



**Borehole Compensated
Sonic Log**

DIGITAL LOG (785) 625-3858

API No. 15-039-21,085-00-00	Company Murfin Drilling Company, Inc.	Well Heilman No. 1-12	Field Wildcat	County Decatur	State Kansas
Location 750' FNL & 370' FWL	Sec: 12	Twp: 3 S	Rge: 27 W	Other Services CNL/CDL MEL/DIL	
Permanent Datum Log Measured From Drilling Measured From	Ground Level Kelly Bushing Kelly Bushing	Elevation 5 Ft. Above Perm. Datum	Elevation K.B. 2658 D.F. G.L. 2653		

Date	1/27/2009
Run Number	Two
Type Log	BHC Sonic
Depth Driller	3890
Depth Logger	3890
Bottom Logged Interval	3879
Top Logged Interval	250
Type Fluid In Hole	Chemical
Salinity, PPM CL	2,300
Density	9.1
Level	Full
Max. Rec. Temp. F	116
Operating Rig Time	5 1/2 Hours
Equipment -- Location	4 Hays
Recorded By	K. Bange
Witnessed By	Paul Gunzelman

Run No	Bit	Borehole Record		Casing Record	
		From	To	From	To
1	12.25	00	260	8.625	24#
2	7.875	260	3890		

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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

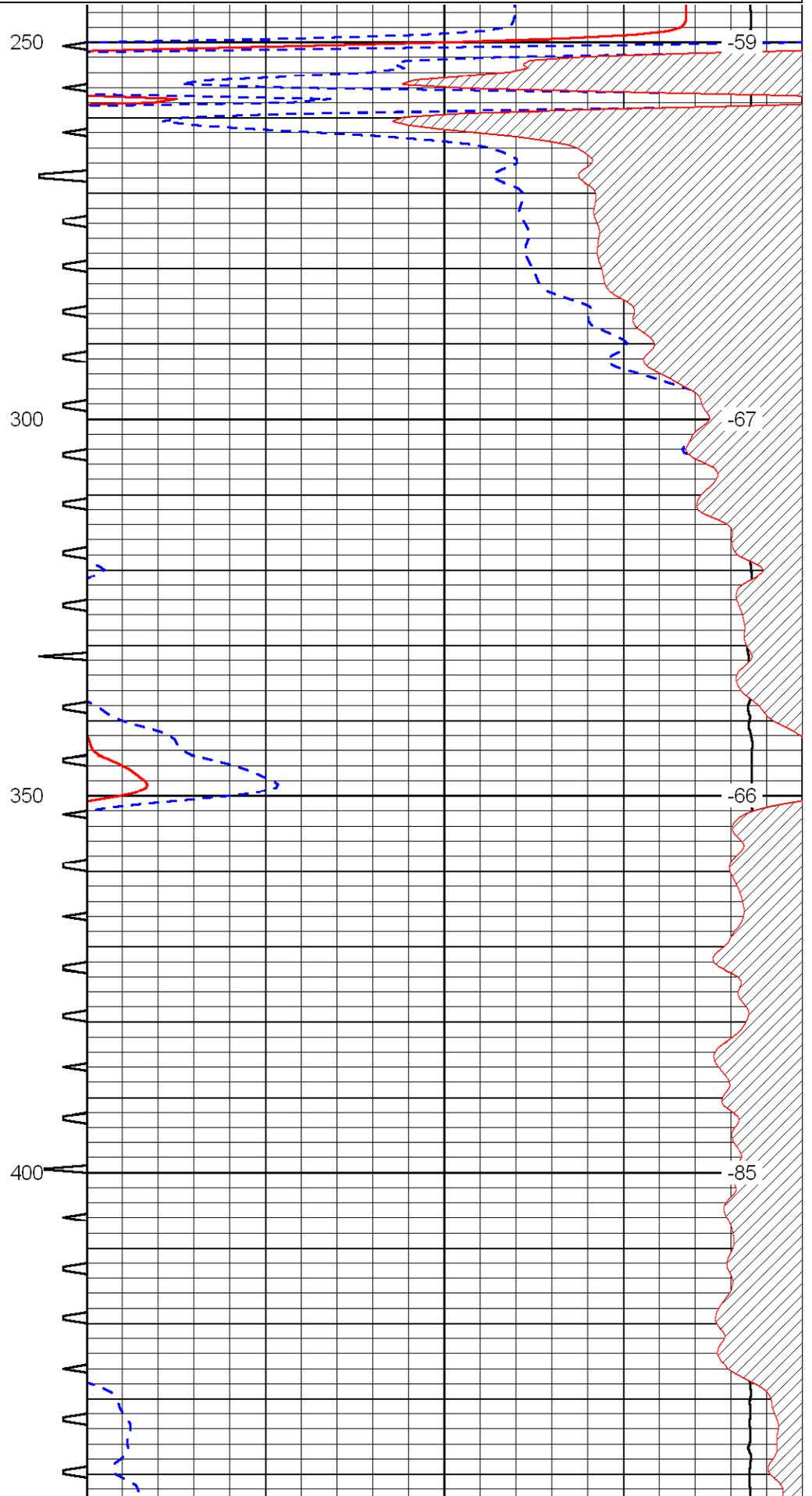
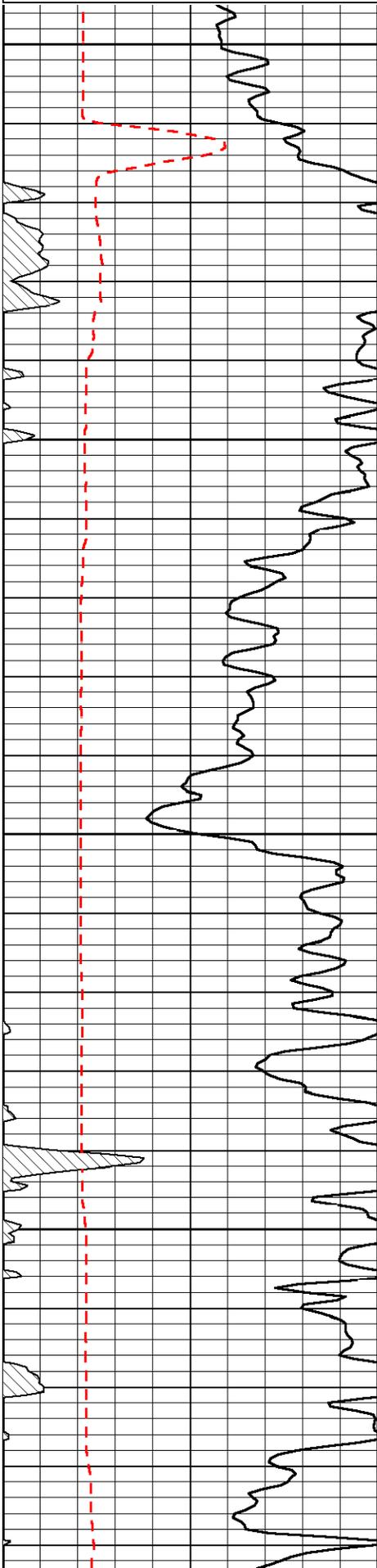
Thank you for using Log-Tech, Inc.
(785) 625-3858

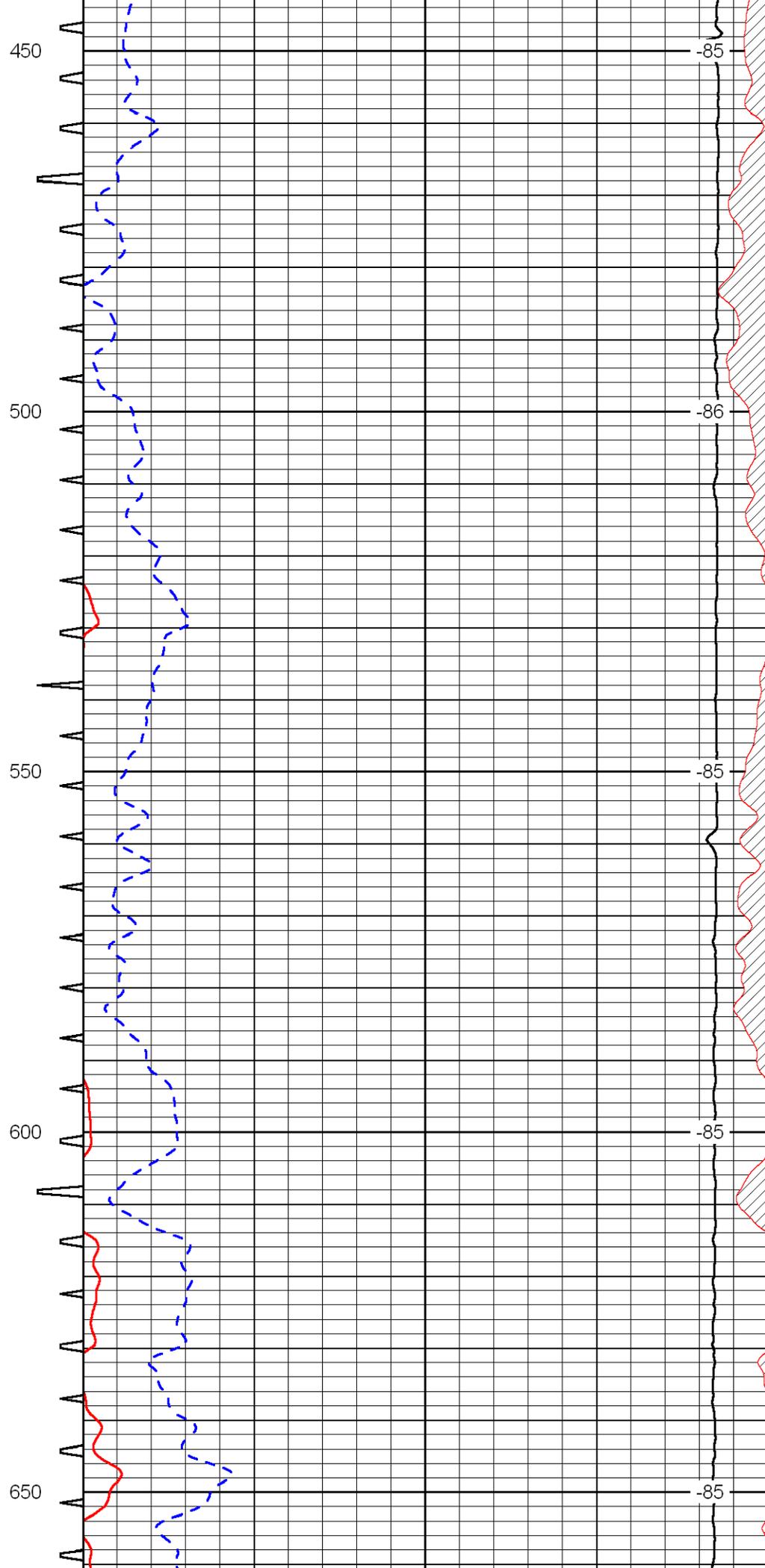
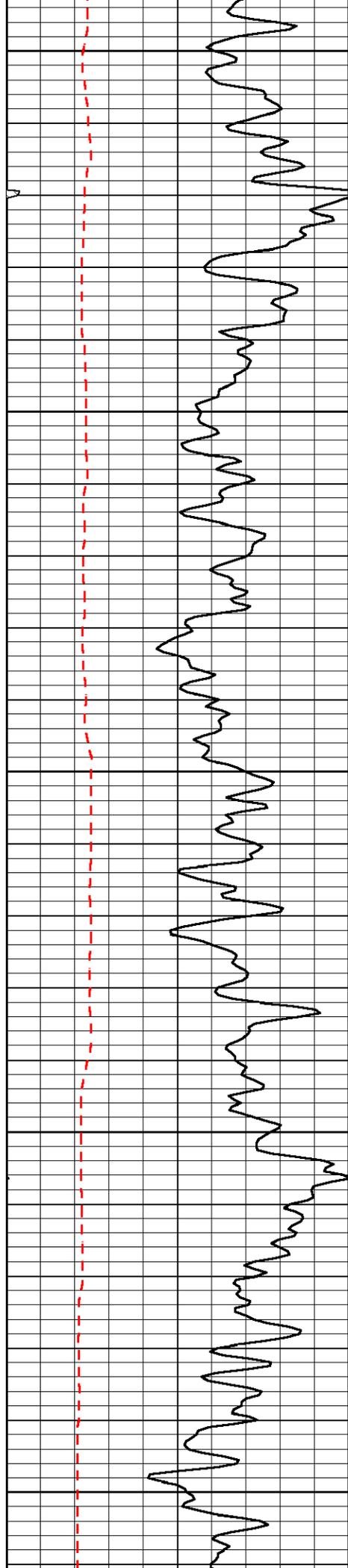
Oberlin, E 12 on Hwy to rd 12E, S 1 1/4, E into

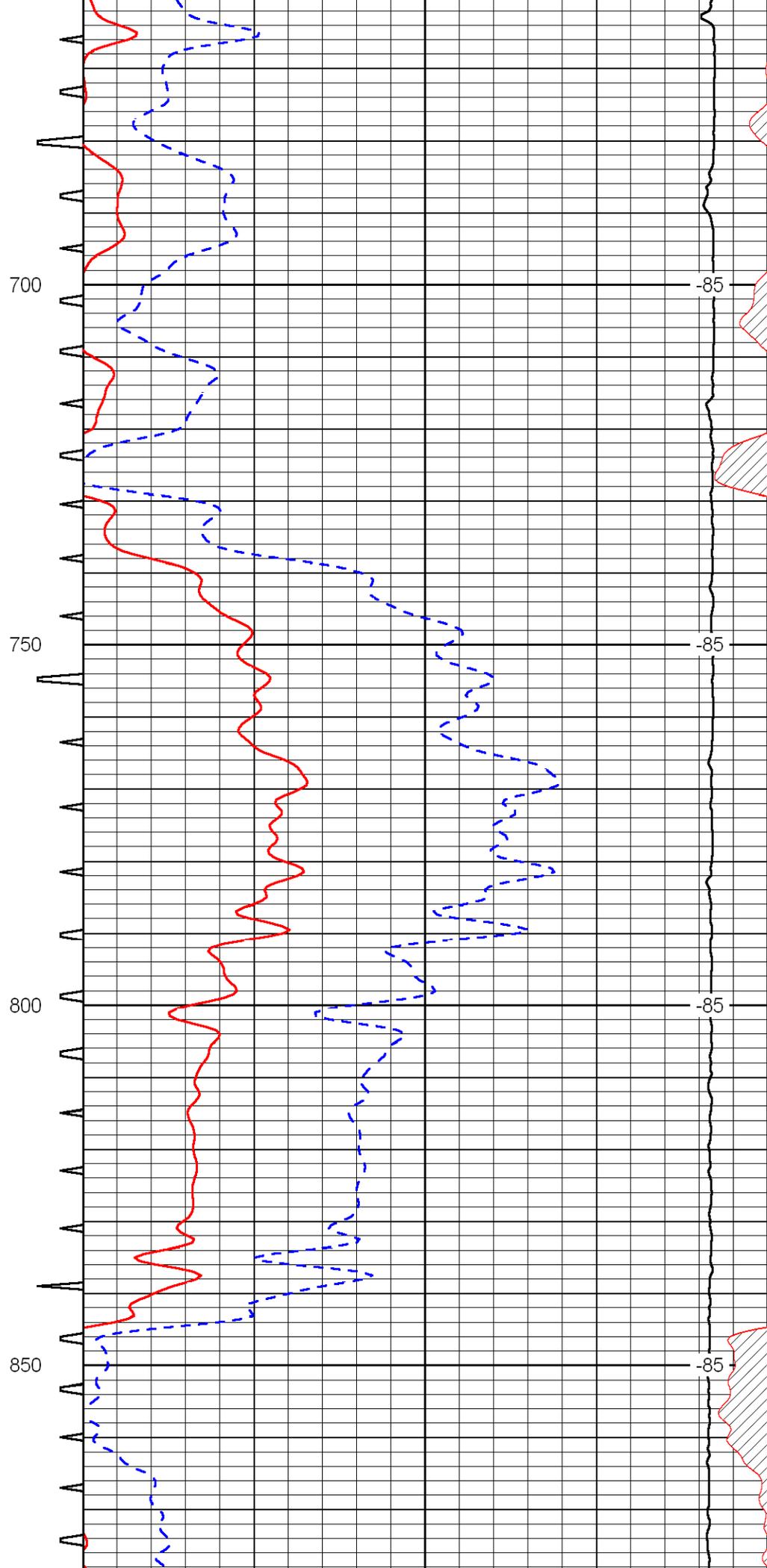
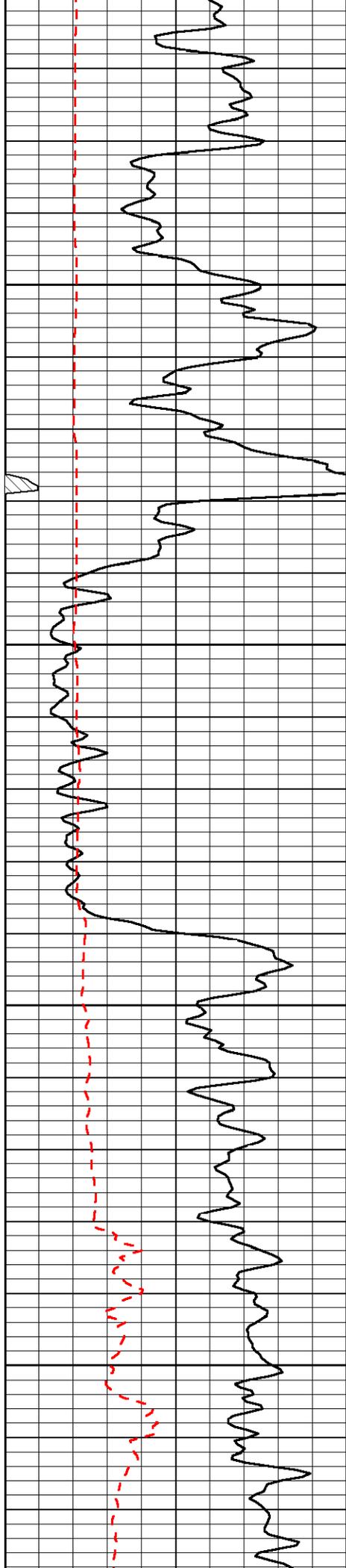
Database File: c:\warrior\data\murfin_heilman no. 1-12\murfinhd.db
 Dataset Pathname: dil/murf2in
 Presentation Format: sonic
 Dataset Creation: Tue Jan 27 08:29:42 2009
 Charted by: Depth in Feet scaled 1:240

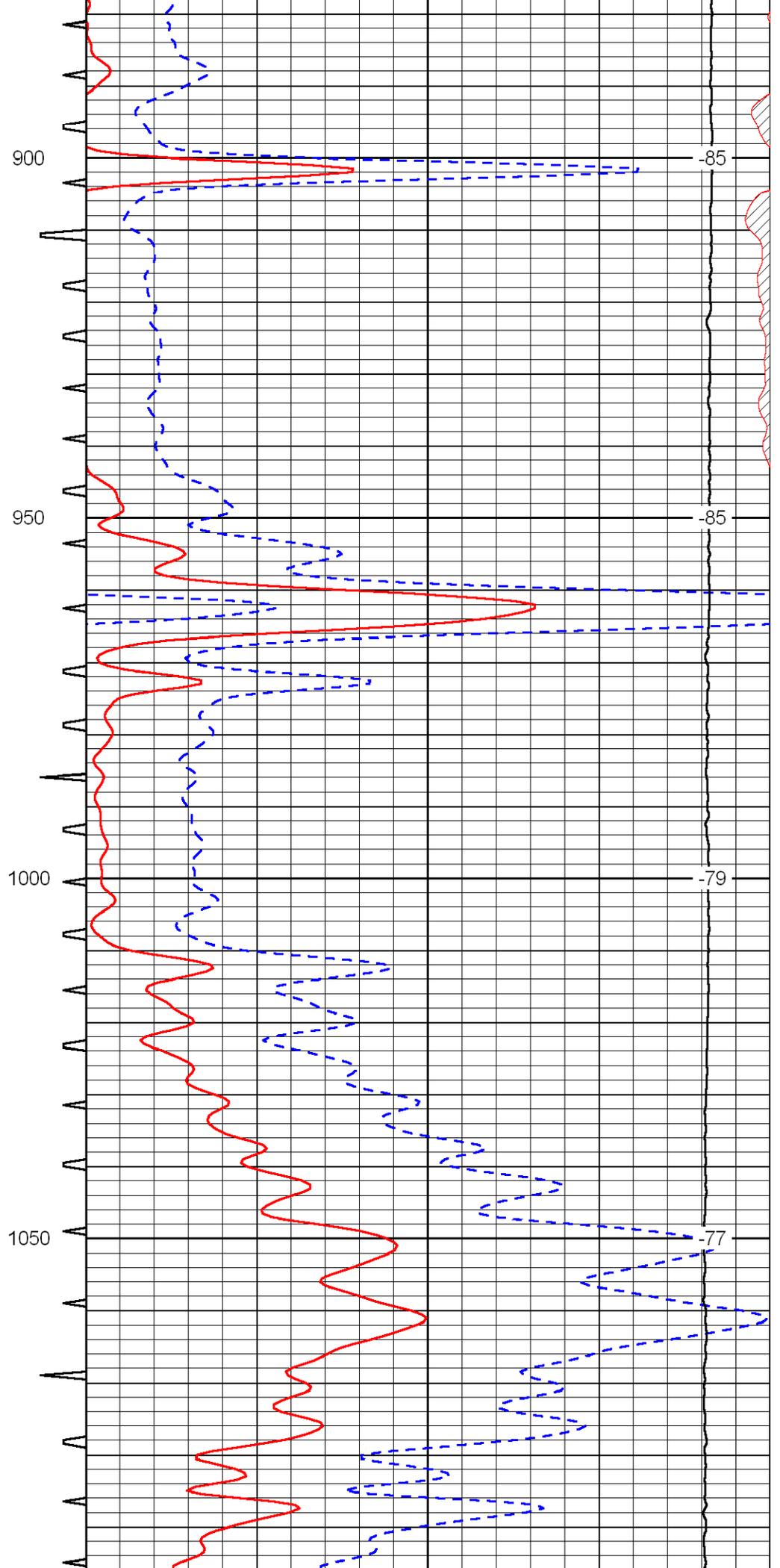
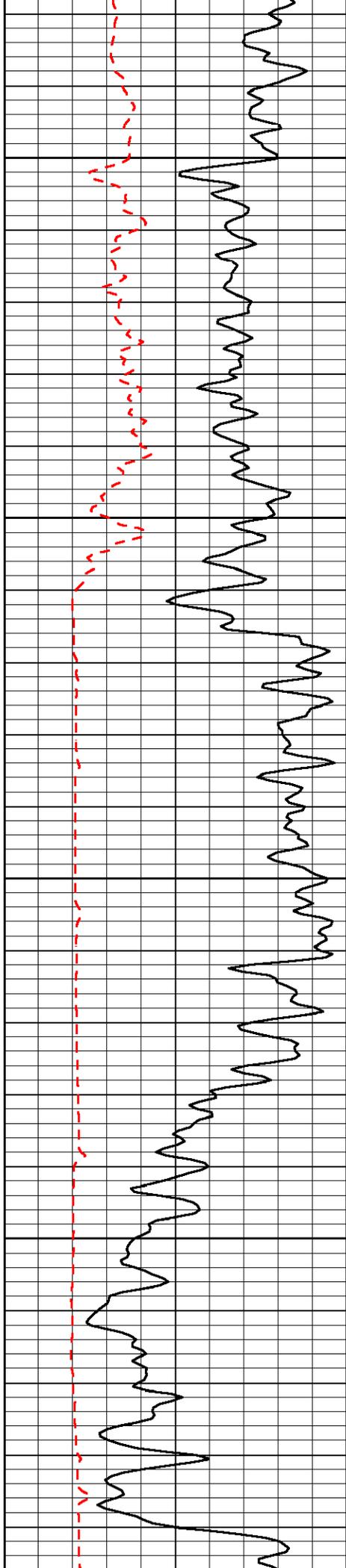
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150	Gamma Ray	300	5	0	SPOR	-10
6	Caliper (GAPI)	16		10000	LTEN (lb)	0

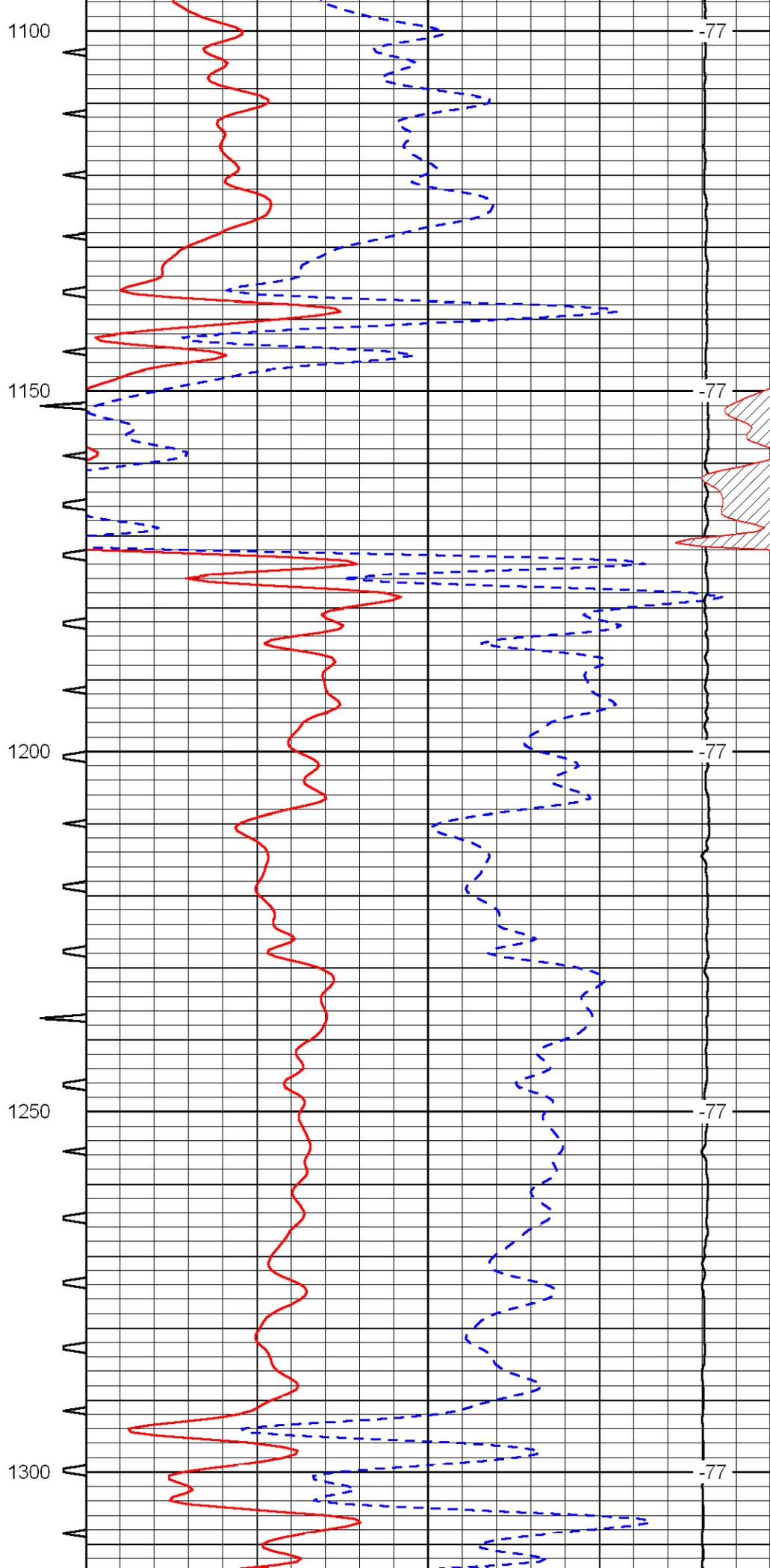
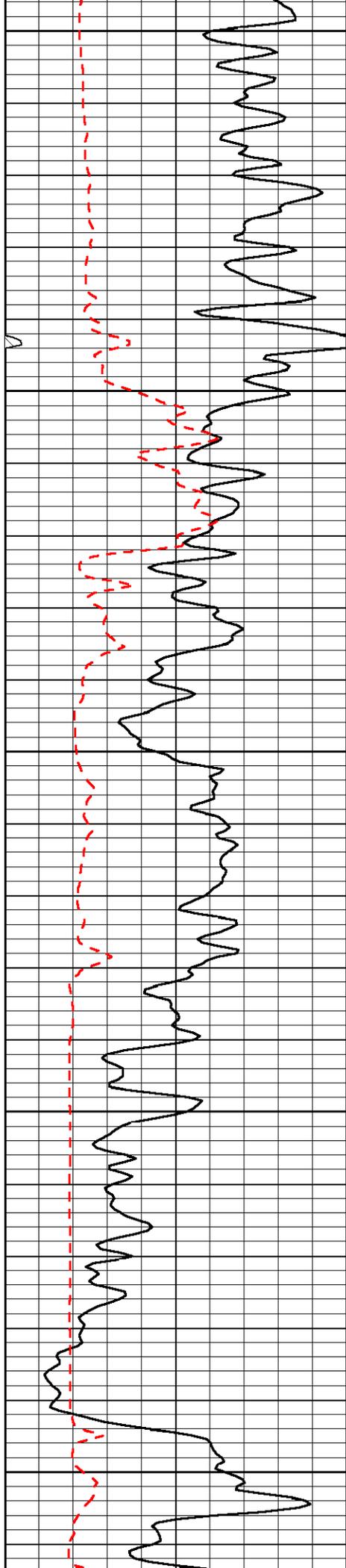
LSPD

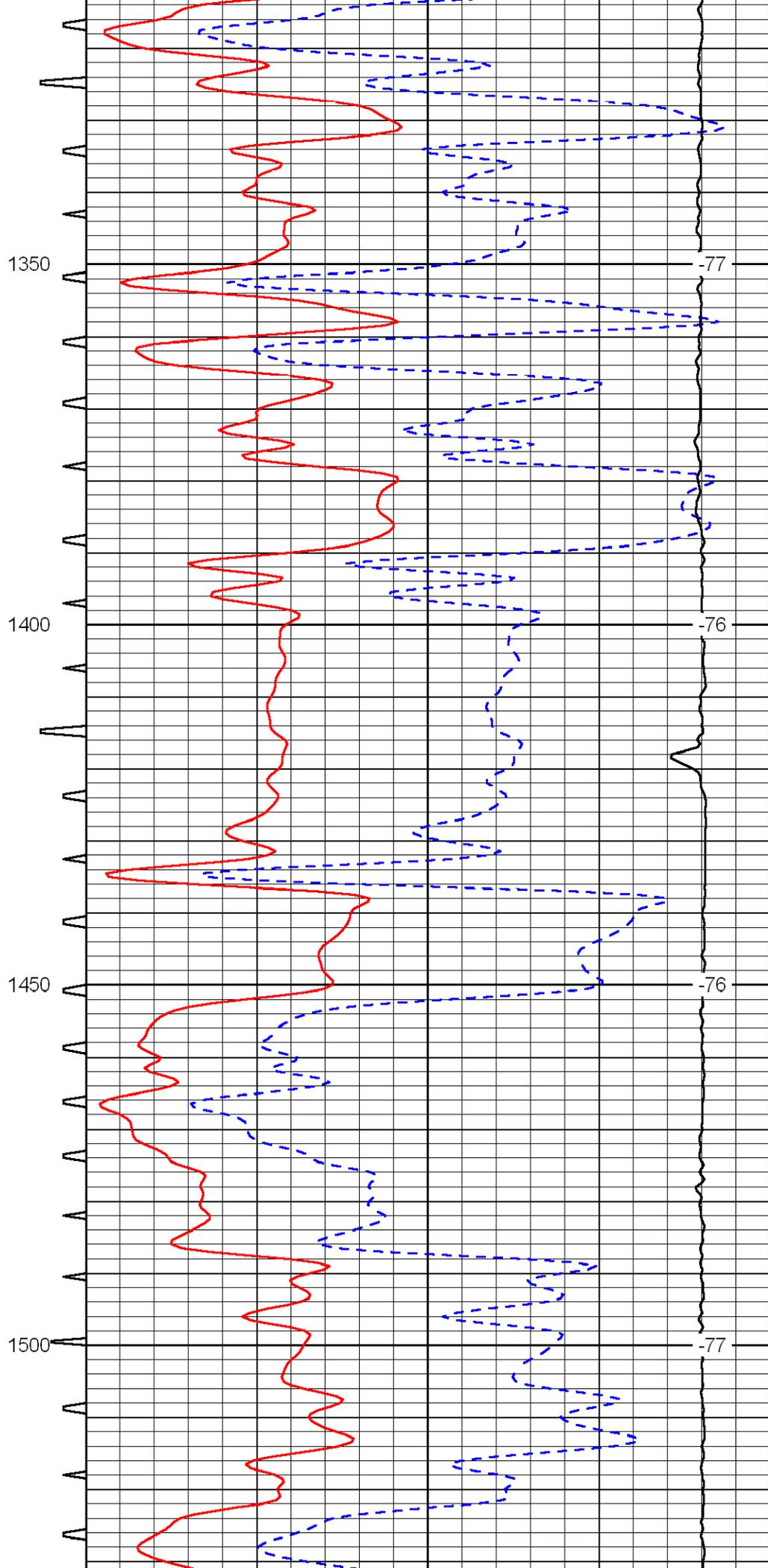
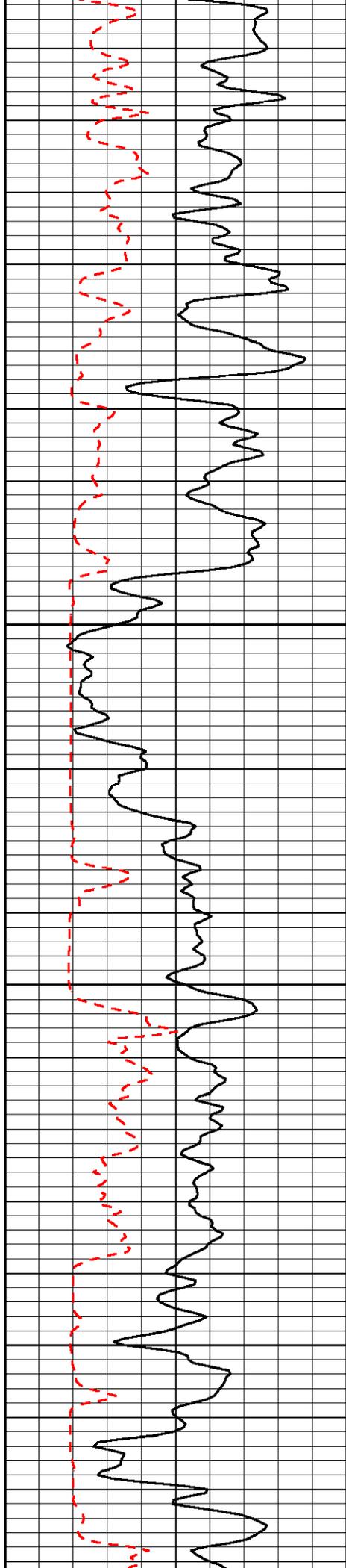


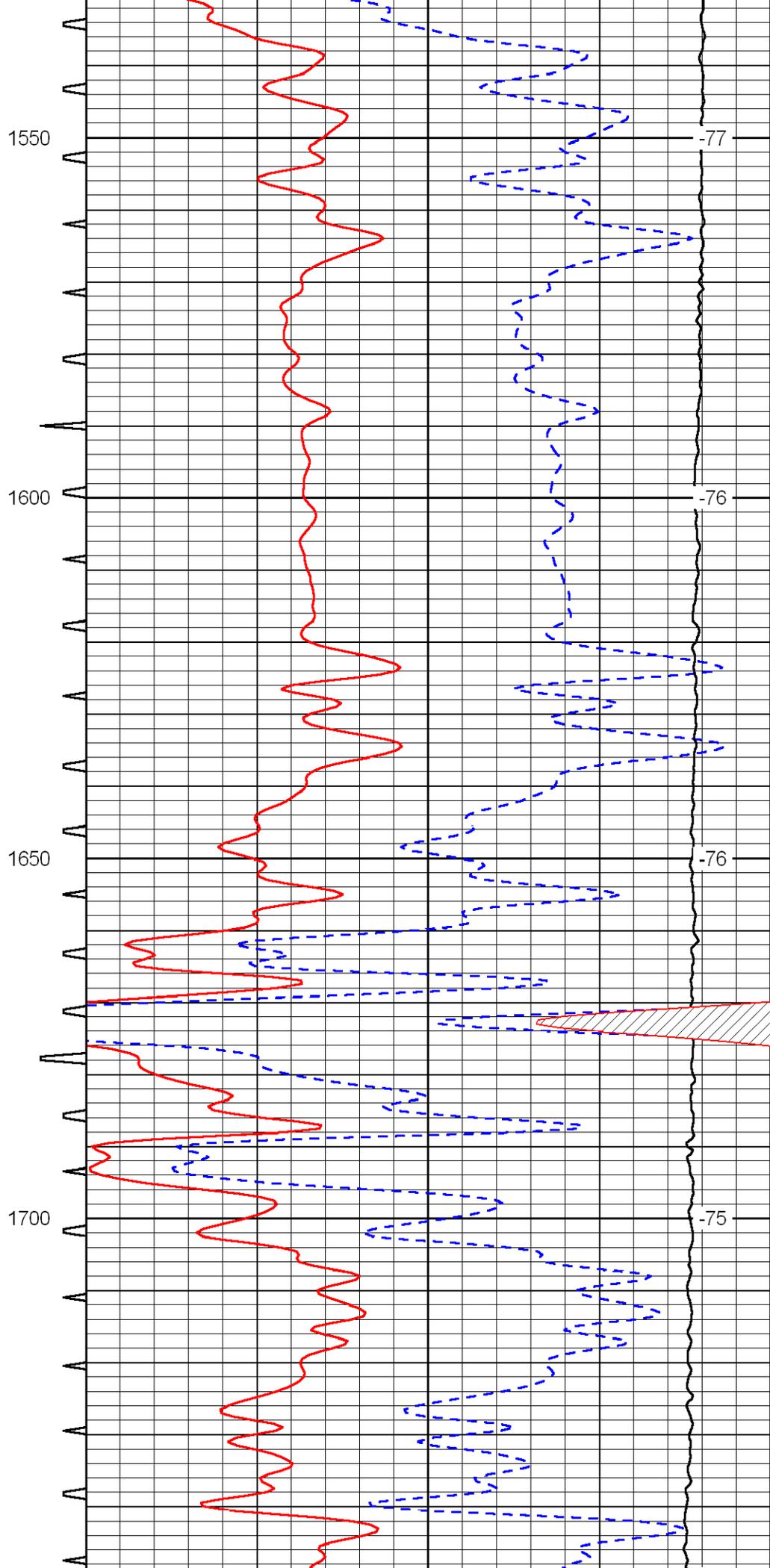
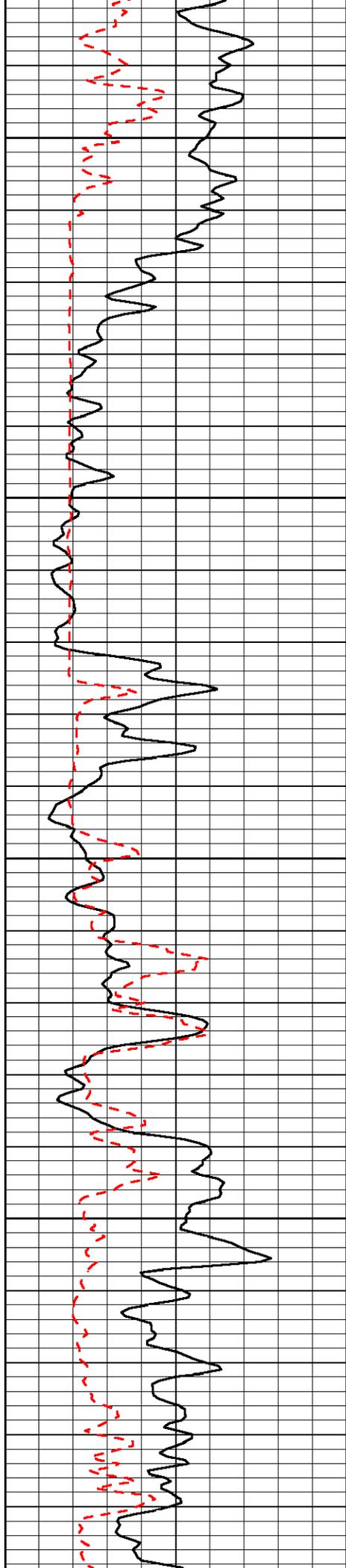


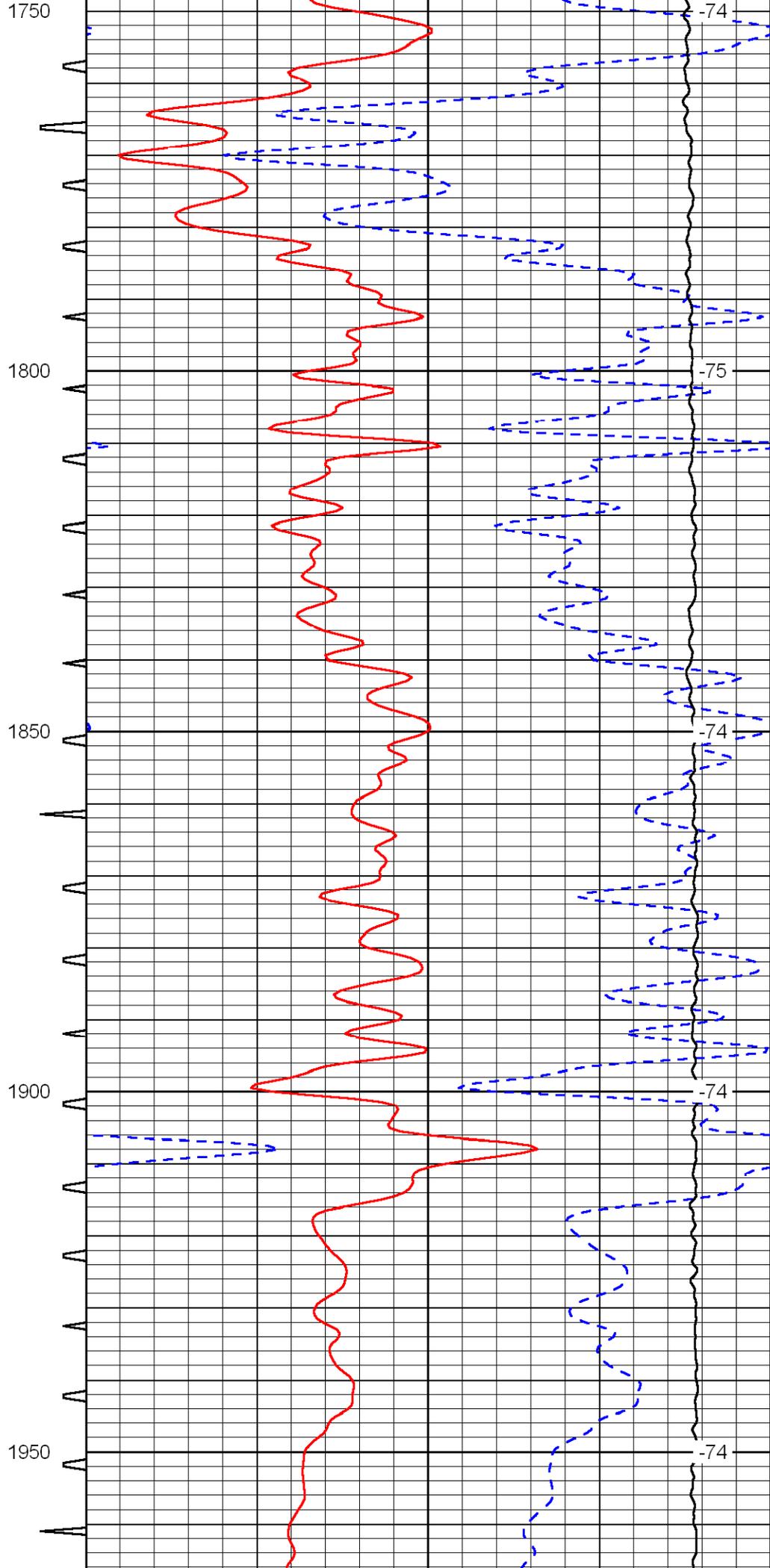
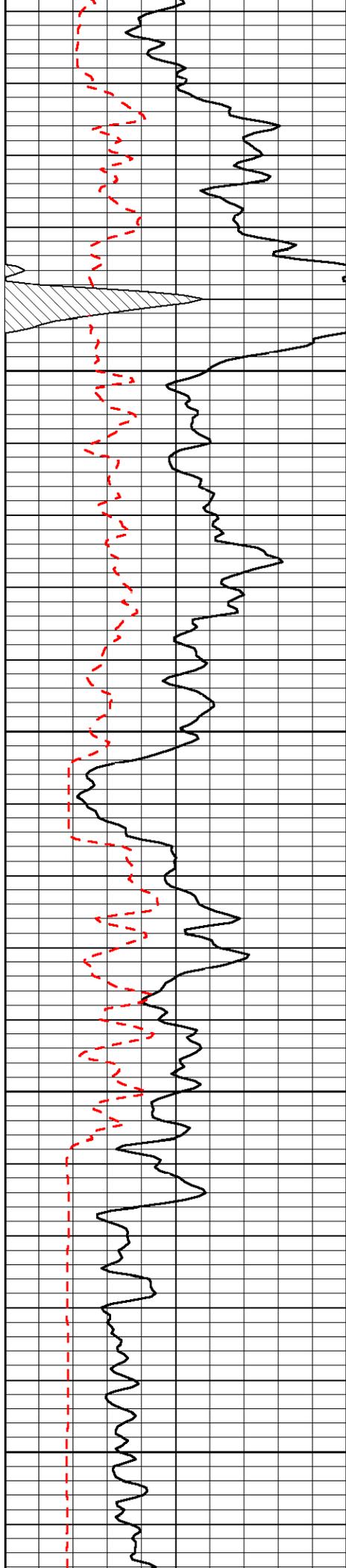


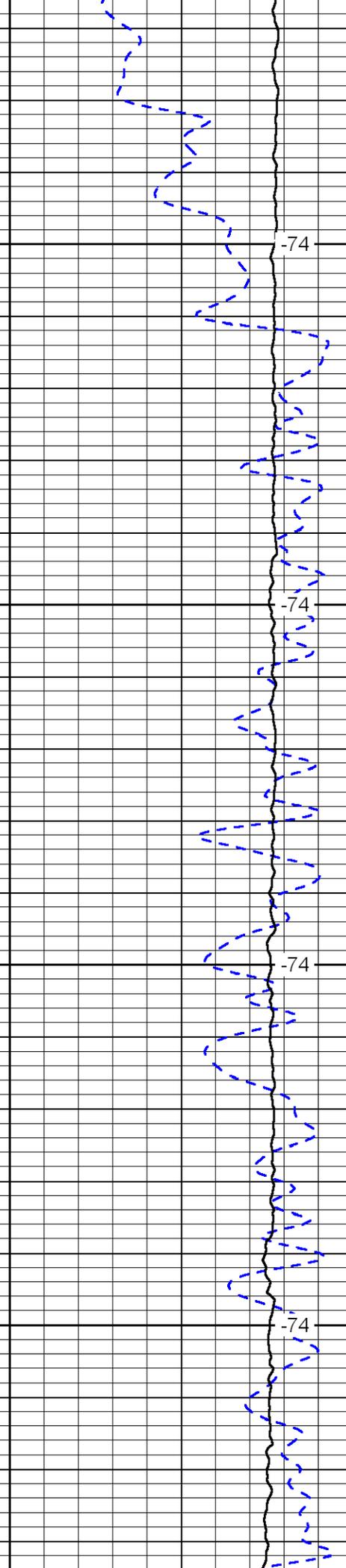
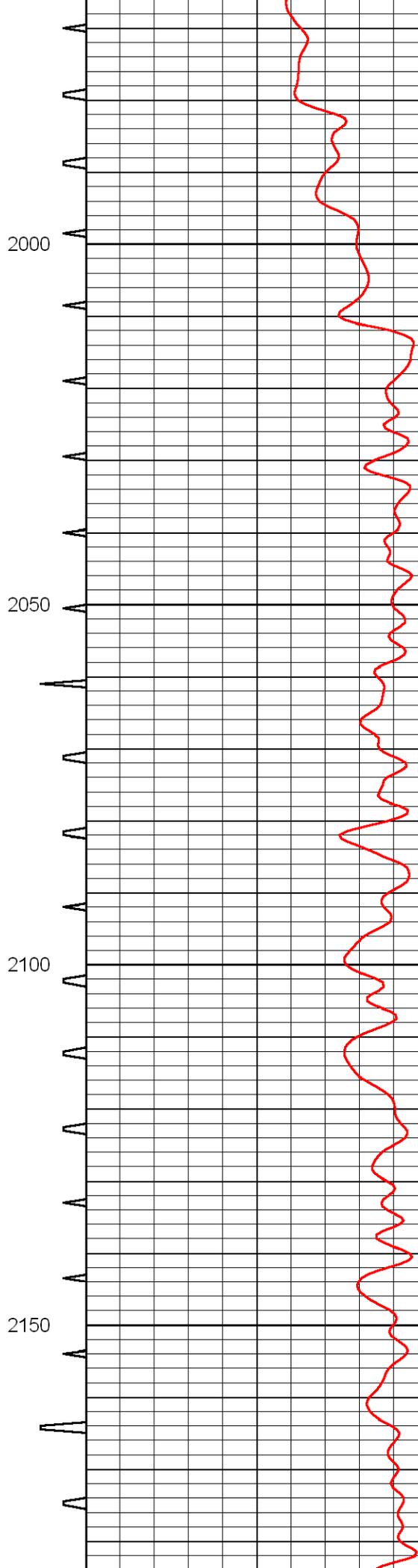
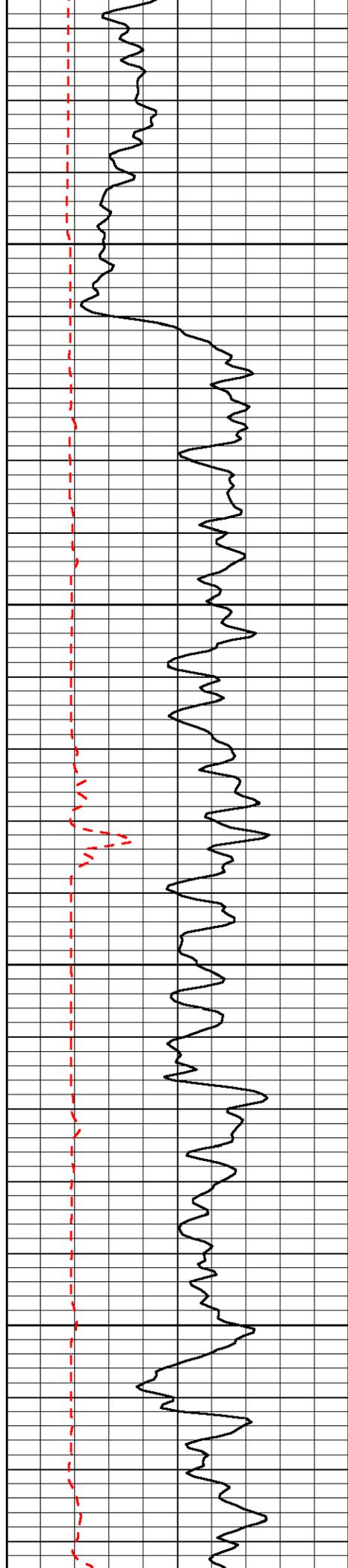


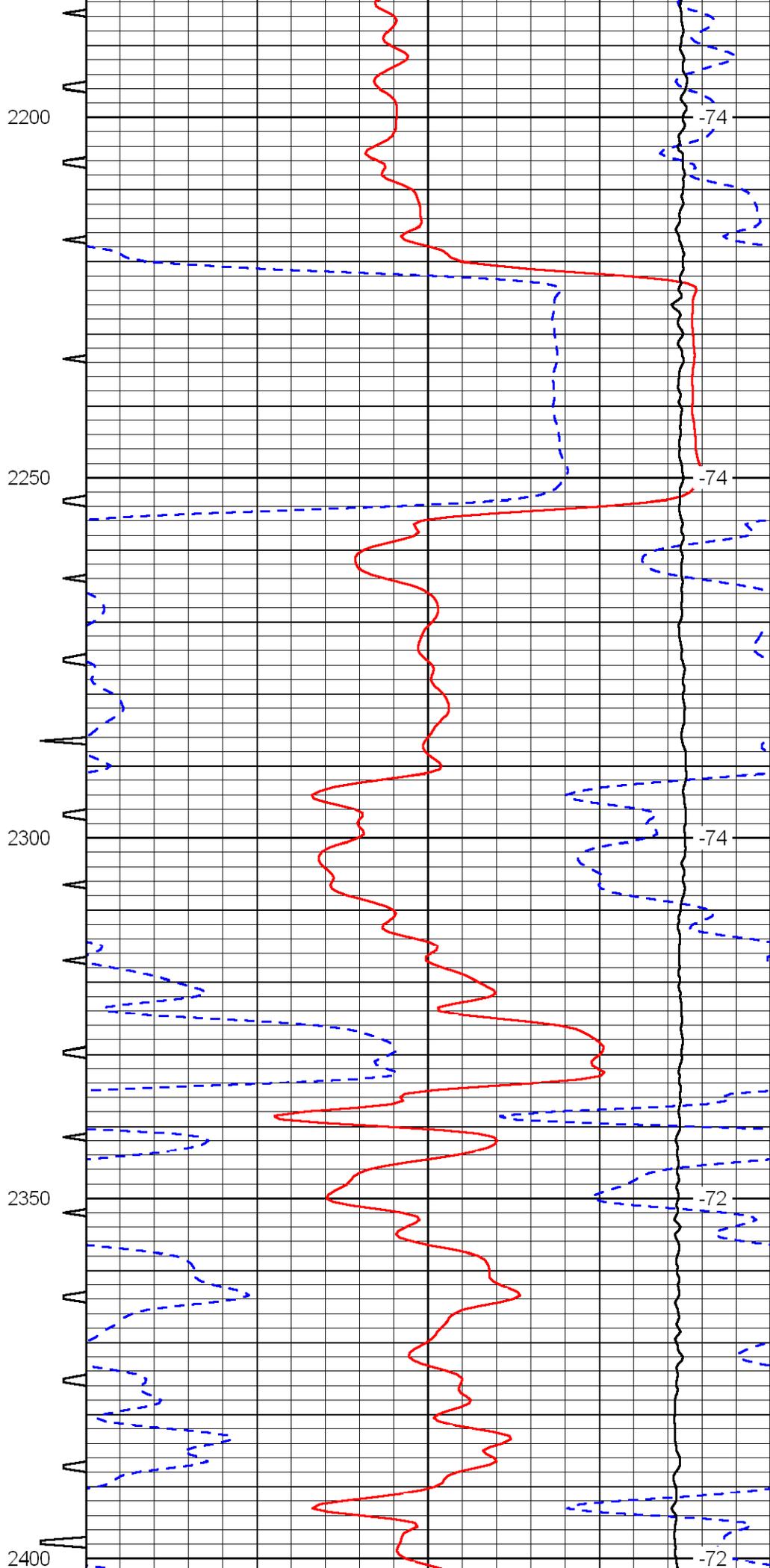
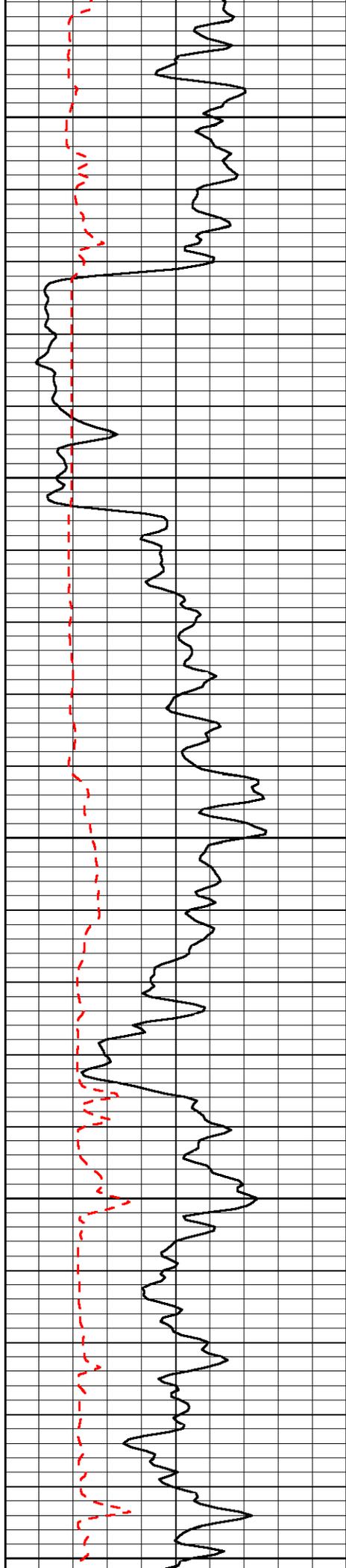


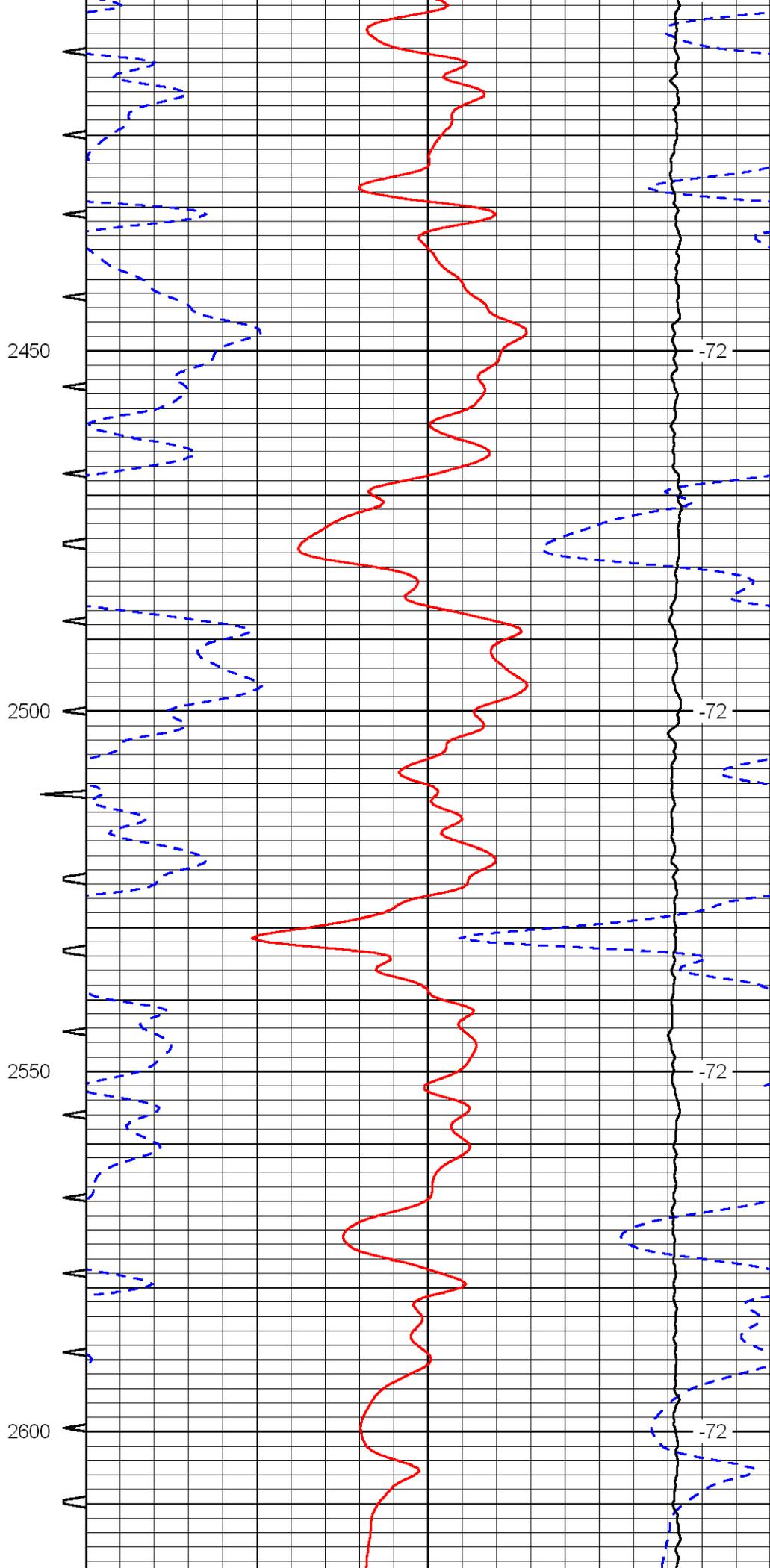
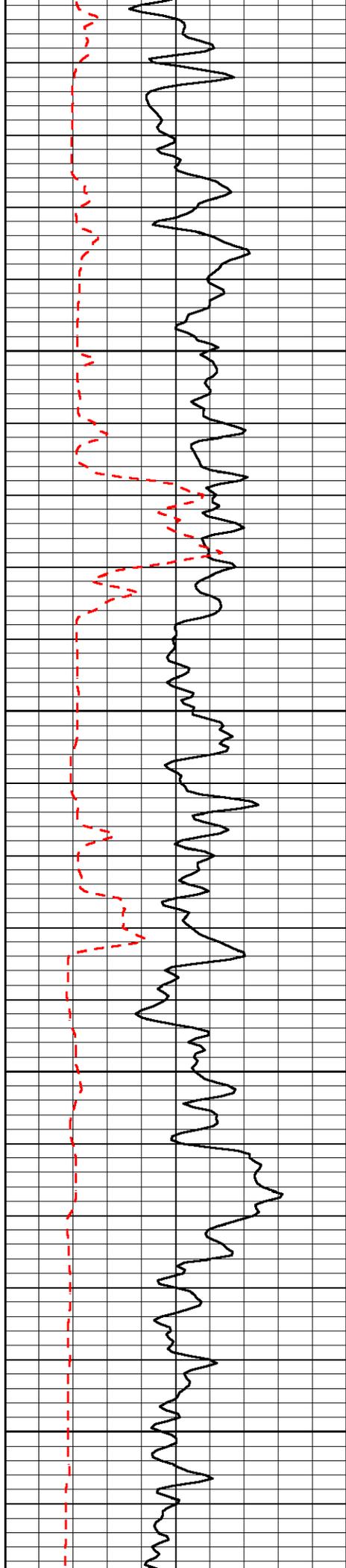


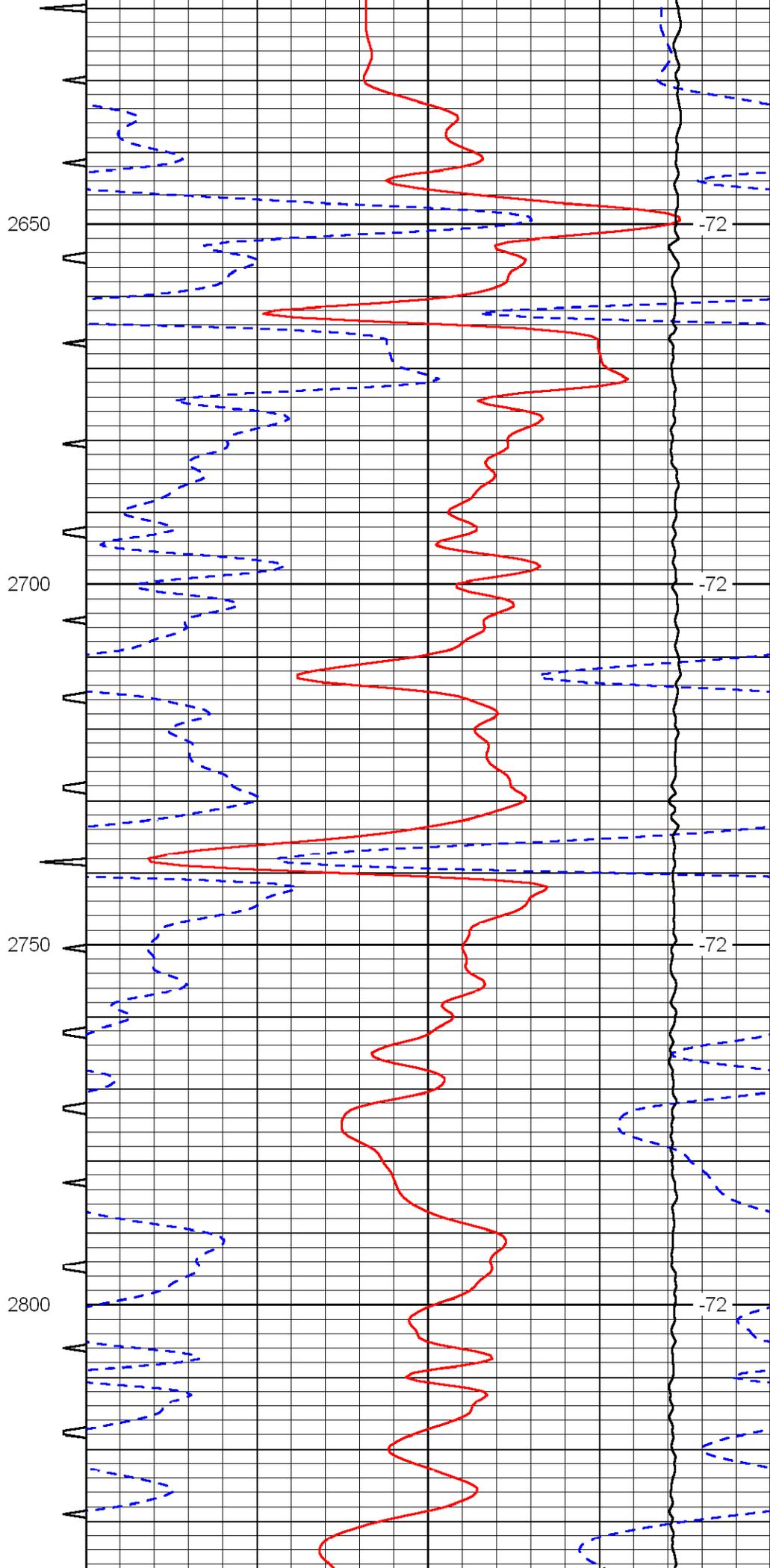
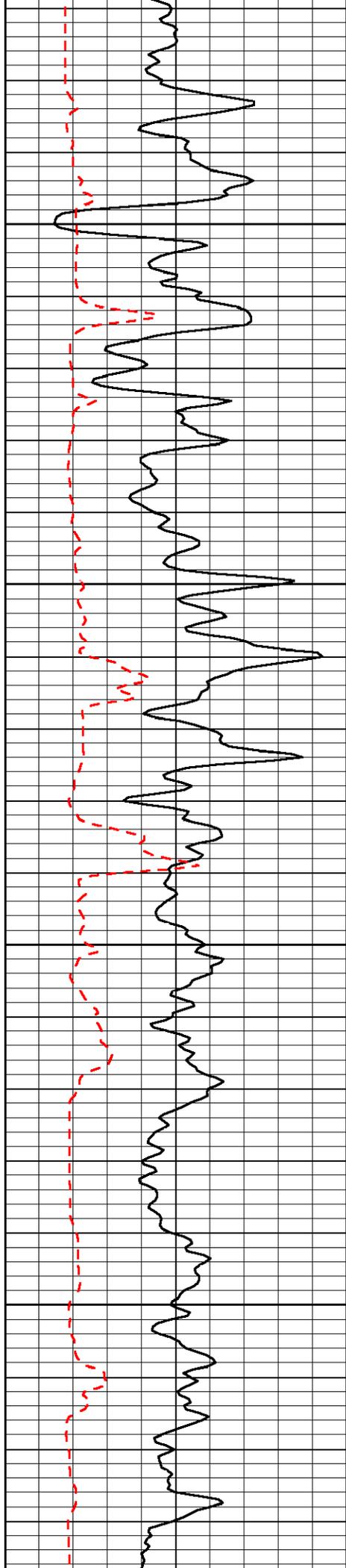


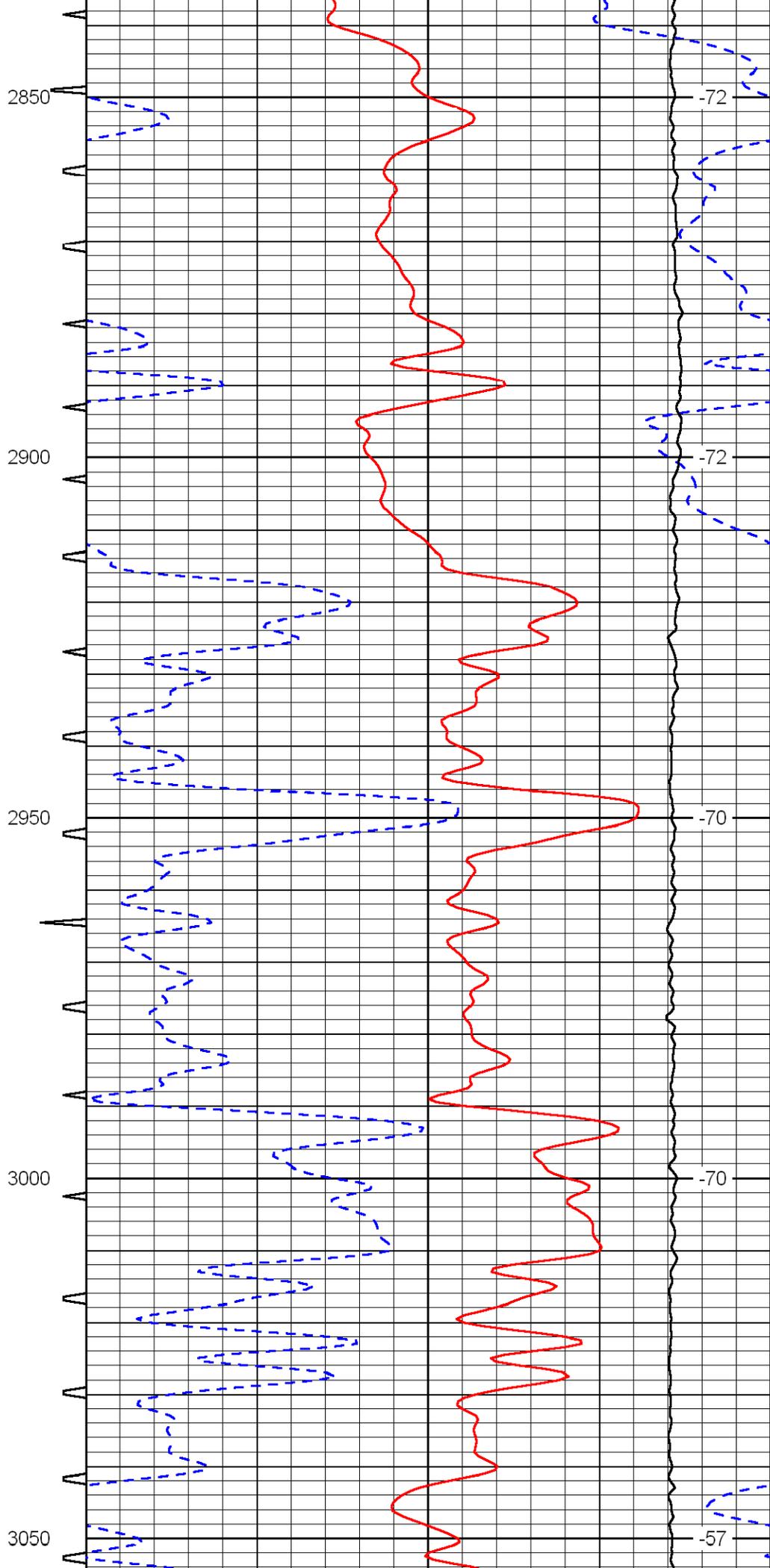
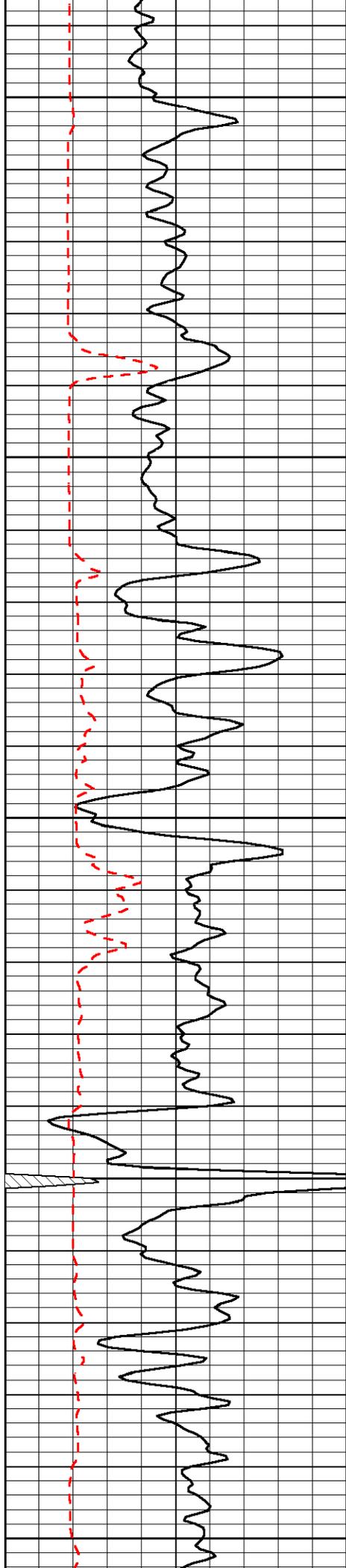


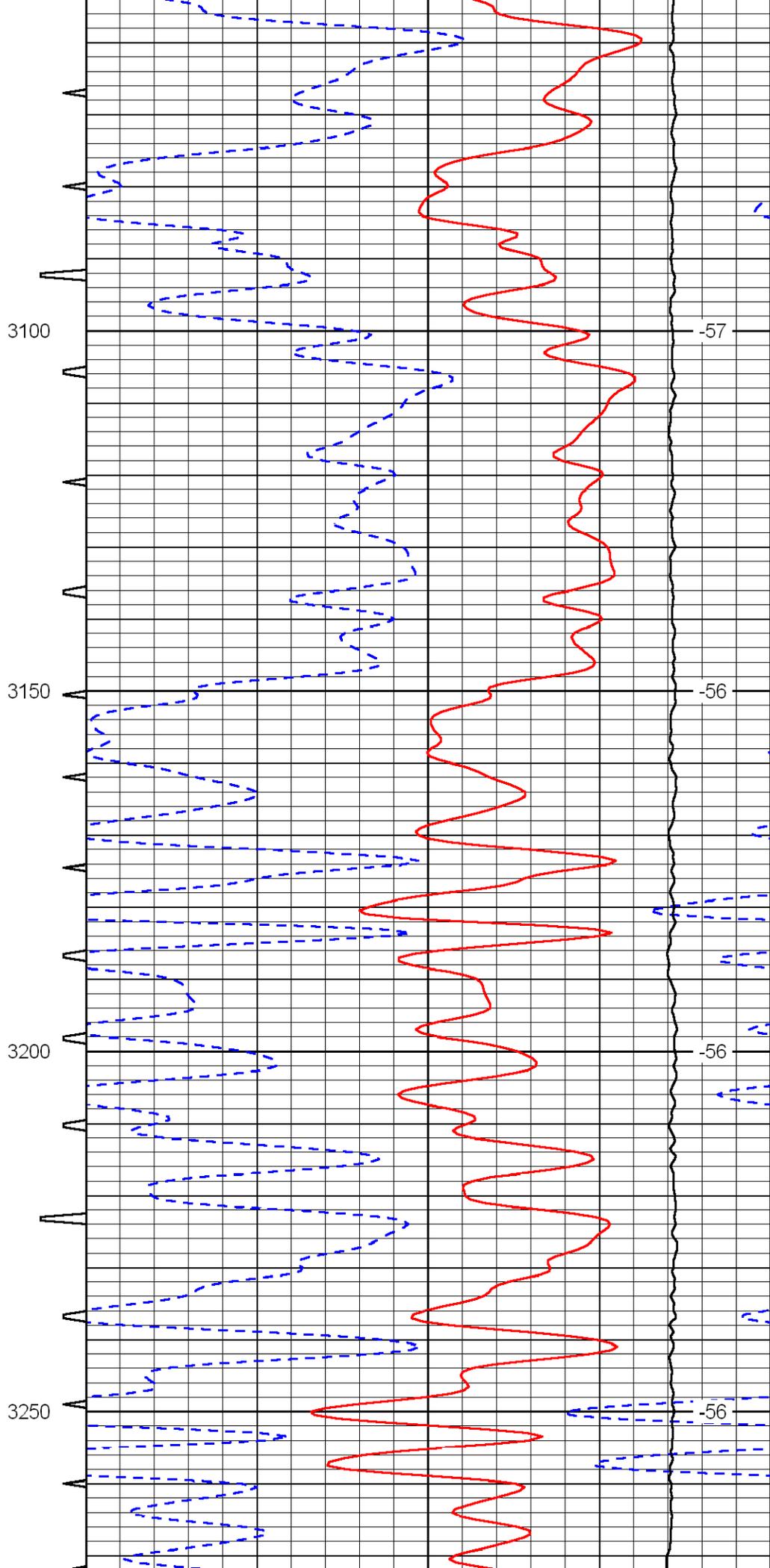
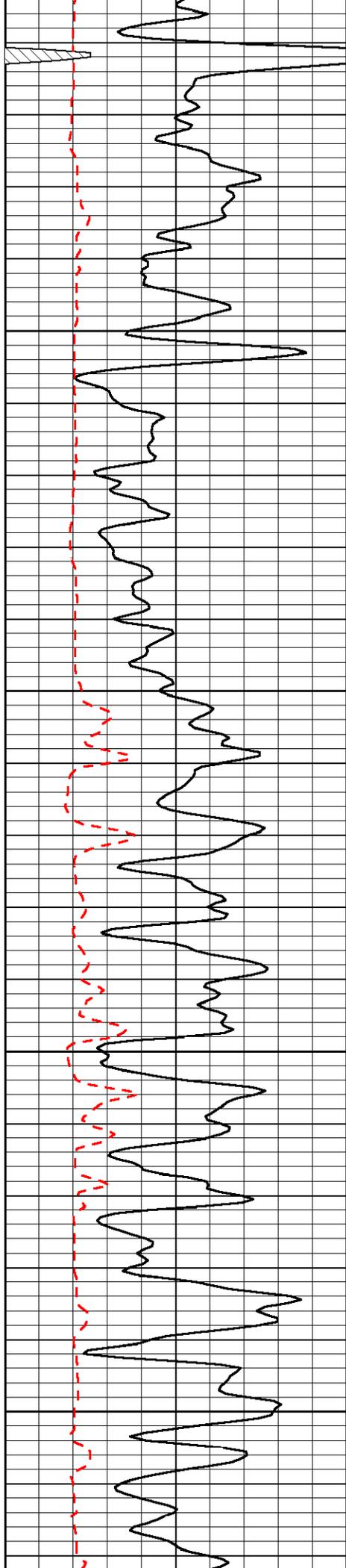


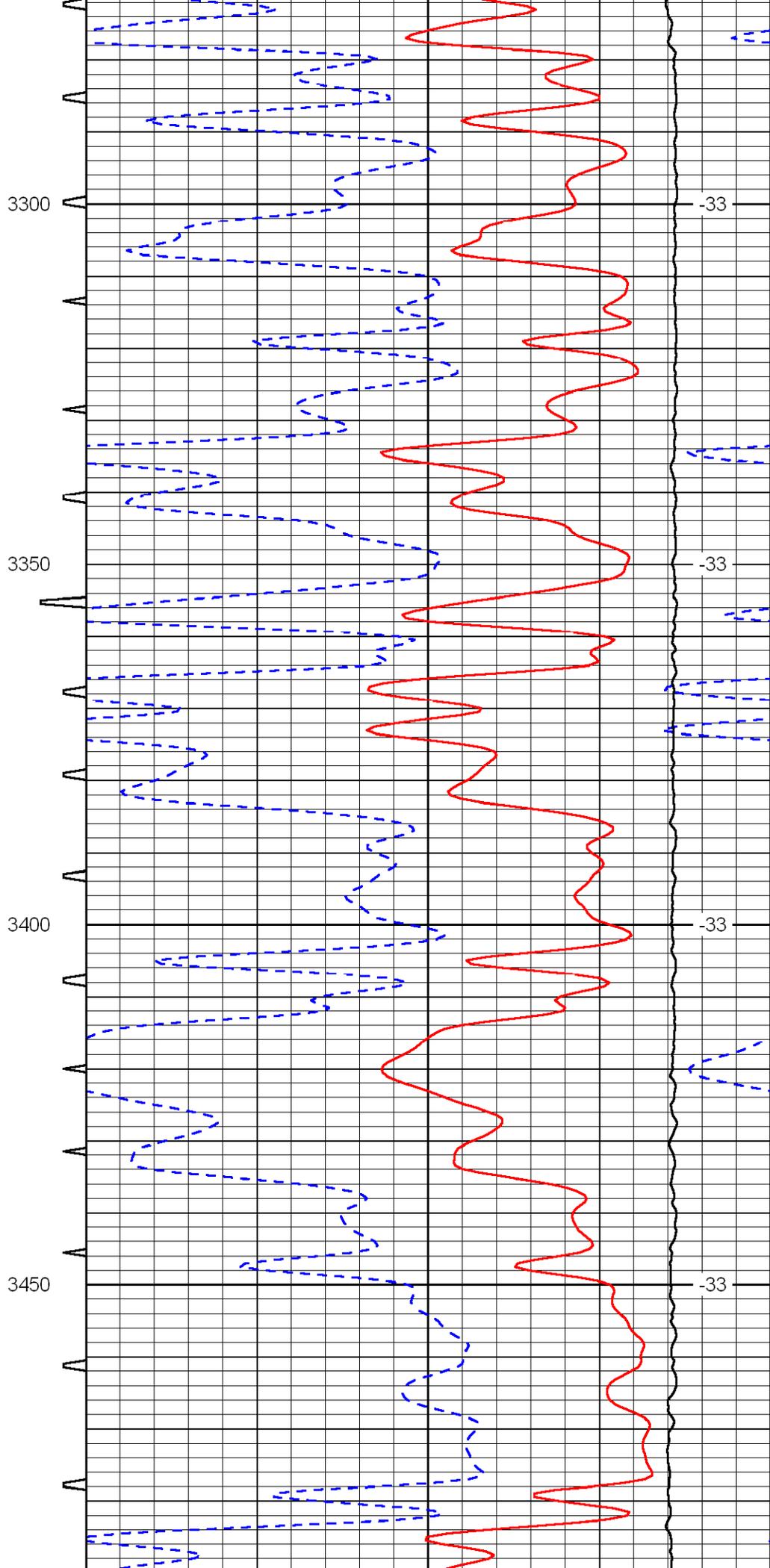
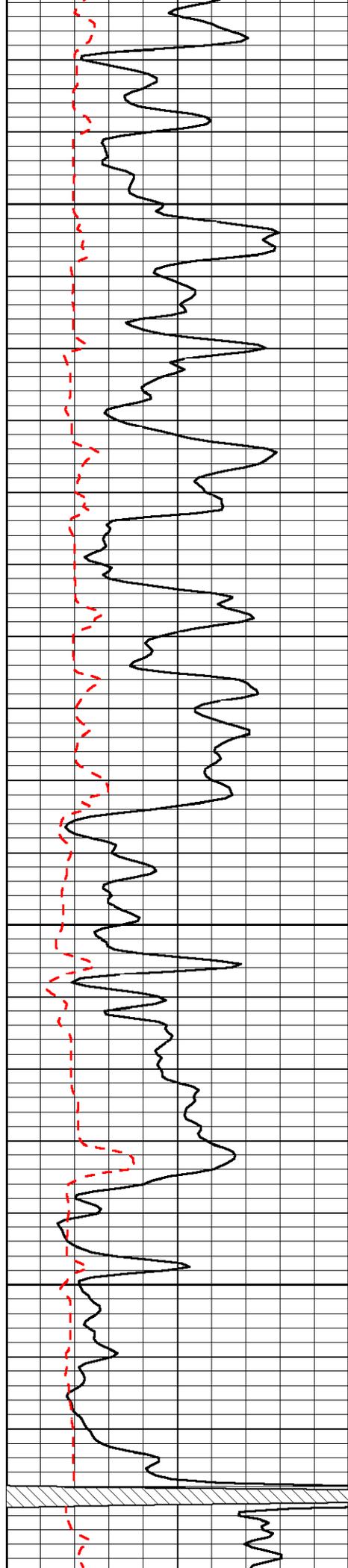


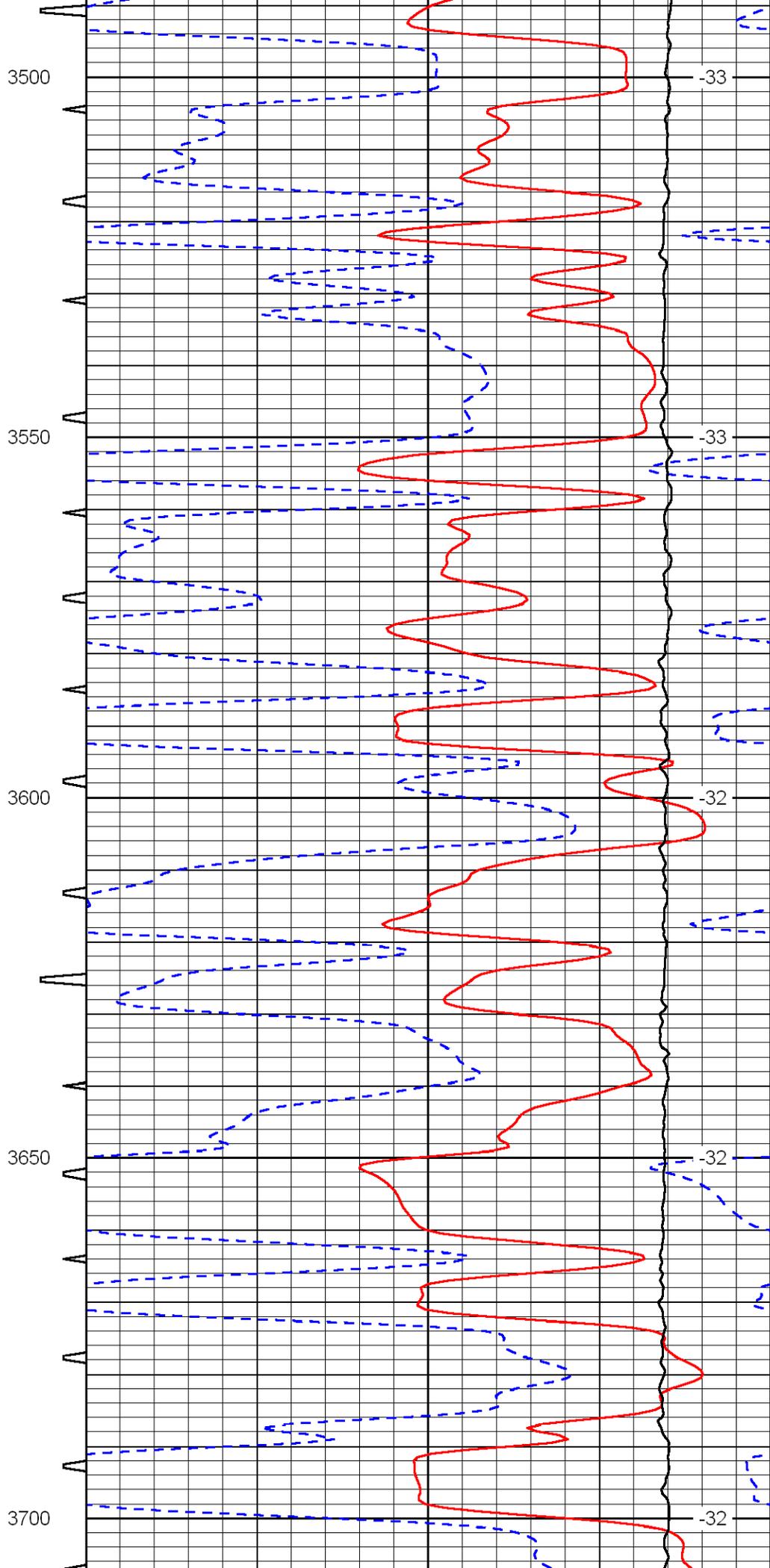
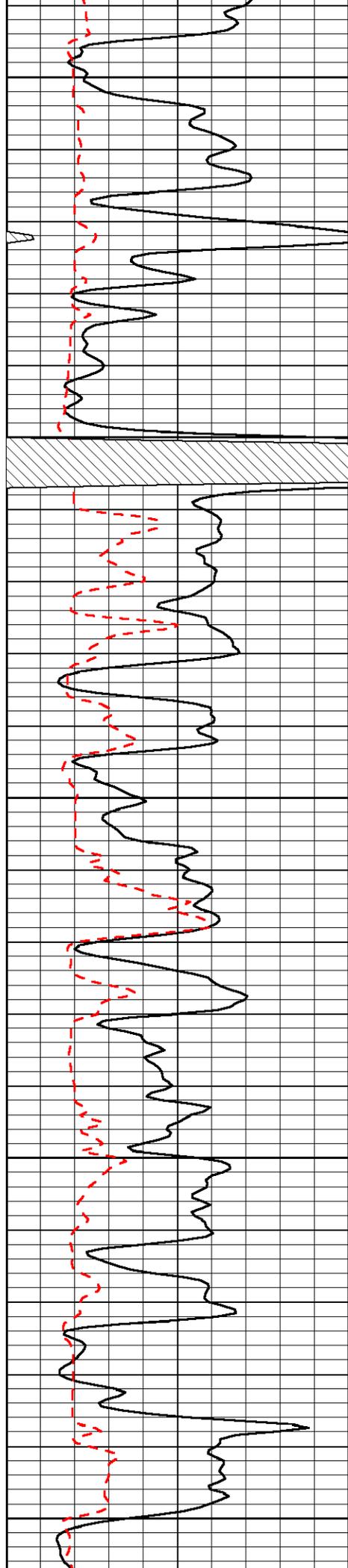


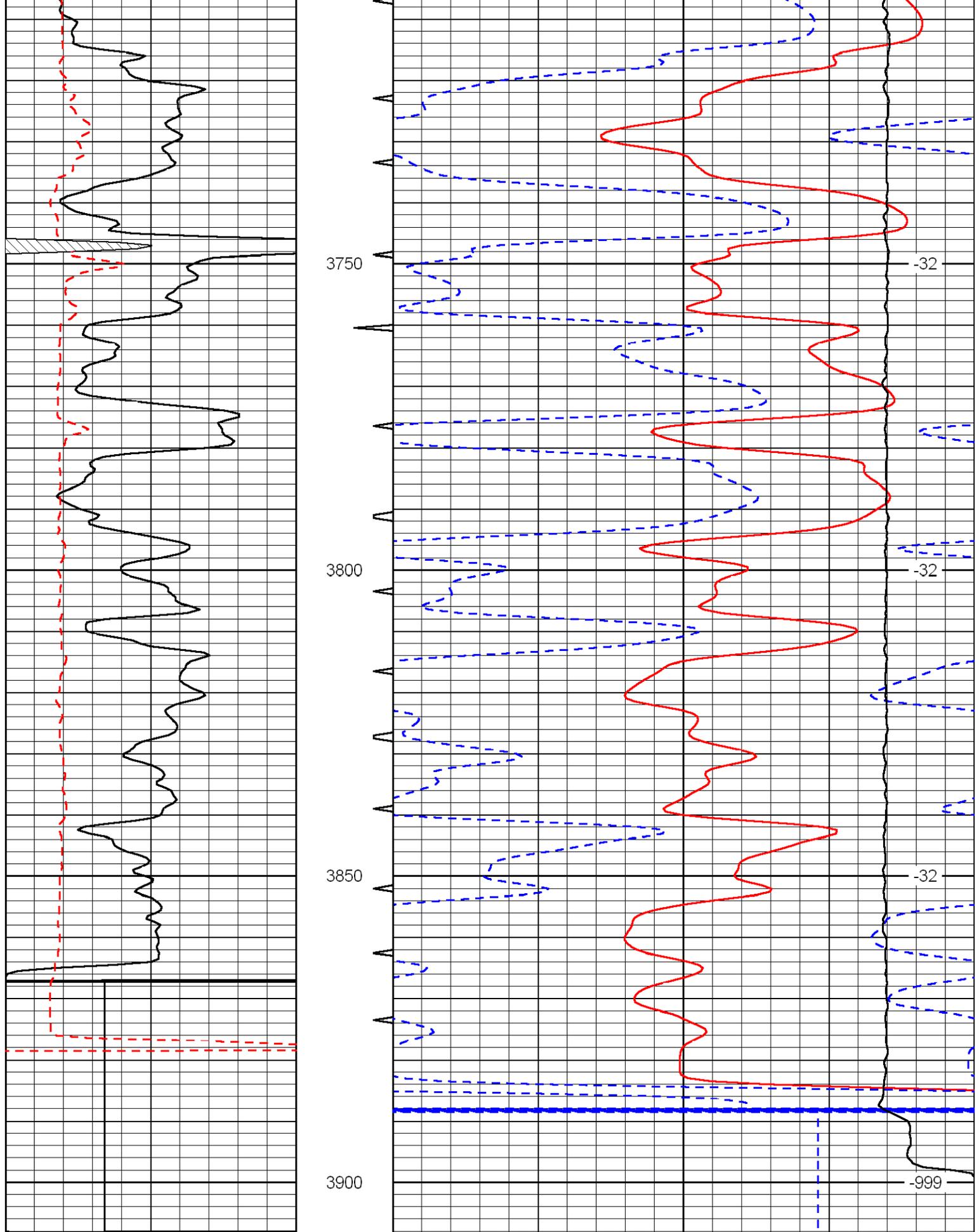












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