LOG-TECH

DIGITAL LOG (785) 625-3858

Borehole Compensated Sonic Log

API No. 15-141-20,426-00-00

Company Murfin Drilling Company, Inc.

Well Chris #1-17

Field Wildcat

County Osborne State Kansas

Location SE NW NW NE
380' FNL & 2210' FEL

Sec: 17 Twp: 10 S Rge: 14 W

Permanent Datum Ground Level Elevation 1842
Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Other Services
CNL/CDL
MEL/DIL

Elevation
K.B. 1847
D.F.
G.L. 1842

Date	1/2/2011
Run Number	Two
Type Log	BHC Sonic
Depth Driller	3620
Depth Logger	3619
Bottom Logged Interval	3608
Top Logged Interval	200
Type Fluid In Hole	Chemical
Salinity, PPM CL	5,200
Density	9.2
Level	Full
Max. Rec. Temp. F	112
Operating Rig Time	4 Hours
Equipment -- Location	15 Hays
Recorded By	T. Martin
Witnessed By	Brad Rine

Borehole Record

Run No.	Bit	From	To
1	12.25	00	211
2	7.875	211	3620

Casing Record

Size	Wgt.	From	To
8.625	24#	00	211

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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

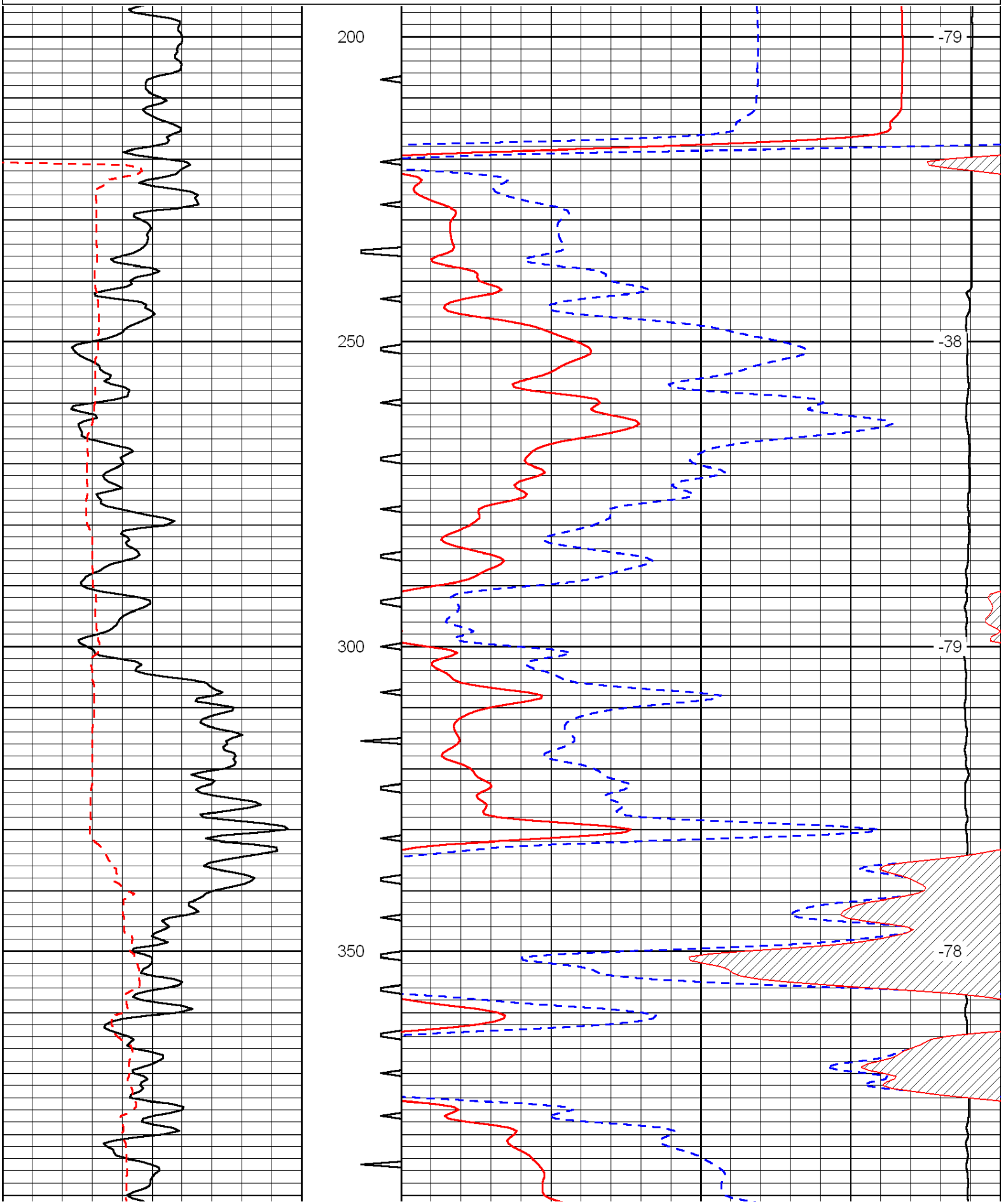
Thank you for using Log-Tech, Inc.
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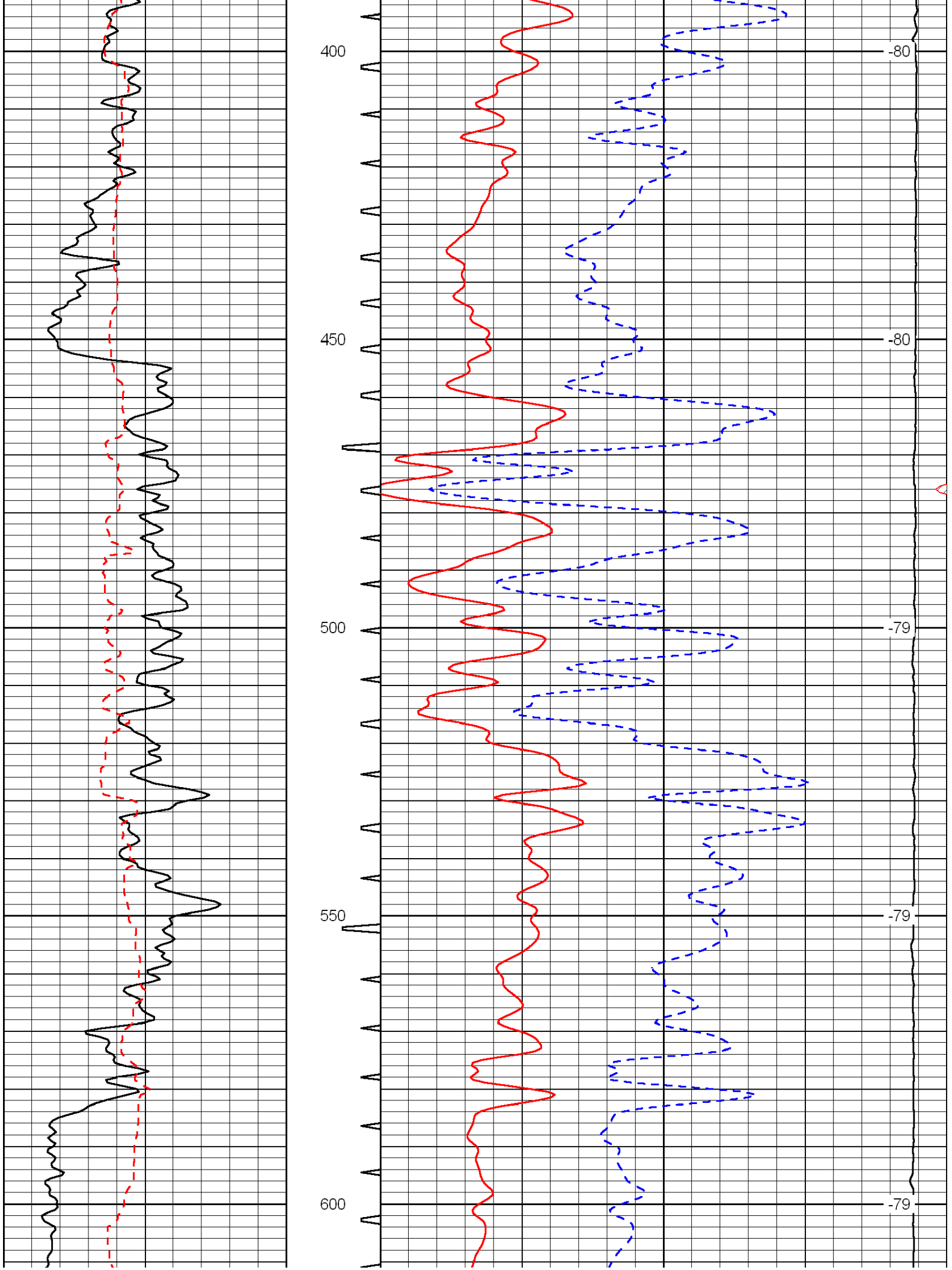
Russell, N on 281 to Hwy 18, 3 W to 182nd St
1 N, 1/2 W, 4 N, E into

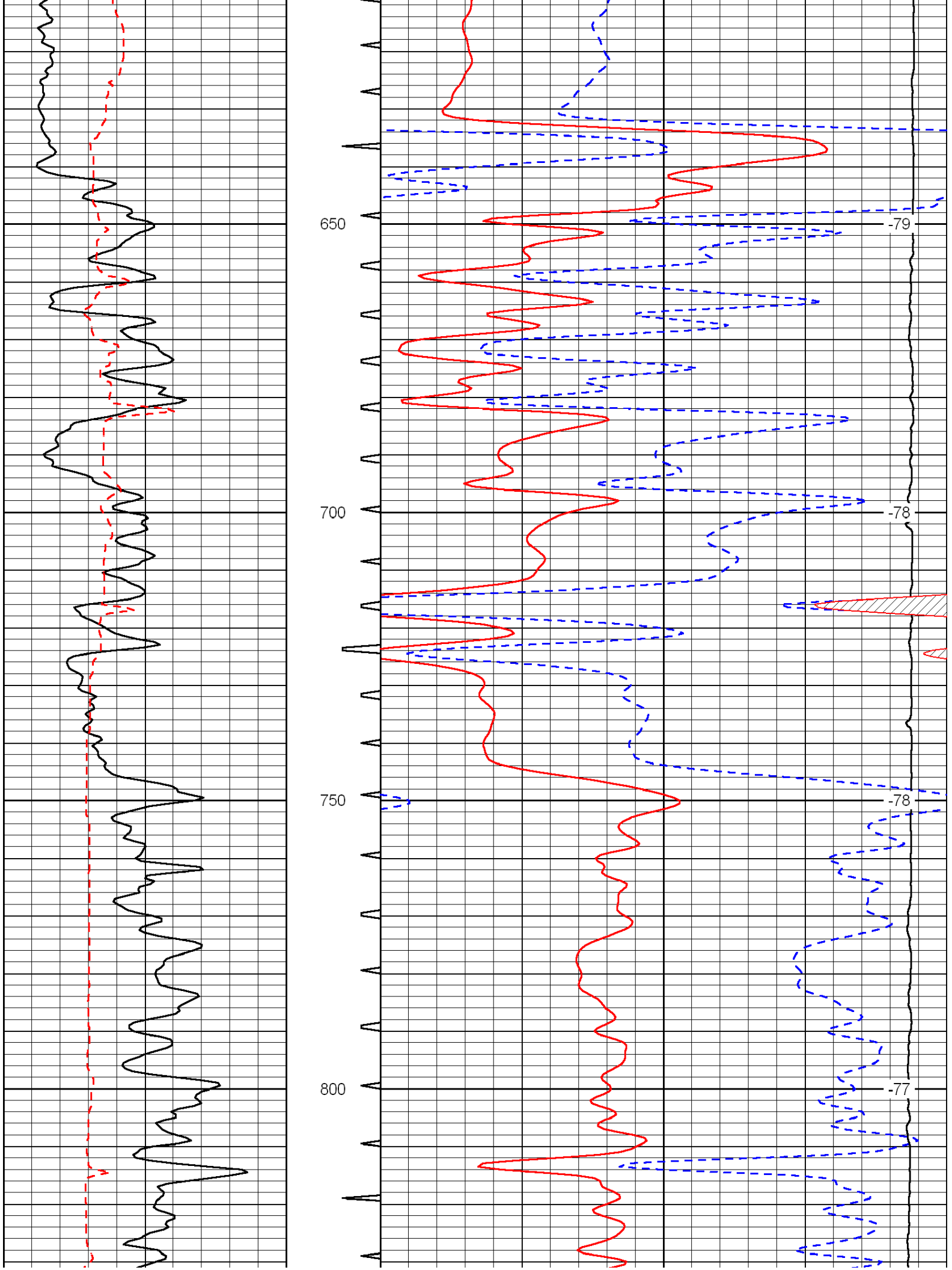
Database File:	c:\warrior\data\murfin_chris #1-17\mfnhd.db
Dataset Pathname:	dil/mfnstk
Presentation Format:	sonic
Dataset Creation:	Mon Jan 03 02:02:35 2011
Charted by:	Depth in Feet scaled 1:240

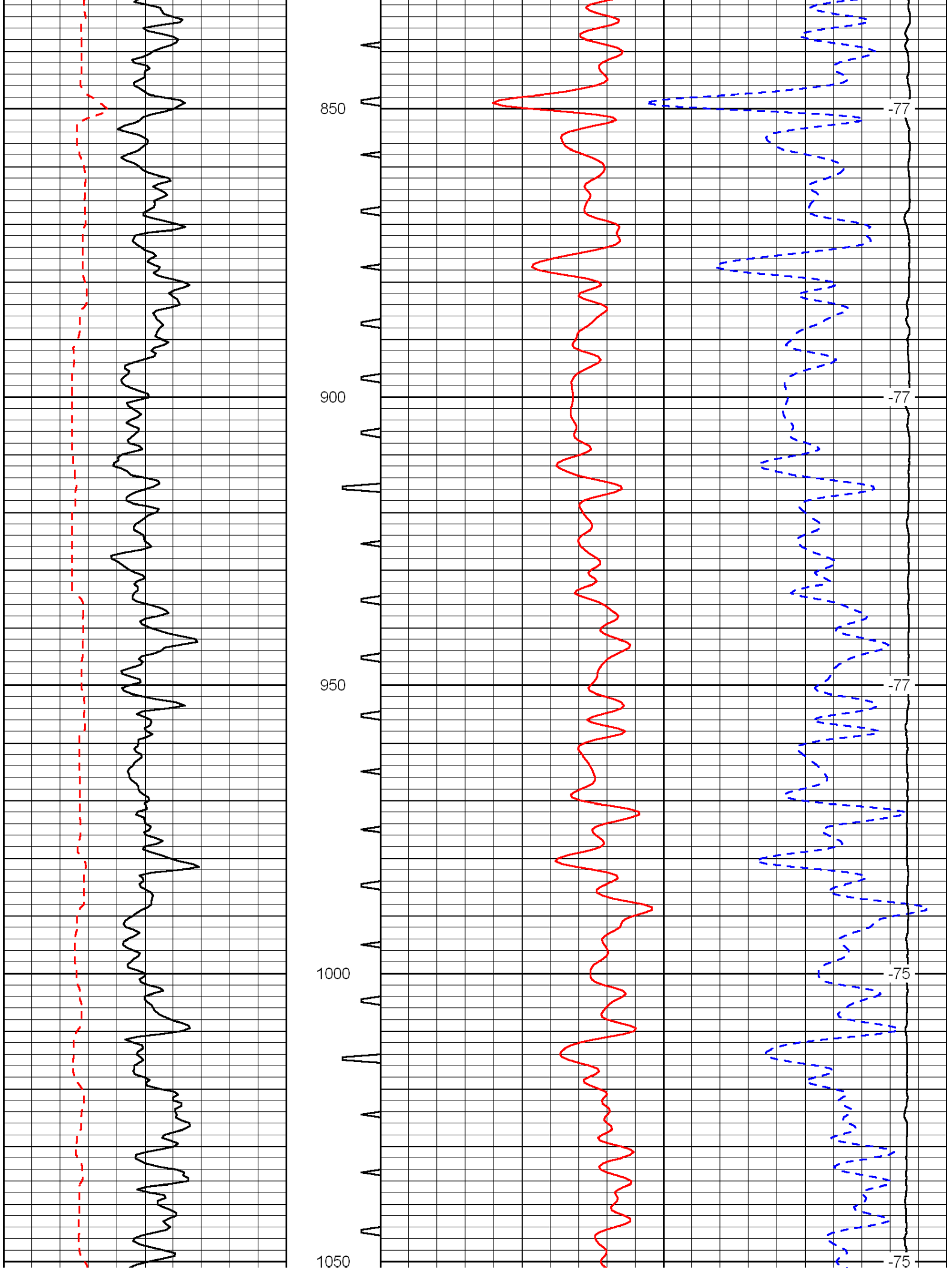
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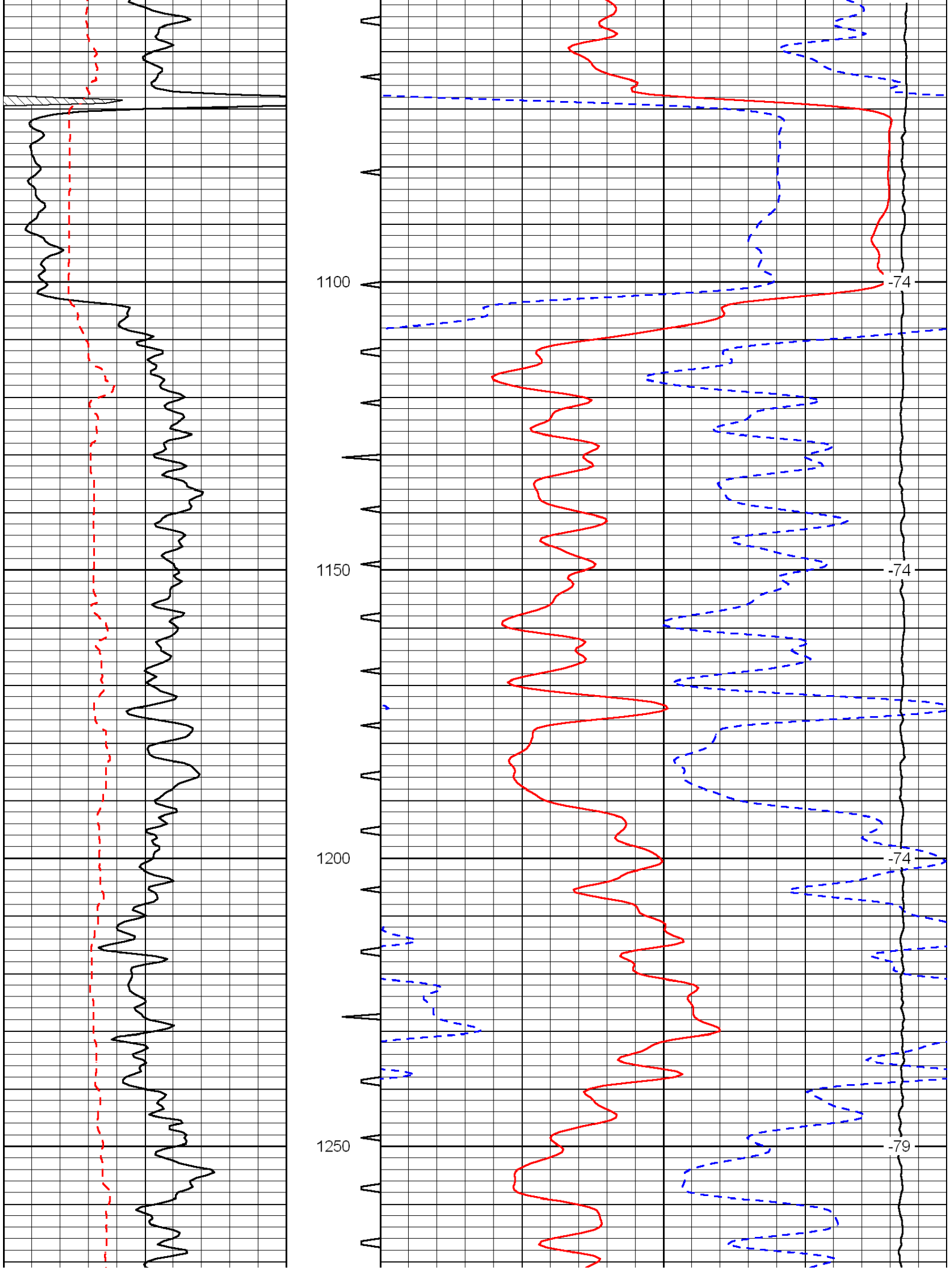
0	Gamma Ray	150	Sonic Int	140	Delta Time (usec/ft)	40	
150	Gamma Ray	300	5 0	30	SPOR	-10	
6	Caliper (GAPI)	16		15000	LTEN (lb)	0	
							LSPD

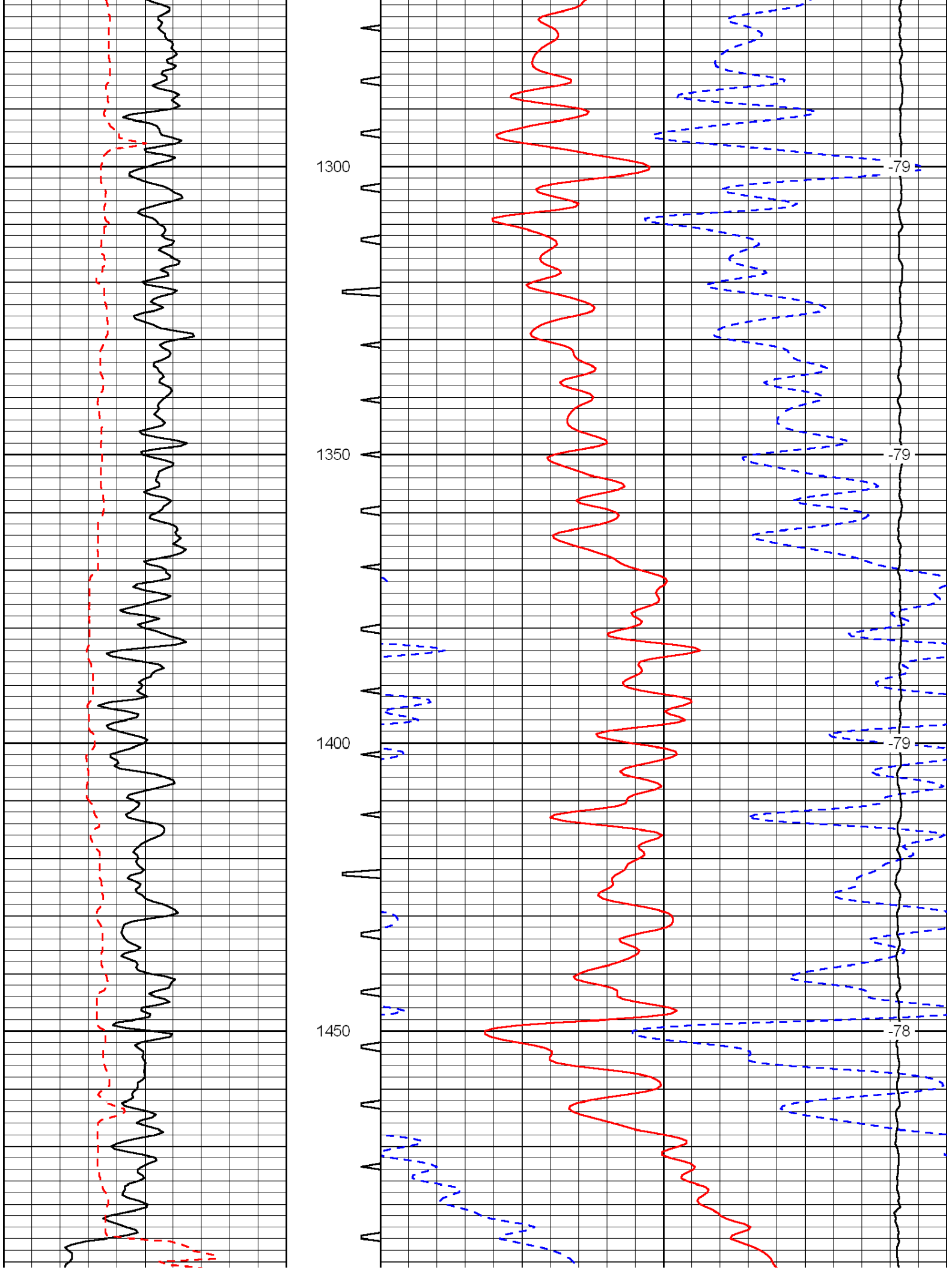


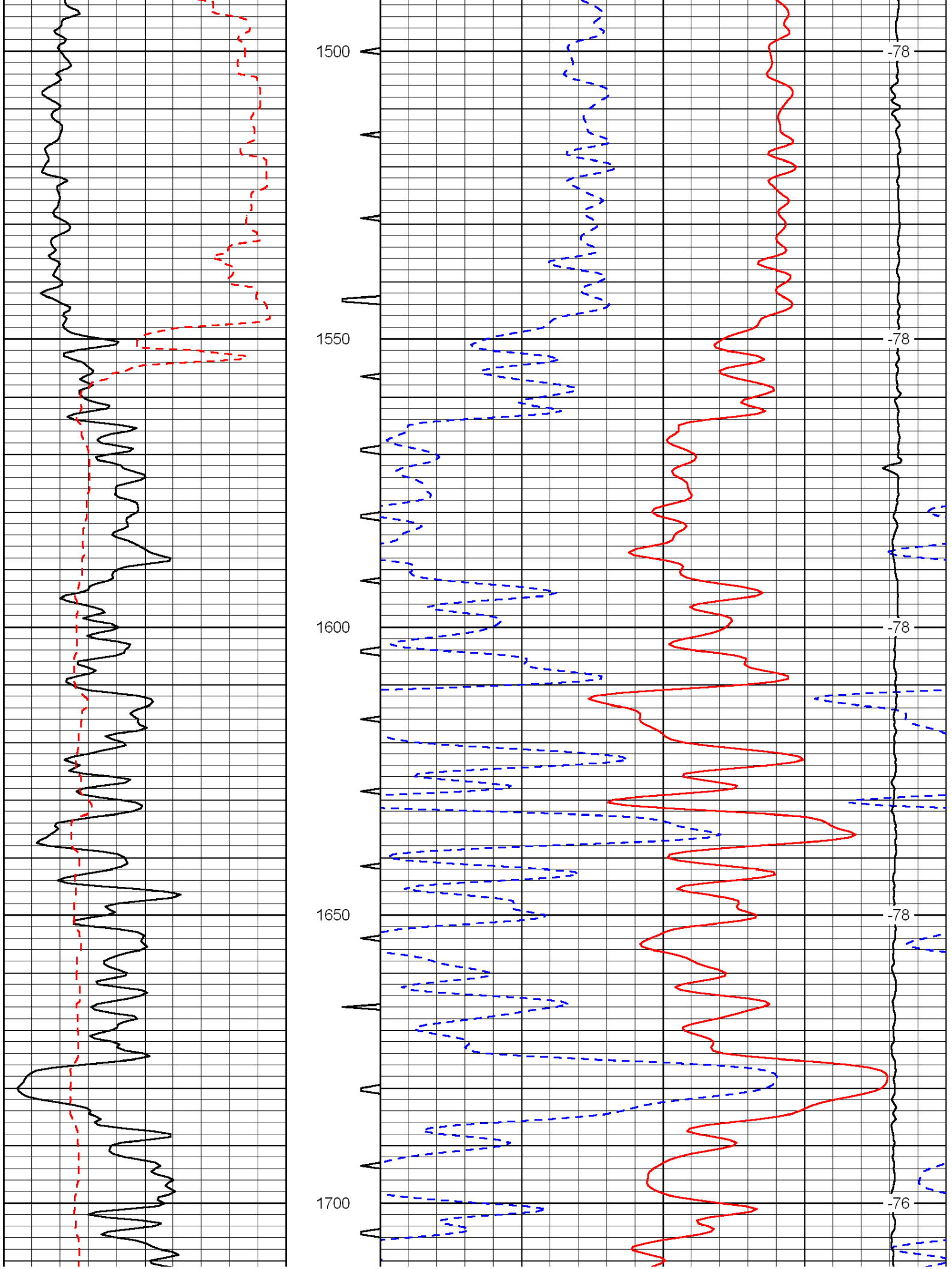

400
450
500
550
600
-80
-80
-79
-79
-79

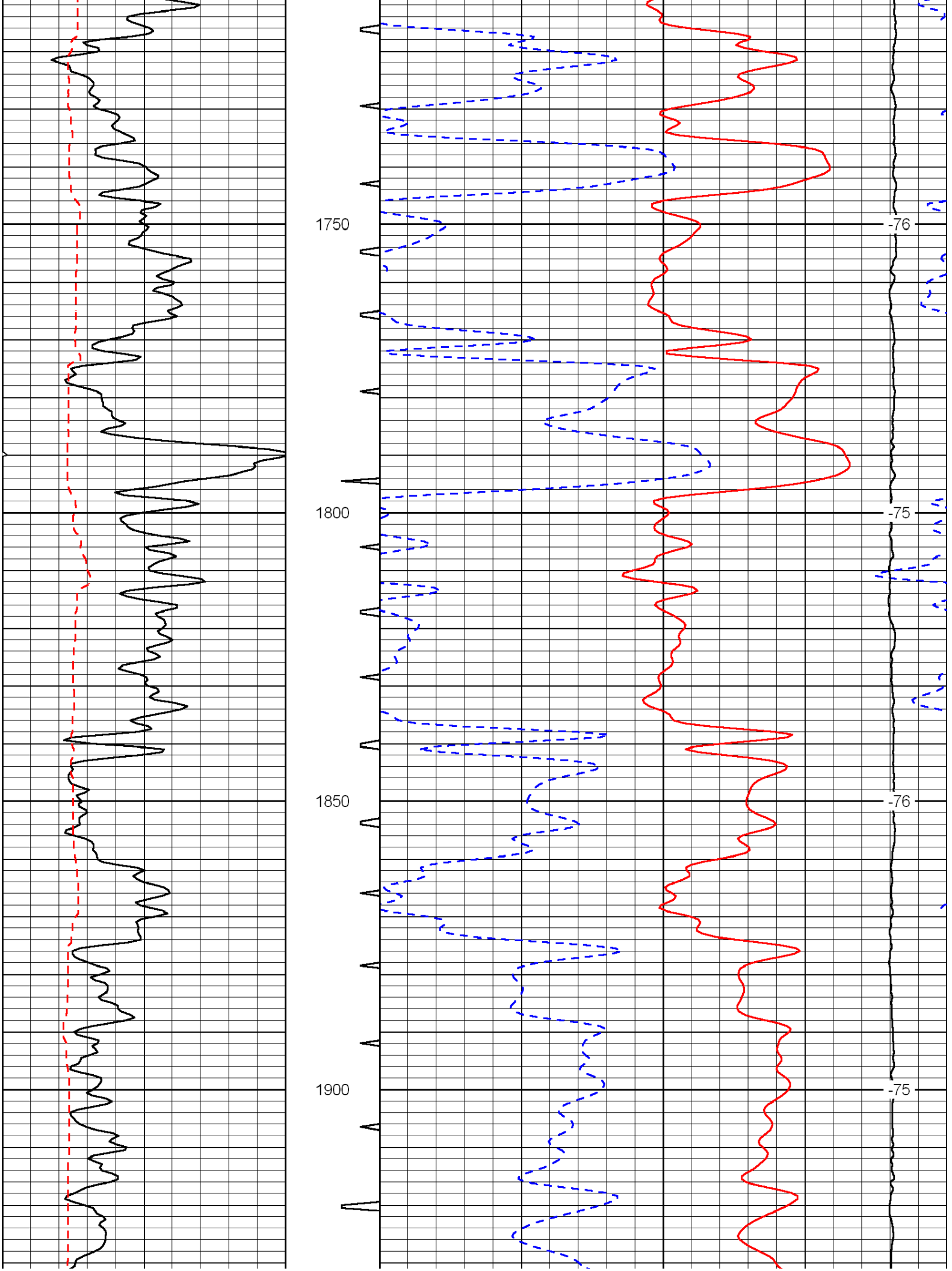

650
700
750
800
-79
-78
-78
-77

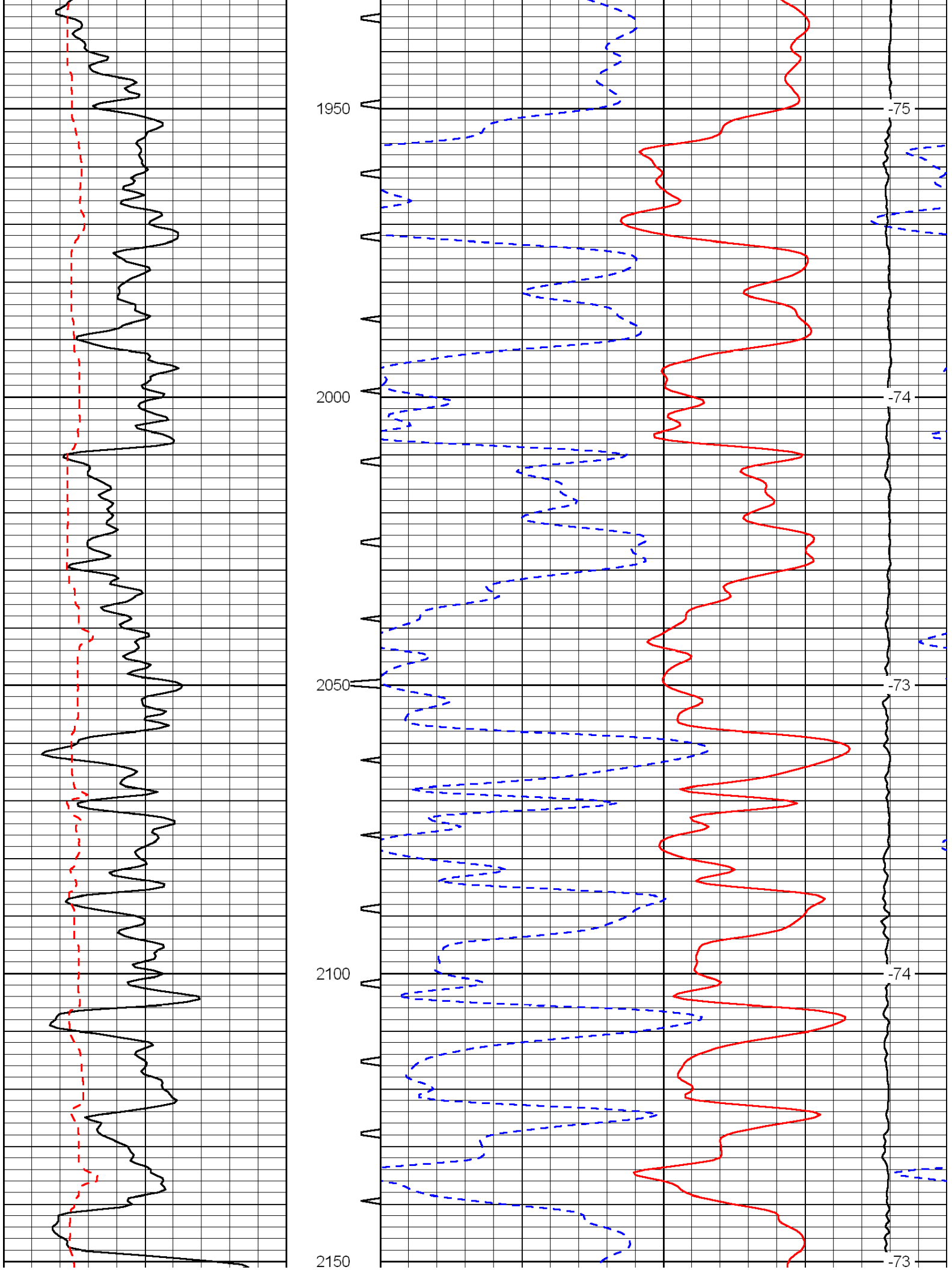

850
900
950
1000
1050
-77
-77
-77
-75
-75

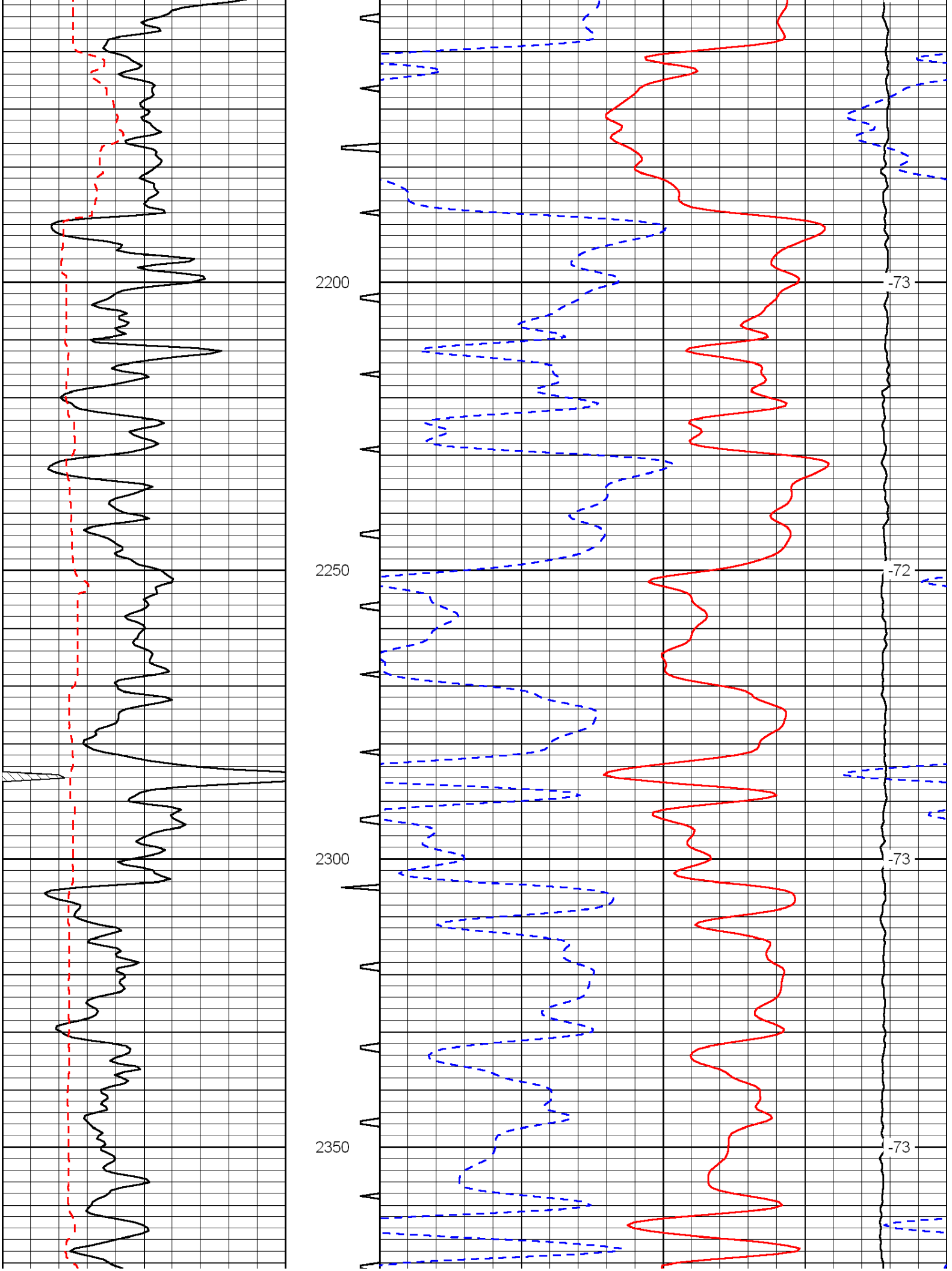

1100
-74
1150
-74
1200
-74
1250
-79

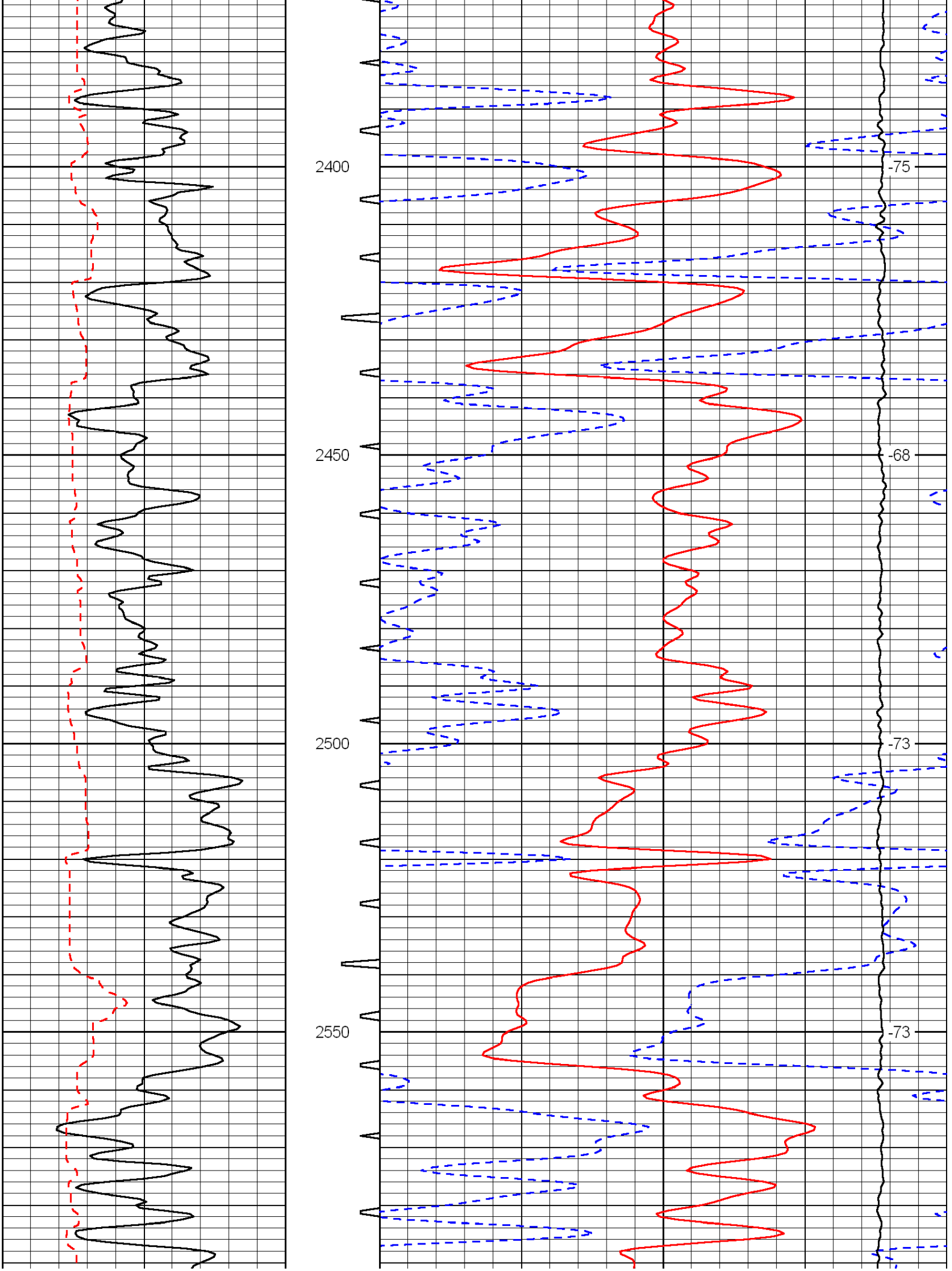

1300
1350
1400
1450
-79
-79
-79
-78

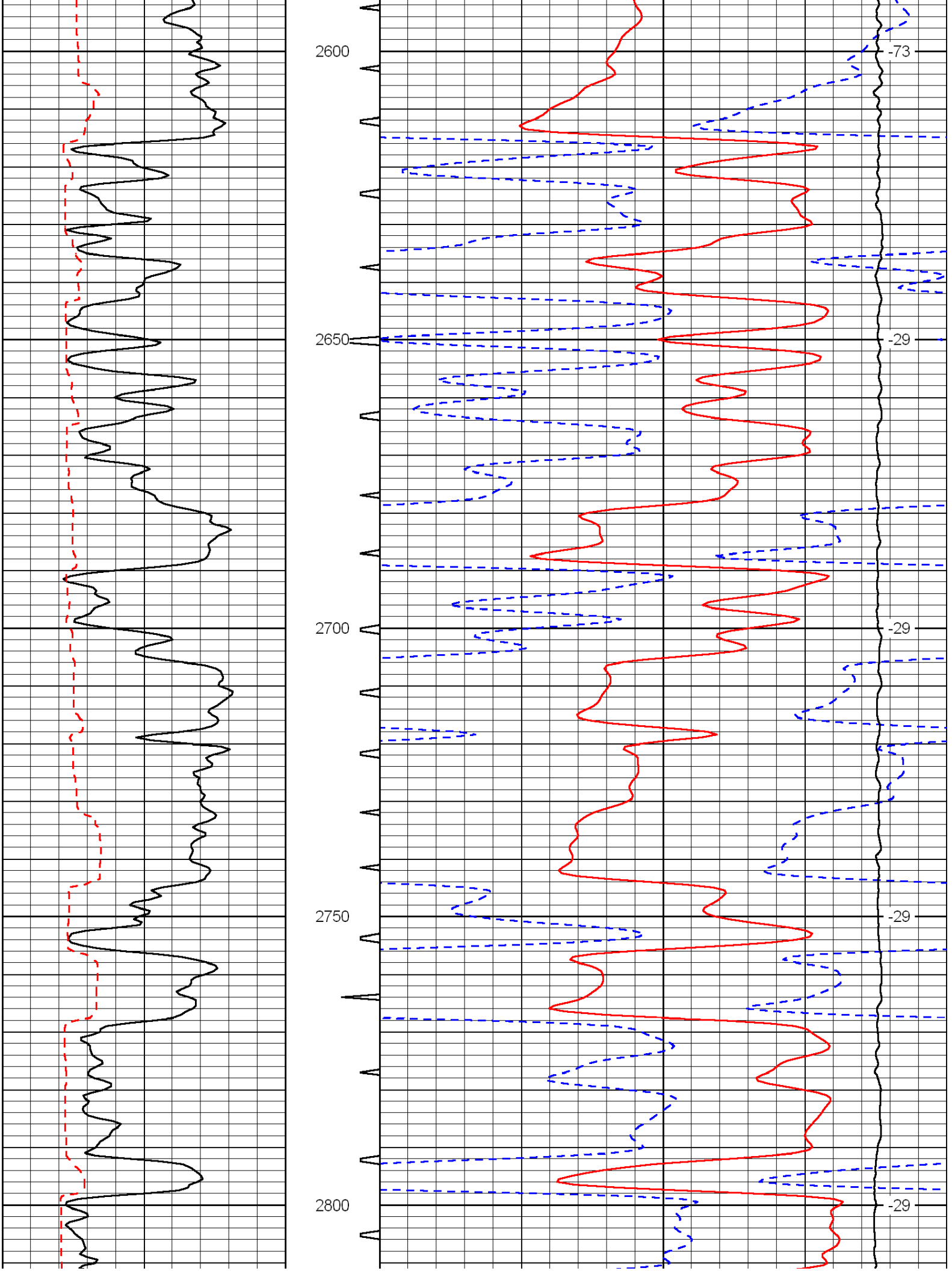

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1550
1600
1650
1700
-78
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-76

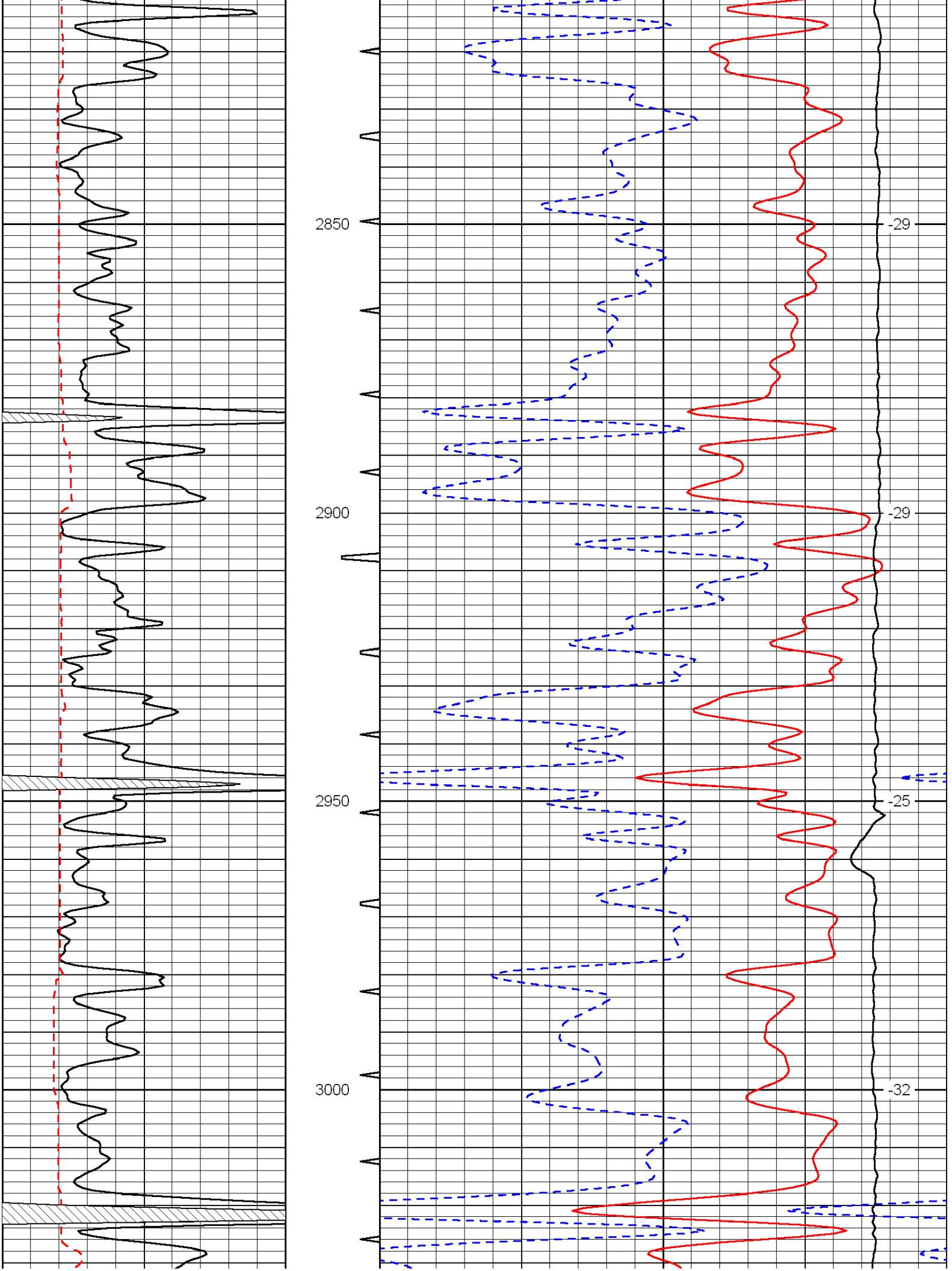

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1800
1850
1900
-76
-75
-76
-75

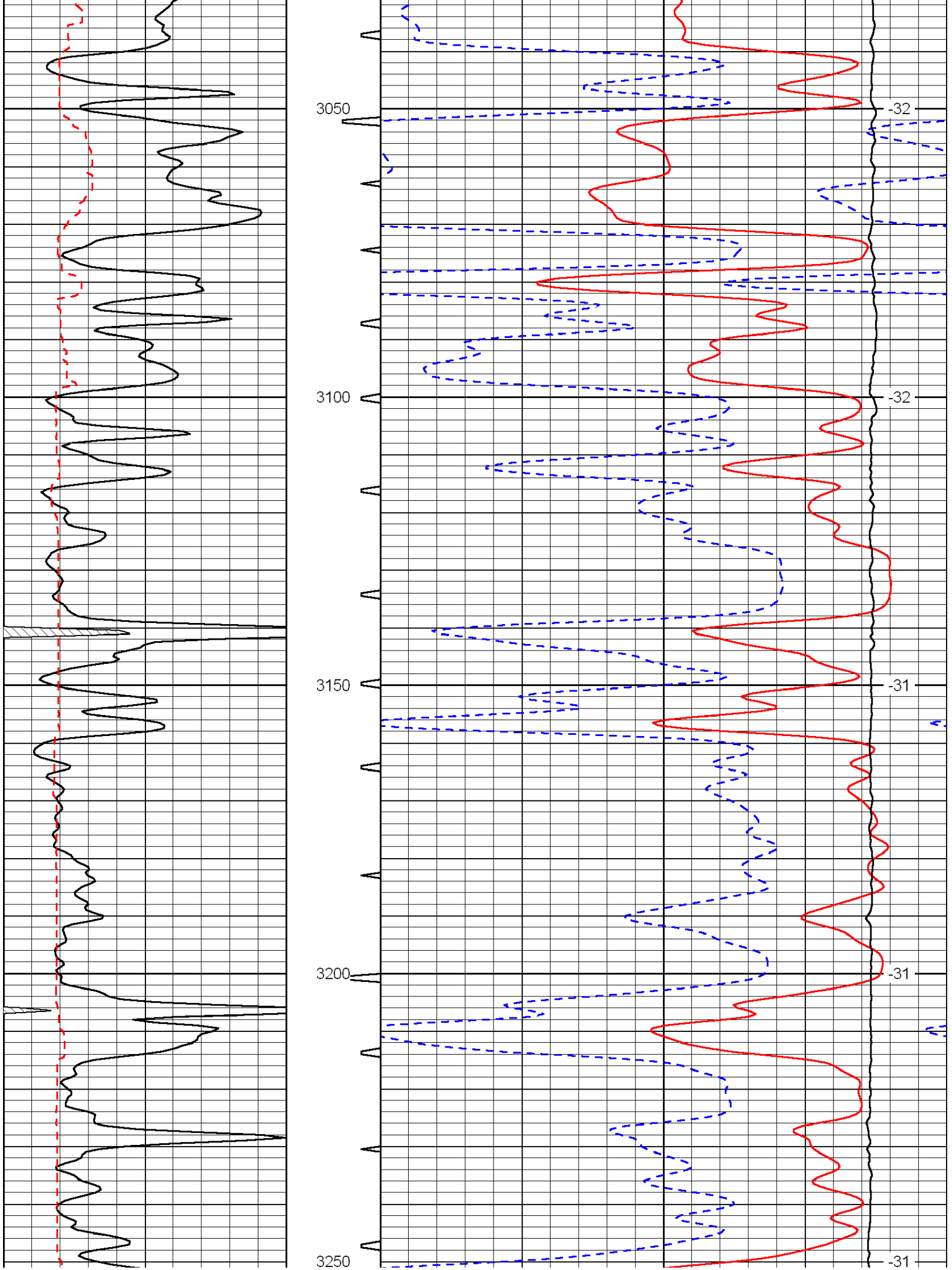

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2000
2050
2100
2150
-75
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-74
-73

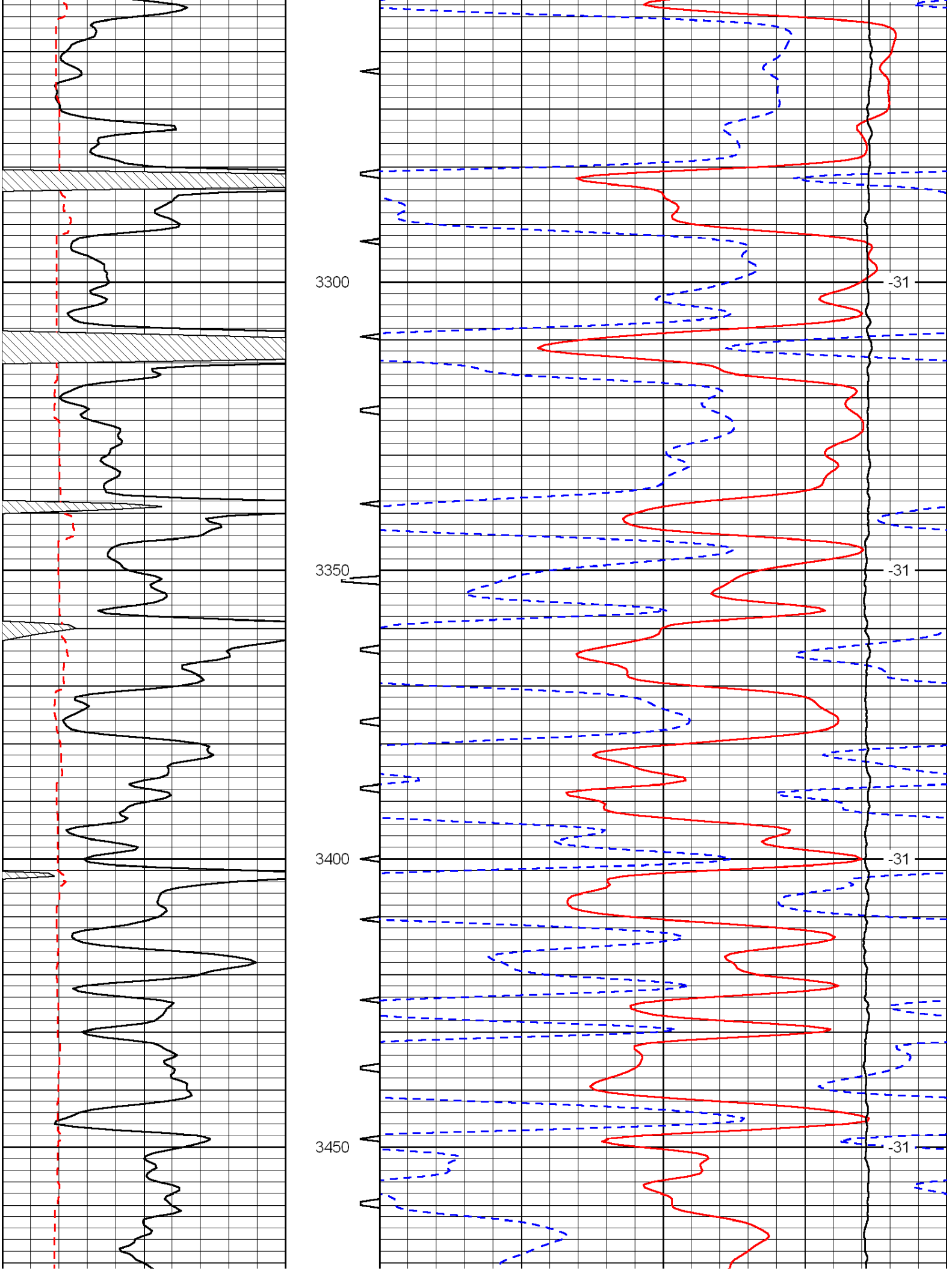

2200
2250
2300
2350
-73
-72
-73
-73

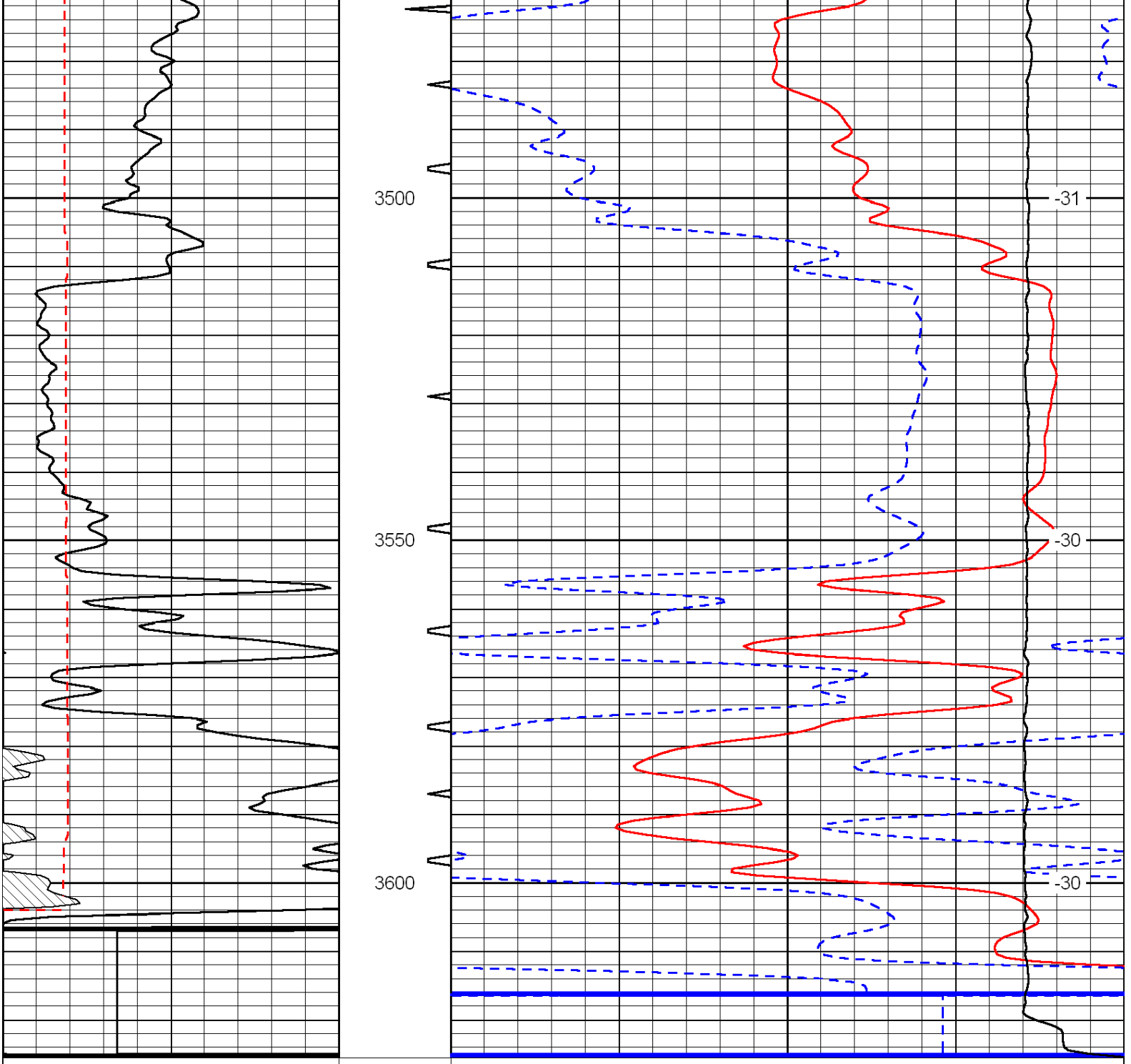

2400
-75
2450
-68
2500
-73
2550
-73


2600
2650
2700
2750
2800
-73
-29
-29
-29
-29


2850
2900
2950
3000
-29
-29
-25
-32


3050
-32
3100
-32
3150
-31
3200
-31
3250
-31


3300
-31
3350
-31
3400
-31
3450
-31



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