



**Borehole Compensated
Sonic Log**

DIGITAL LOG (785) 625-3858

API No.	15-109-20,843-00-00		
Company	MAK-J Energy Kansas, LLC.		
Well	FP Dirks #3-28		
Field	Dirks		
County	Logan	State	Kansas
Location	SW NE NE NW 468' FNL & 2117' FWL		
Sec: 28	Twp: 15 S	Rge: 35 W	
Permanent Datum	Ground Level	Elevation	3220
Log Measured From	Kelly Bushing	10 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing		
Date	3/26/2010	Elevation	K.B. 3230 D.F. 3220 G.L. 3220

Run Number	Two
Type Log	BHC Sonic
Depth Driller	4860
Depth Logger	4854
Bottom Logged Interval	4843
Top Logged Interval	300
Type Fluid In Hole	Chemical
Salinity, PPM CL	3,000
Density	9.2
Level	Full
Max. Rec. Temp. F	126
Operating Rig Time	5 Hours
Equipment -- Location	4 Hays
Recorded By	K. Bange
Witnessed By	Steve Murphy

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	308	8.625	24#	00	308
2	7.875	308	4860				

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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.

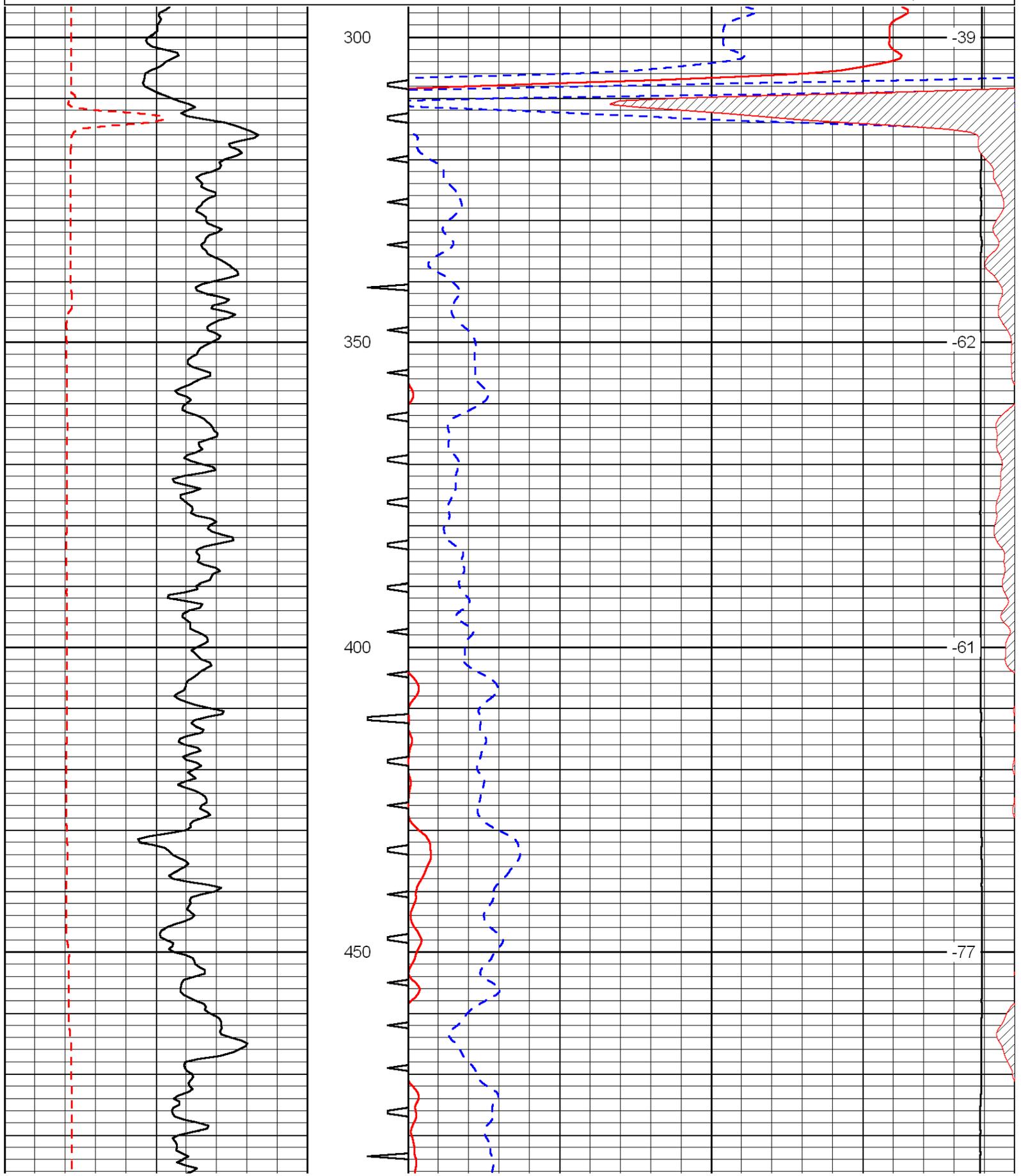
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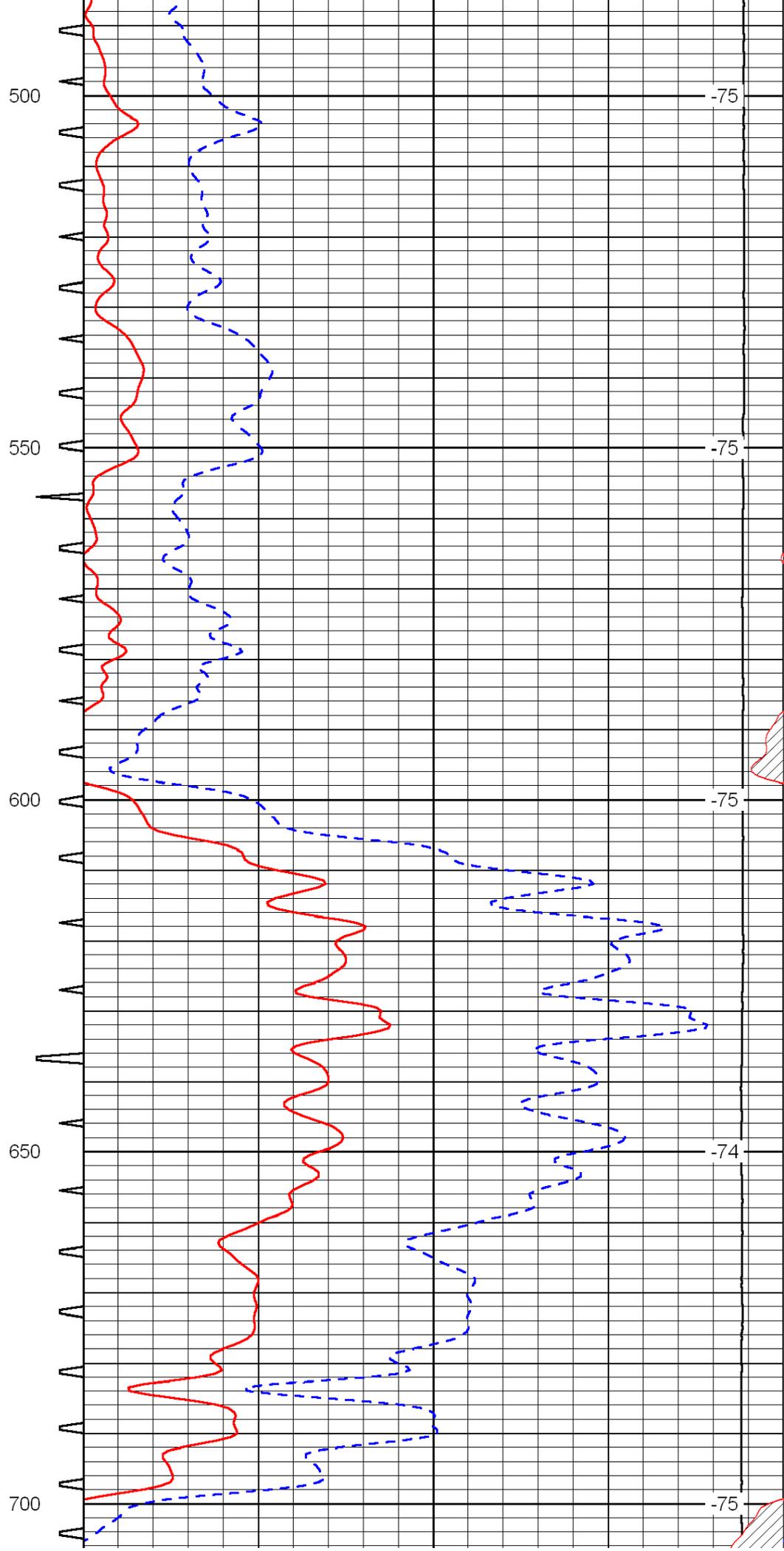
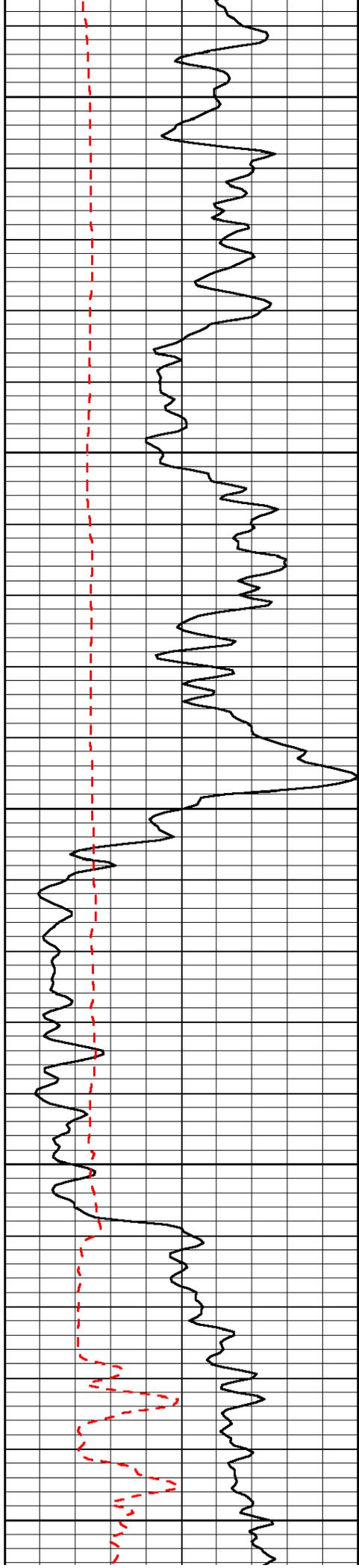
Thank you for using Log-Tech, Inc.
(785) 625-3858

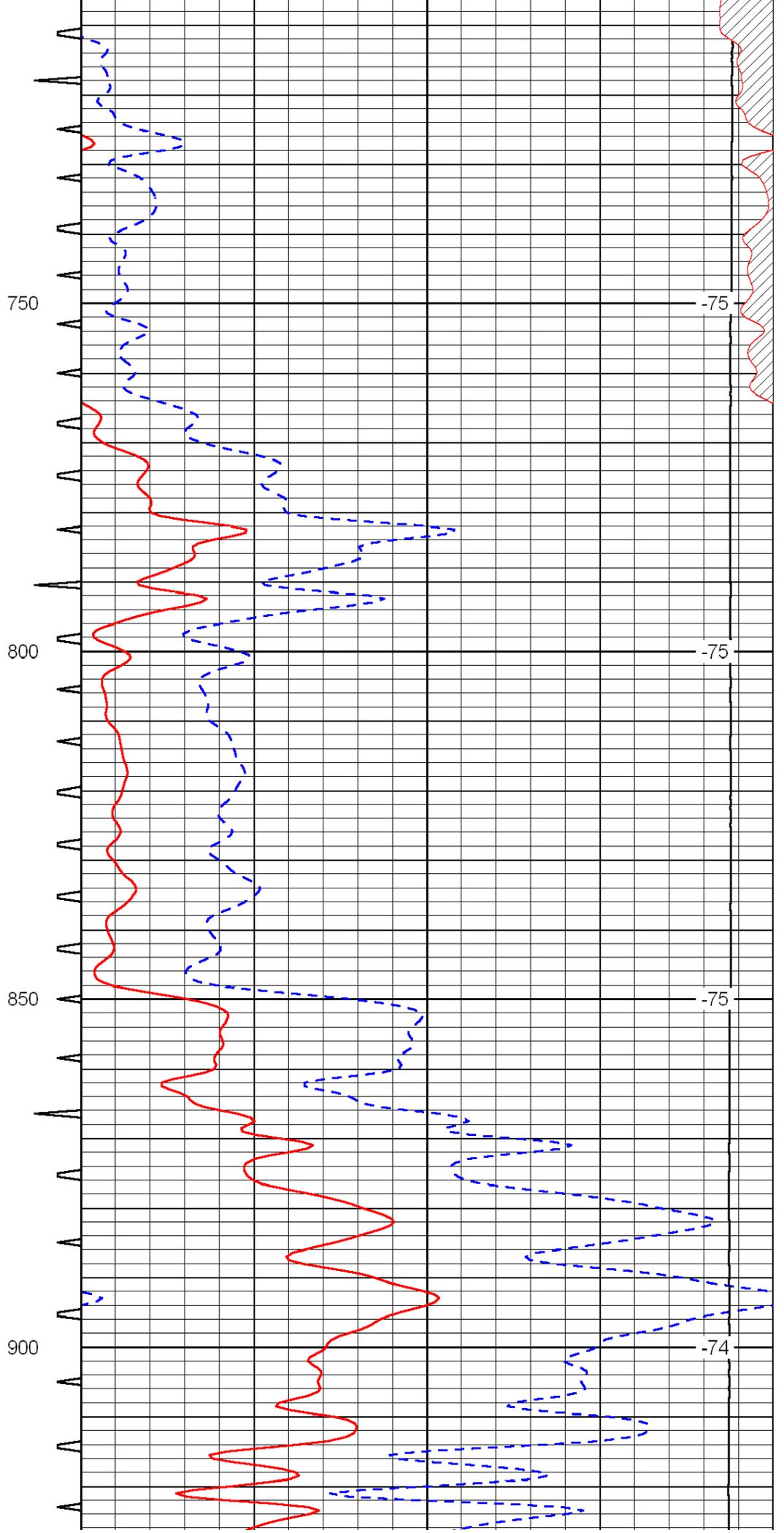
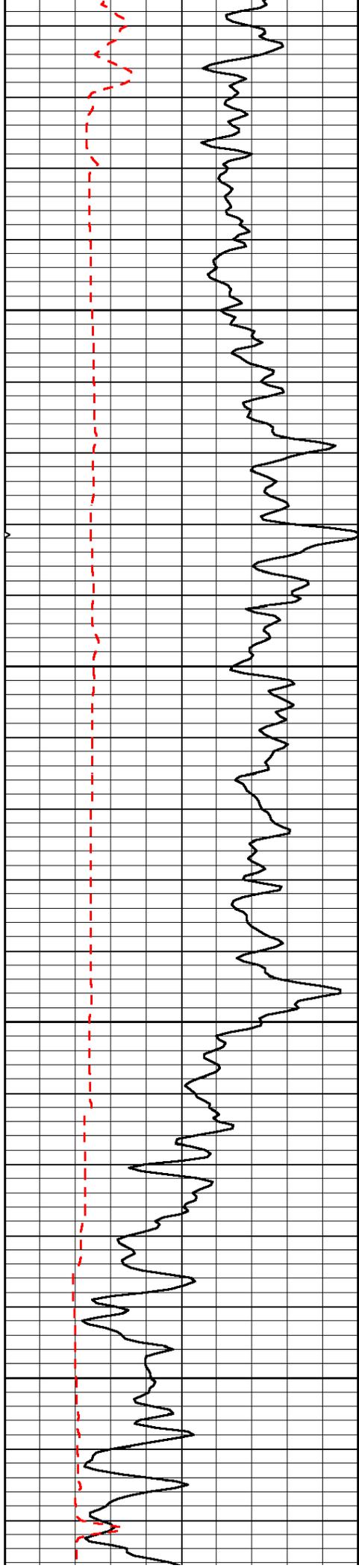
Hwy 4 & 83 Jct., 1 N to 95, W to Pence rd (rd 220) 16 W to 20 rd,
N to T, 1/4 W to Adobe rd, 2 N, E into

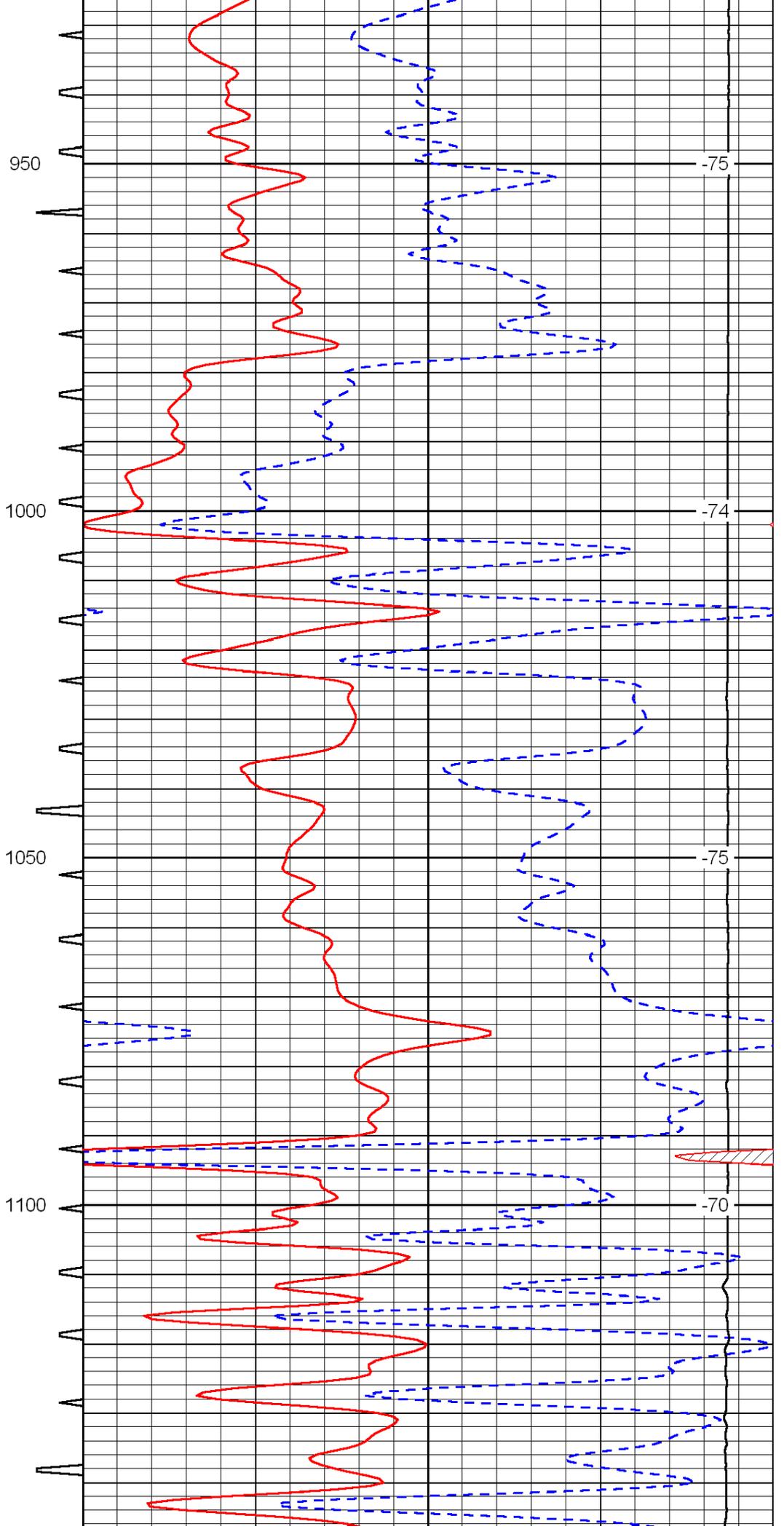
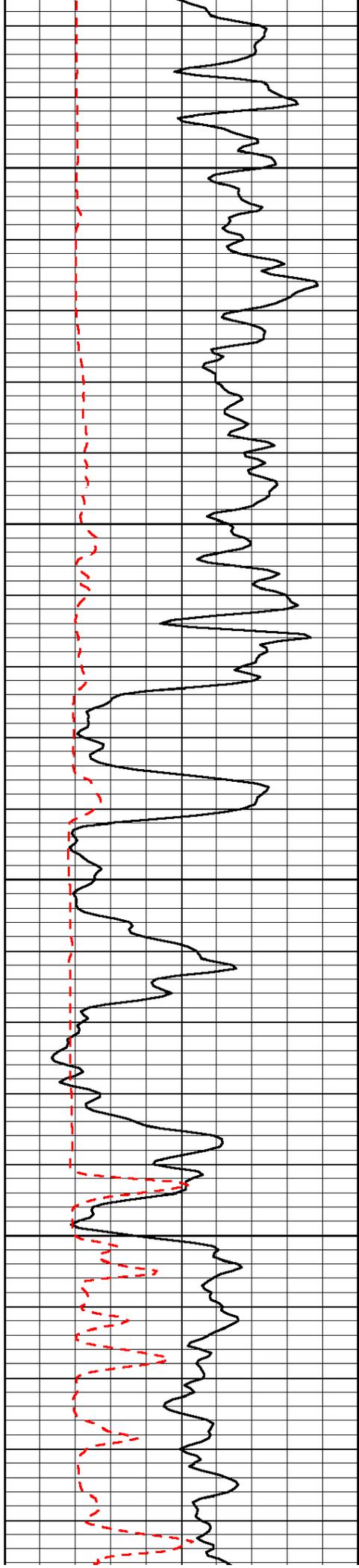
Database File: c:\warrior\data\mak-j_fp dirks #3-28\makjhd.db
 Dataset Pathname: dil/mak2in
 Presentation Format: sonic
 Dataset Creation: Fri Mar 26 14:12:41 2010
 Charted by: Depth in Feet scaled 1:240

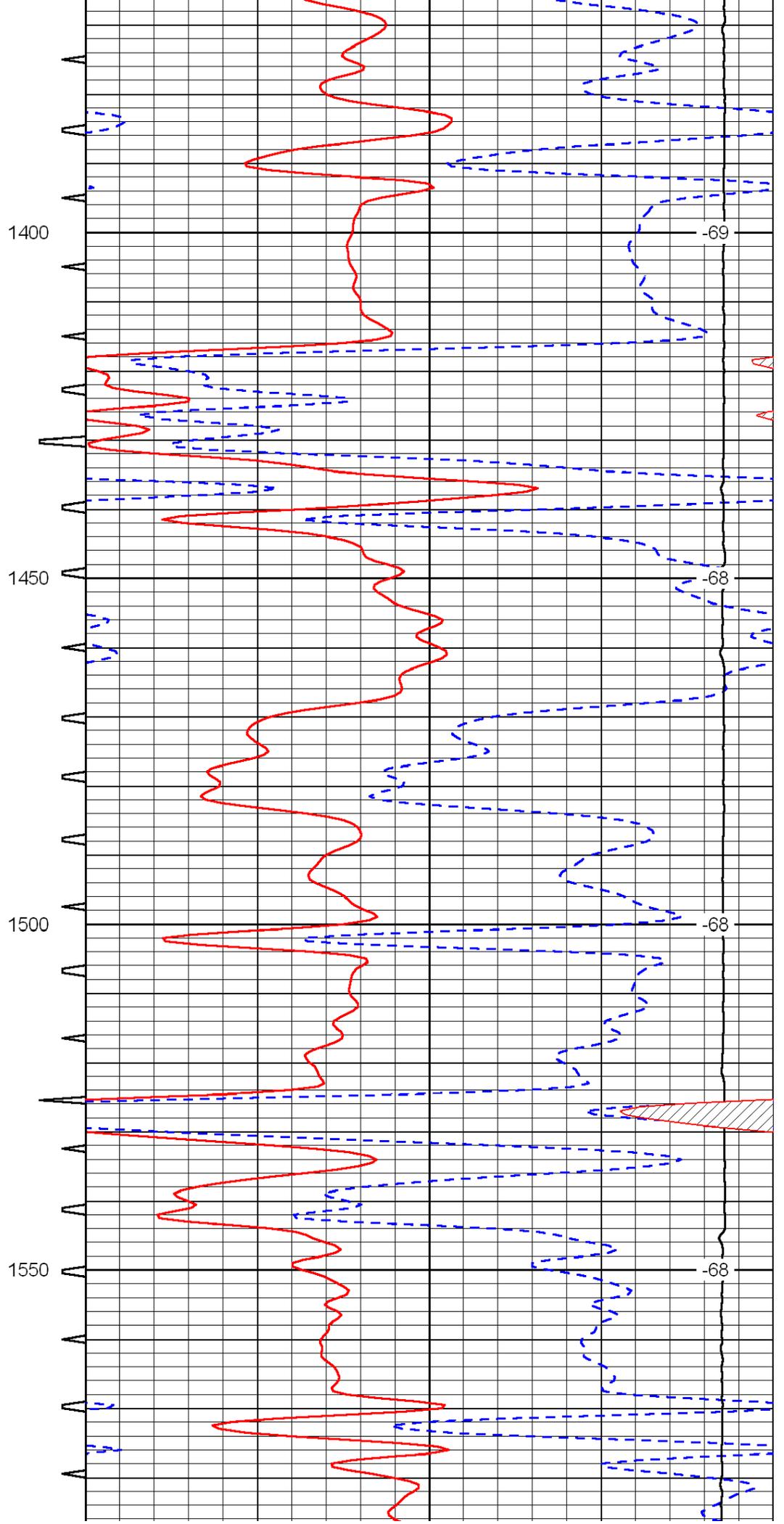
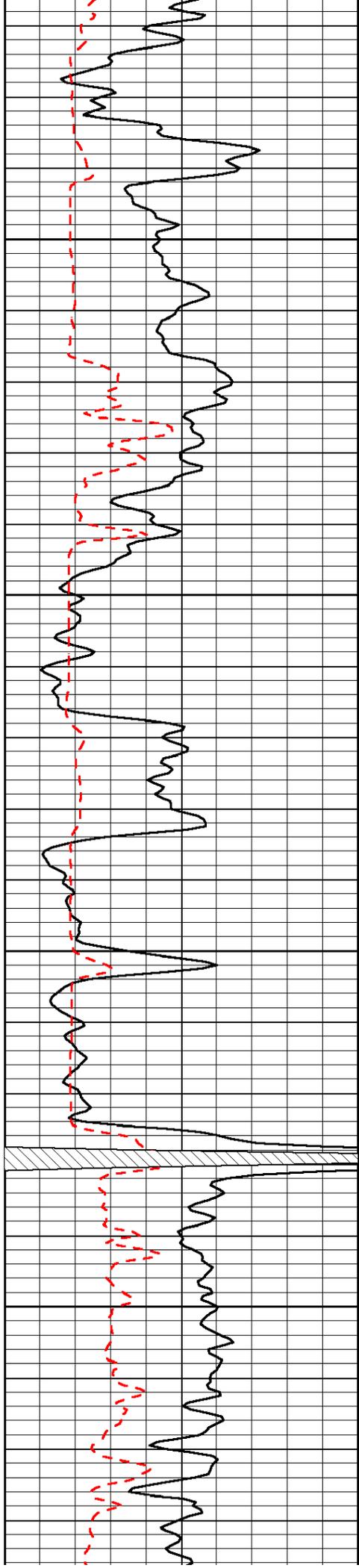
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150	Gamma Ray	300	5 (msec) 0	30	SPOR (pu)	-10
6	Caliper	16		15000	LTEN (lb) (lb)	0
						LSPD (ft/min)

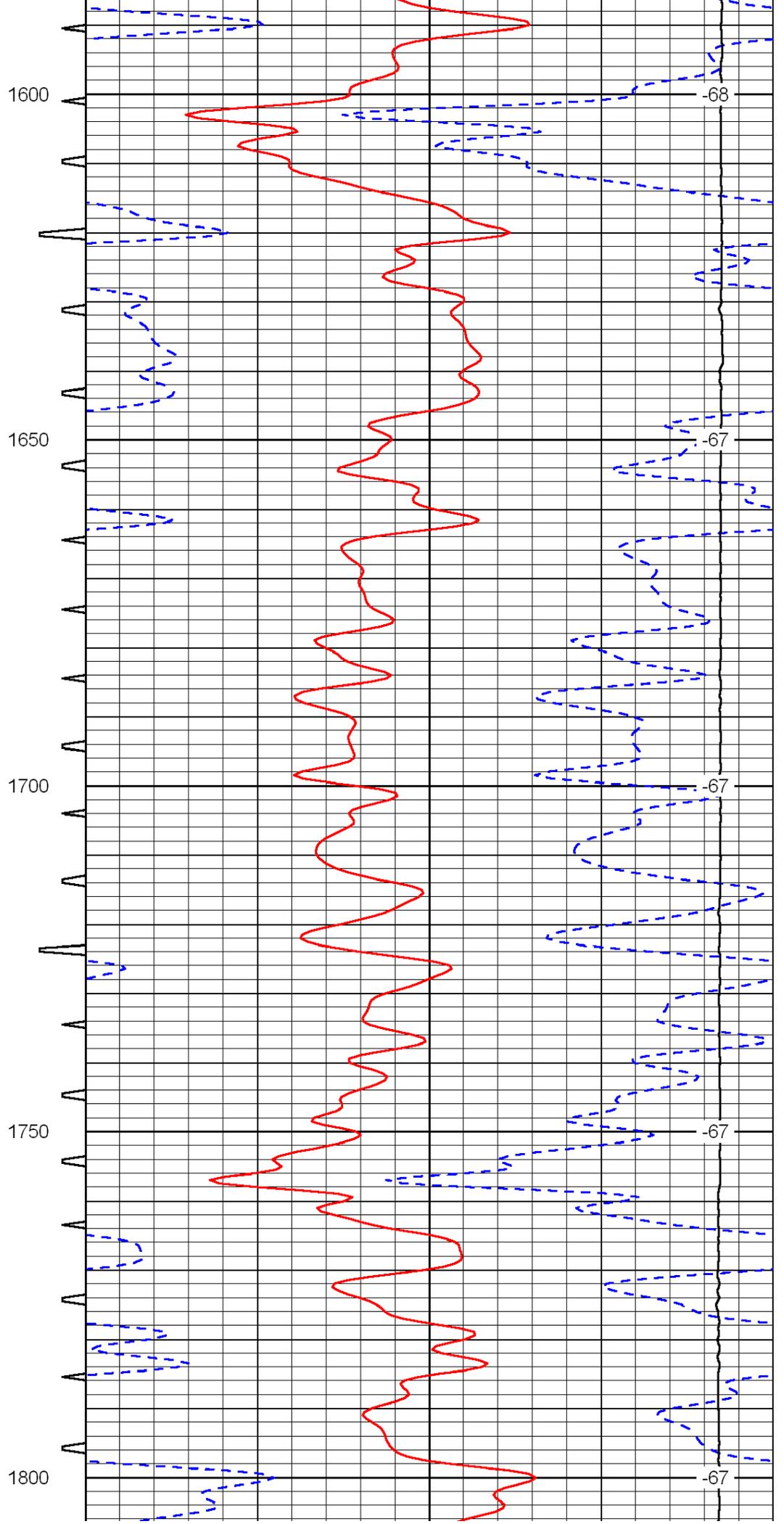
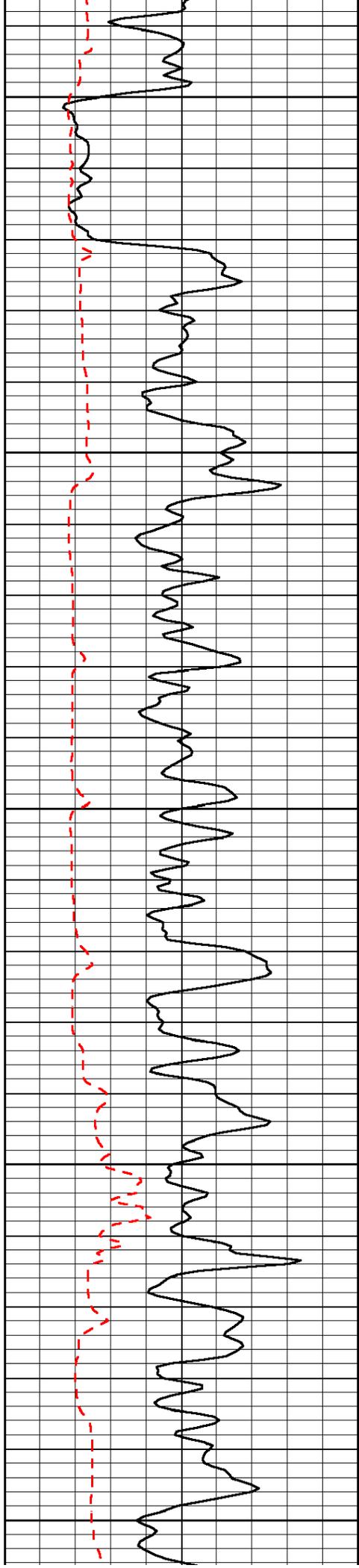


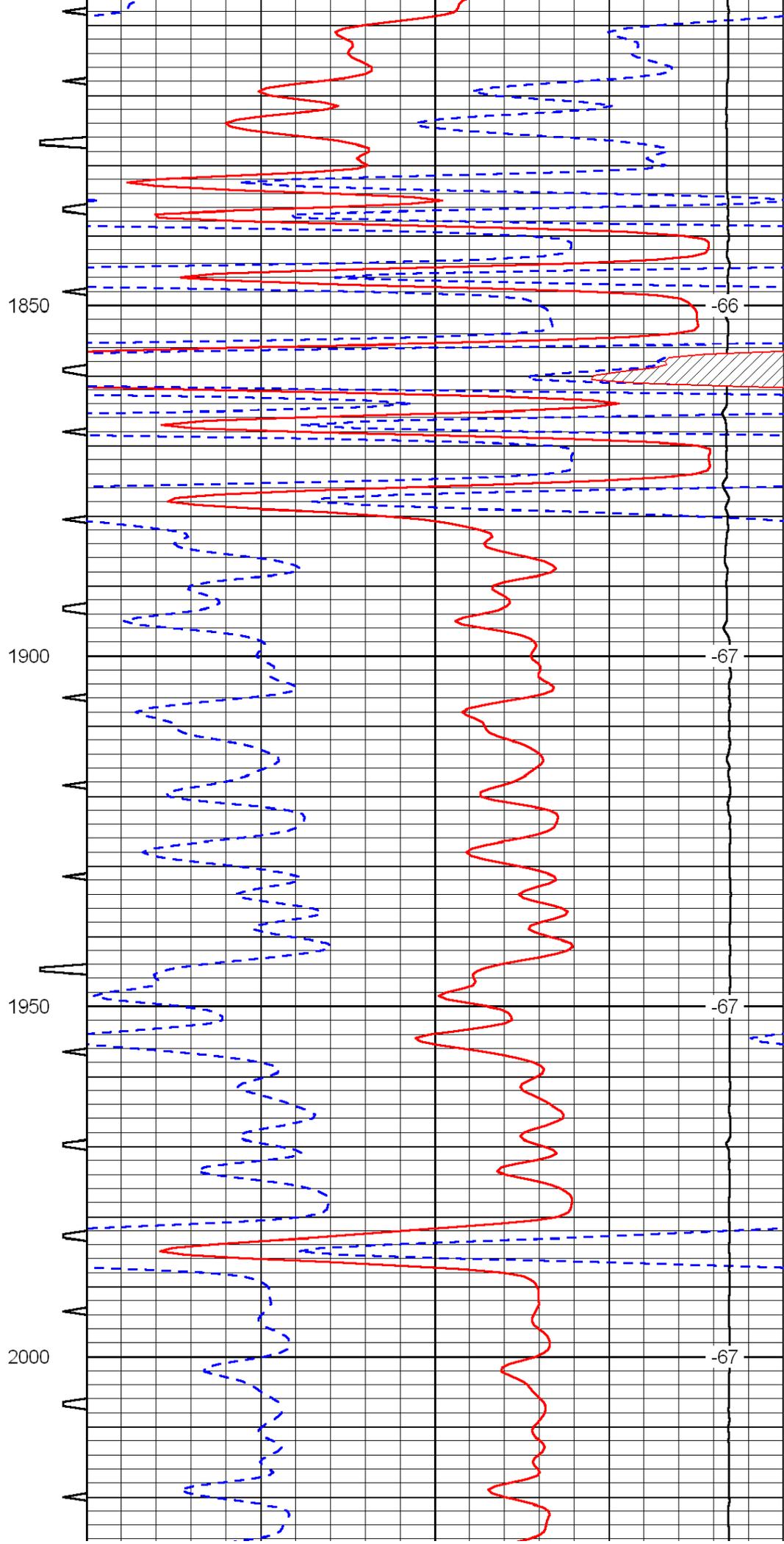
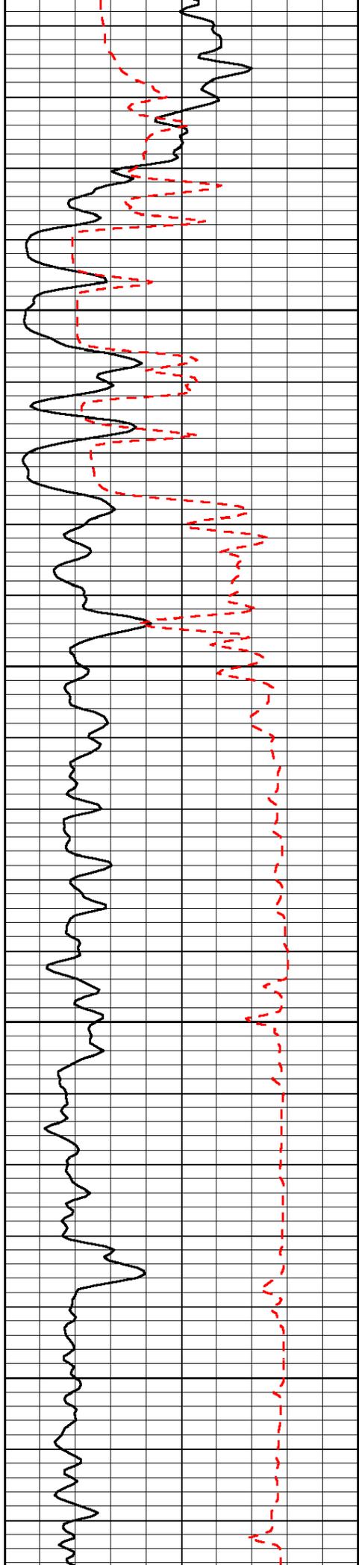


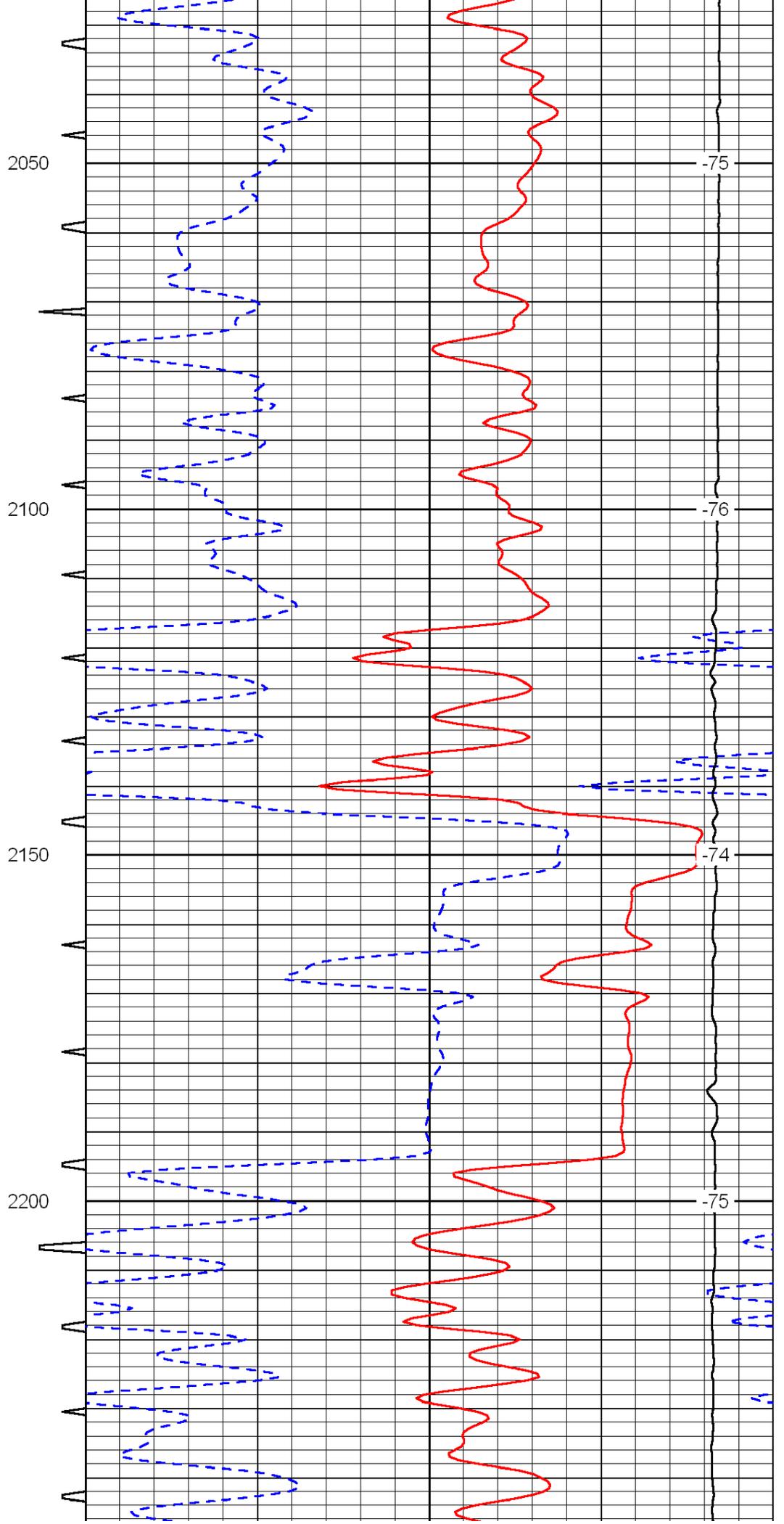
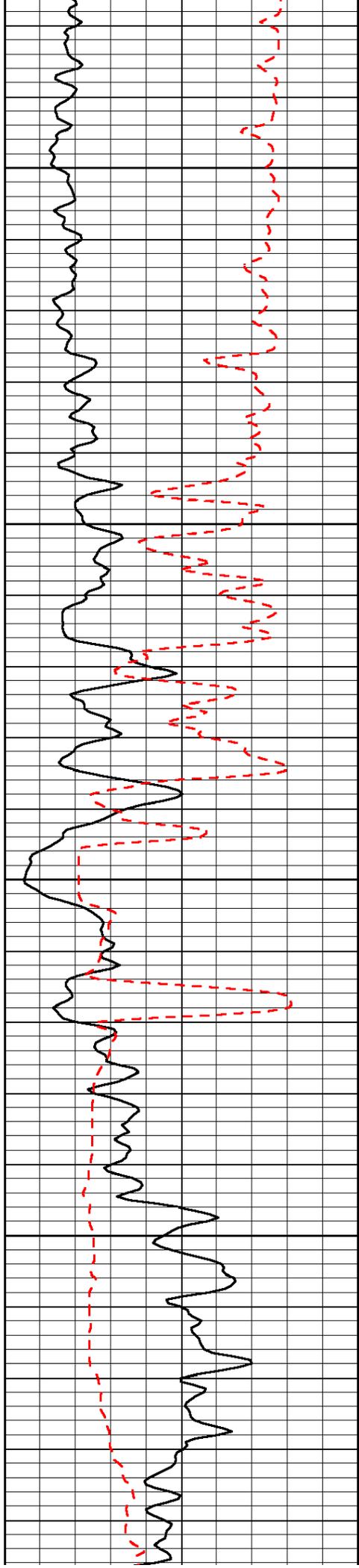


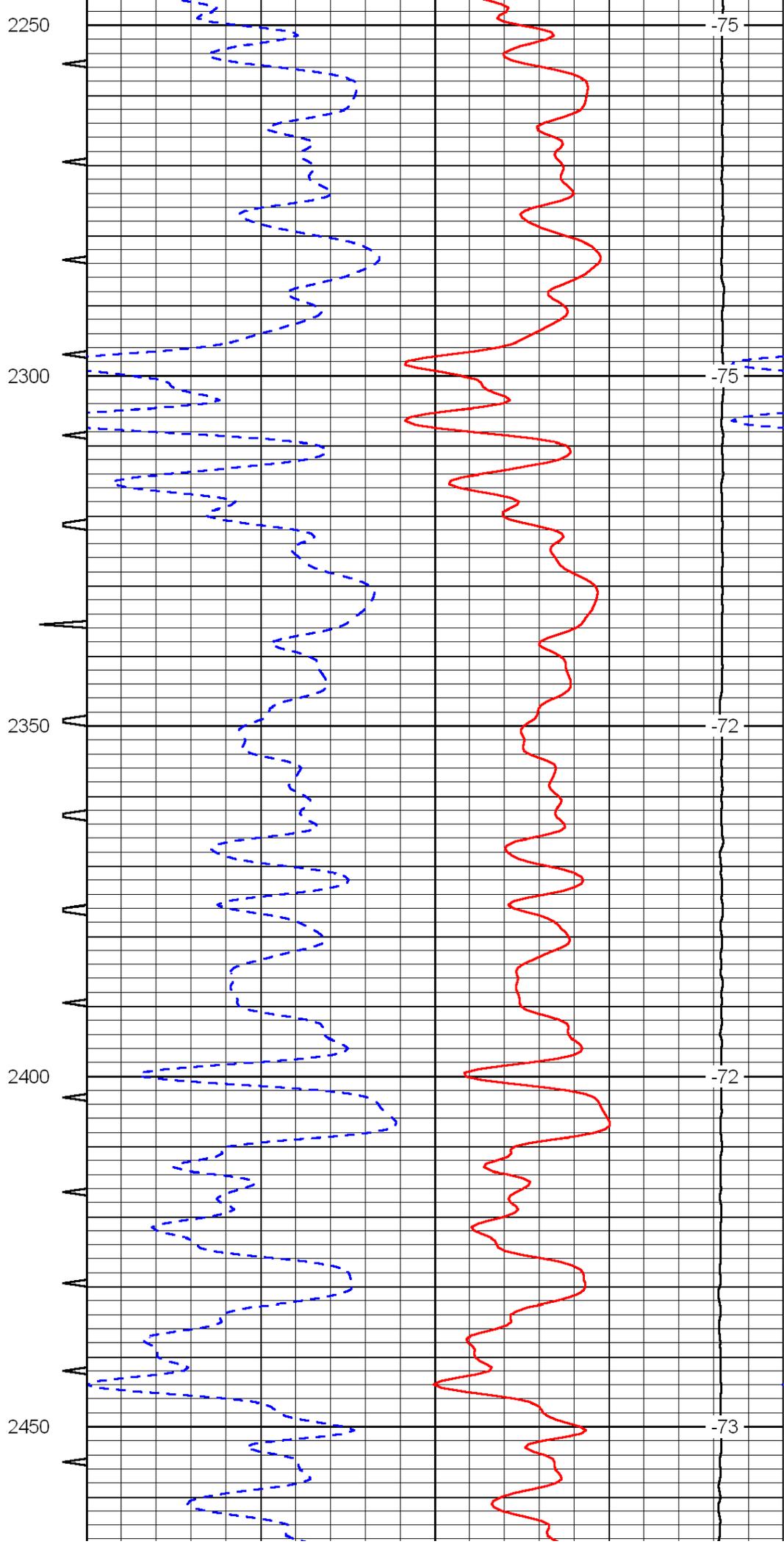
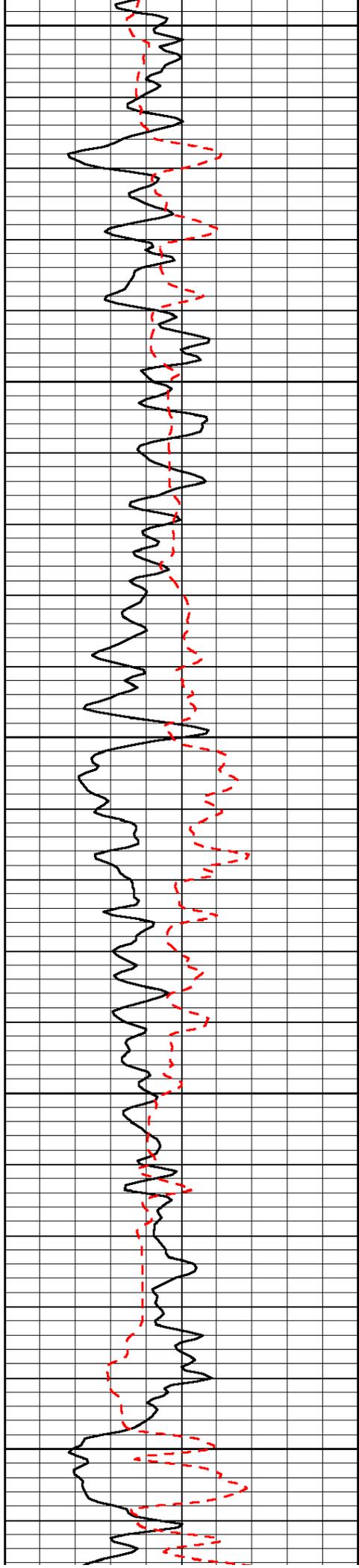


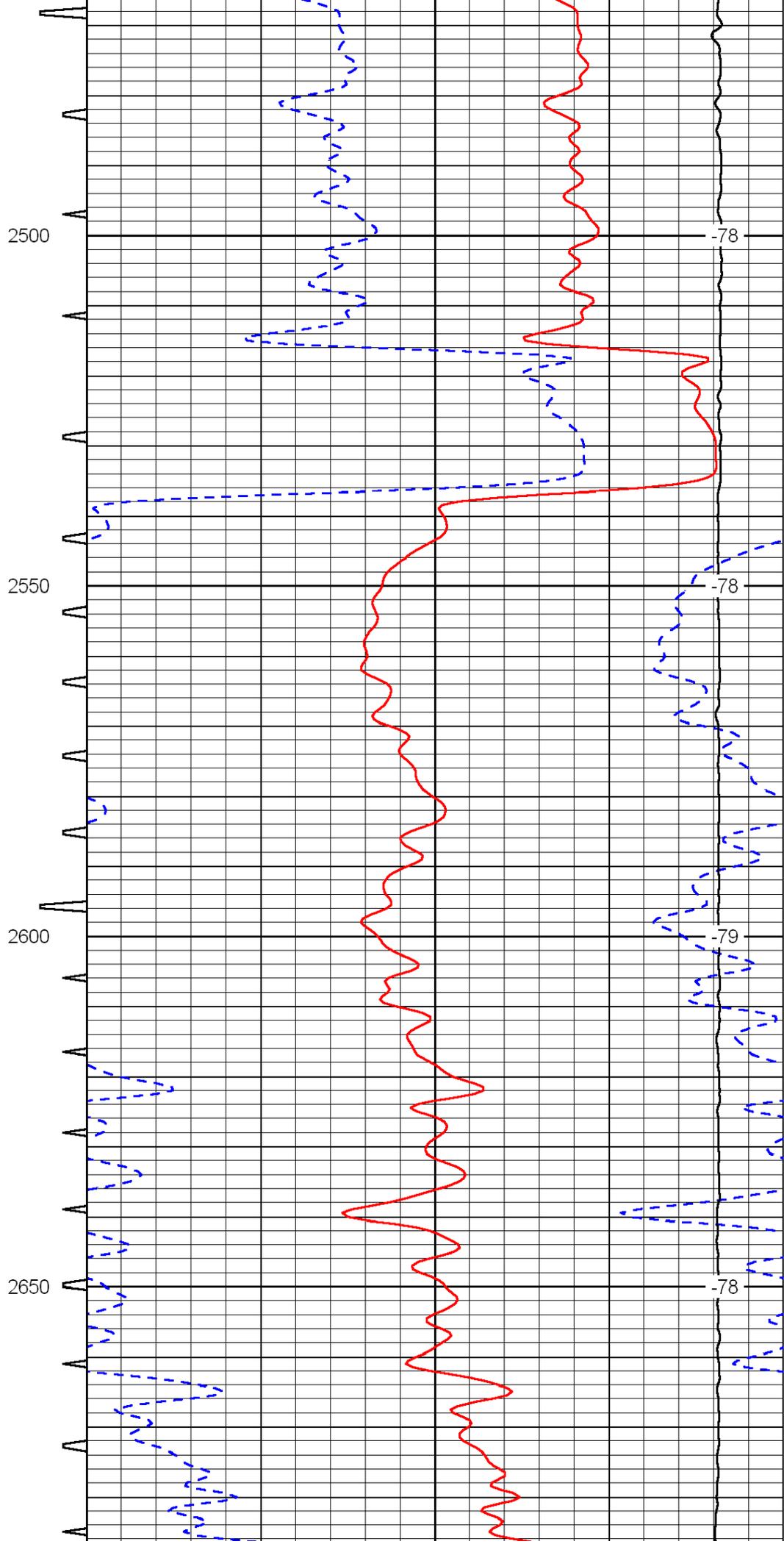
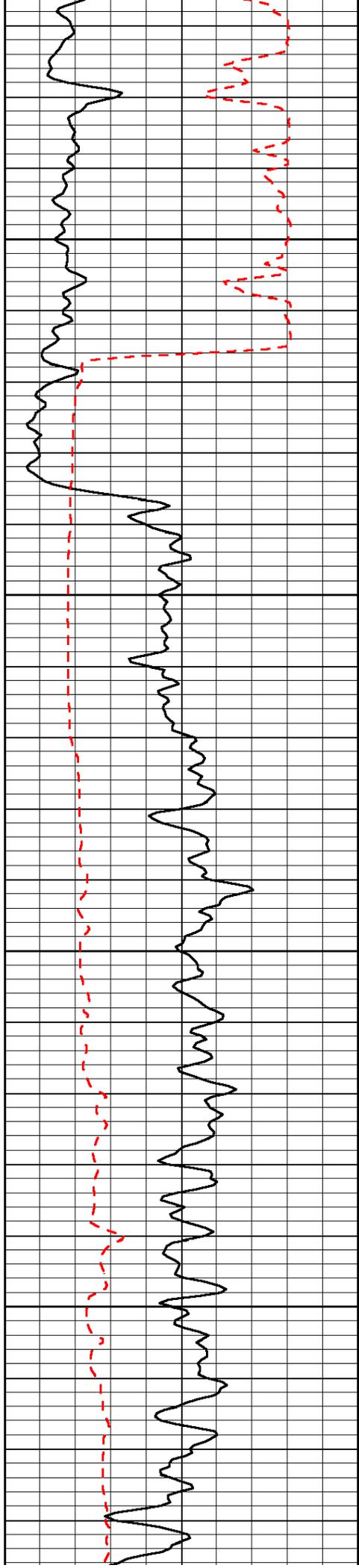


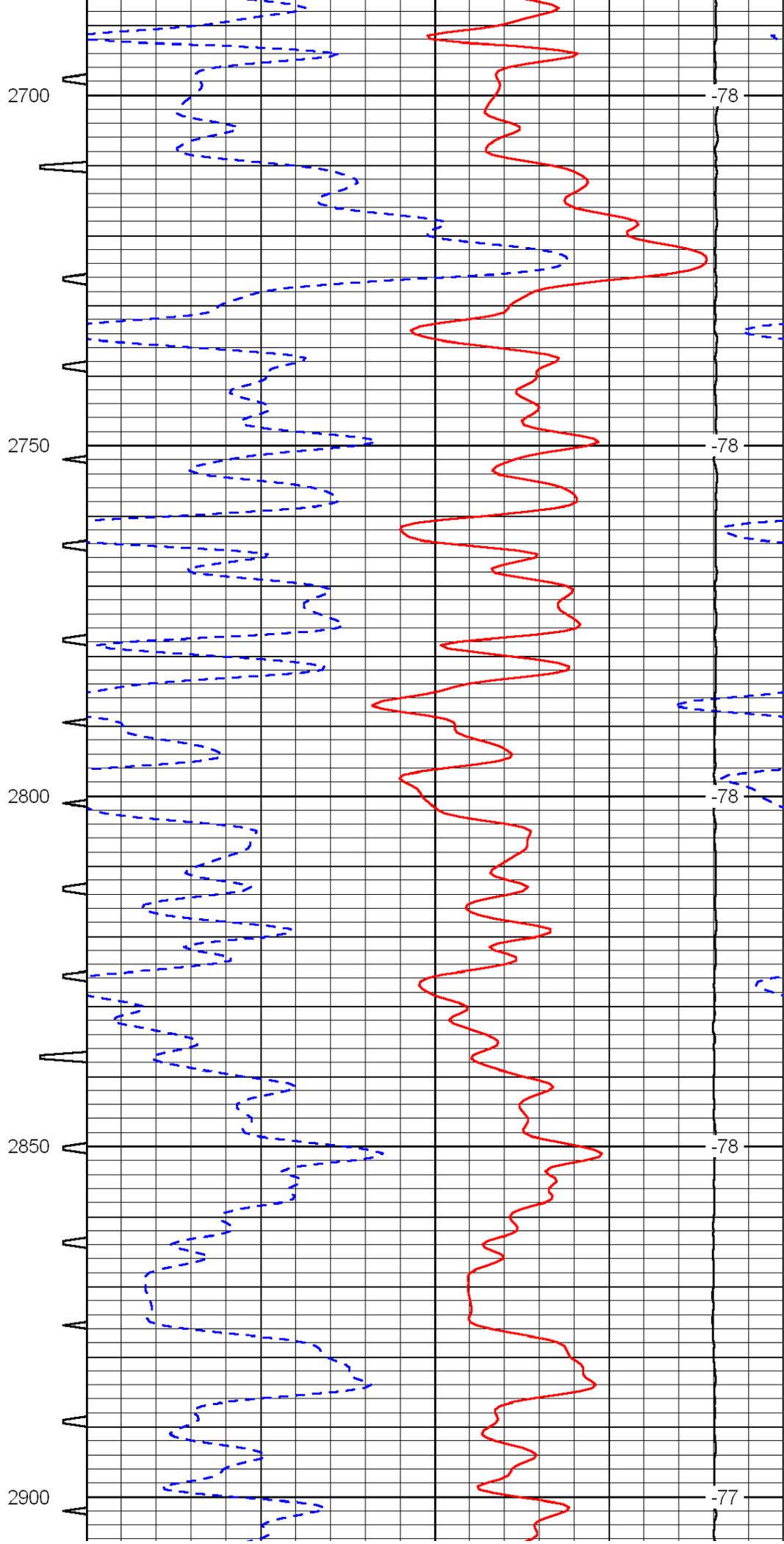
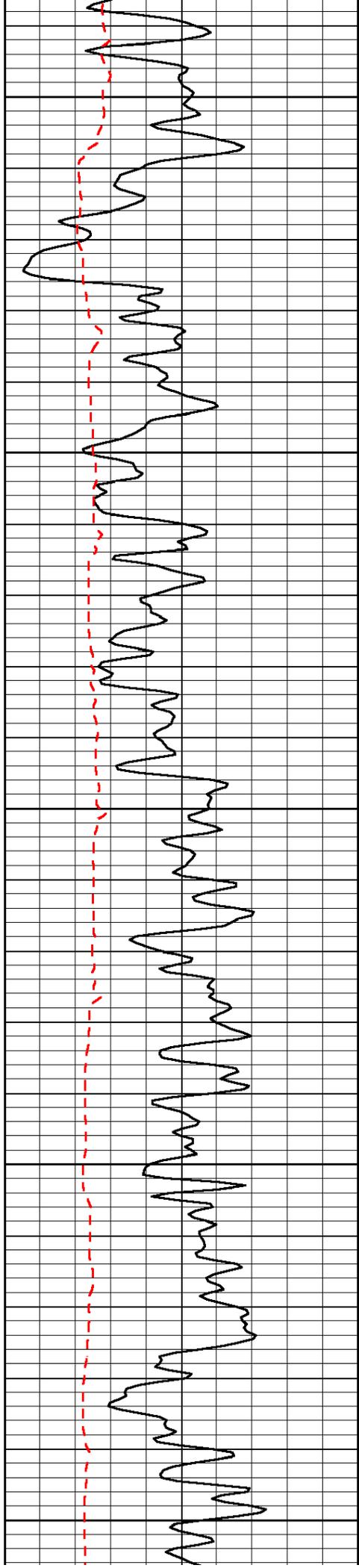


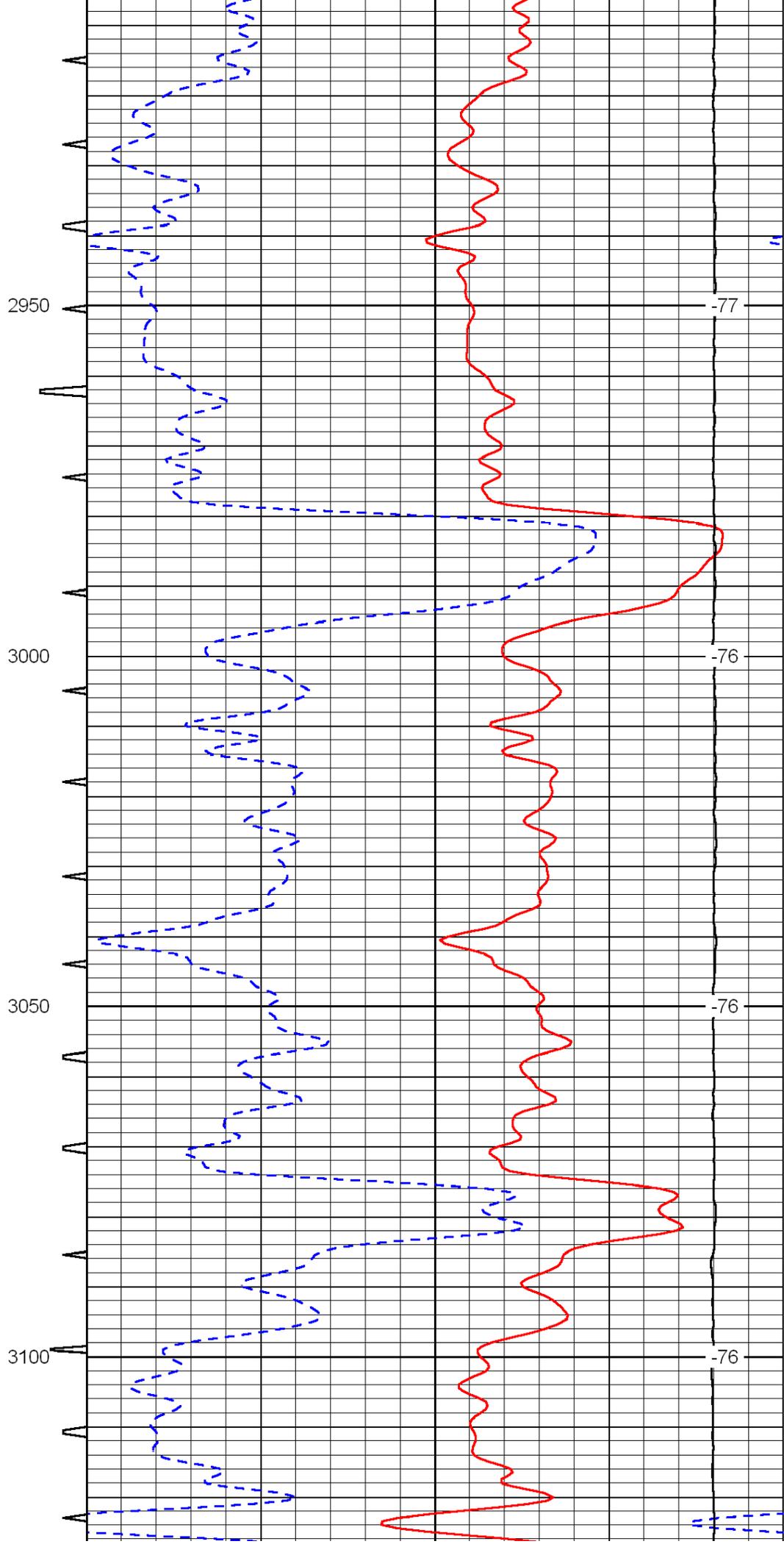
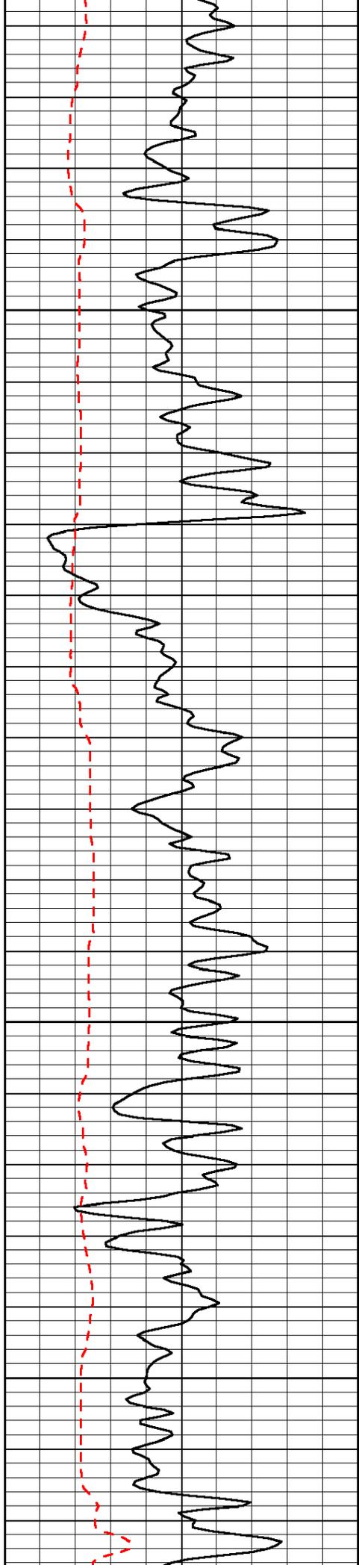


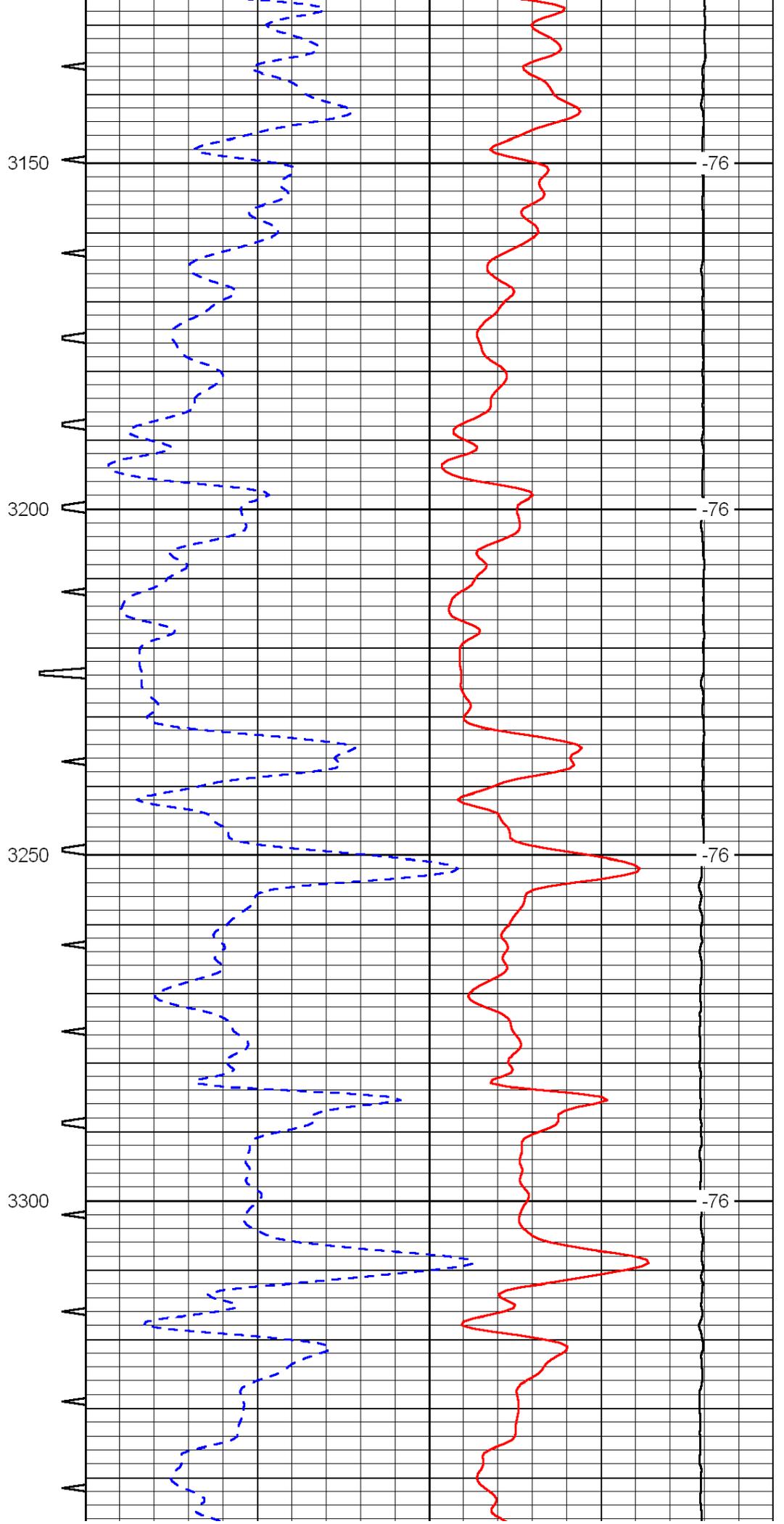
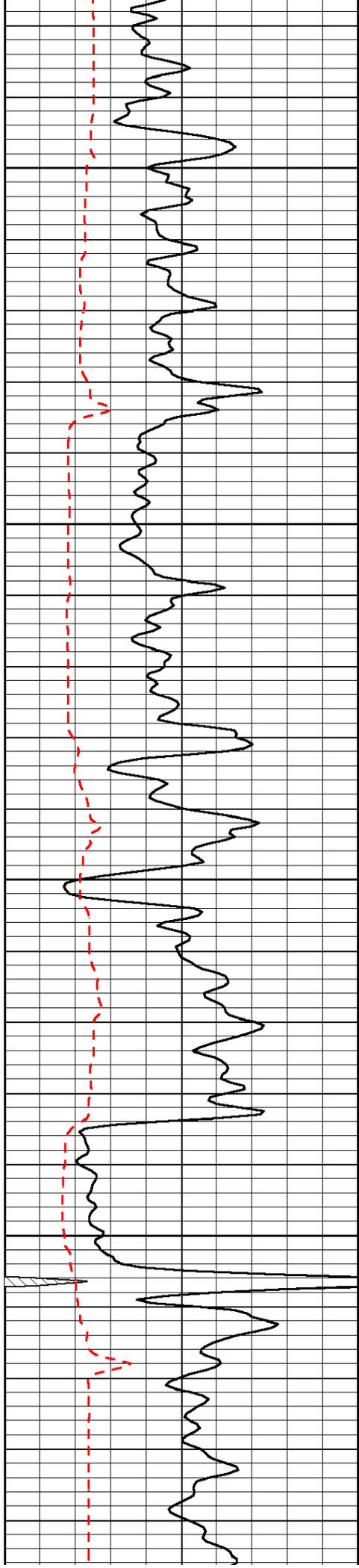


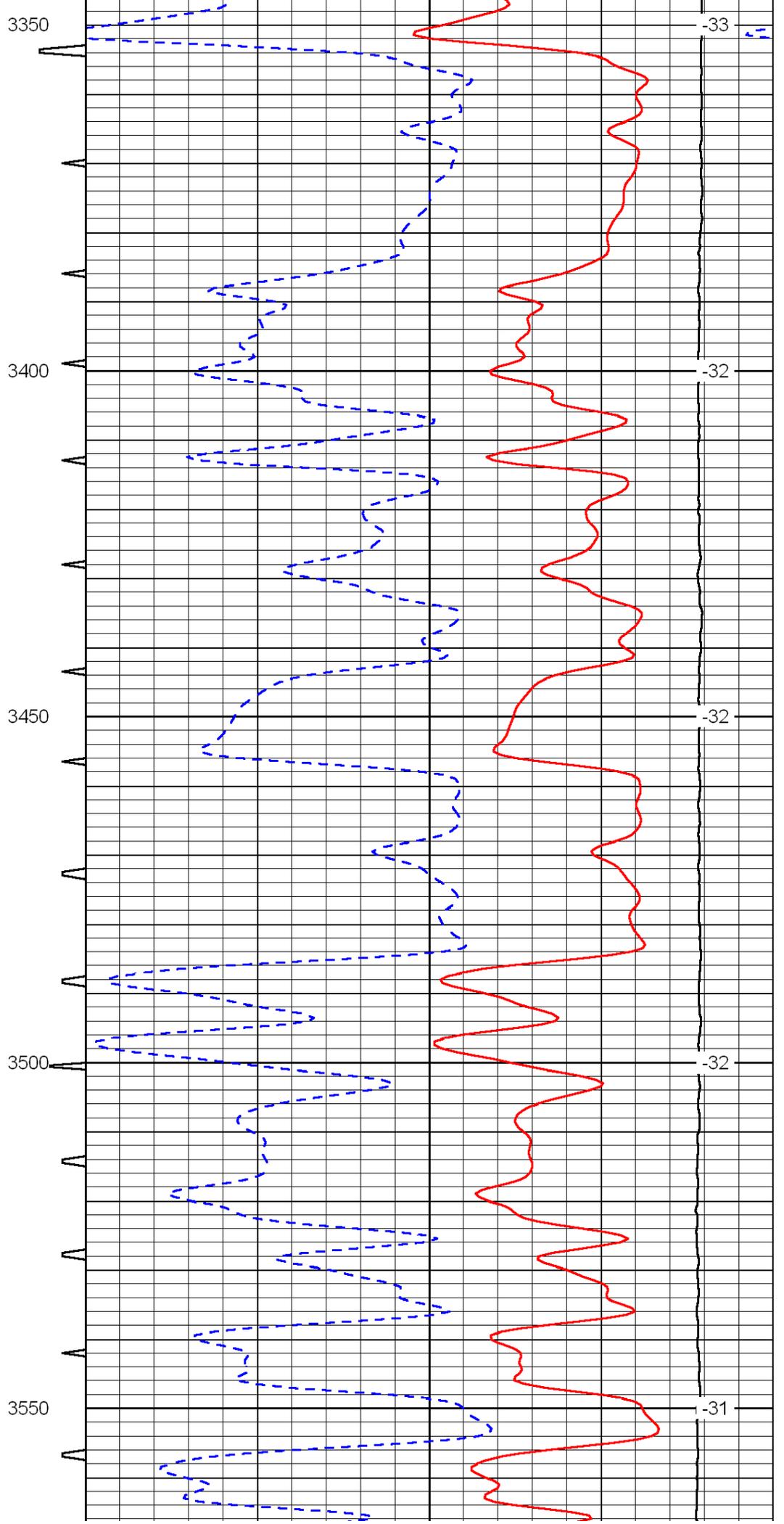
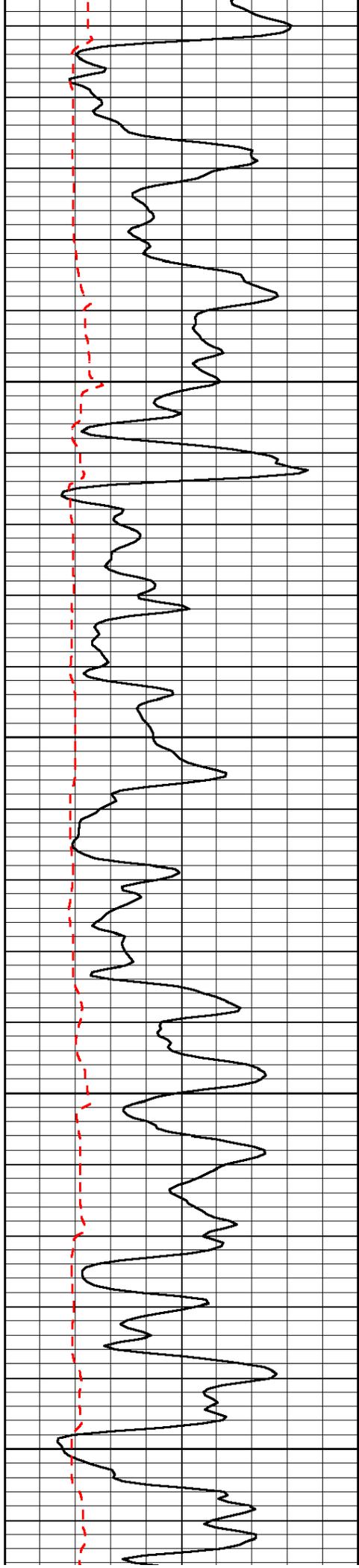


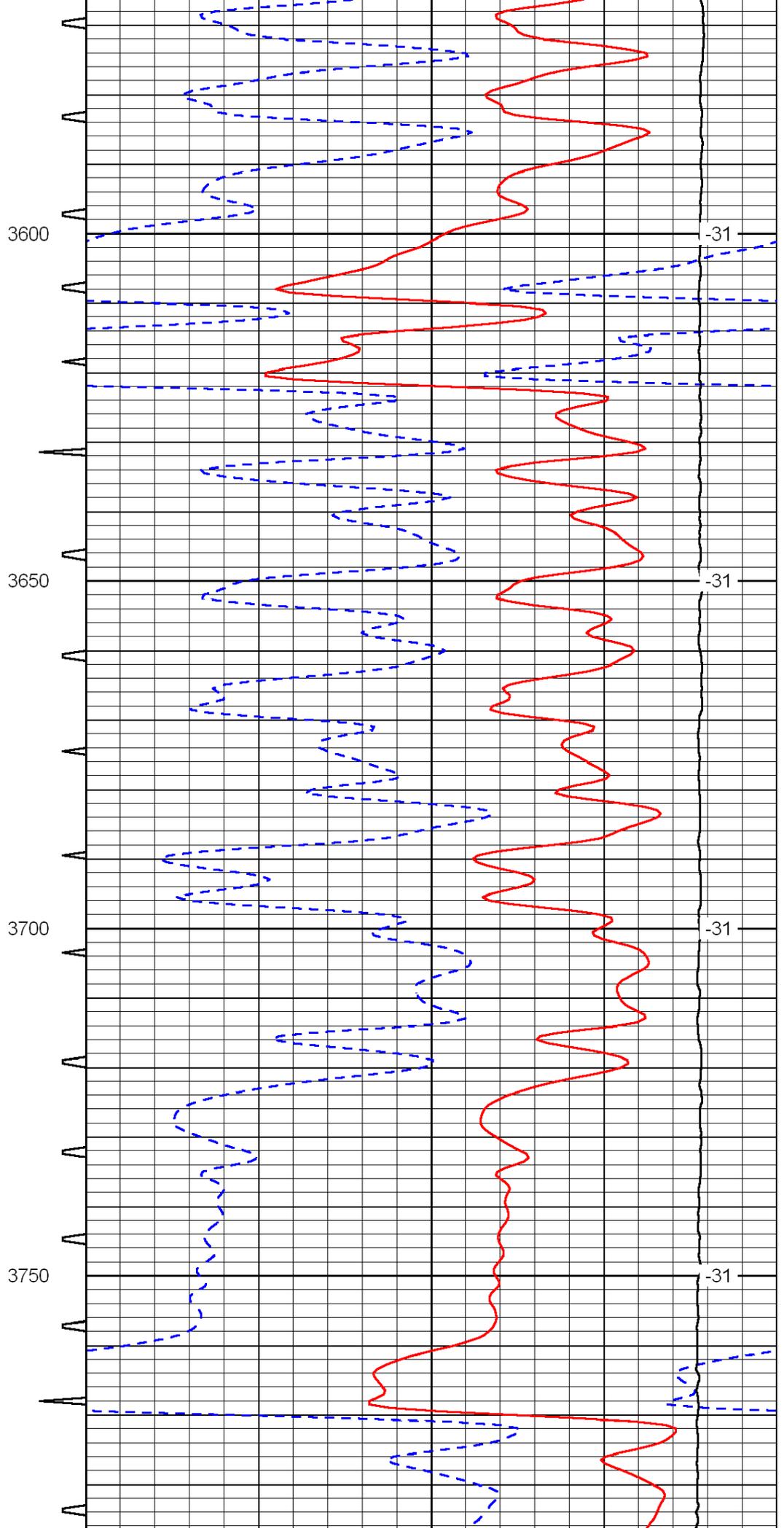
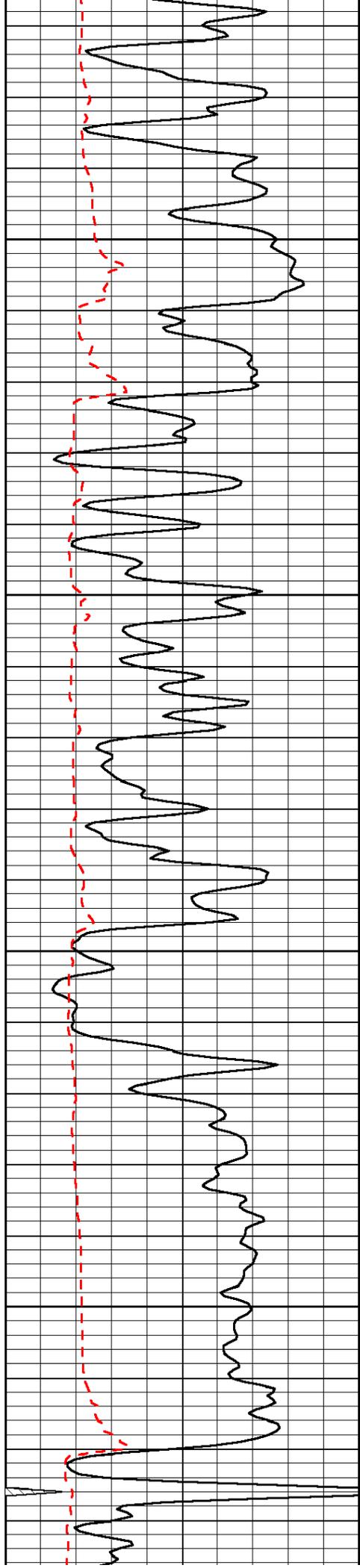


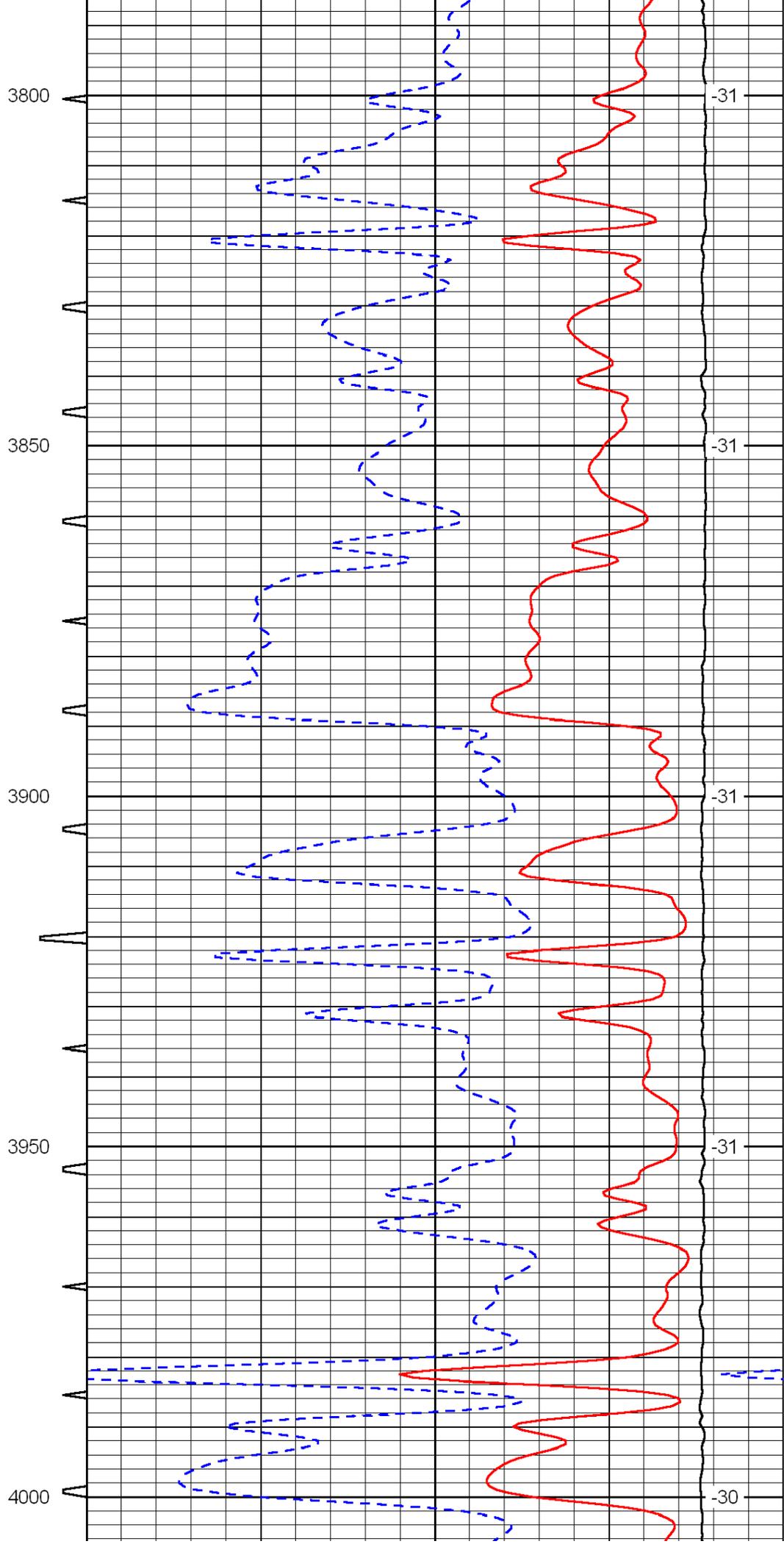
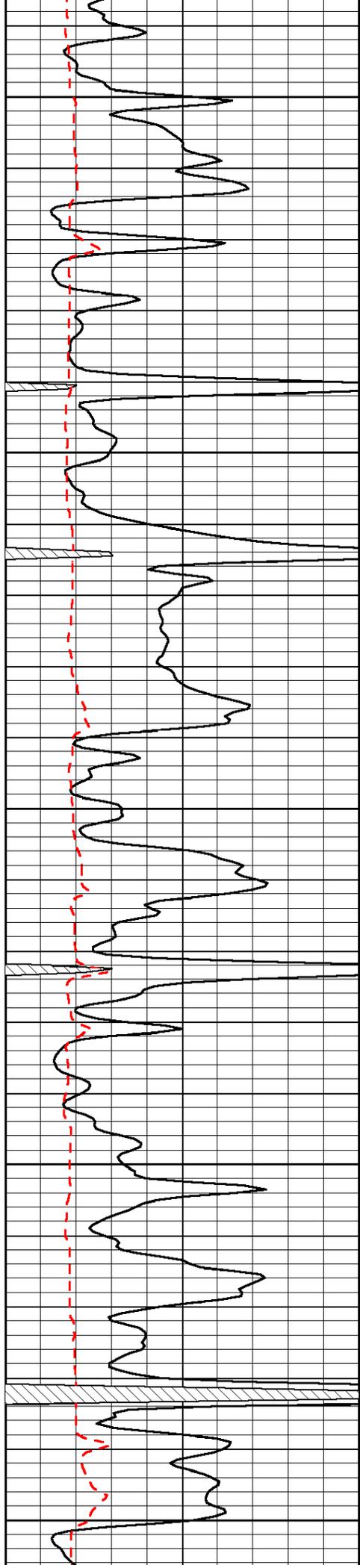


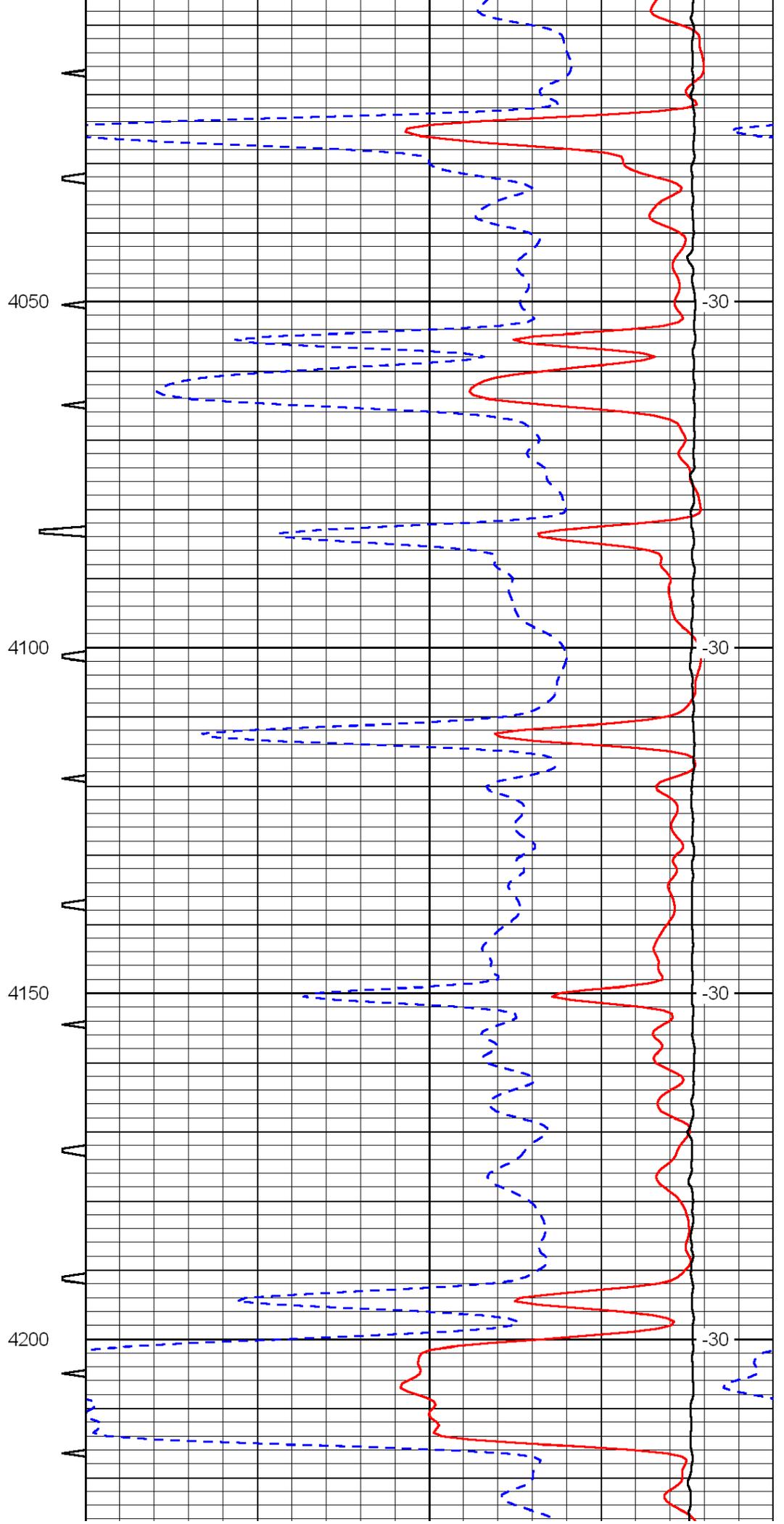
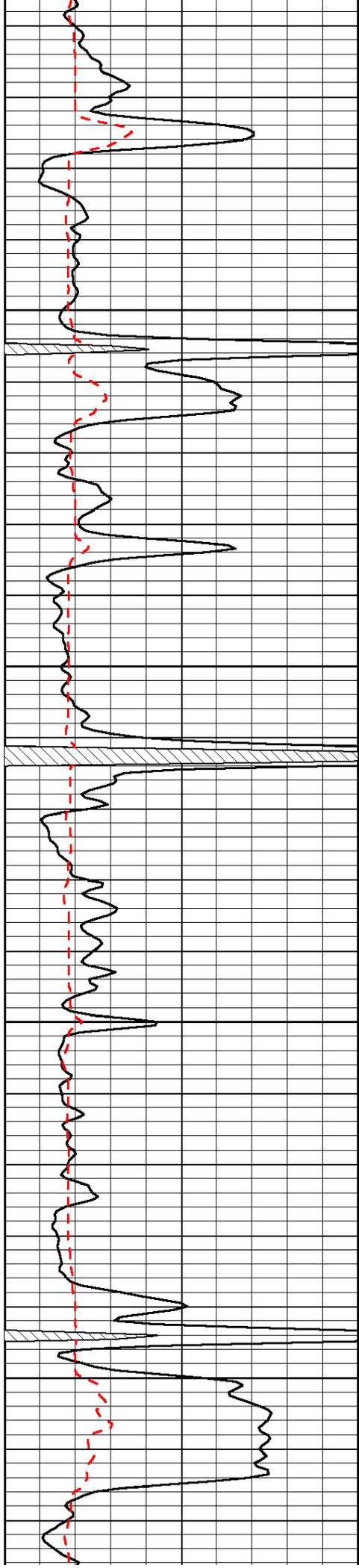


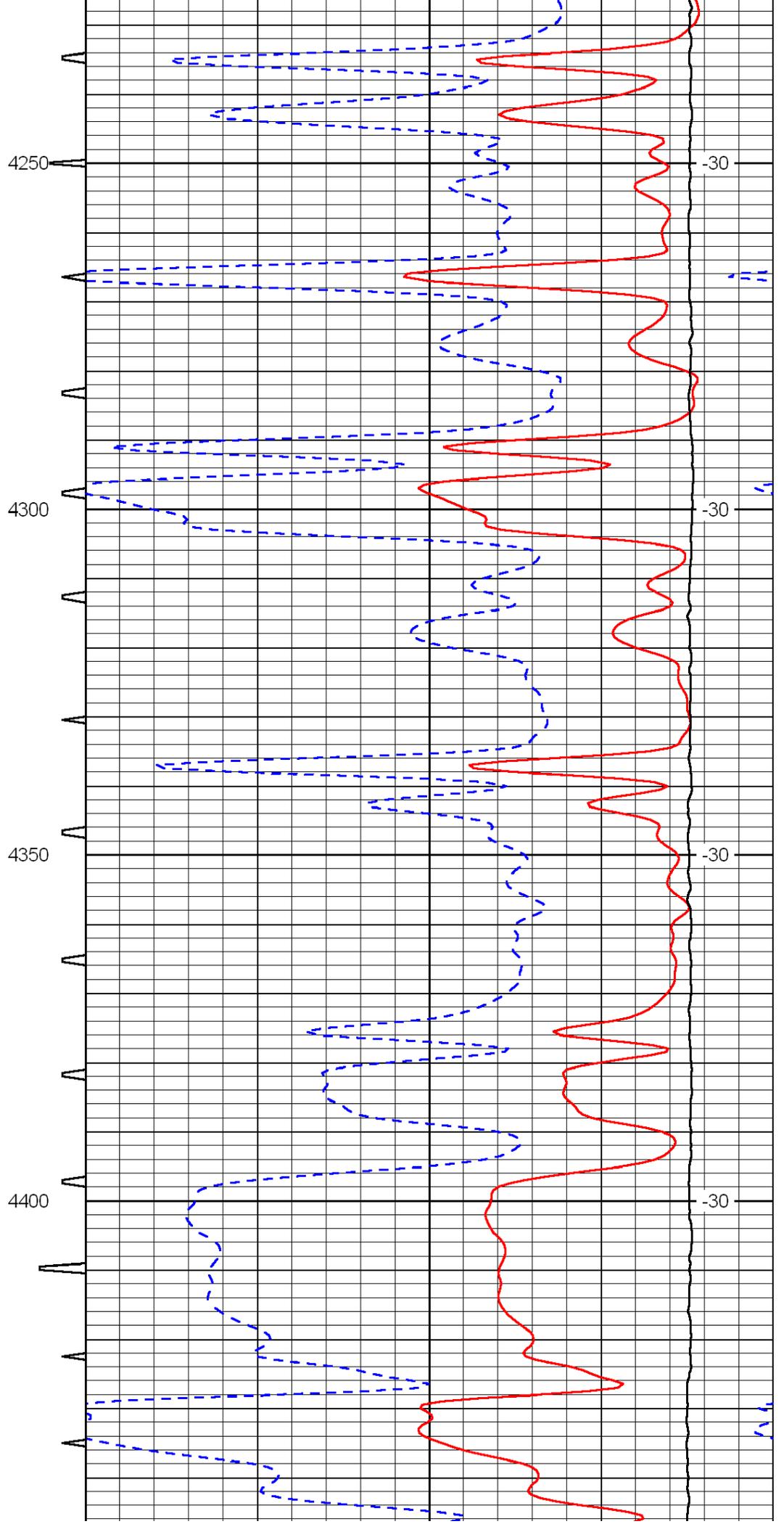
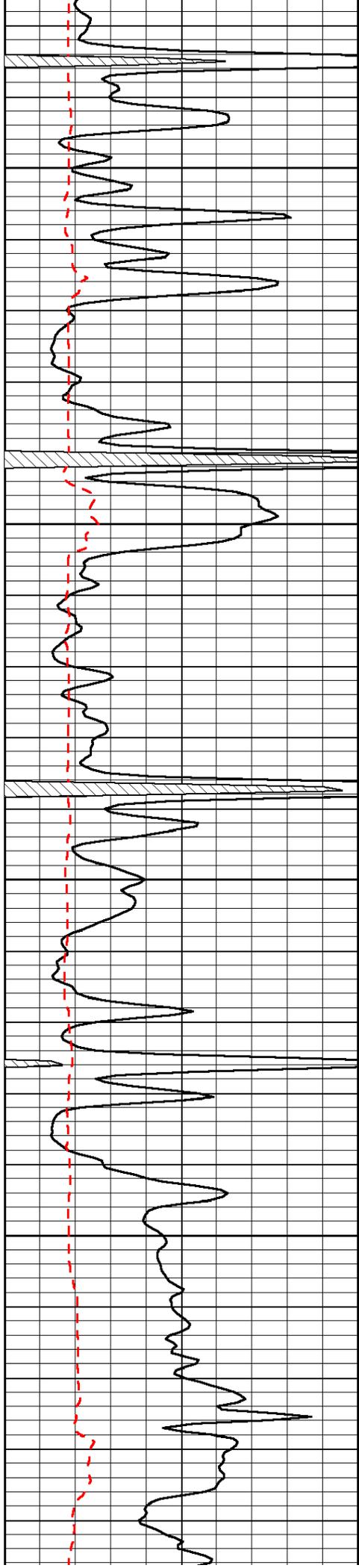


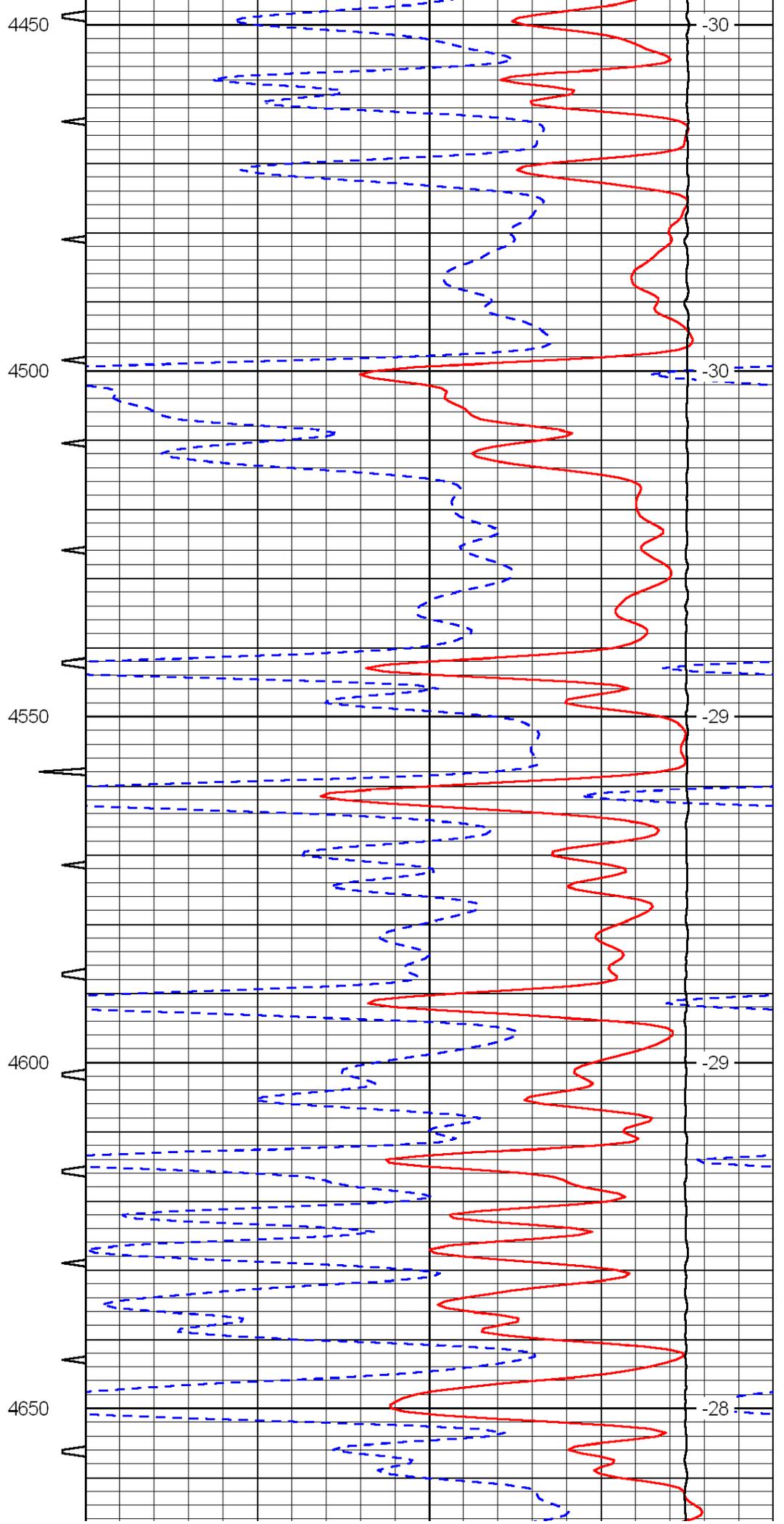
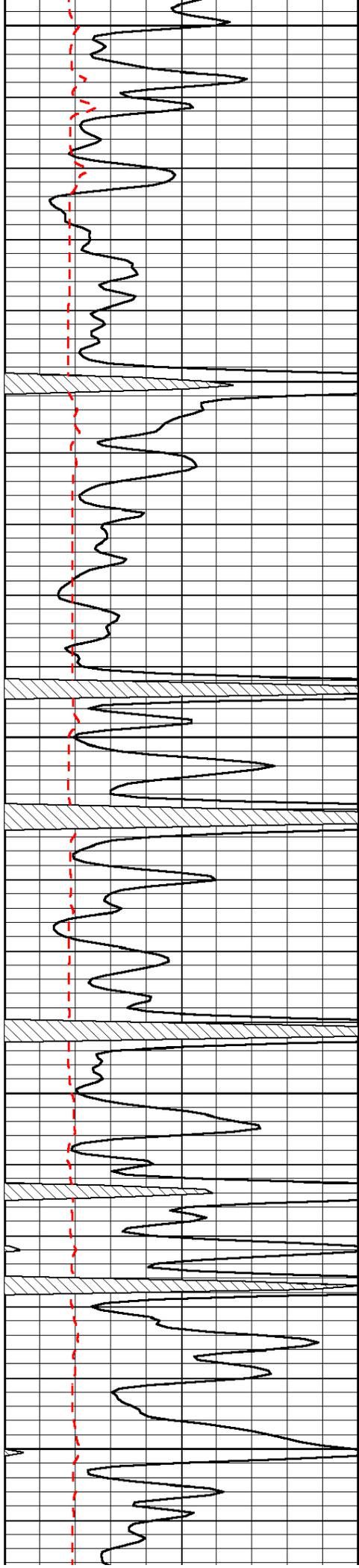


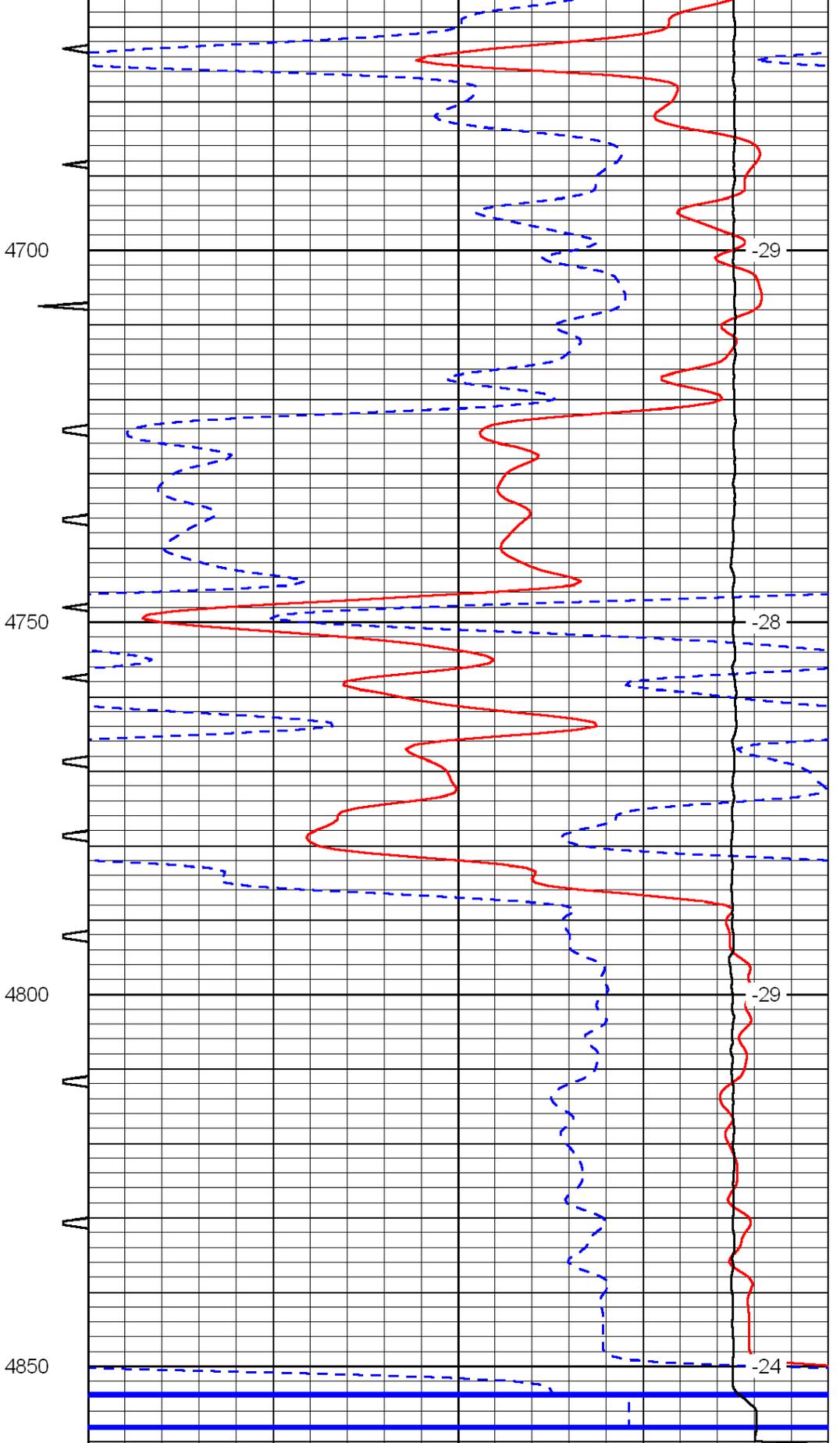
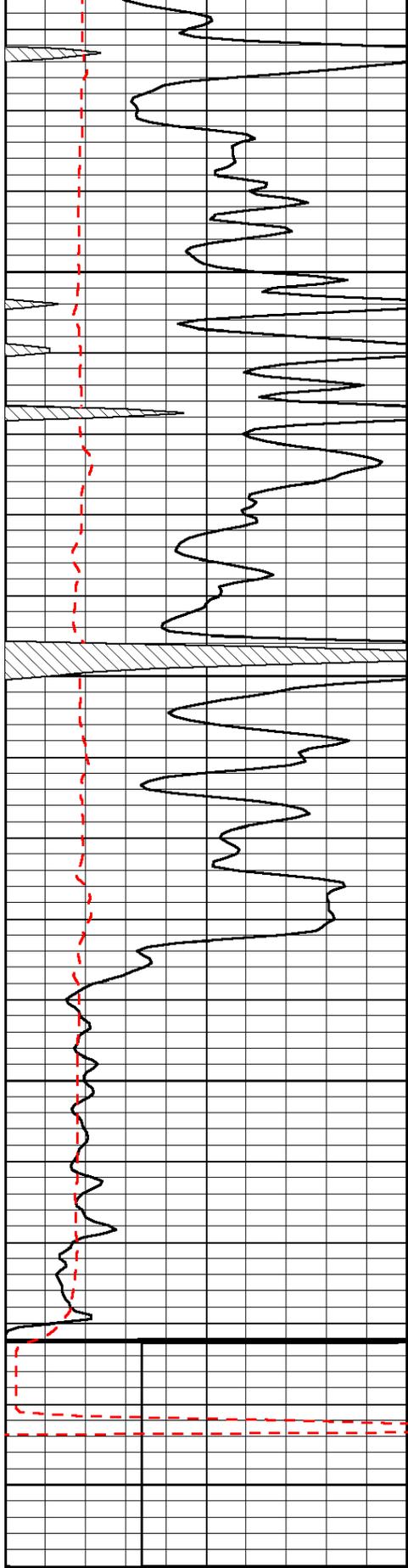












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