LOG-TECH

DIGITAL LOG (785) 625-3858

Borehole Compensated Sonic Log

API No. 15-141-20,424-00-00

Company Murfin Drilling Co., Inc.

Well Janet No. 1-9

Field Wildcat

County Osborne State Kansas

Location 2310' FSL & 800' FEL

Sec: 9 Twp: 10 S Rge: 14 W

Permanent Datum Ground Level Elevation 1987

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

Drilling Measured From Kelly Bushing

Other Services
CNL/CDL
MEL/DIL

Elevation
K.B. 1992
D.F.
G.L. 1987

Date	12/18/2010
Run Number	Two
Type Log	BHC Sonic
Depth Driller	3922
Depth Logger	3922
Bottom Logged Interval	3911
Top Logged Interval	200
Type Fluid In Hole	Chemical
Salinity, PPM CL	4,700
Density	9.3
Level	Full
Max. Rec. Temp. F	117
Operating Rig Time	5 Hours
Equipment -- Location	4 Hays
Recorded By	K. Bange
Witnessed By	Rocky Milford

Borehole Record

Run No.	Bit	From	To
1	12.25	00	222
2	7.875	222	3922

Casing Record

Size	Wgt.	From	To
8.625	24#	00	222

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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

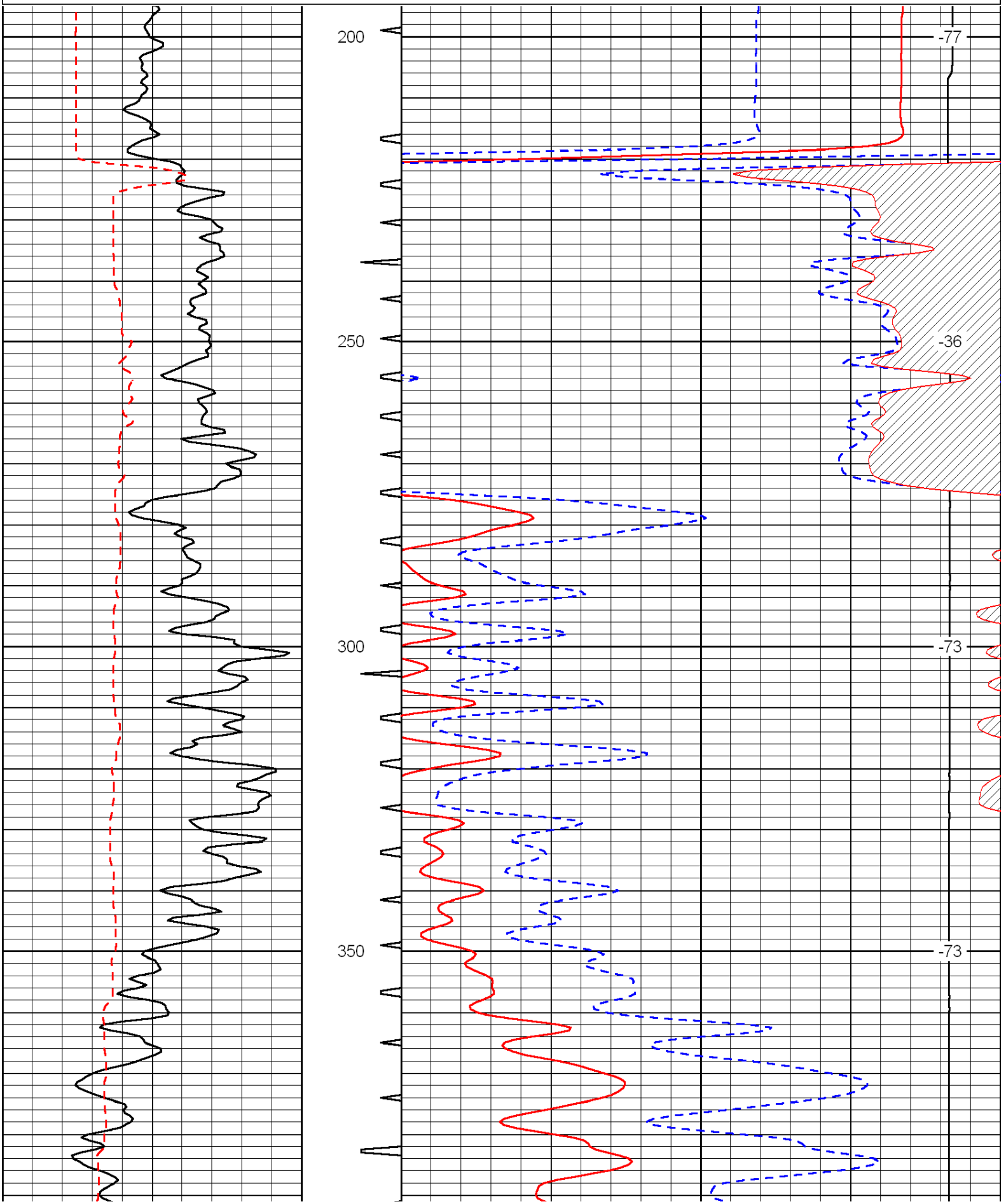
Thank you for using Log-Tech, Inc.
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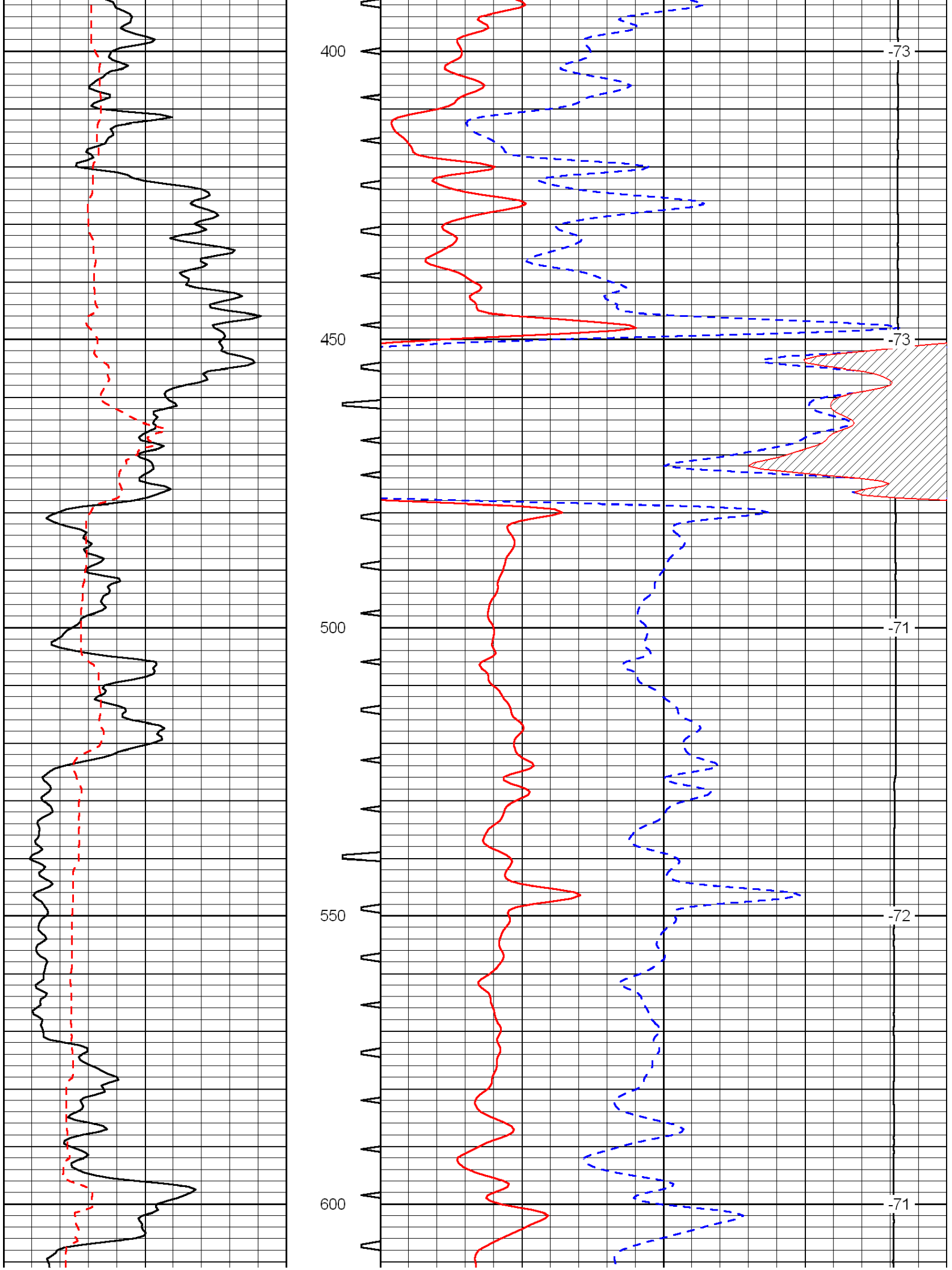
Paradise, 1/2 E, 6 N, 1 E, 1/2 S, W into

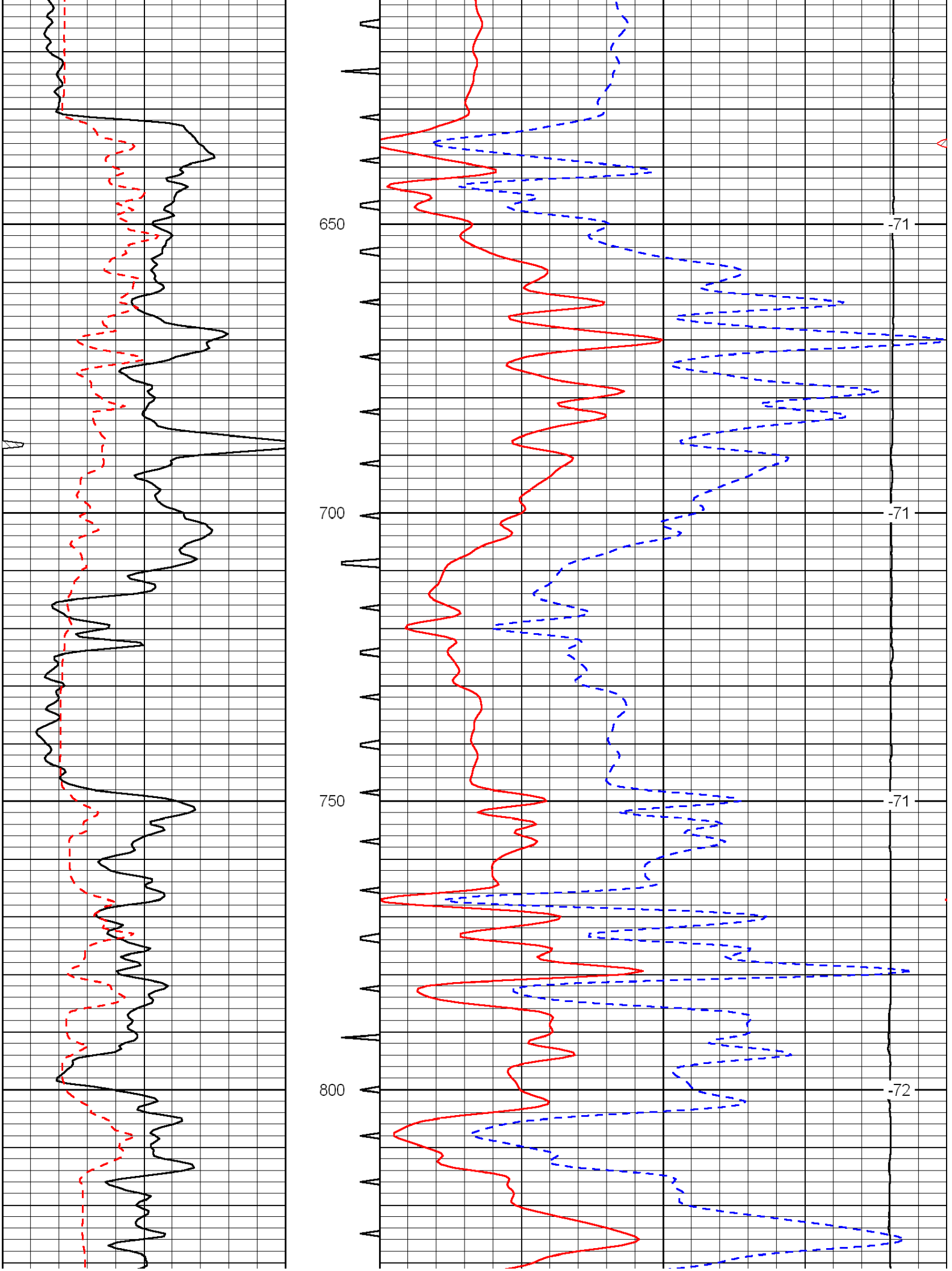
Database File:	c:\warrior\data\murfin_janet no. 1-9\murfhd.db
Dataset Pathname:	dil/murfstack
Presentation Format:	sonic
Dataset Creation:	Sat Dec 18 20:03:23 2010
Charted by:	Depth in Feet scaled 1:240

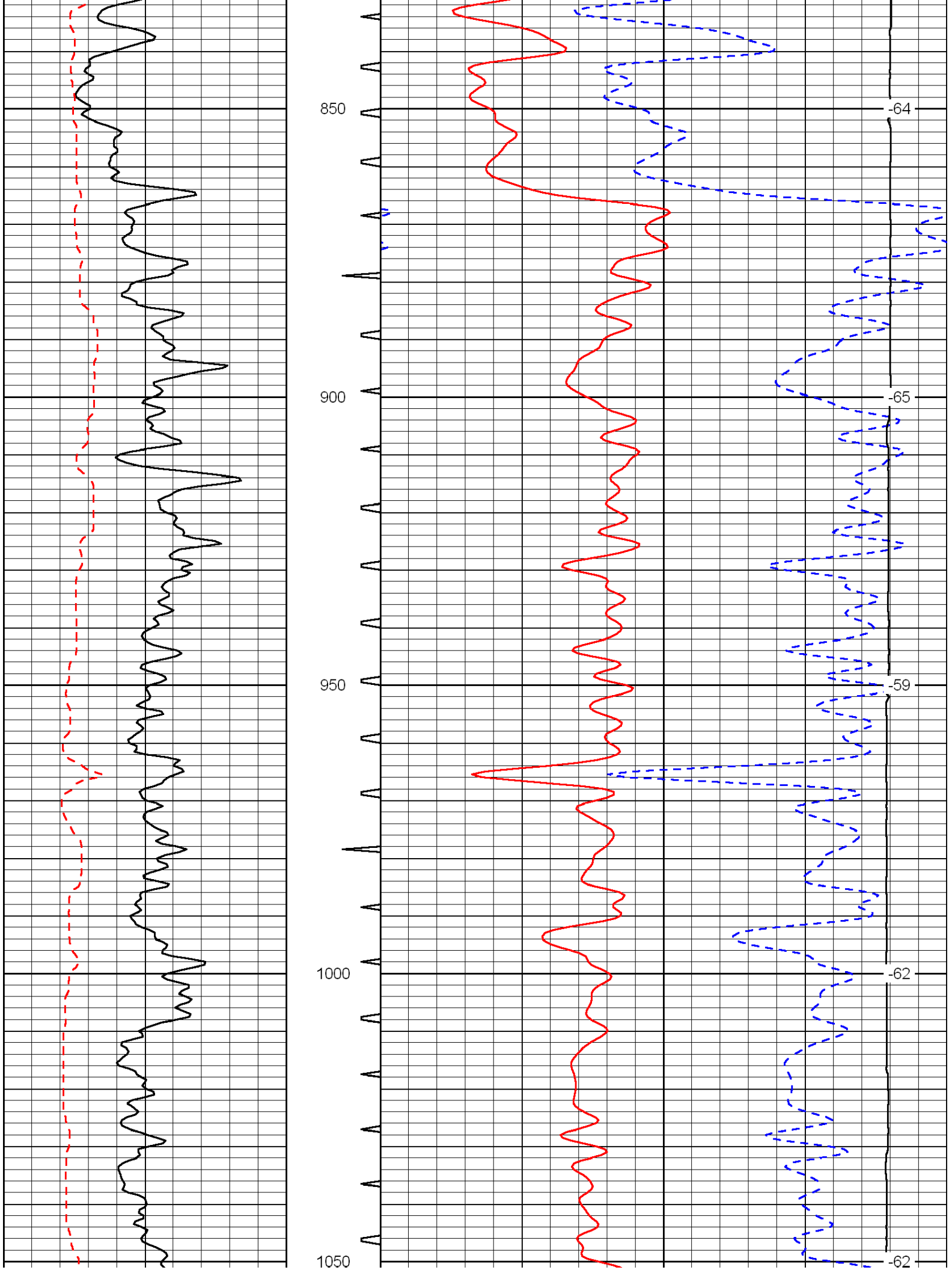
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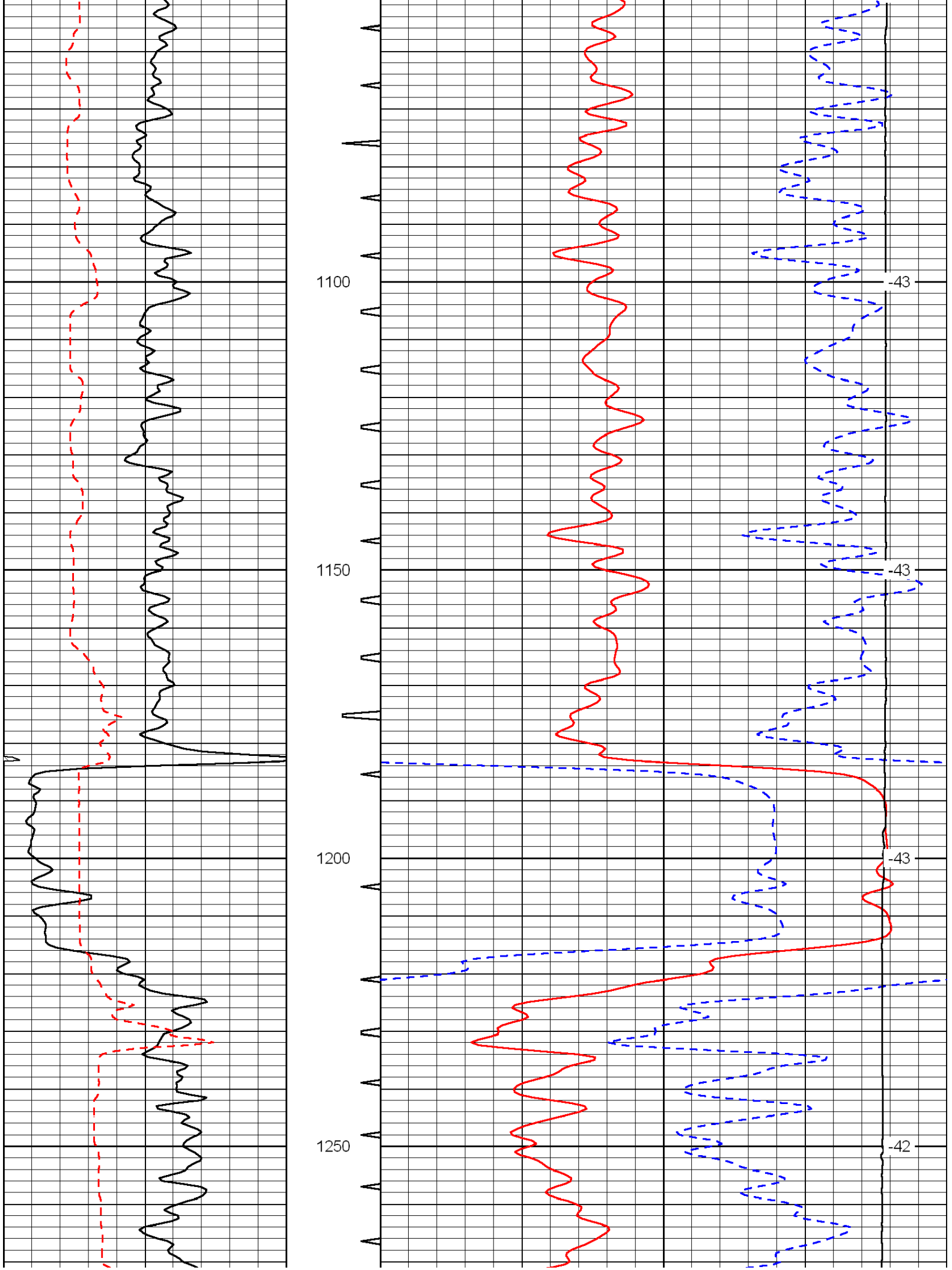
0	Gamma Ray	150	Sonic Int	140	Delta Time (usec/ft)	40	
150	Gamma Ray	300	5 0	30	SPOR	-10	
6	Caliper (GAPI)	16		15000	LTEN (lb)	0	
							LSPD

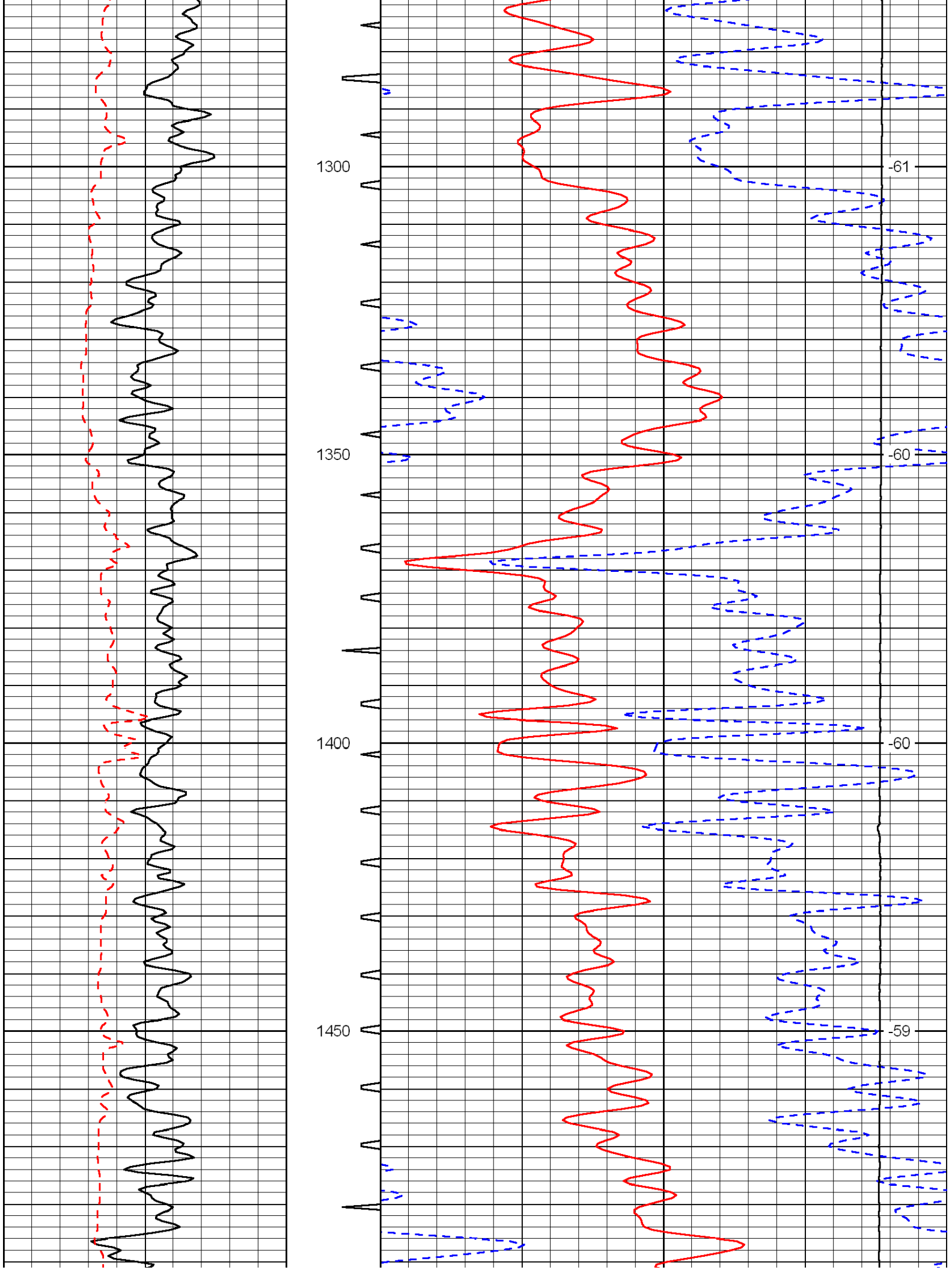


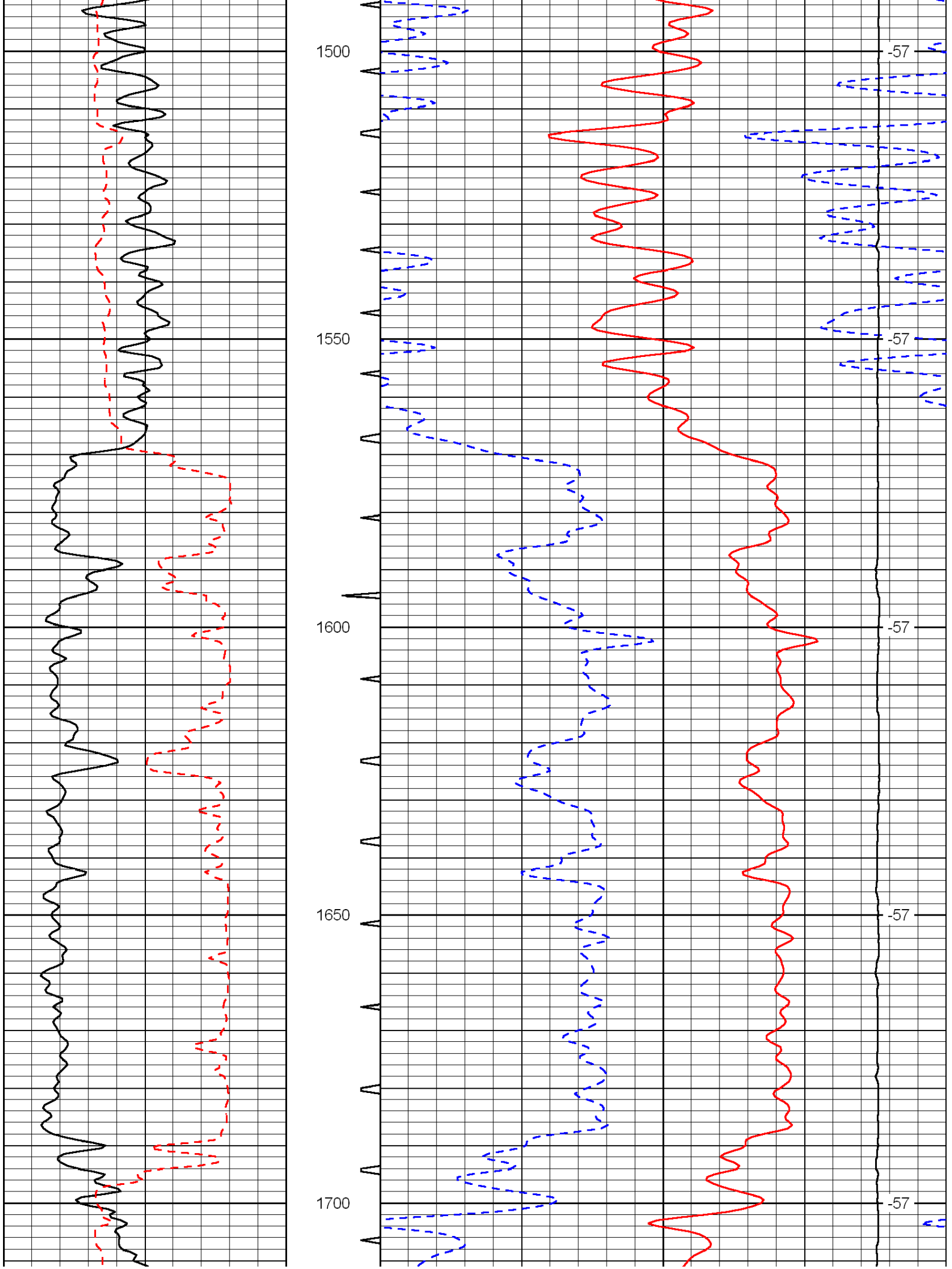

400
450
500
550
600
-73
-73
-71
-72
-71

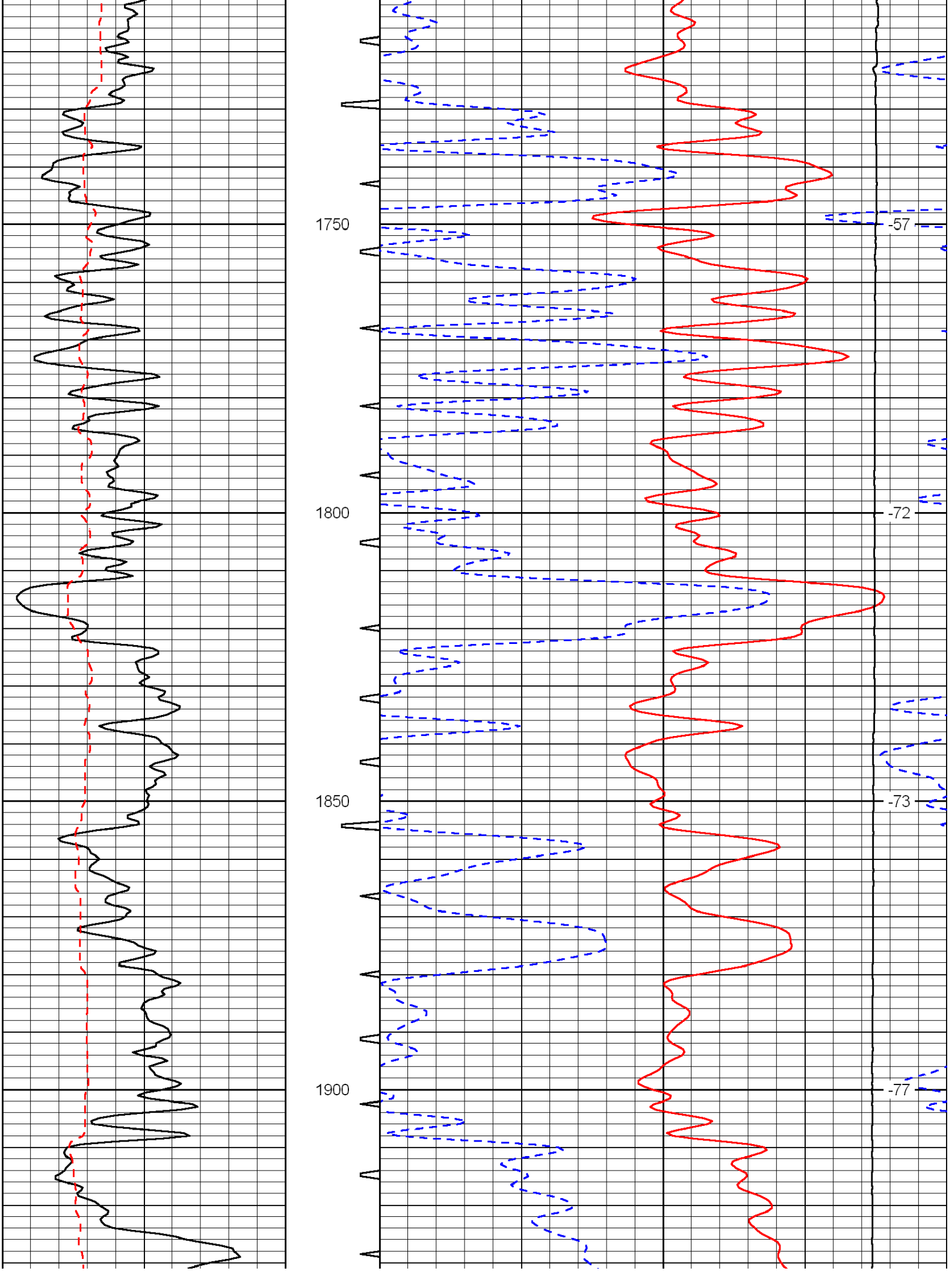

650
700
750
800
-71
-71
-71
-72

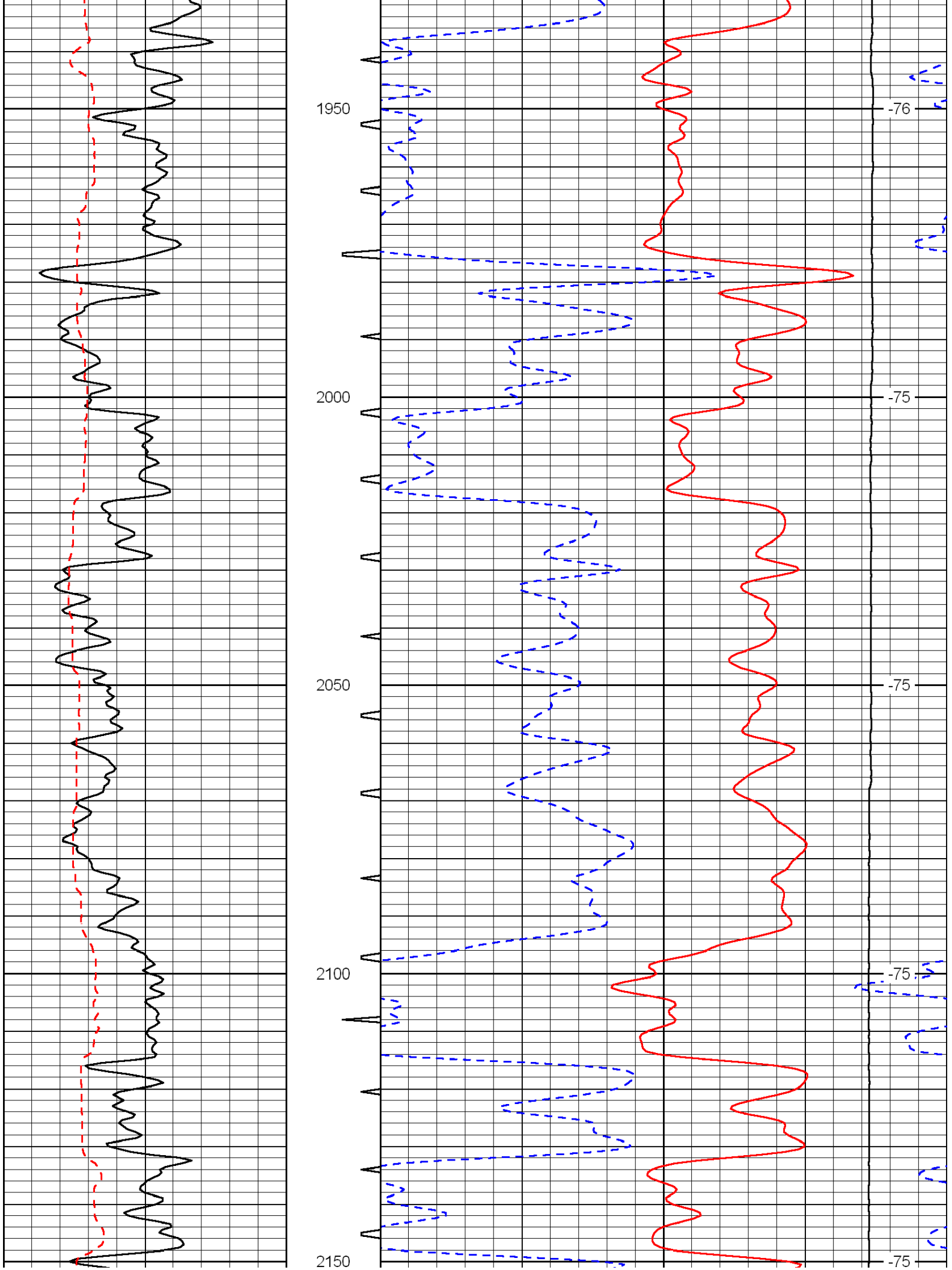

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900
950
1000
1050
-64
-65
-59
-62
-62

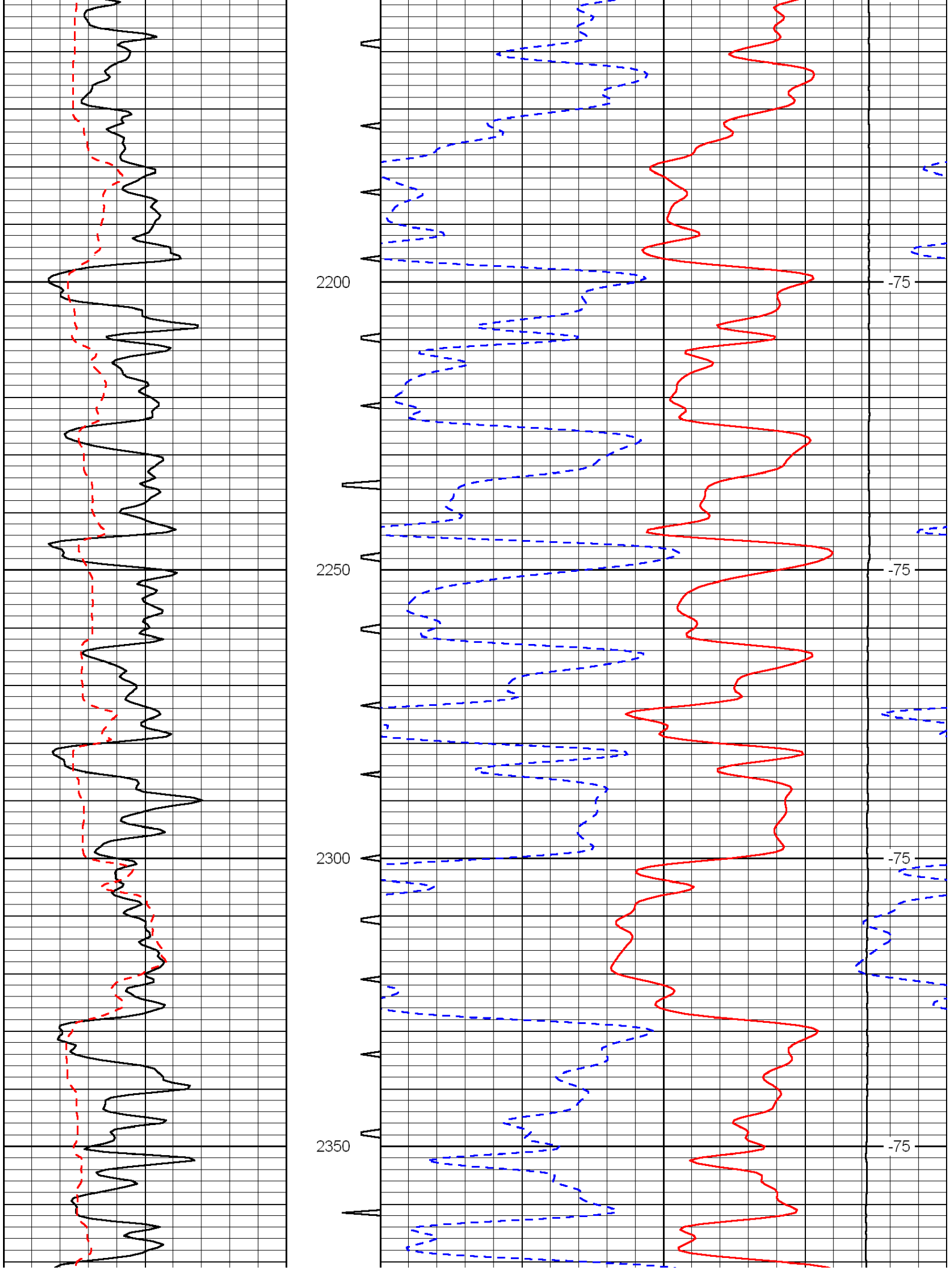

1100
1150
1200
1250
-43
-43
-43
-42

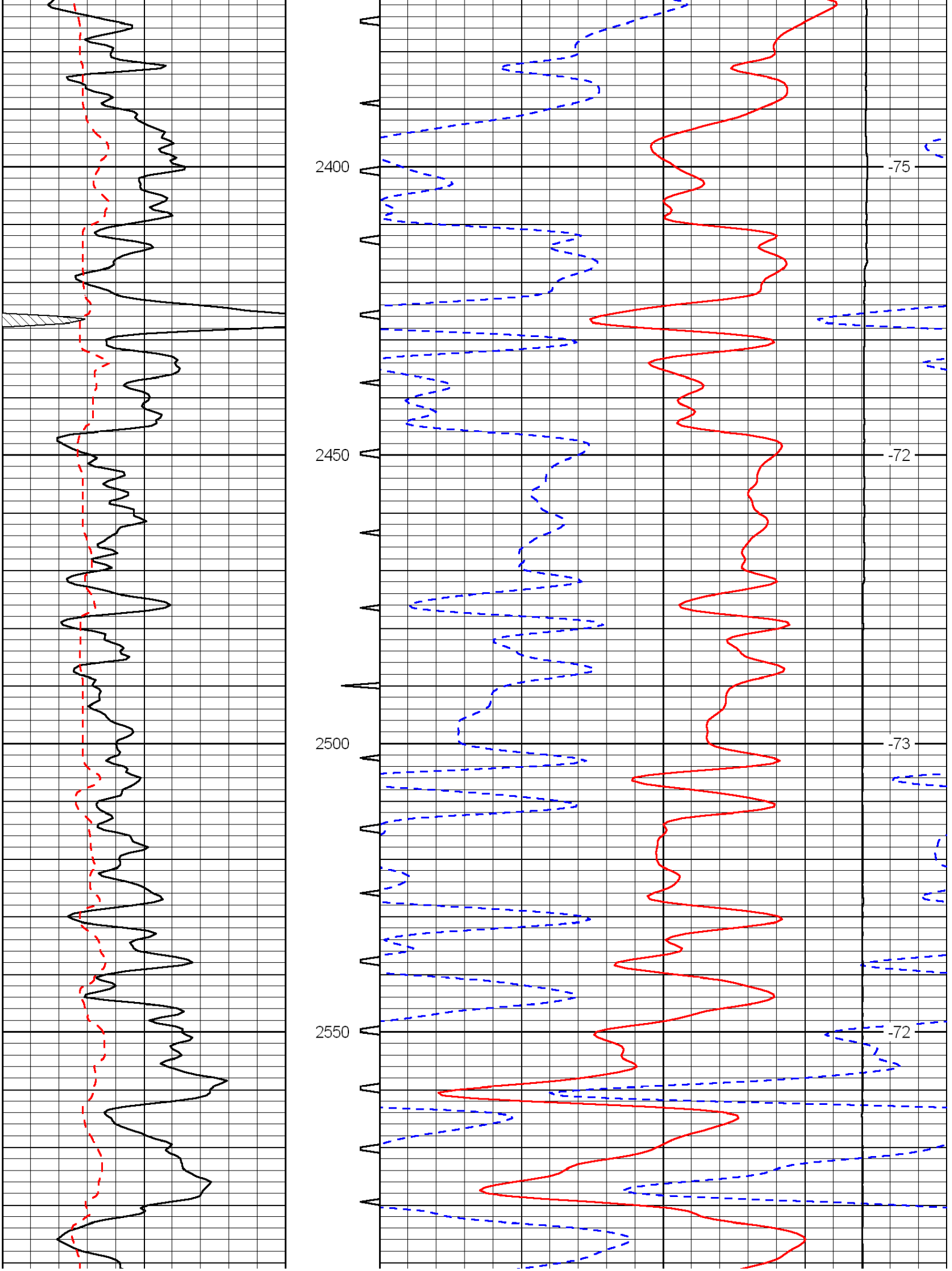

1300
1350
1400
1450
-61
-60
-60
-59

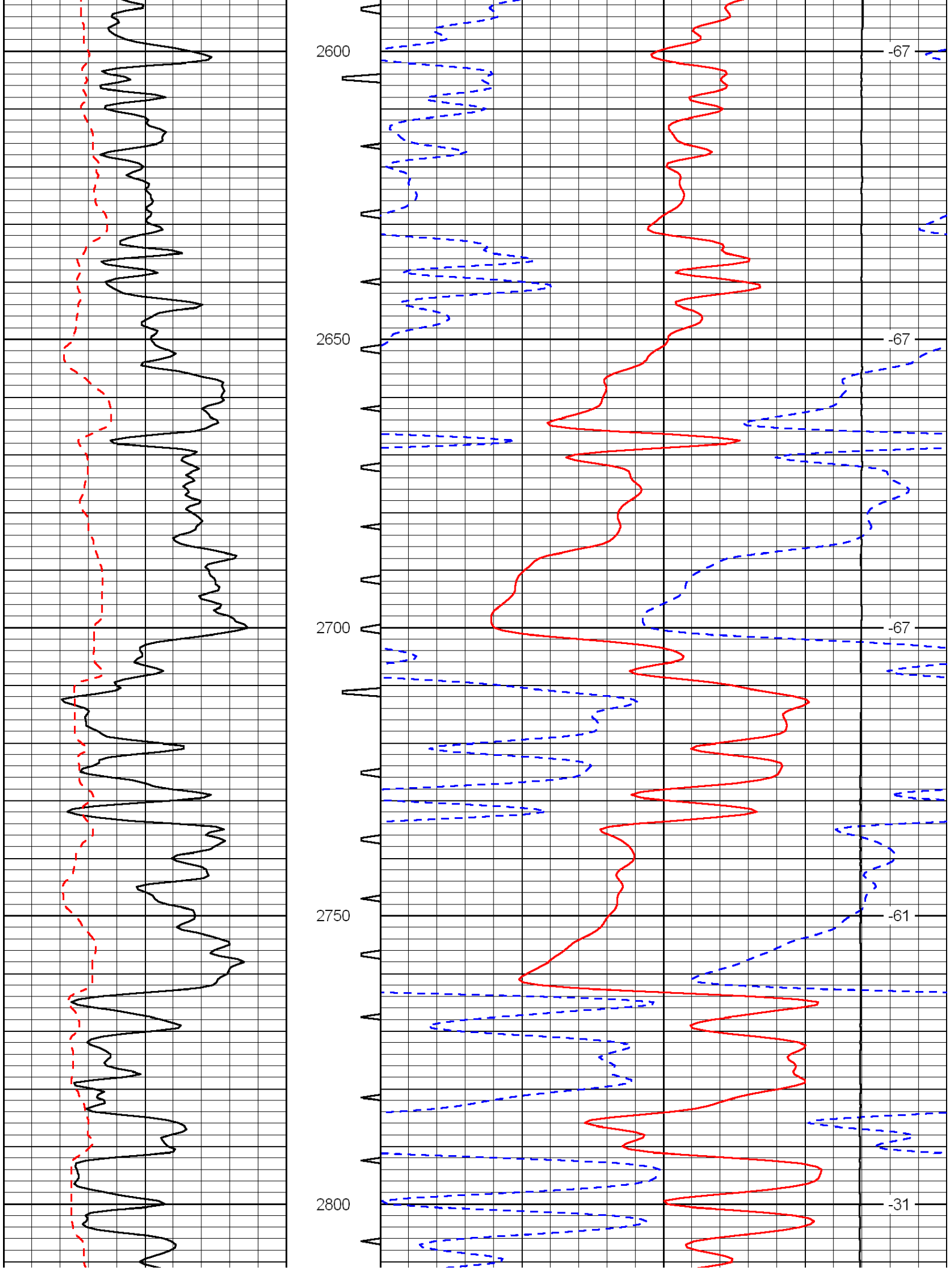

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1550
1600
1650
1700
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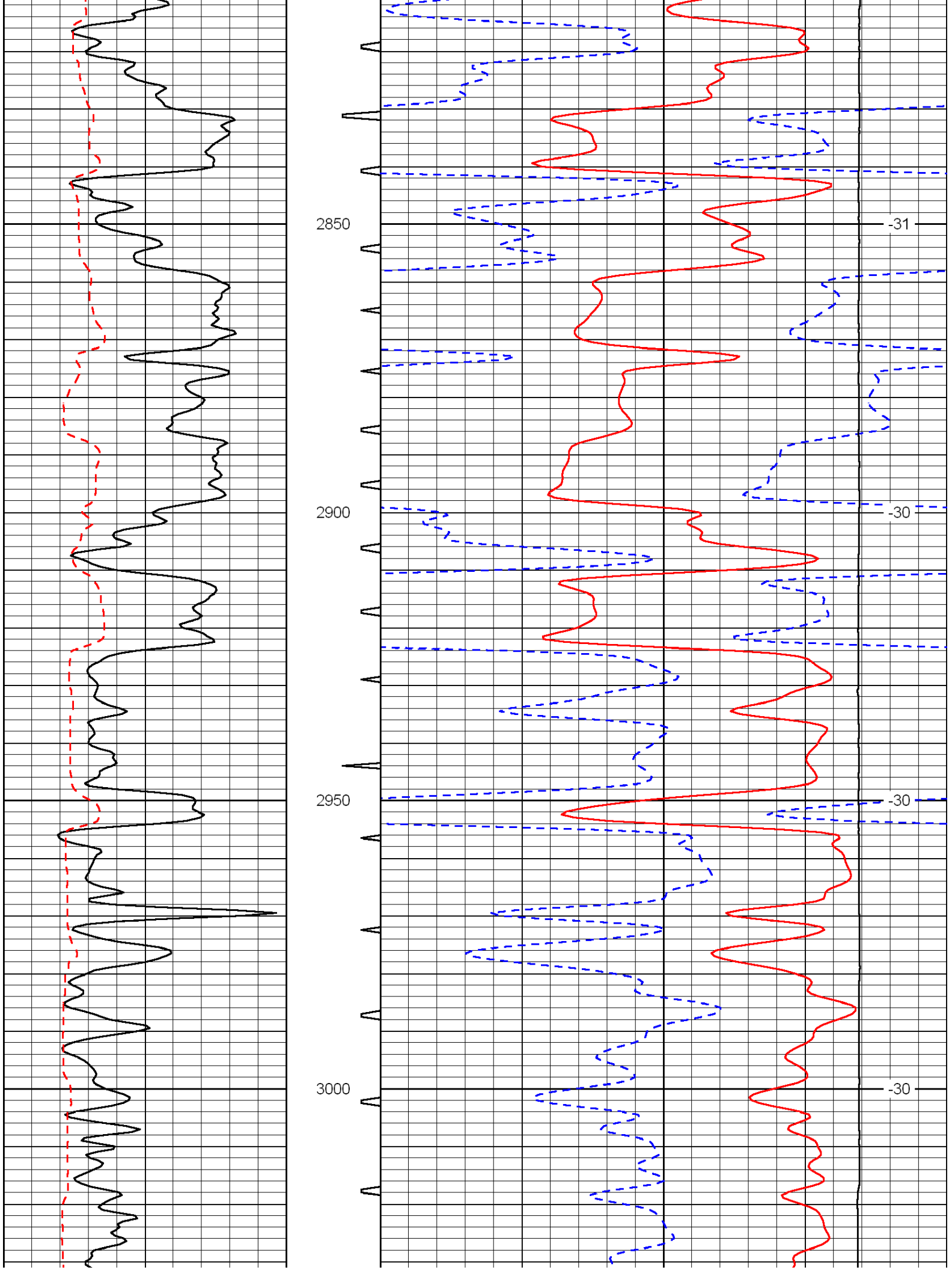

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1900
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-77

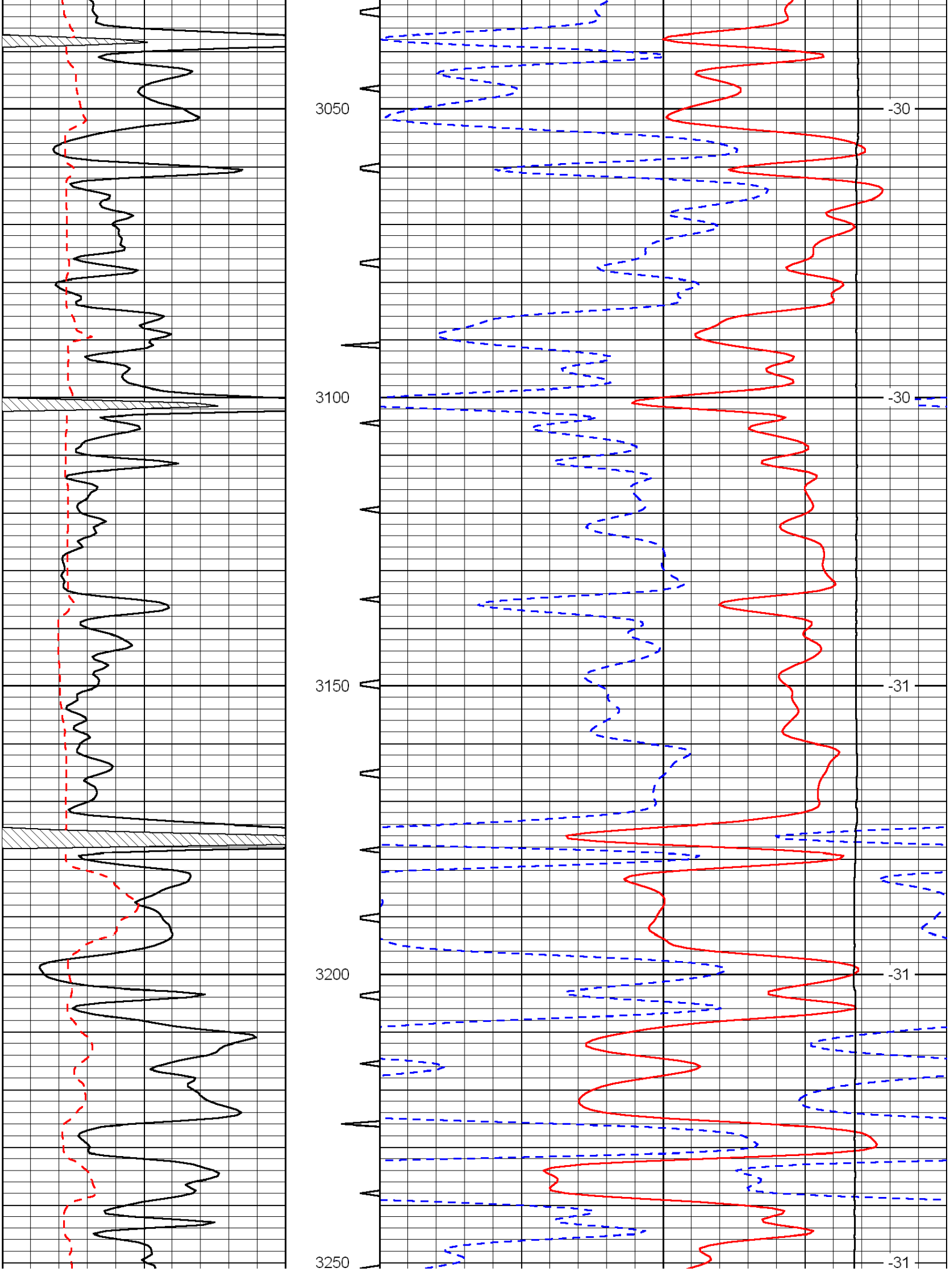

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2000
2050
2100
2150
-76
-75
-75
-75
-75

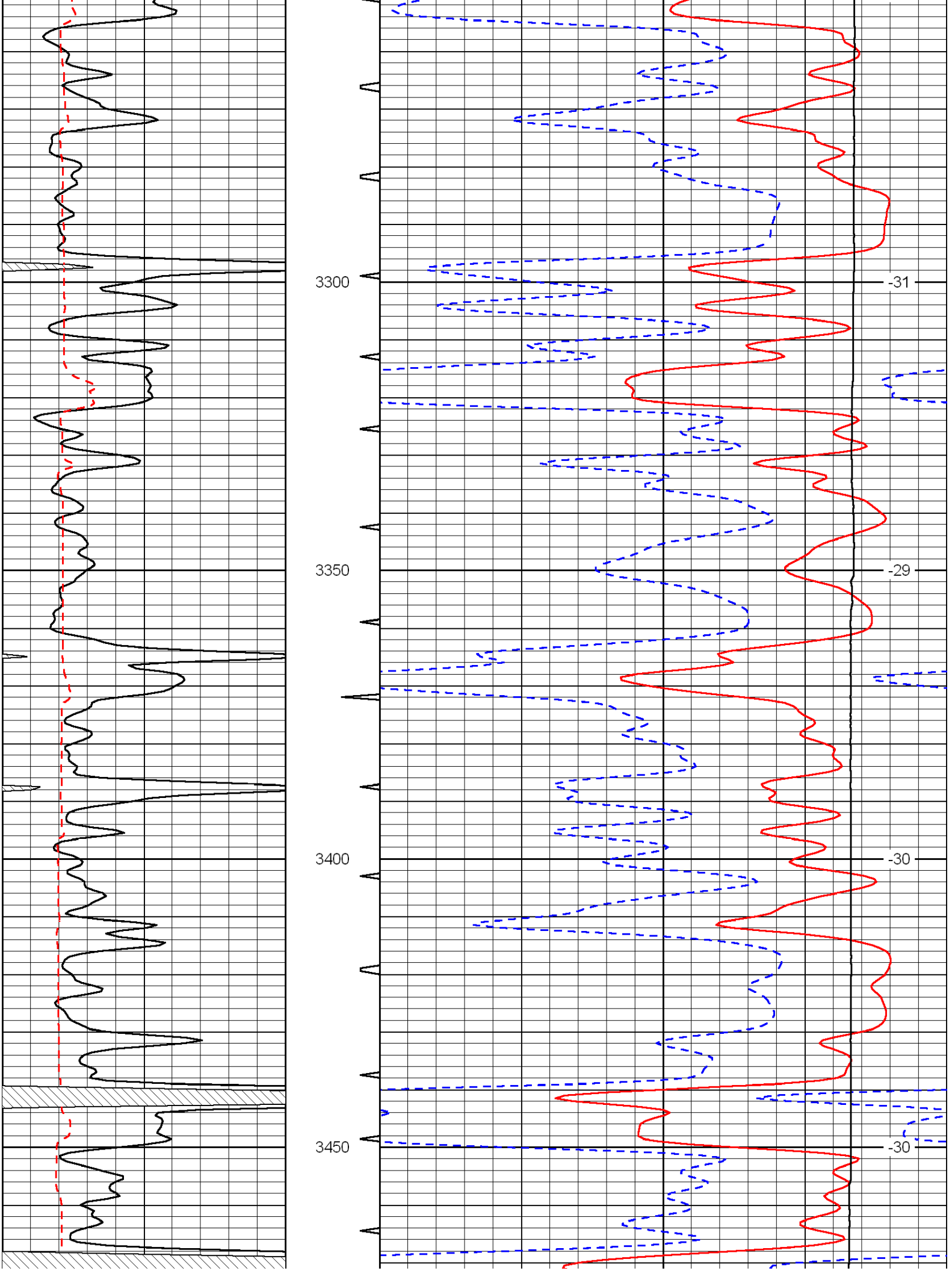

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2250
2300
2350
-75
-75
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-75

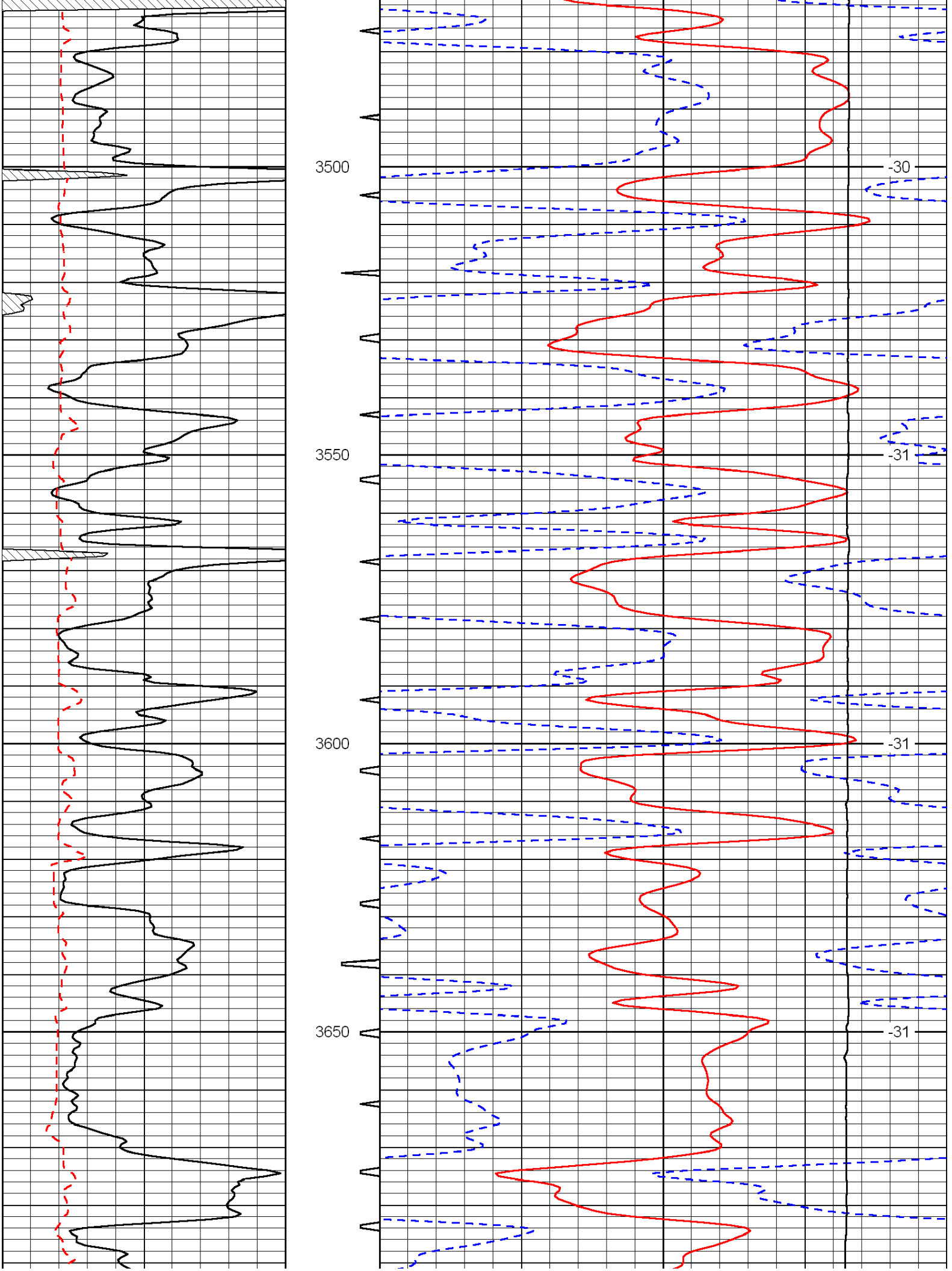

2400
2450
2500
2550
-75
-72
-73
-72

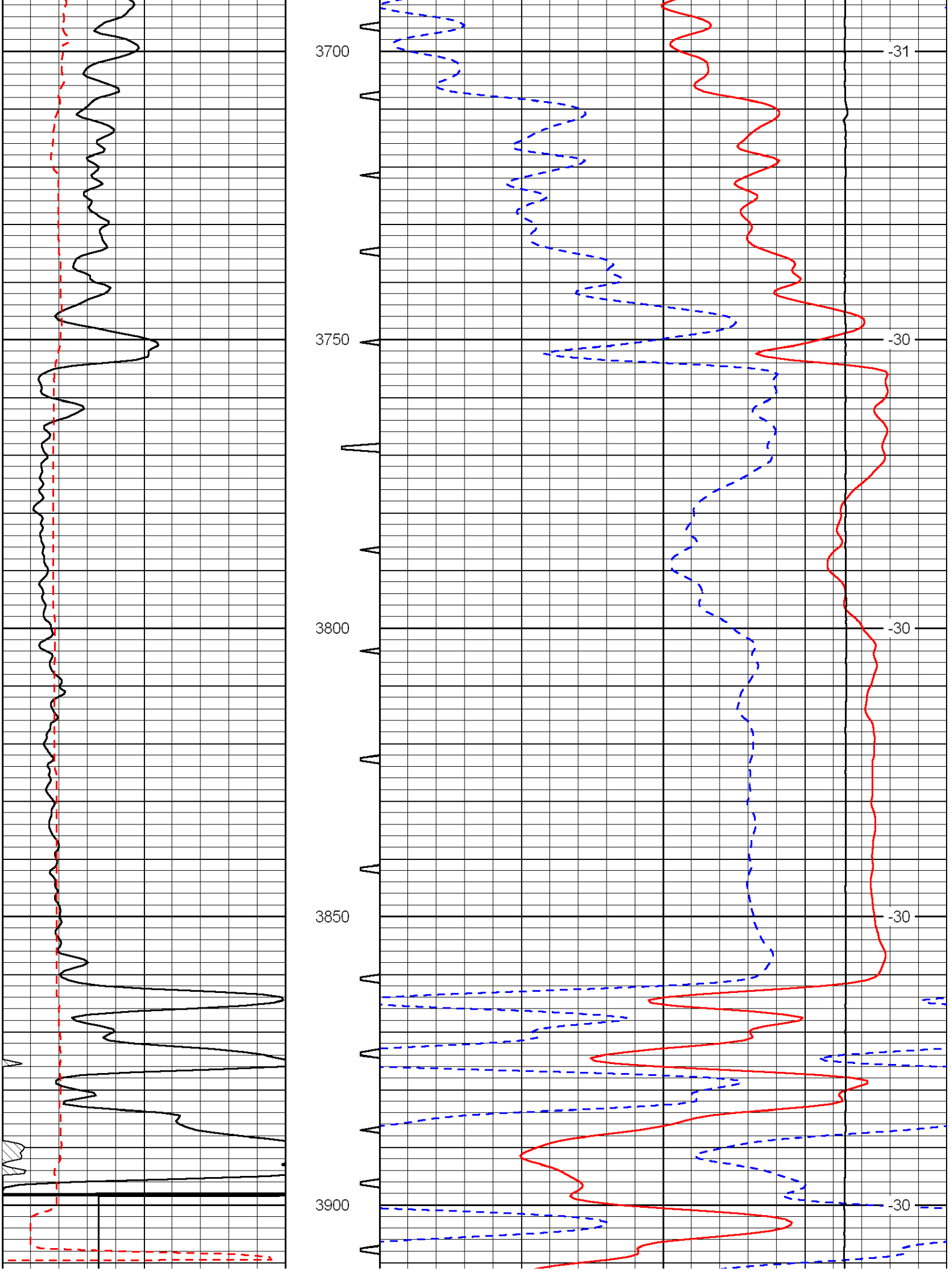

2600
2650
2700
2750
2800
-67
-67
-67
-61
-31

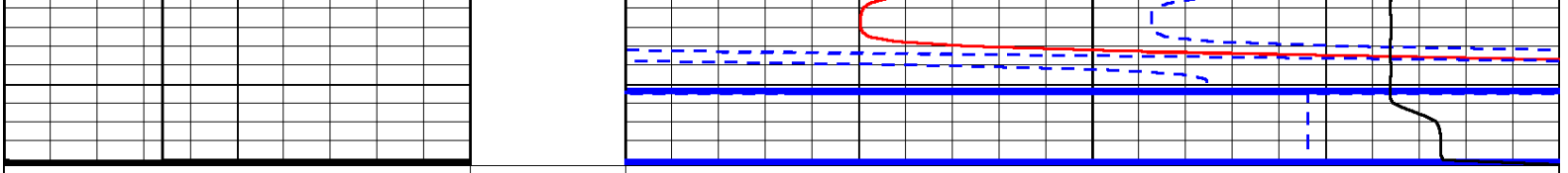

2850
2900
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3000
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3150
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-30
-30
-30



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