LOG-TECH

DIGITAL LOG (785) 625-3858

Borehole Compensated Sonic Log

API No. 15-153-20,880-00-00

Company Murfin Drilling Company, Inc.

Well Sherilyn No. 1-14

Field Wildcat

County Rawlins State Kansas

Location 2,310' FSL & 660' FEL

Sec: 14 Twp: 5S Rge: 31W

Permanent Datum Ground Level Elevation 2928

Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

Other Services: CNL/CDL, MEL/DIL

Elevation: K.B. 2933, D.F., G.L. 2928

Date	05/30/2010
Run Number	Two
Type Log	BHC Sonic
Depth Driller	4465
Depth Logger	4463
Bottom Logged Interval	4452
Top Logged Interval	200
Type Fluid In Hole	Chemical
Salinity, PPM CL	2,100
Density	9.4
Level	Full
Max. Rec. Temp. F	123
Operating Rig Time	4 1/2 Hours
Equipment -- Location	17 Hays
Recorded By	Mike Garrison
Witnessed By	Paul Gunzelman

Borehole Record

Run No.	Bit	From	To
1	12.25	00	219
2	7.875	219	4465

Casing Record

Size	Wgt.	From	To
8.625	24#	00	219

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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

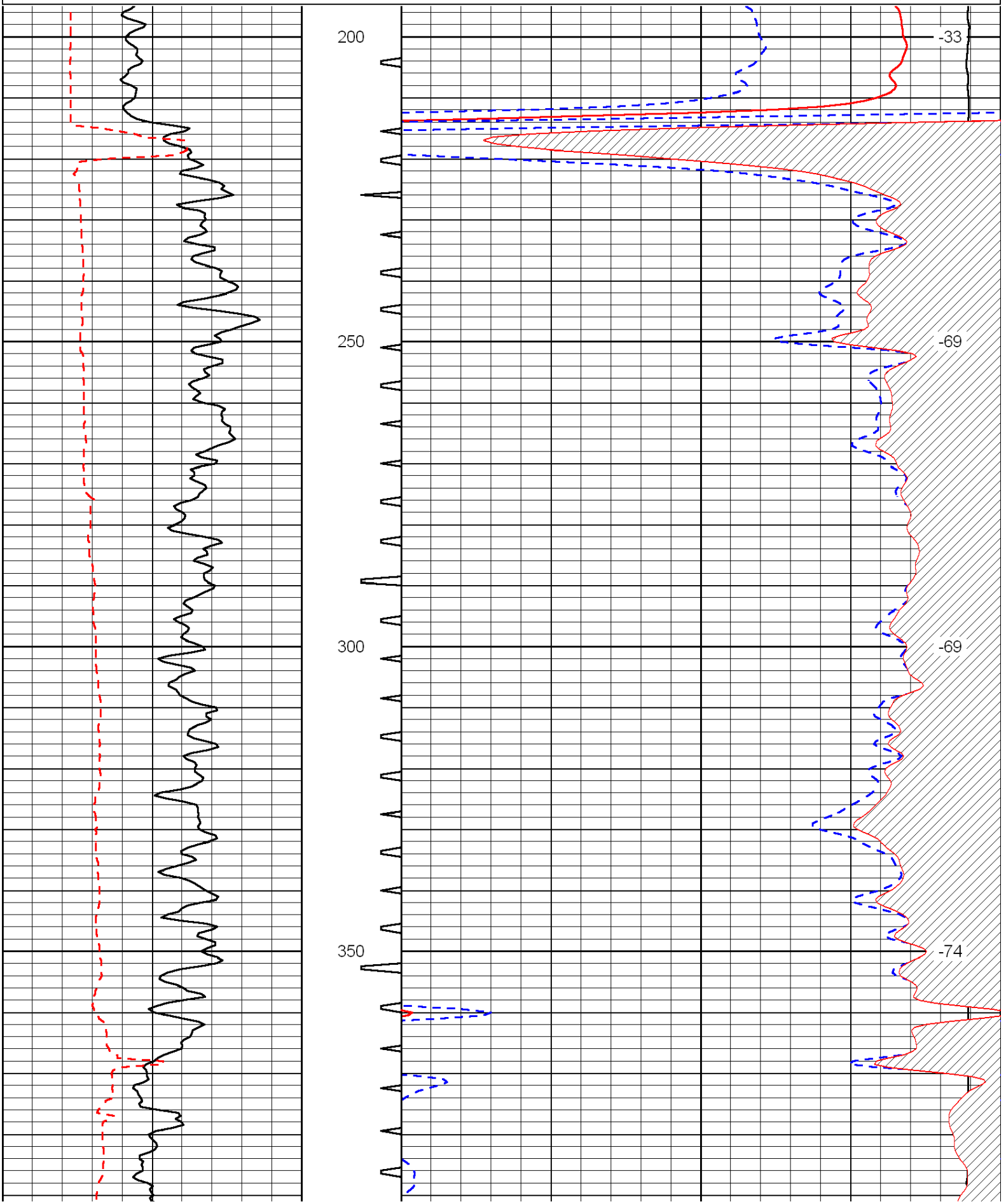
Thank you for using Log-Tech, Inc.
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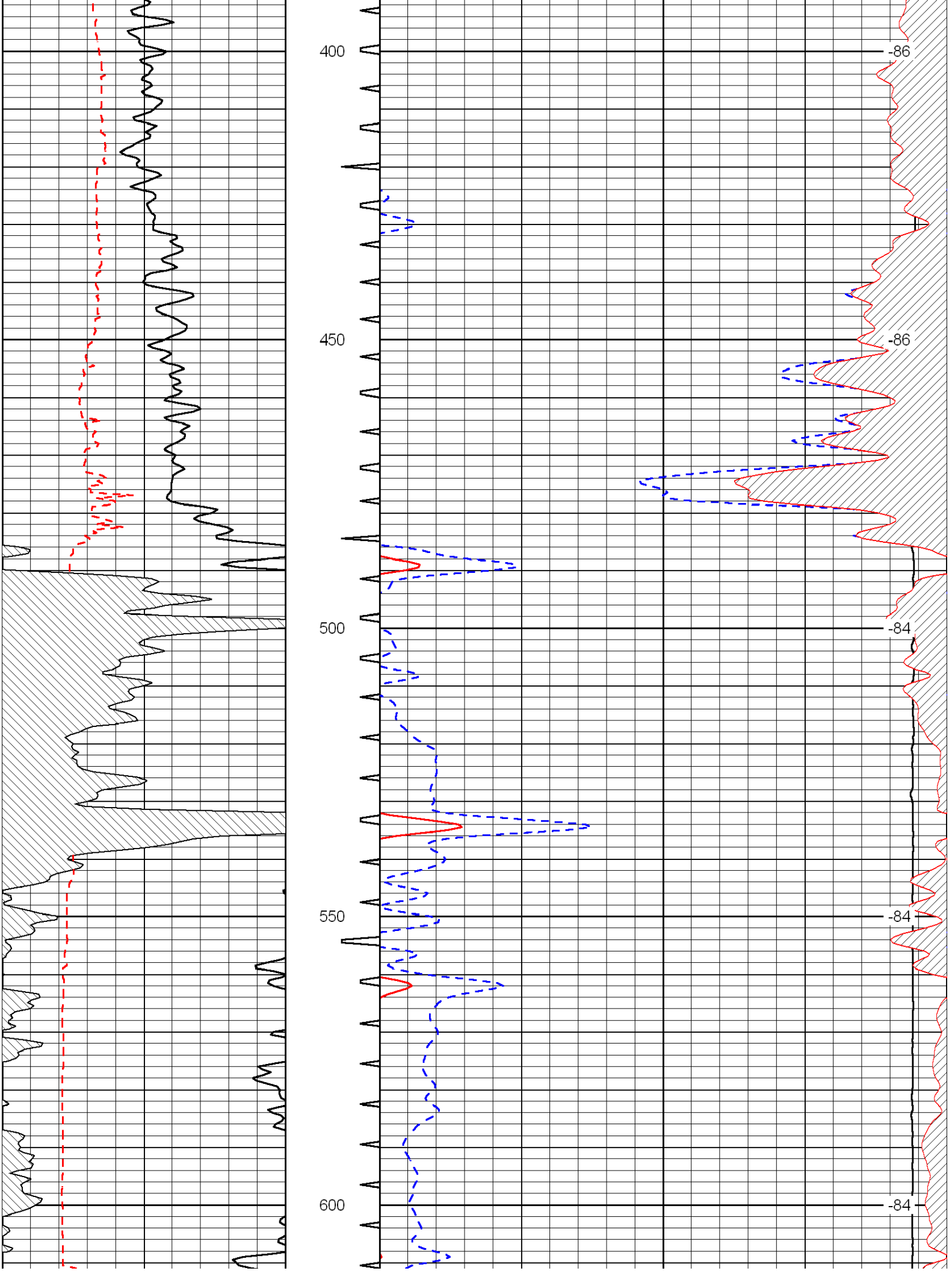
Rexford, 6 North to Y, 1 West, 3 1/4 North, West Into

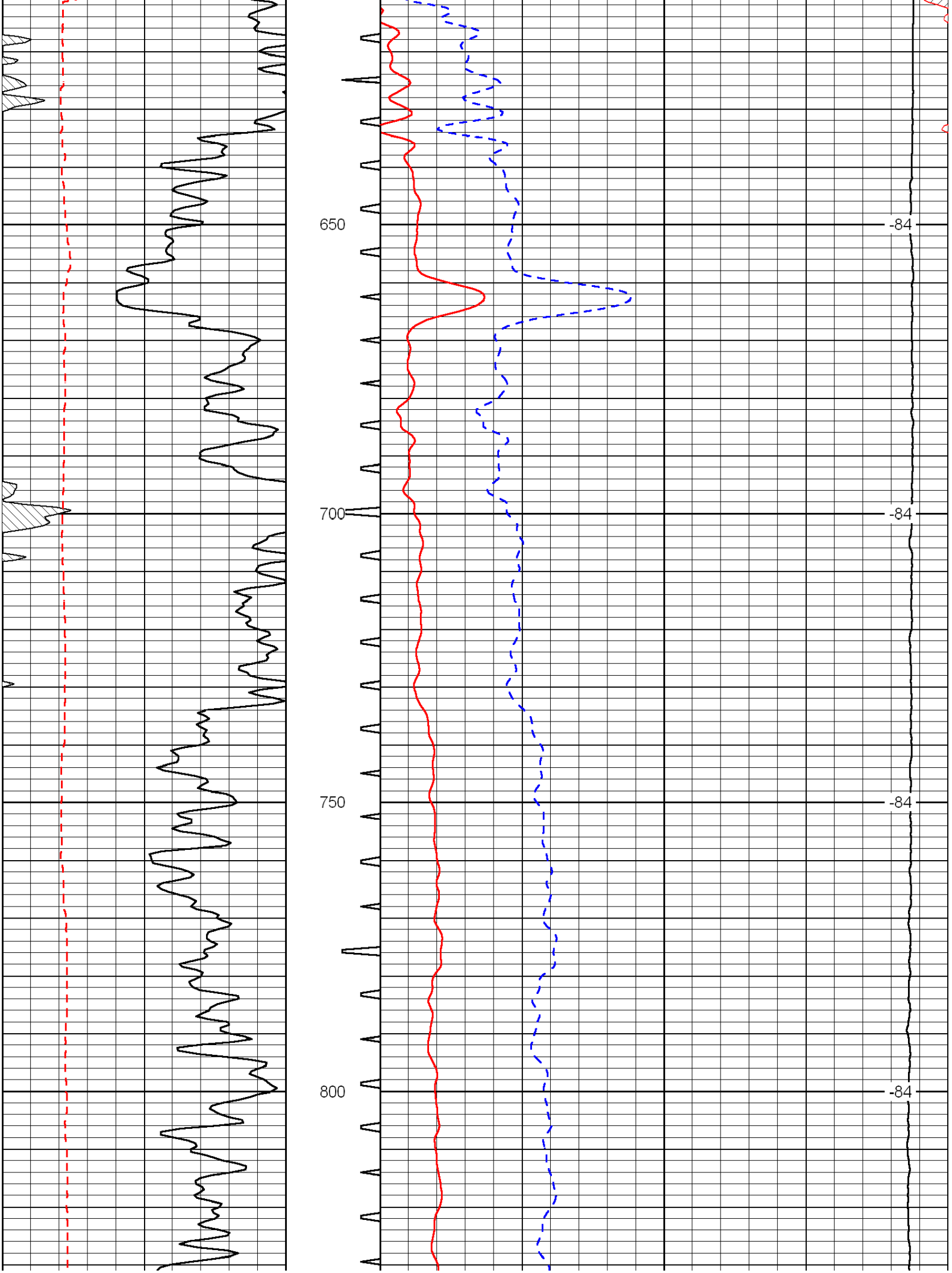
Database File: c:\warrior\data\murfin_sherilyn no. 1-14\murfhd.db
Dataset Pathname: dil/murfstck
Presentation Format: sonic
Dataset Creation: Sun May 30 23:19:35 2010
Charted by: Depth in Feet scaled 1:240

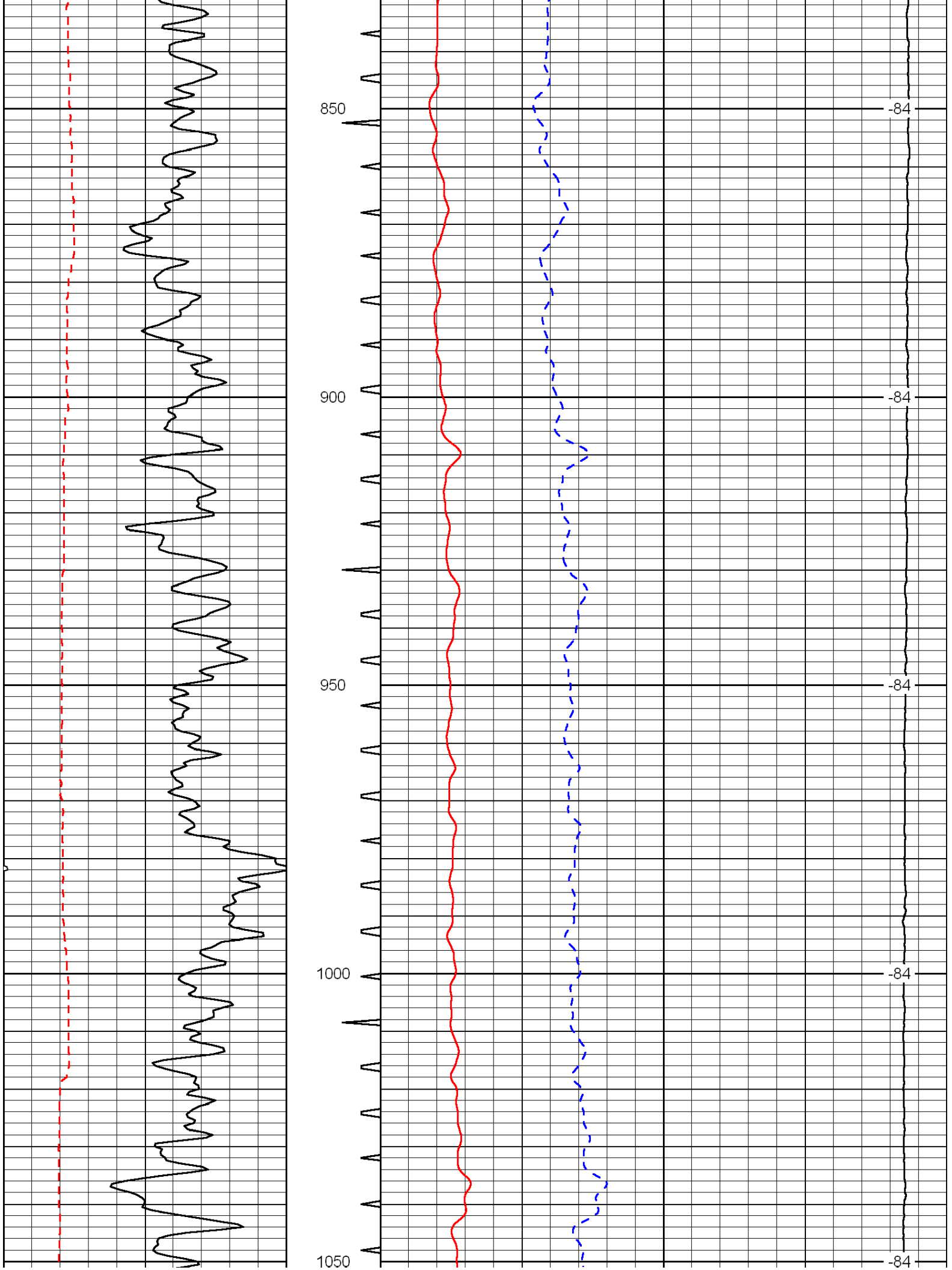
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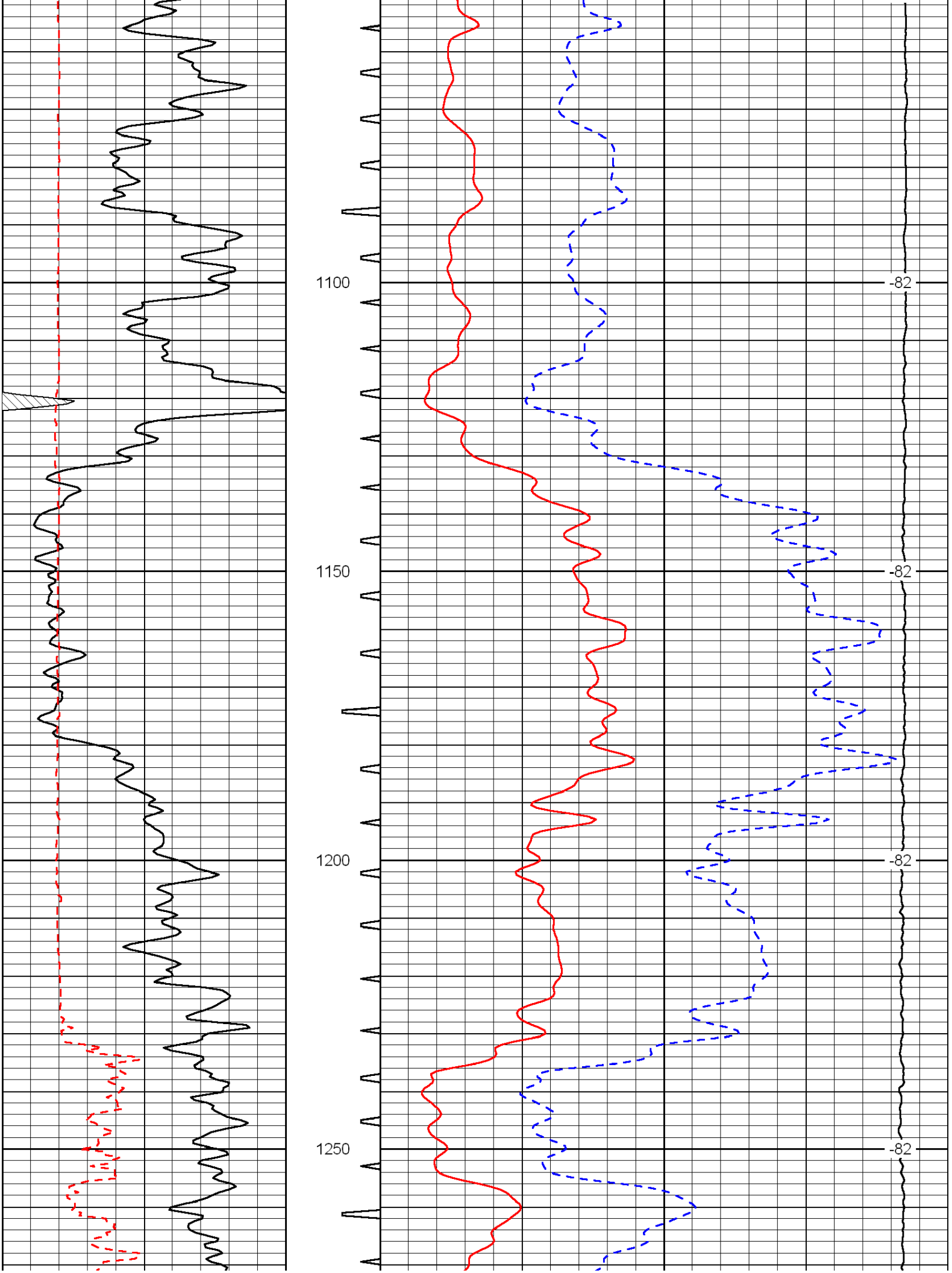
0	Gamma Ray	150	Sonic Int	140	Delta Time (usec/ft)	40	
150	Gamma Ray	300	5 0	30	SPOR	-10	
6	Caliper (GAPI)	16		15000	LTEN (lb)	0	
							LSPD

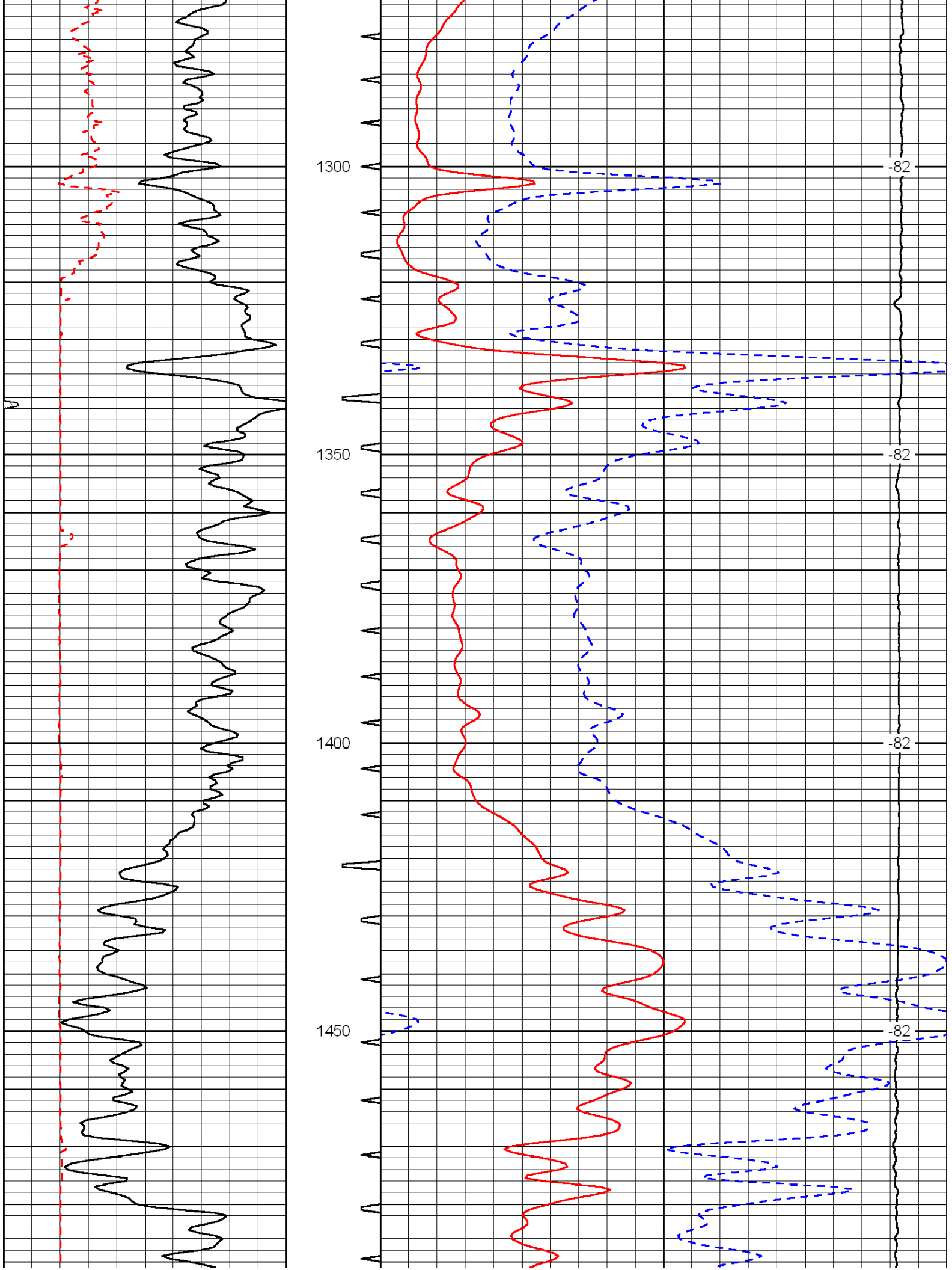


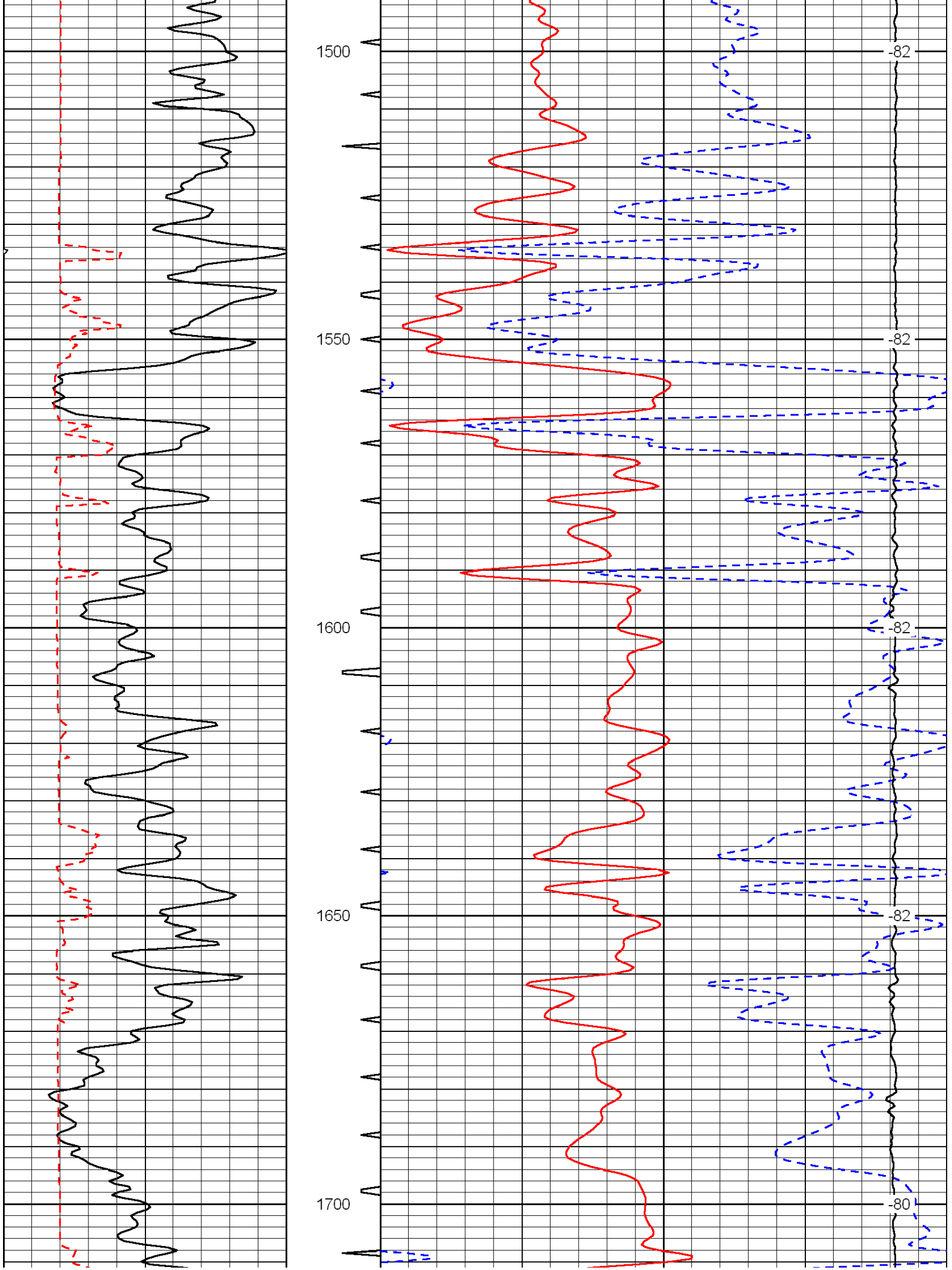

400
450
500
550
600
-86
-86
-84
-84
-84

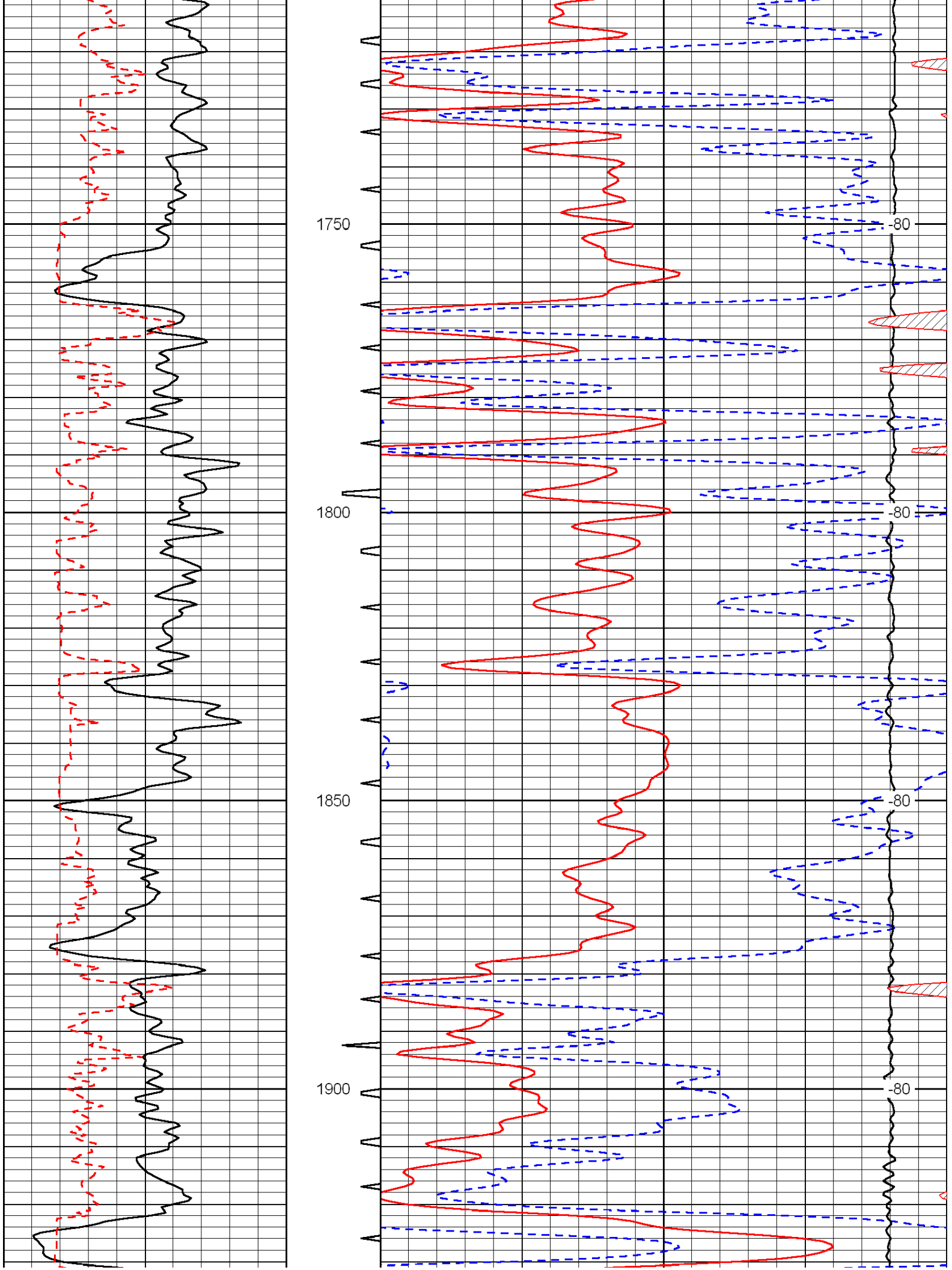

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700
750
800
-84
-84
-84
-84

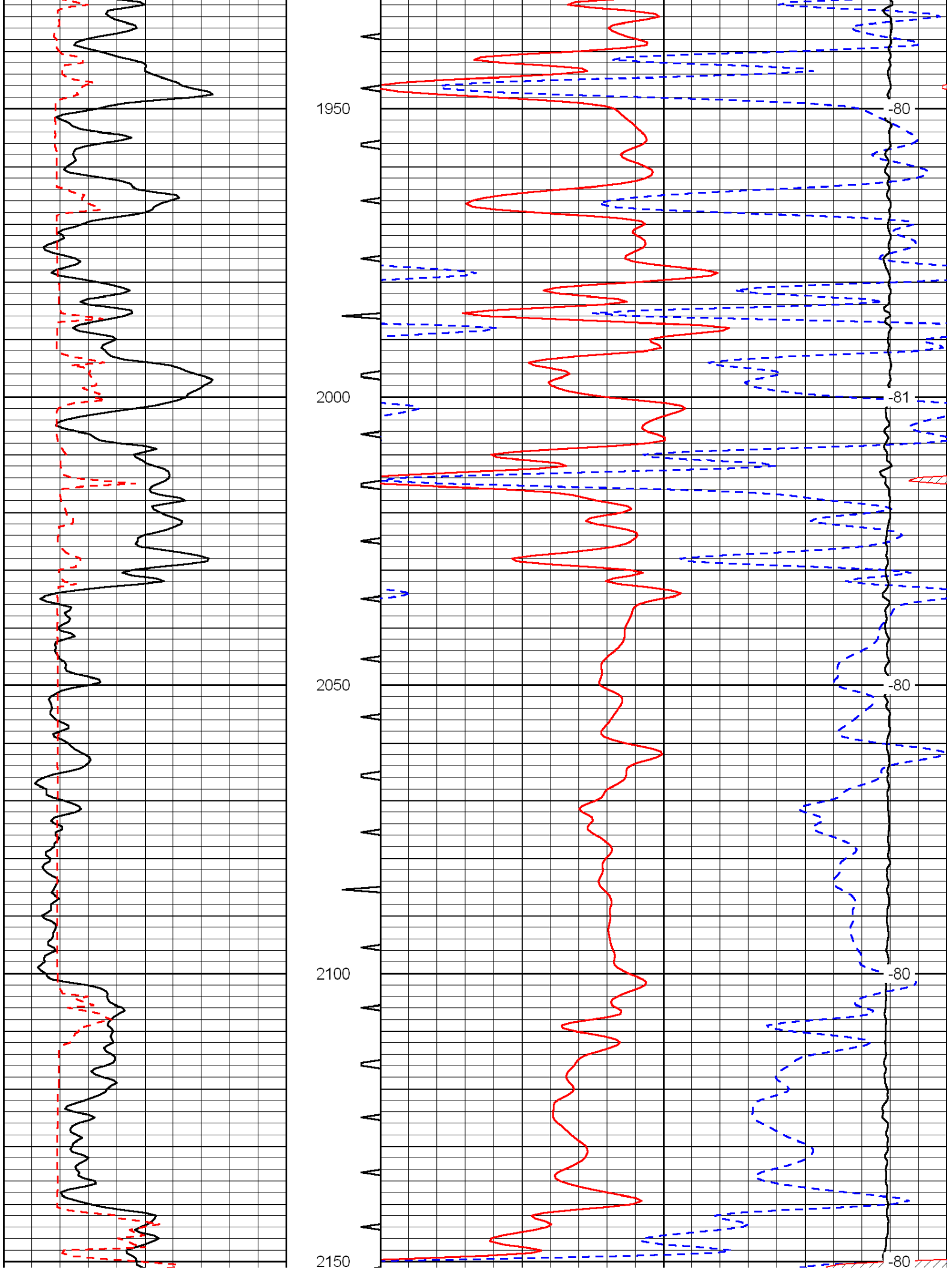

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900
950
1000
1050
-84
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-84
-84
-84

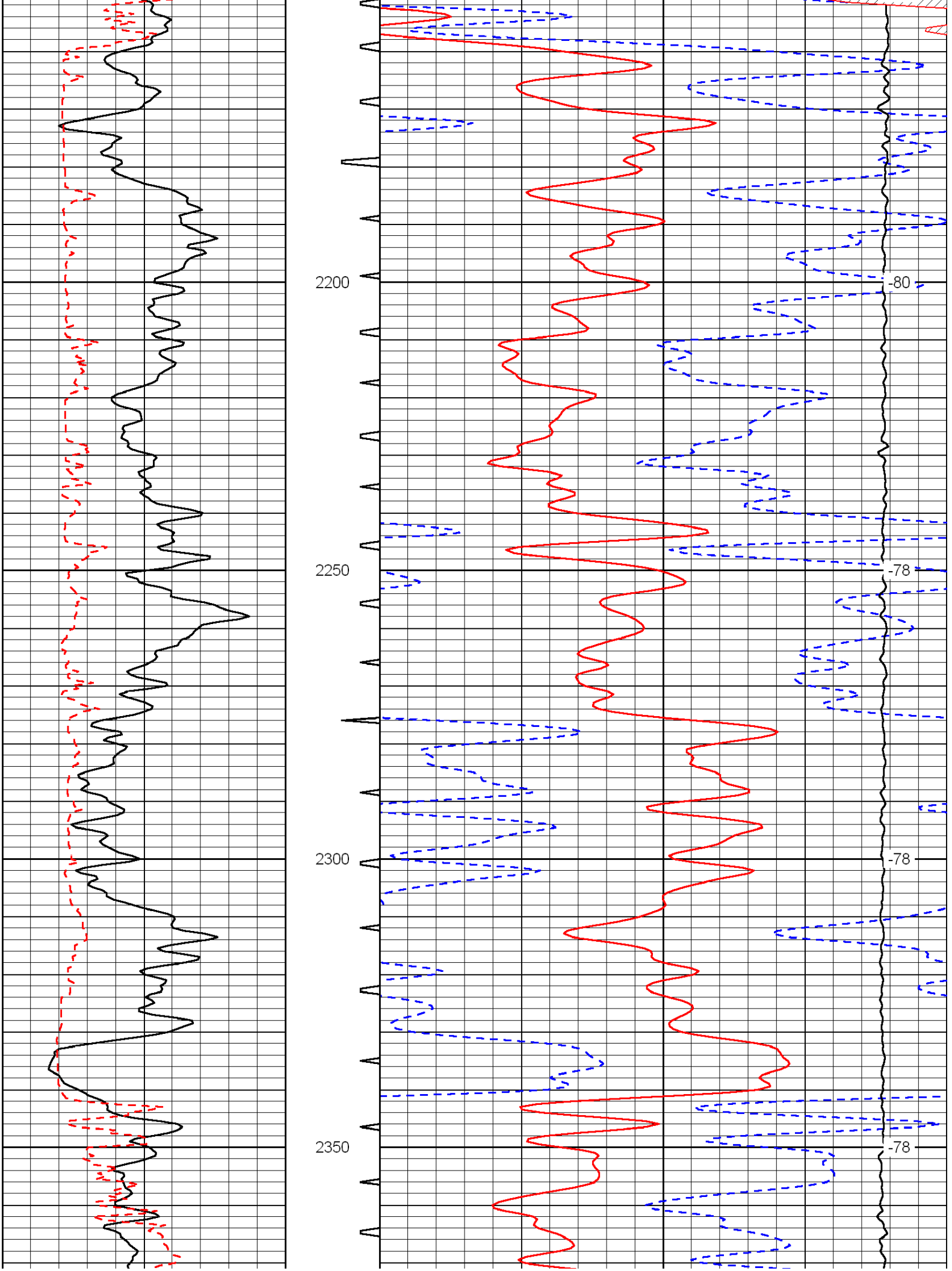

1100
1150
1200
1250
-82
-82
-82
-82

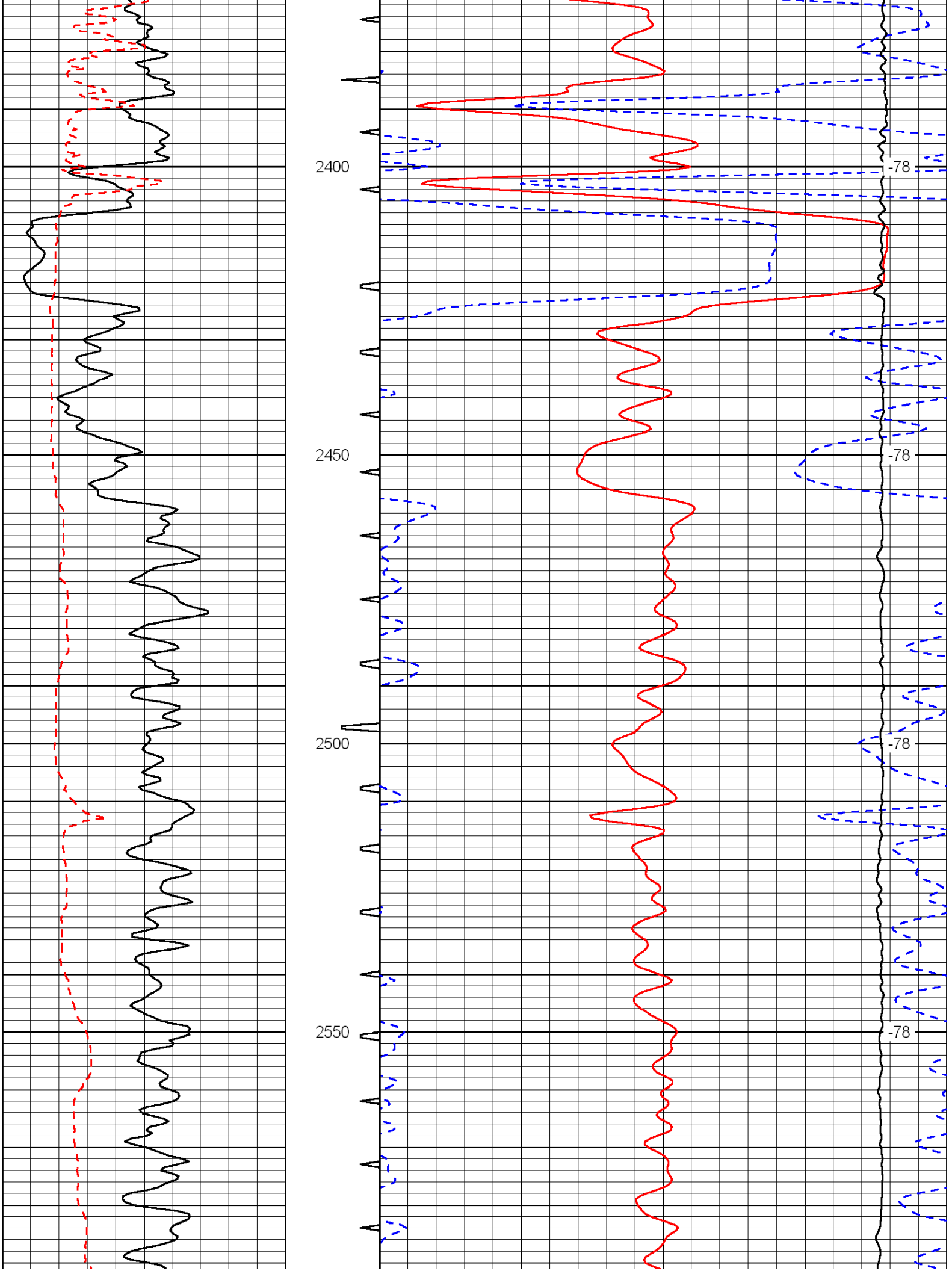

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1400
1450
-82
-82
-82
-82

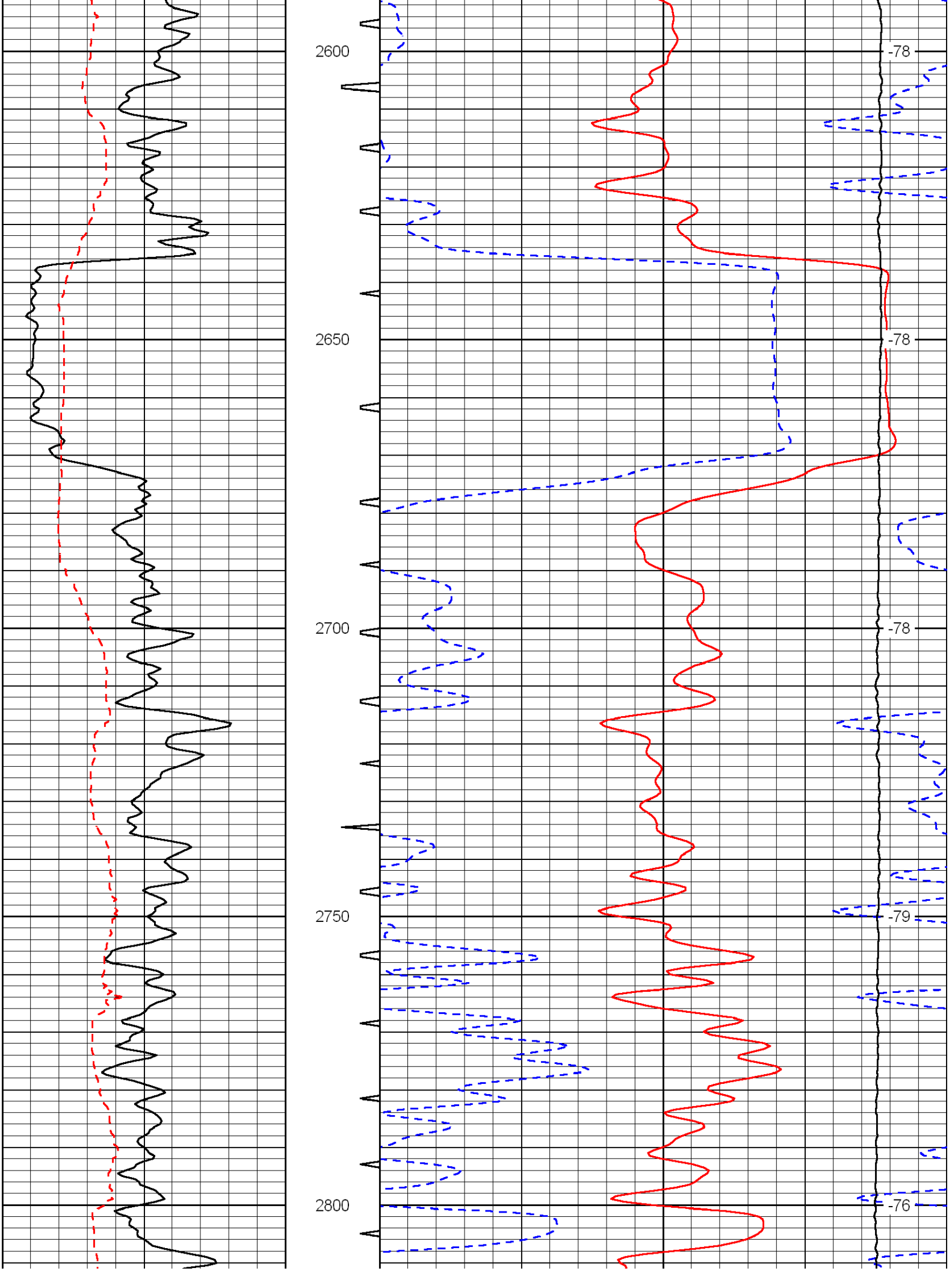

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-82
-82
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-80

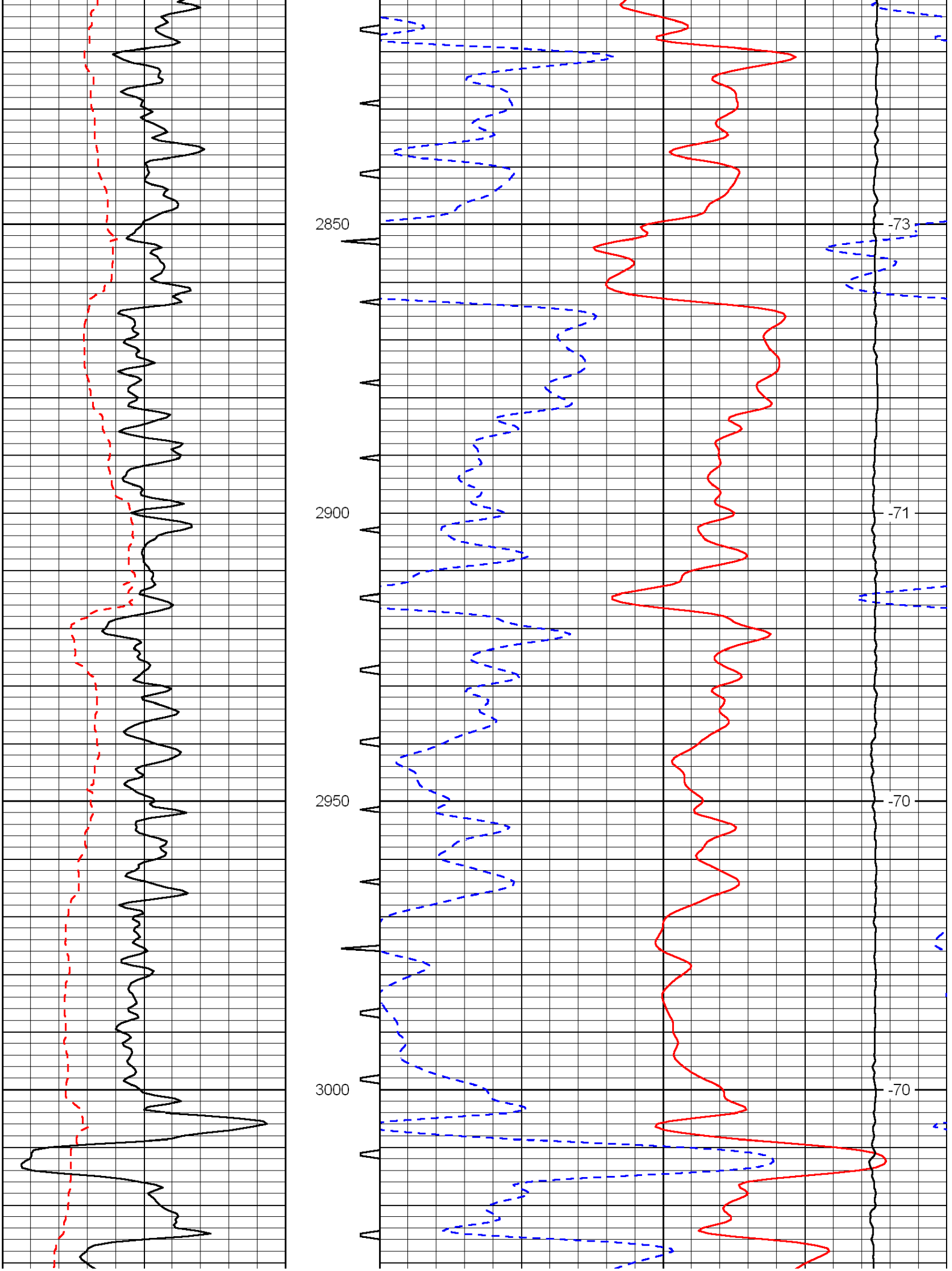

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1900
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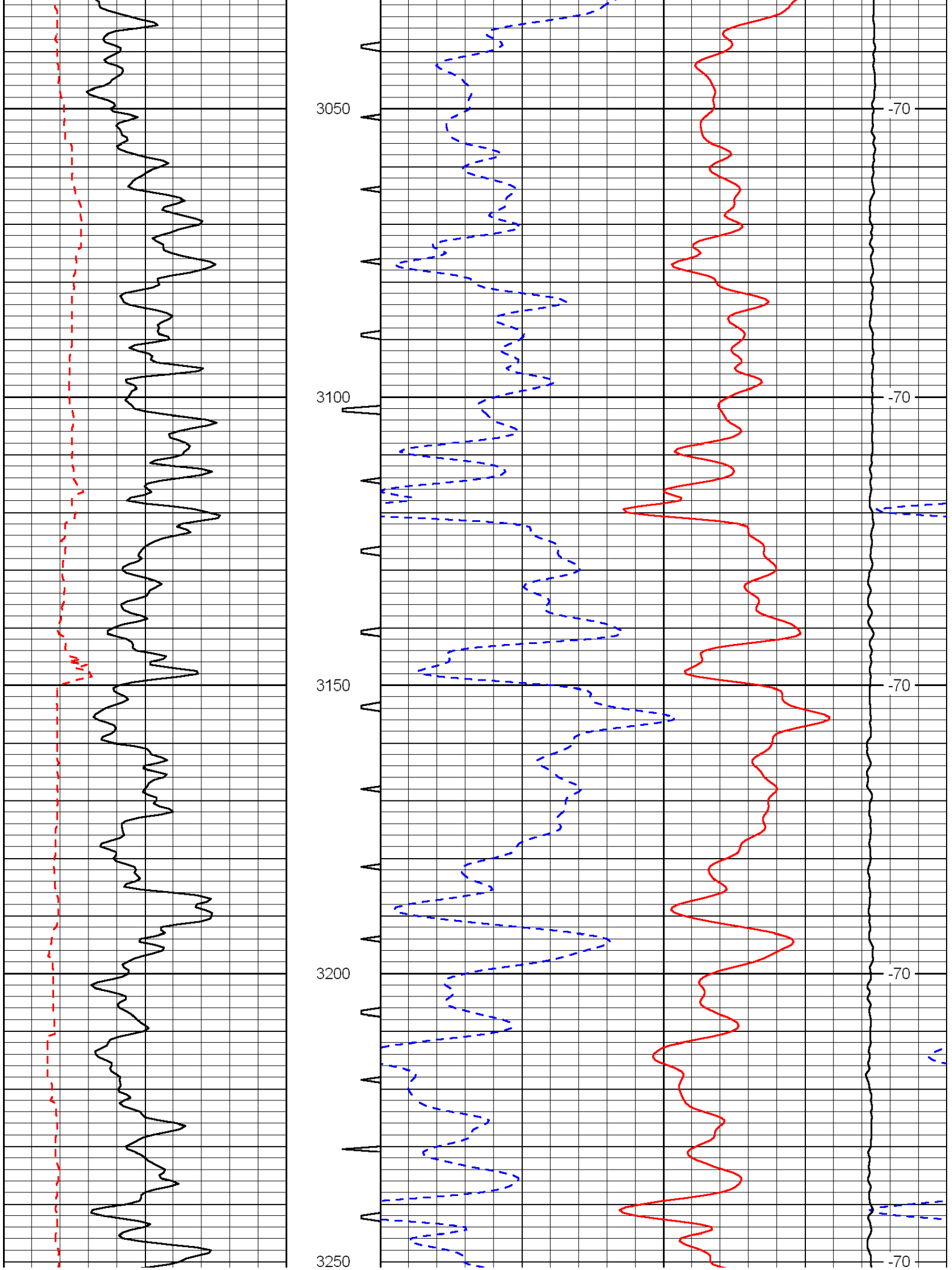

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2000
2050
2100
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-80
-81
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-80
-80

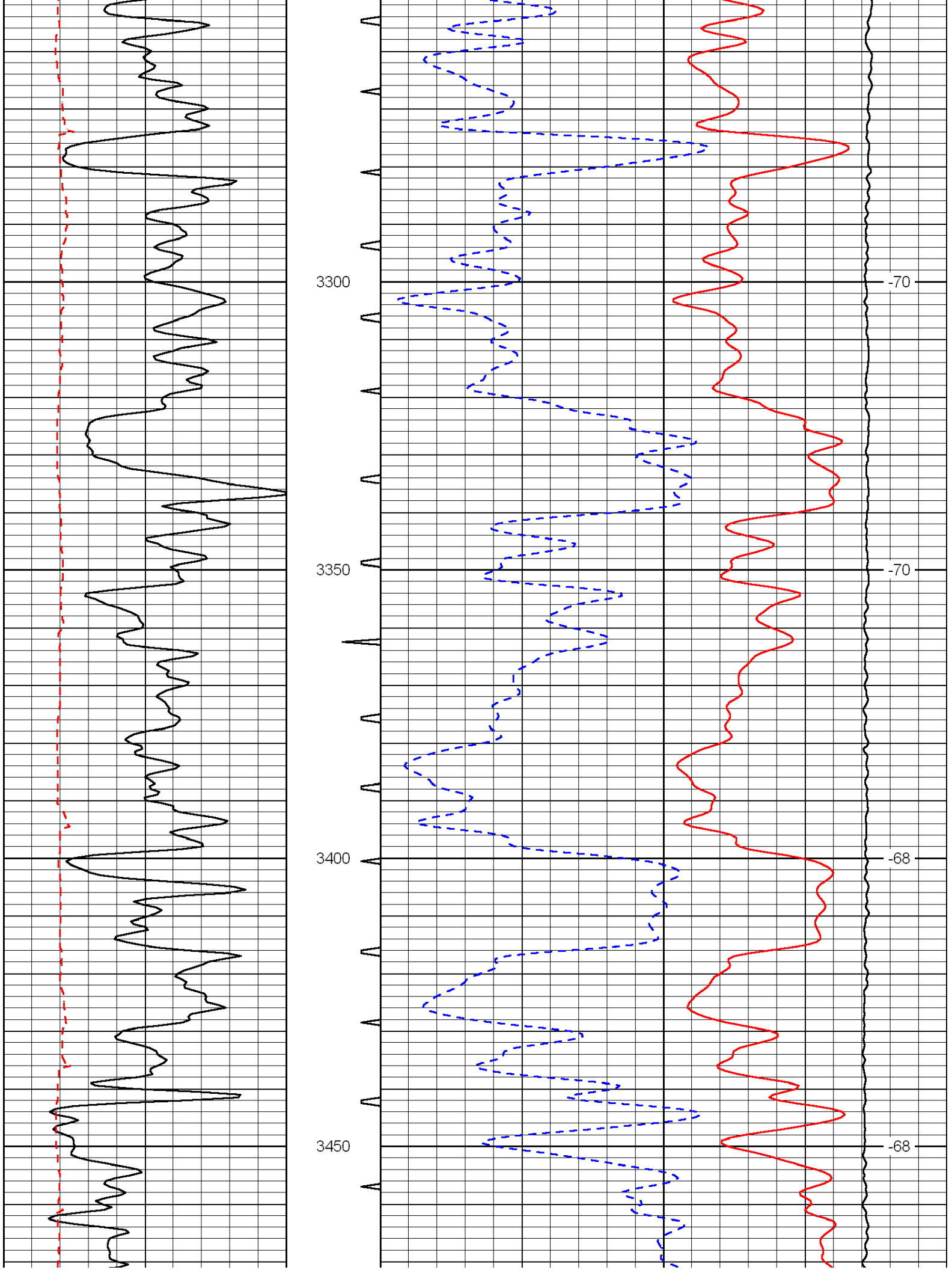

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-78
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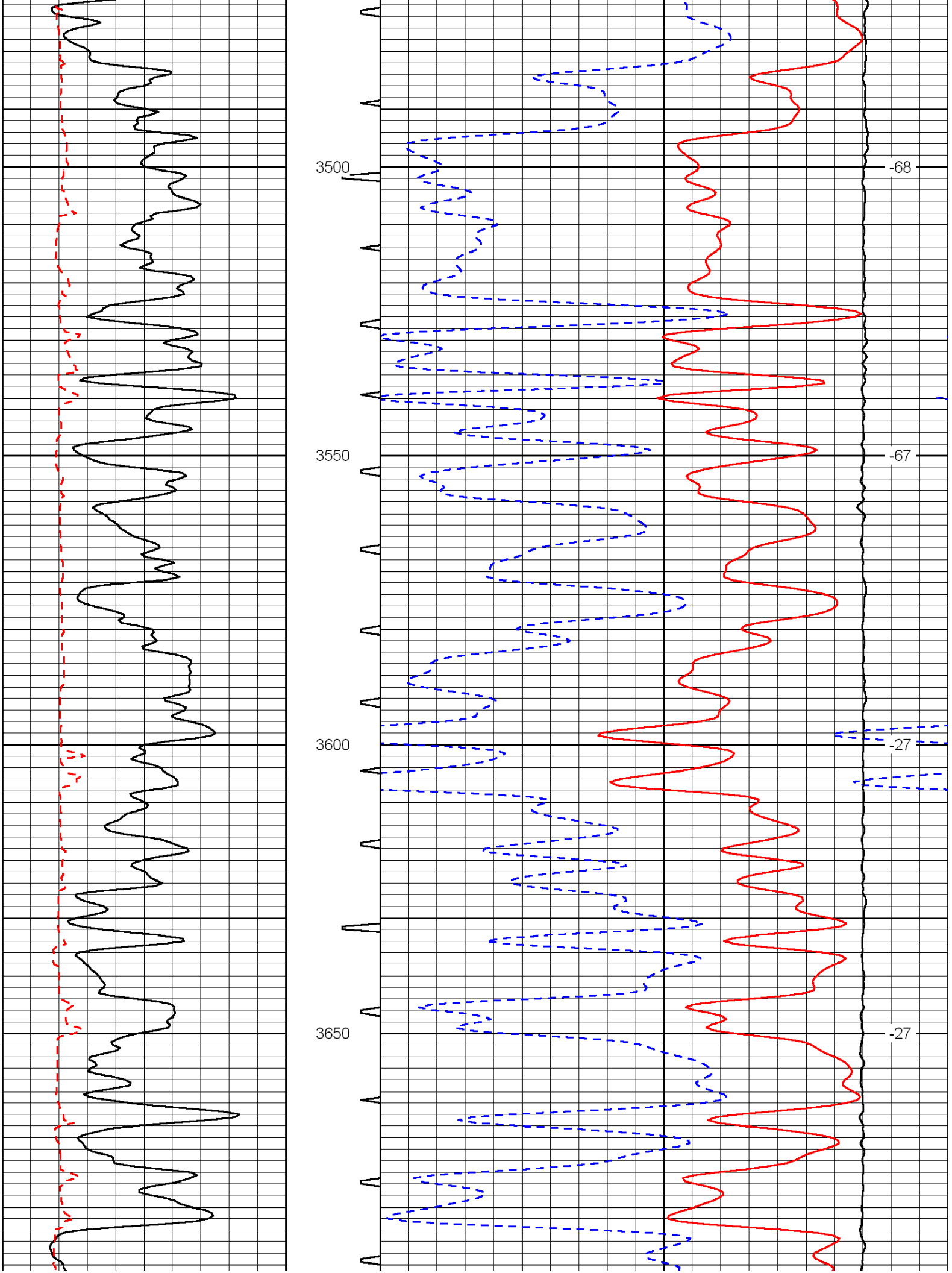

2400
-78
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-78
2500
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2550
-78

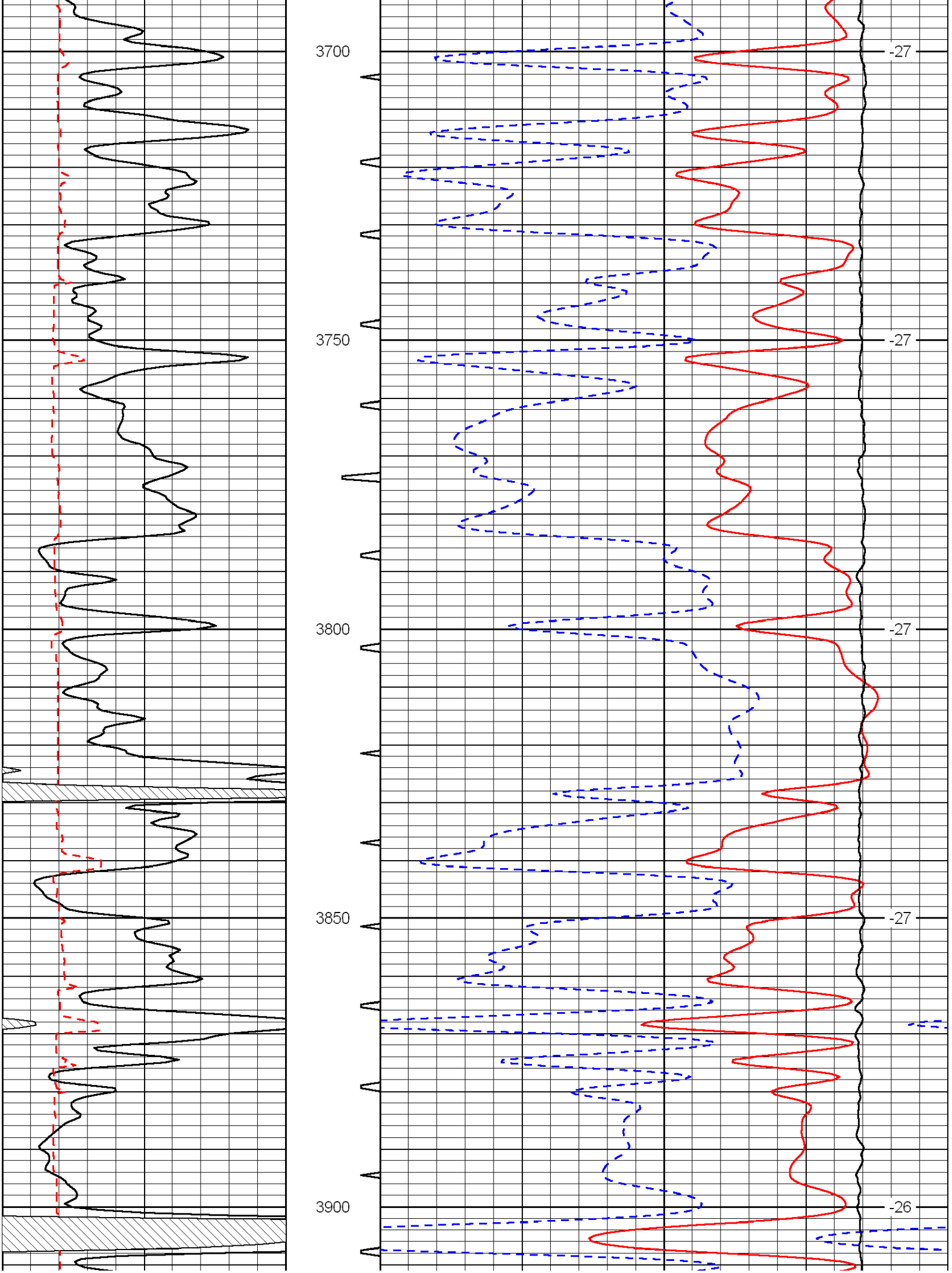

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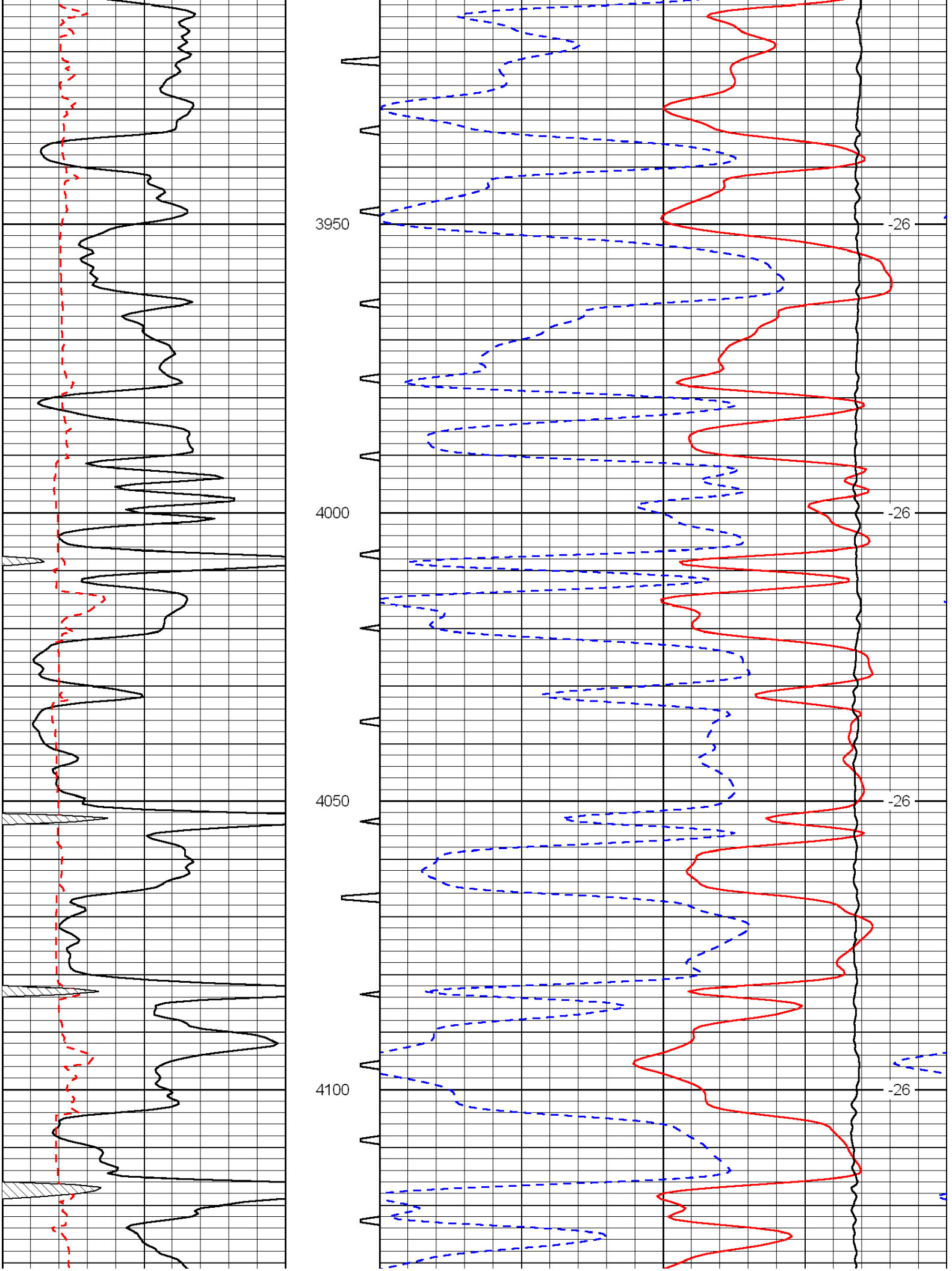

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-70
-70

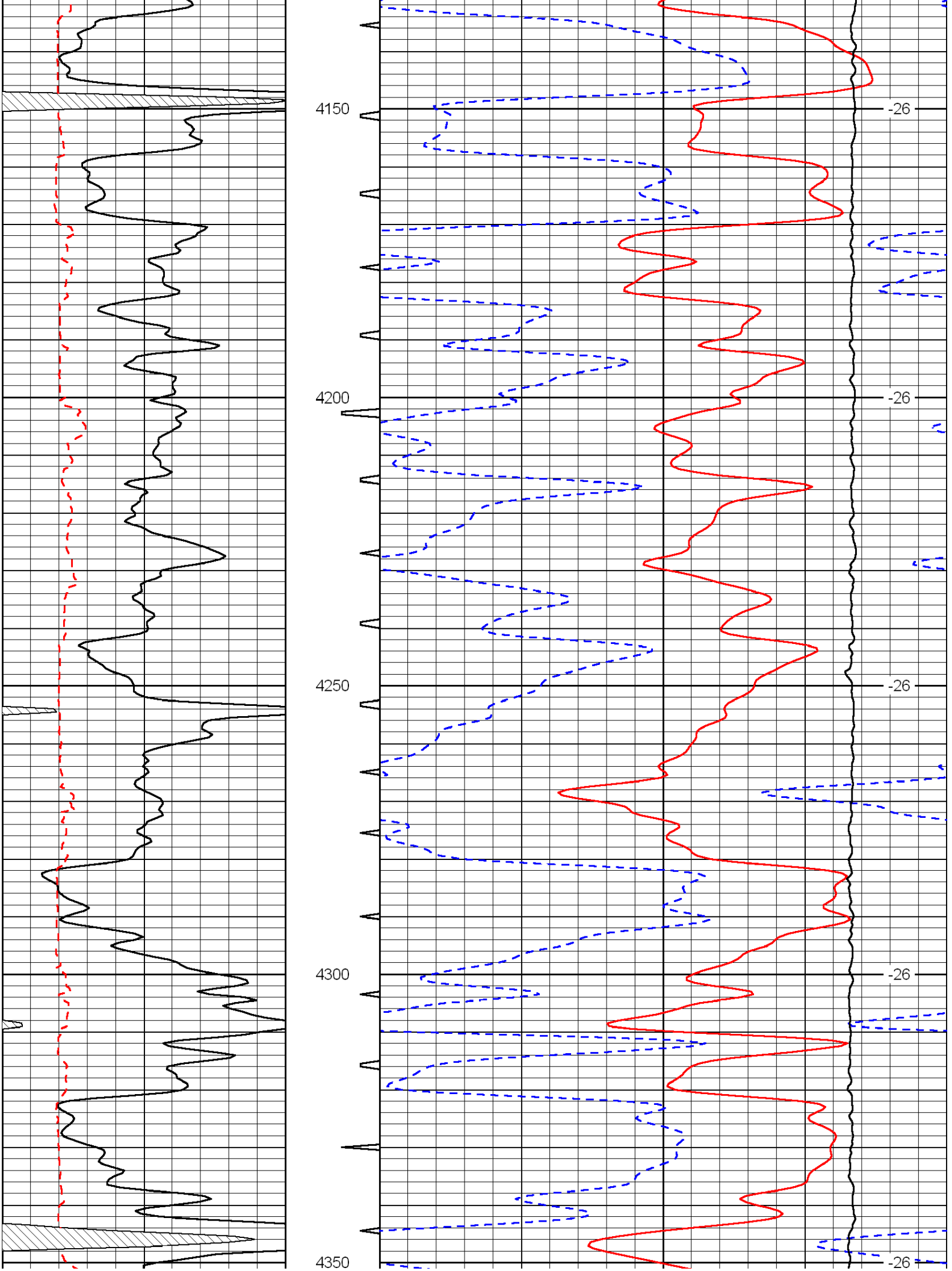

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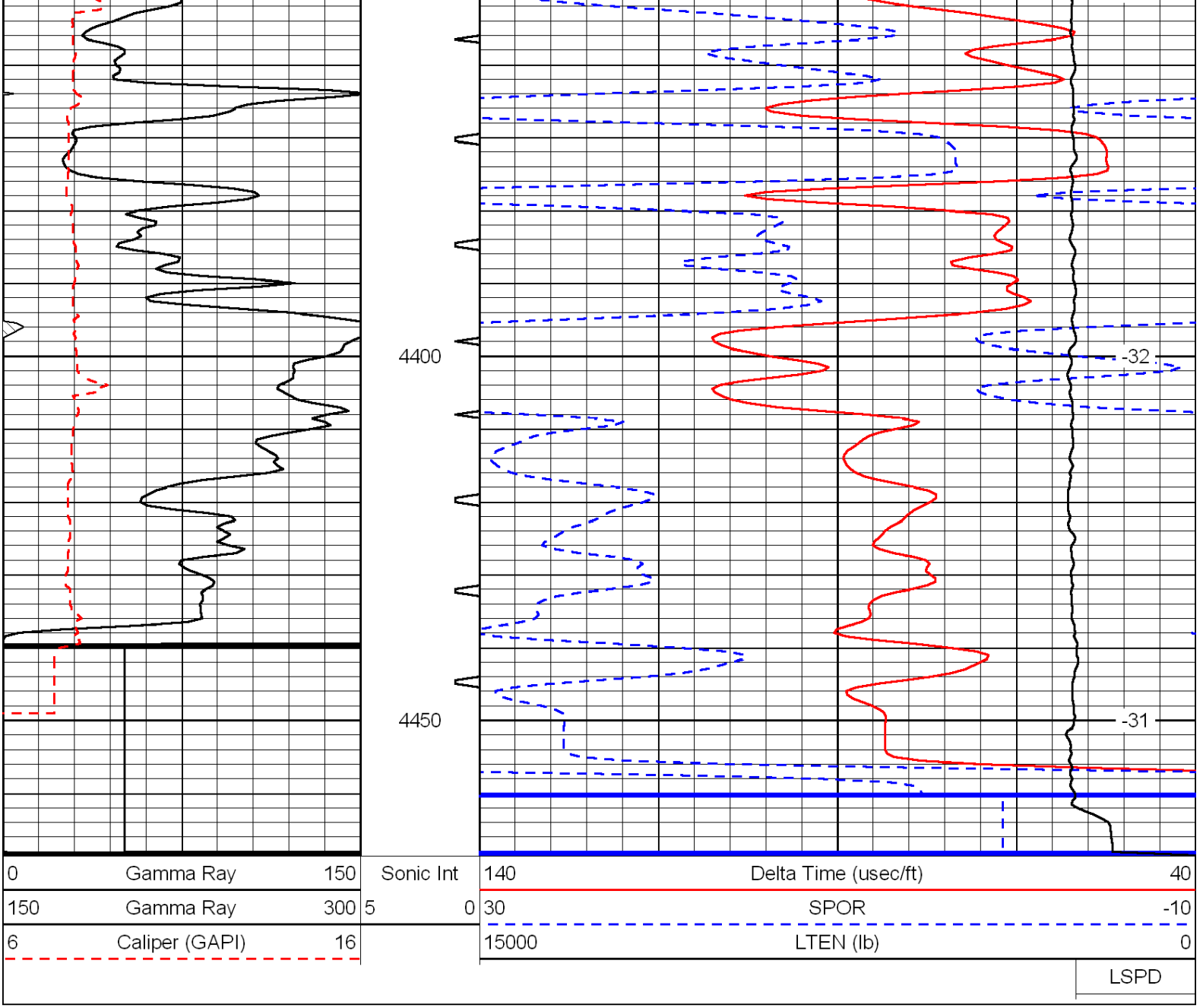

3300
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-68


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4150
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4200
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4300
-26
4350
-26



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