



DIGITAL LOG (785) 625-3858

Borehole Compensated
Sonic Log

15-153-20,896-00-00

API No.

Company Murin Drilling Company, Inc.
Well Daisy No. 1-27
Field Wildcat
County Rawlins
State Kansas

Location 2200' FNL & 2200' FEL
Sec: 27 Twp: 4 S Rge: 31 W

Other Services
CNL/CDL
MEL/DIL

Elevation
K.B. 2926
D.F. 2921
G.L. 2921

Permanent Datum Ground Level Elevation 2921
Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Date	3/09/2012	
Run Number	Two	
Type Log	BHC Sonic	
Depth Driller	4550	
Depth Logger	4554	
Bottom Logged Interval	4543	
Top Logged Interval	200	
Type Fluid In Hole	Chemical	
Salinity, PPM CL	2,400	
Density	9.4	
Level	Full	
Max. Rec. Temp. F	124	
Operating Rig Time	5 Hours	
Equipment -- Location	91 Hays	
Recorded By	K. Bange	
Witnessed By	Jeff Christian	

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	220	8.625	24#	00	220
2	7.875	220	4550				

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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

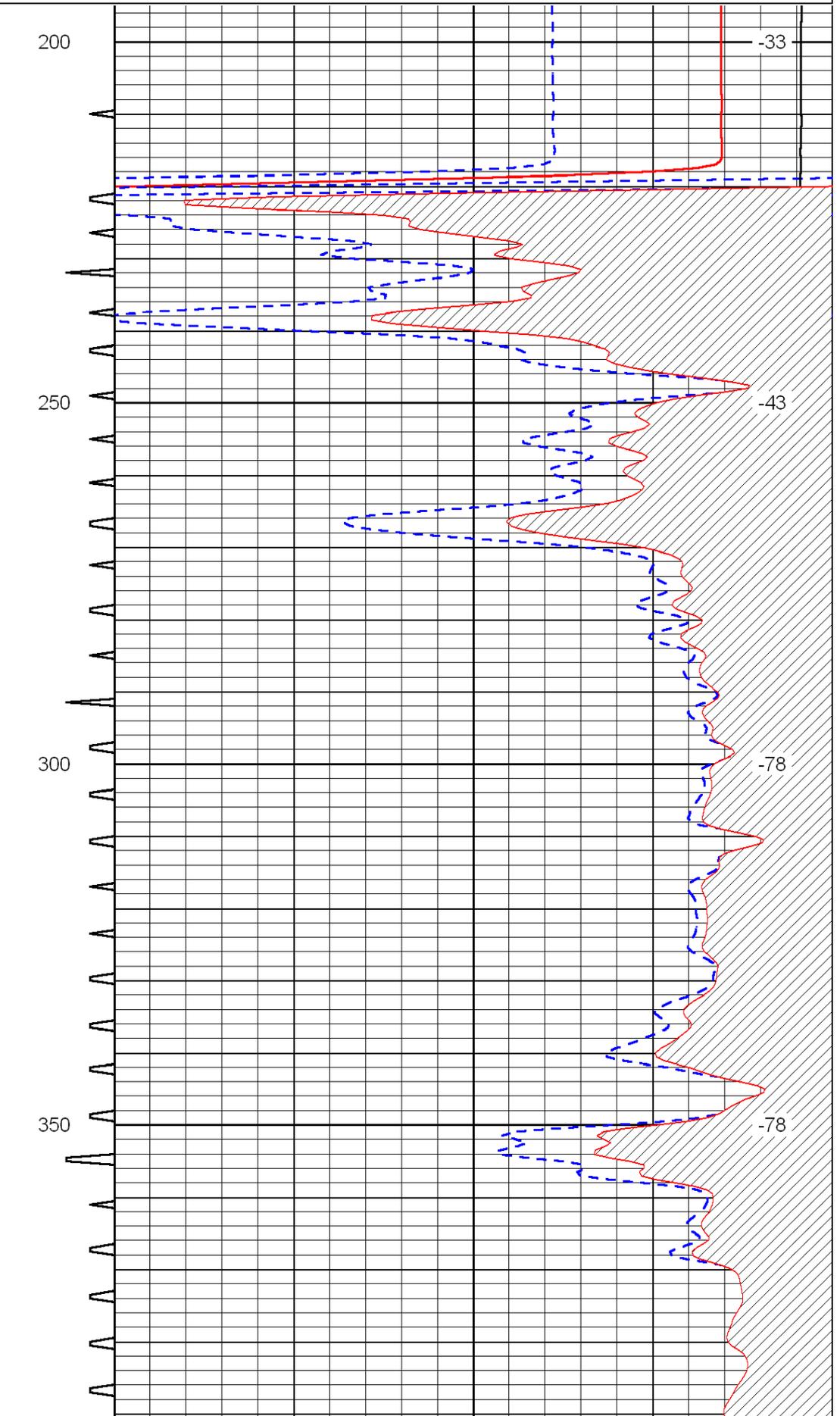
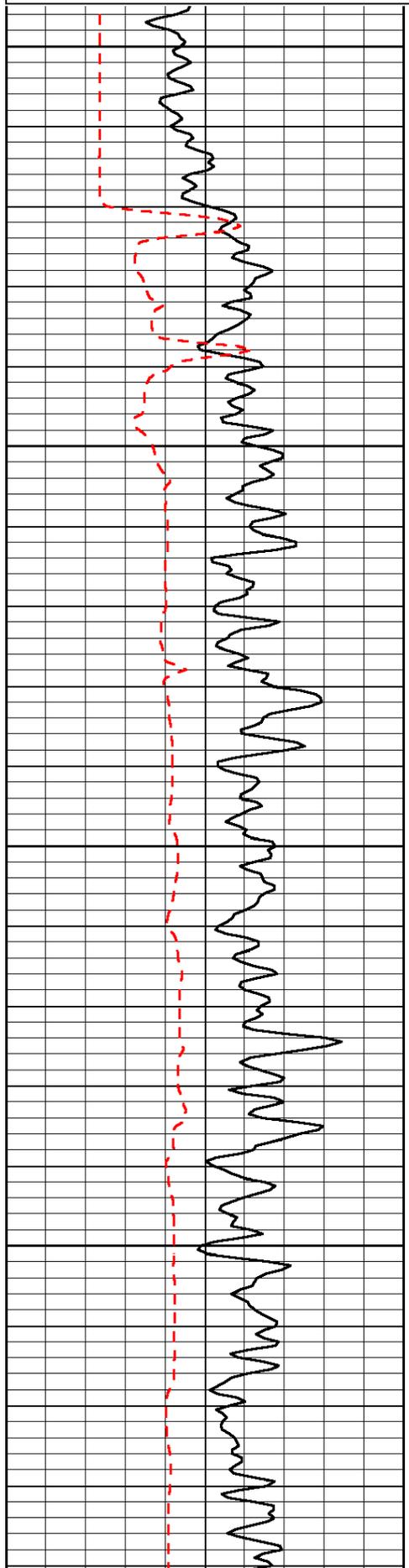
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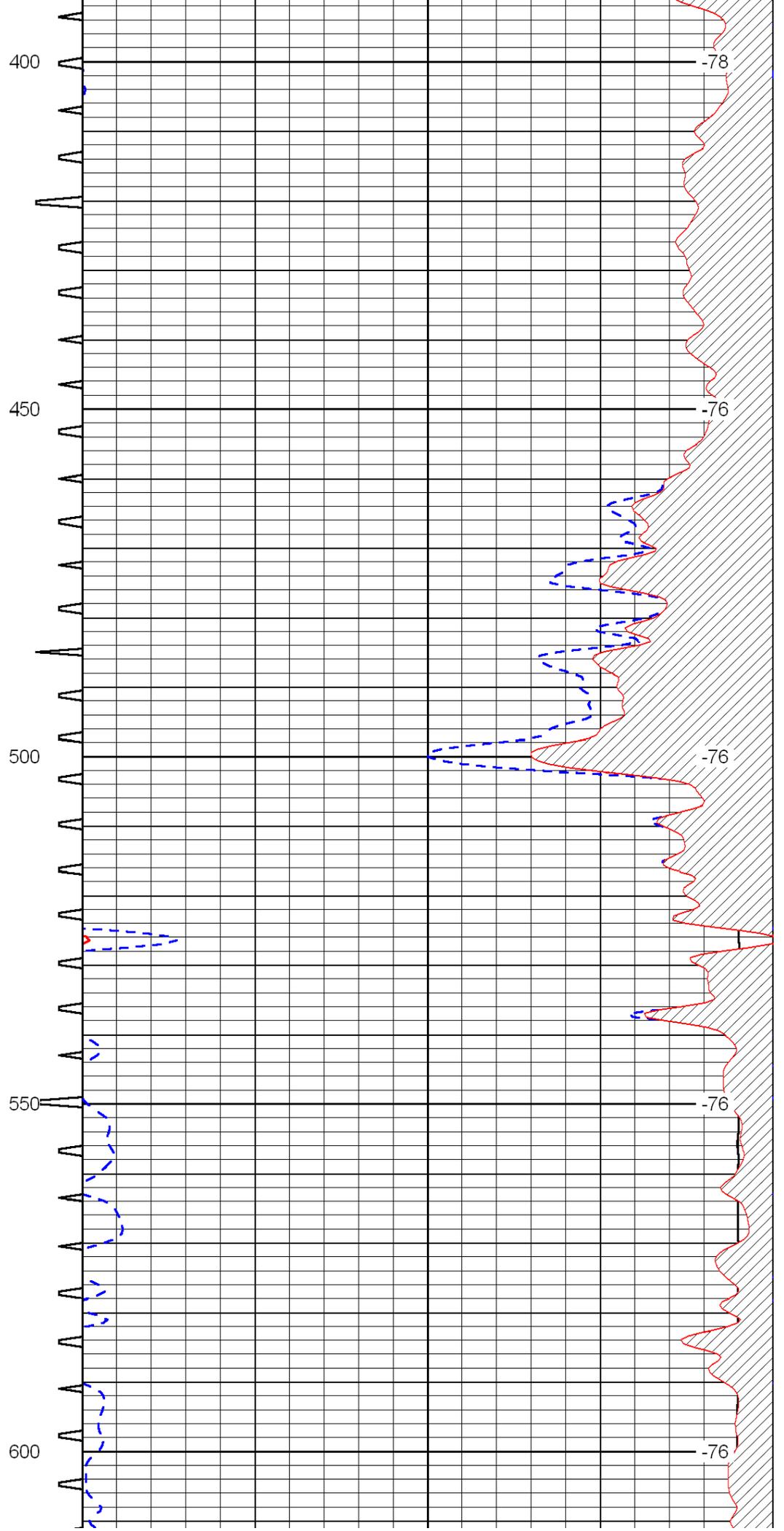
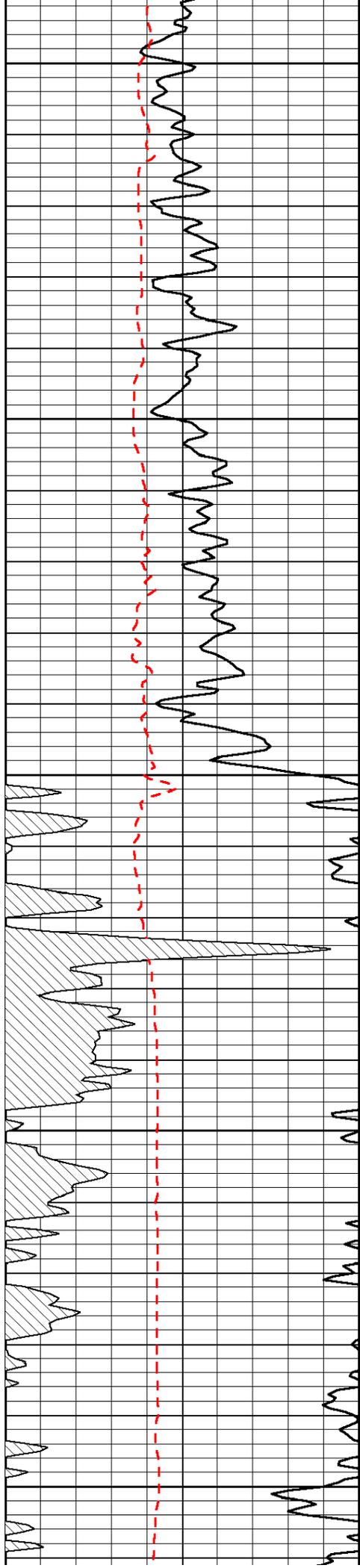
Rexford (E edge), N to EE rd (Y intersection),
2 W (road curves N), continue N to I rd (follow correction curves W and N),
1 E, 1/2 S, W into

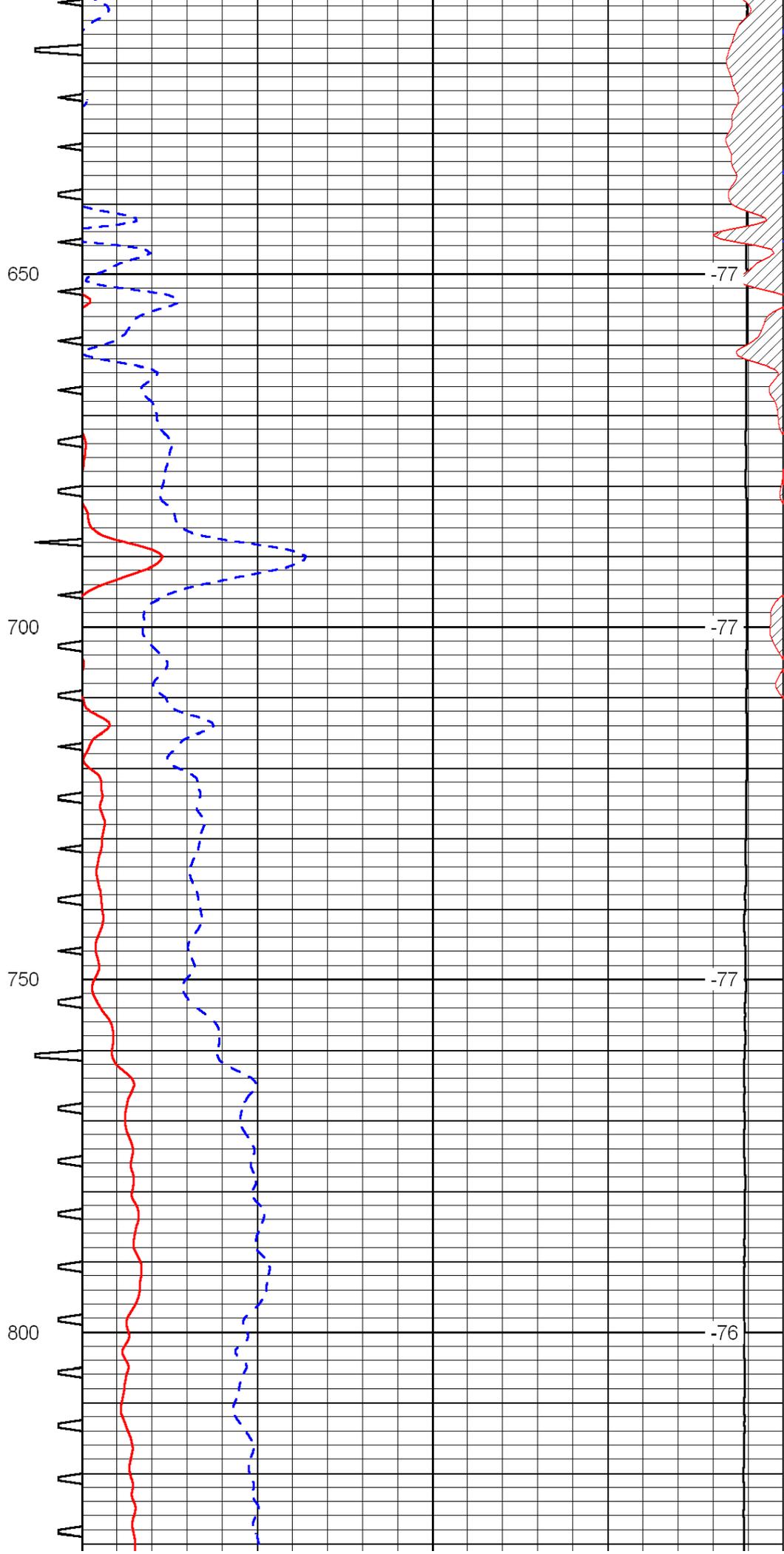
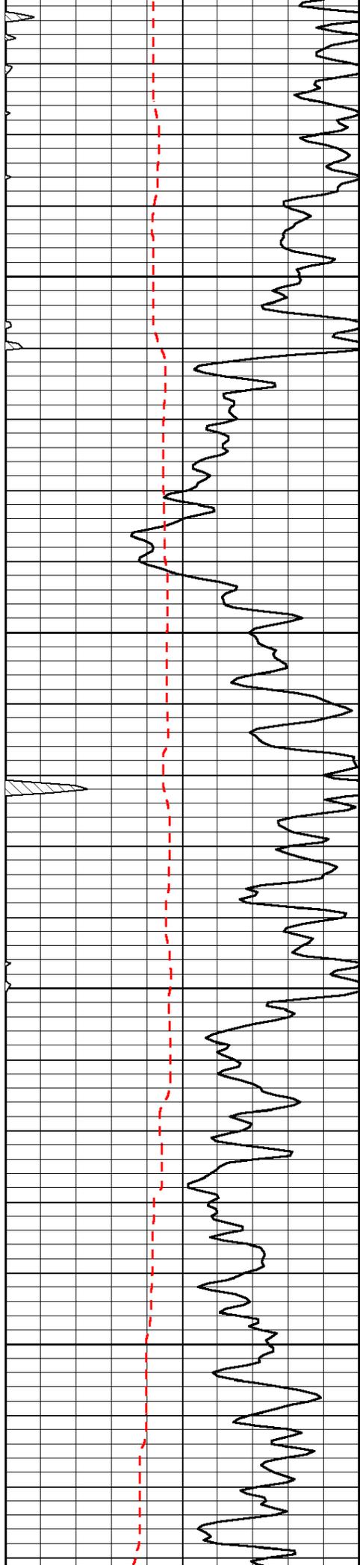
Database File: c:\warrior\data\murfin_daisy no. 1-27\murfin030912hd.db
 Dataset Pathname: dil/murfstk
 Presentation Format: sonic
 Dataset Creation: Fri Mar 09 09:21:29 2012
 Charted by: Depth in Feet scaled 1:240

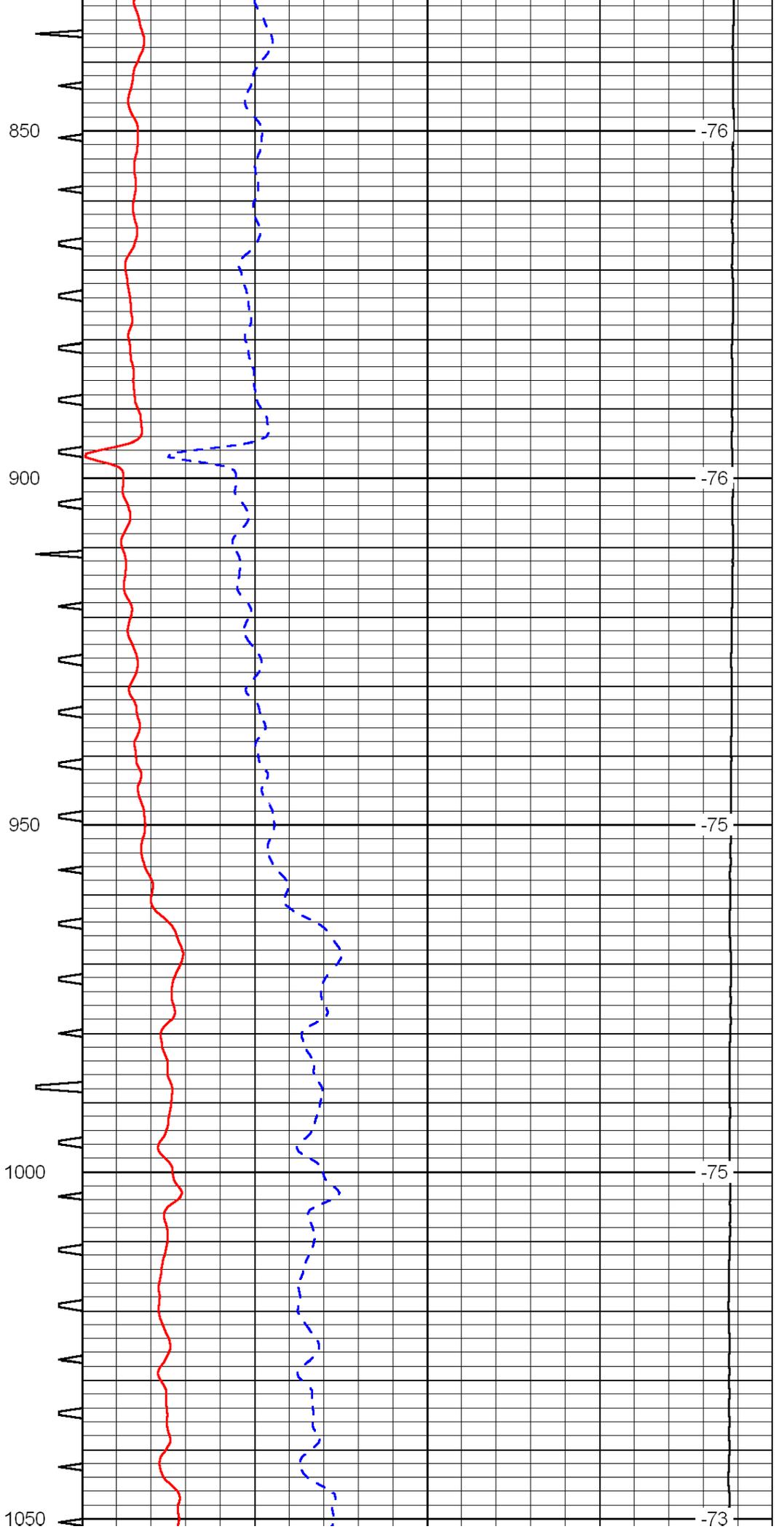
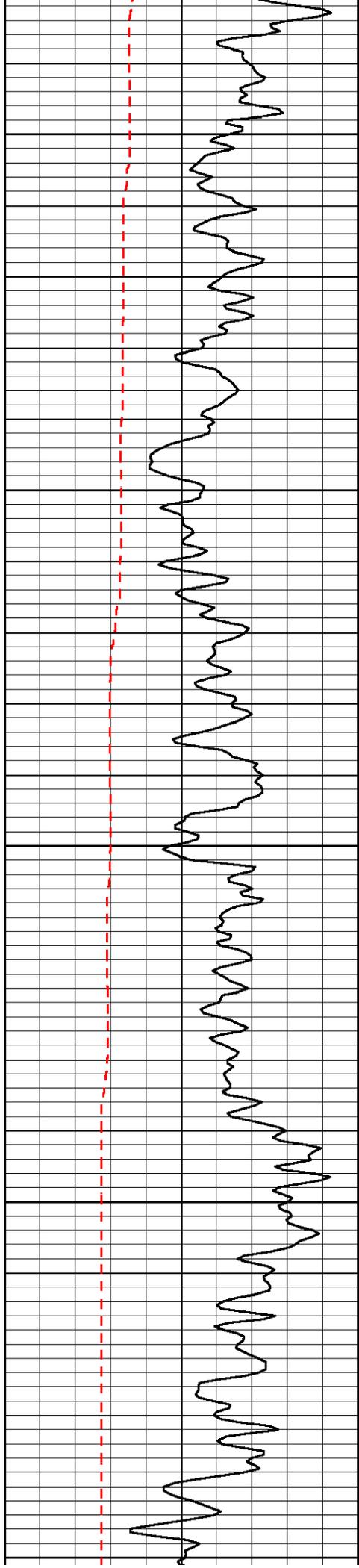
0	Gamma Ray	150	Sonic Int	140	Delta Time (usec/ft)	40
150	Gamma Ray	300	5	0	SPOR	-10
6	Caliper (GAPI)	16		15000	LTEN (lb)	0

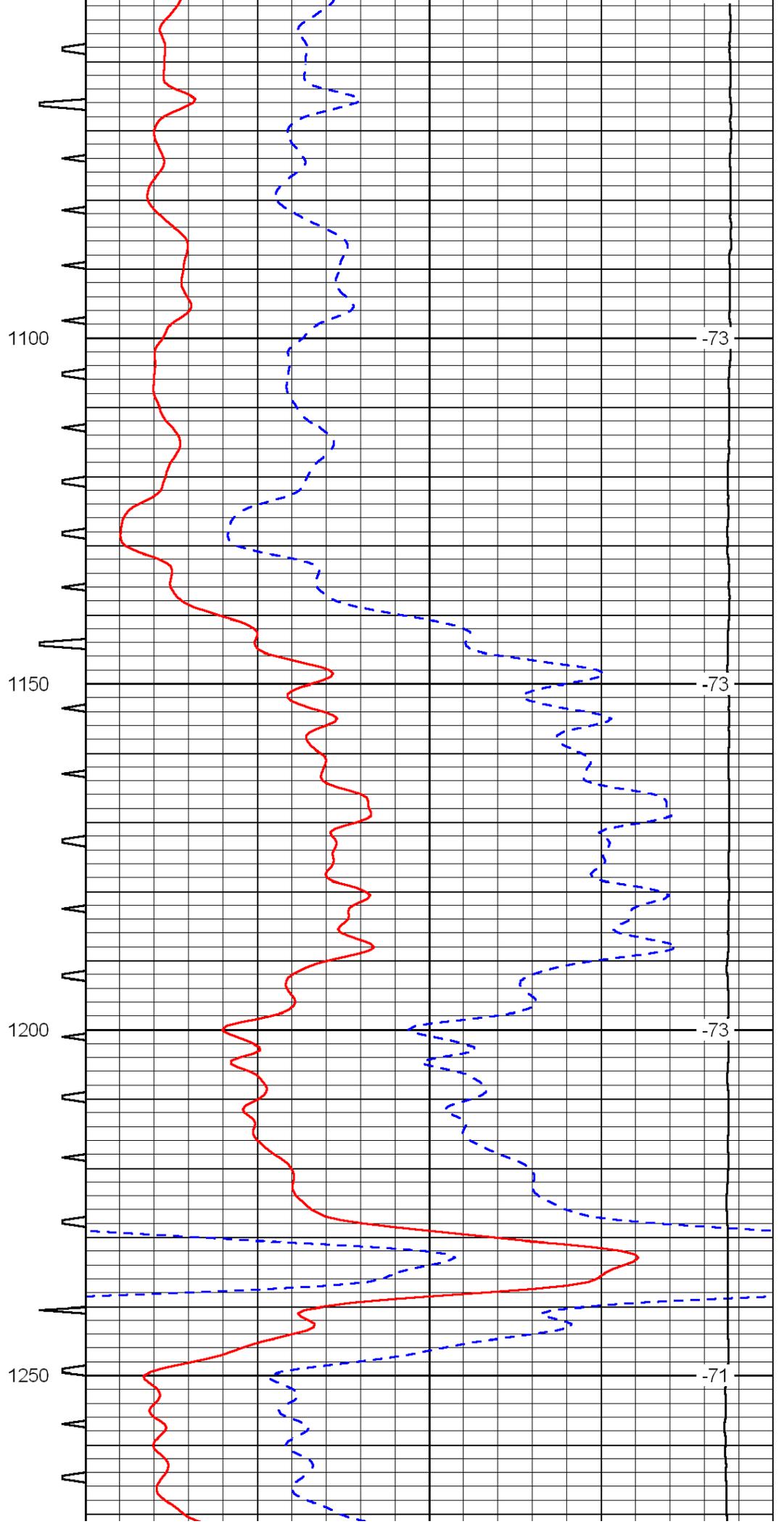
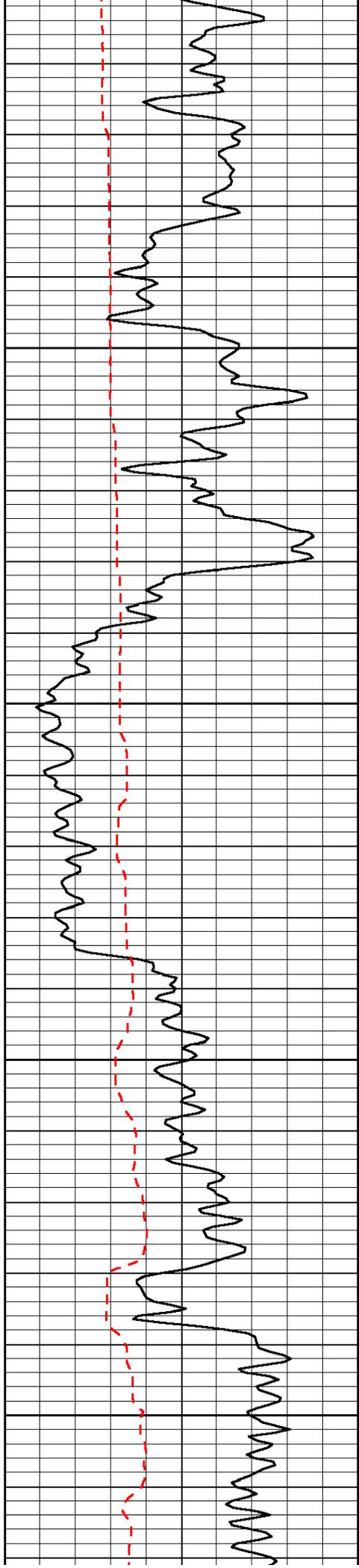
LSPD

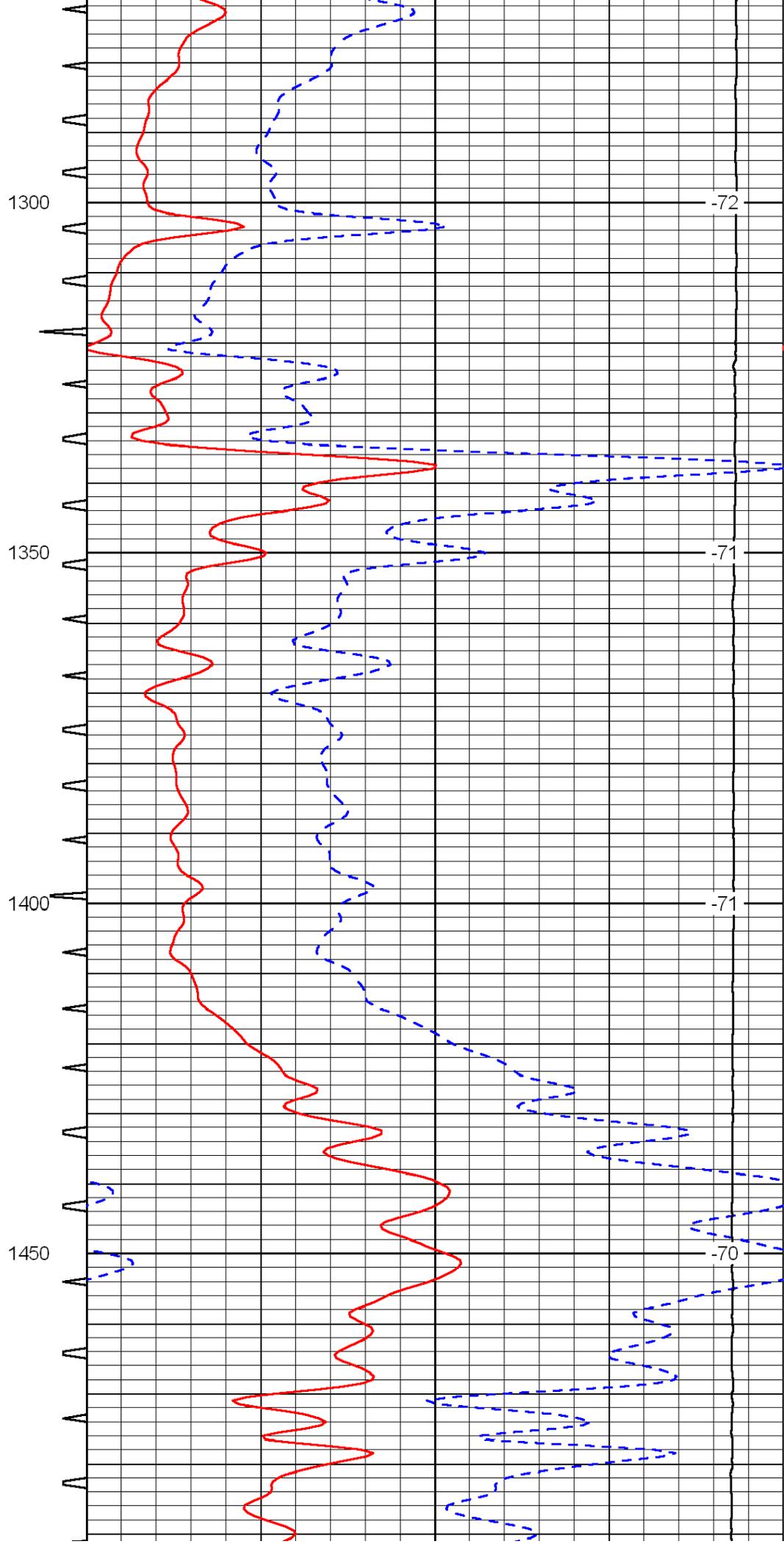
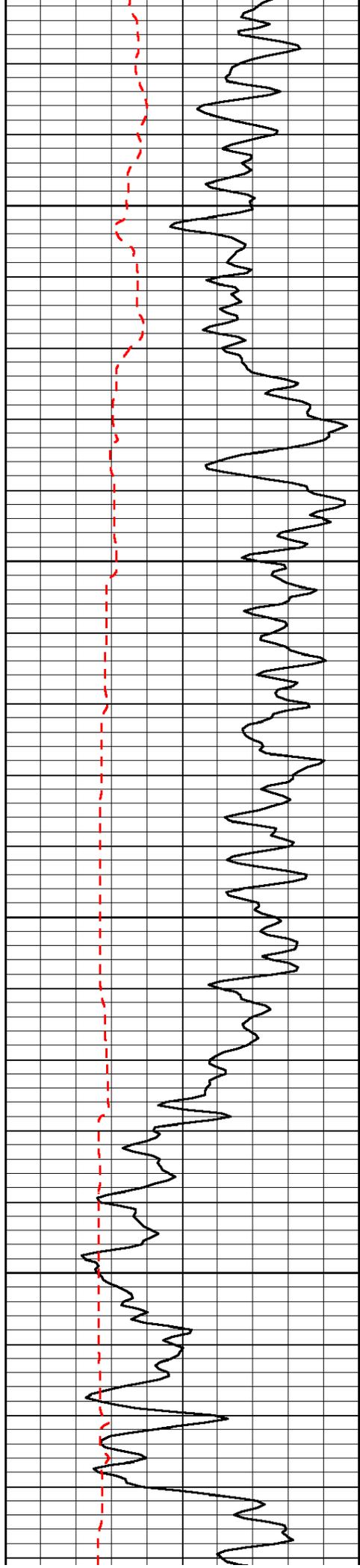


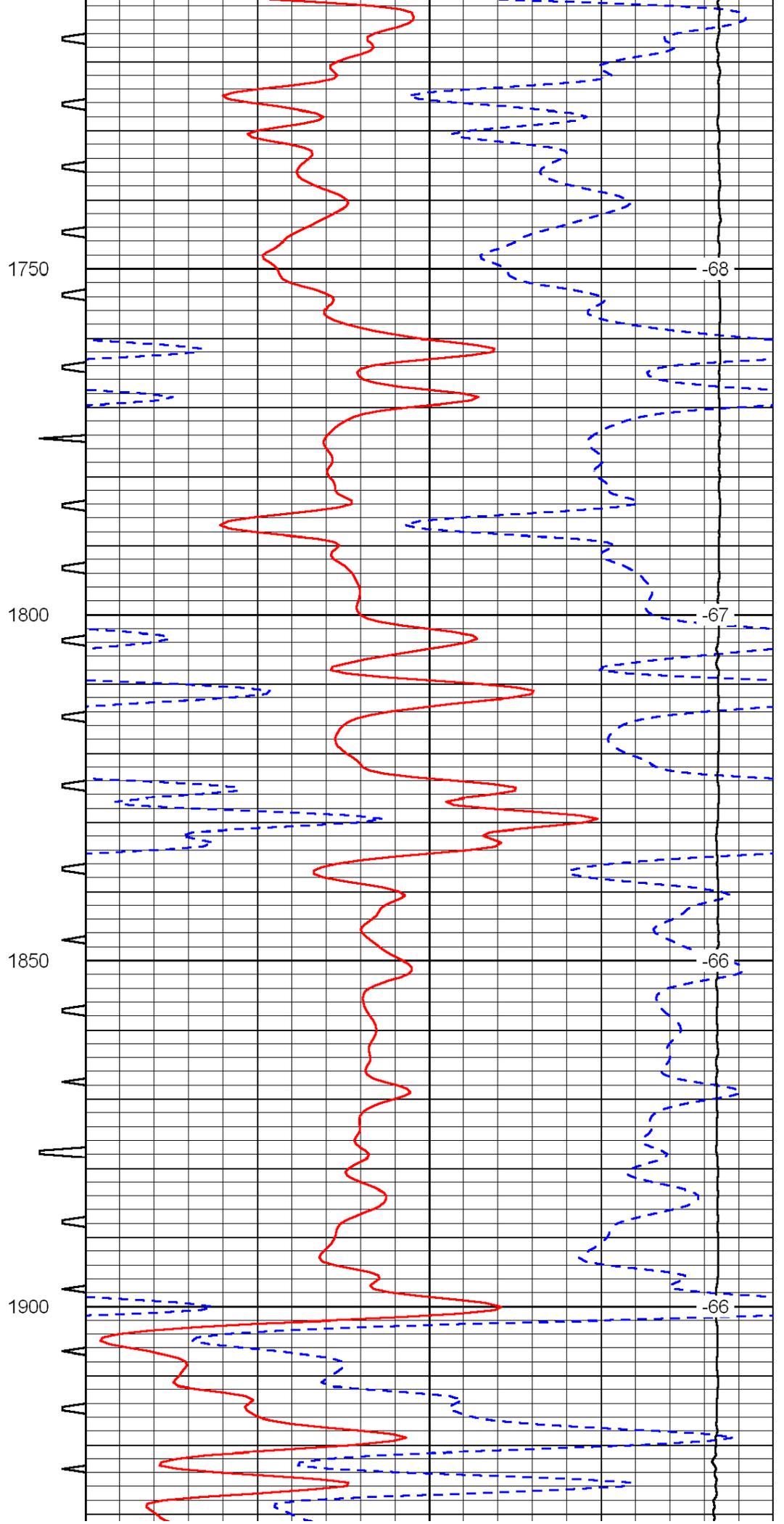
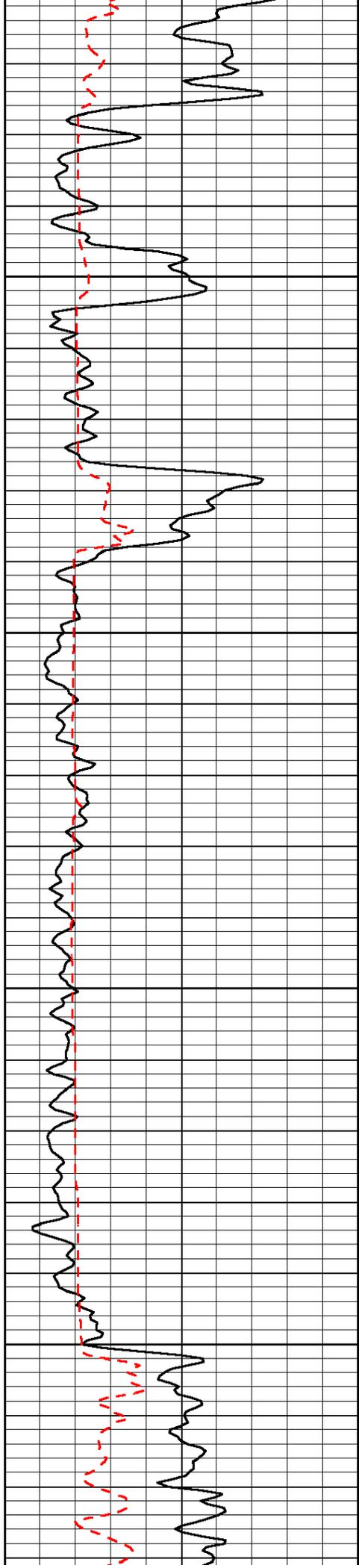


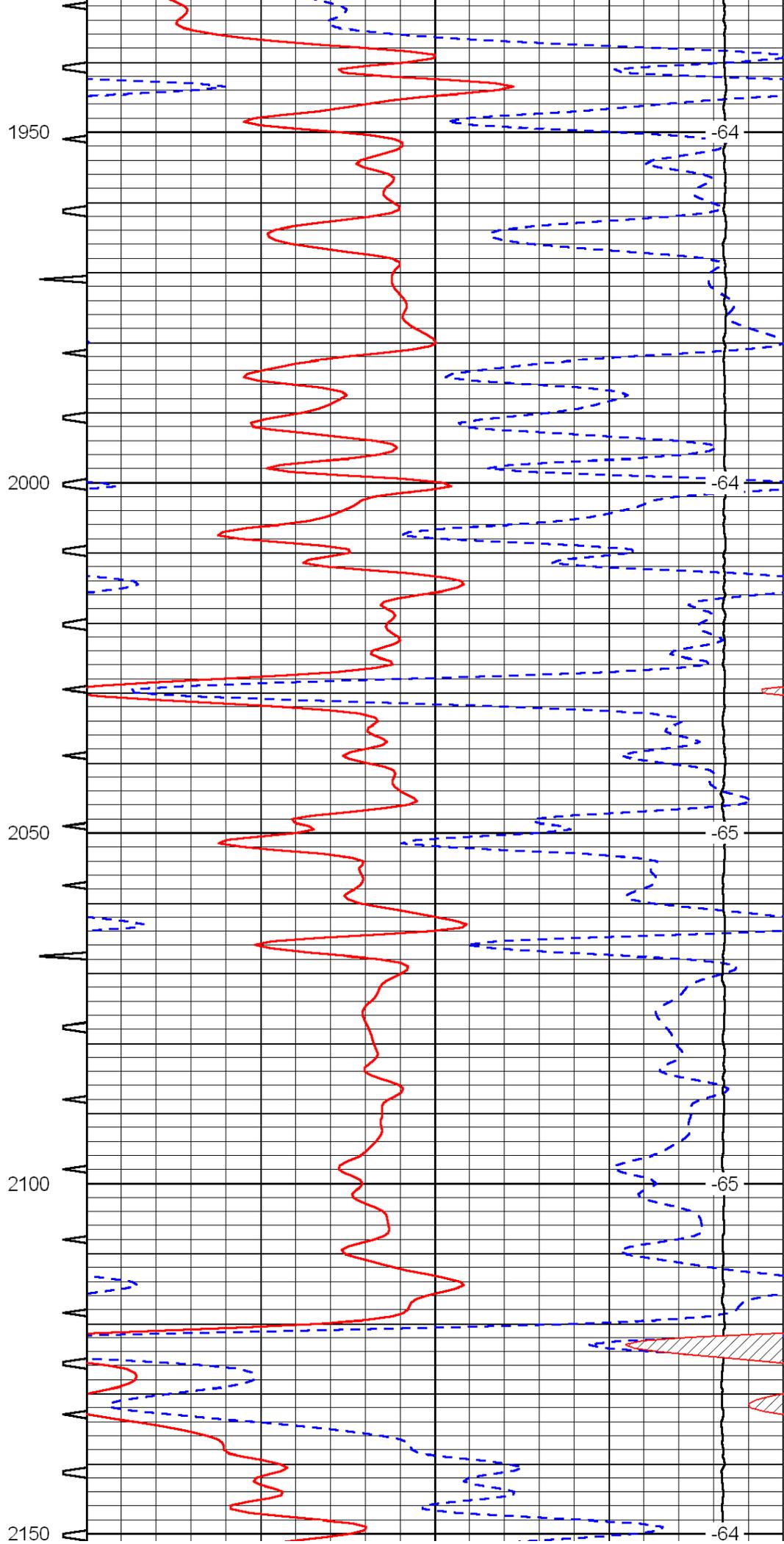
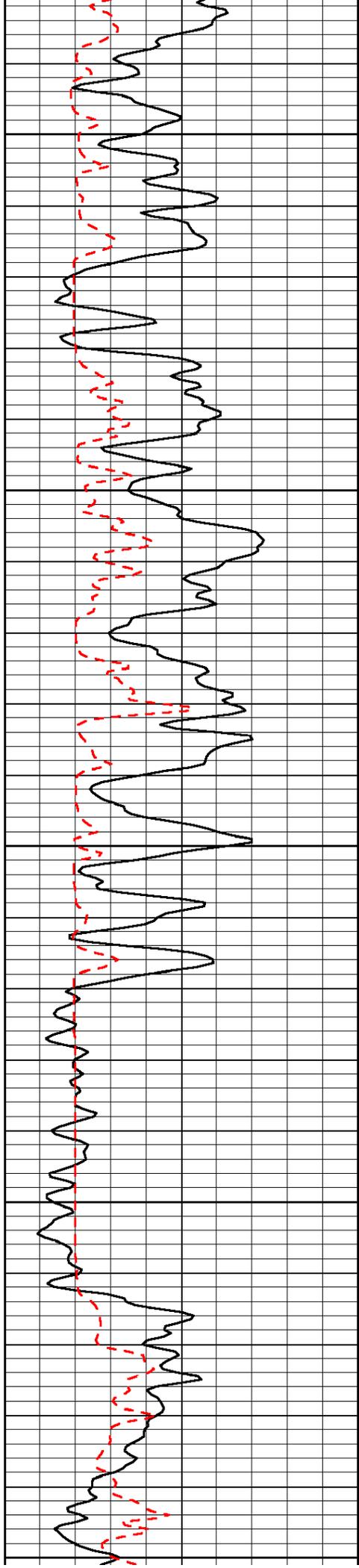


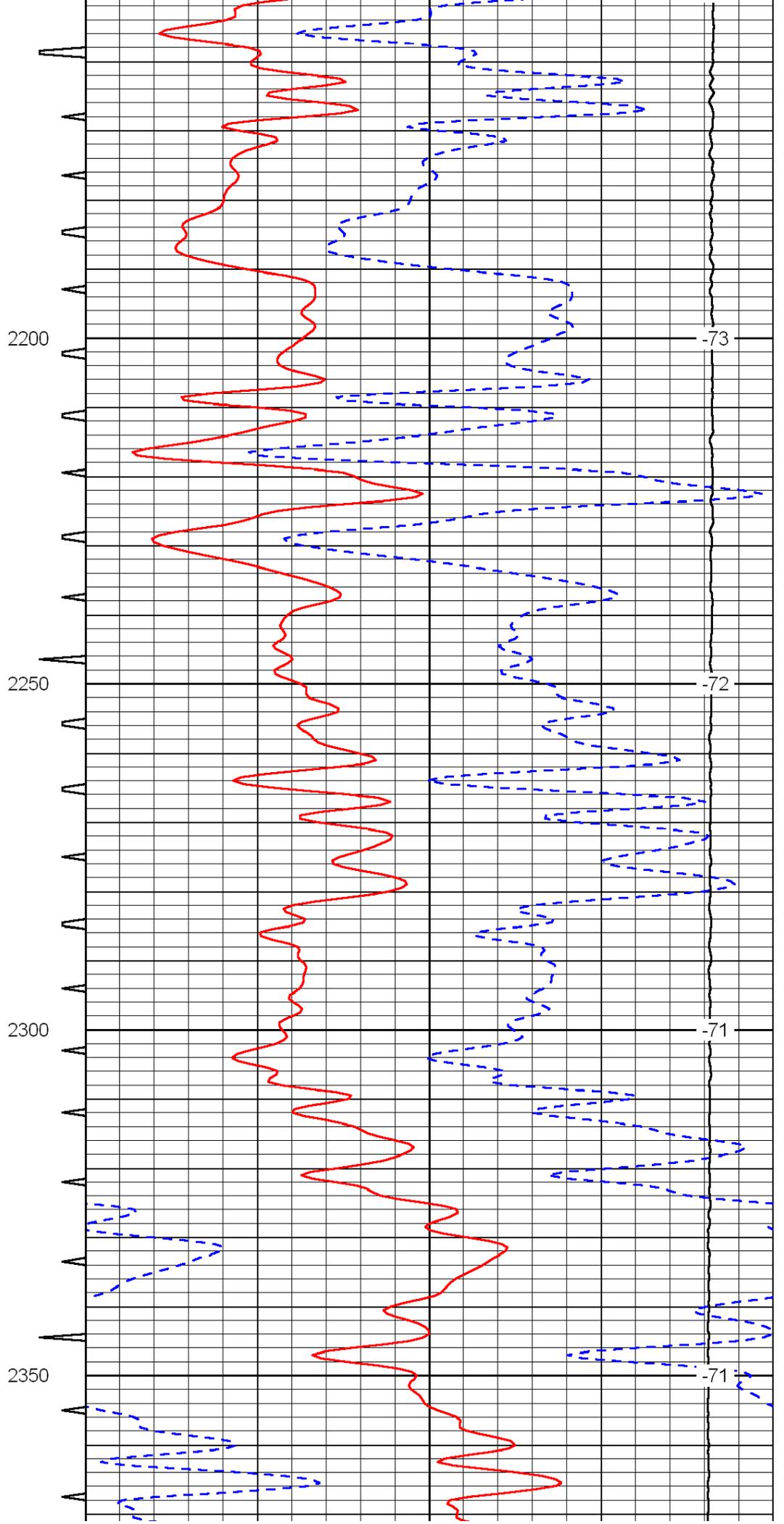
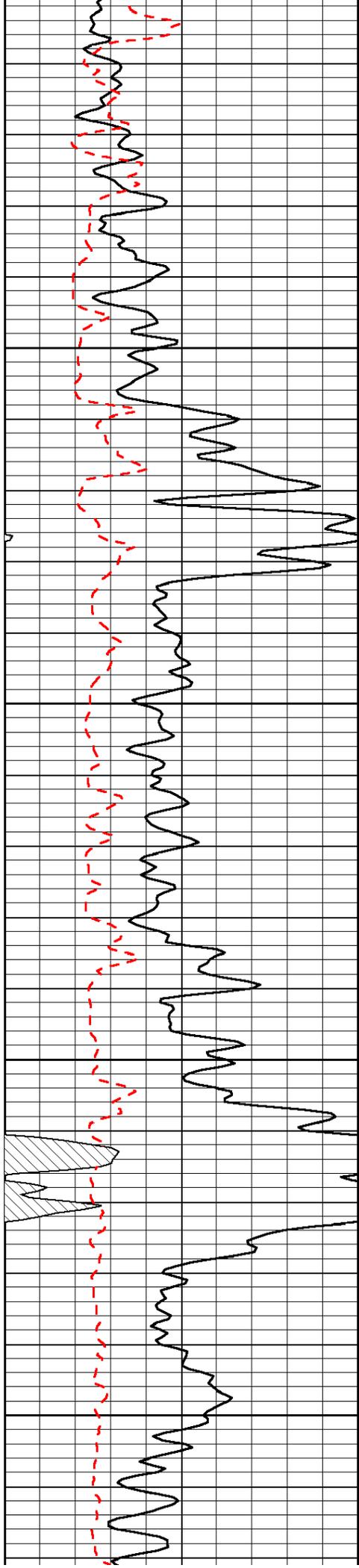


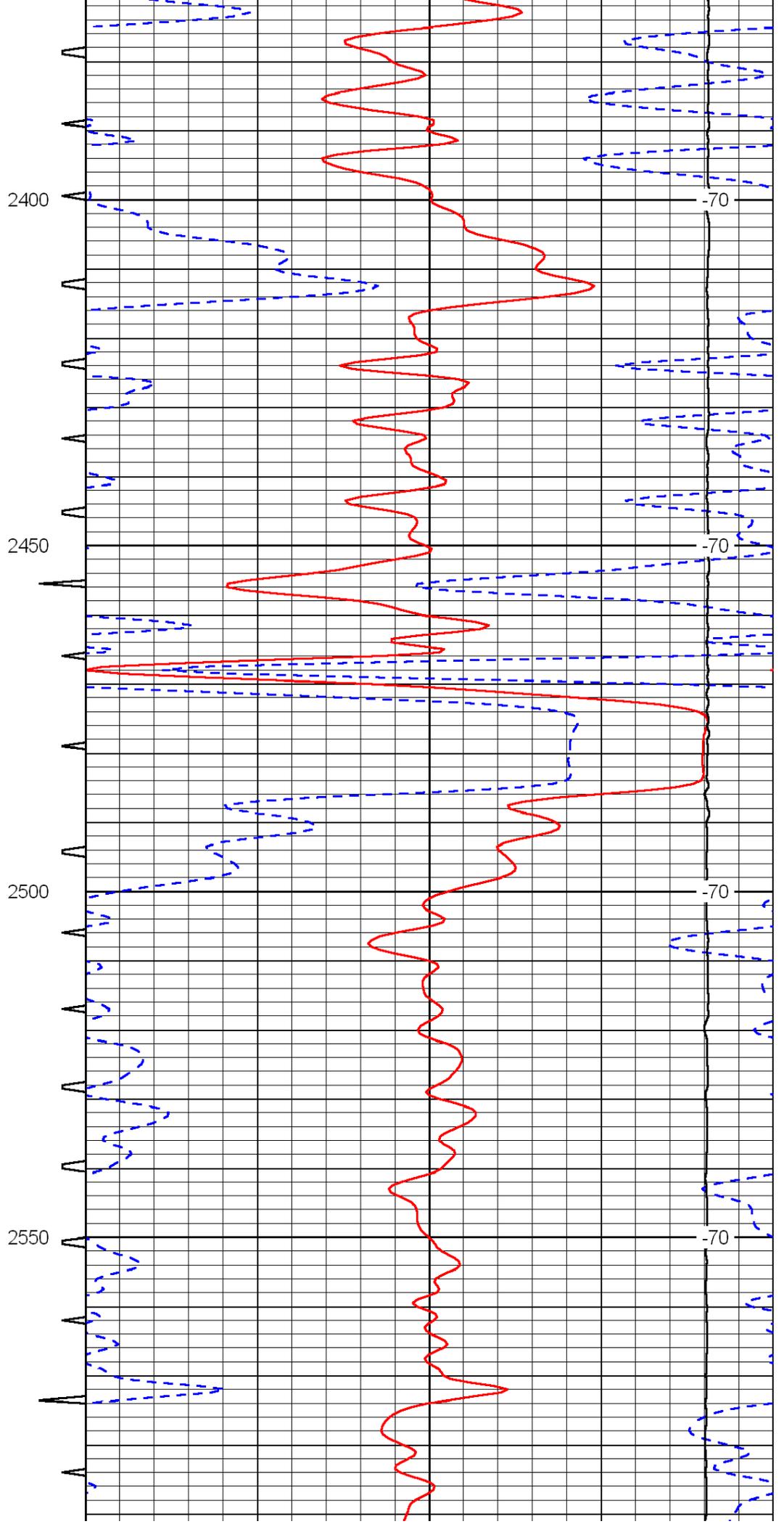
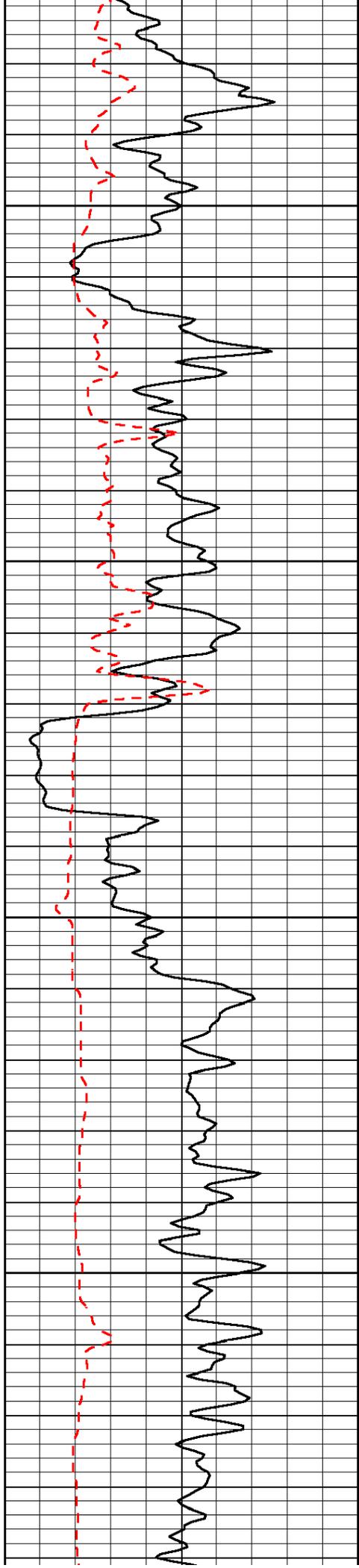


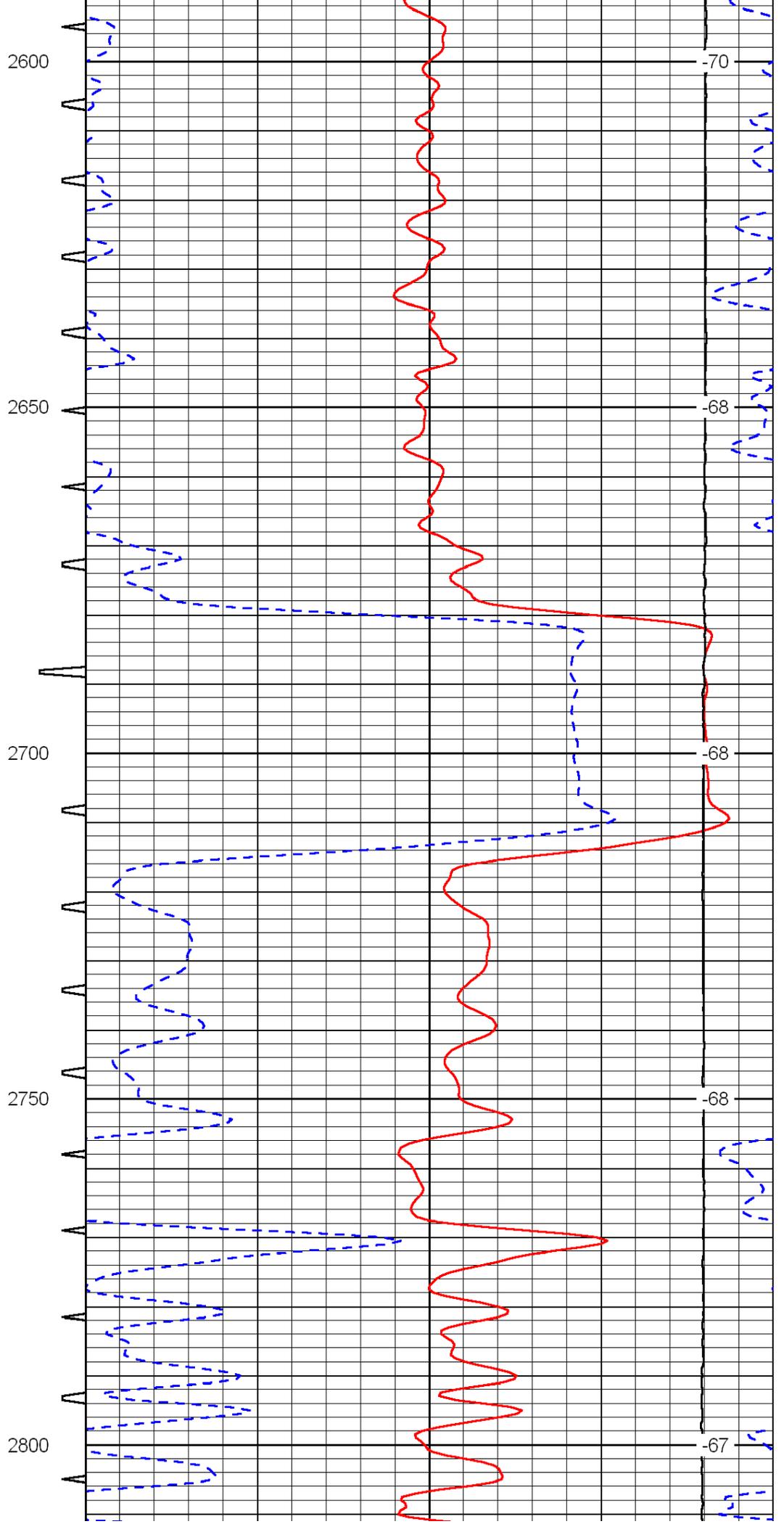
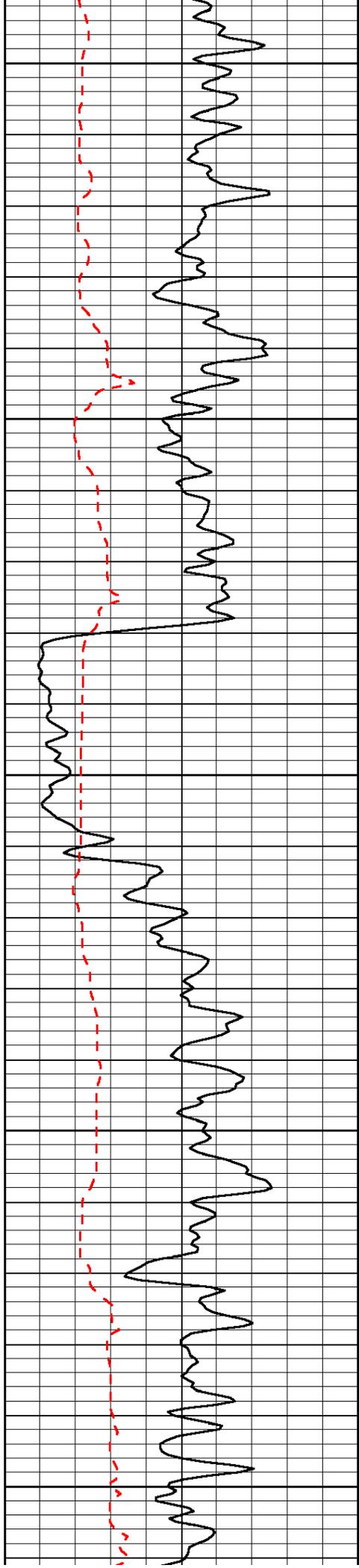


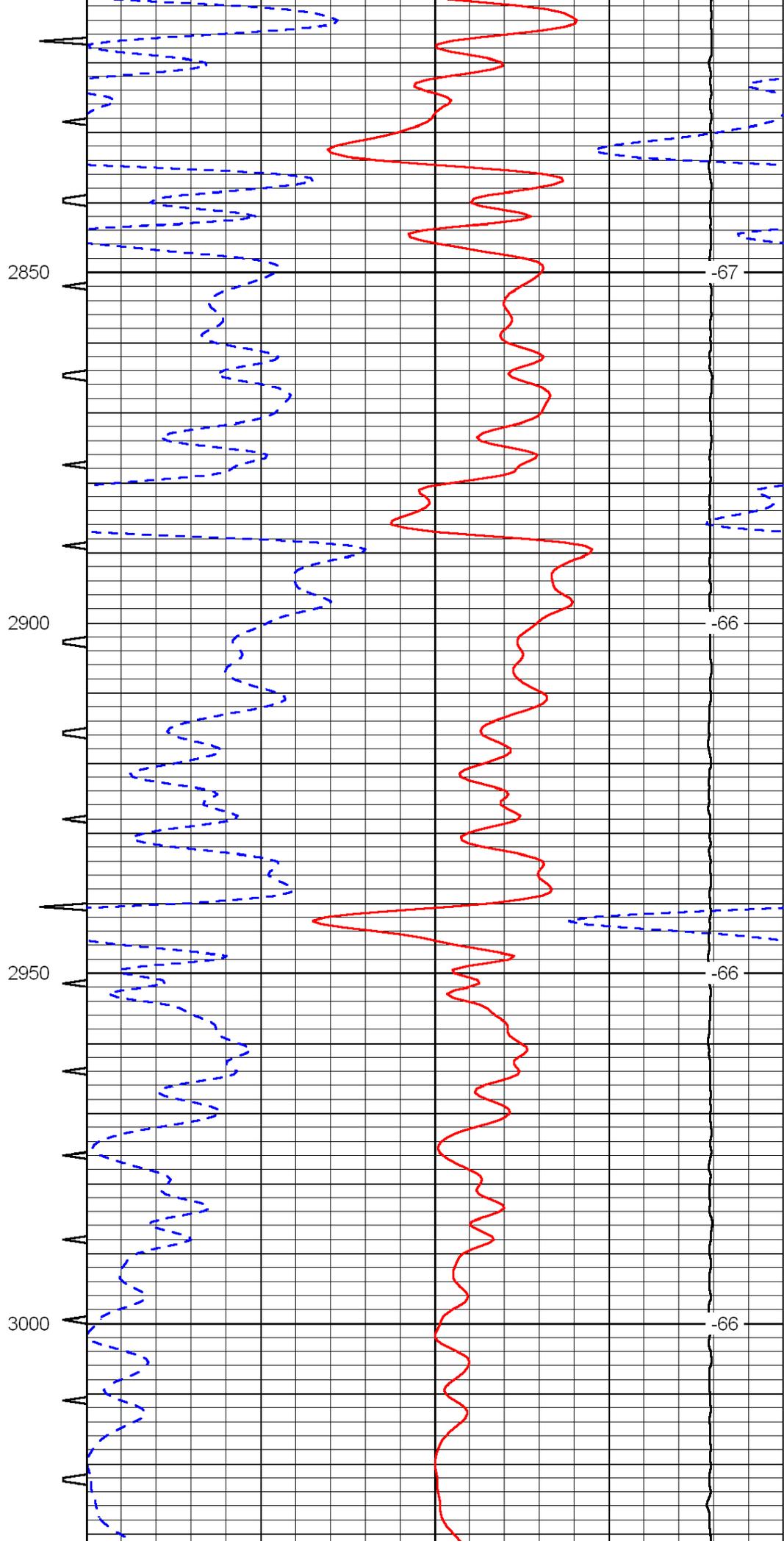
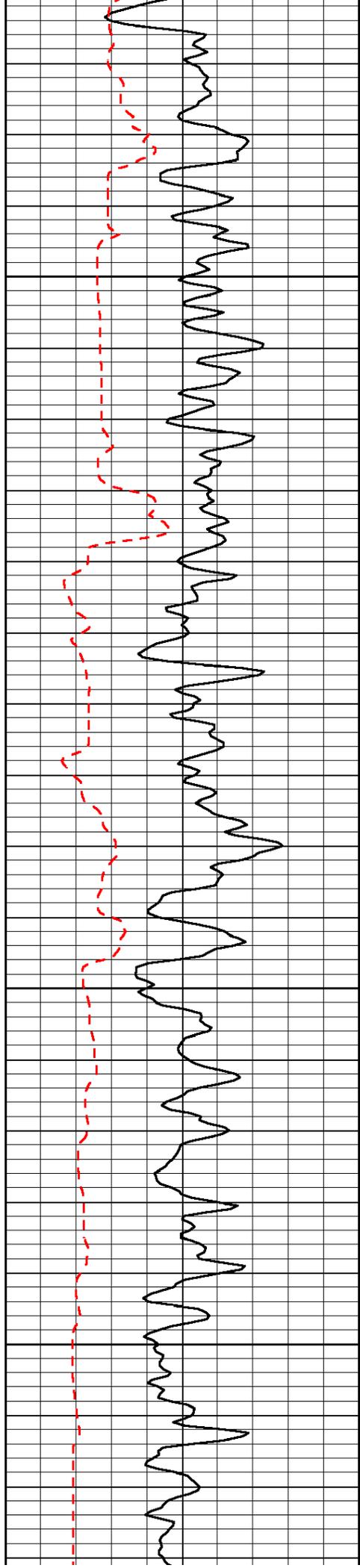


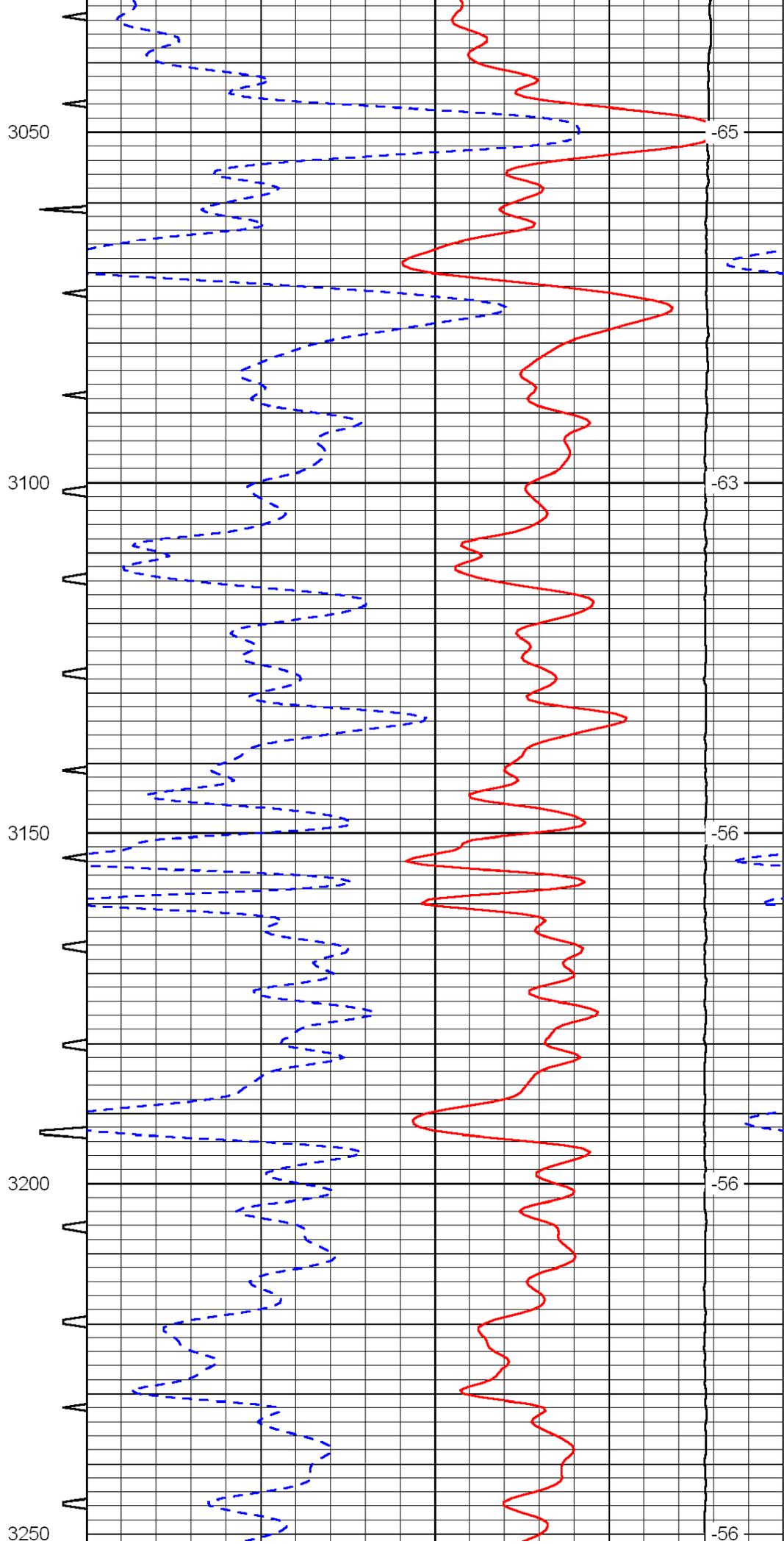
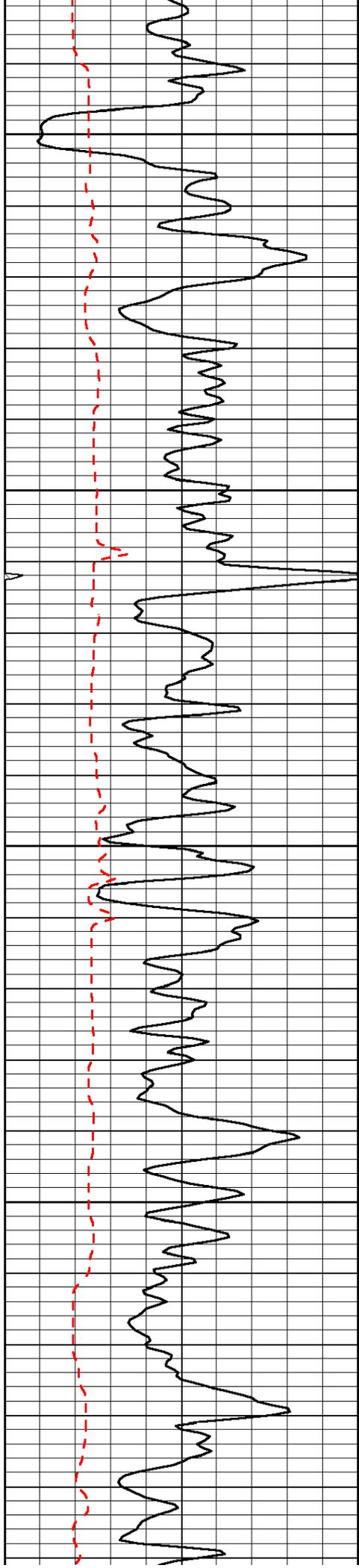


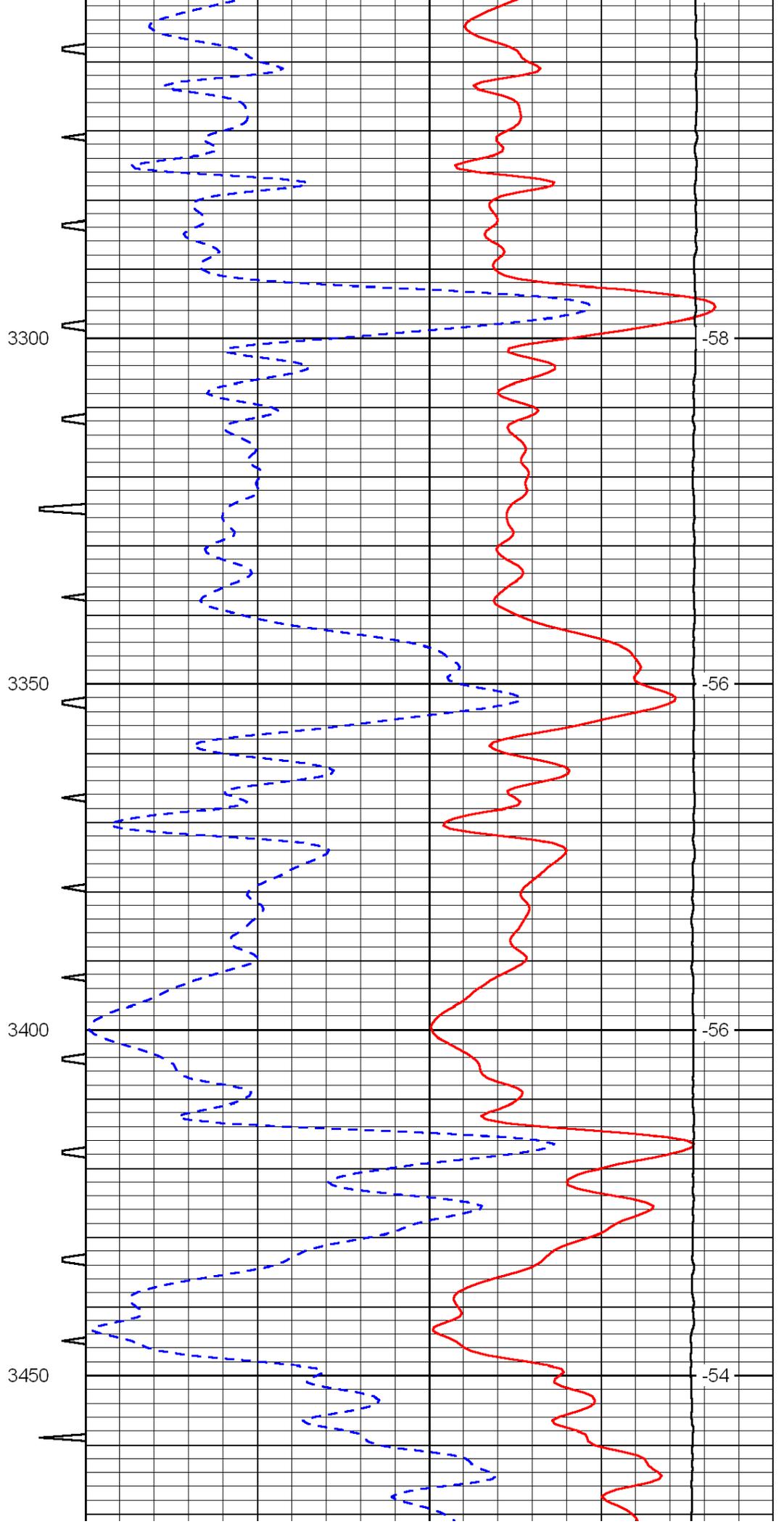
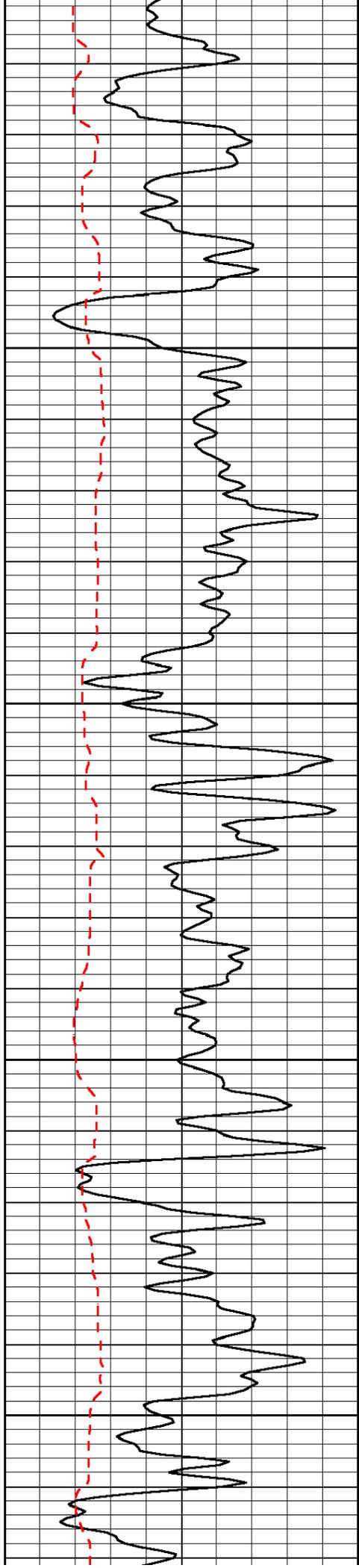


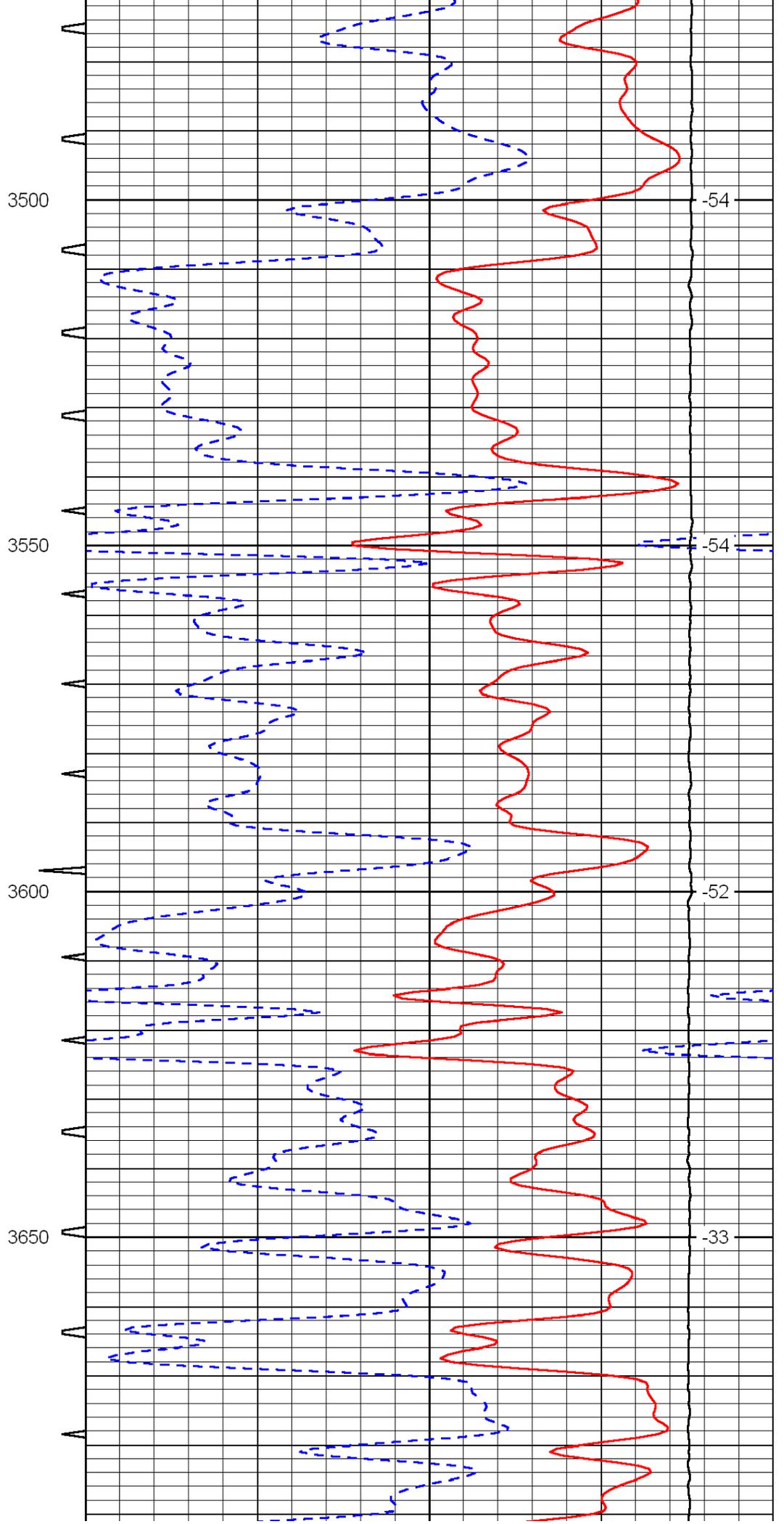
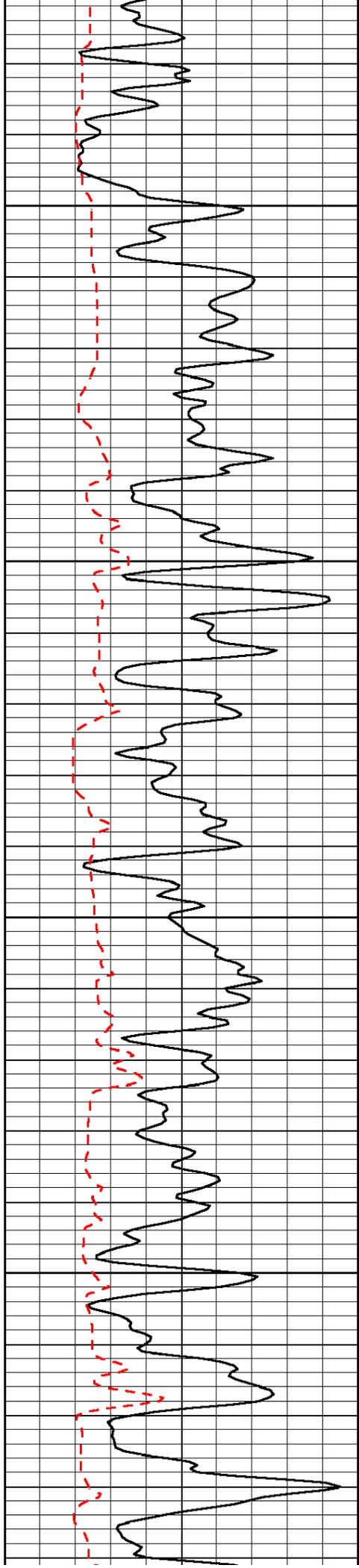


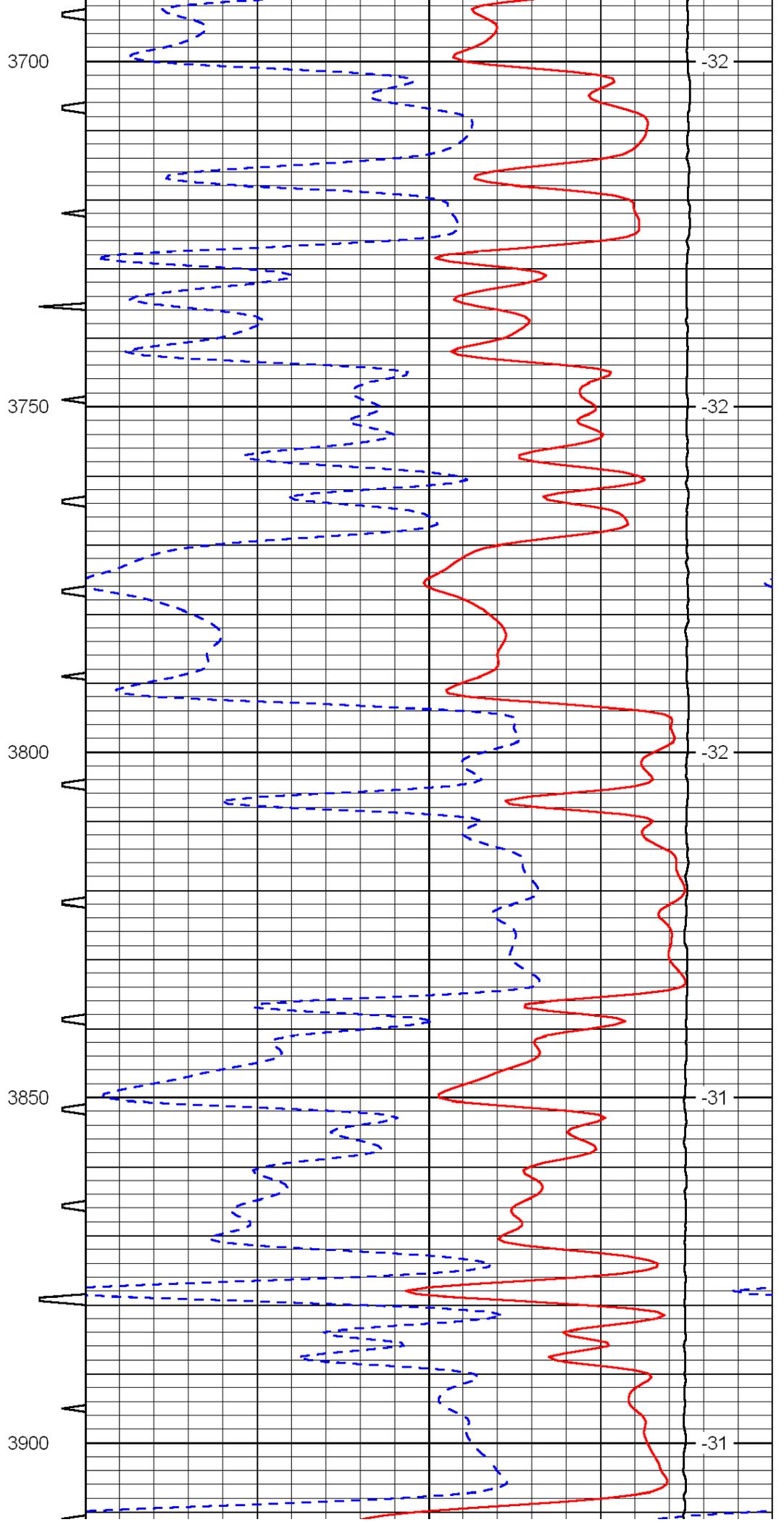
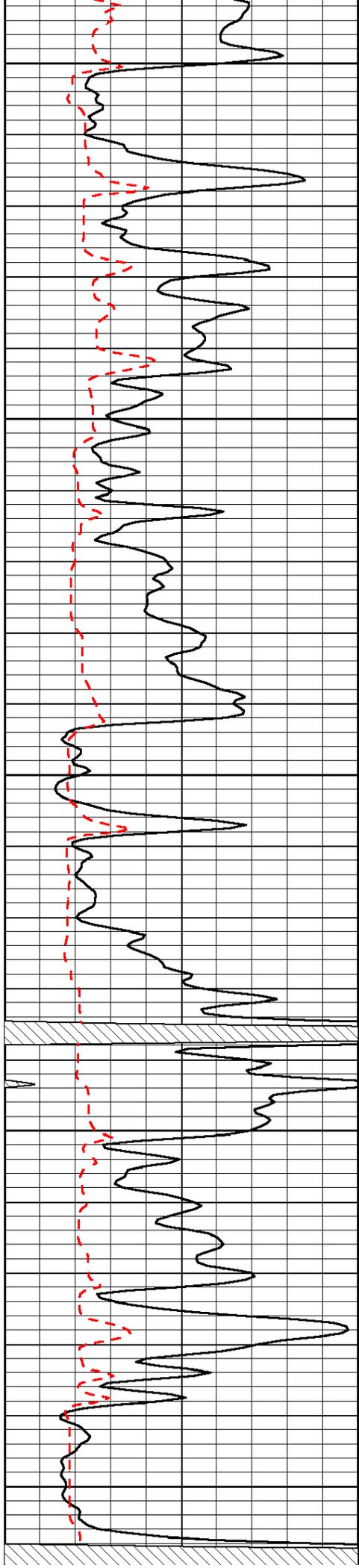


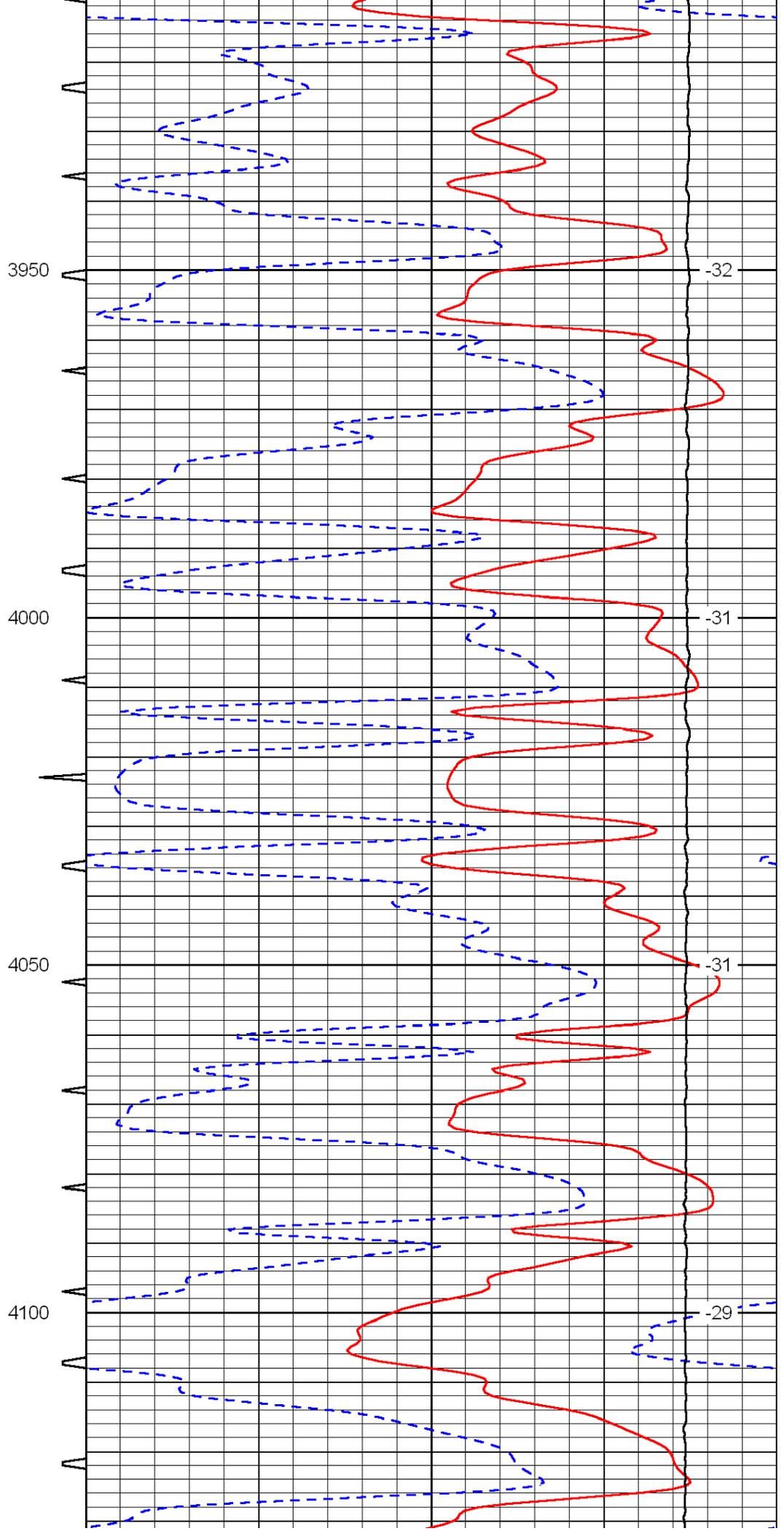
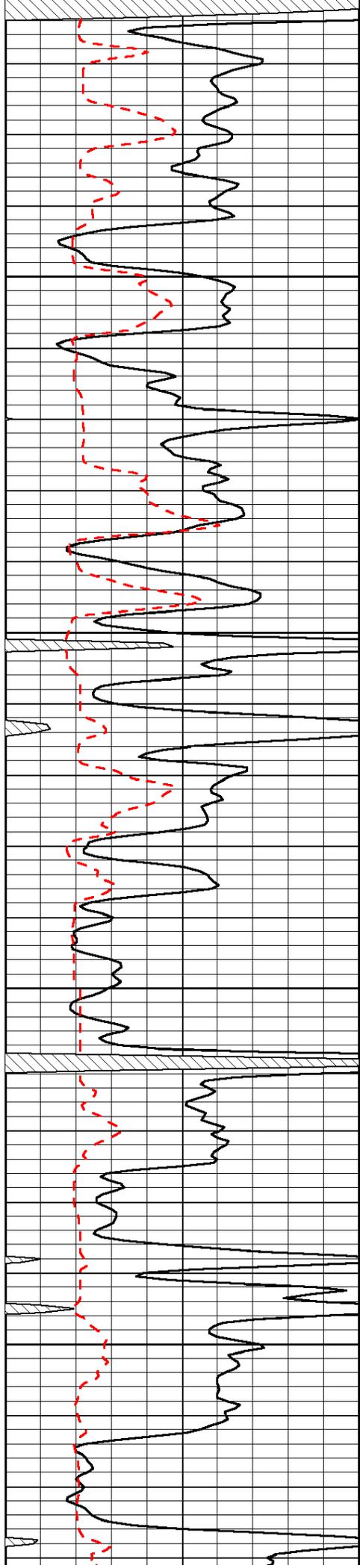


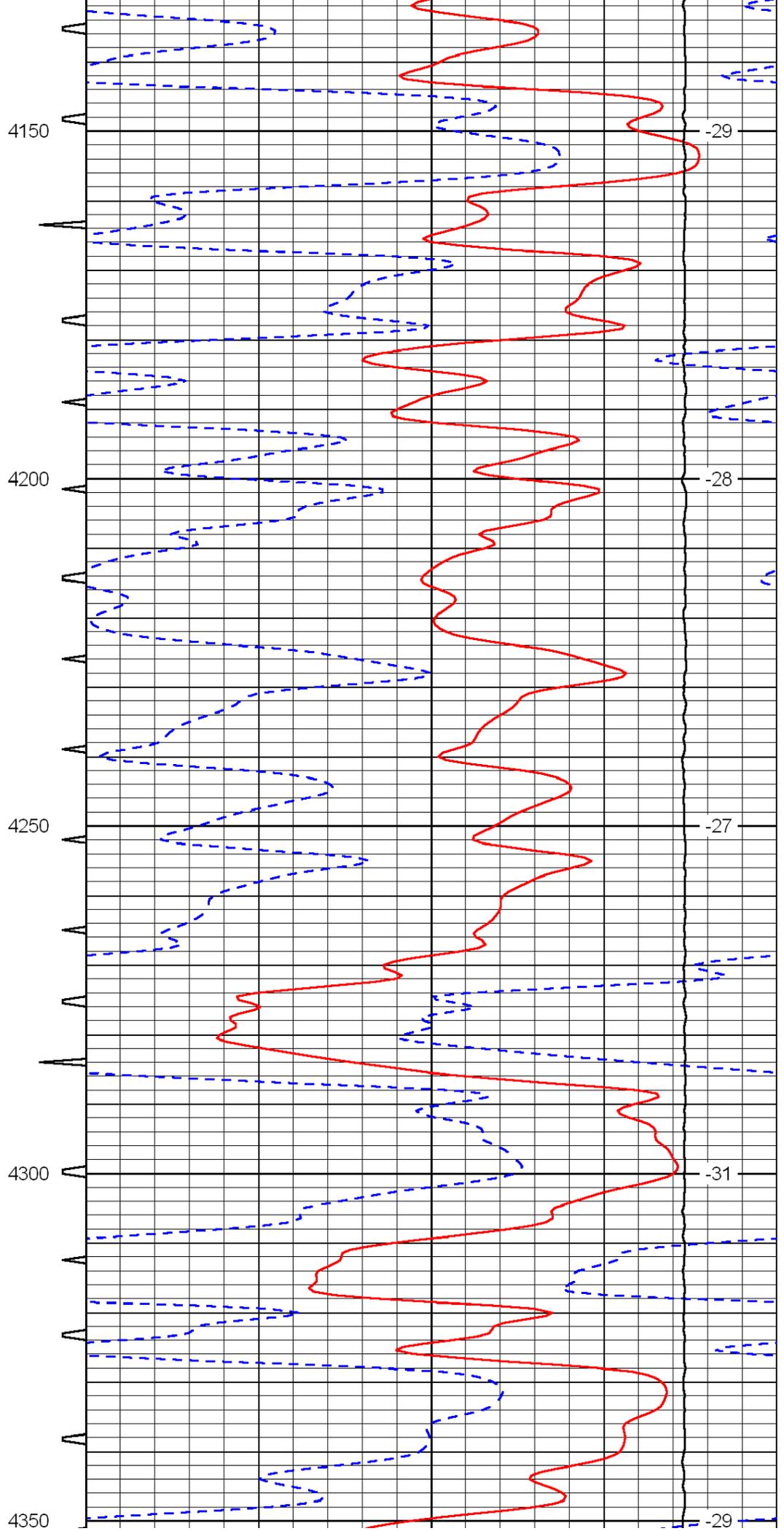
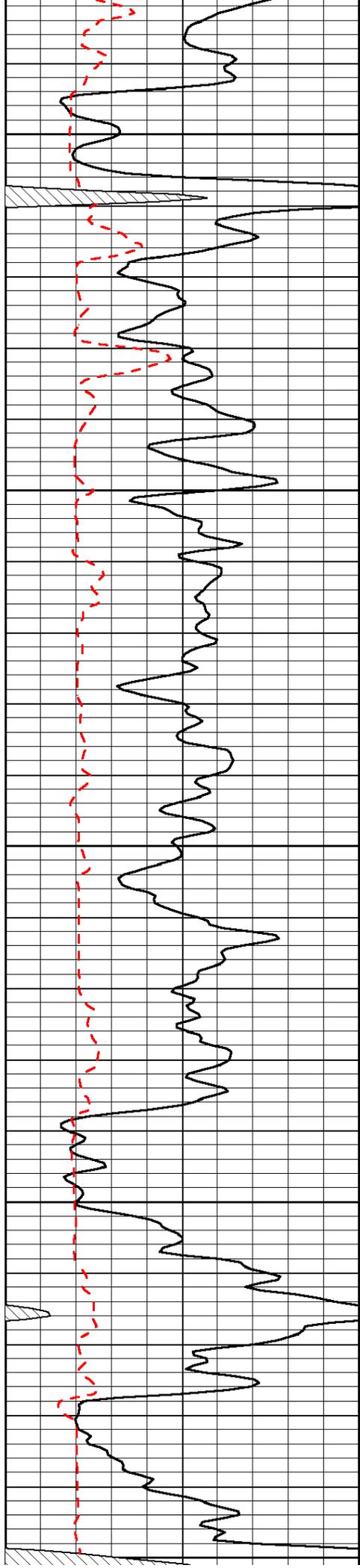


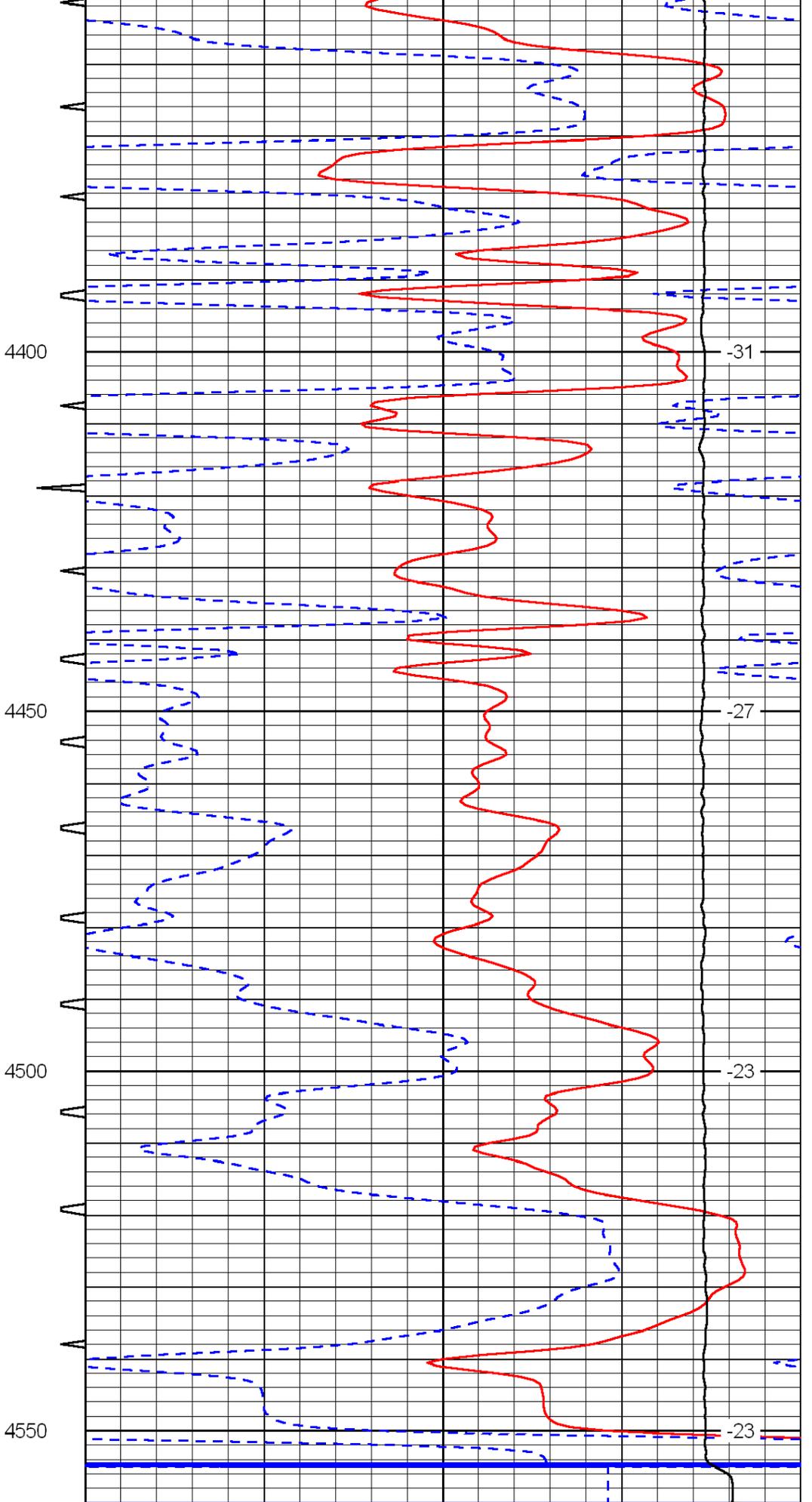
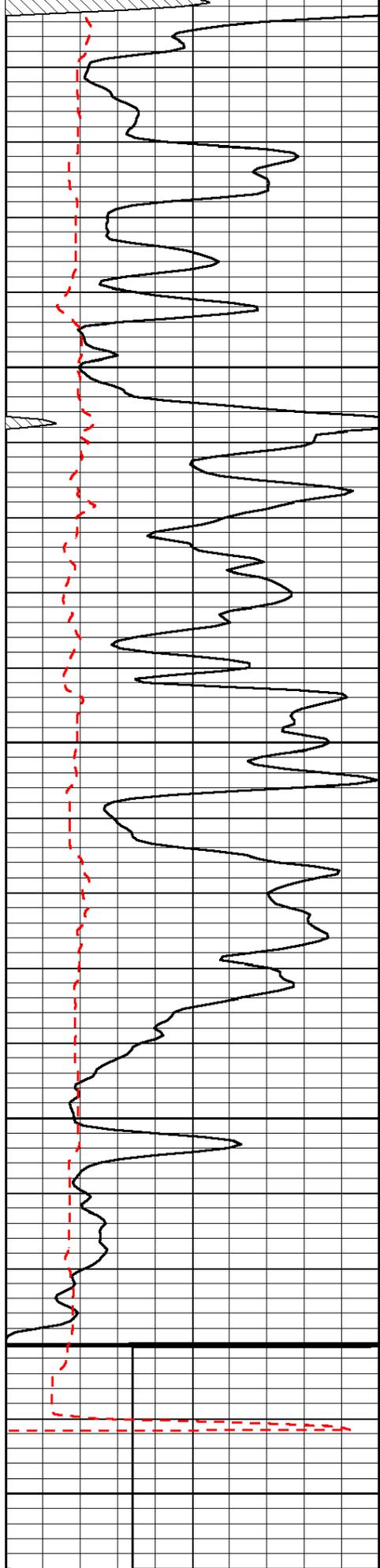












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Caliper (GAPI)

16

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