



Pioneer Energy Services

Borehole Compensated Sonic Log

15-101-22,498-00-00

Company Forestar Petroleum Corporation
Well Virginia No. 1-1
Field Wildcat
County Lane **State** Kansas
Location NW-NE-SW-NE
 1450' FNL & 1970' FEL
 Sec: 1 Twp: 18S Rge: 28W
Other Services
 CNL/CDL
 MEL/DIL
Elevation
 K.B. 2636
 D.F. 2627
 G.L. 2627
Permanent Datum Ground Level Elevation 2627
Log Measured From Kelly Bushing 9 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Date	3/25/14						
Run Number	Two						
Type Log	BHC Sonic						
Depth Driller	4600						
Depth Logger	4600						
Bottom Logged Interval	4589						
Top Logged Interval	250						
Type Fluid In Hole	Chemical						
Salinity, PPM CL	3,400						
Density	9.5						
Level	Full						
Max. Rec. Temp. F	122						
Operating Rig Time	4 1/2 Hours						
Equipment -- Location	17 Hays						
Recorded By	J. Henrickson						
Witnessed By	Macklin Armstrong						
Borehole Record			Casing Record				
Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25	00	263	8.625	23#	00	263
Two	7.875	263	TD				

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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.

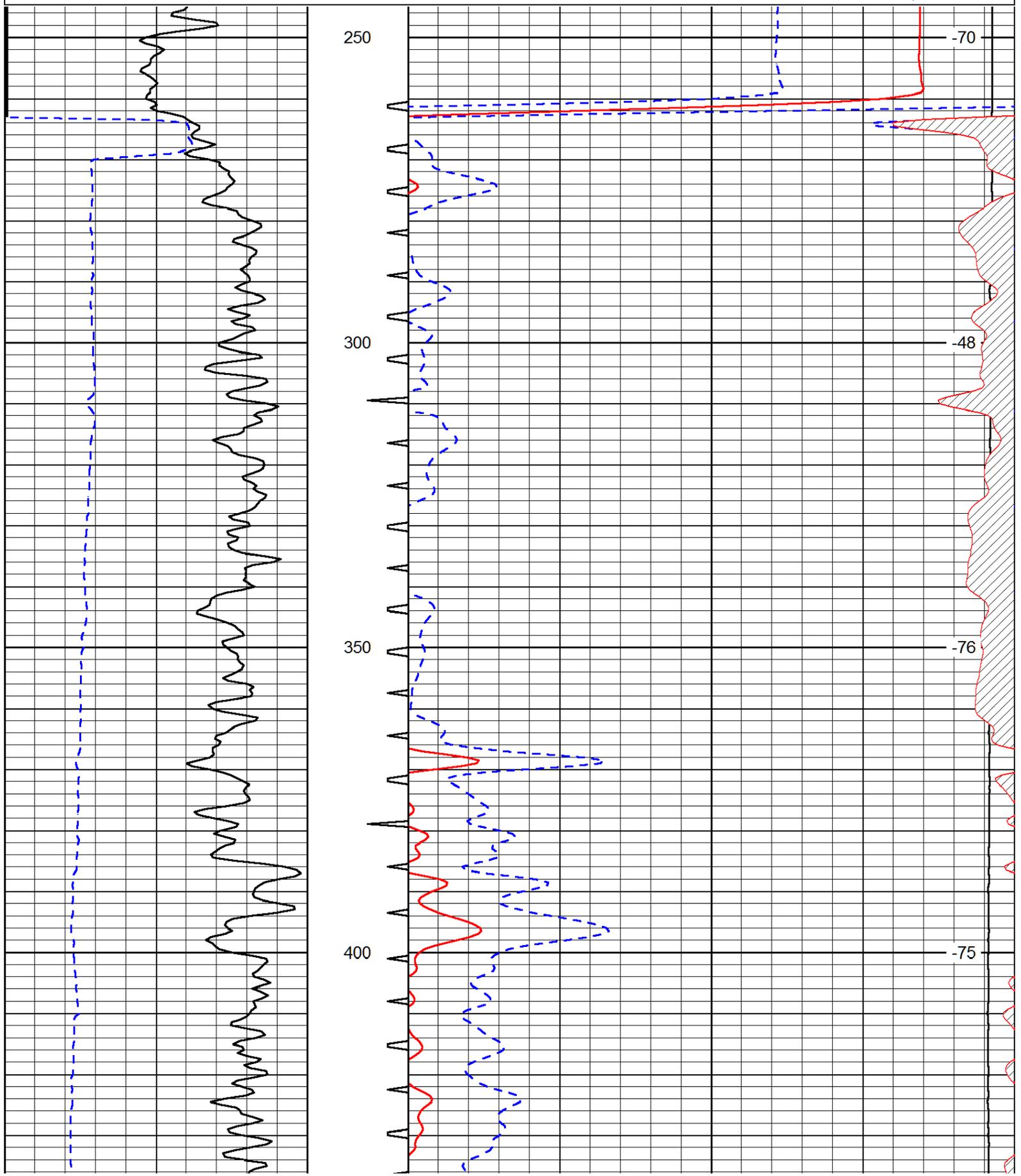
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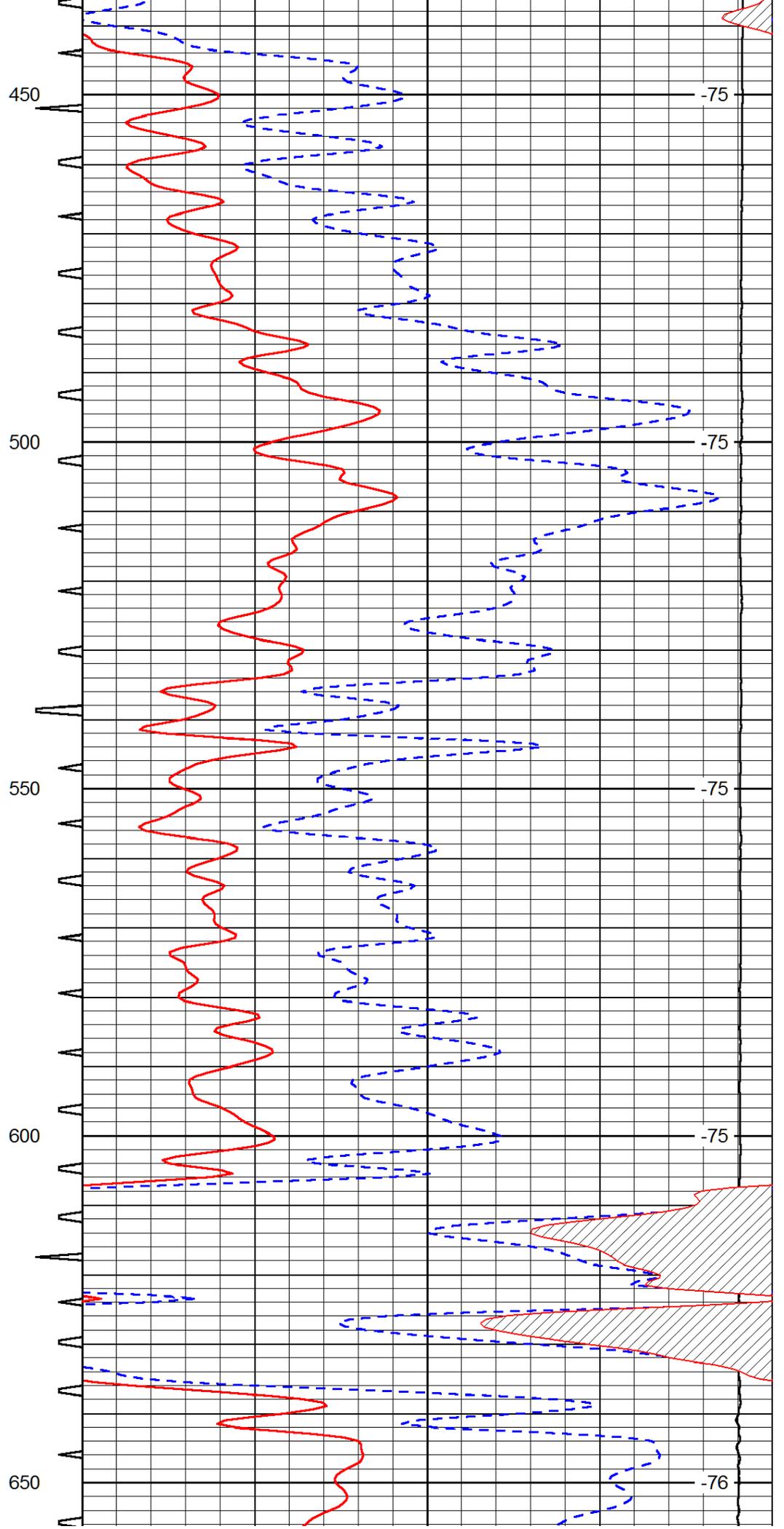
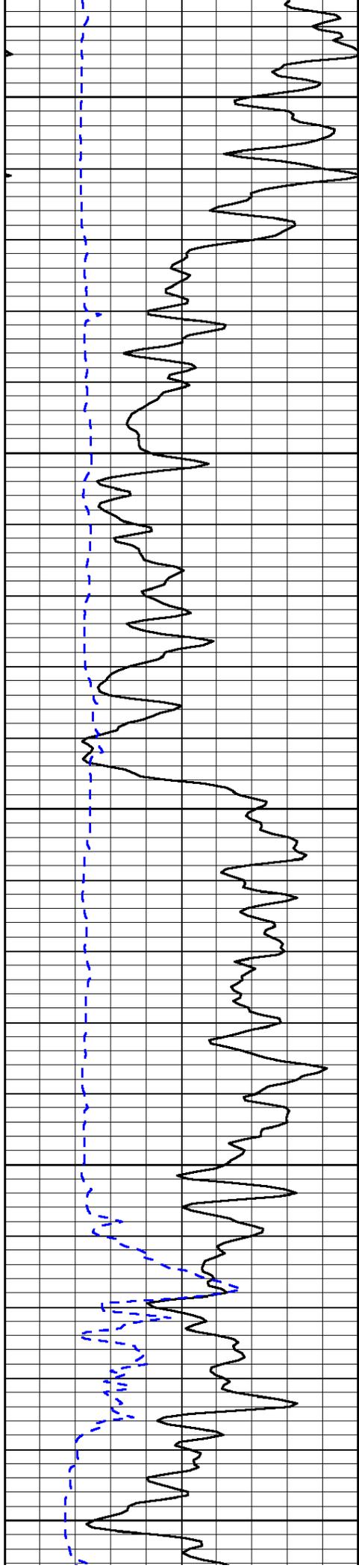
Thank you for using Log-Tech, Inc.
 (785) 625-3858

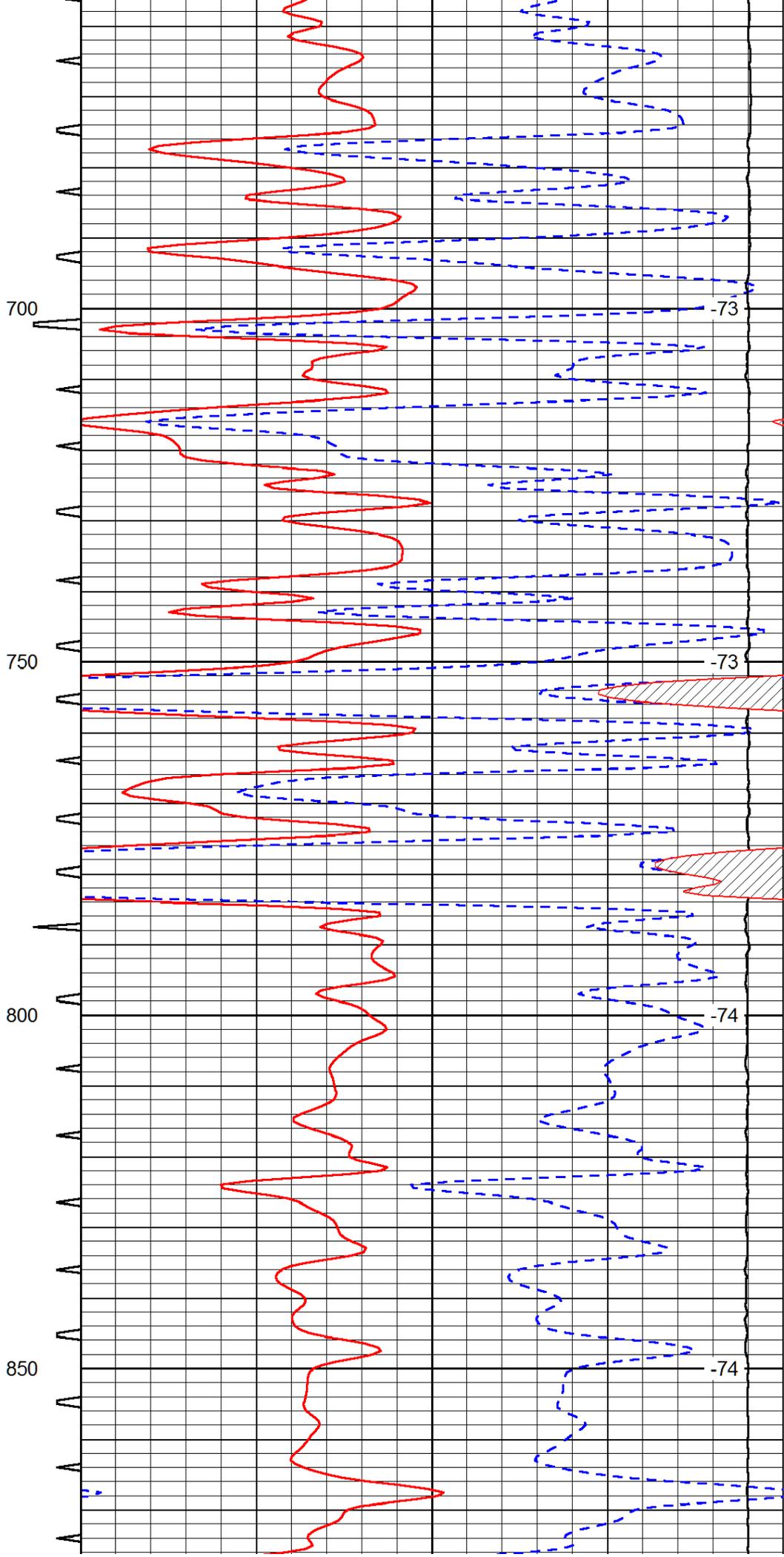
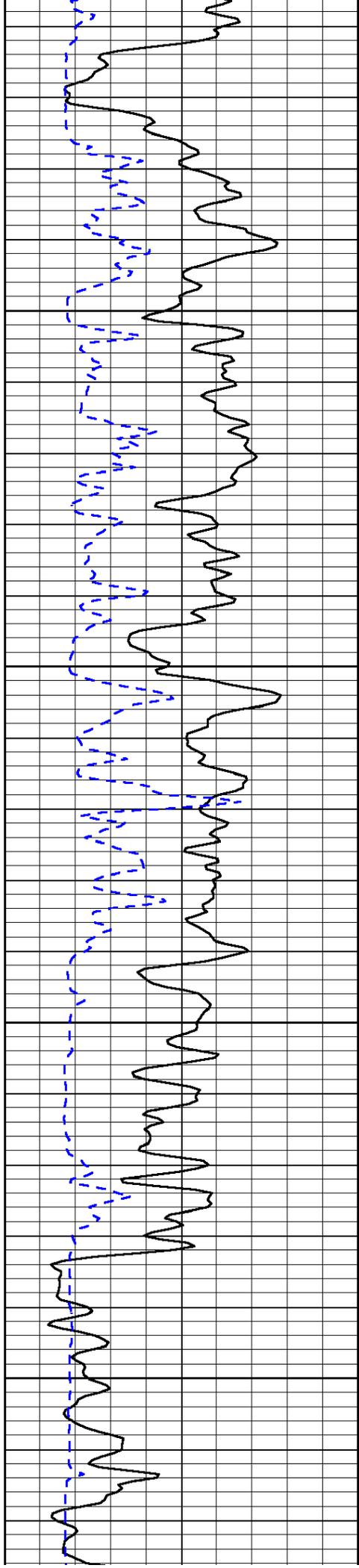
 Dighton Kansas
 East to Pawnee Rd, 2 North, East Into

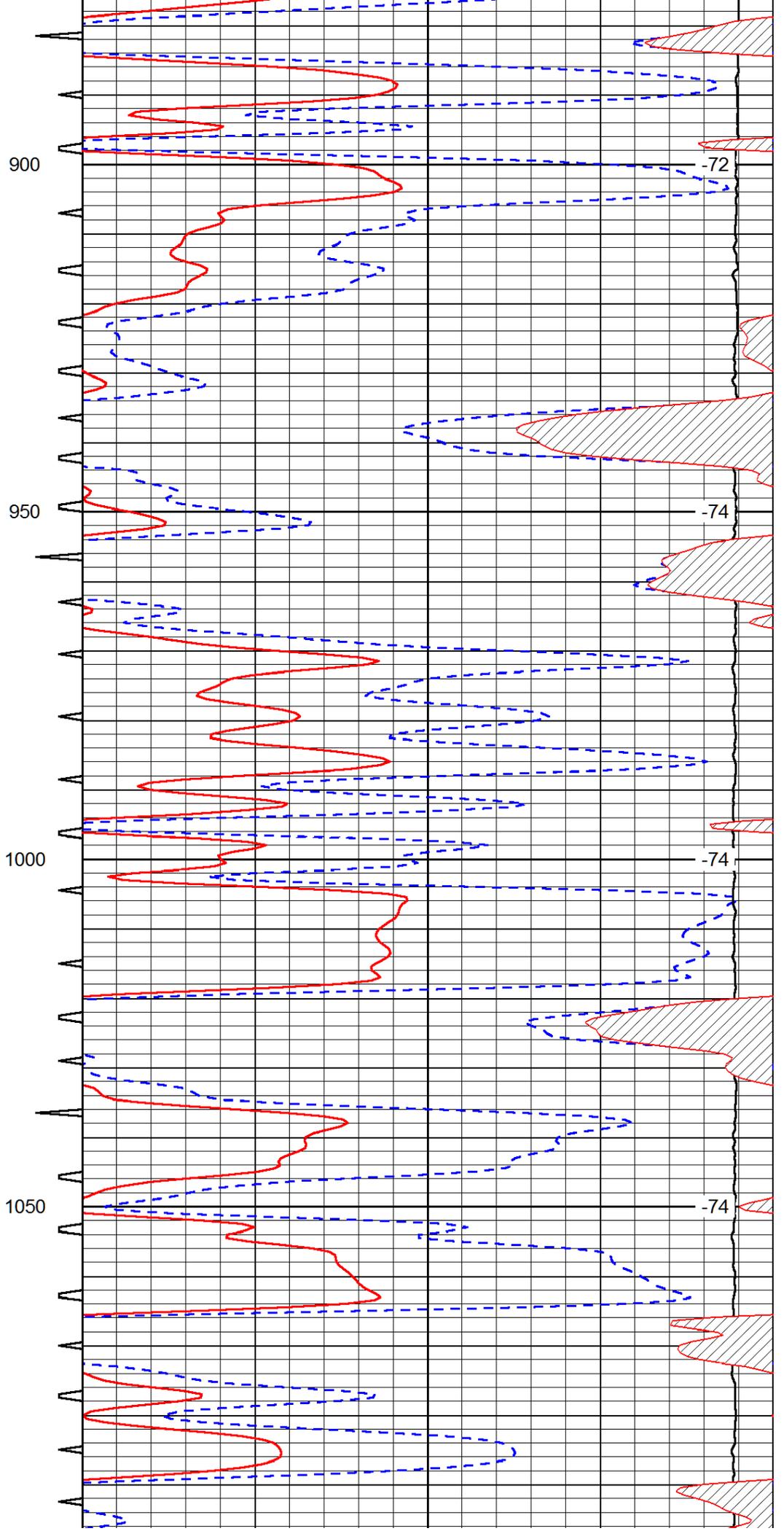
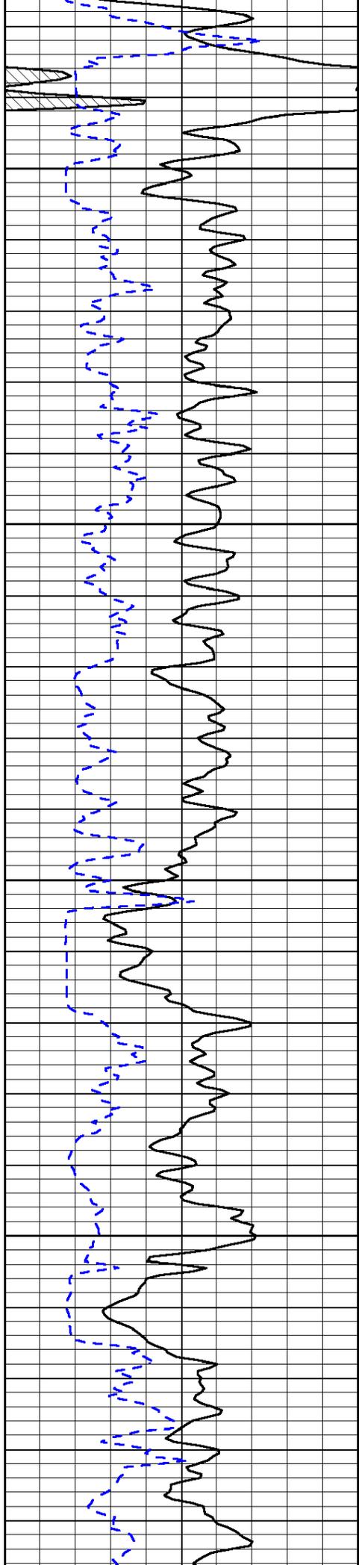
Database File: forestar_virginia_1_1hd.db
 Dataset Pathname: DIL/forestk
 Presentation Format: sonic
 Dataset Creation: Tue Mar 25 08:57:48 2014
 Charted by: Depth in Feet scaled 1:240

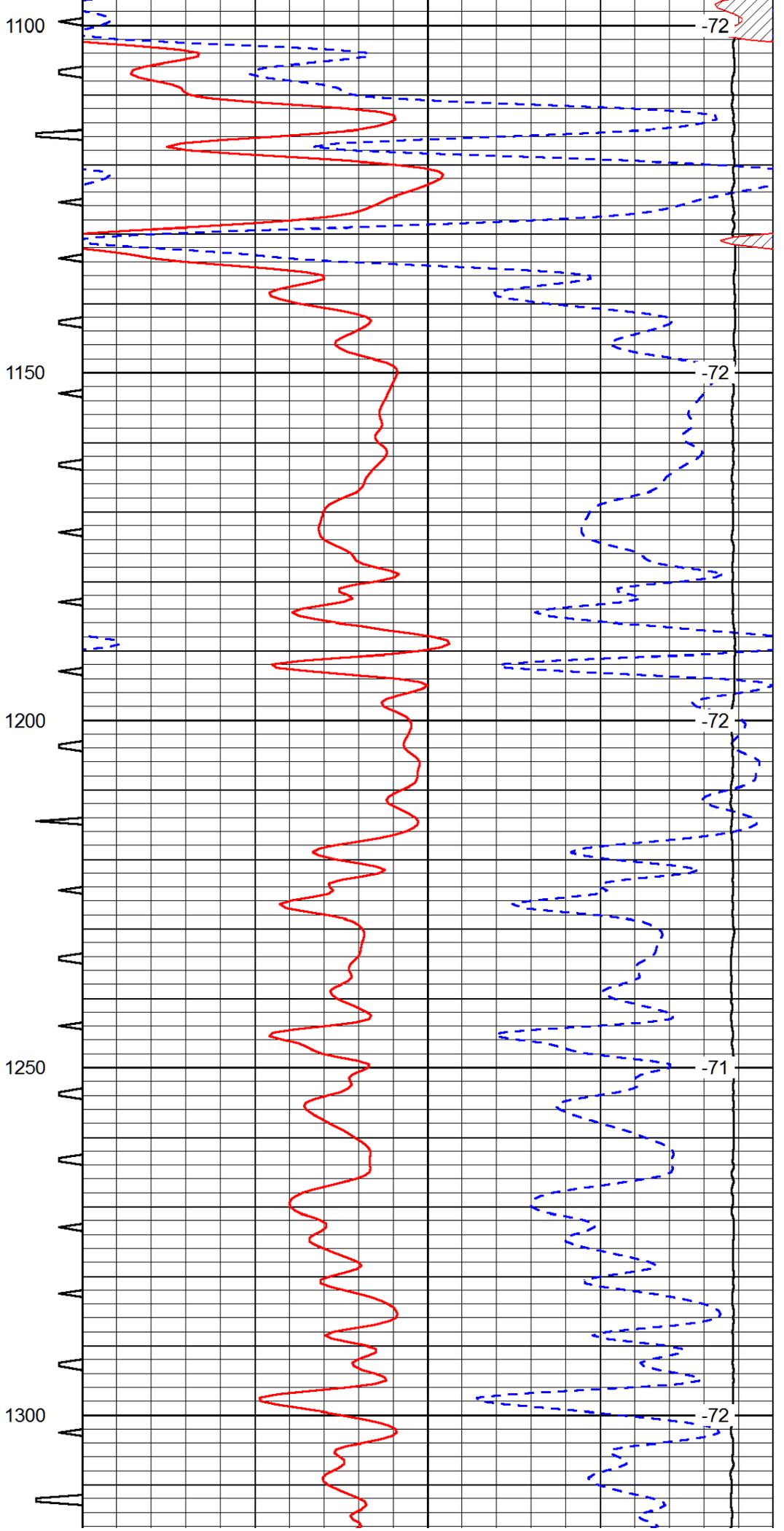
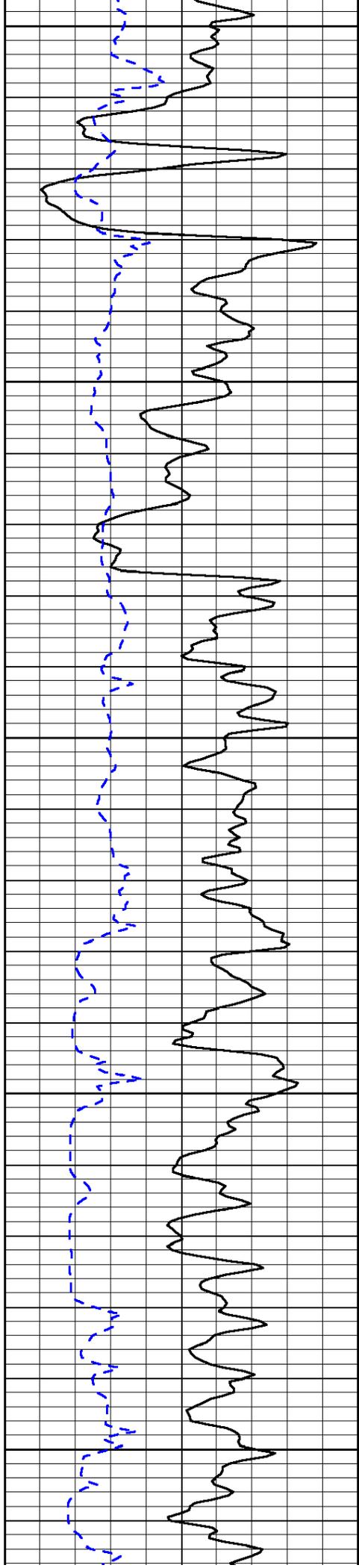
0	Gamma Ray (GAPI)	150	Sonic Int	140	Delta Time (usec/ft) (usec/ft)	40
150	Gamma Ray (GAPI)	300	5 (msec) 0	30	Sonic Porosity (pu)	-10
6	dCAL (in)	16		15000	LTEN (lb) (lb)	0
						LSPD (ft/min)

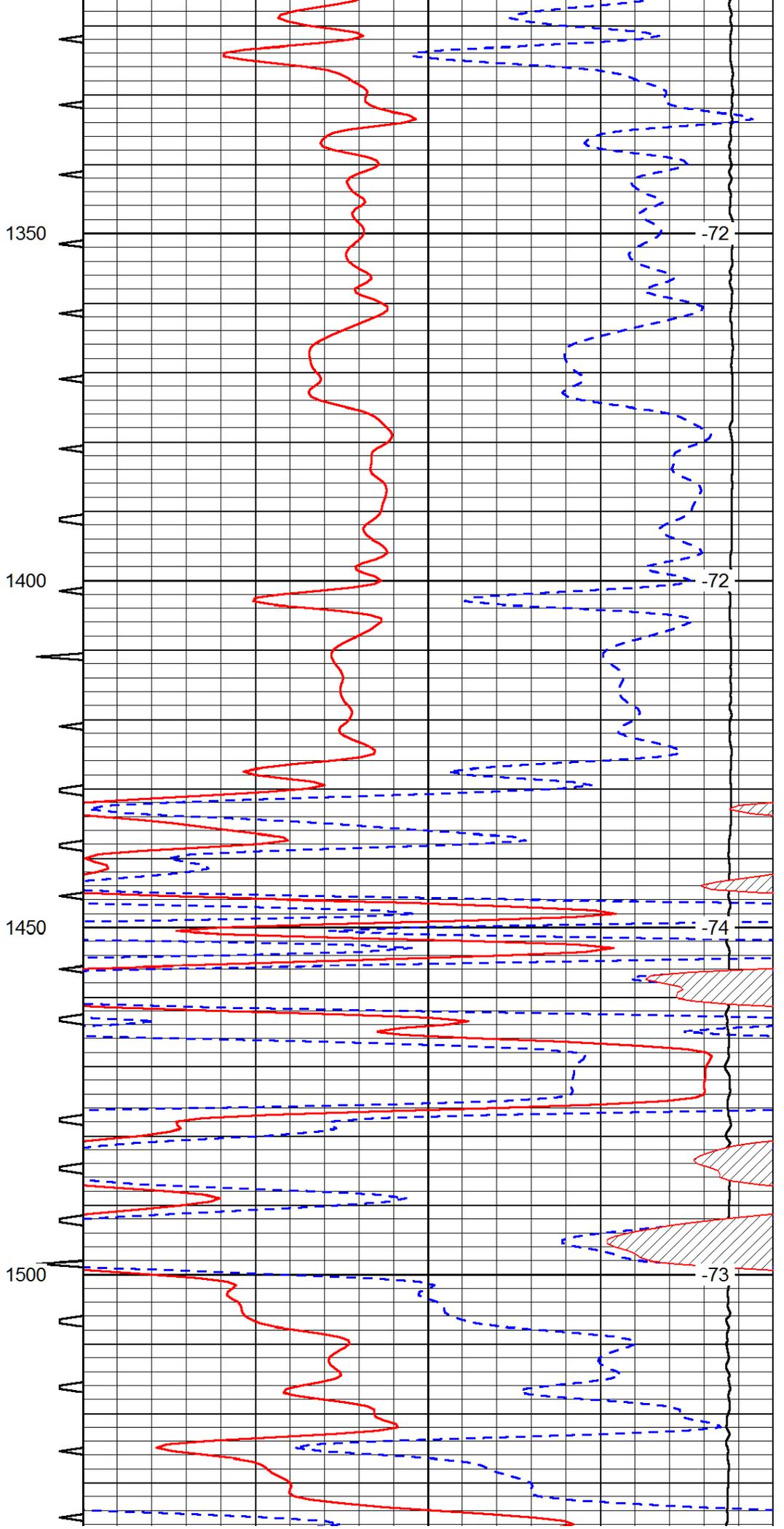
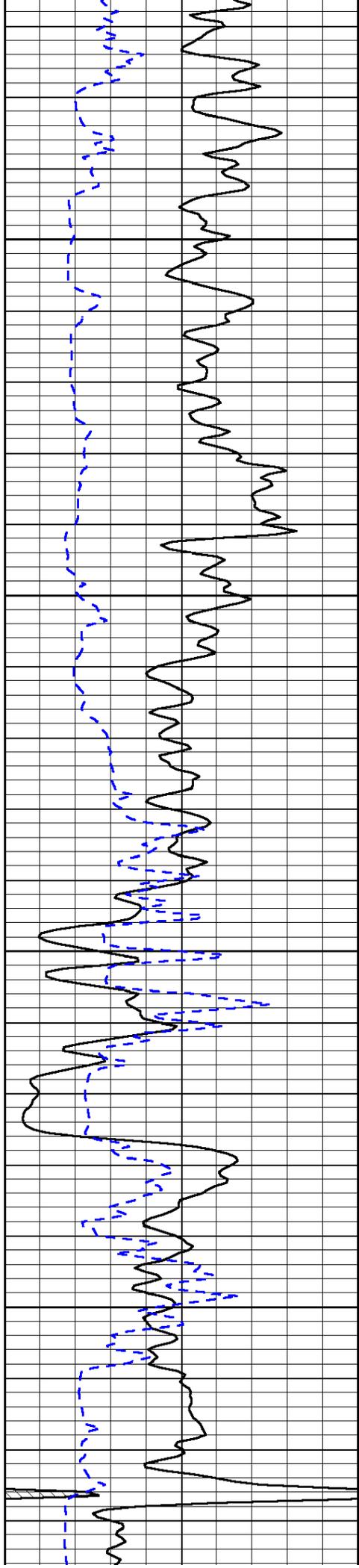


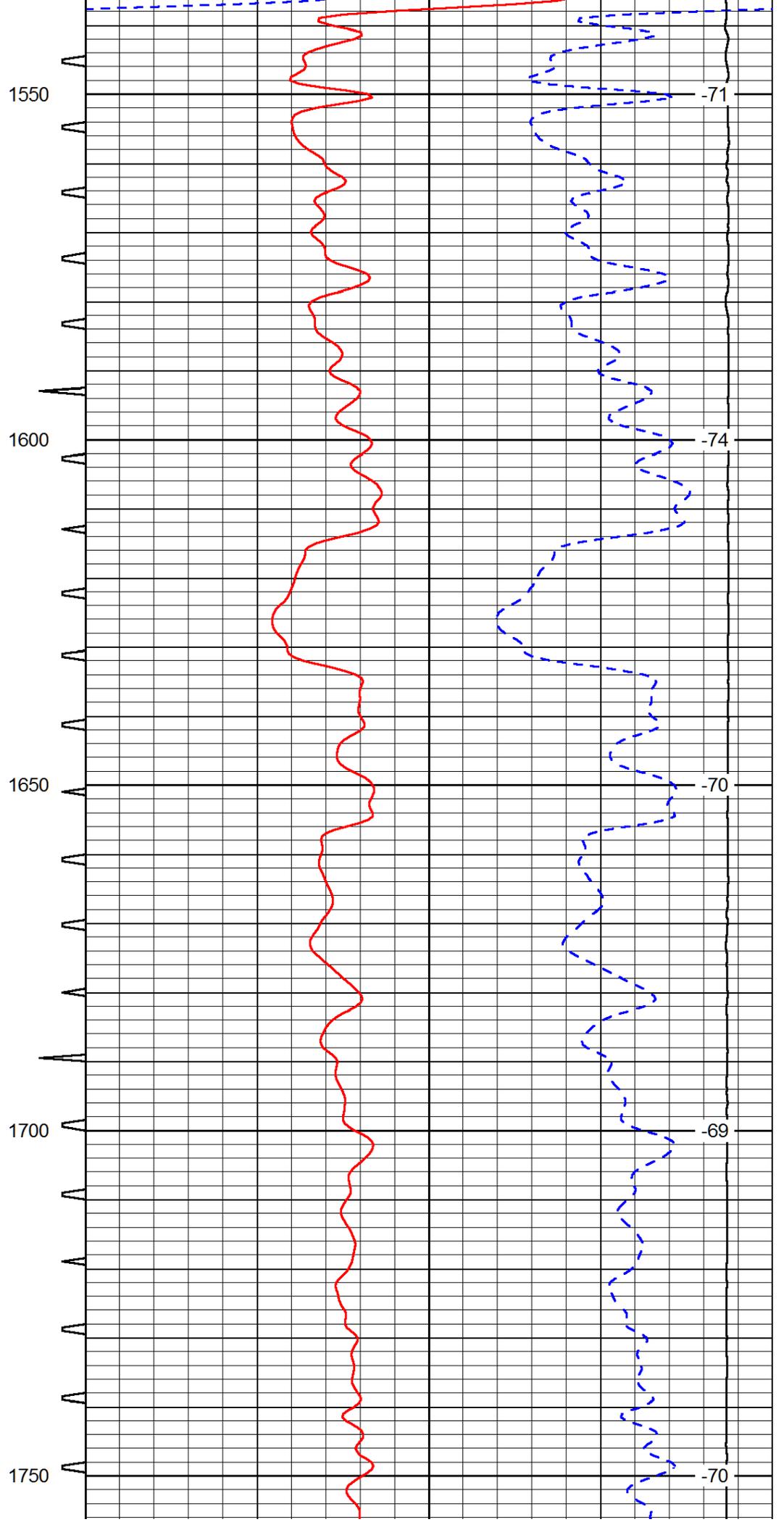
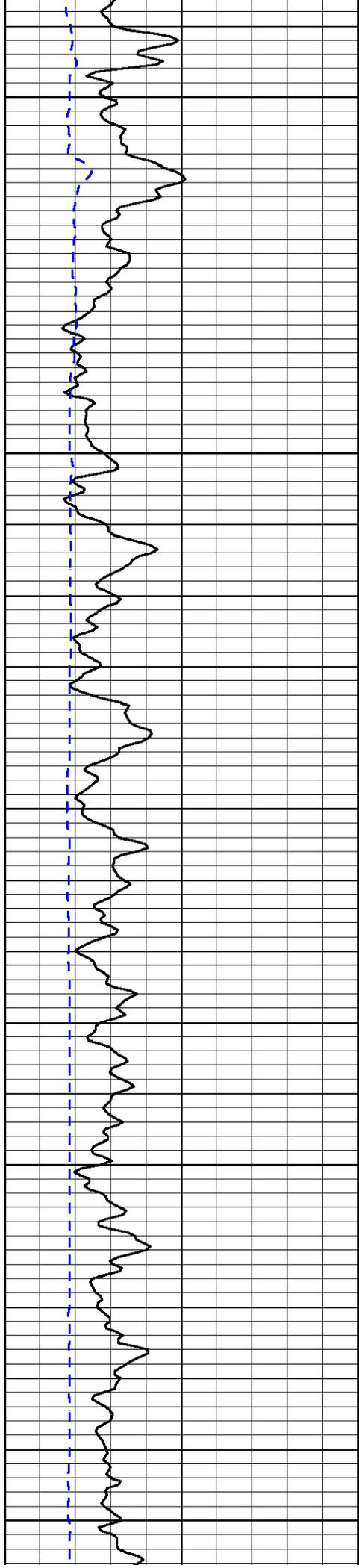


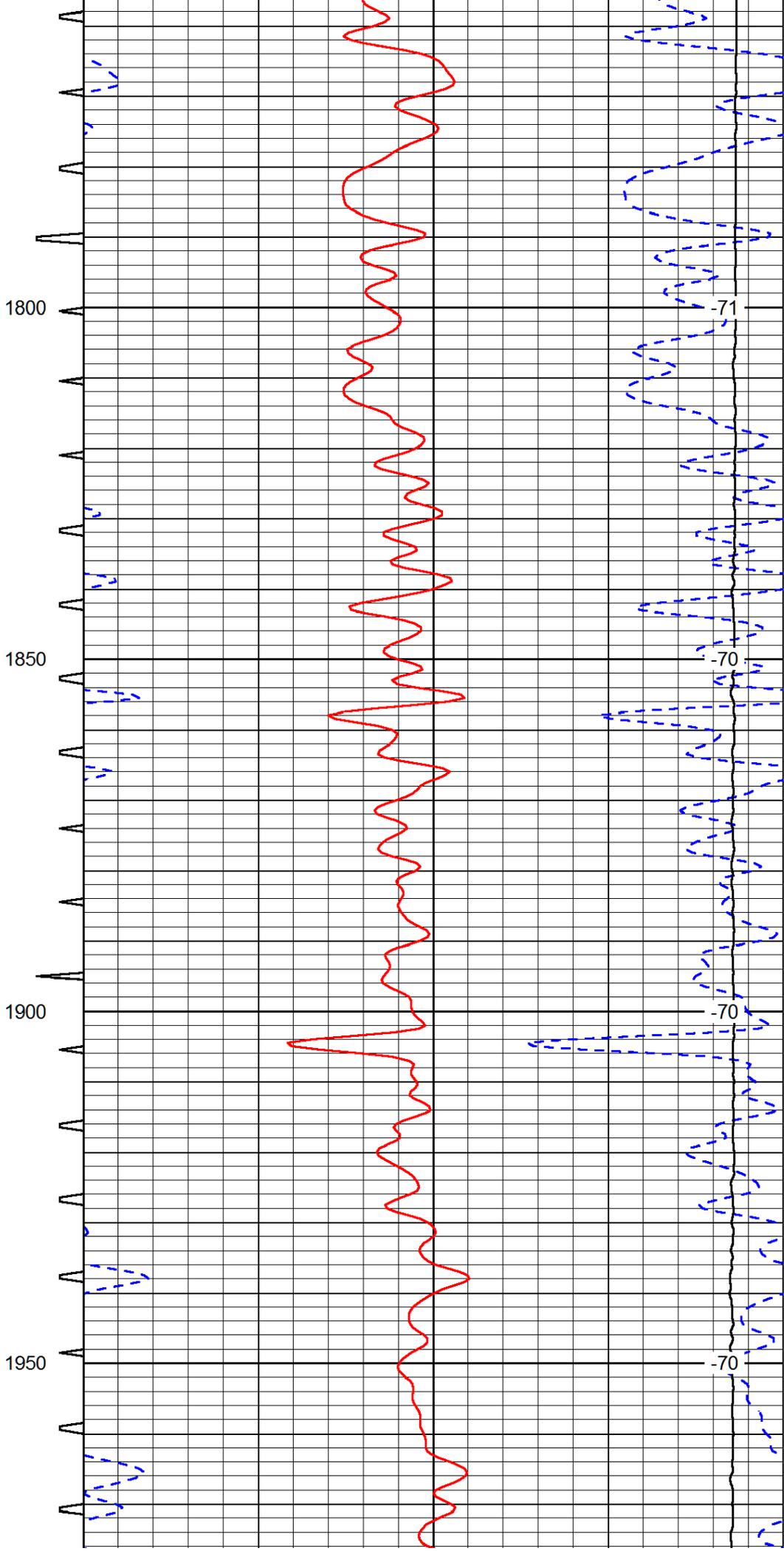
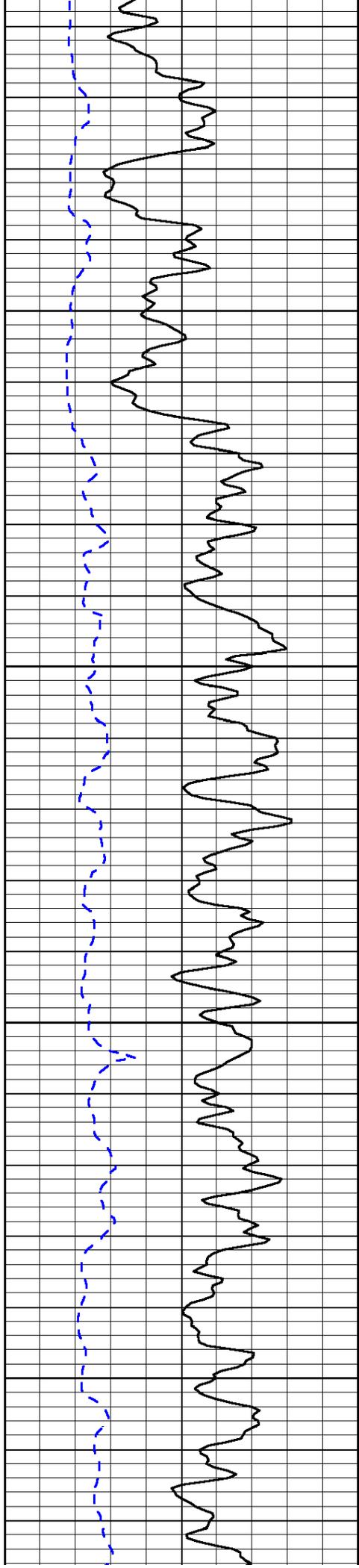


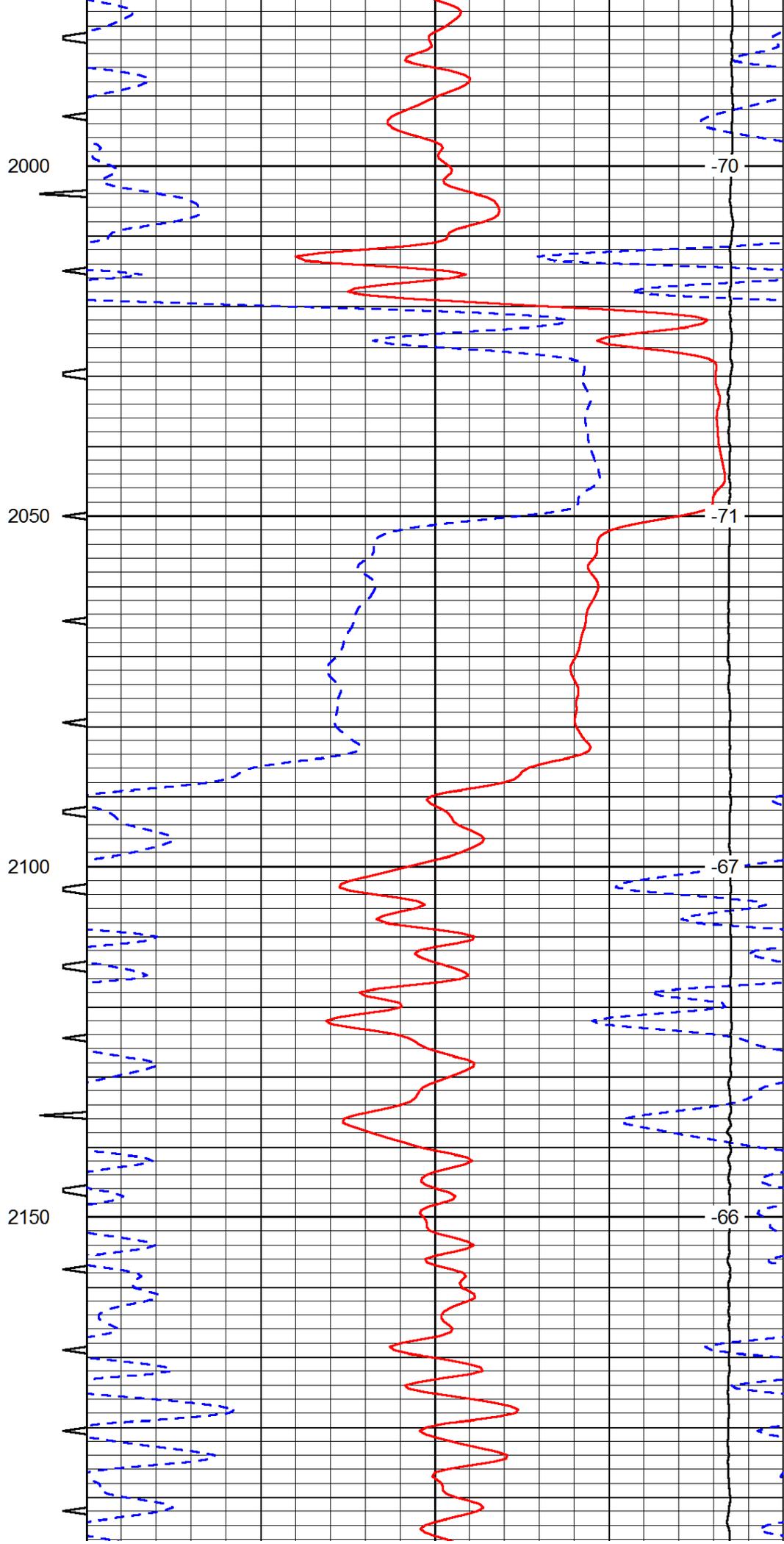
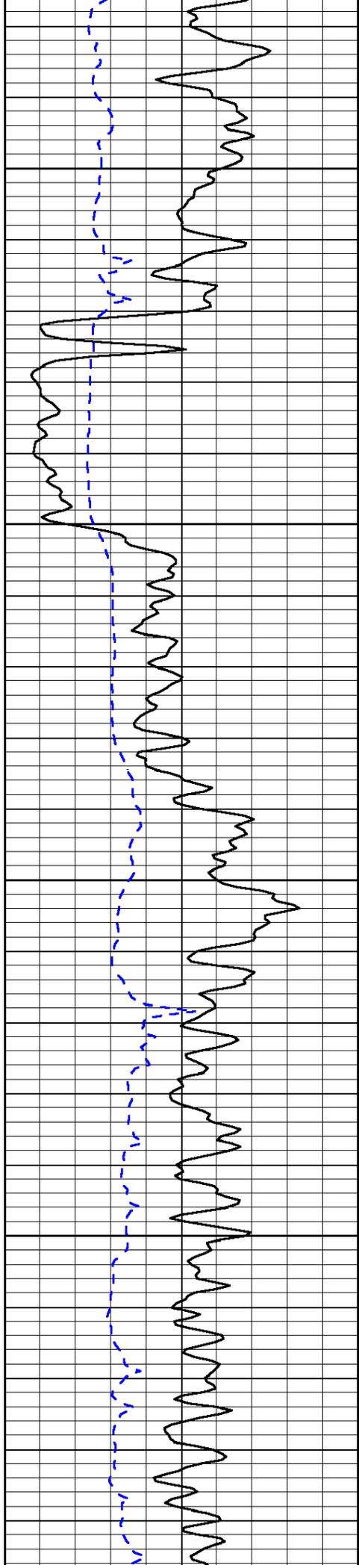


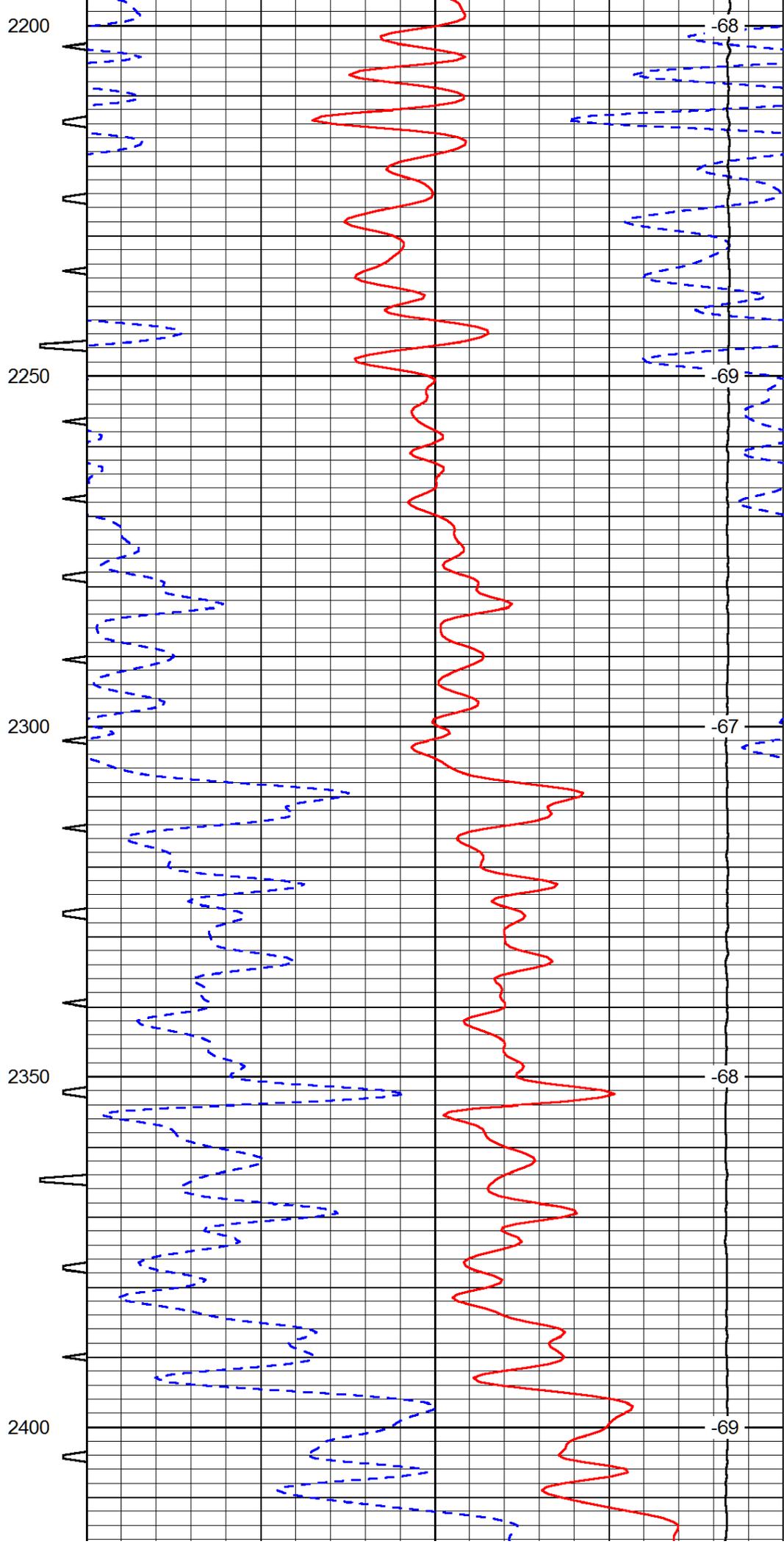
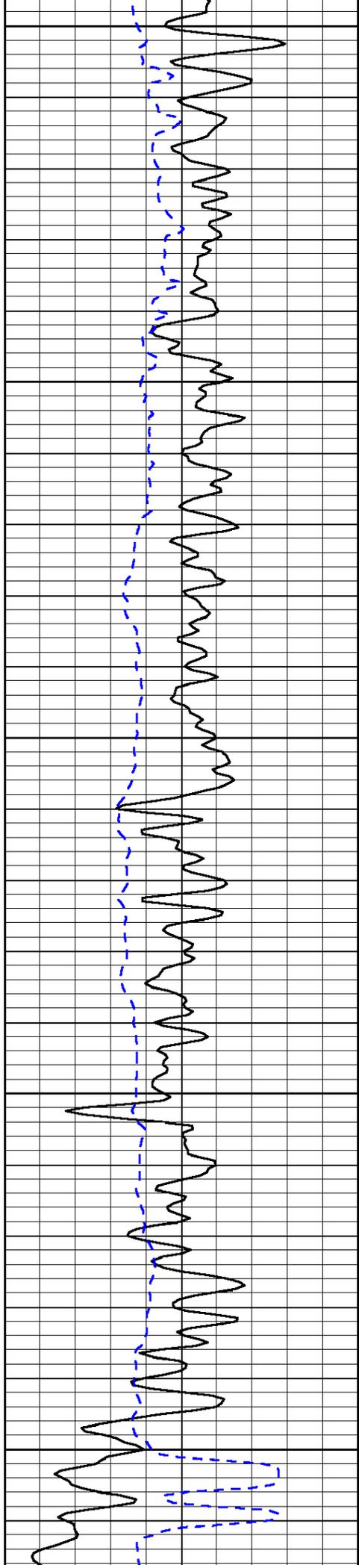


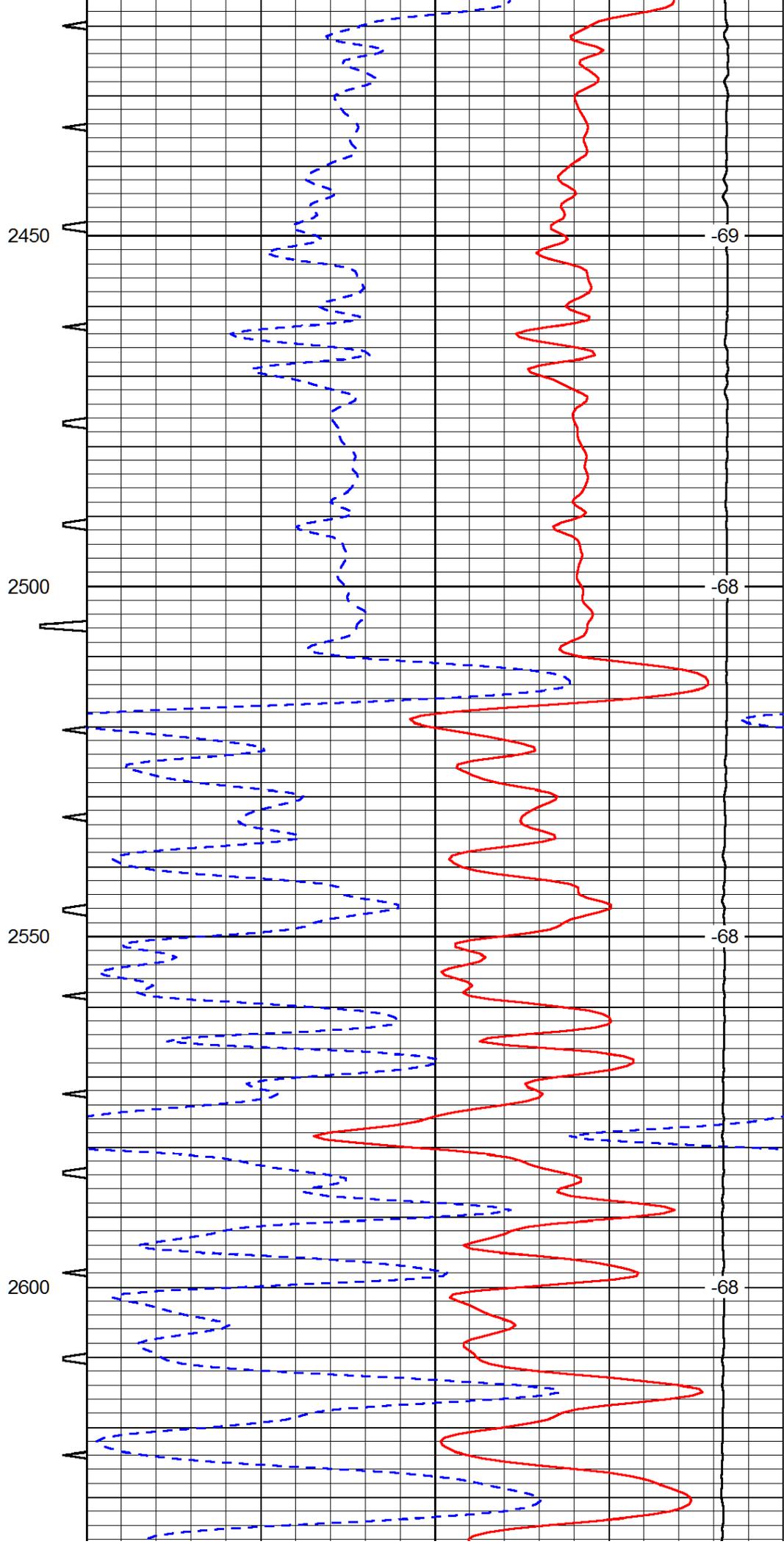
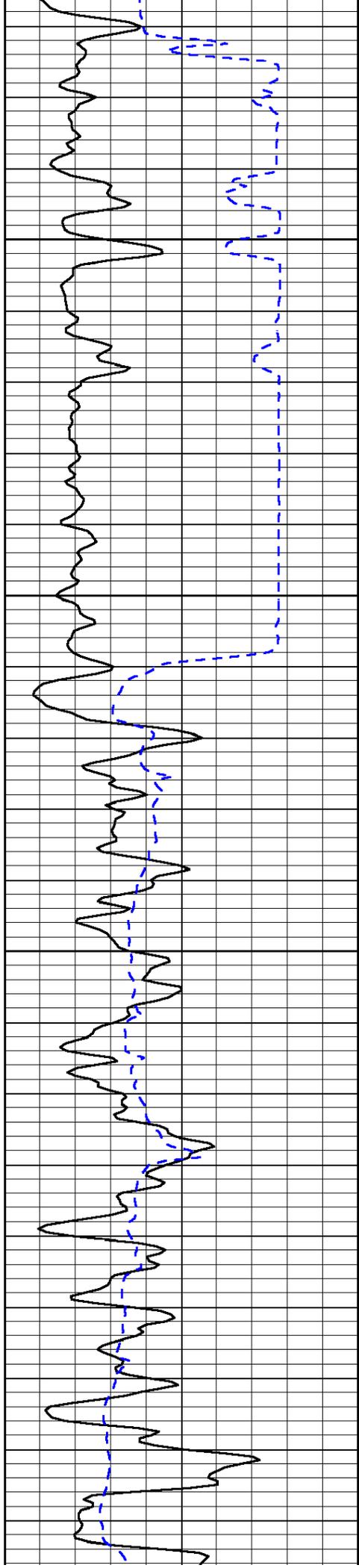


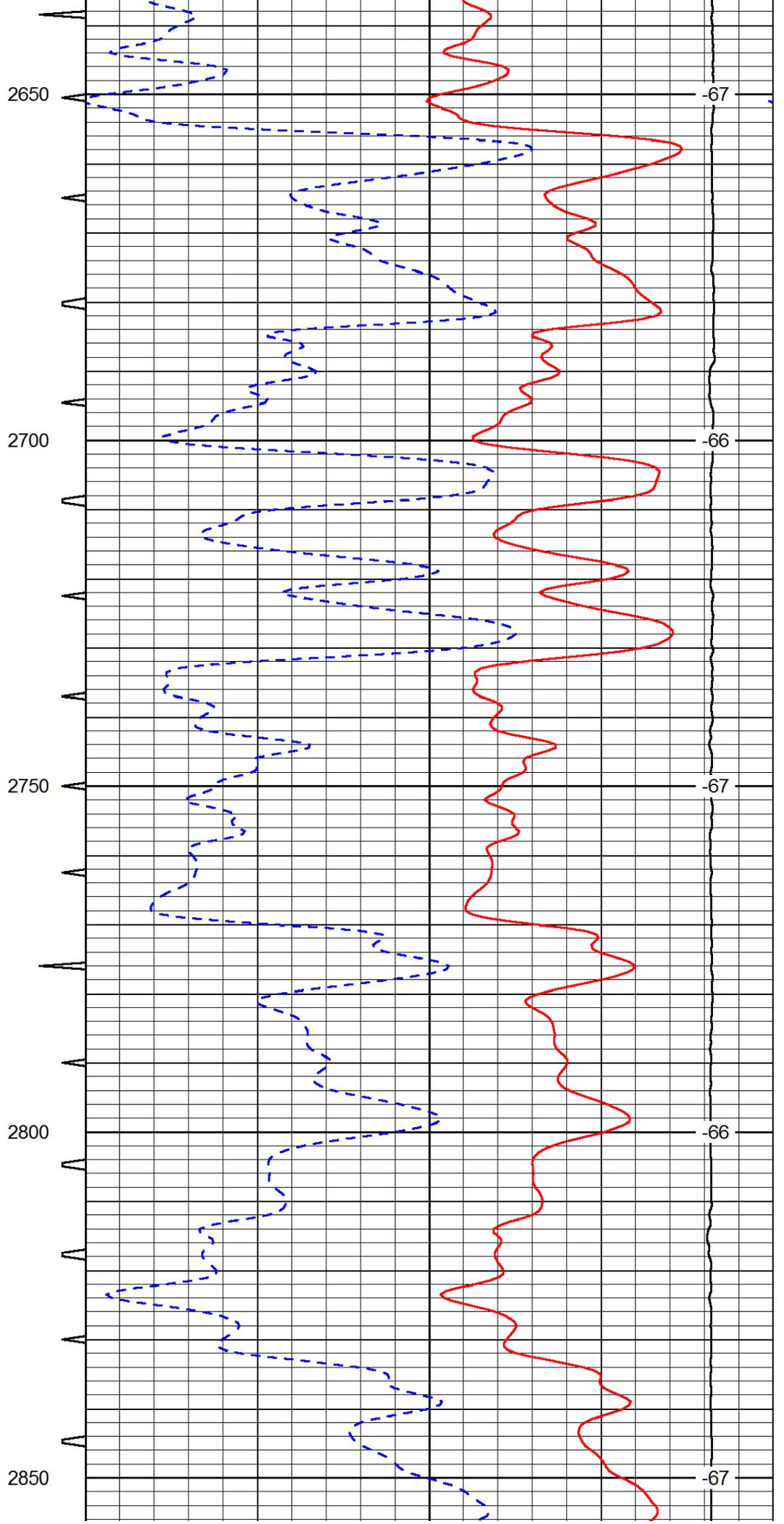
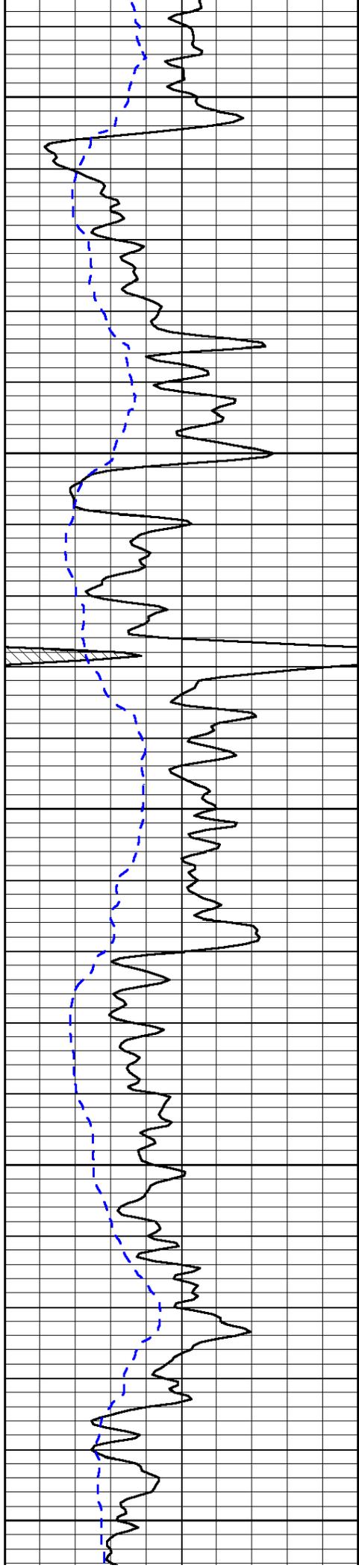


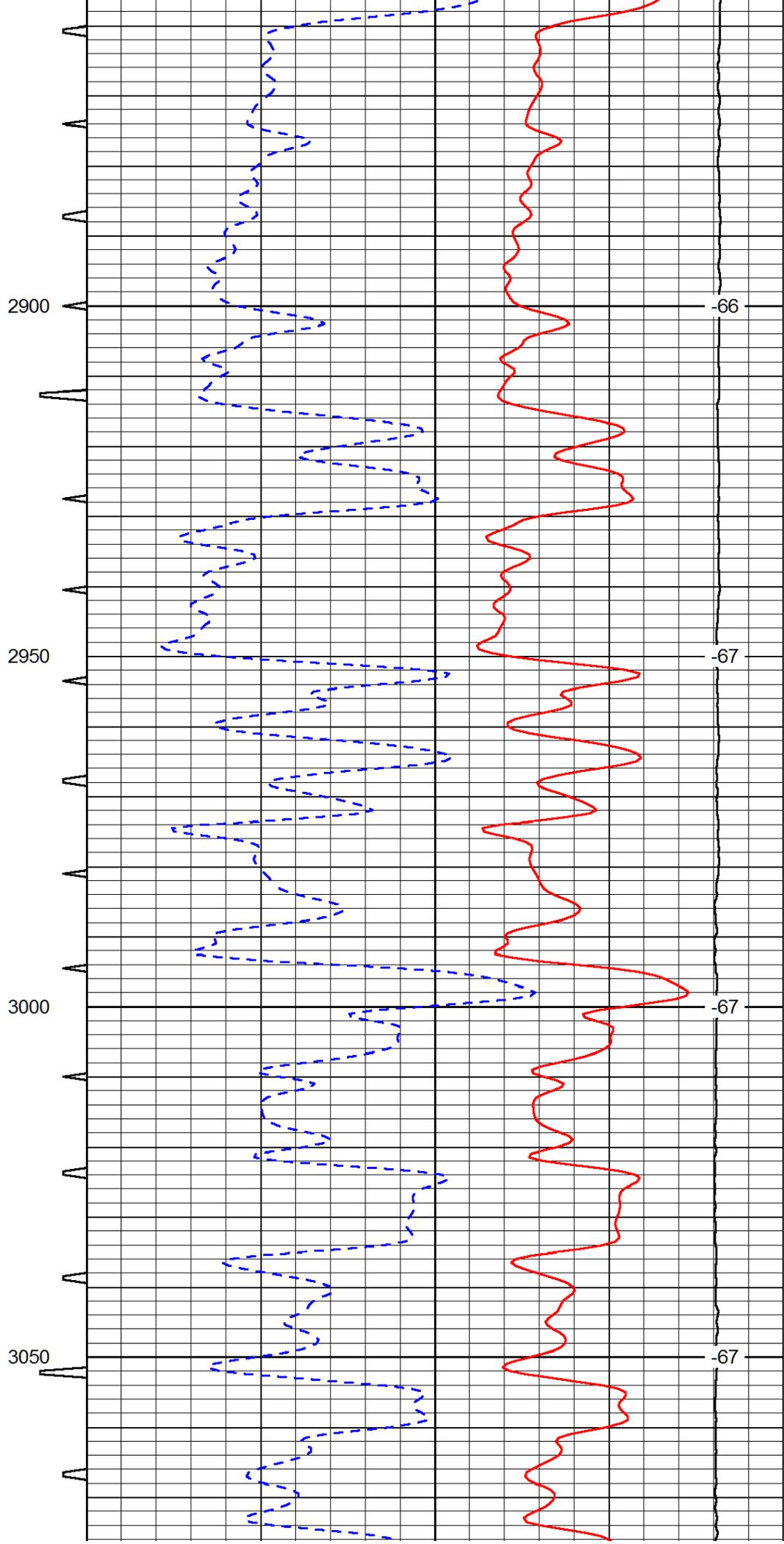
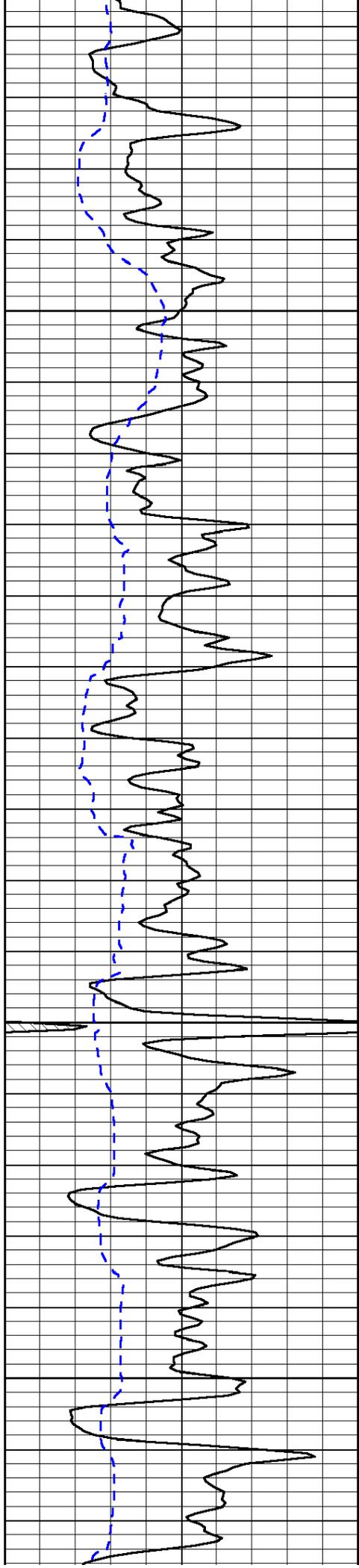


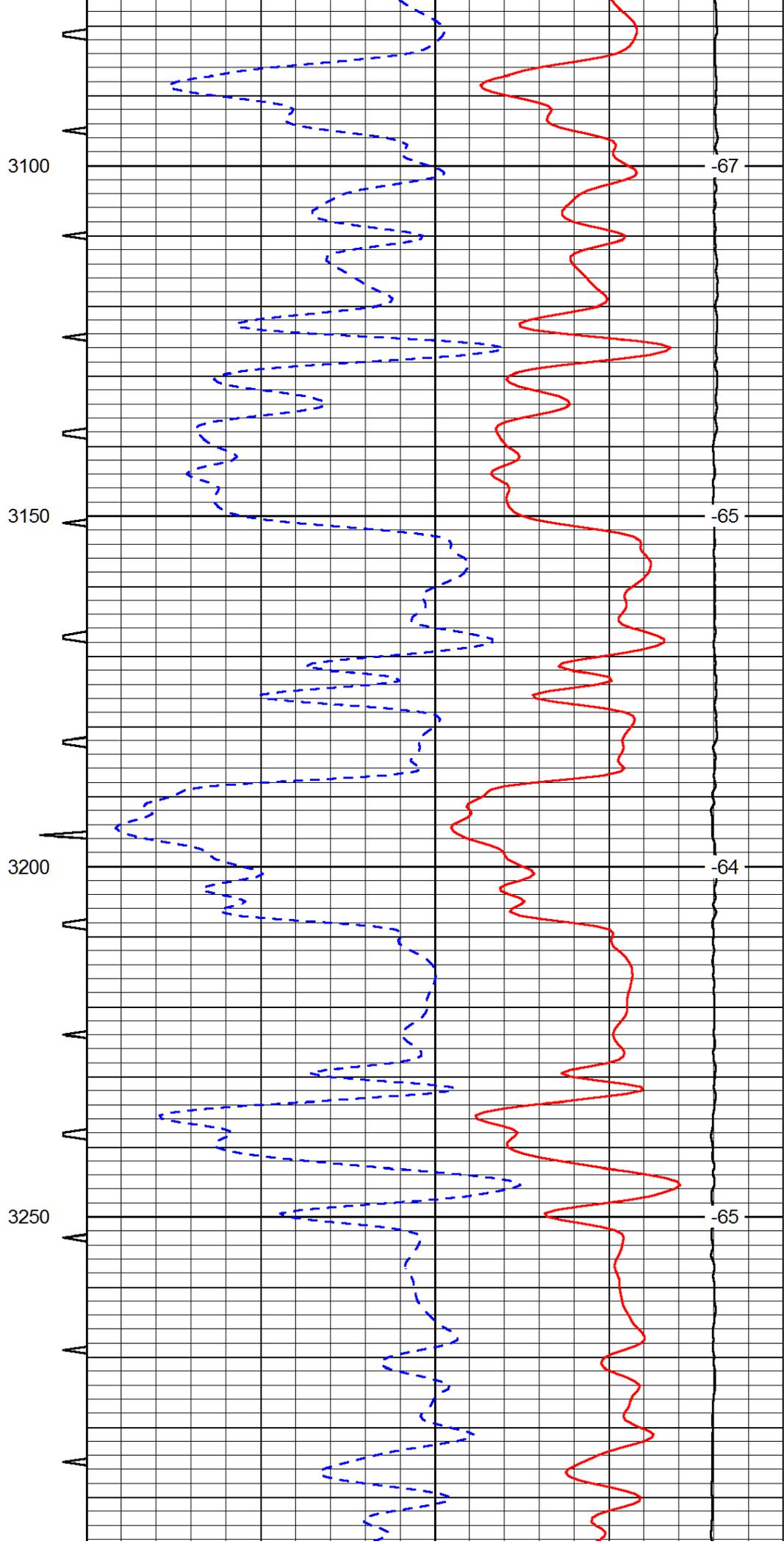
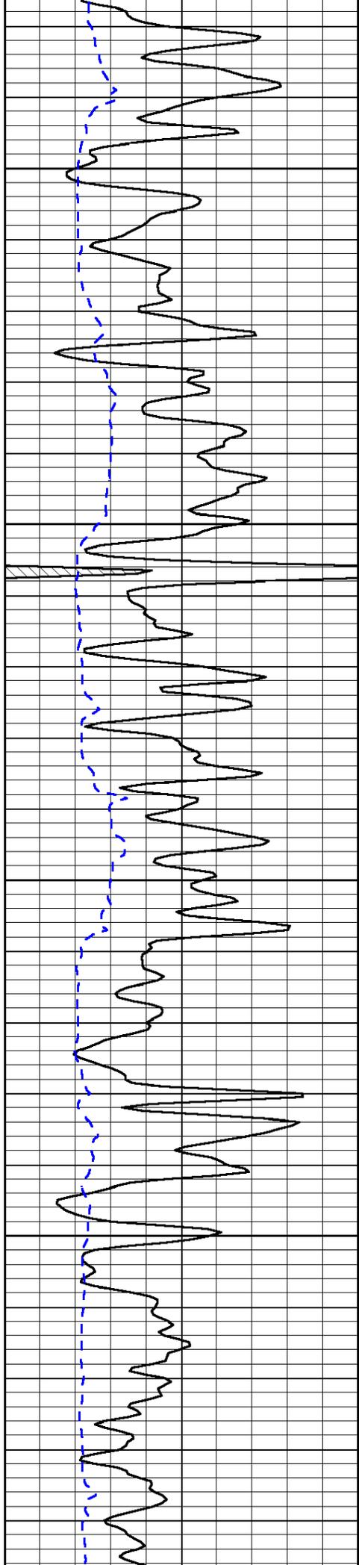


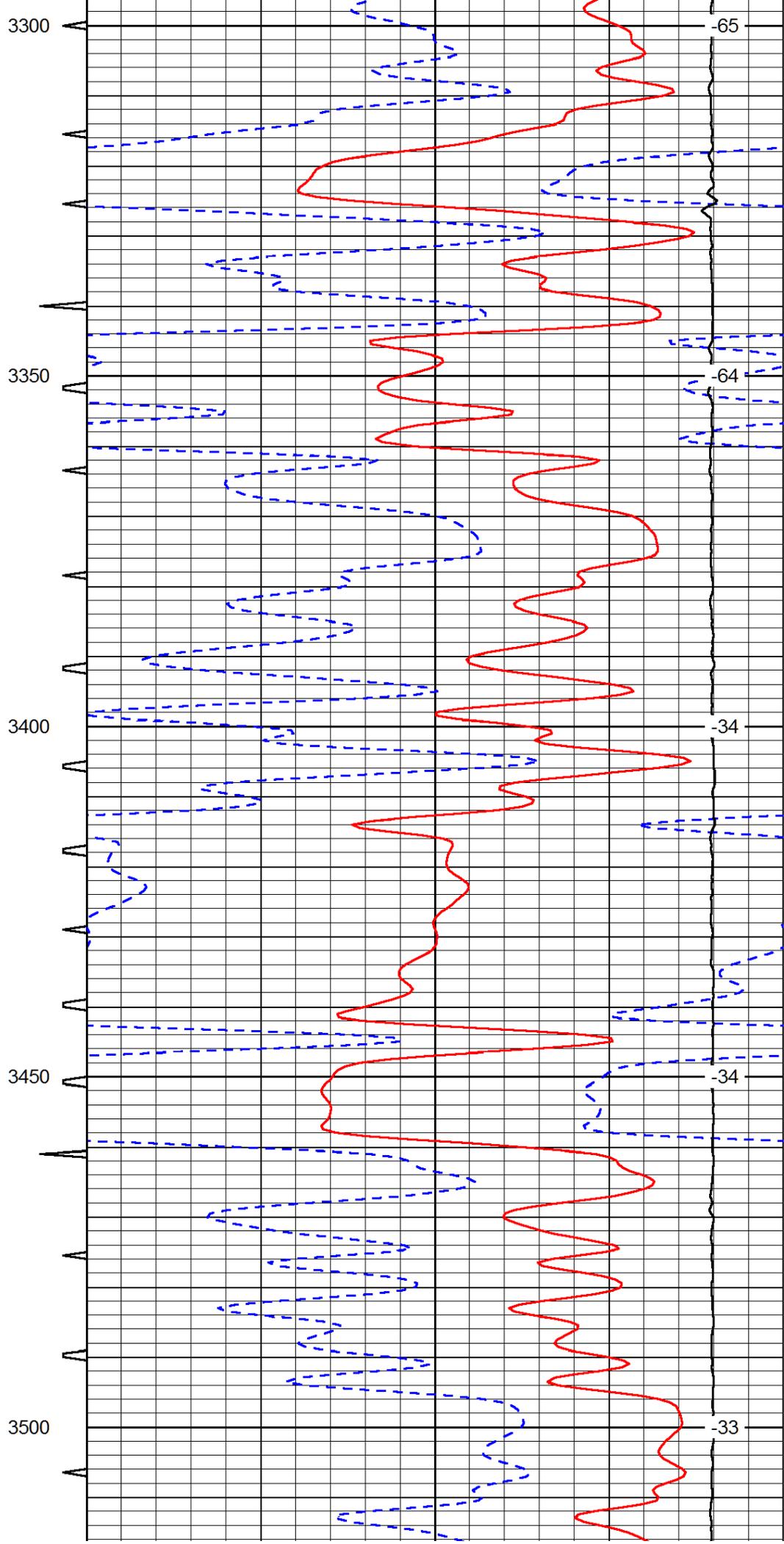
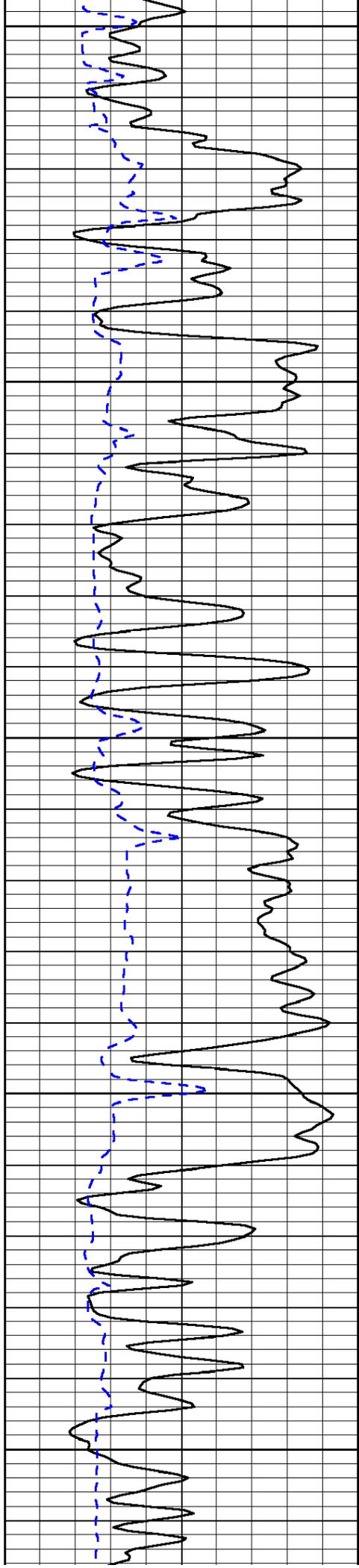


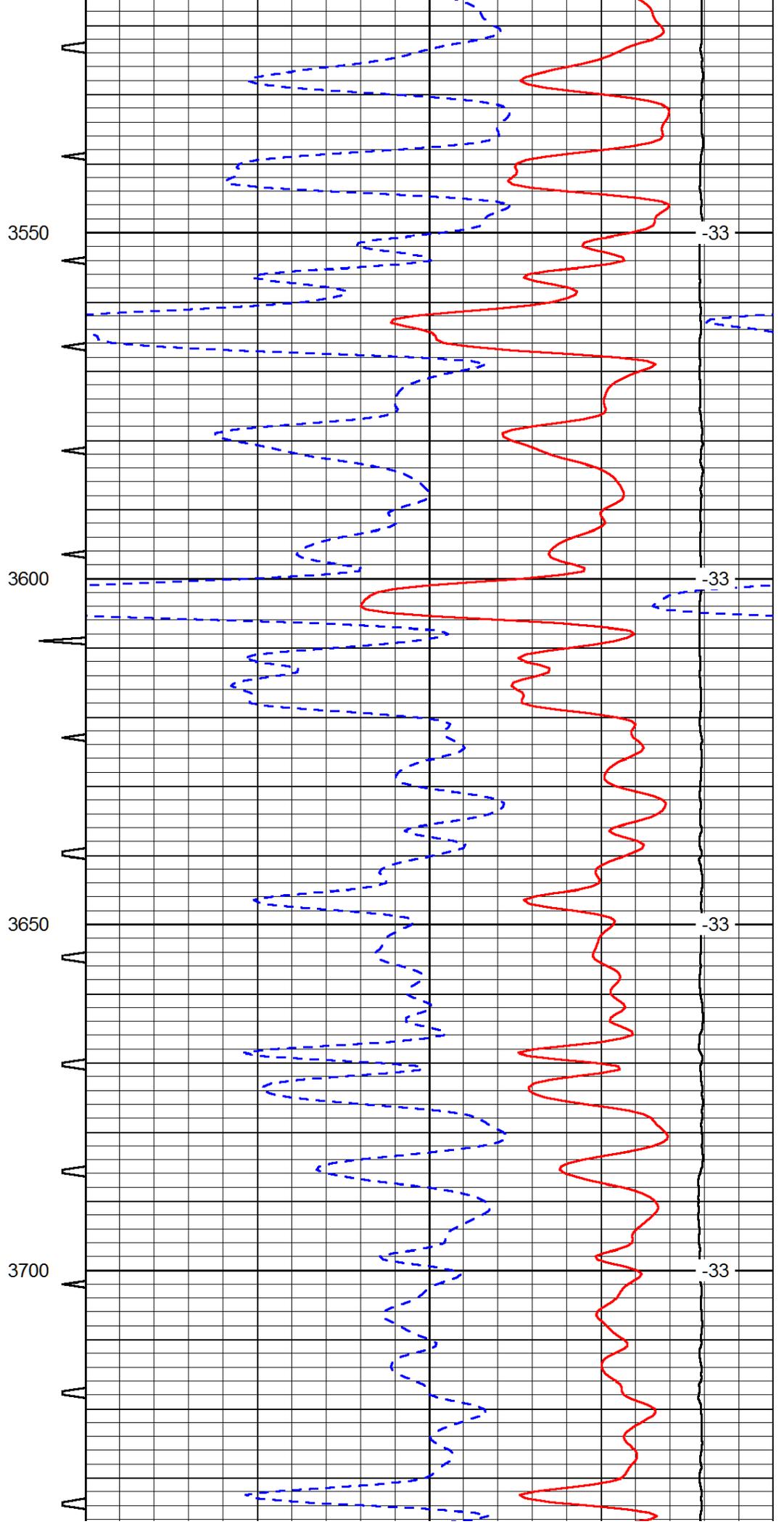
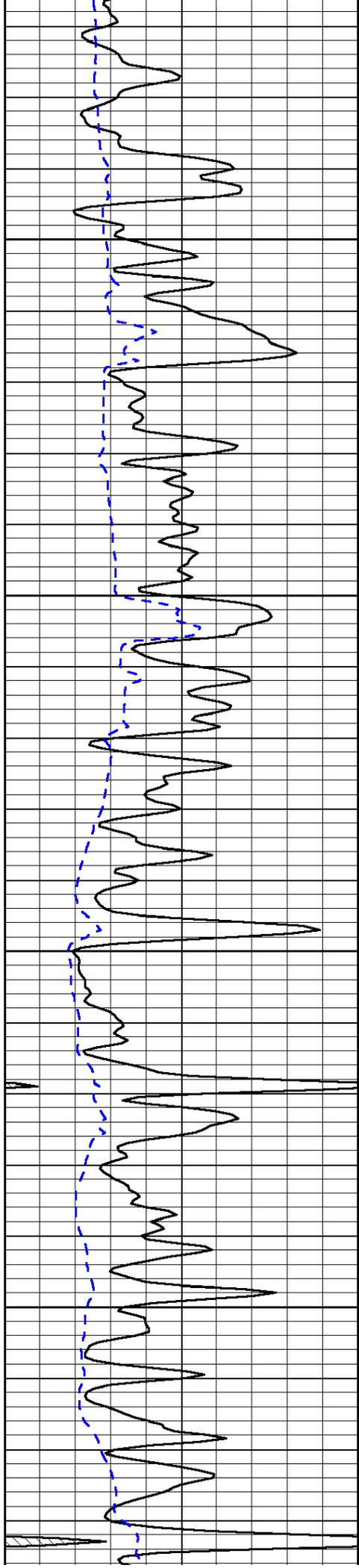


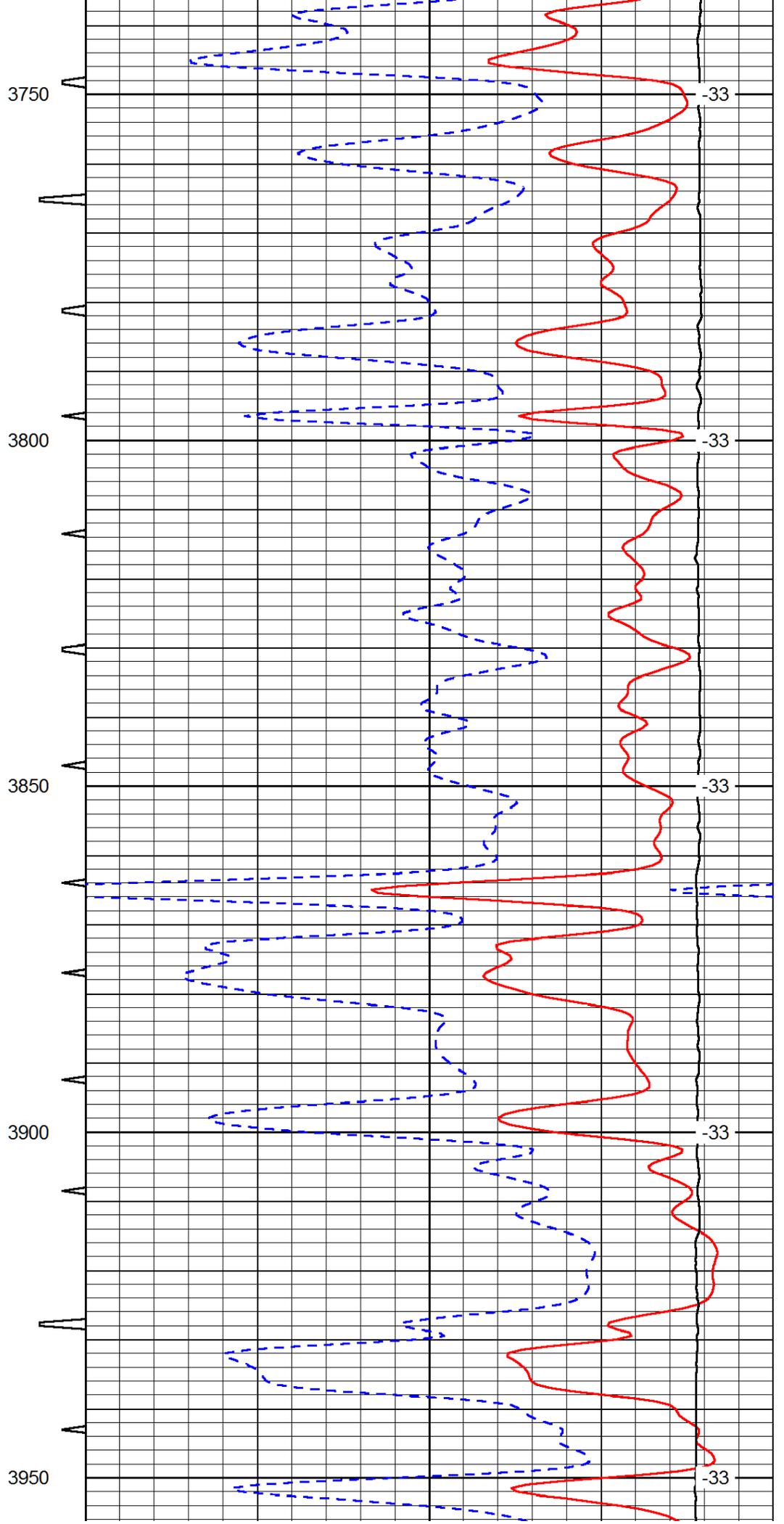
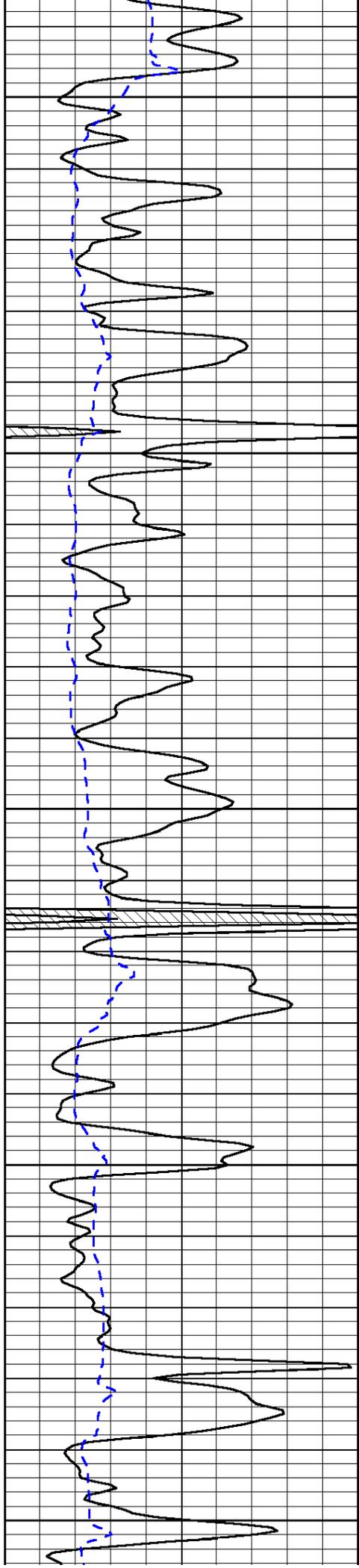


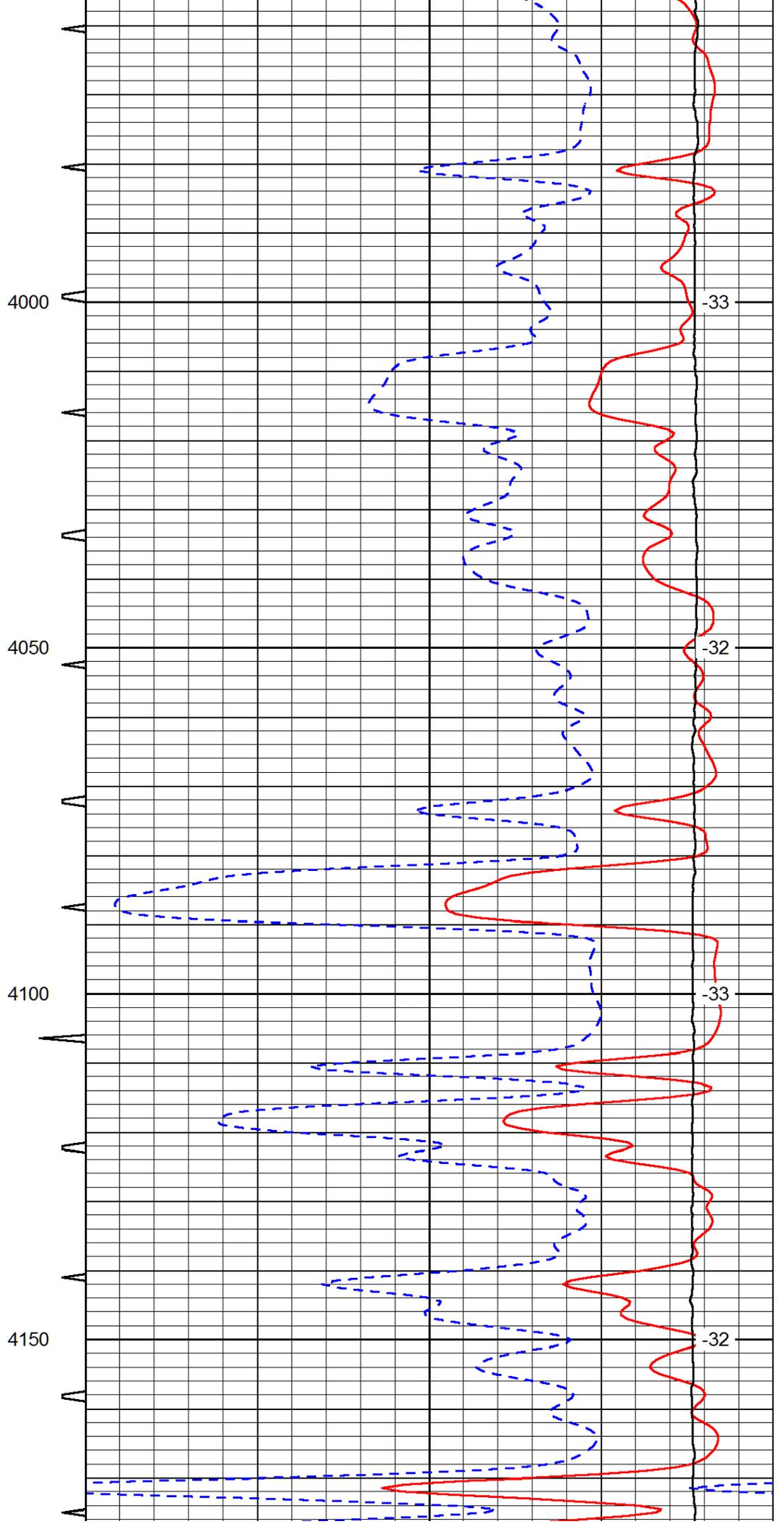
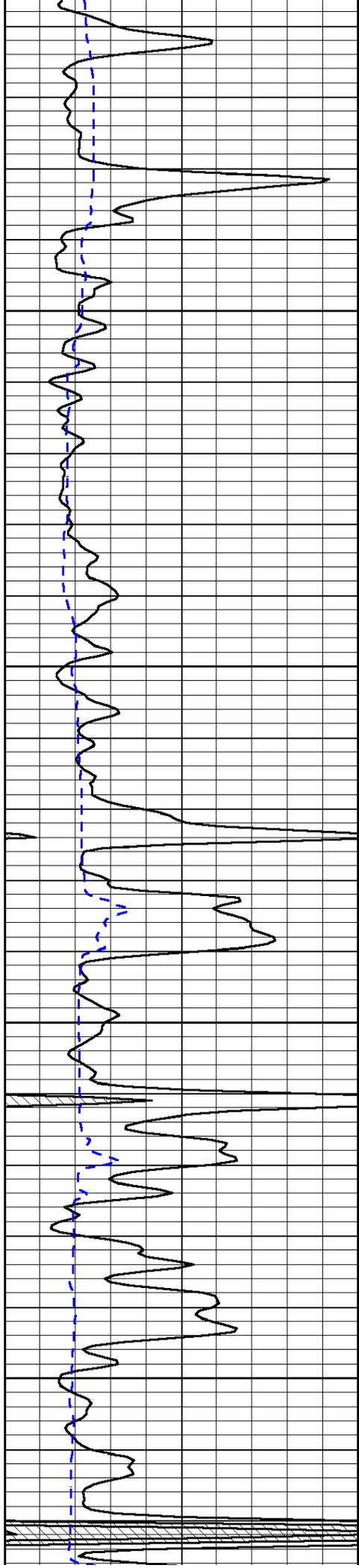


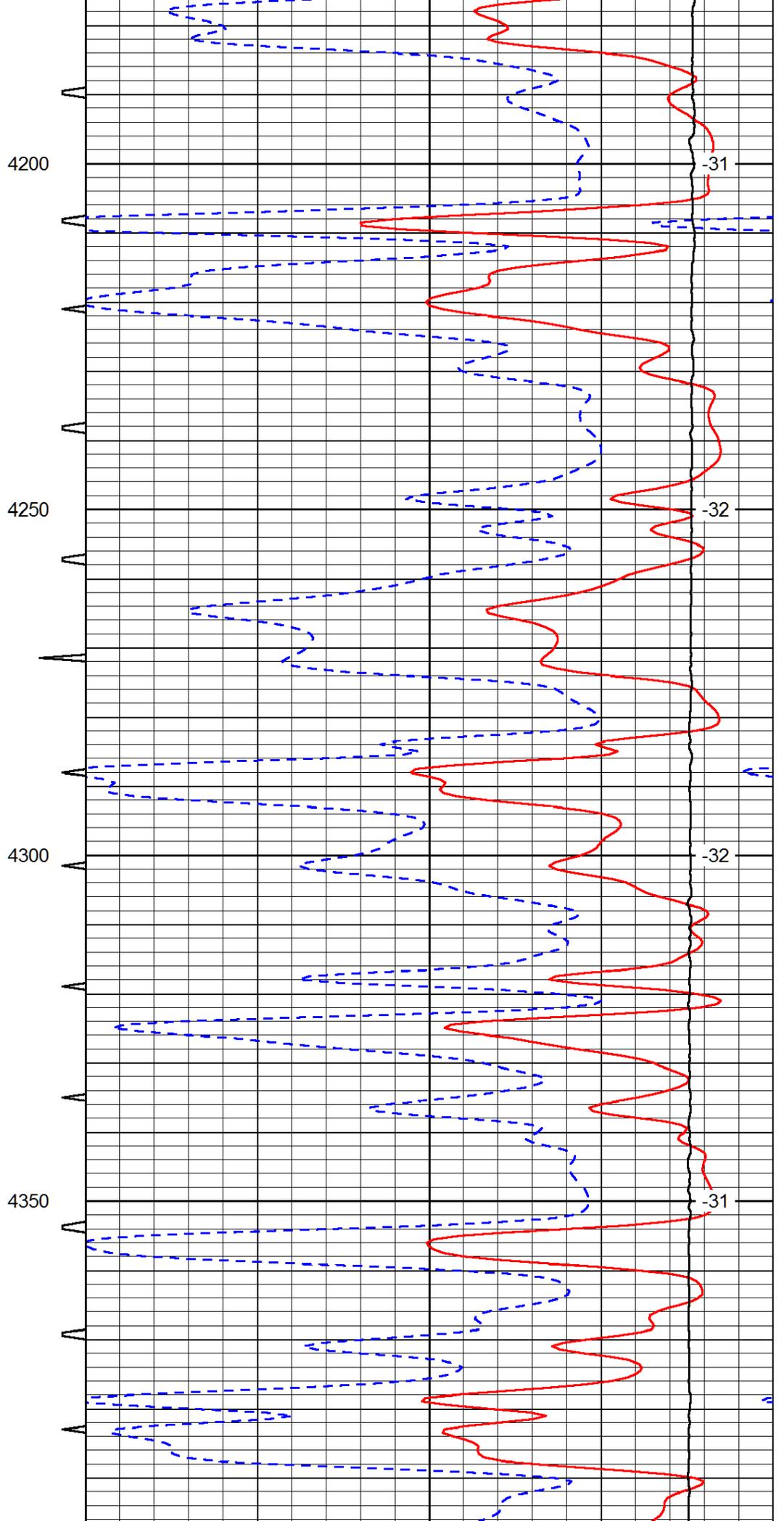
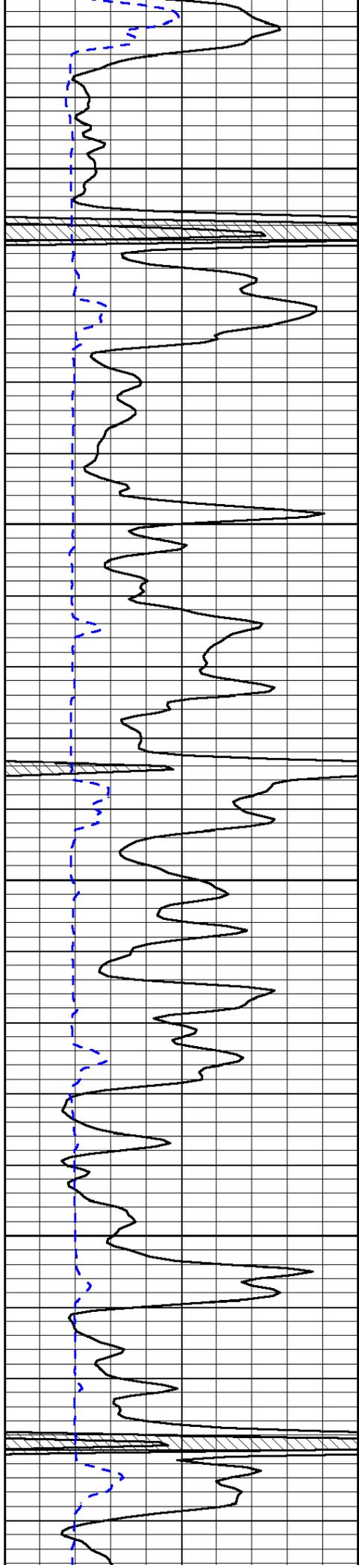


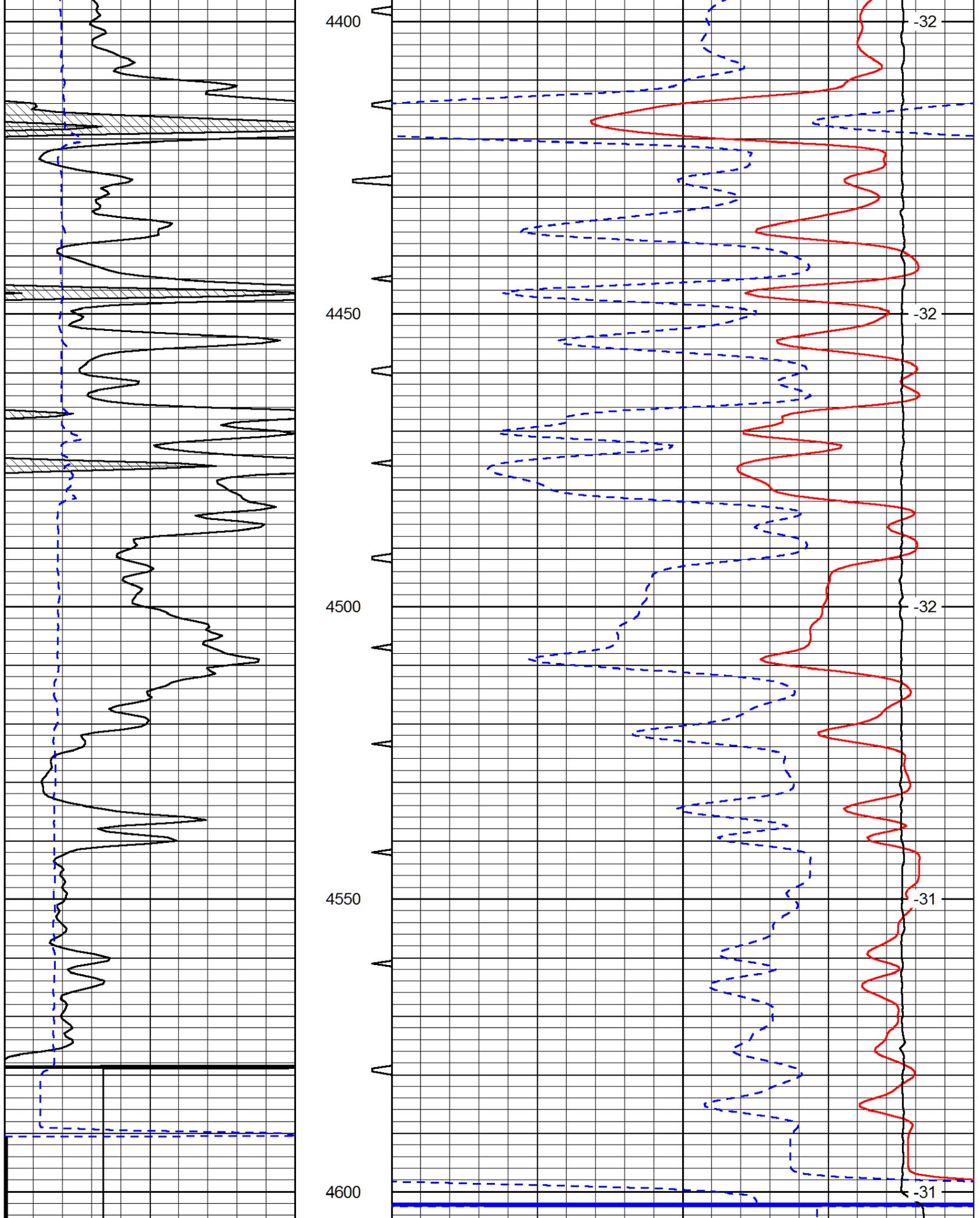












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