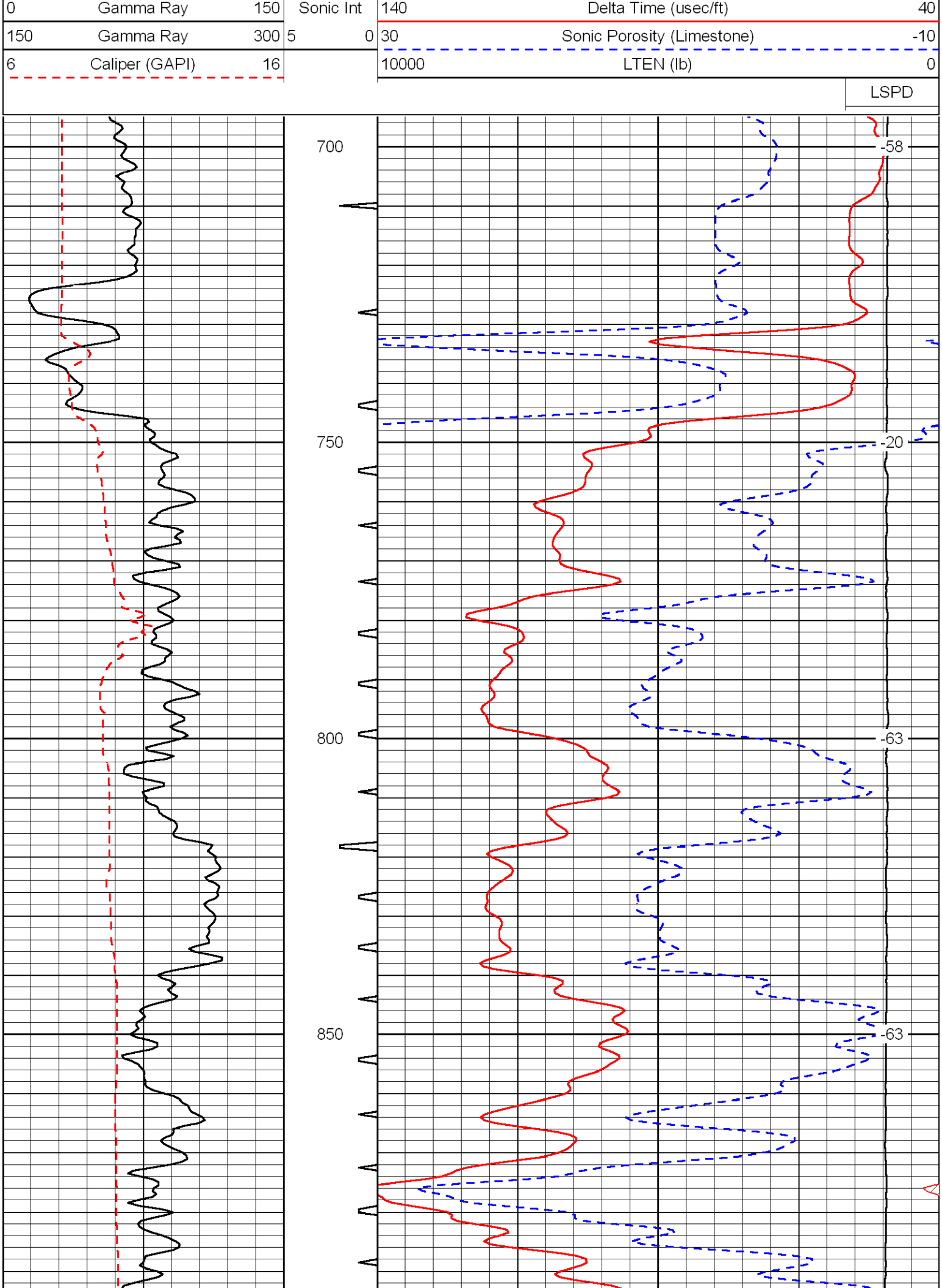
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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

Great Bend, S to Hwy 19,
E 2, S Into

Database File: c:\warrior\data\murfin_fischer- hullman no. 1-12\murfinhd.db
Dataset Pathname: dil/murfstk
Presentation Format: sonic
Dataset Creation: Mon Oct 20 12:32:58 2008
Charted by: Depth in Feet scaled 1:240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150 Gamma Ray 300
6 Caliper (GAPI) 16
Sonic Int
5 0
140 Delta Time (usec/ft) 40
30 Sonic Porosity (Limestone) -10
10000 LTEN (lb) 0
LSPD
700
750
800
850
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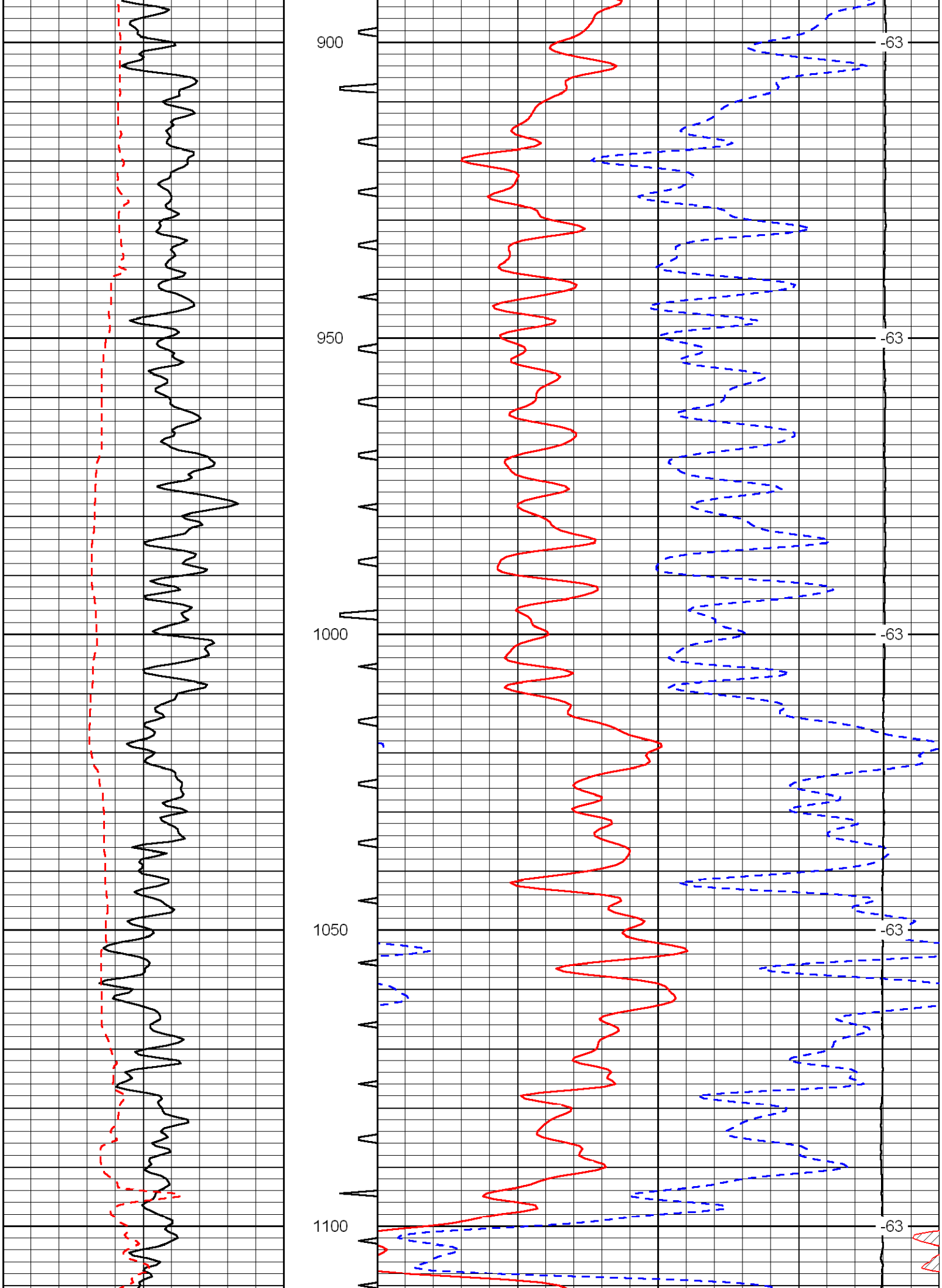
-20
-63
-63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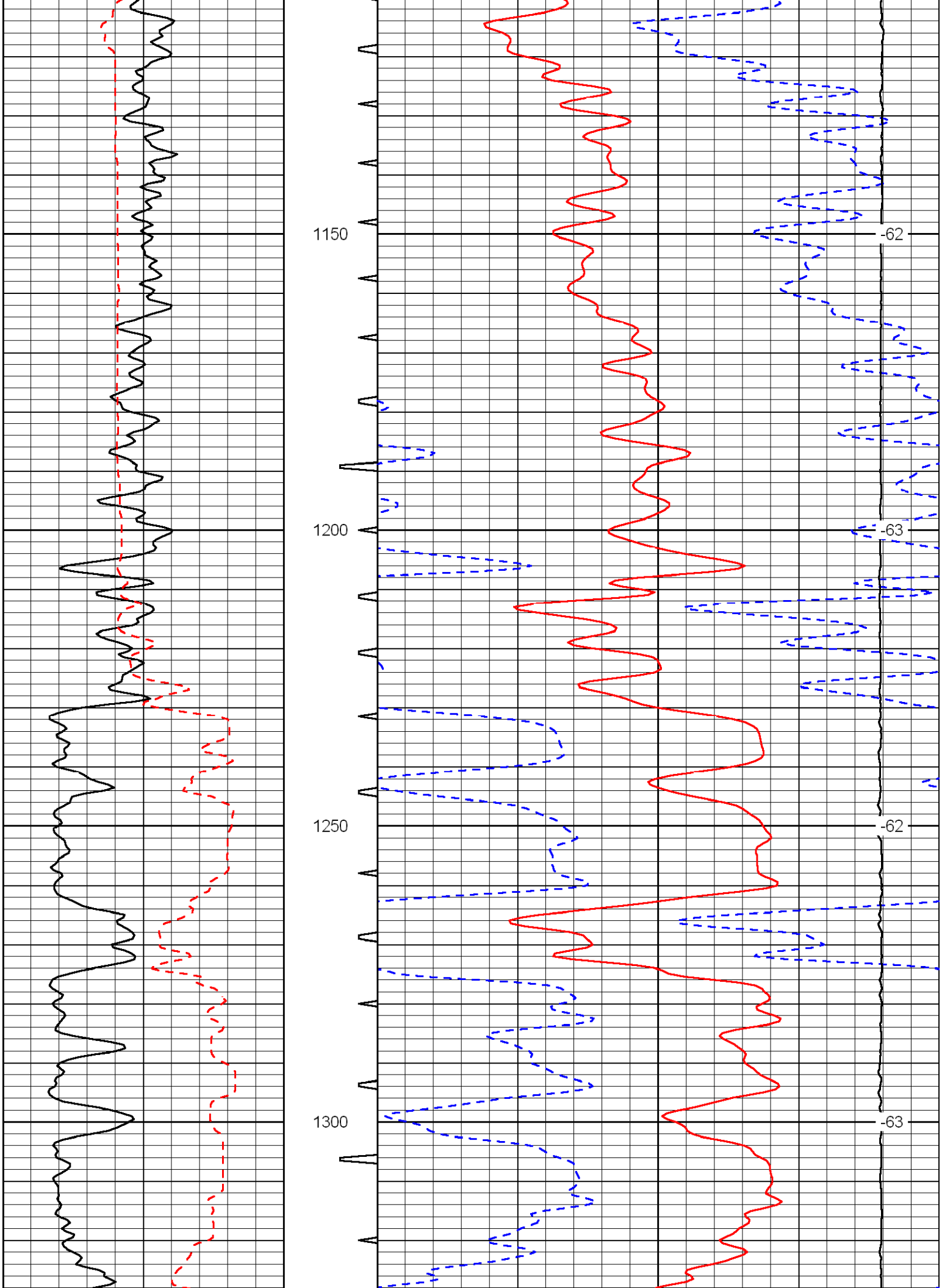
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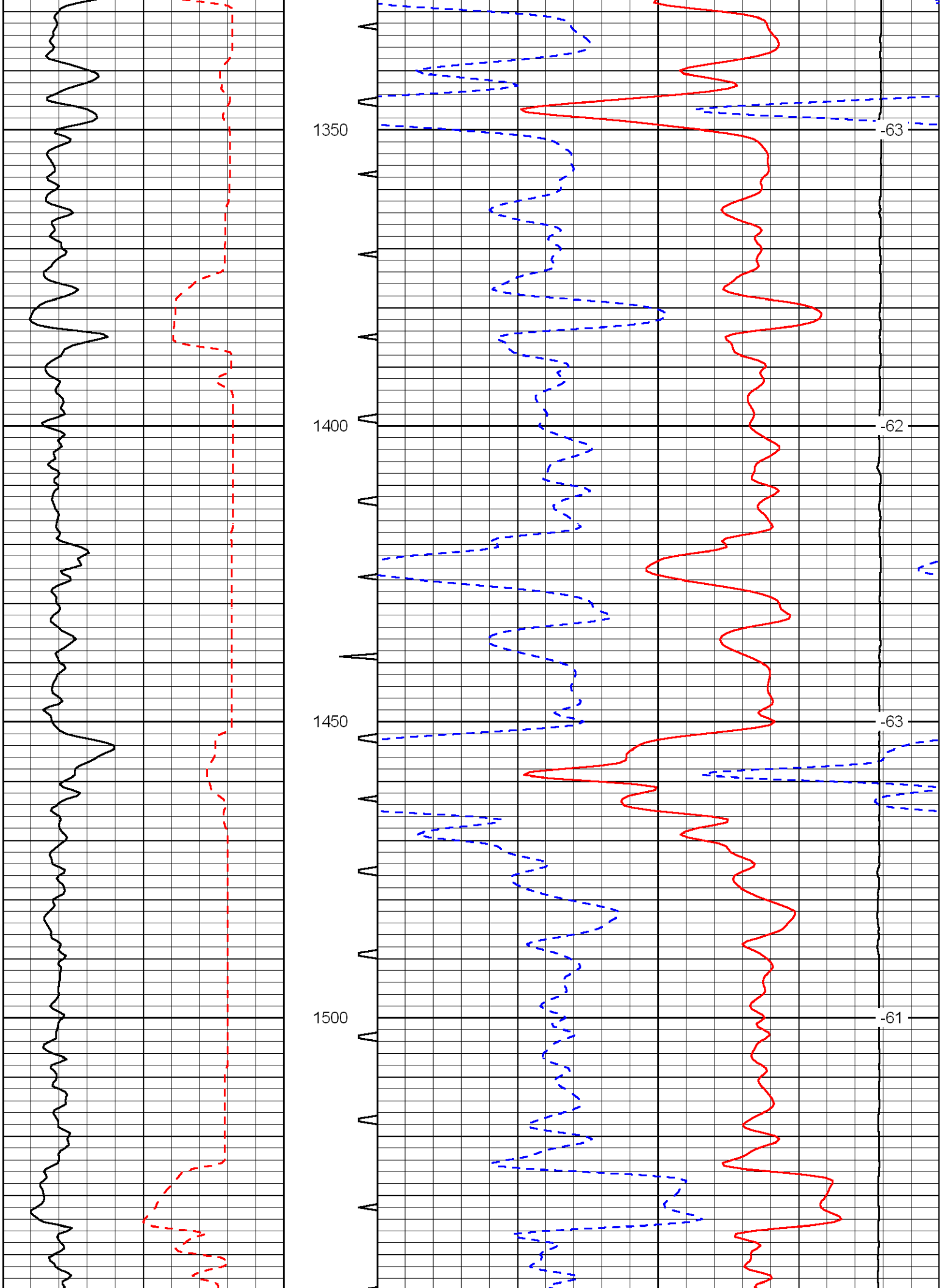
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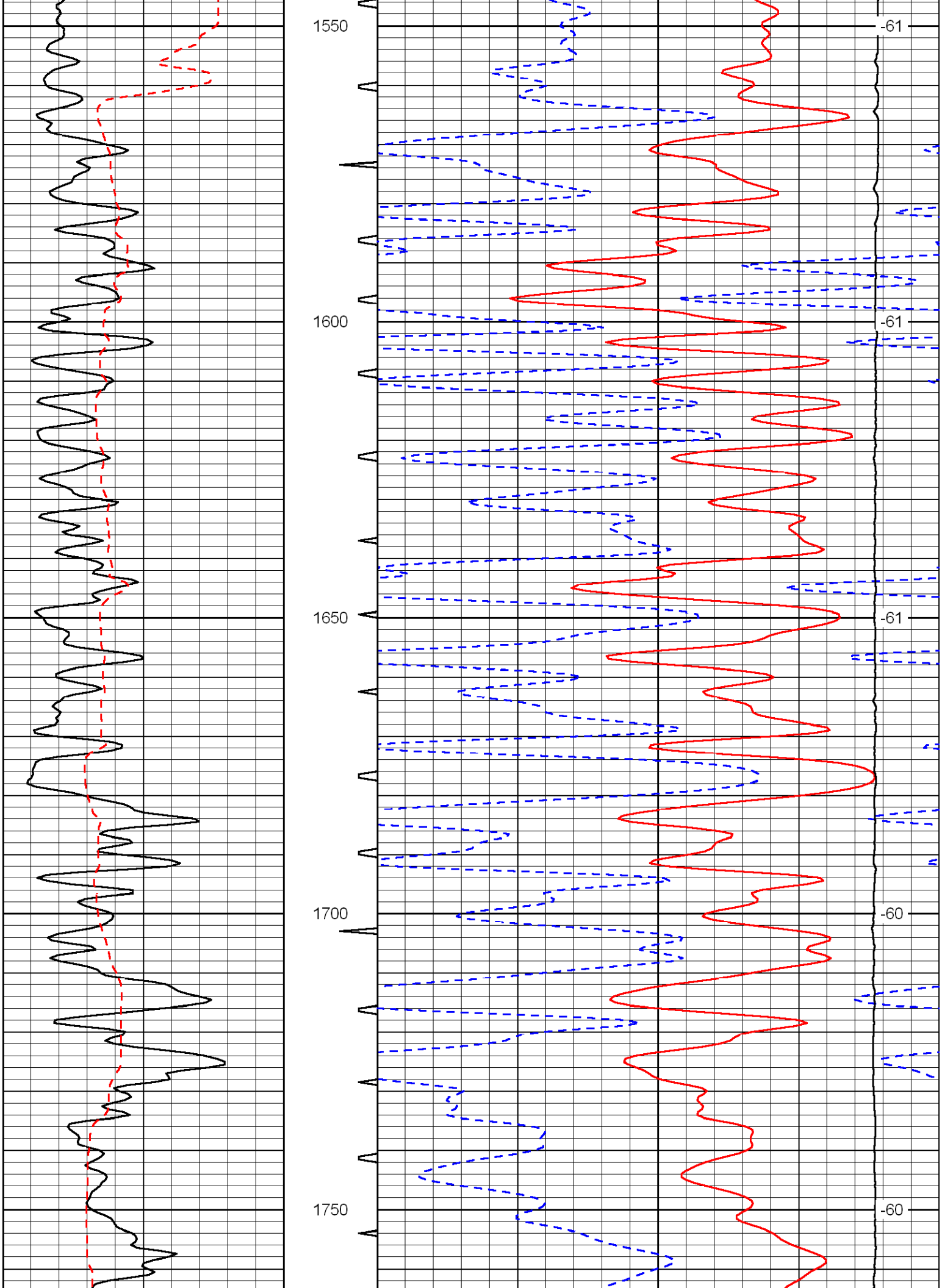
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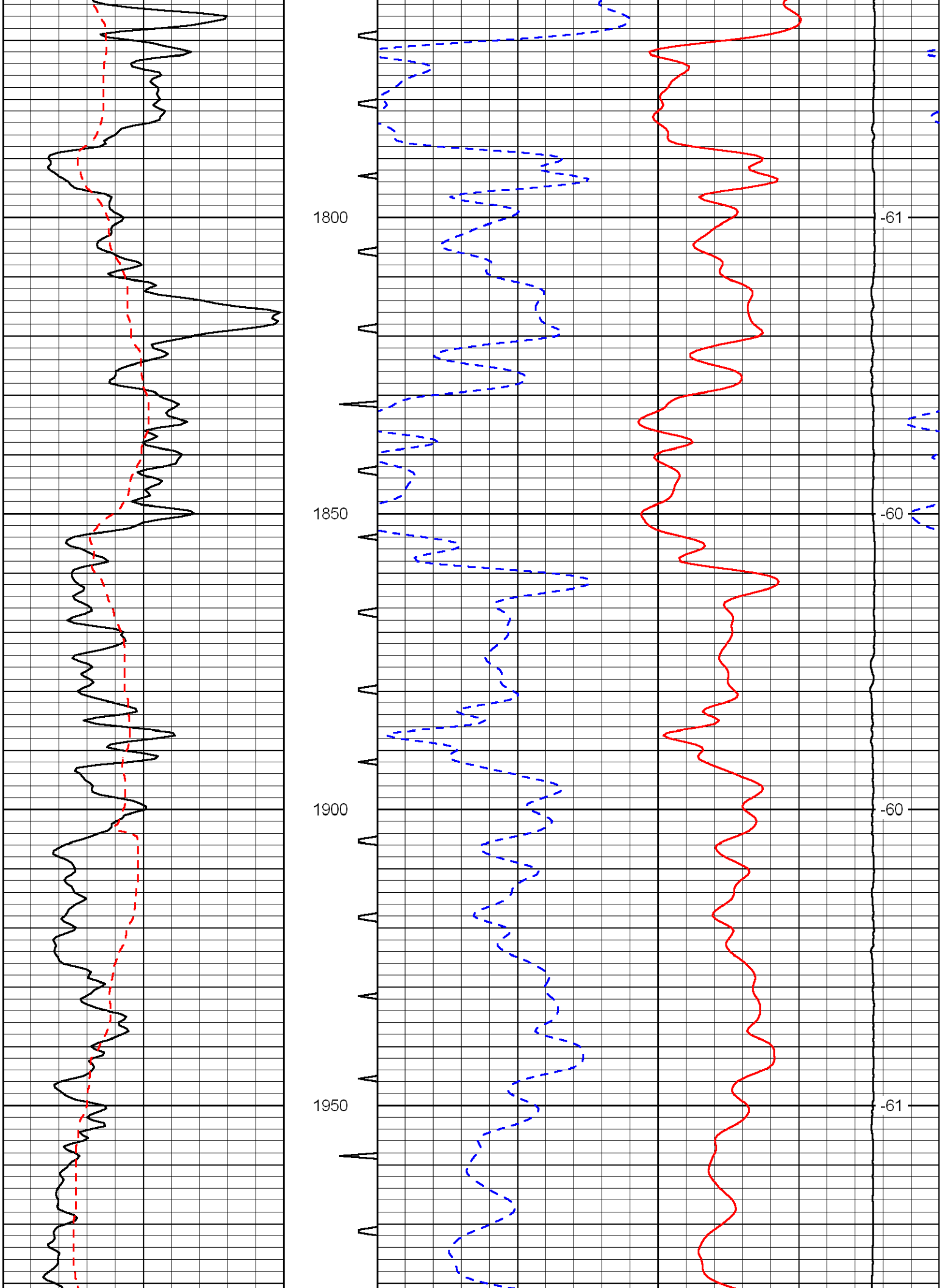
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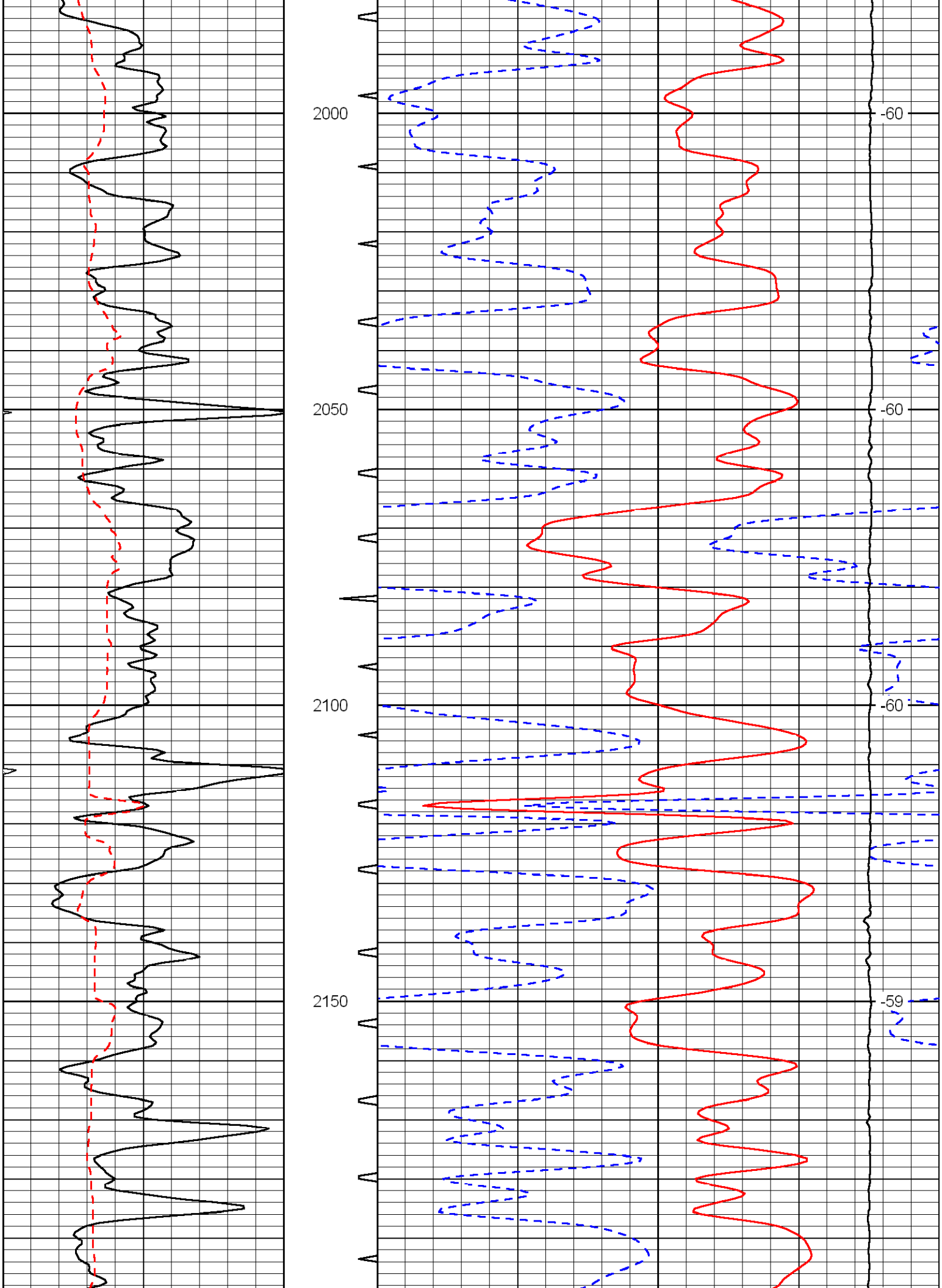
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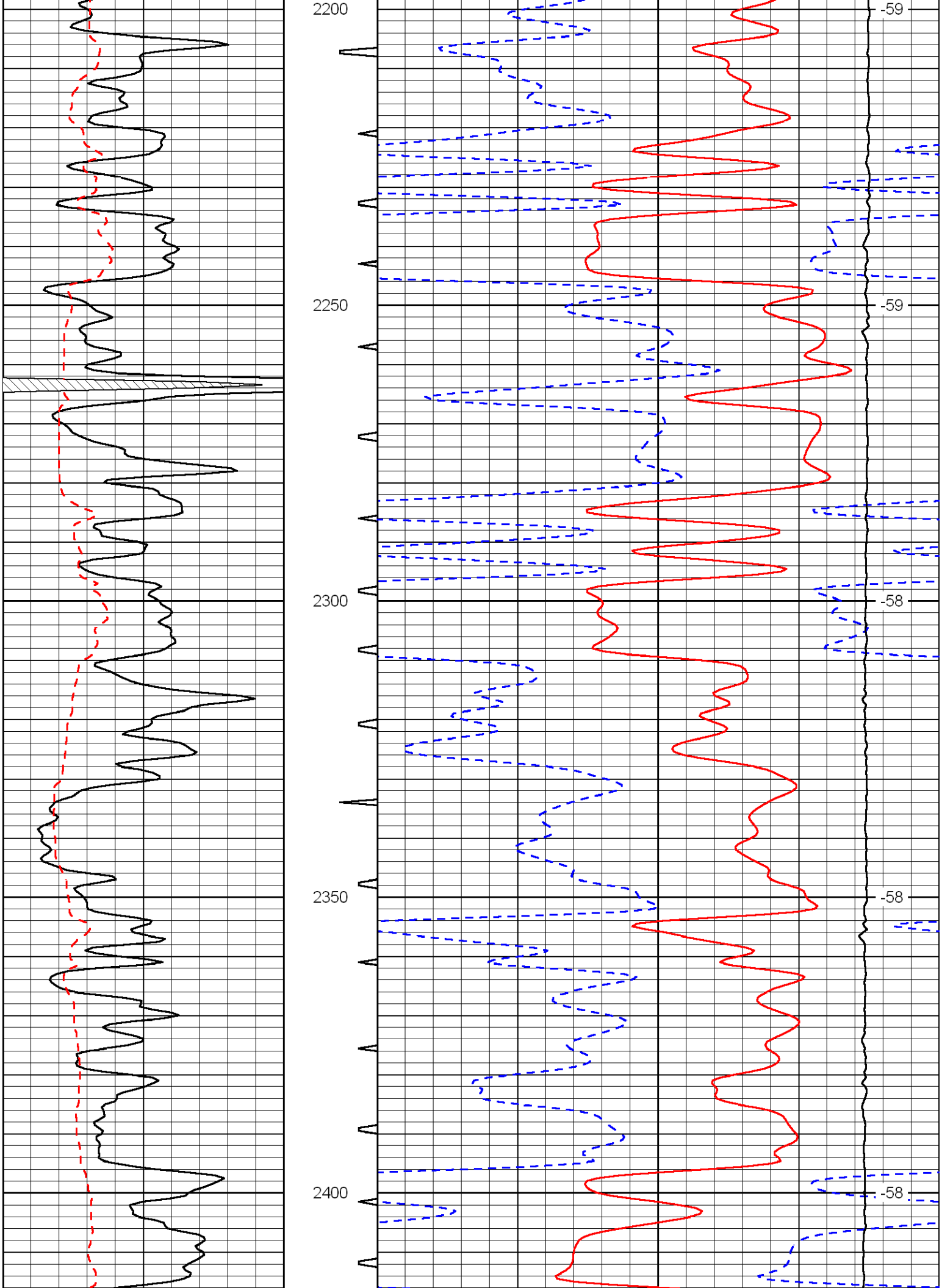
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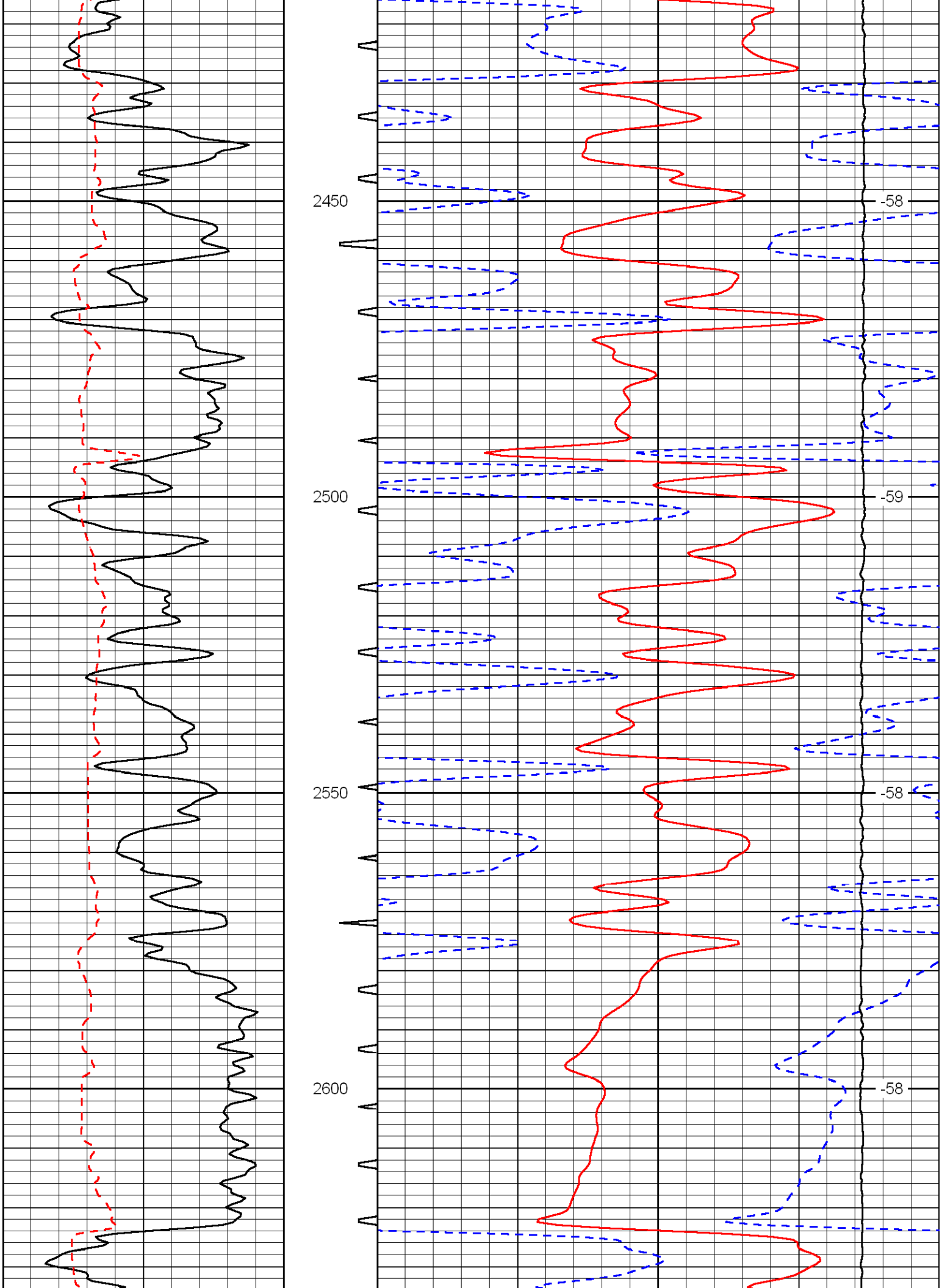
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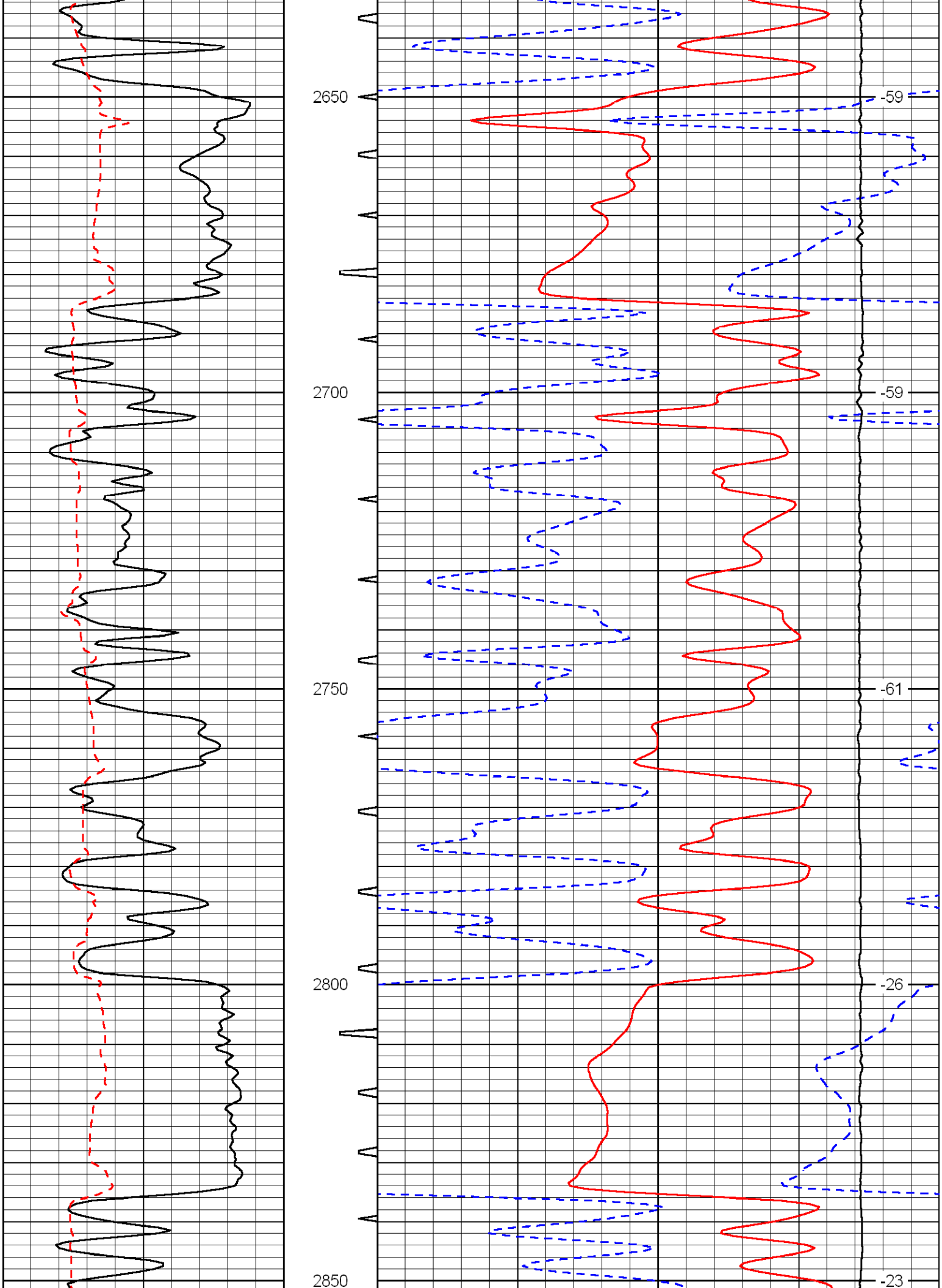
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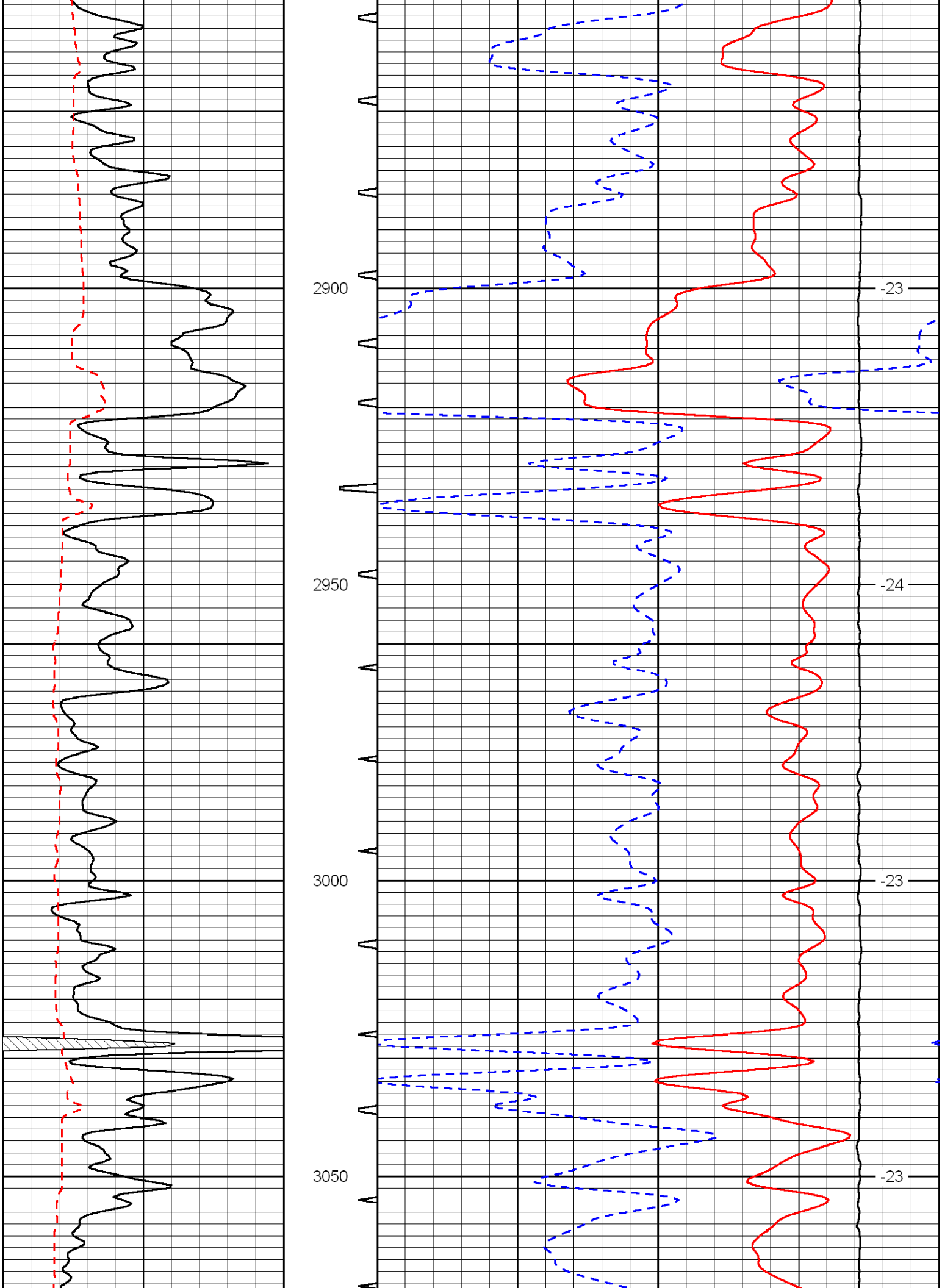
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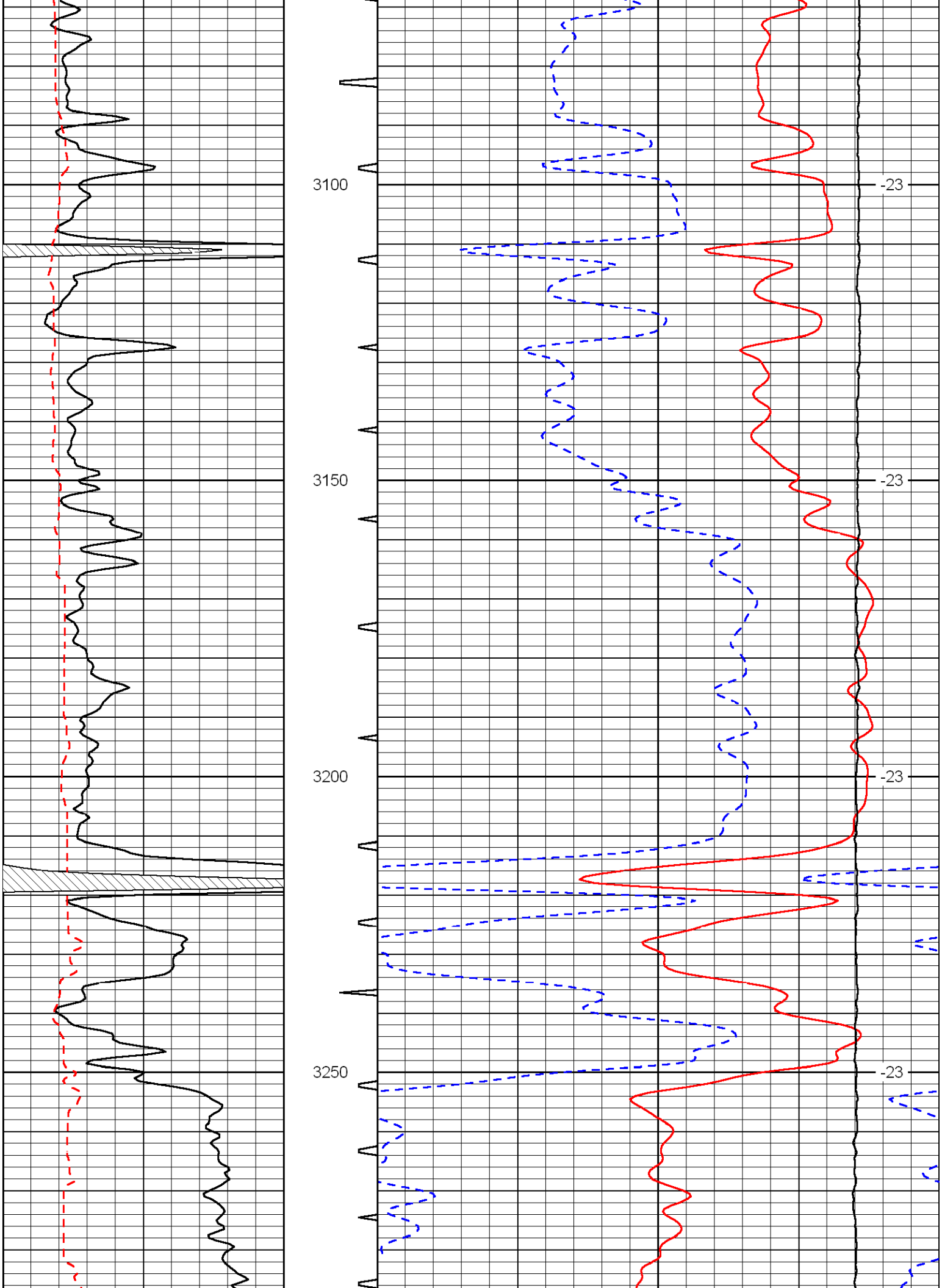
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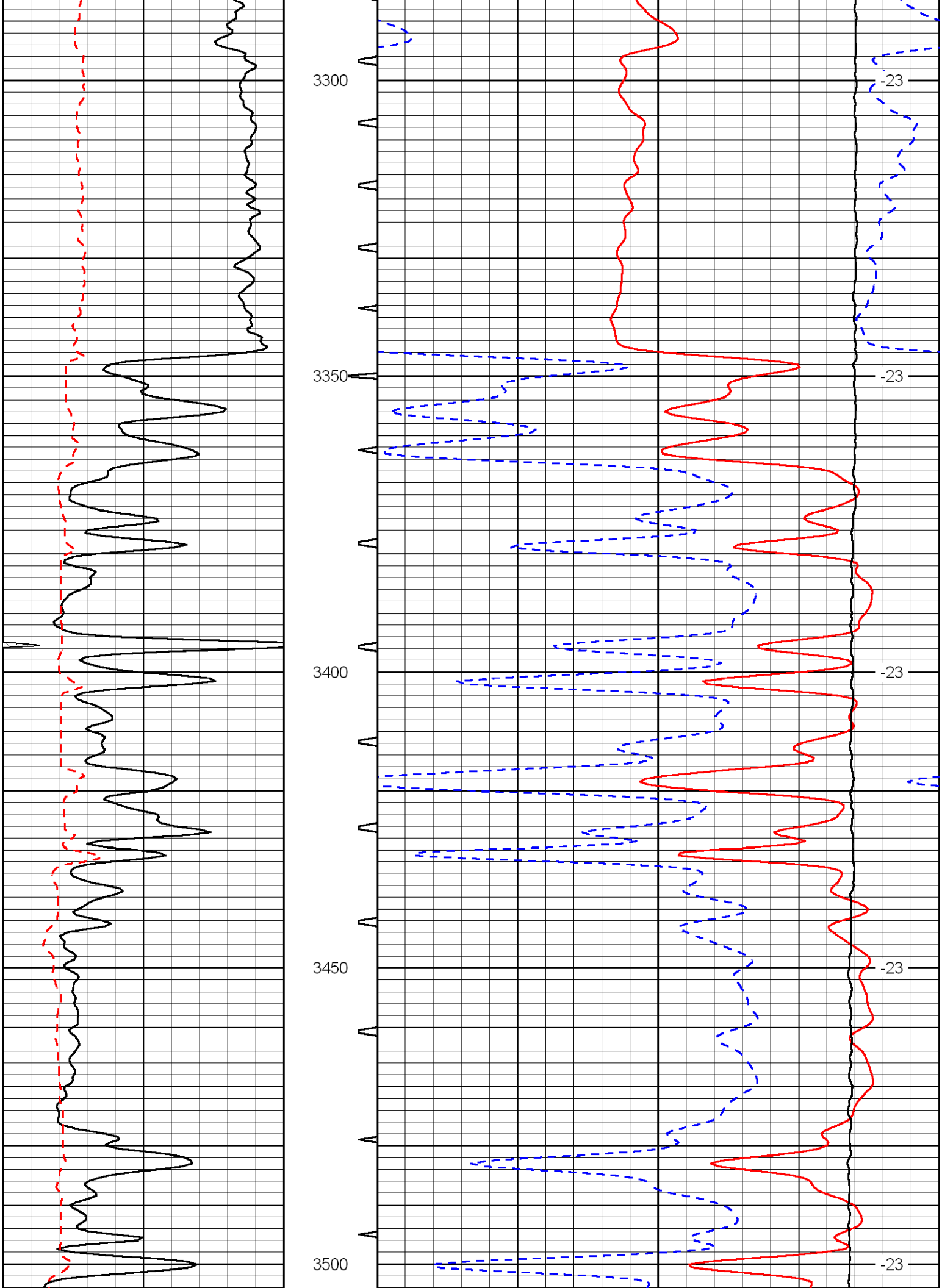
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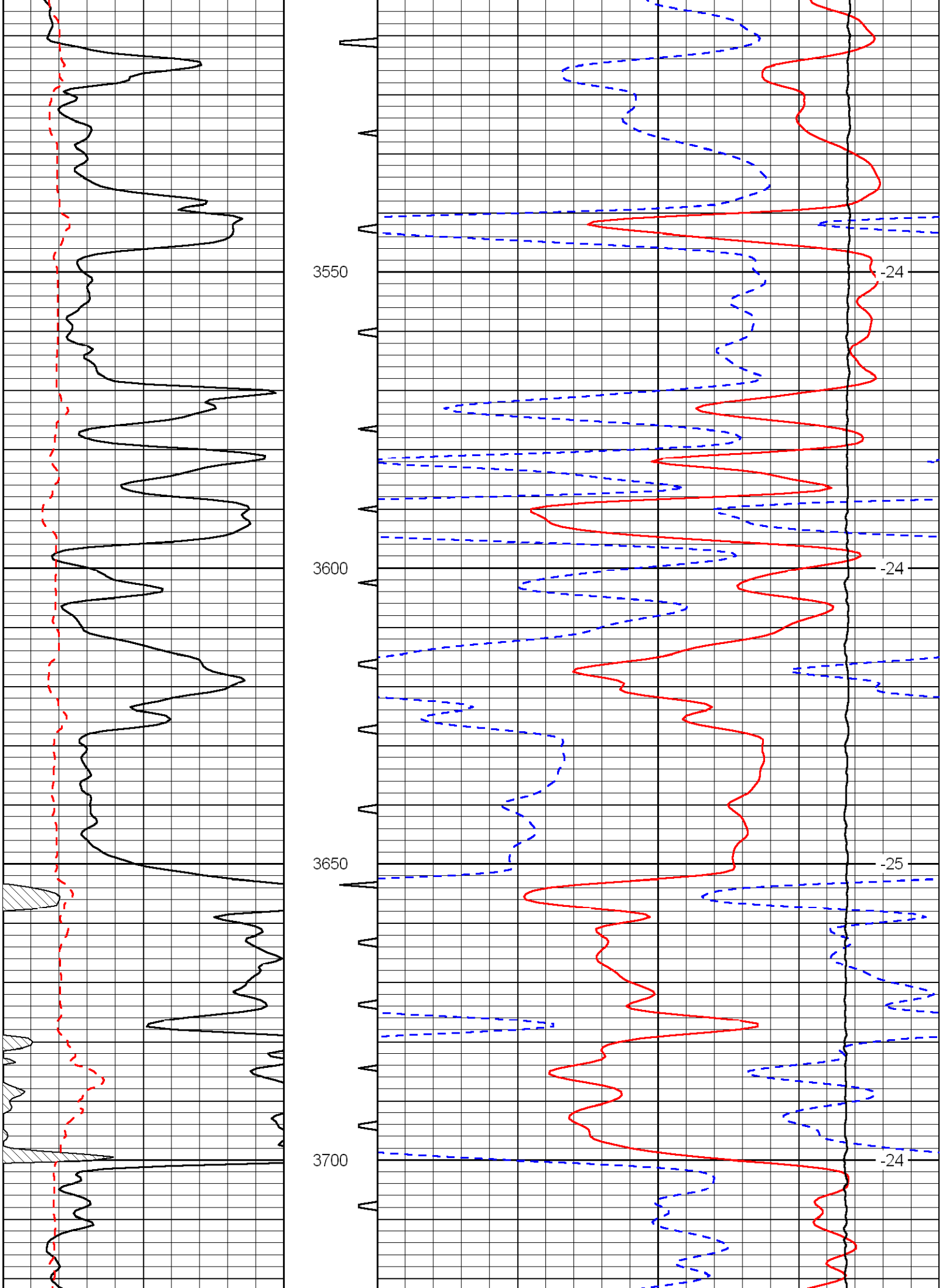
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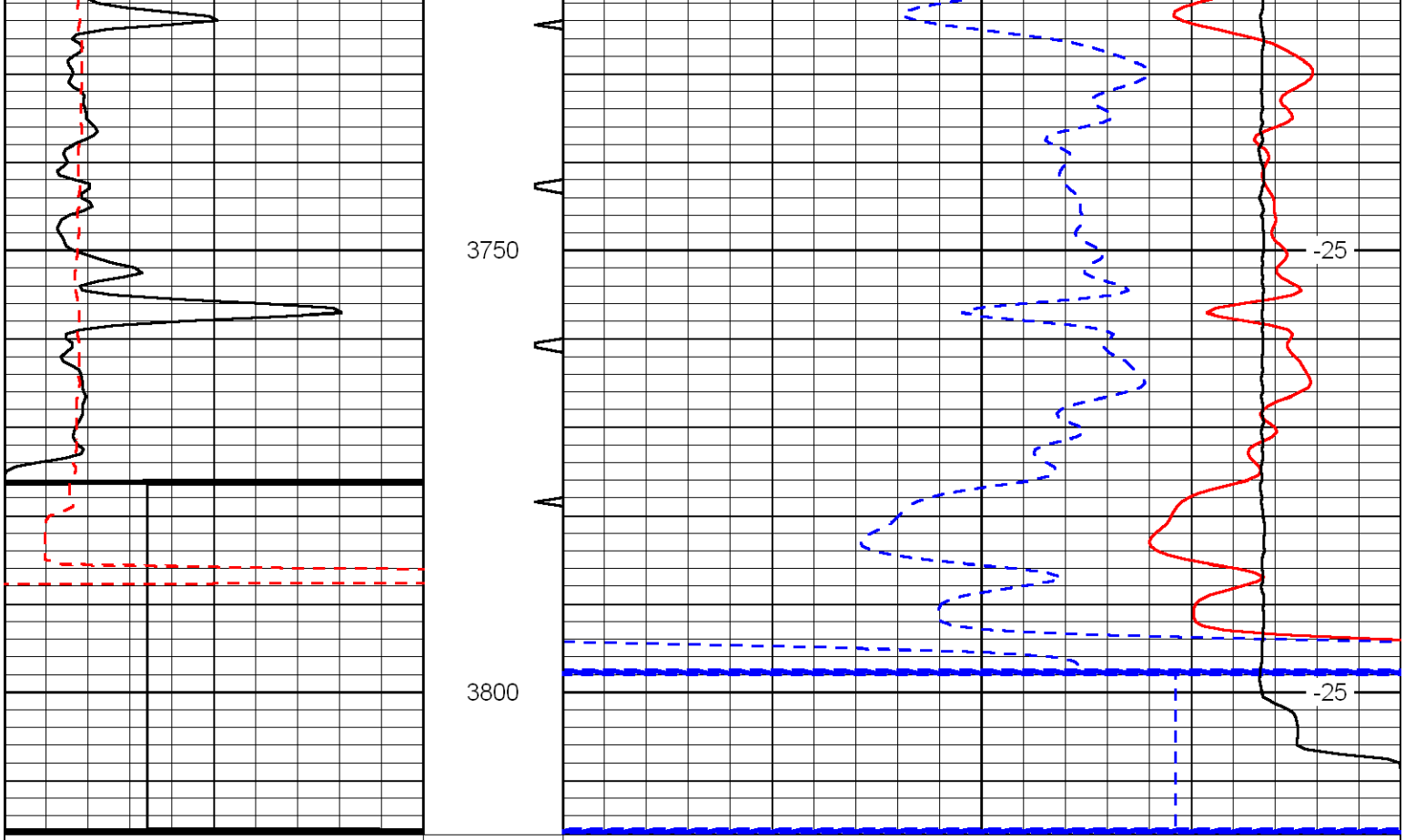

0	Gamma Ray	150	Sonic Int	140	Delta Time (usec/ft)	40
150	Gamma Ray	300	5 0	30	Sonic Porosity (Limestone)	-10
6	Caliper (GAPI)	16		10000	LTEN (lb)	0

LSPD