



**Borehole Compensated
Sonic Log**

DIGITAL LOG (785) 625-3858

API No.	15-109-20,975-00-00		
Company	Murfin Drilling Co., Inc.		
Well	Kuhlman 'E' No. 1-35		
Field	Wildcat		
County	Logan	State	Kansas
Location	SE NW NW SW 2,280' FSL & 335' FWL		
Sec: 35	Twp: 12 S	Rge: 32 W	Other Services CNL/CDL MEL/DIL

Permanent Datum	Ground Level	Elevation 2972
Log Measured From	Kelly Bushing	5 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing	K.B. 2977 D.F. 2972 G.L. 2972

Date	1/31/2011
Run Number	Two
Type Log	BHC Sonic
Depth Driller	4650
Depth Logger	4649
Bottom Logged Interval	4638
Top Logged Interval	200
Type Fluid In Hole	Chemical
Salinity, PPM CL	1500
Density	9.1
Level	Full
Max. Rec. Temp. F	123
Operating Rig Time	6 Hours
Equipment -- Location	10 Days
Recorded By	J Schuler
Witnessed By	Tom Funk

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	222	8.625	24#	00	222
2	7.875	222	4650				

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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.

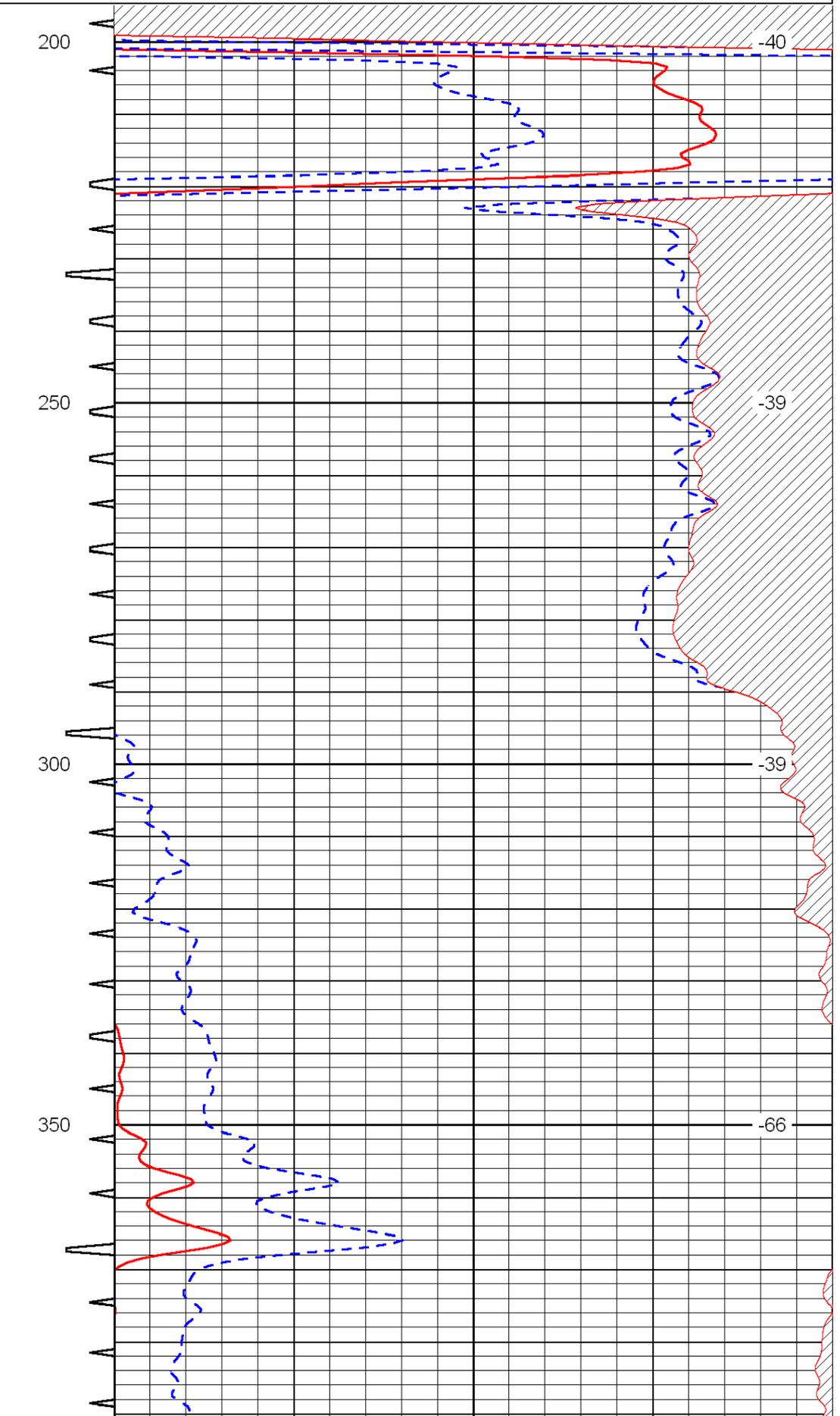
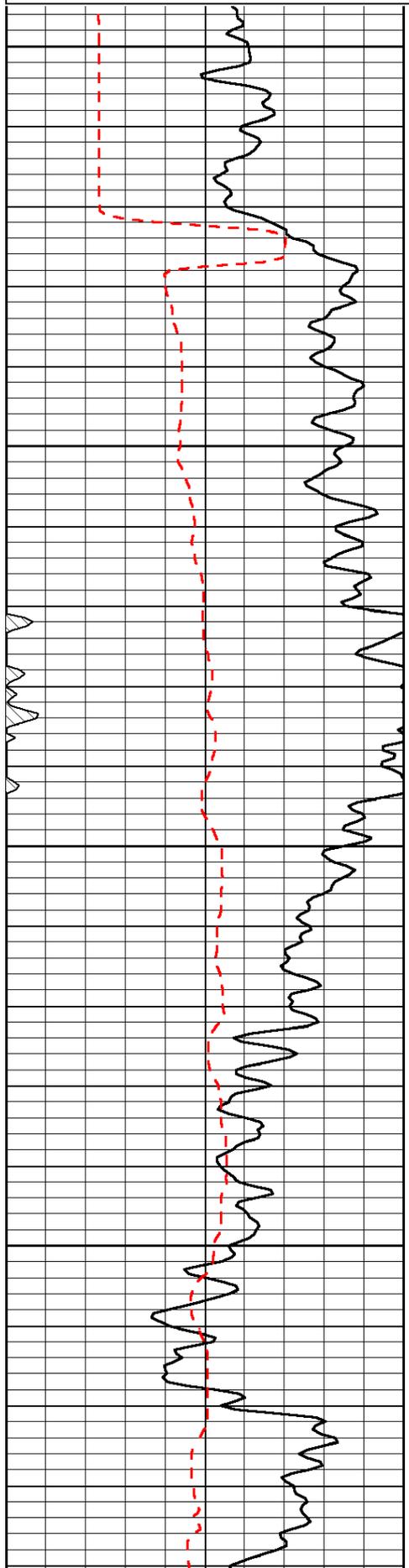
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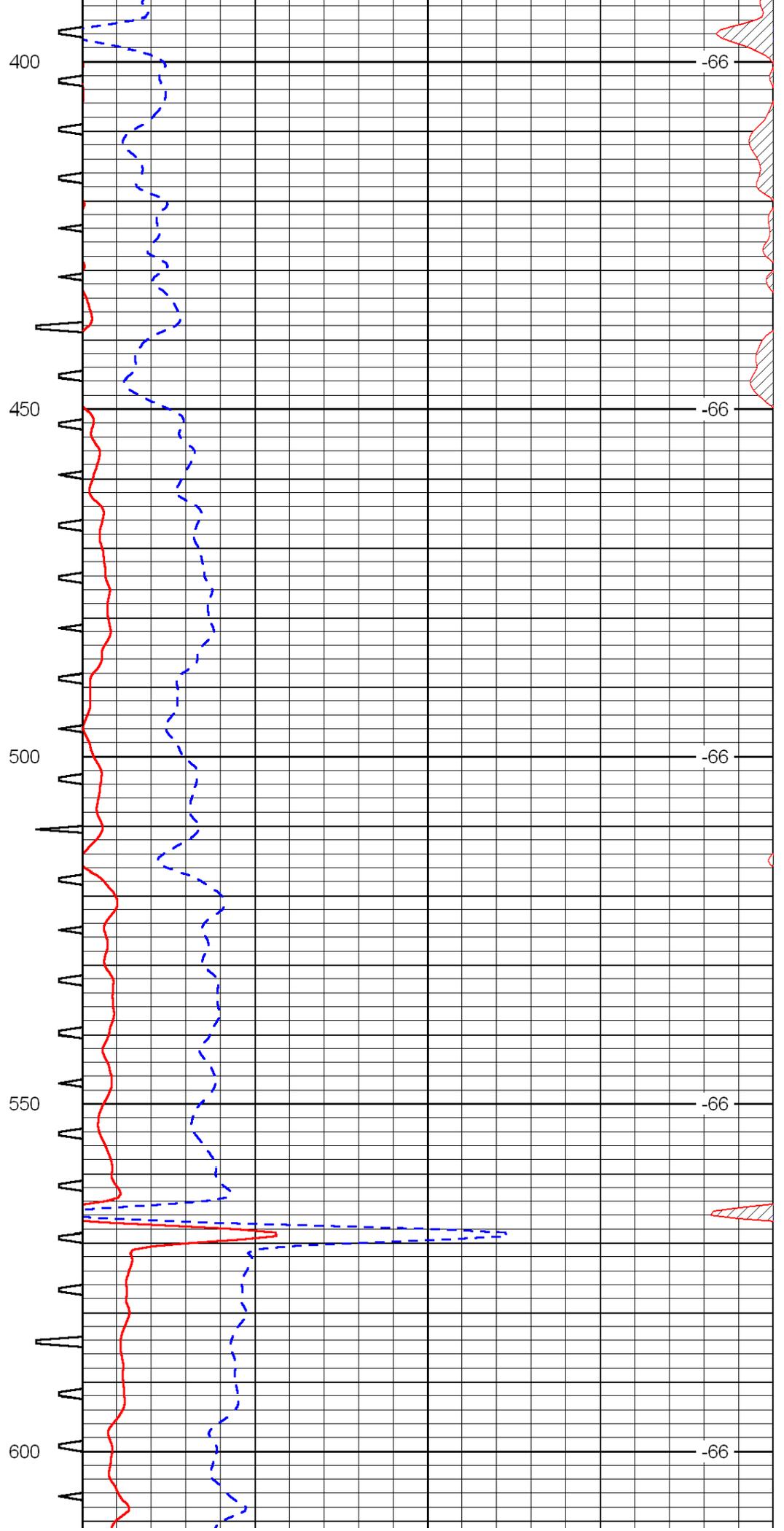
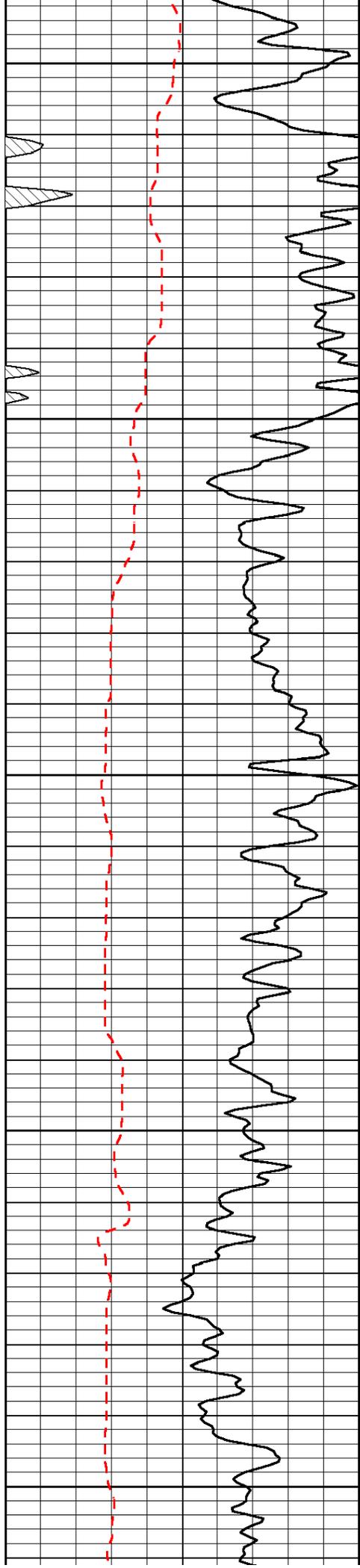
Thank you for using Log-Tech, Inc.
(785) 625-3858

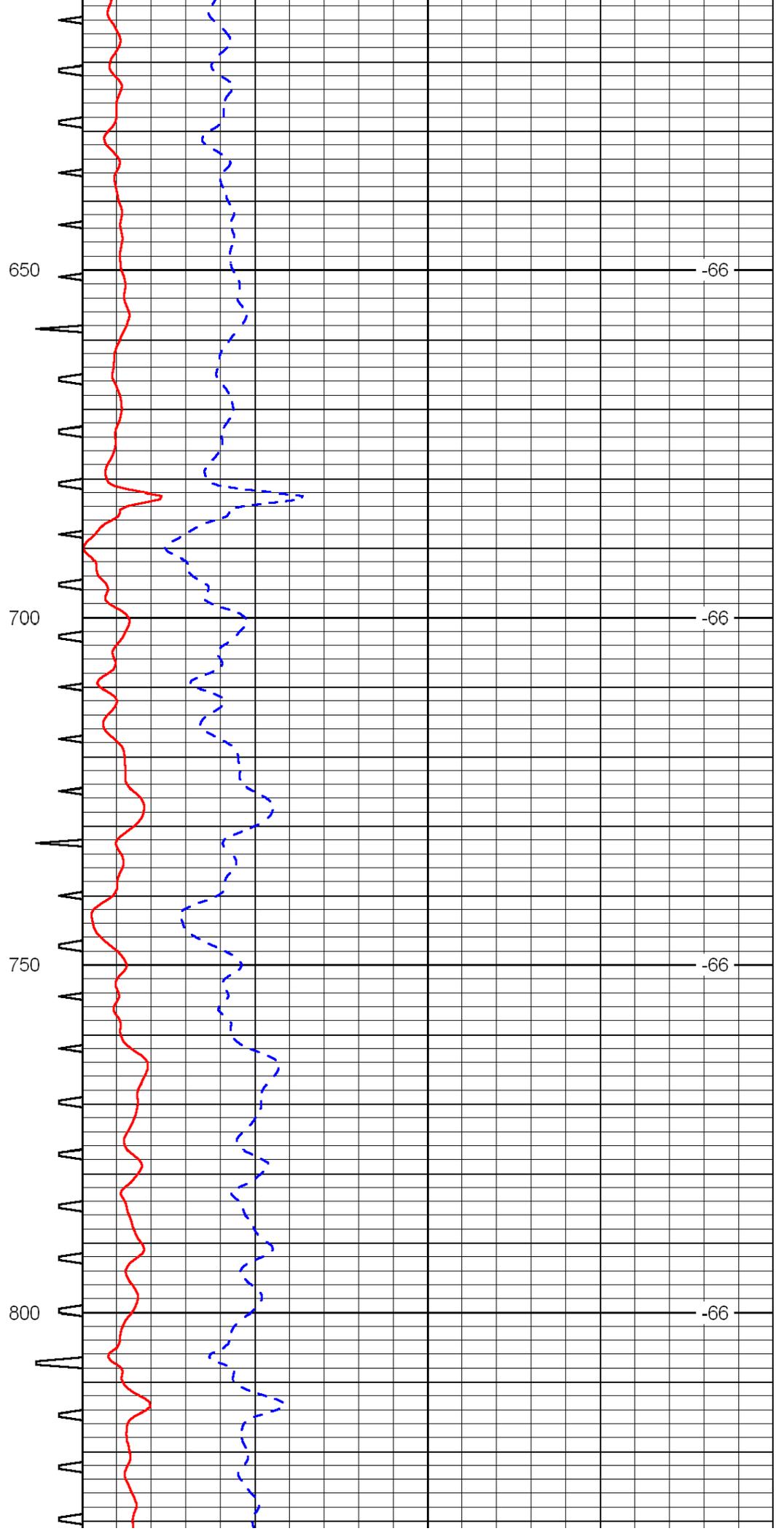
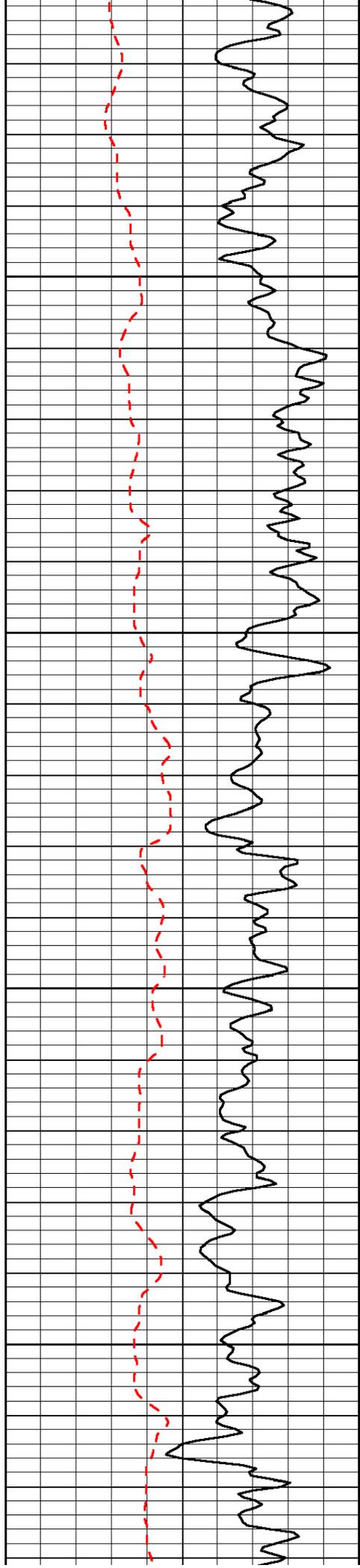
11 South of Oakley, East Into
1/2 Mile North of Gove Road

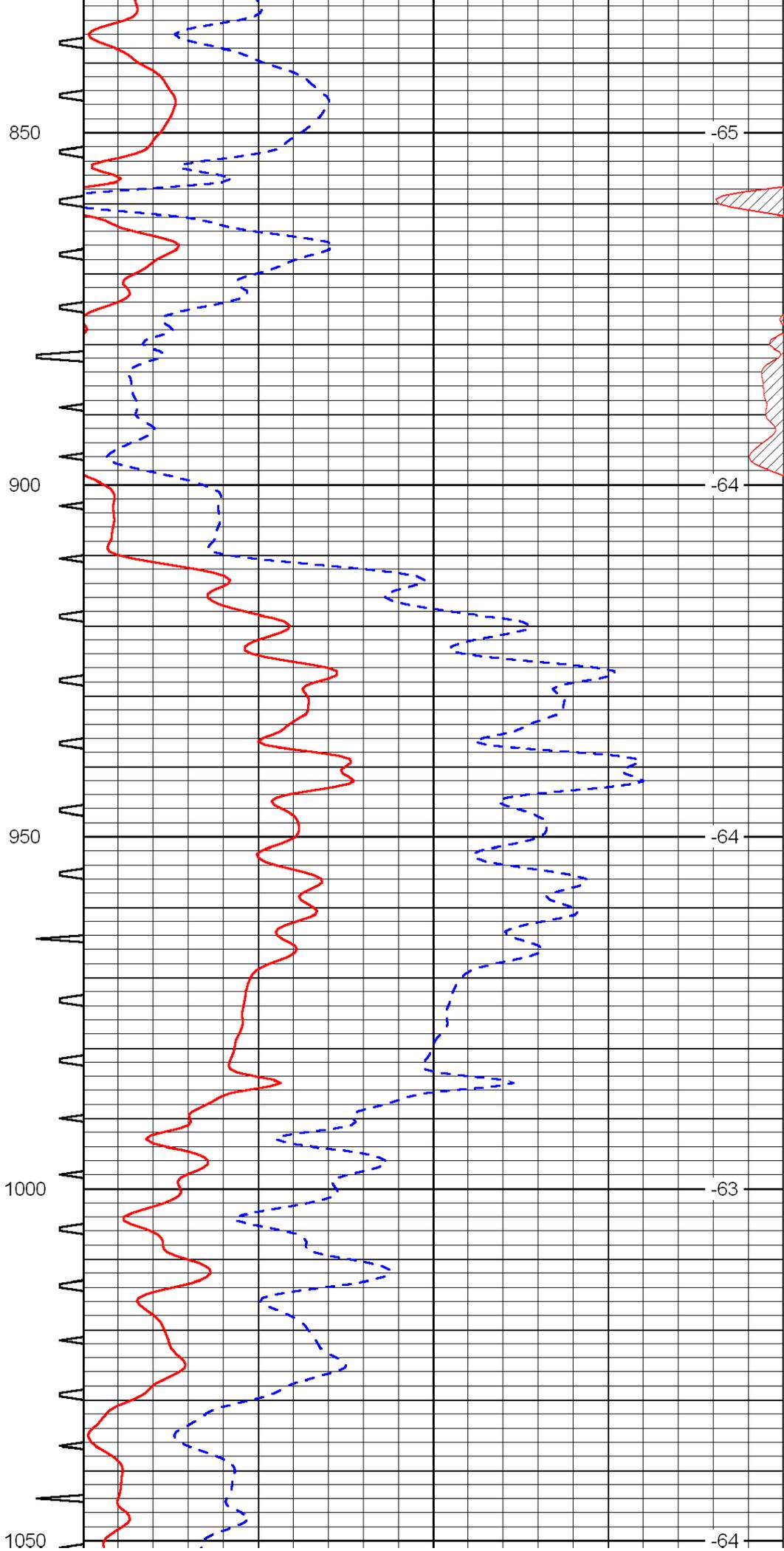
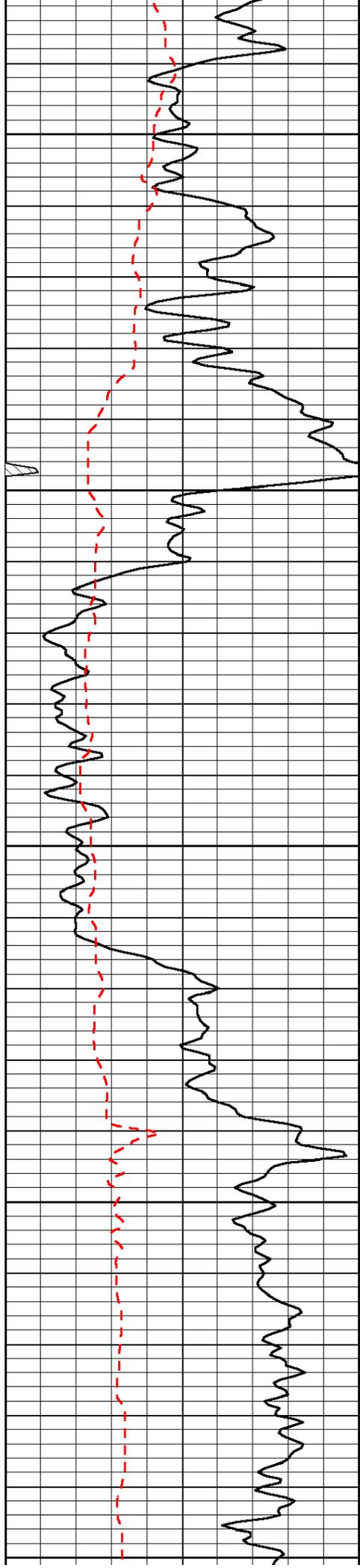
0	Gamma Ray	150	Sonic Int	140	Delta Time (usec/ft)	40
150	Gamma Ray	300	5	0	SPOR	-10
6	Caliper (GAPI)	16		15000	LTEN (lb)	0

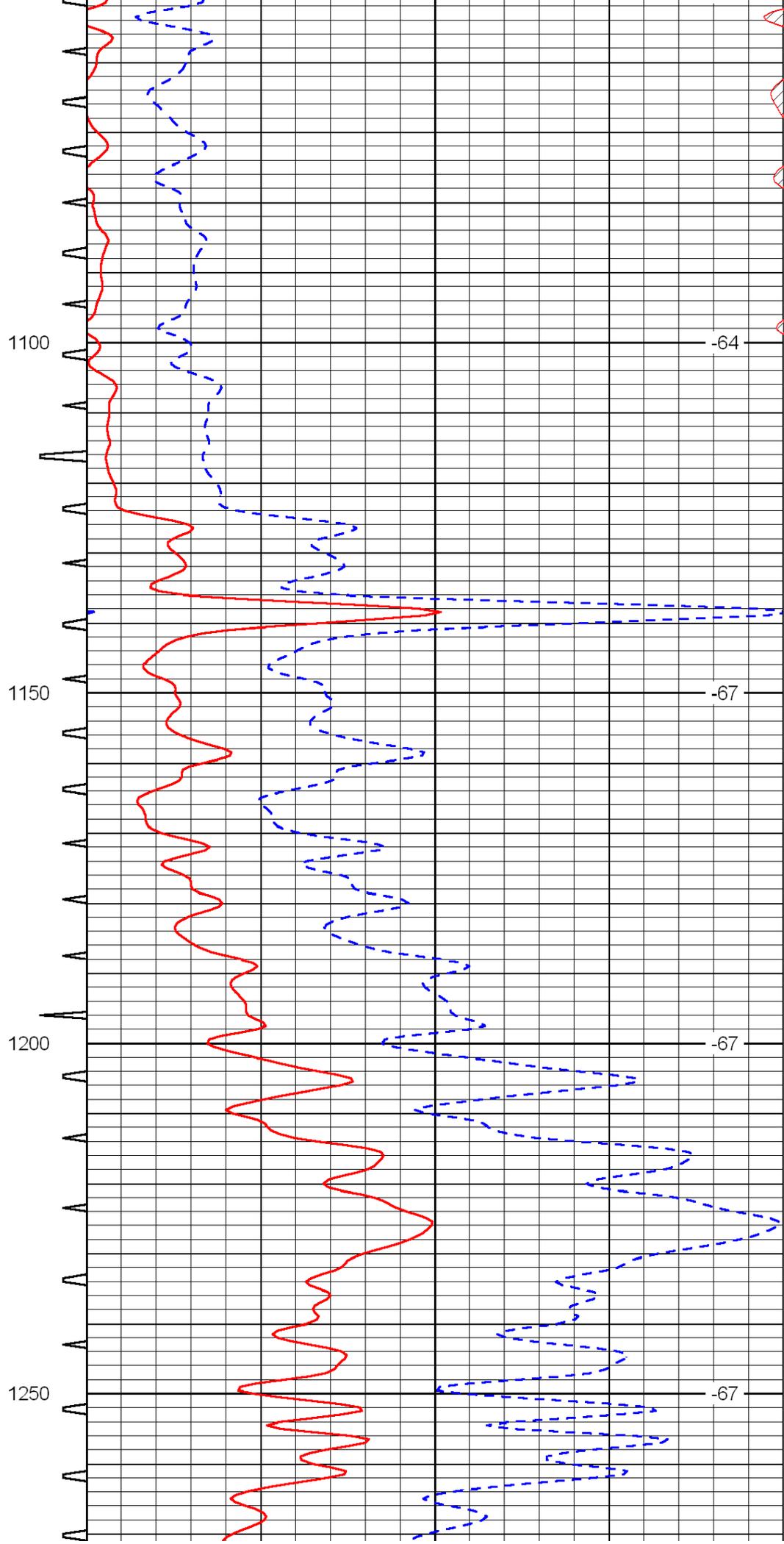
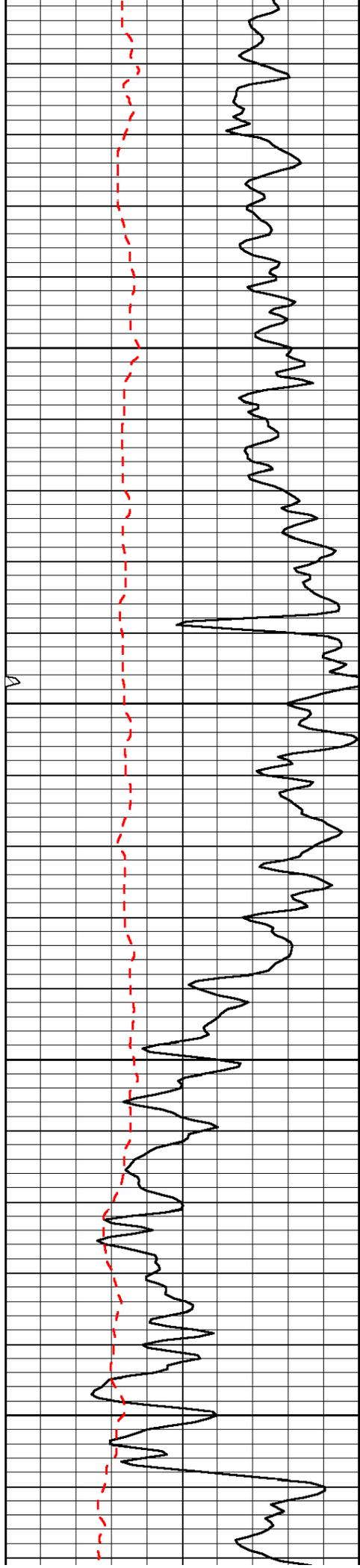
LSPD

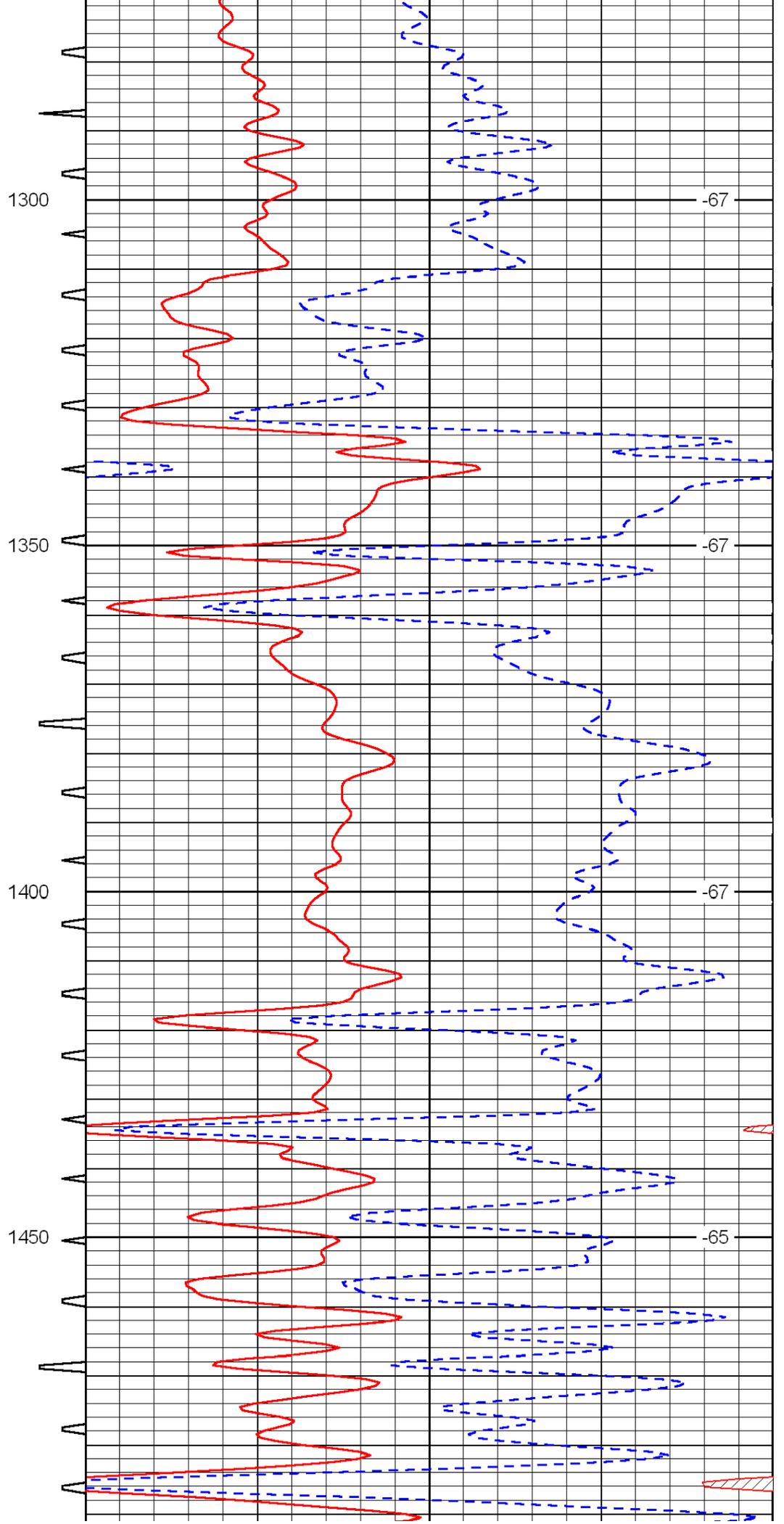
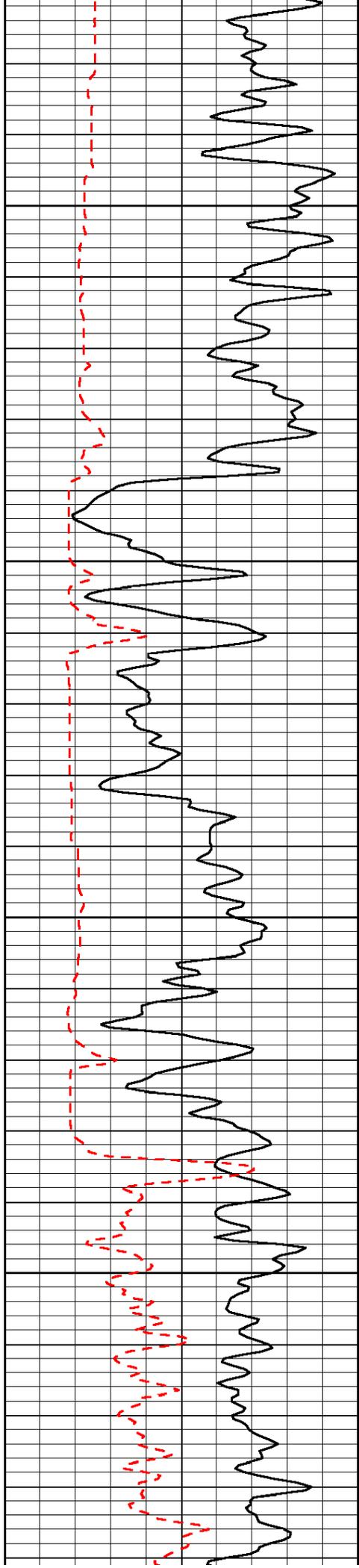


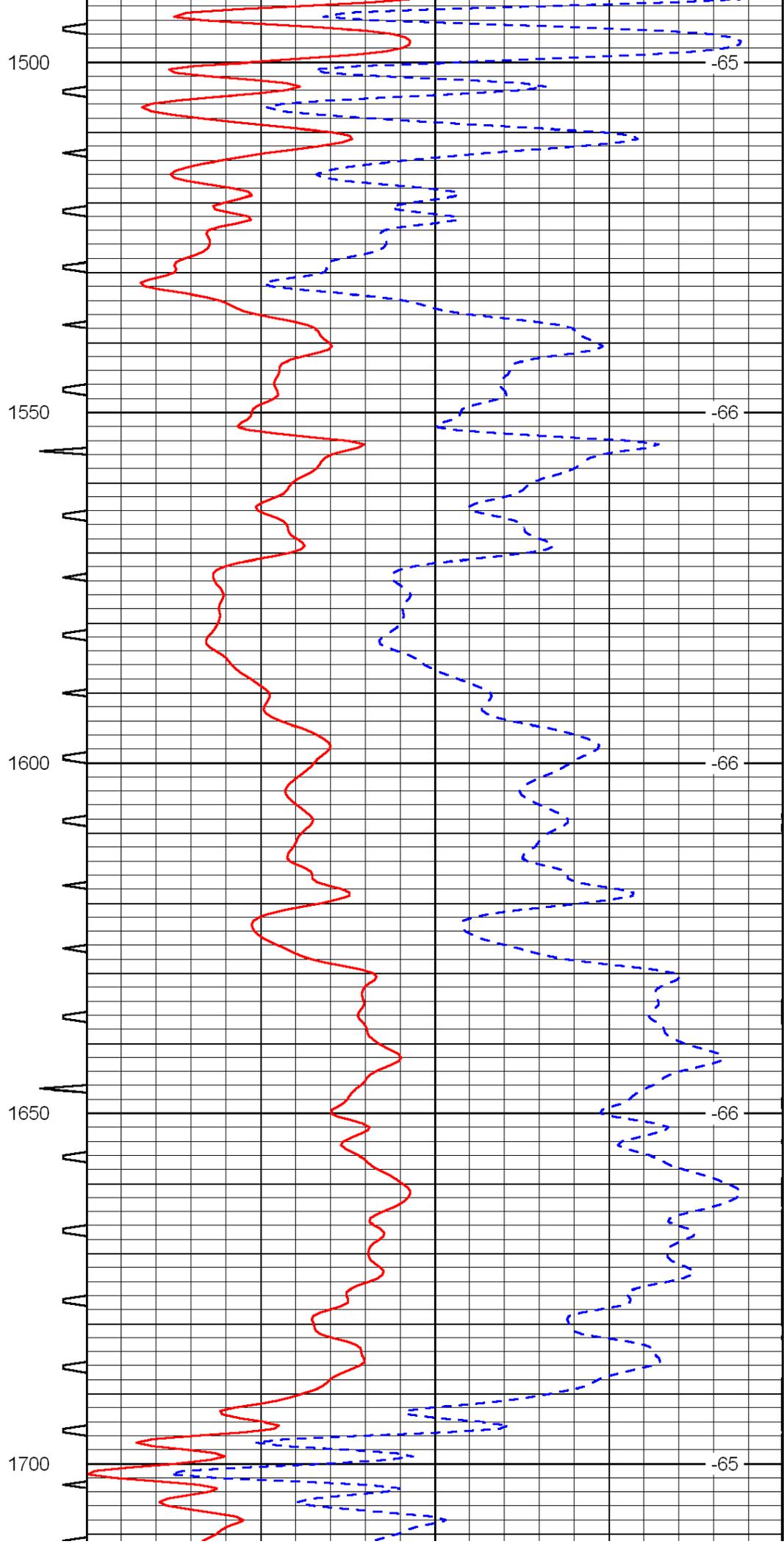
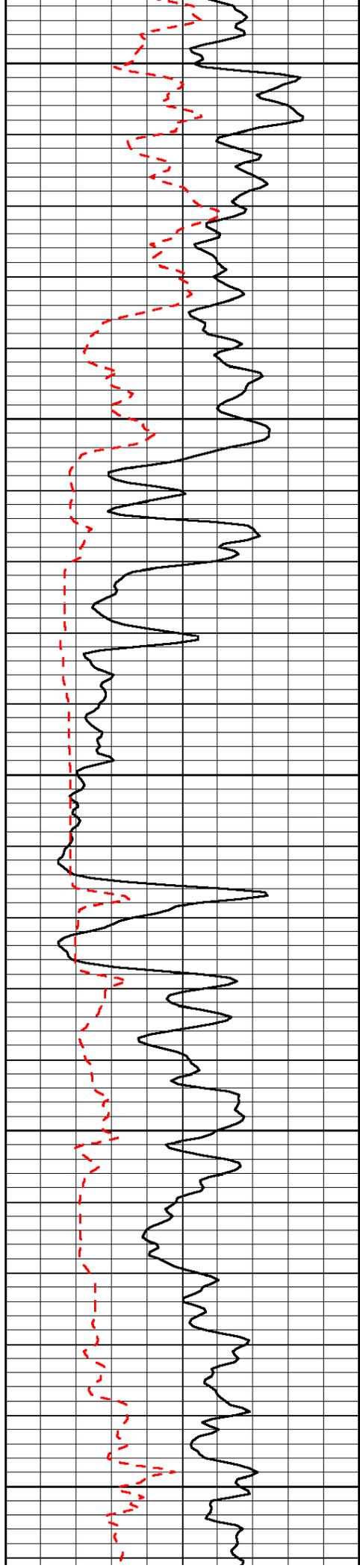


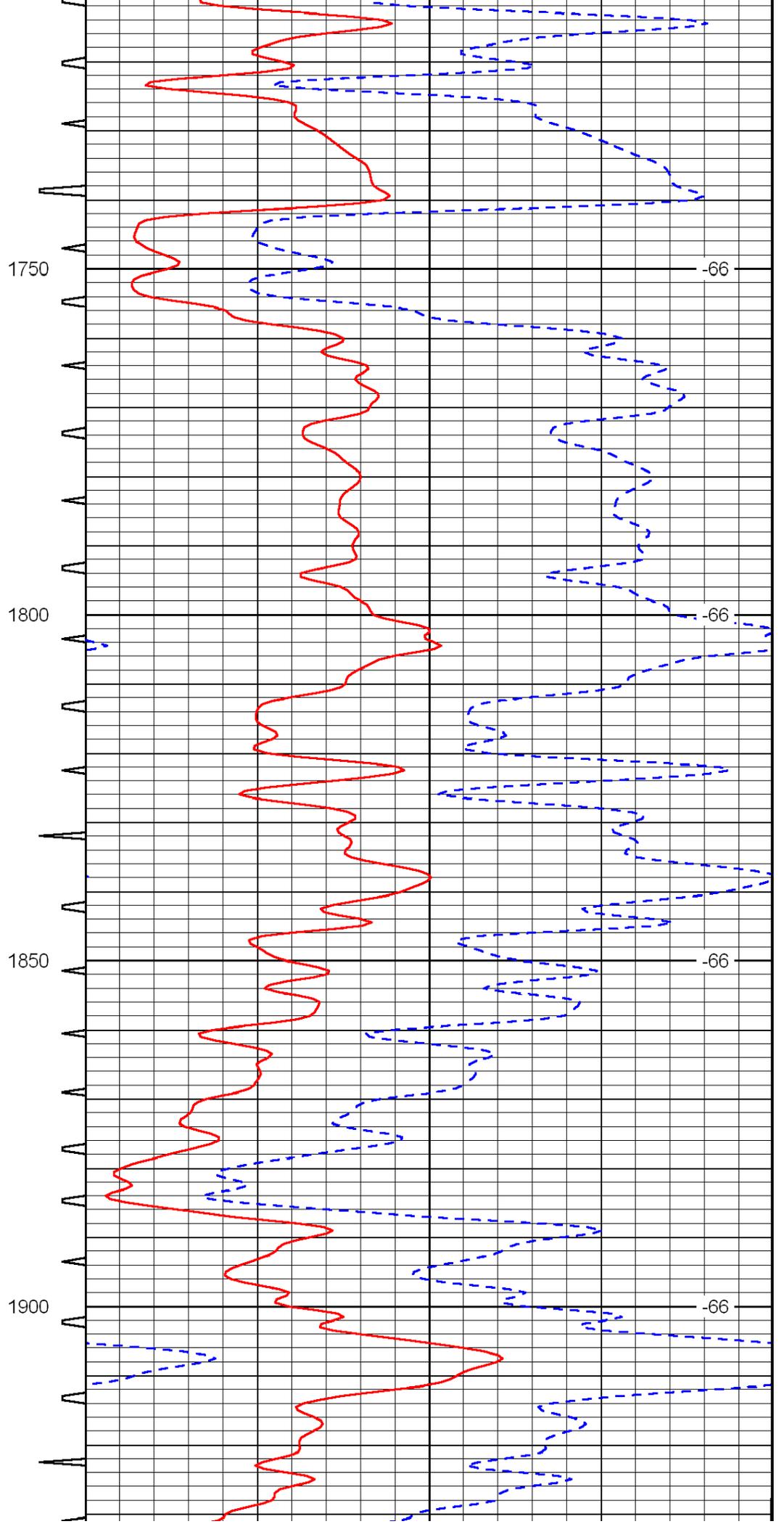
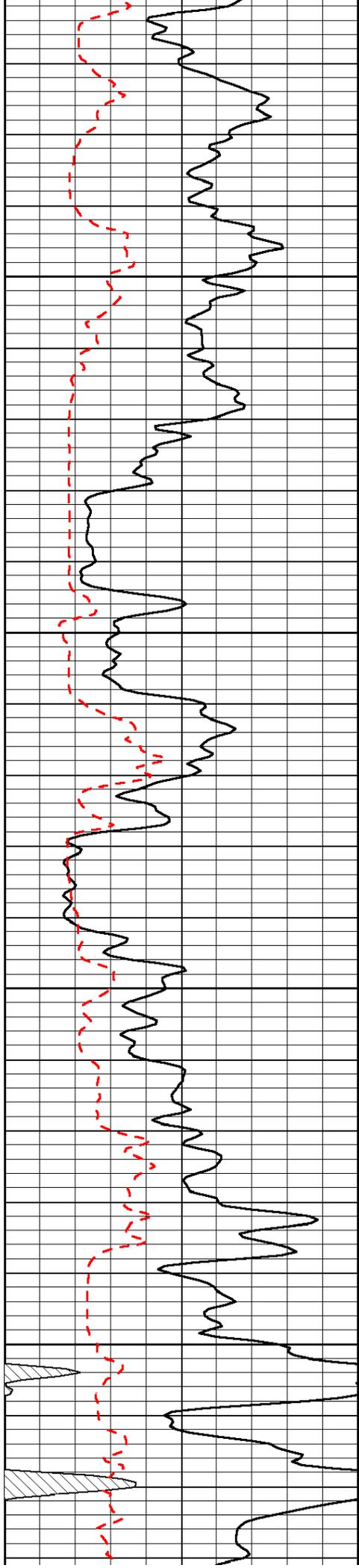


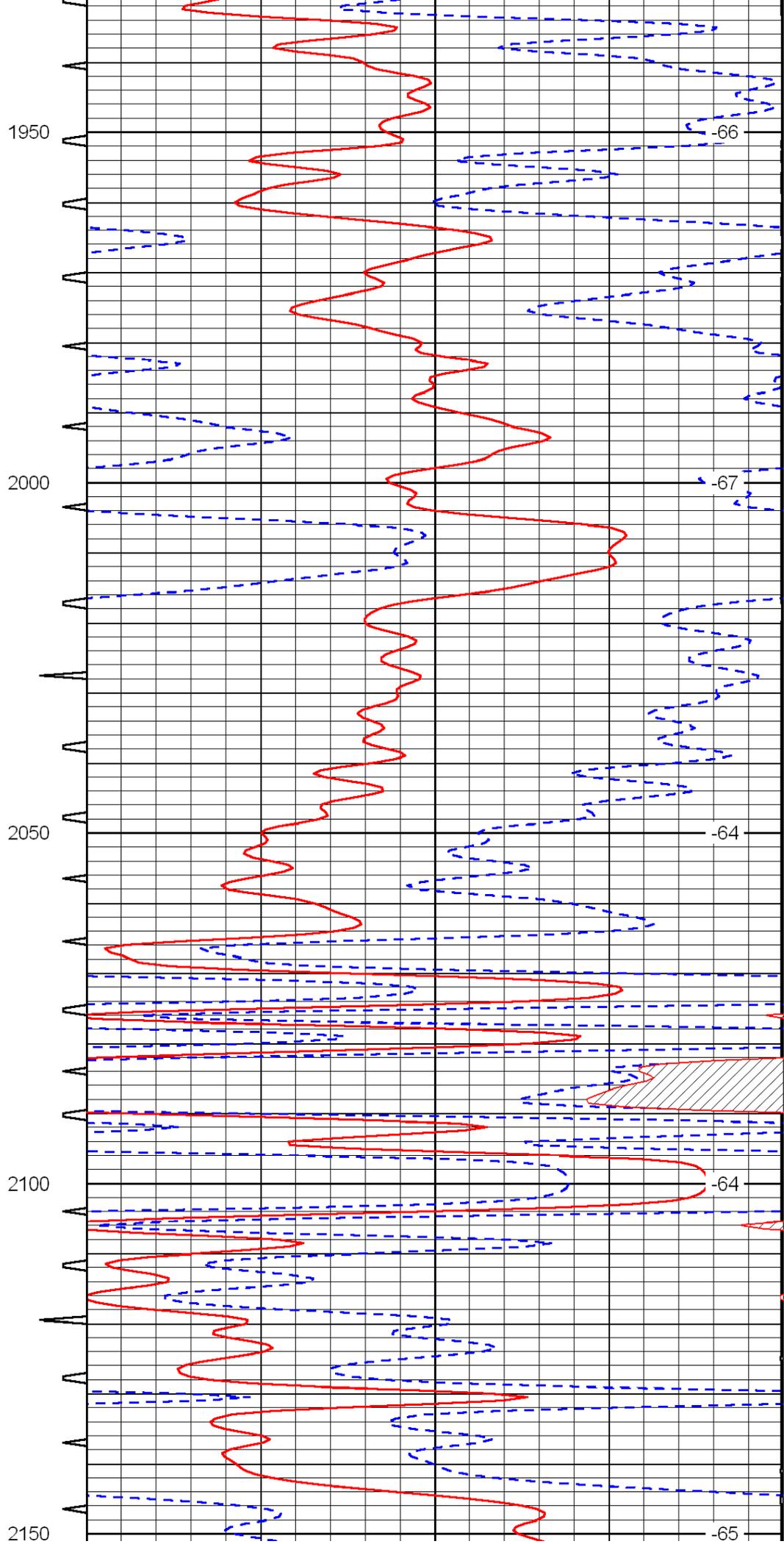
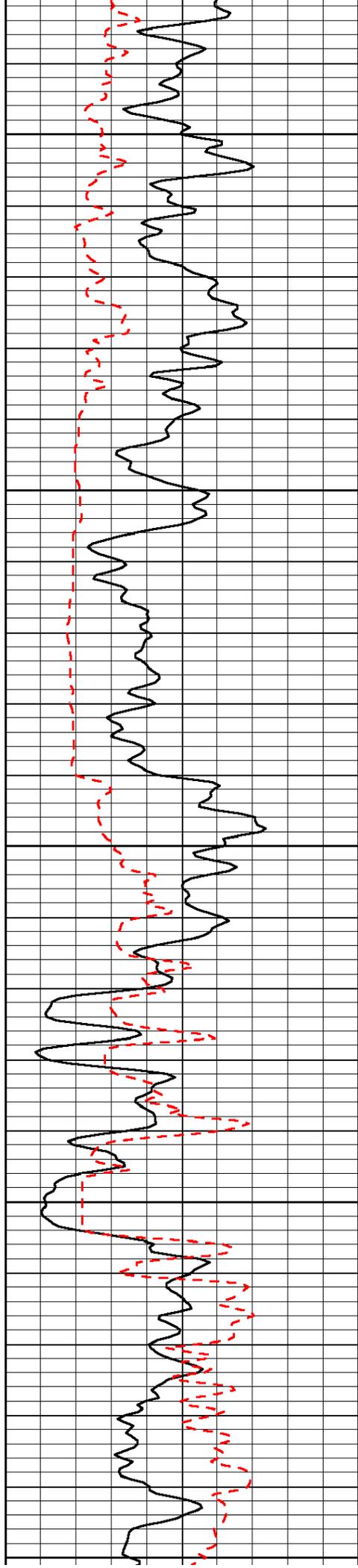


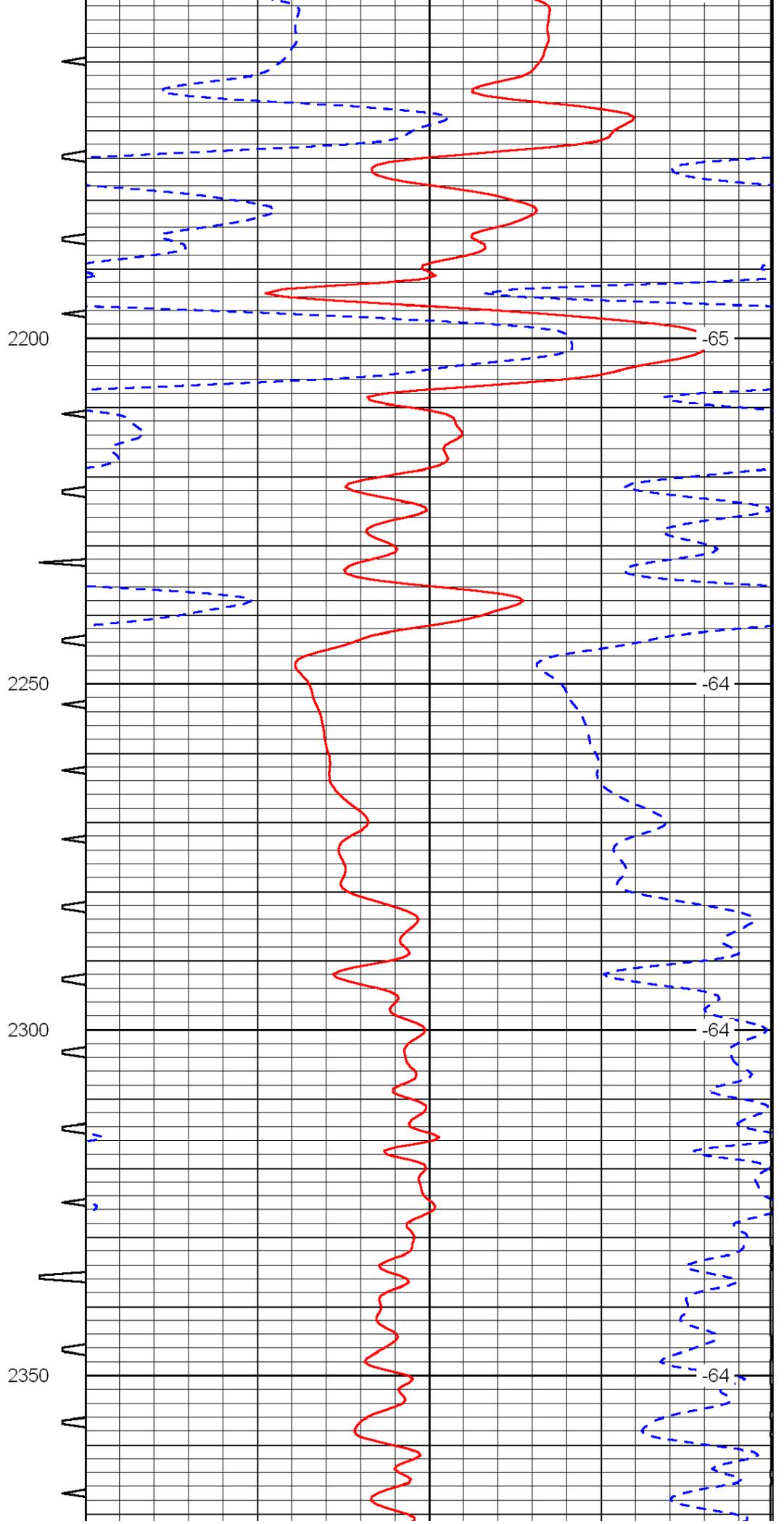
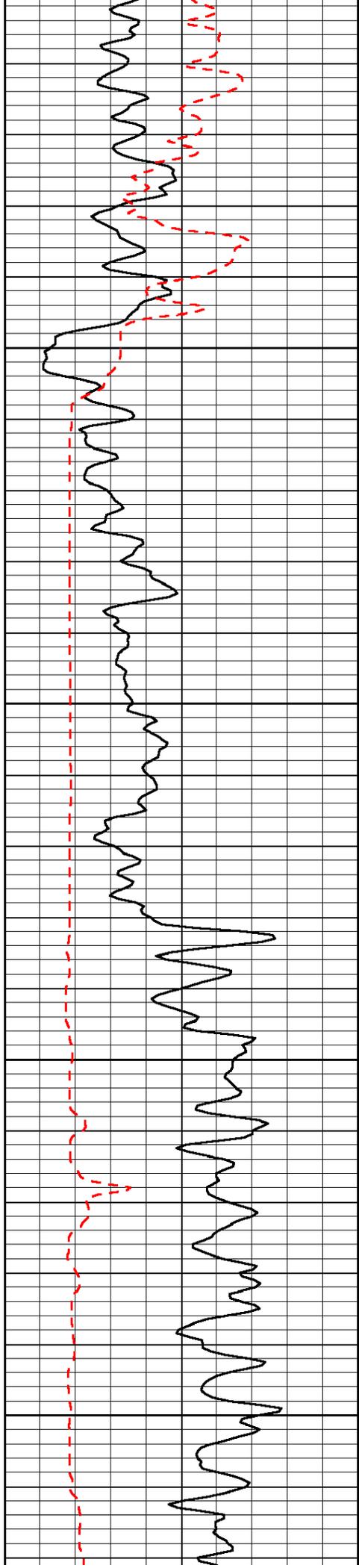


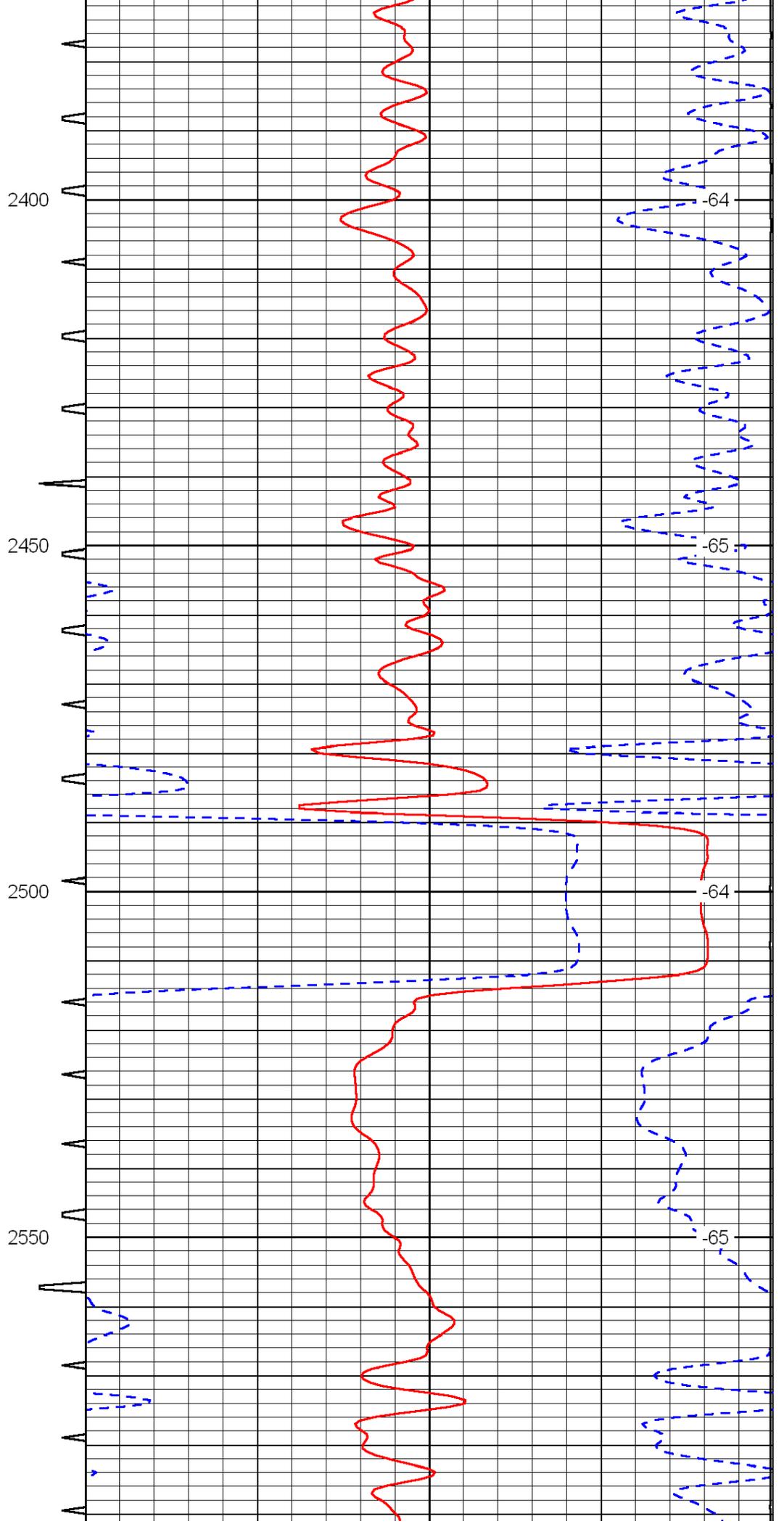
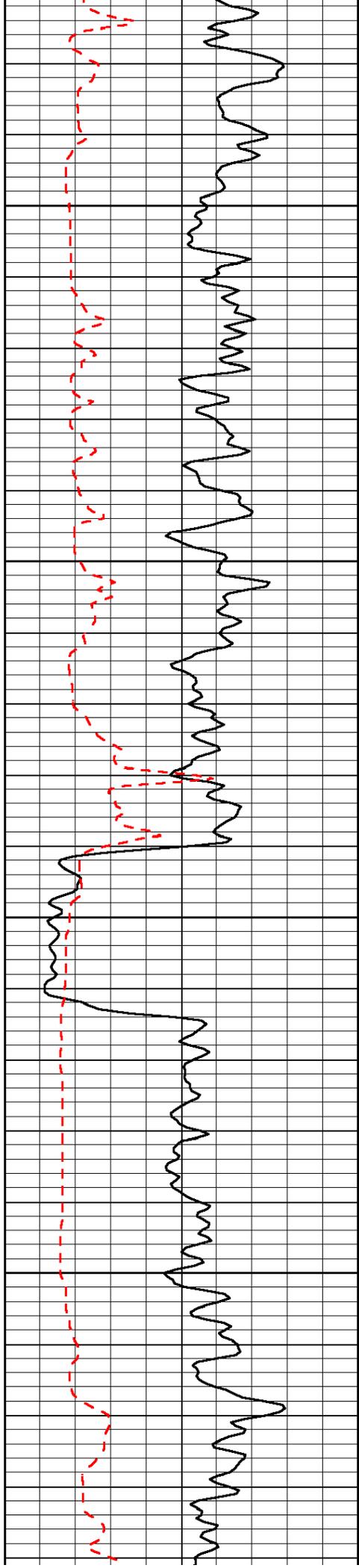


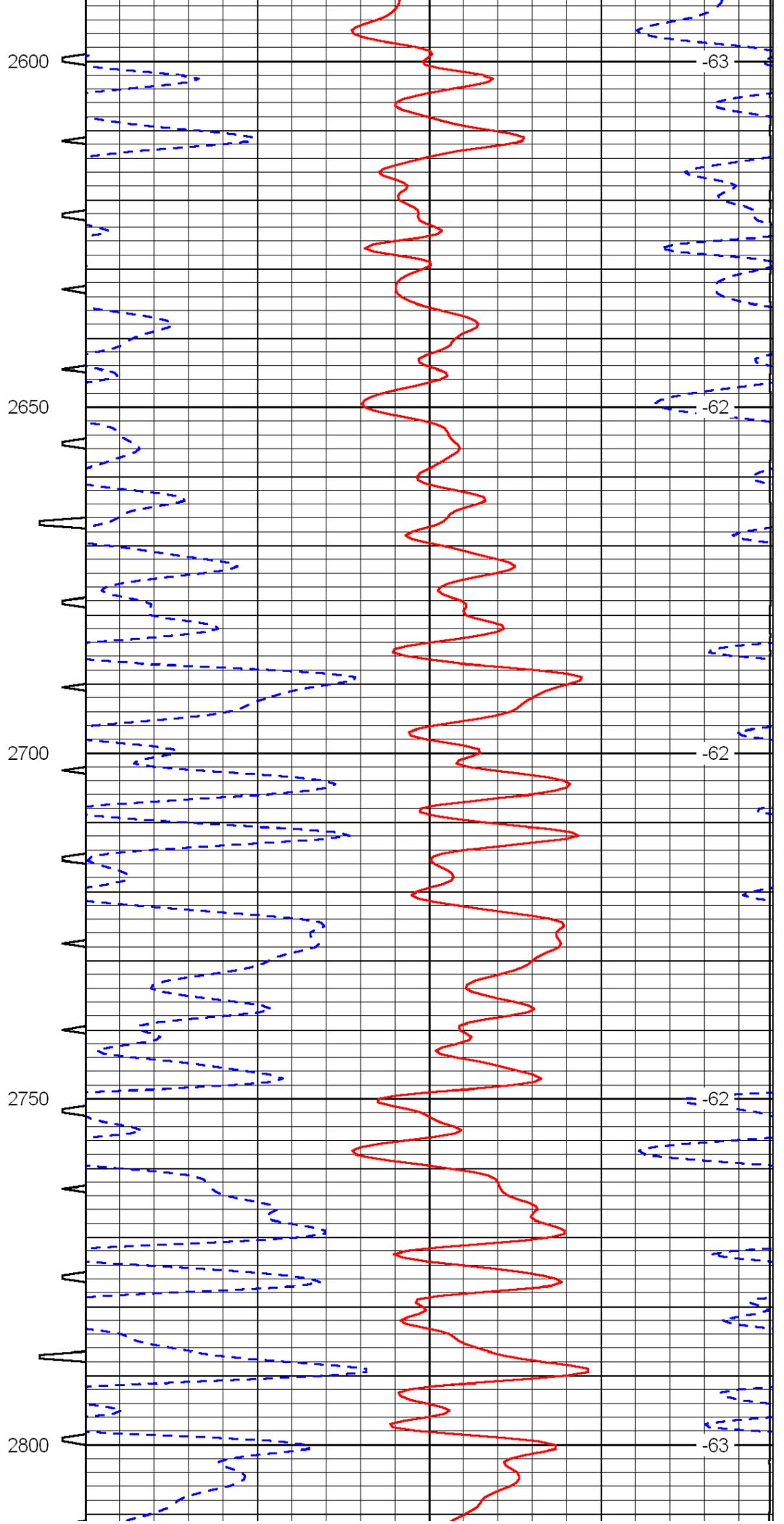
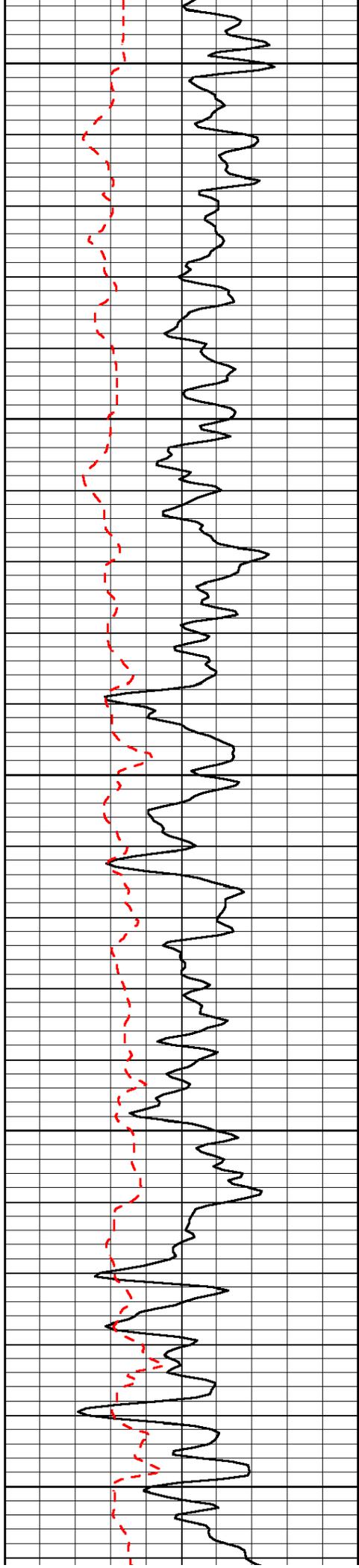


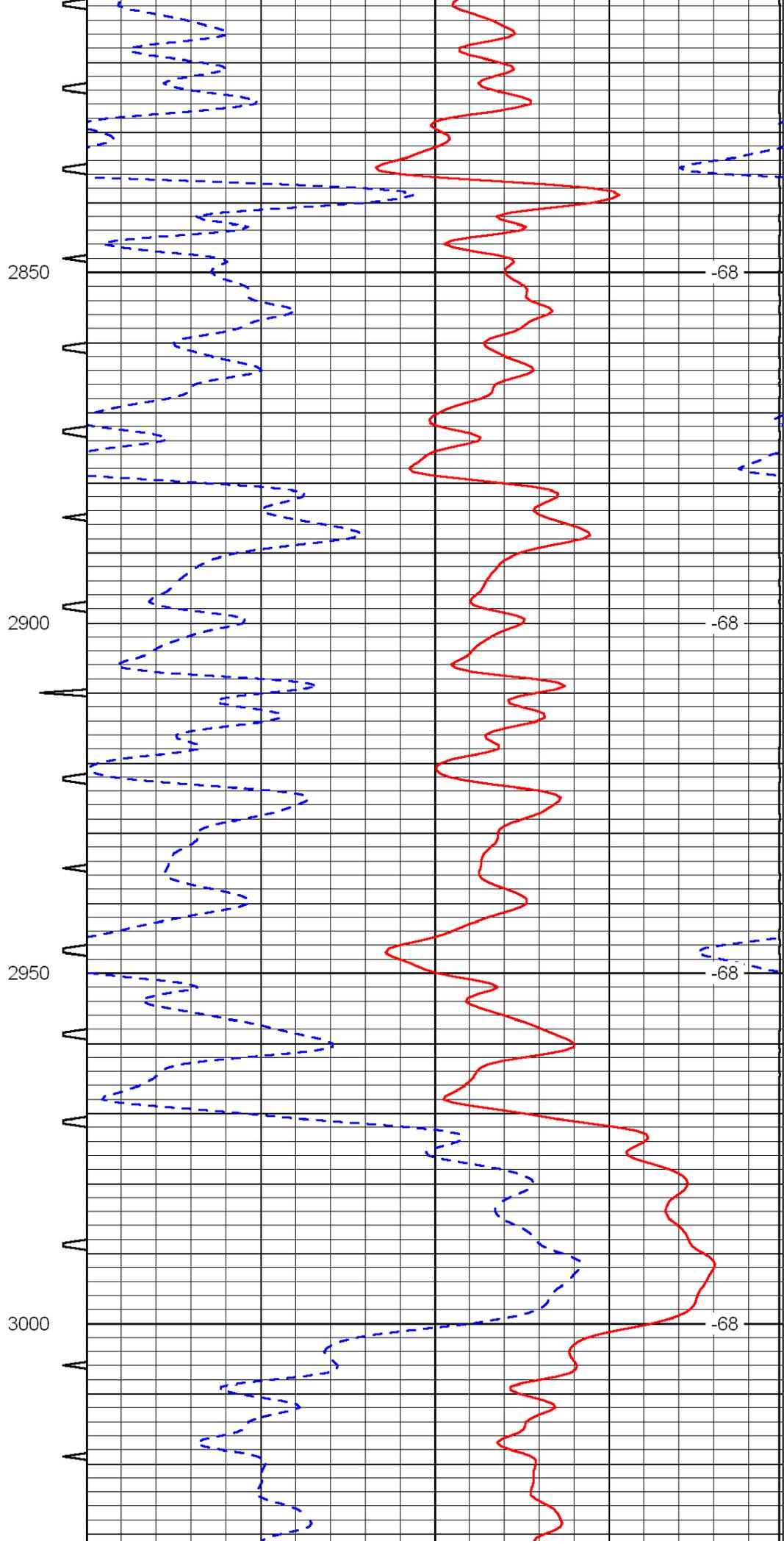
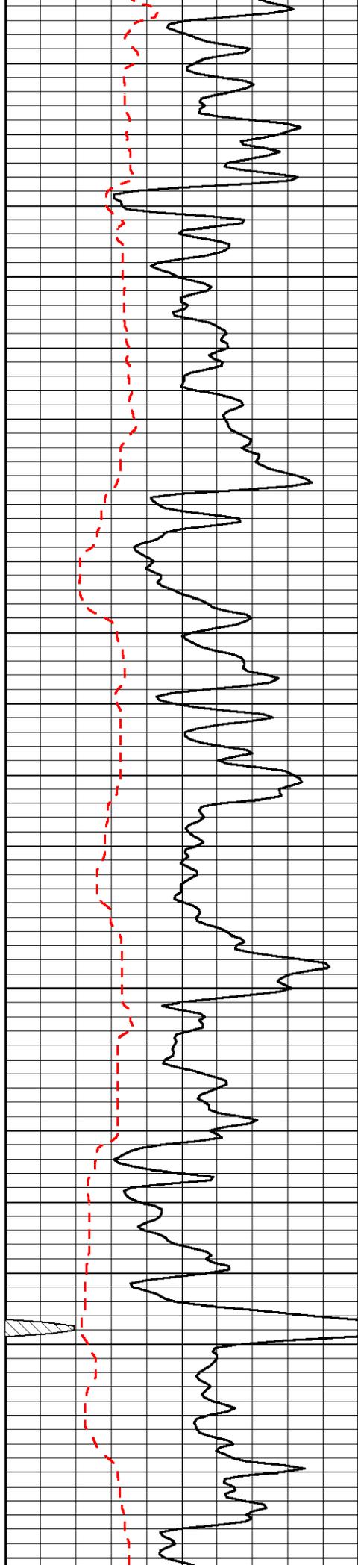


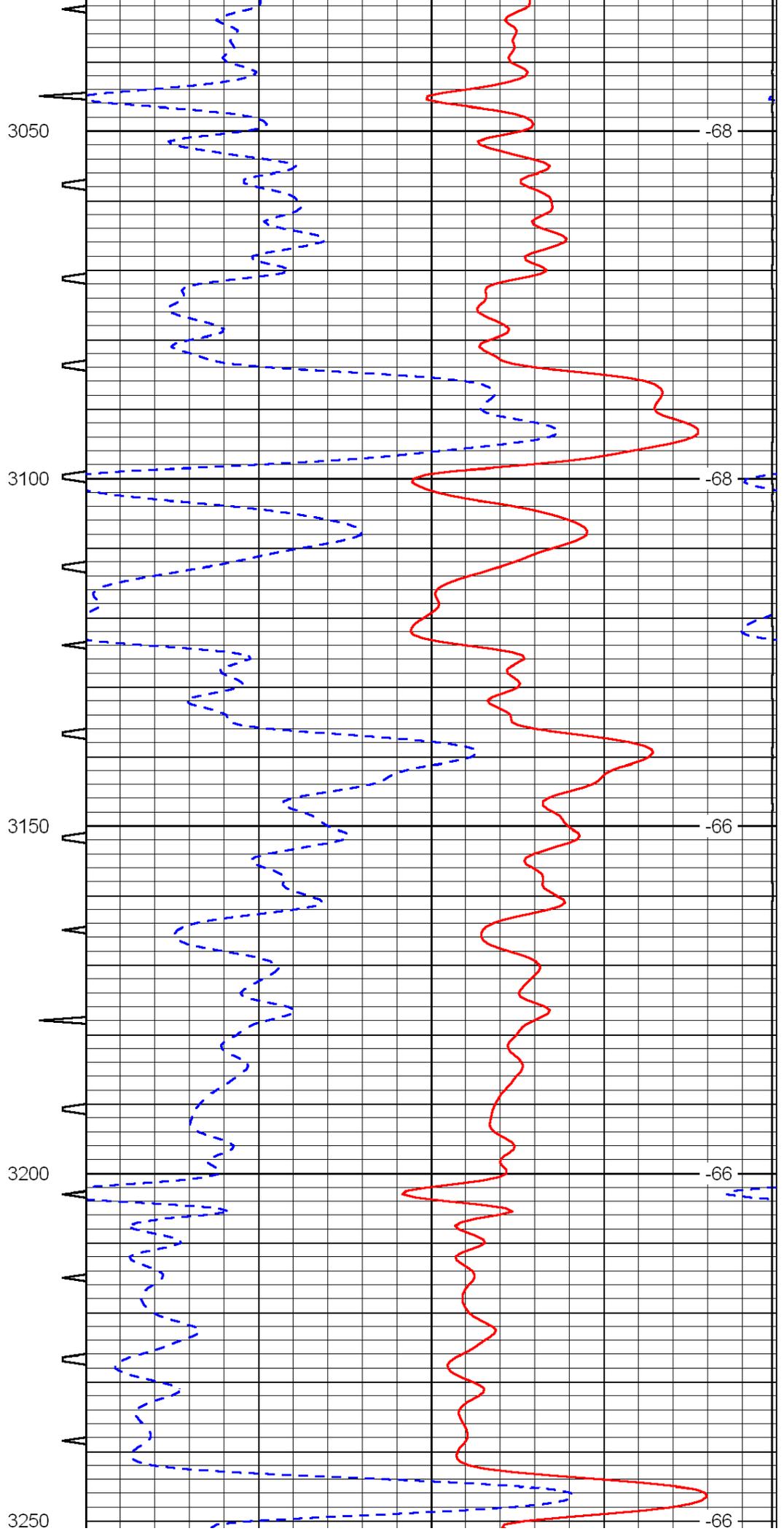
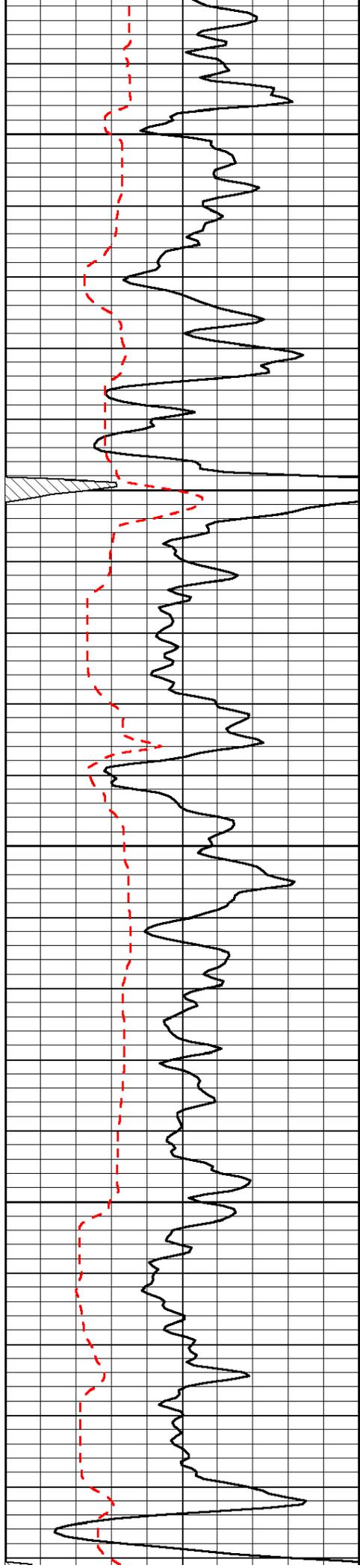


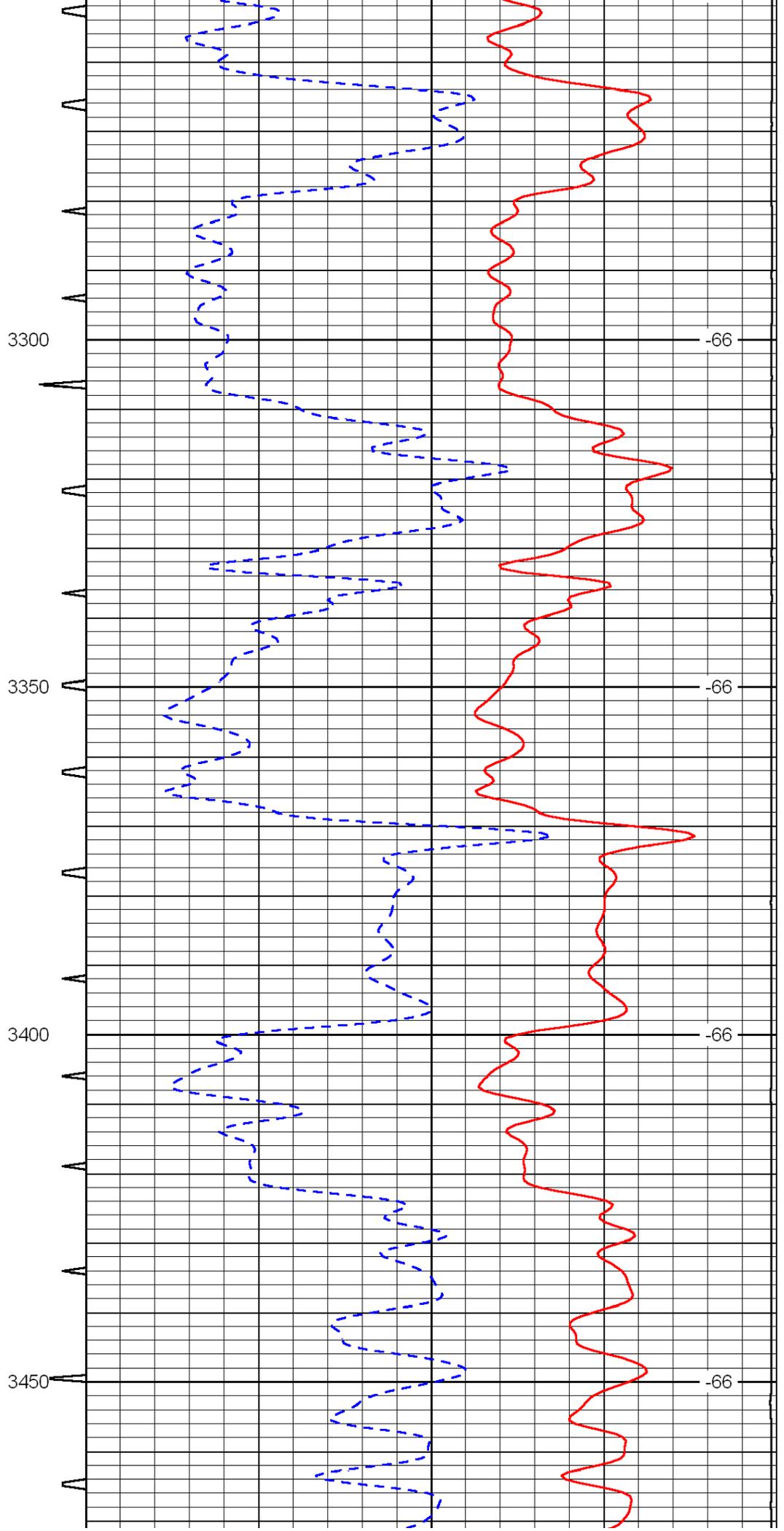
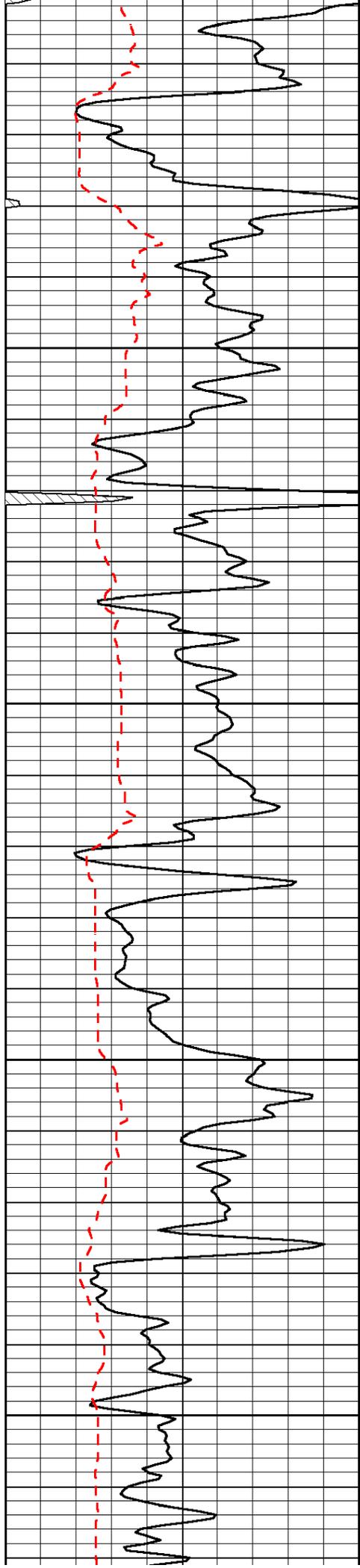


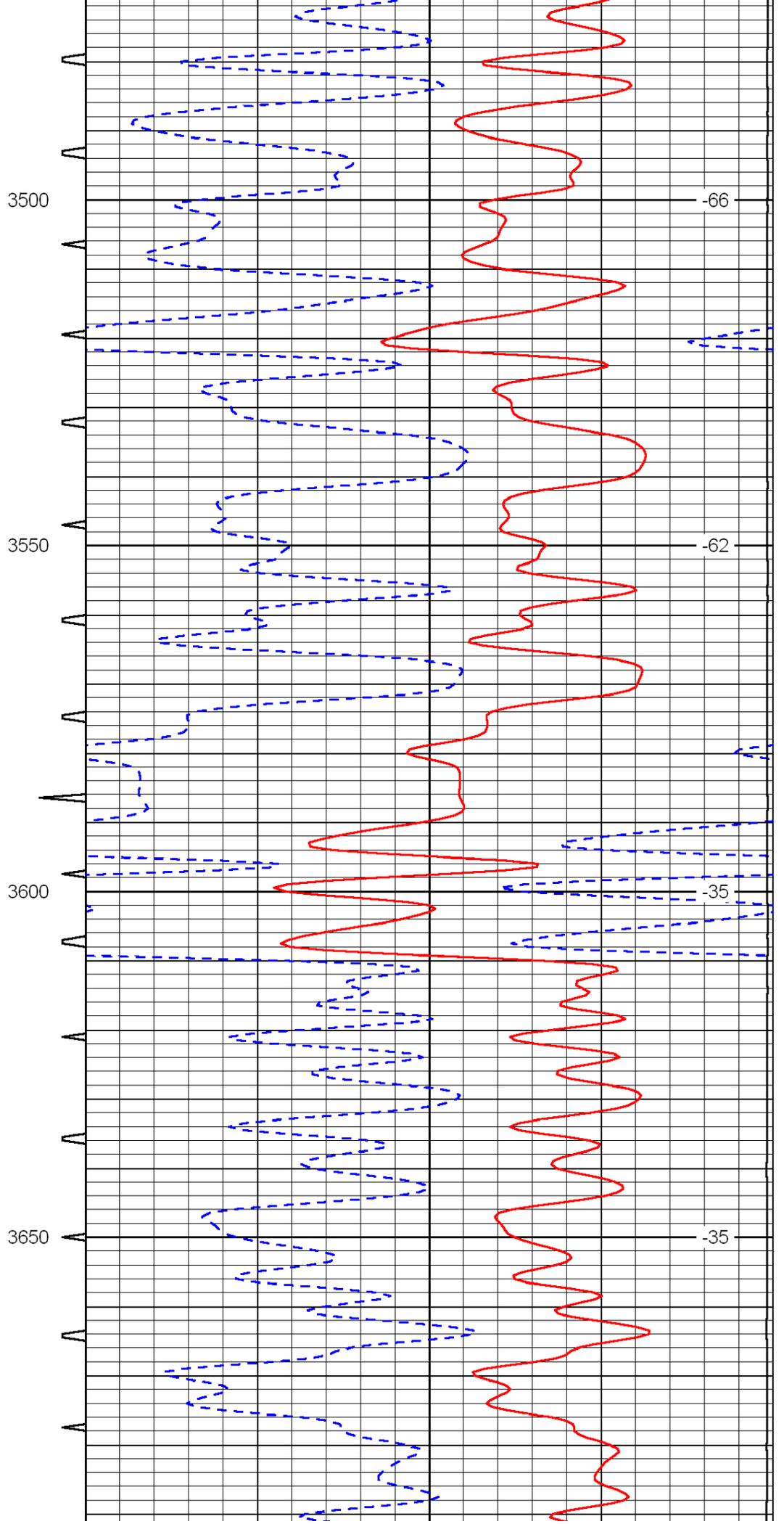
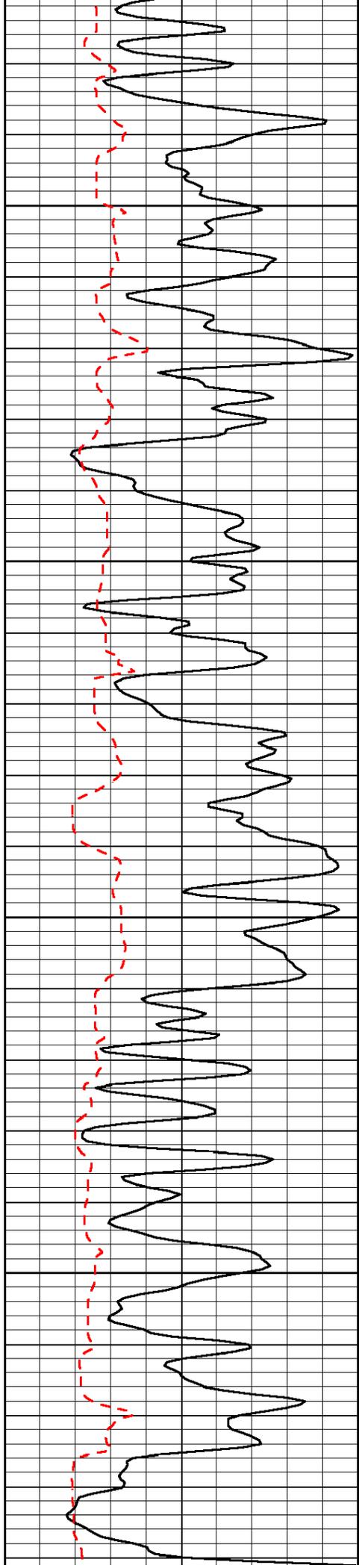


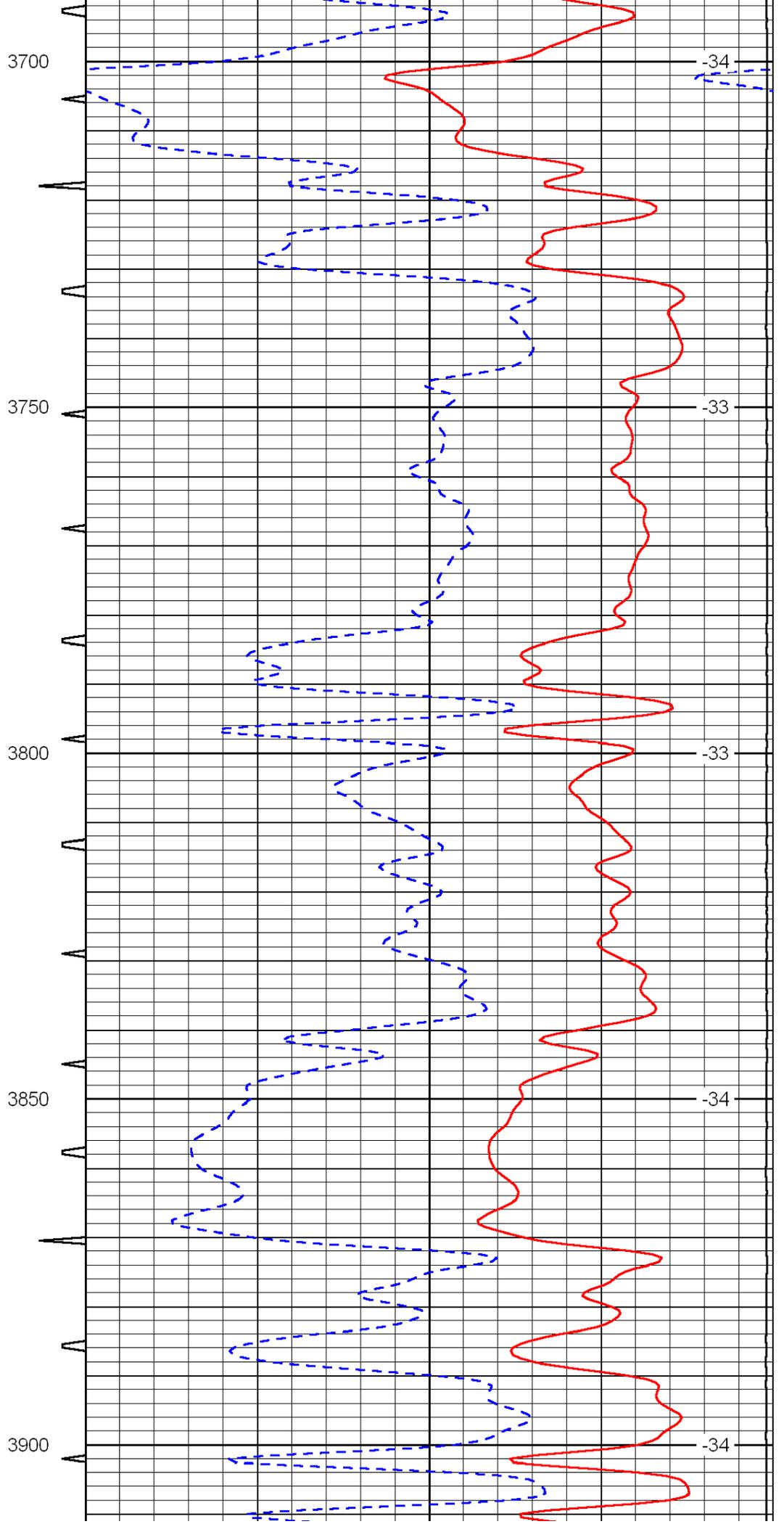
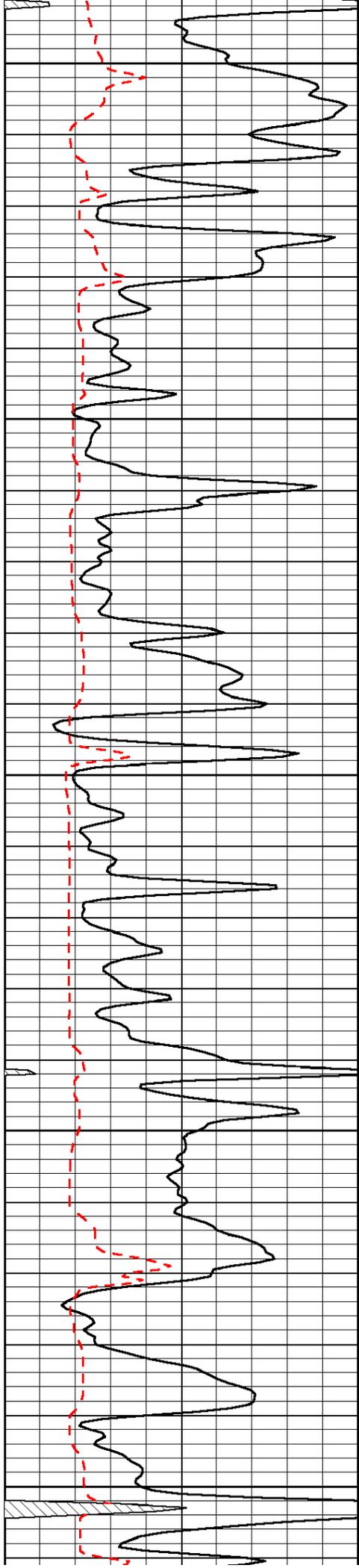


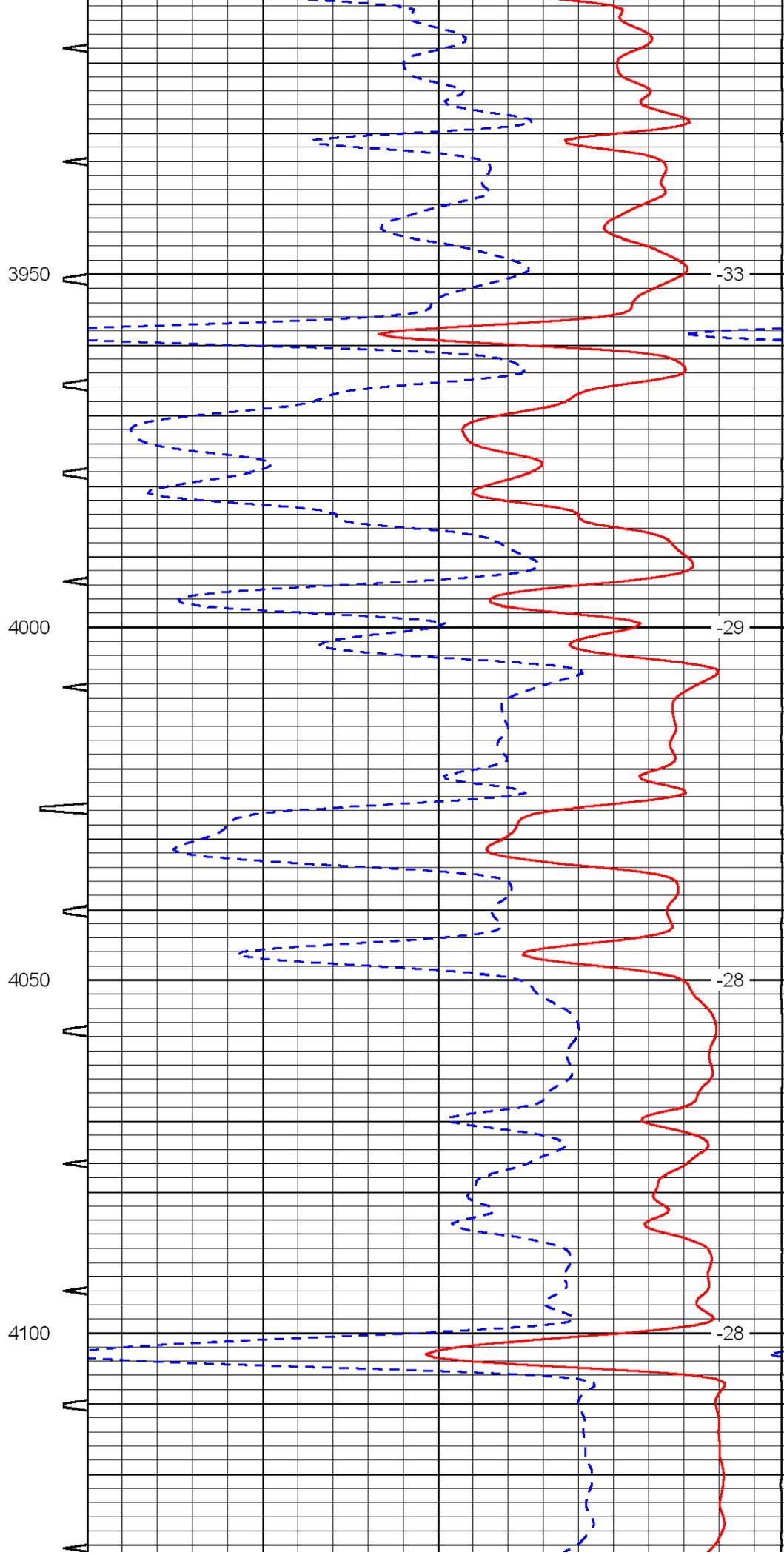
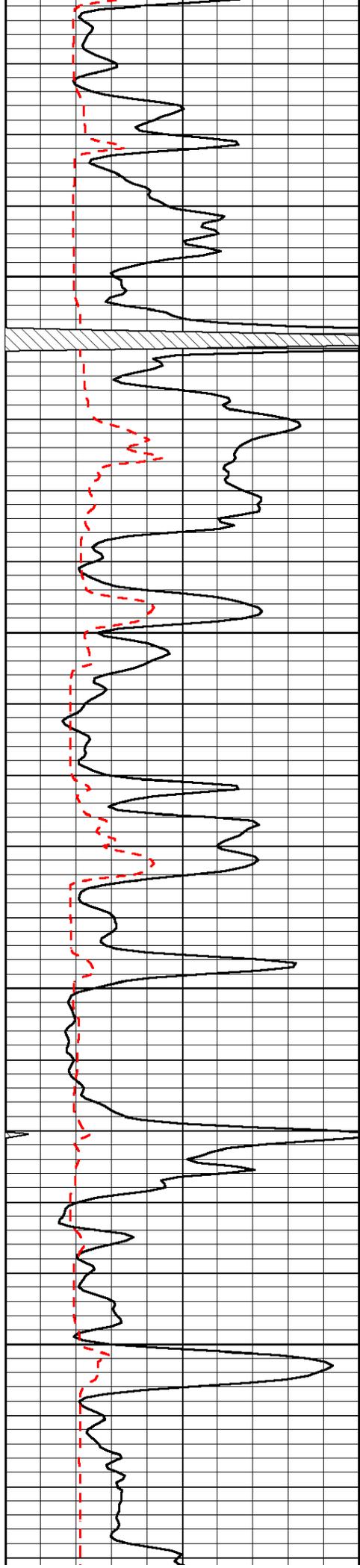


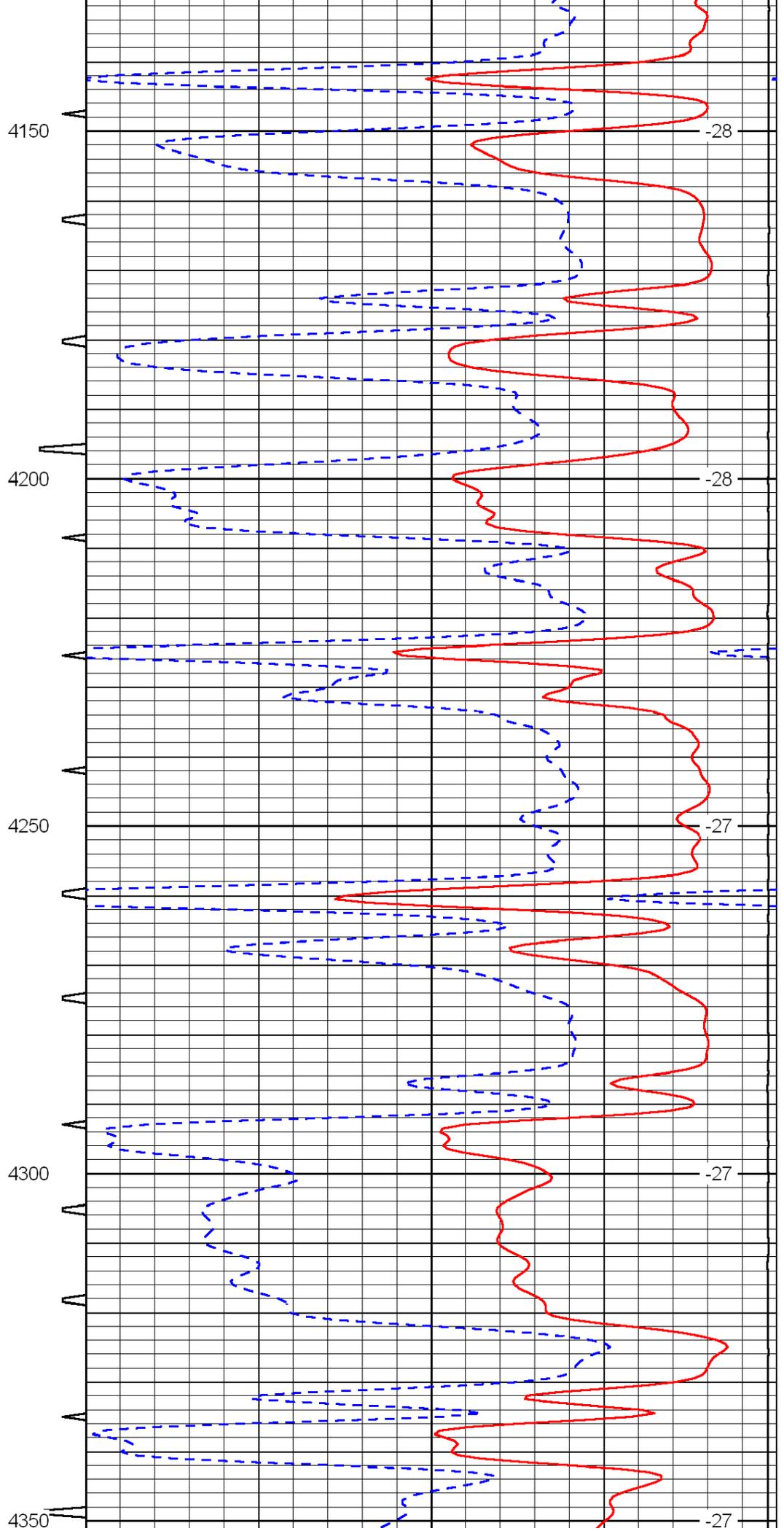
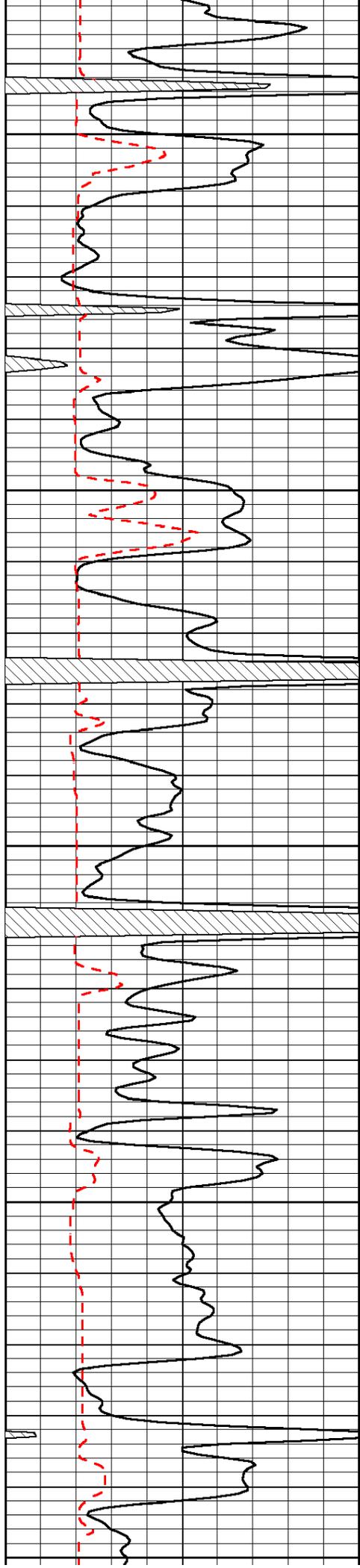


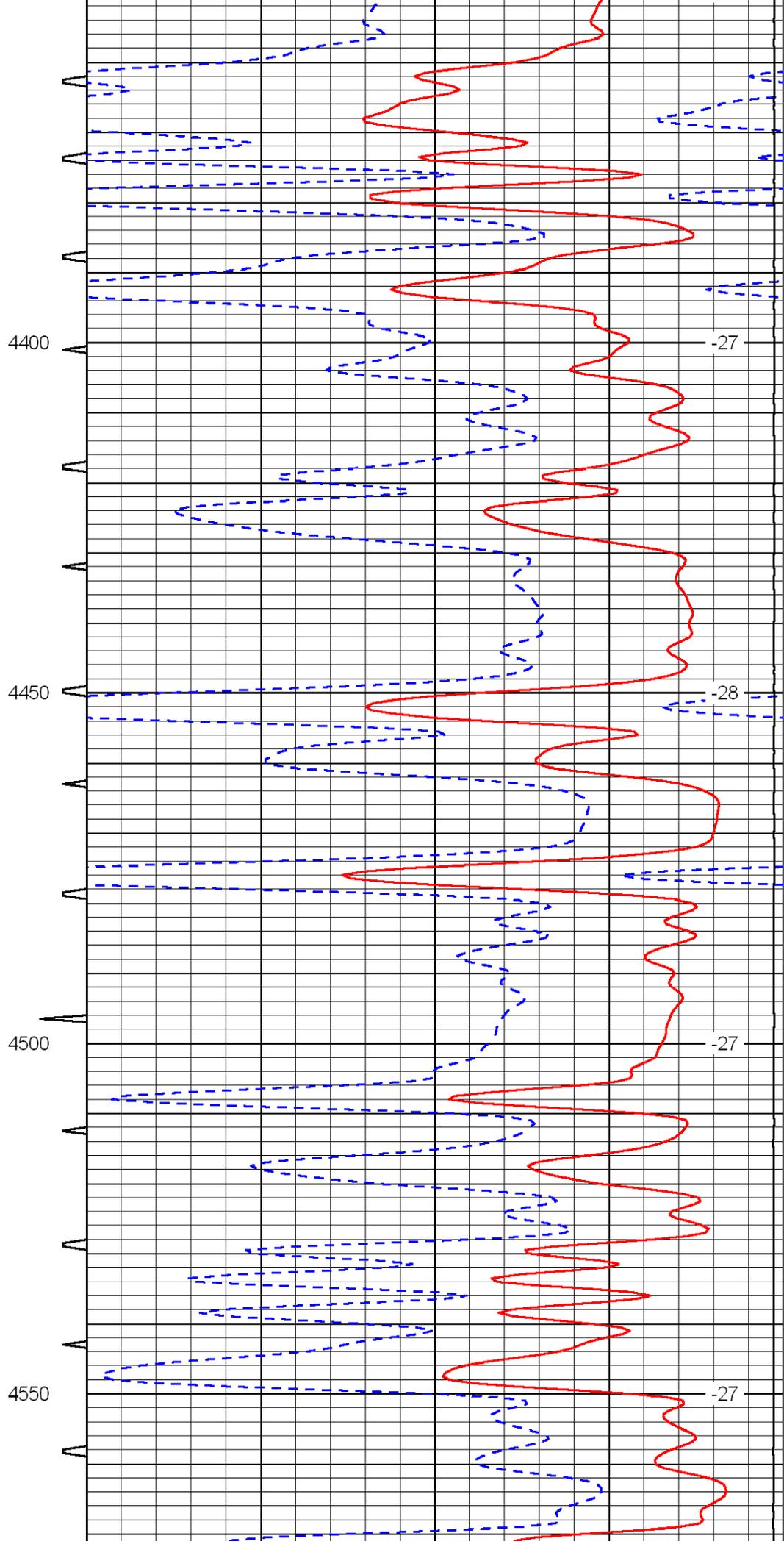
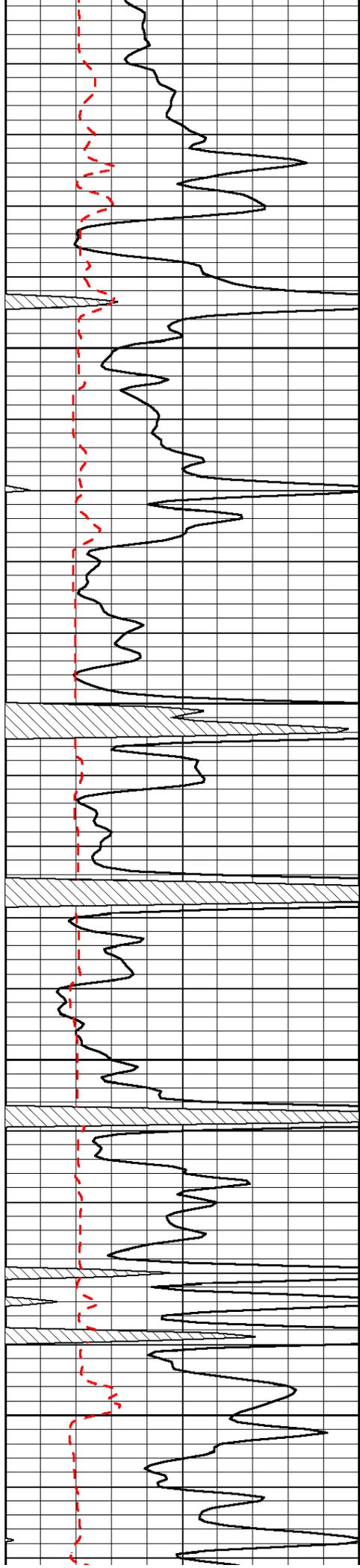


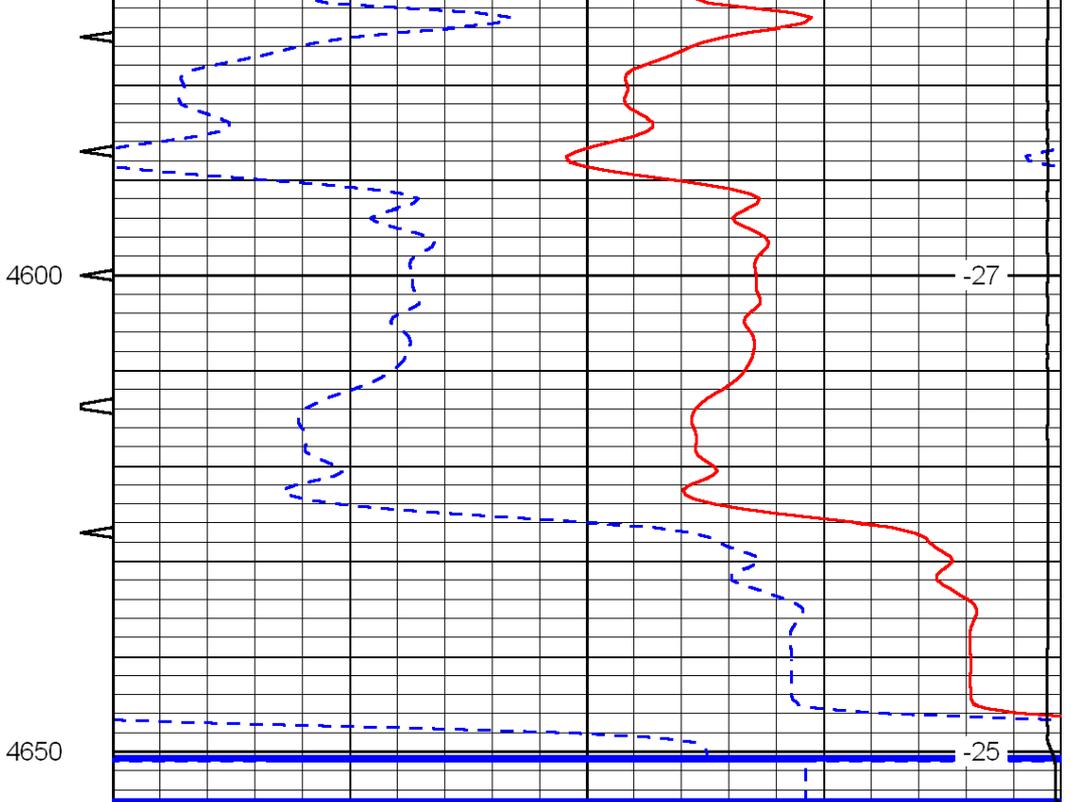
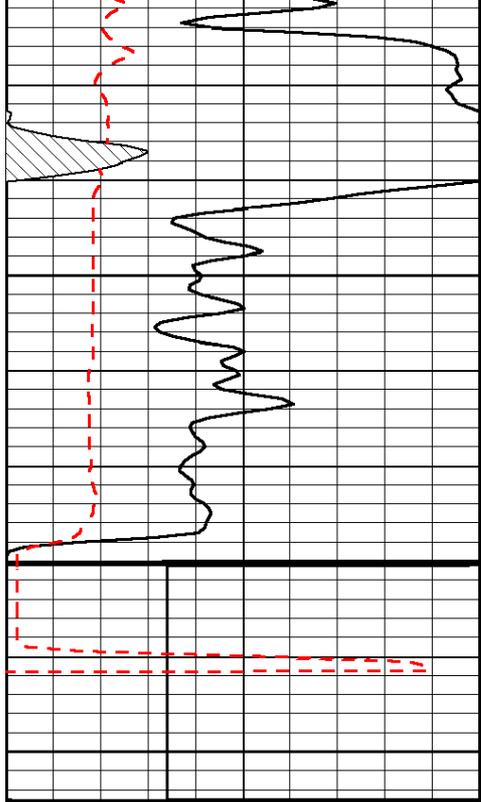












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