



**Borehole Compensated  
Sonic Log**

**DIGITAL LOG (785) 625-3858**

API No.	15-025-21,505-00-00
Company	Midco Exploration, Inc.
Well	Theis No 4-19
Field	Cash City South
County	Clark
State	Kansas
Location	NW SE SE 430' FSL & 450' FEL
Sec: 19	Twp: 33S Rge: 25W
Permanent Datum	Ground Level
Log Measured From	Kelly Bushing
Drilling Measured From	Kelly Bushing
Elevation	2145
Other Services	CNL/CDL MEL/DIL

Date	05/27/2010
Run Number	Two
Type Log	BHC Sonic
Depth Driller	7501
Depth Logger	7503
Bottom Logged Interval	7492
Top Logged Interval	850
Type Fluid In Hole	Chemical
Salinity, PPM CL	6,000
Density	9.3
Level	Full
Max. Rec. Temp. F	153
Operating Rig Time	7 Hours
Equipment -- Location	17 Hays
Recorded By	Mike Garrison
Witnessed By	Kent Weltmer

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	878	8.625	24#	00	878
2	7.875	878	7501				

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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.

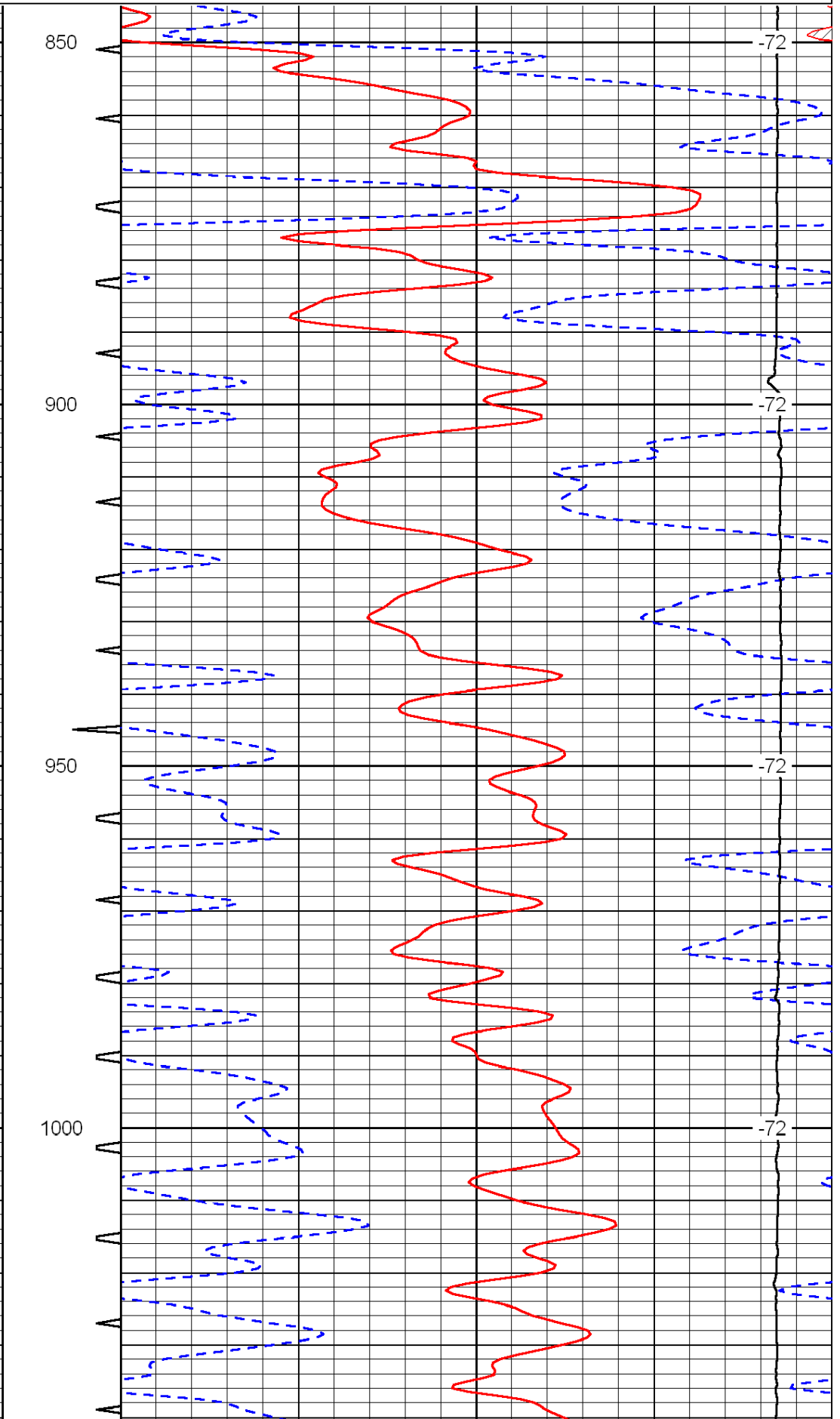
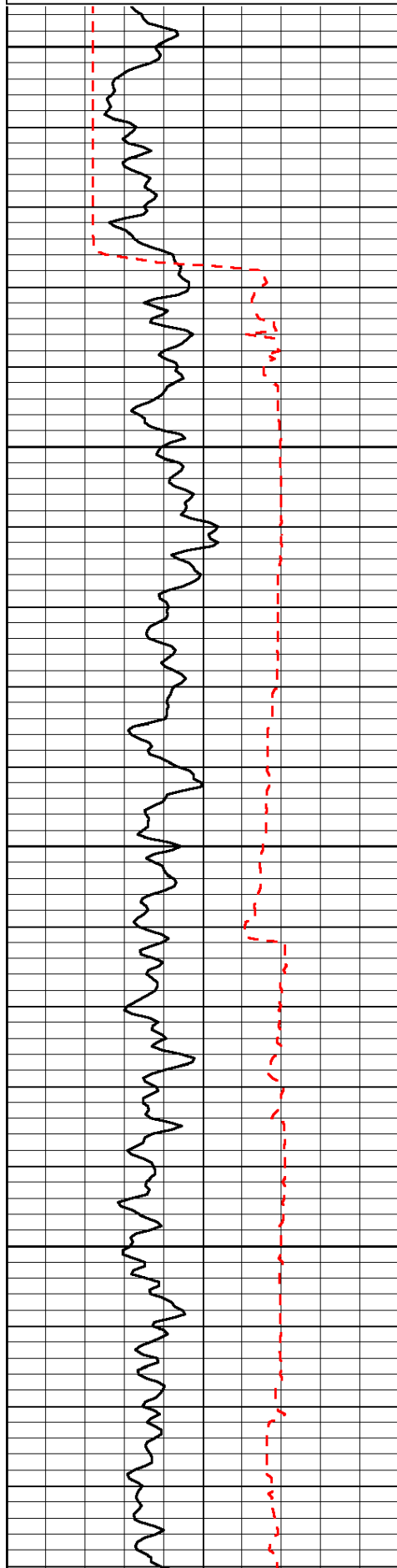
**Comments**

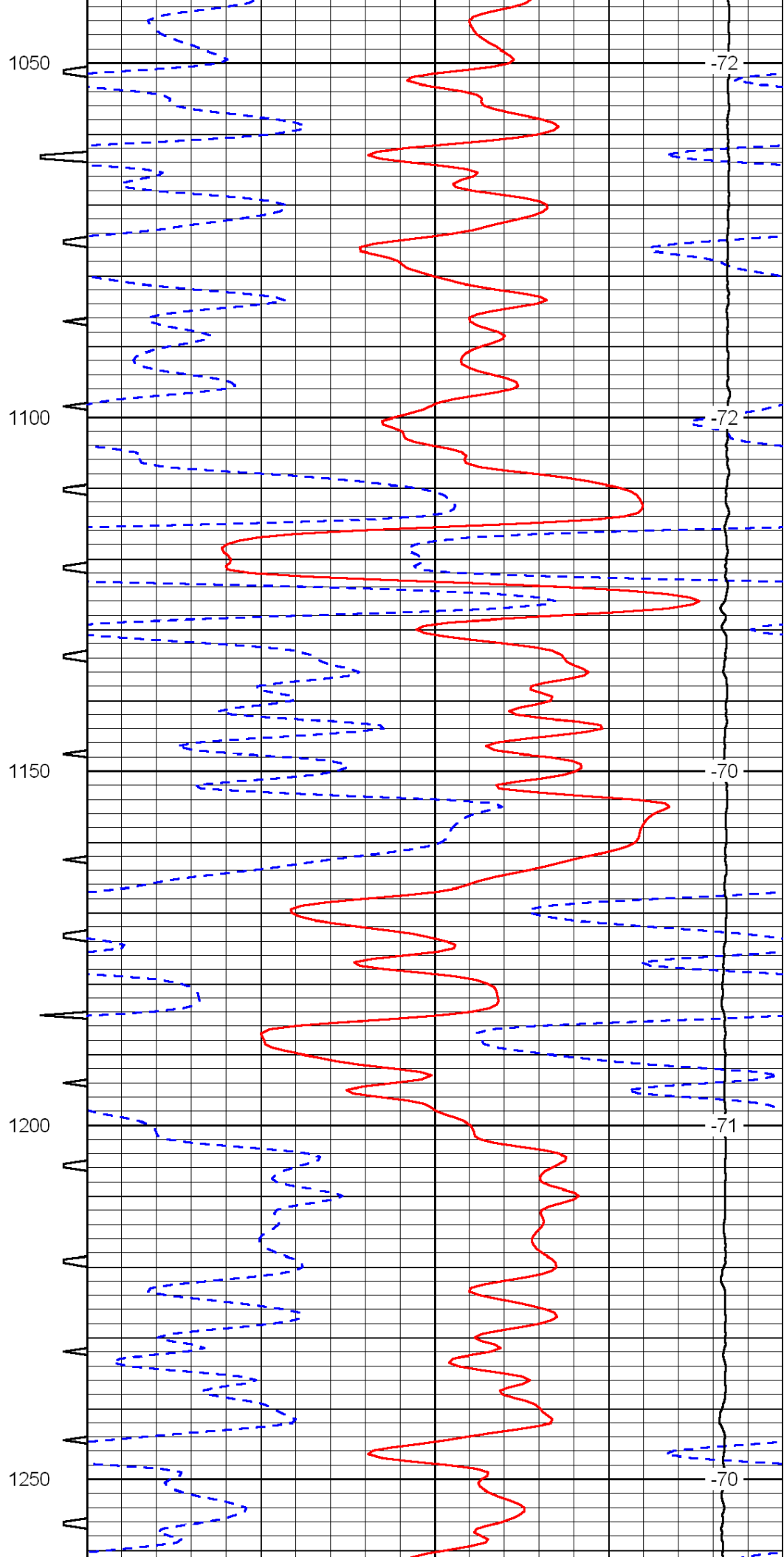
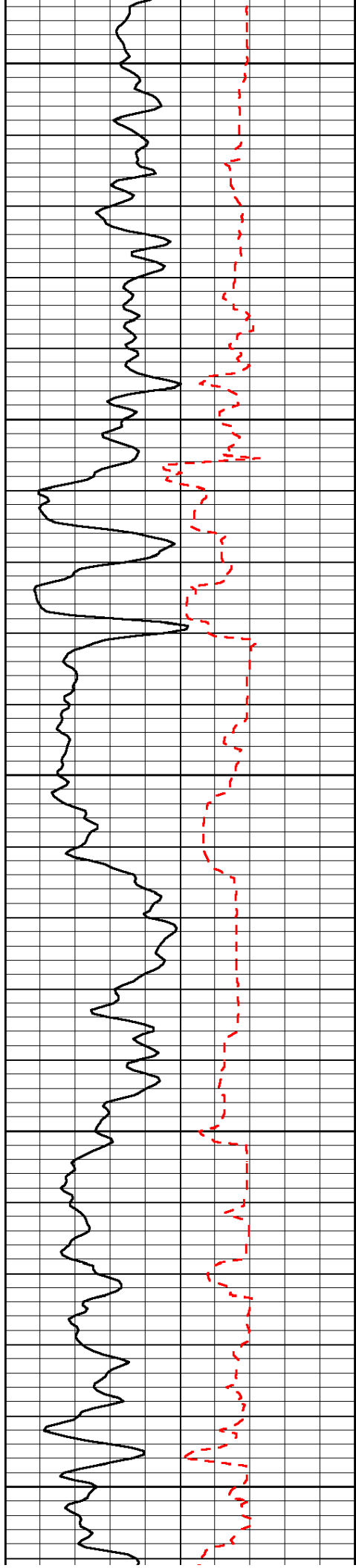
Thank you for using Log-Tech, Inc.  
 (785) 625-3858  
  
 283/160 Jct. 1 South, 6.2 West, South on lease Rd 1 1/4 cross bridge to second cattle guard,  
 go right to top of hill, go left, follow road to rig.

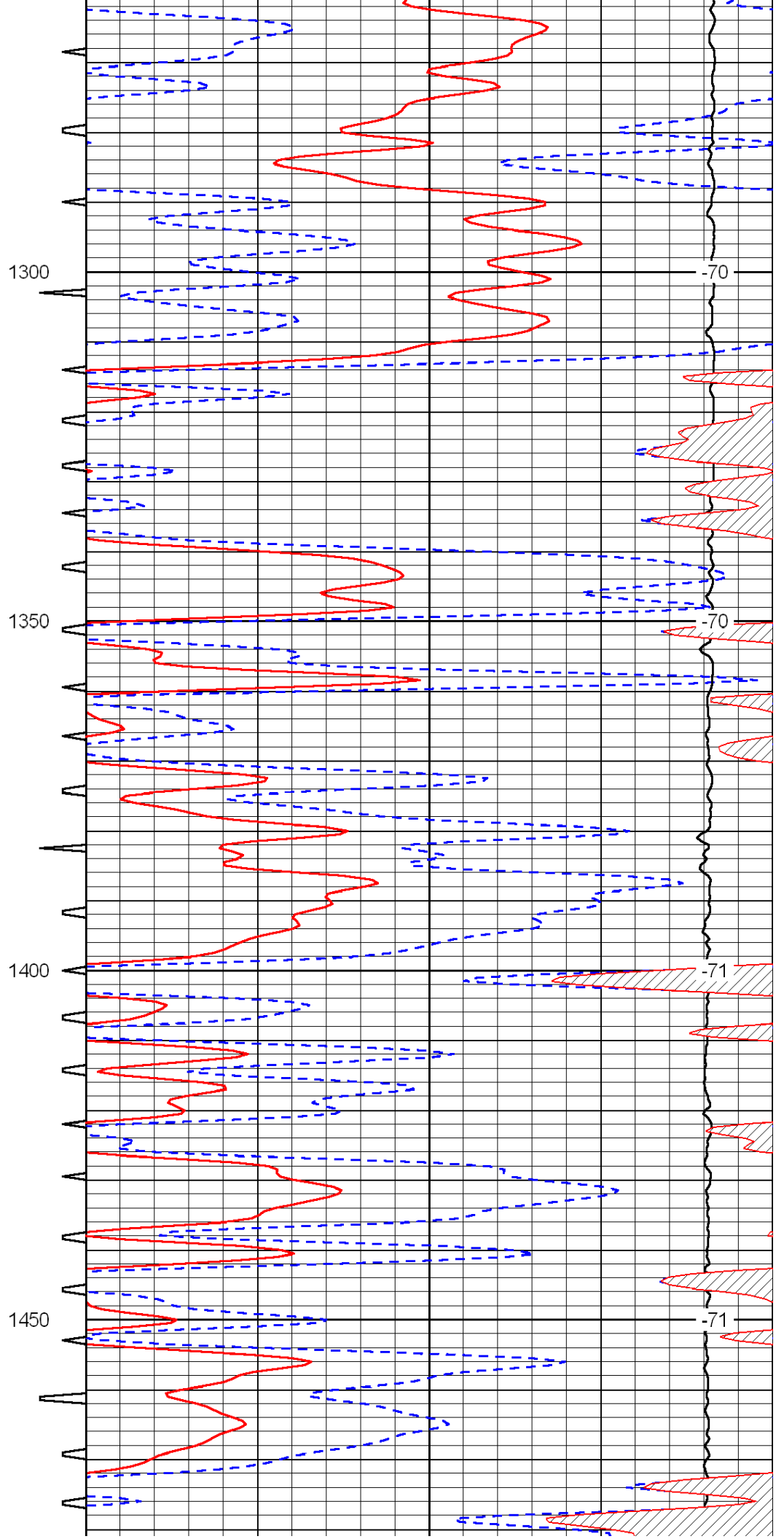
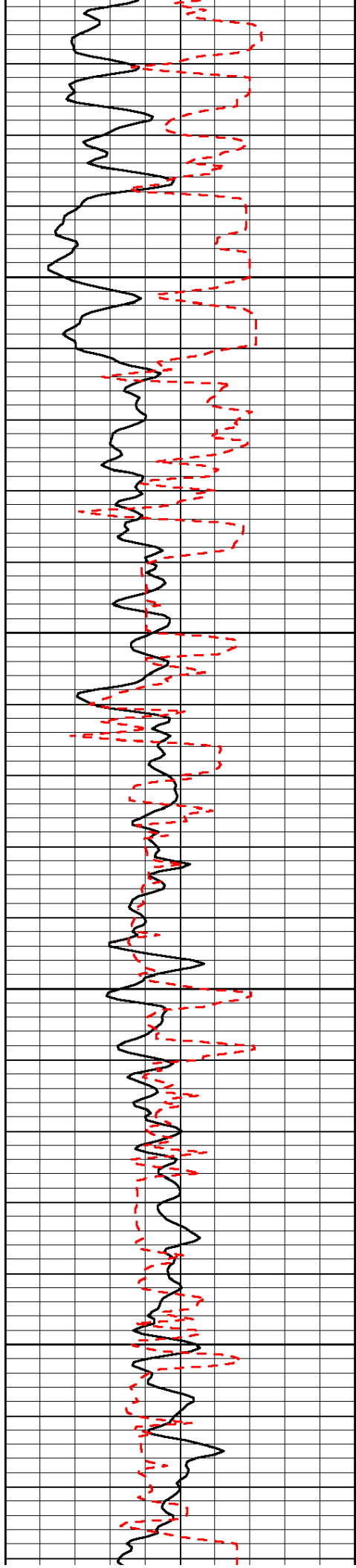
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 Dataset Pathname: dil/midstck  
 Presentation Format: sonic  
 Dataset Creation: Thu May 27 15:28:20 2010  
 Charted by: Depth in Feet scaled 1:240

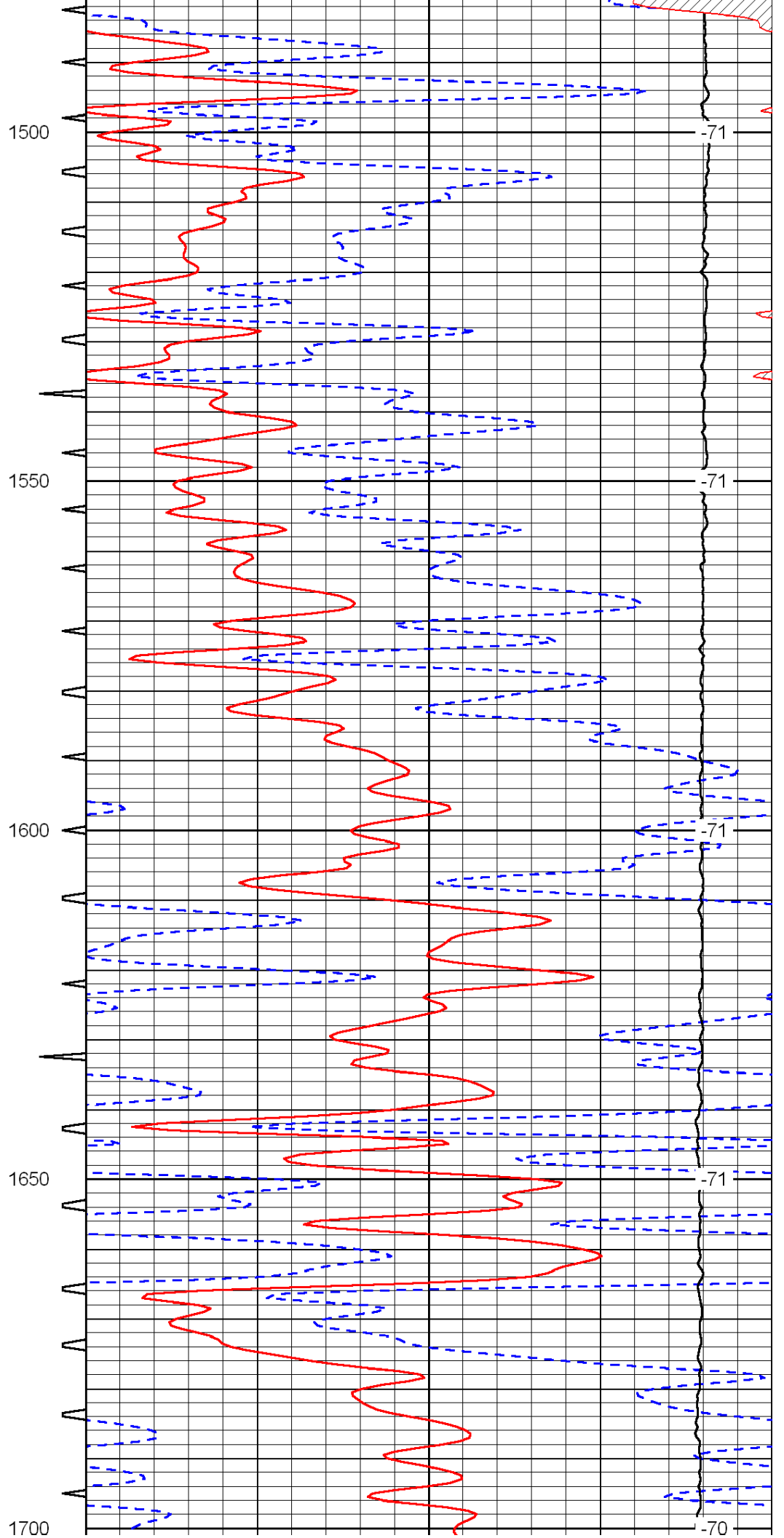
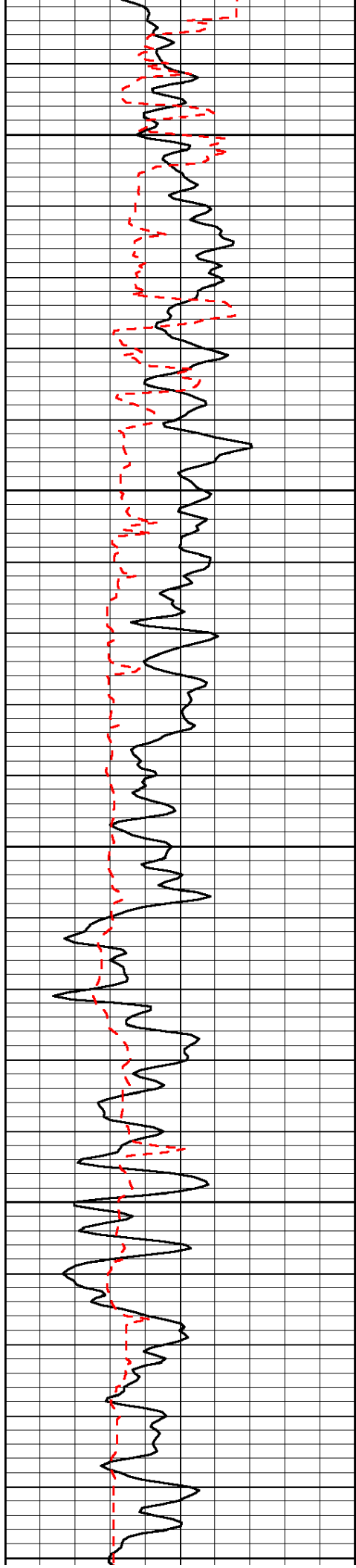
0	Gamma Ray	150	Sonic Int	140	Delta Time (usec/ft)	40
150	Gamma Ray	300	5	0	SPOR	-10
6	Caliper (GAPI)	16		15000	LTEN (lb)	0

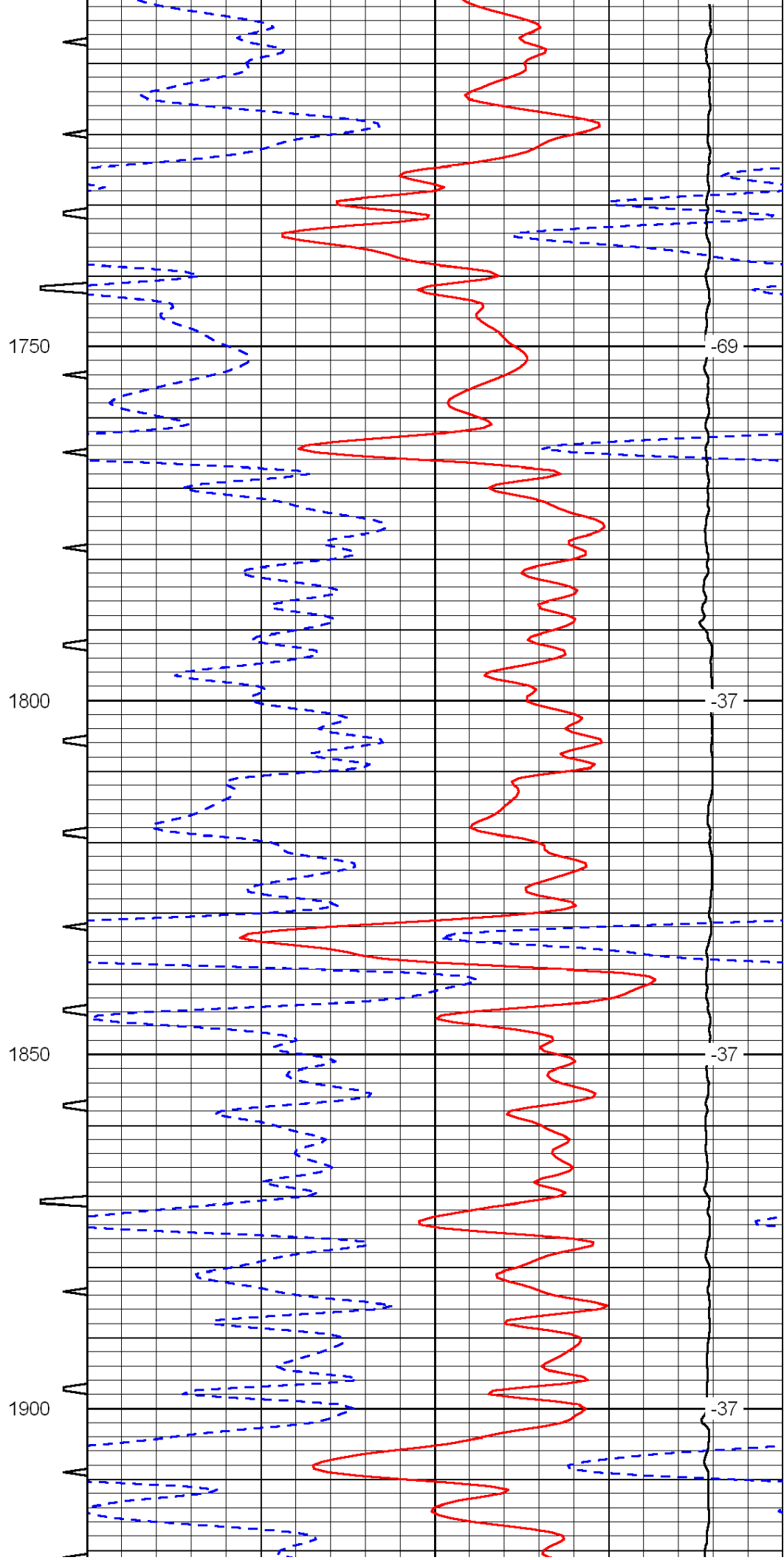
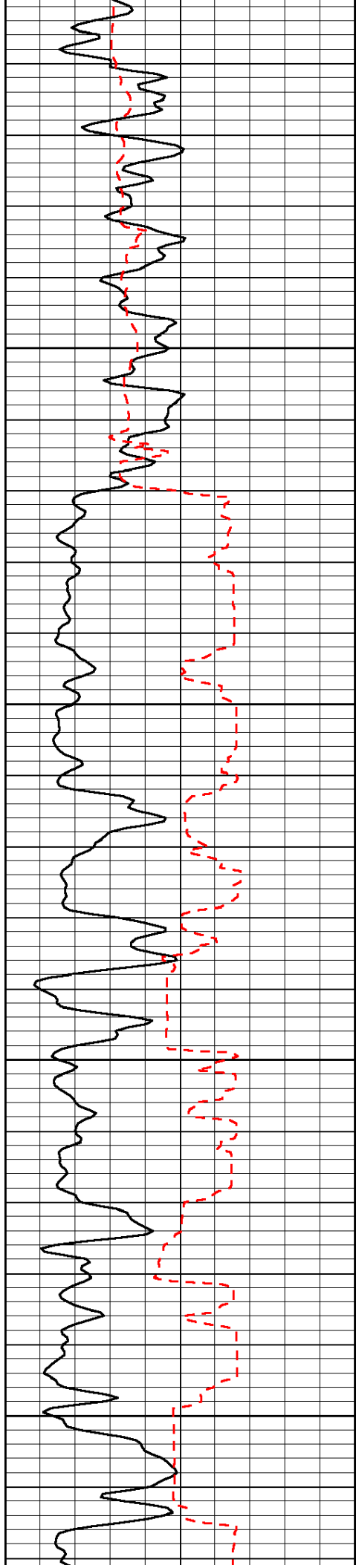
LSPD

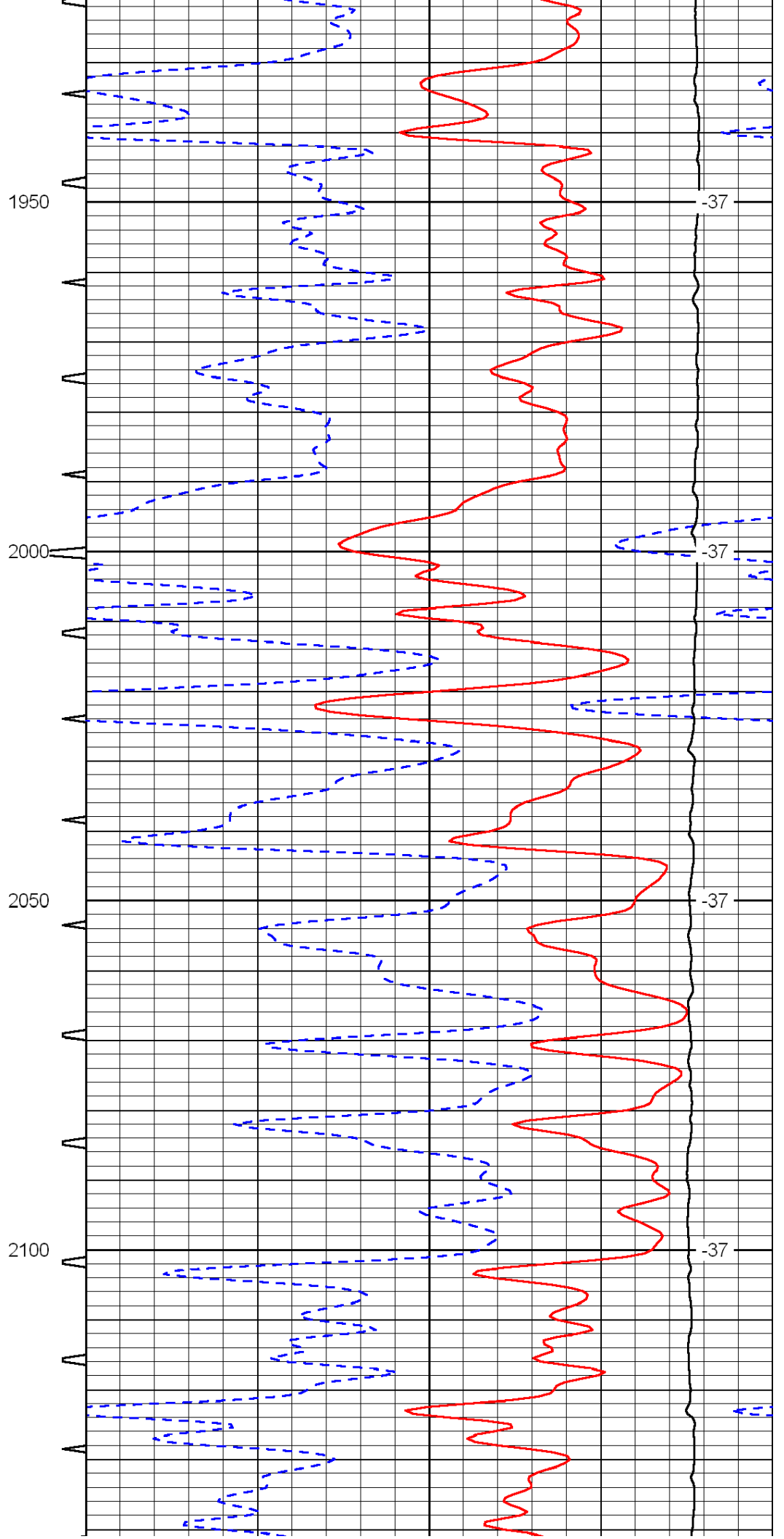
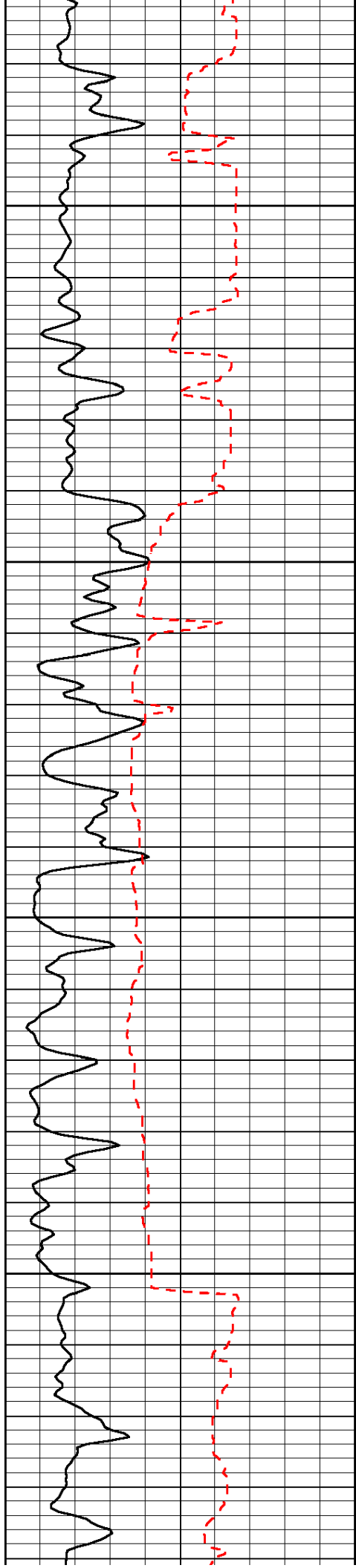


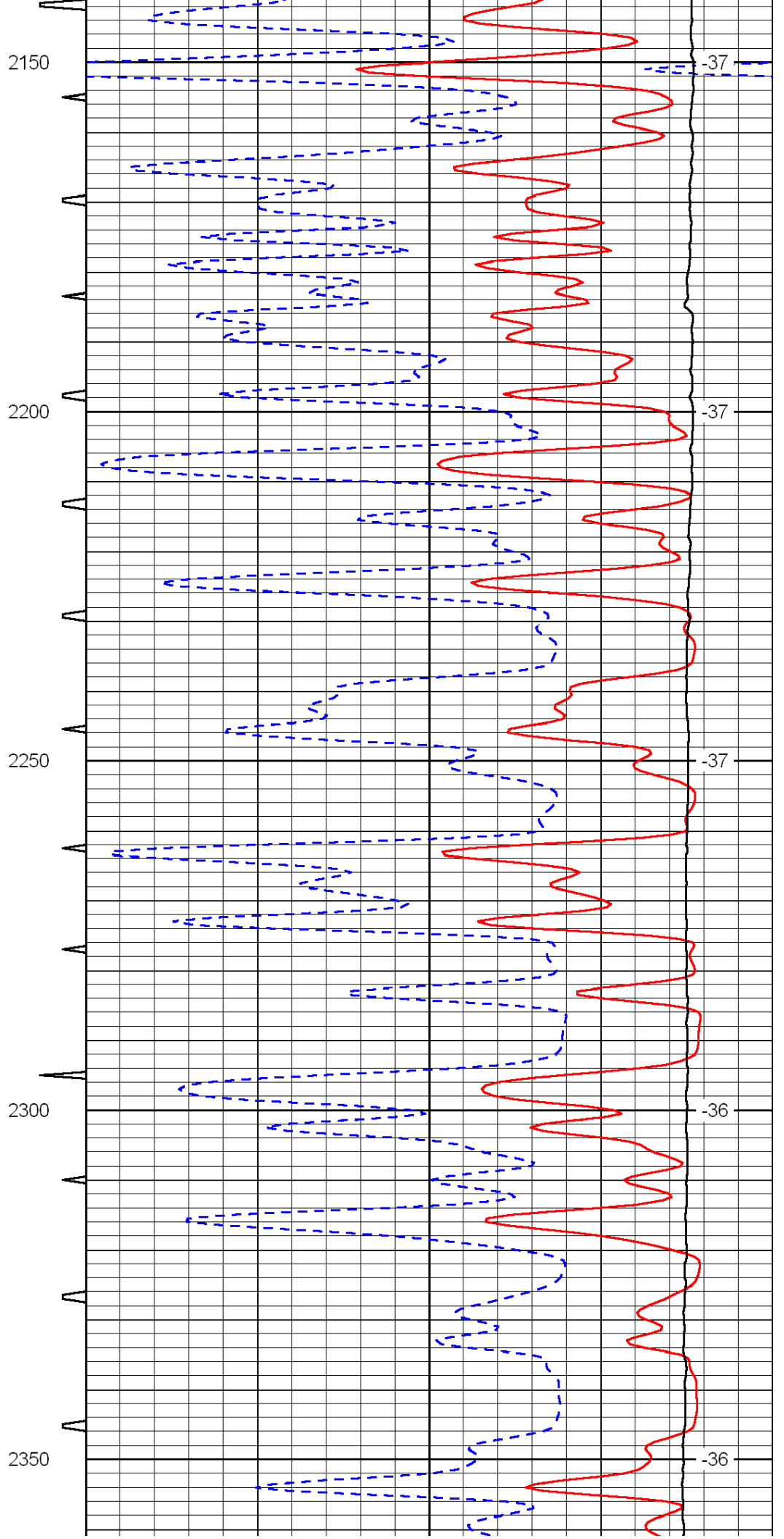
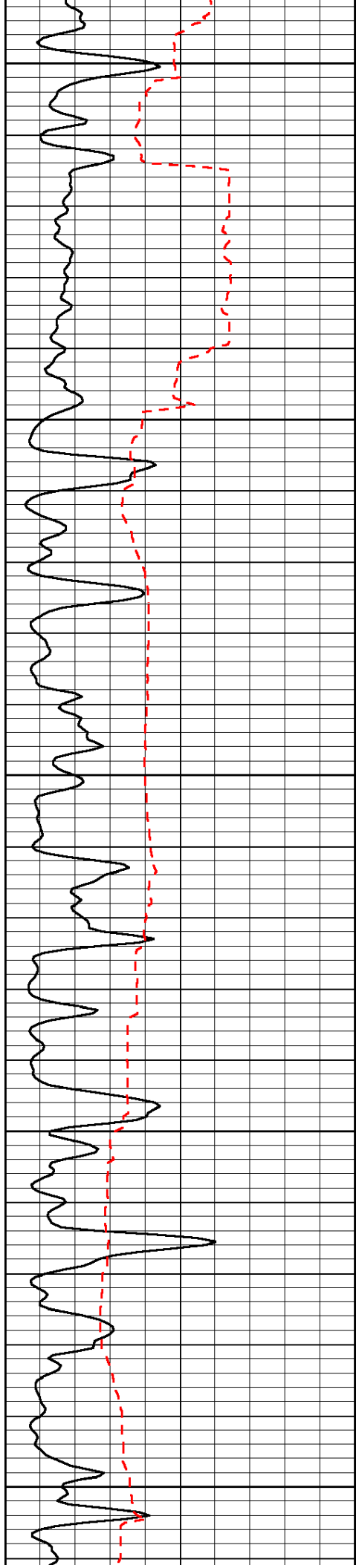


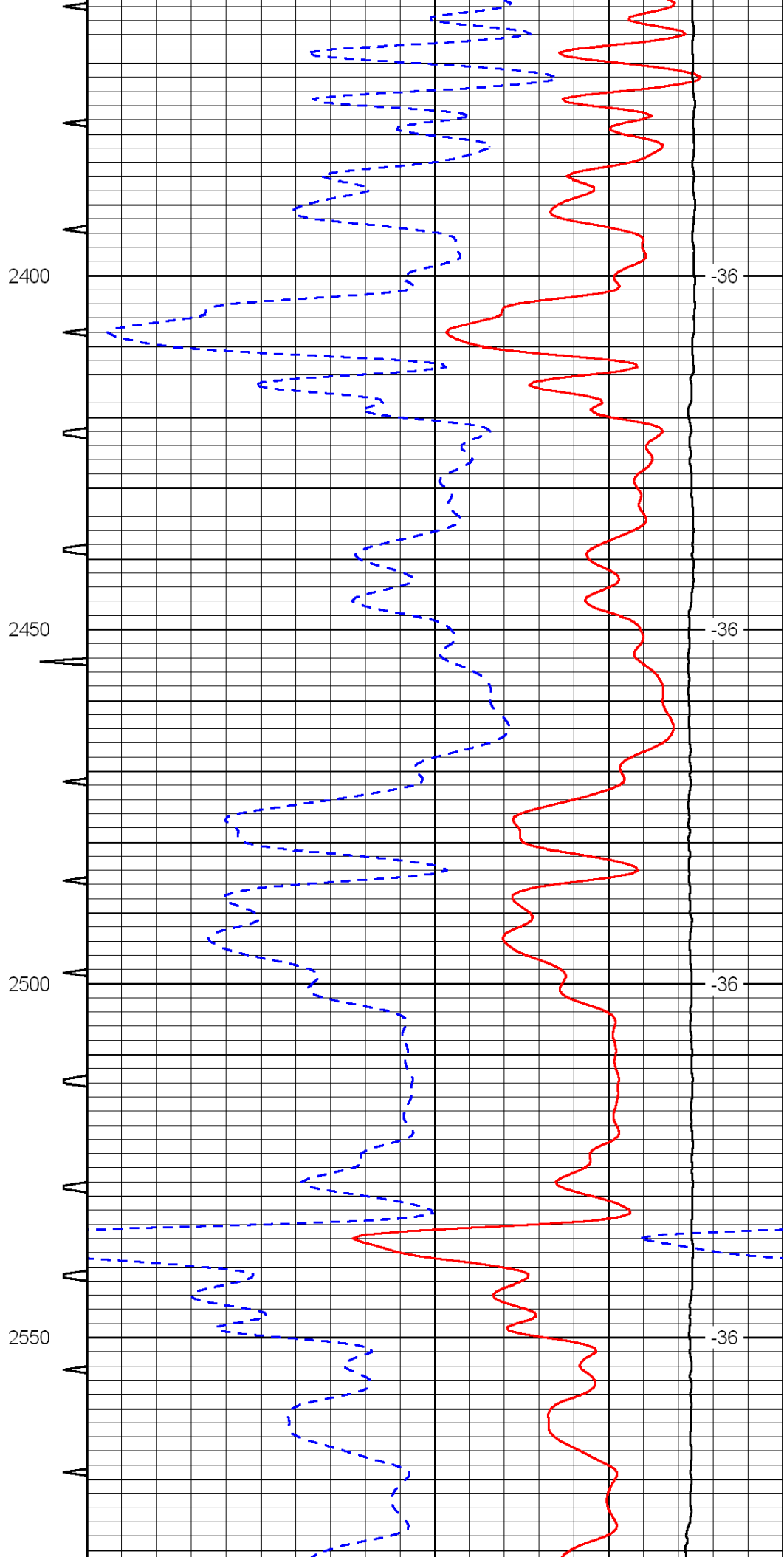
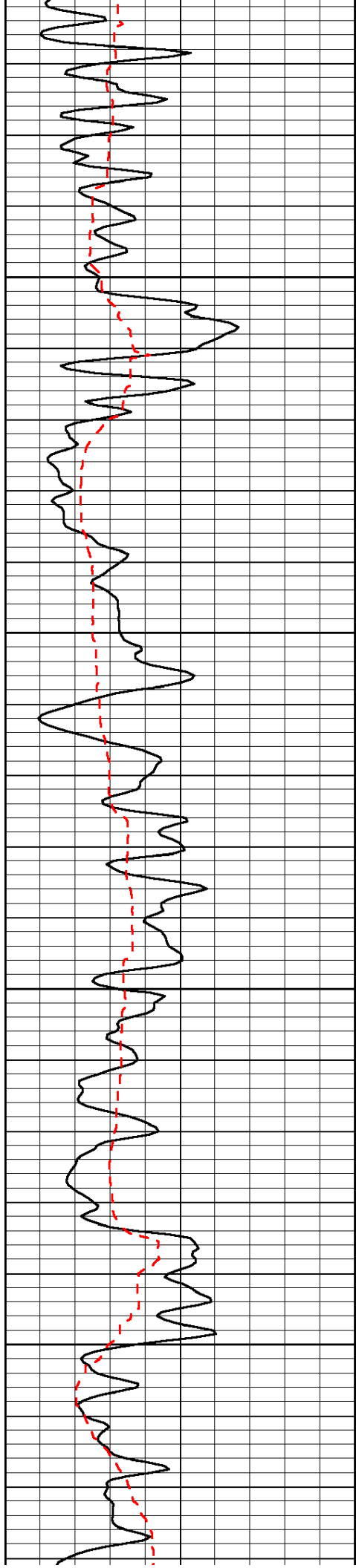


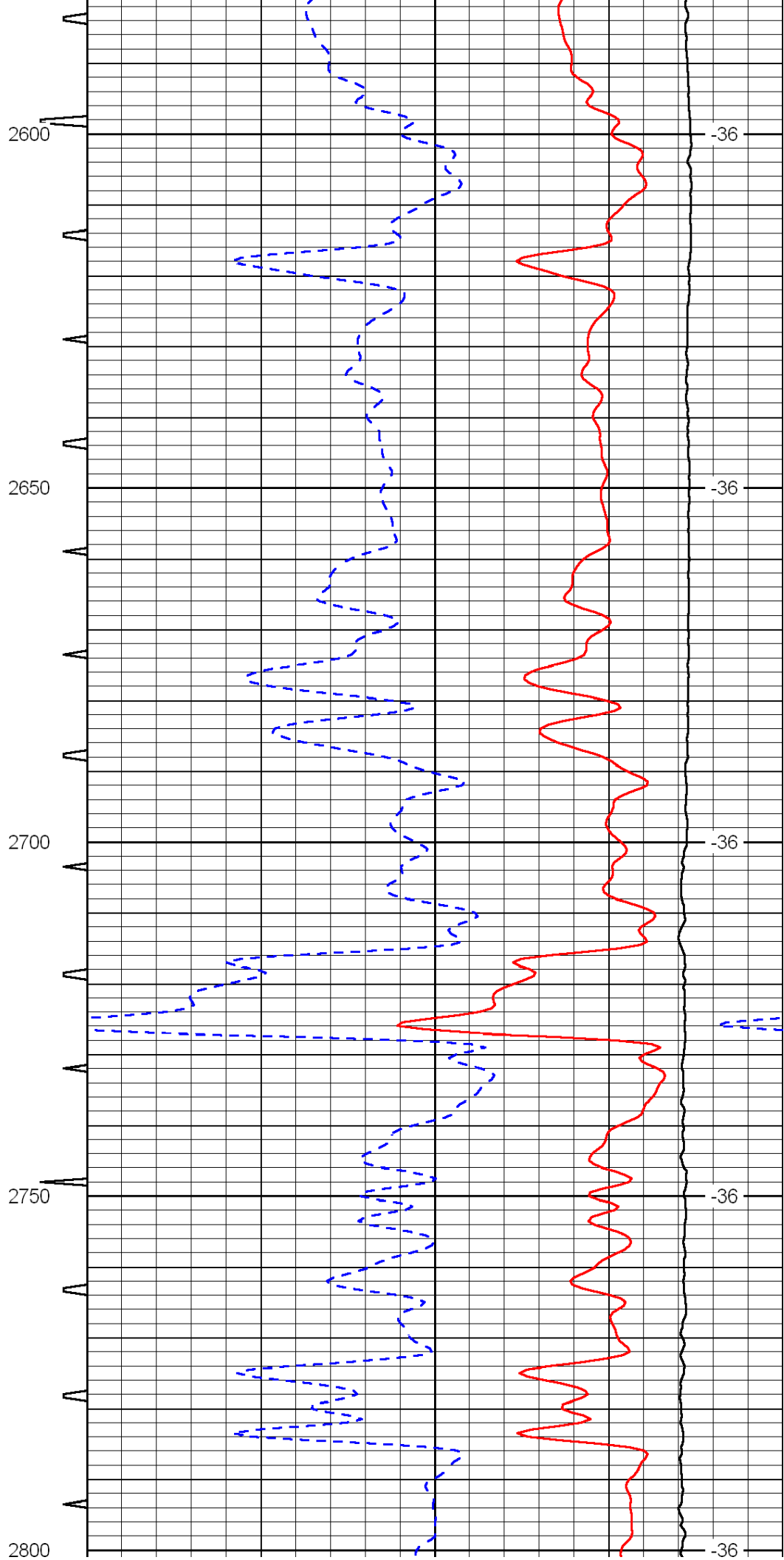
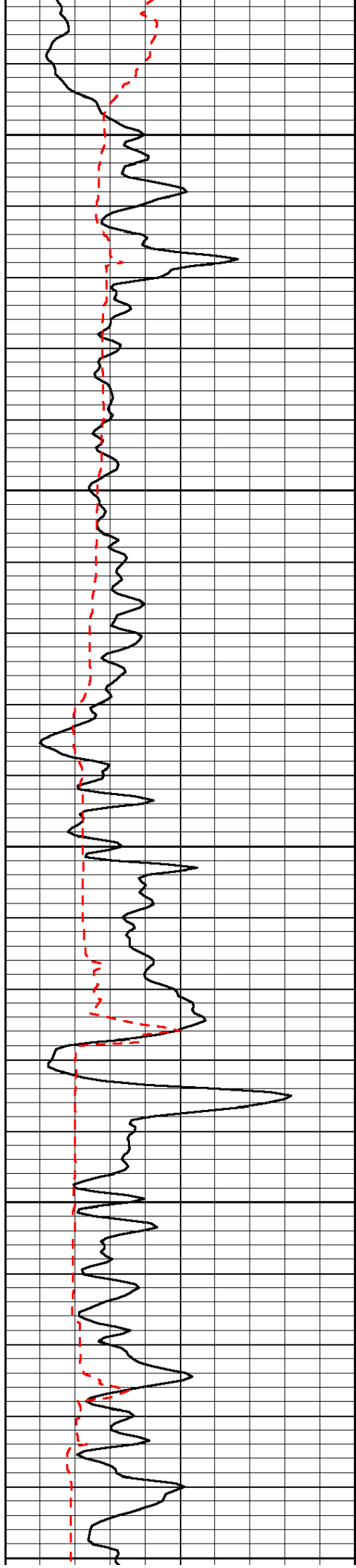


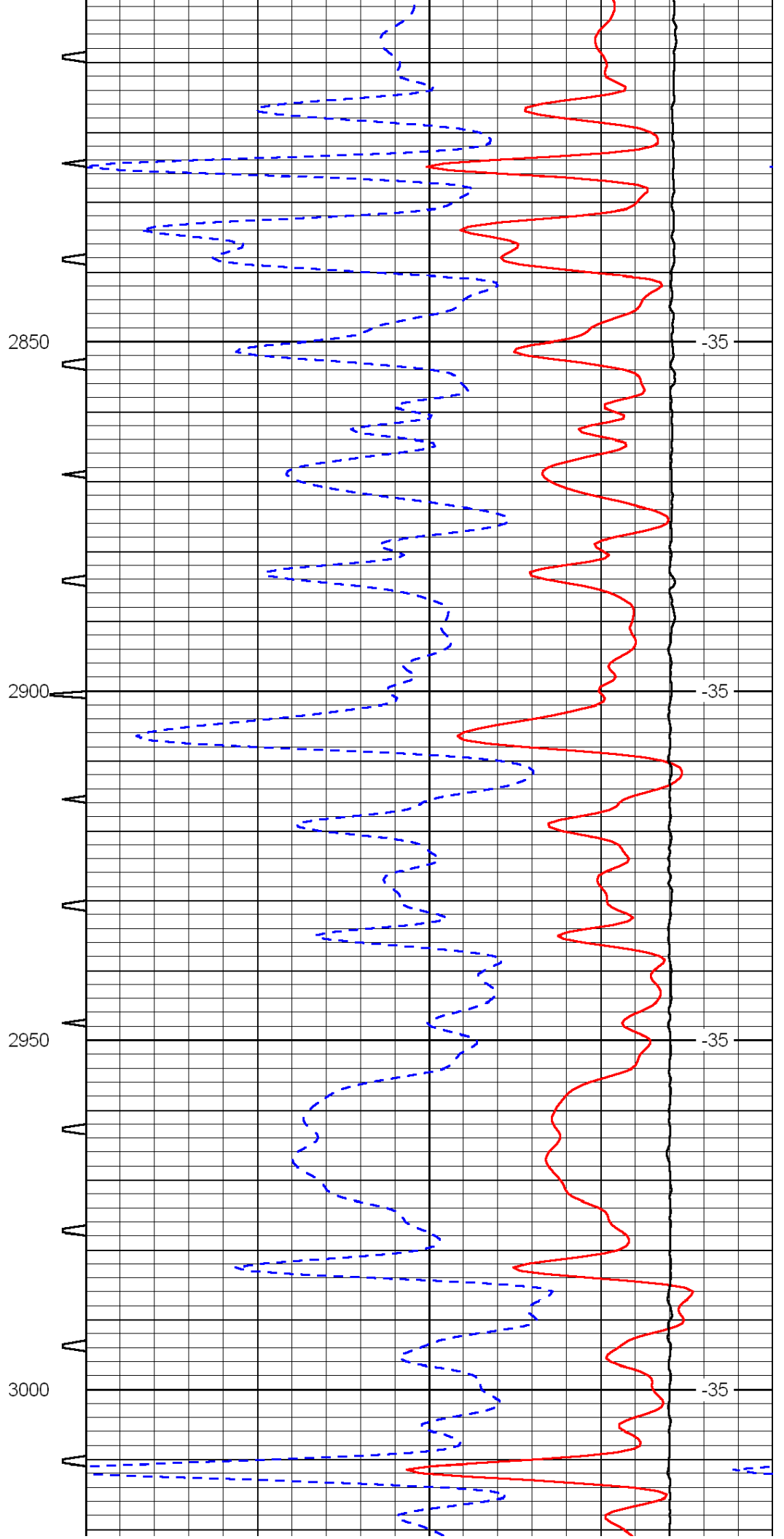
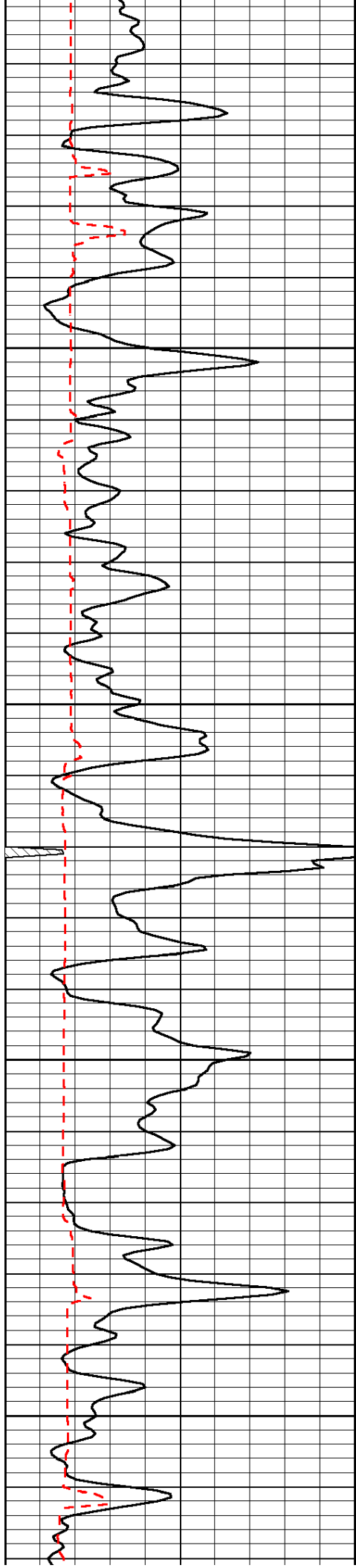


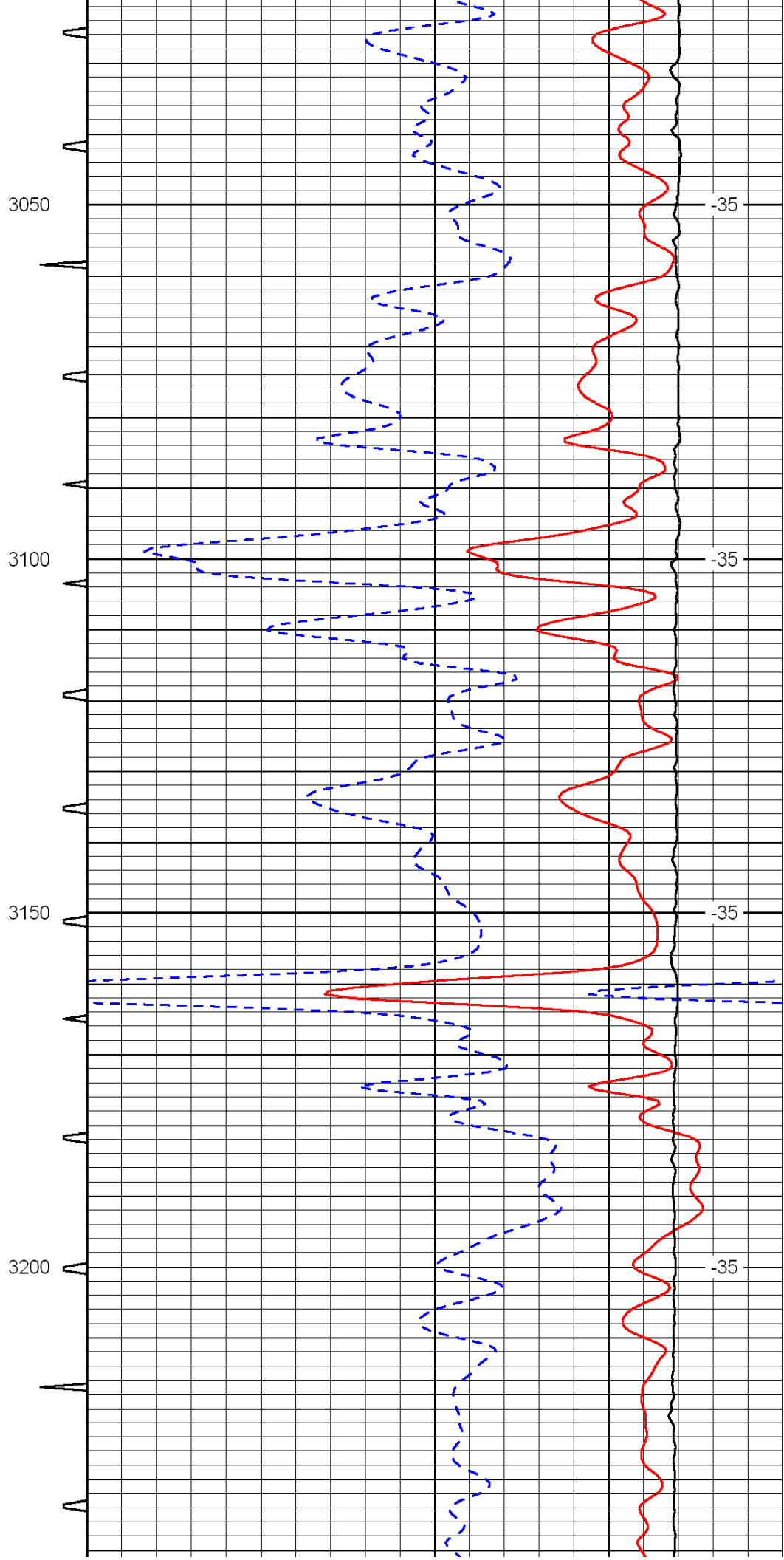
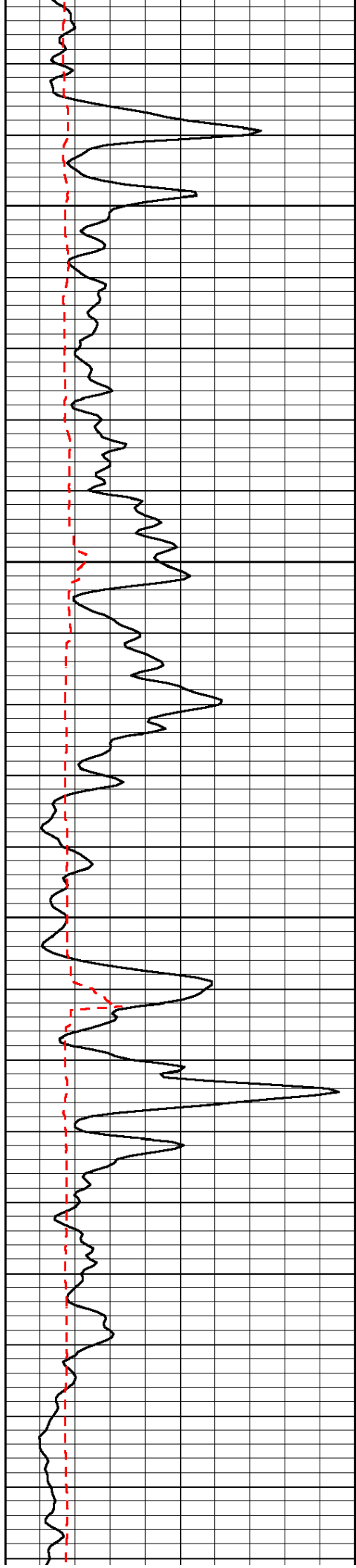


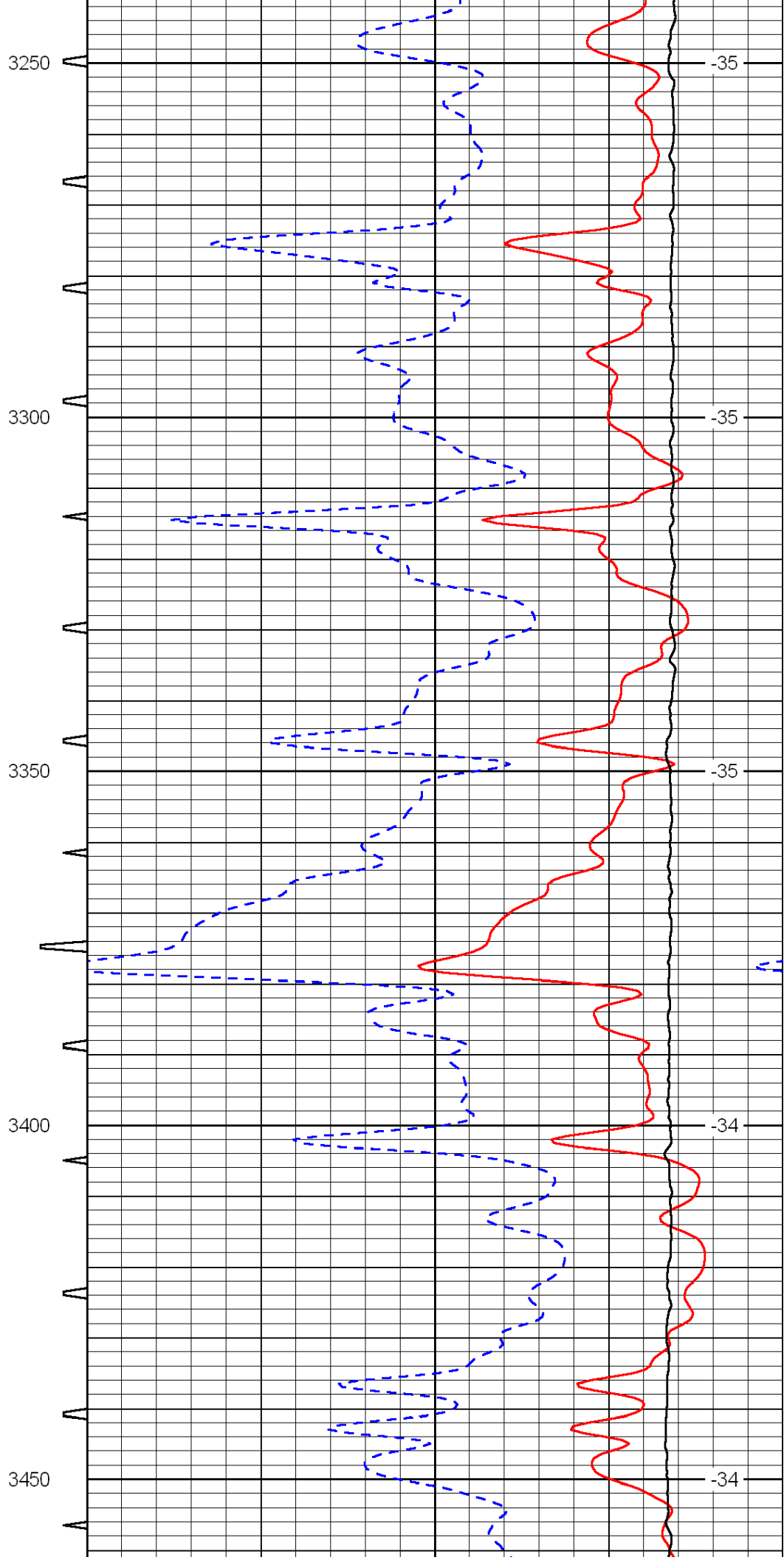
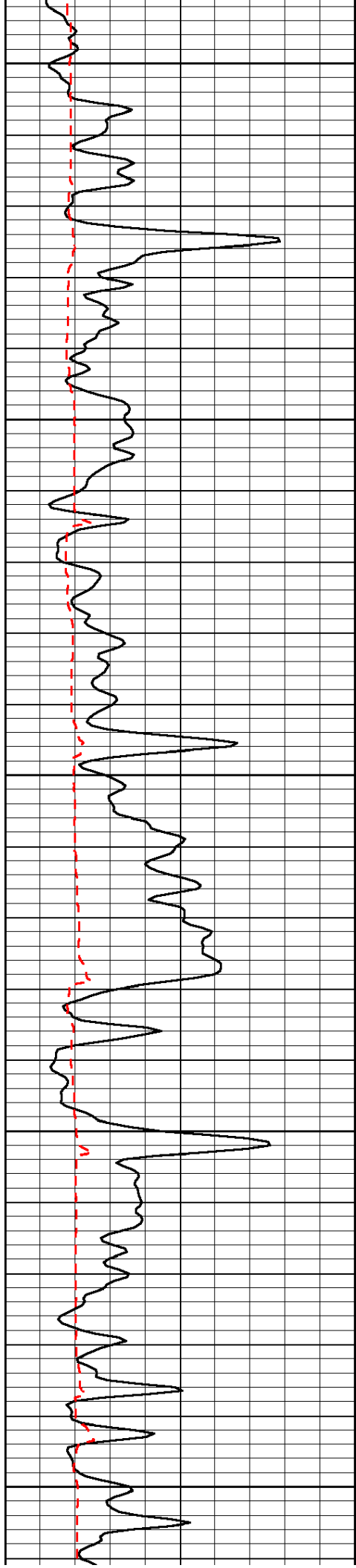


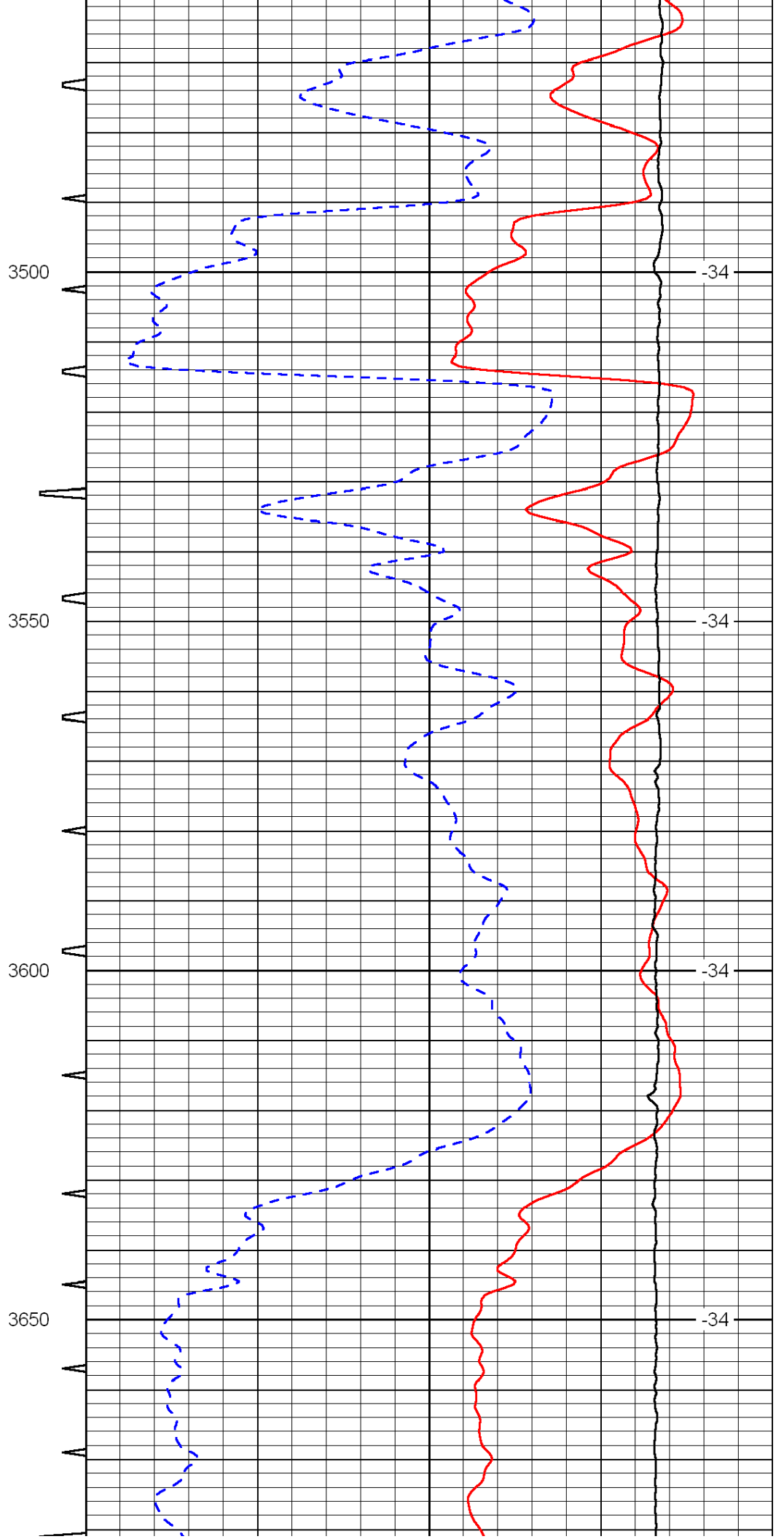
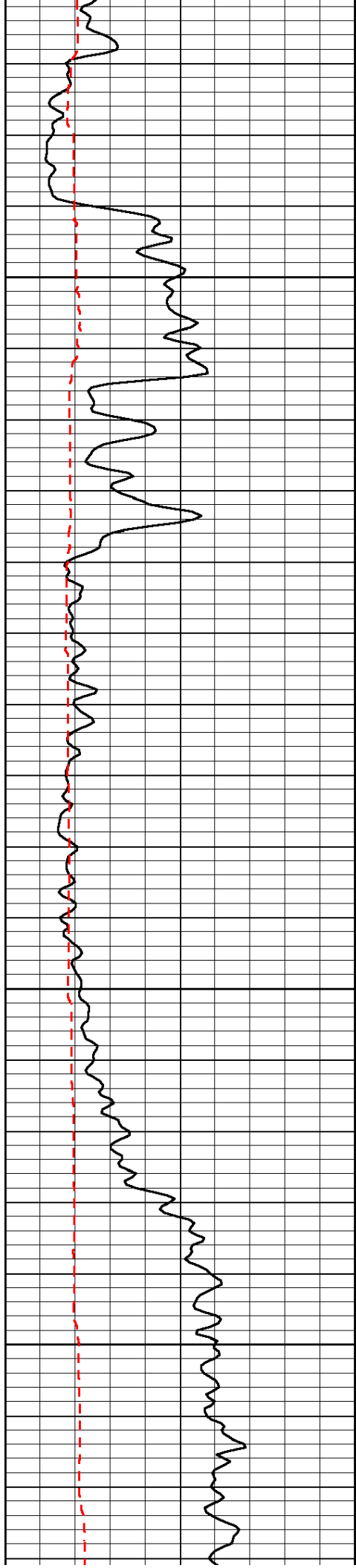


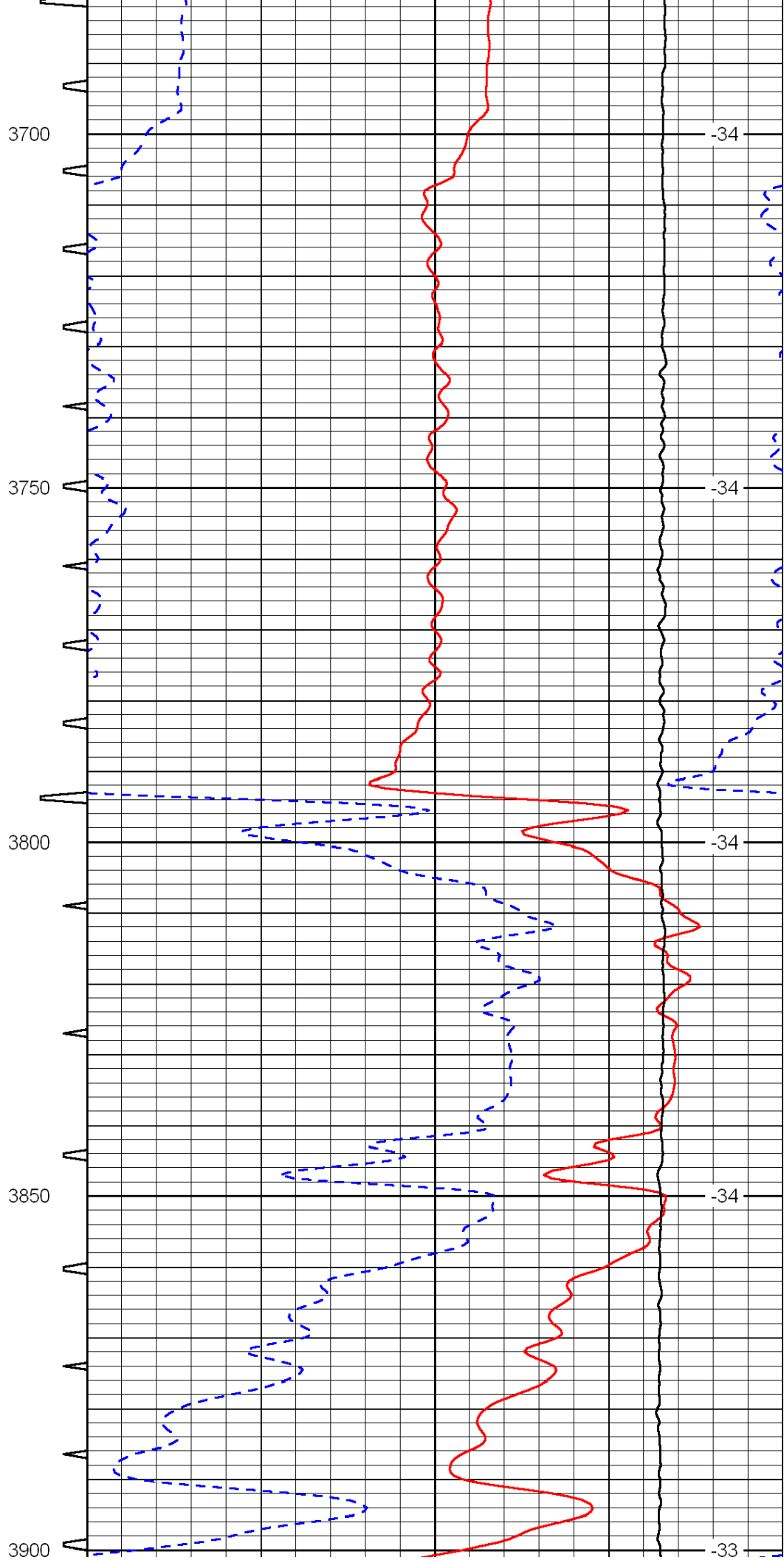
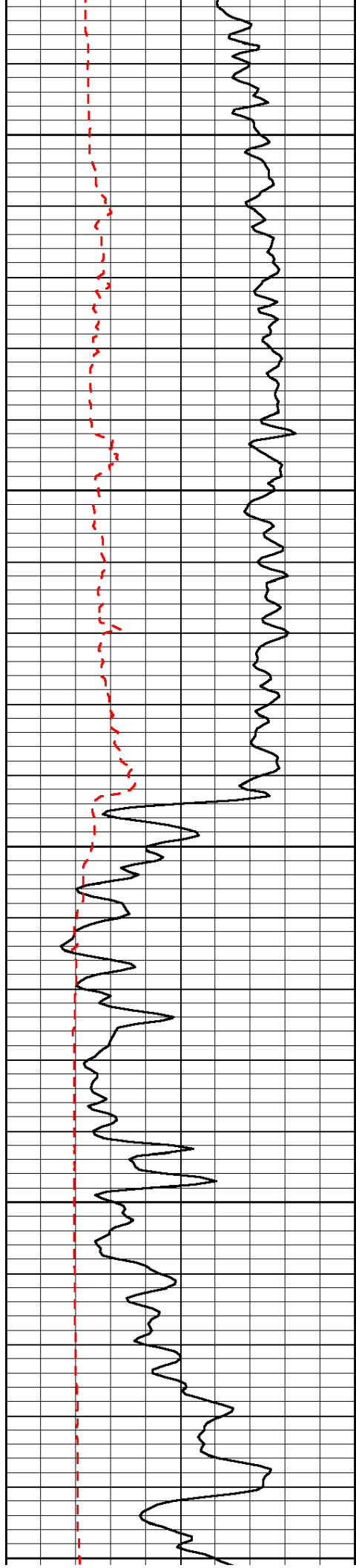


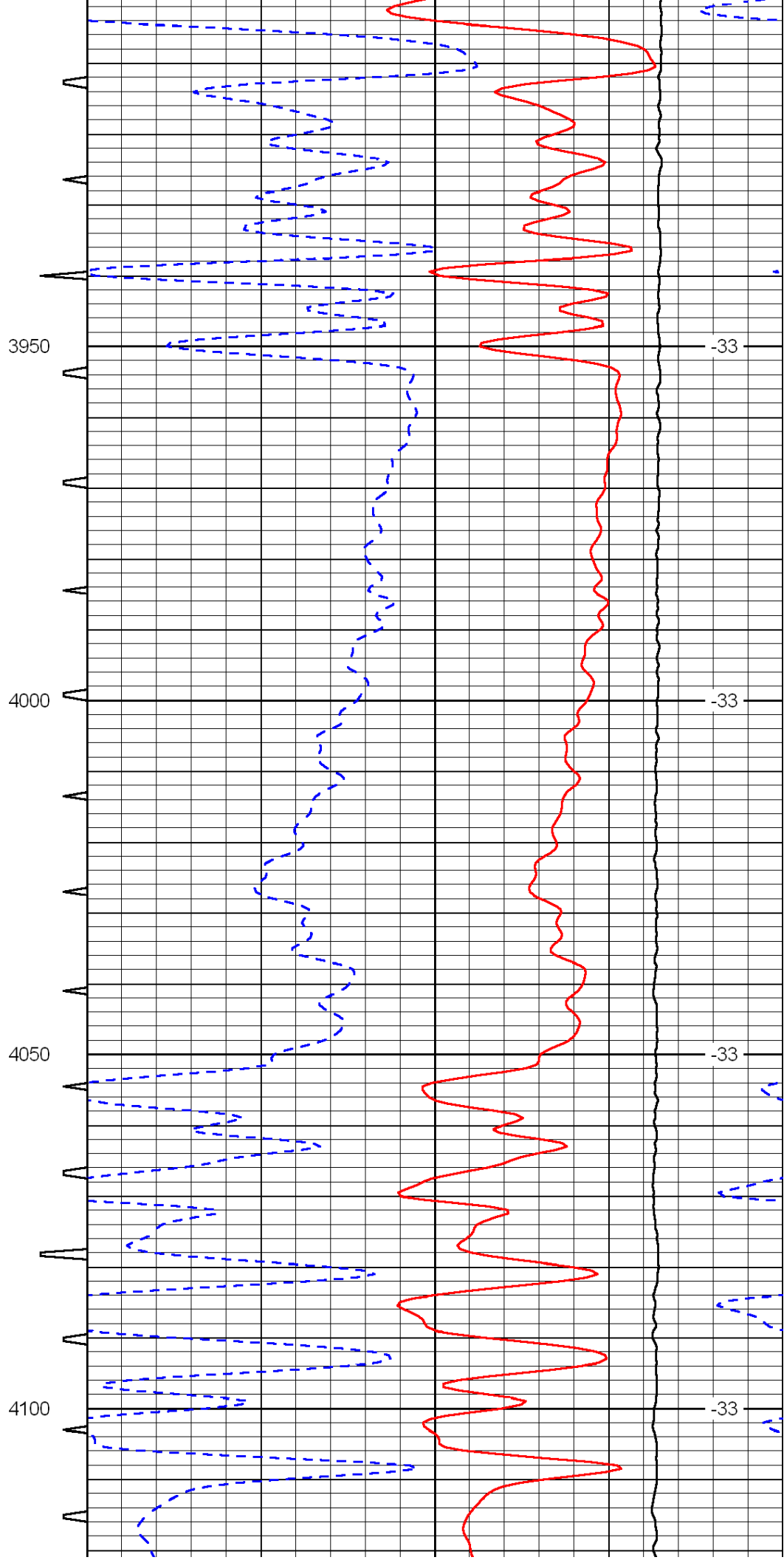
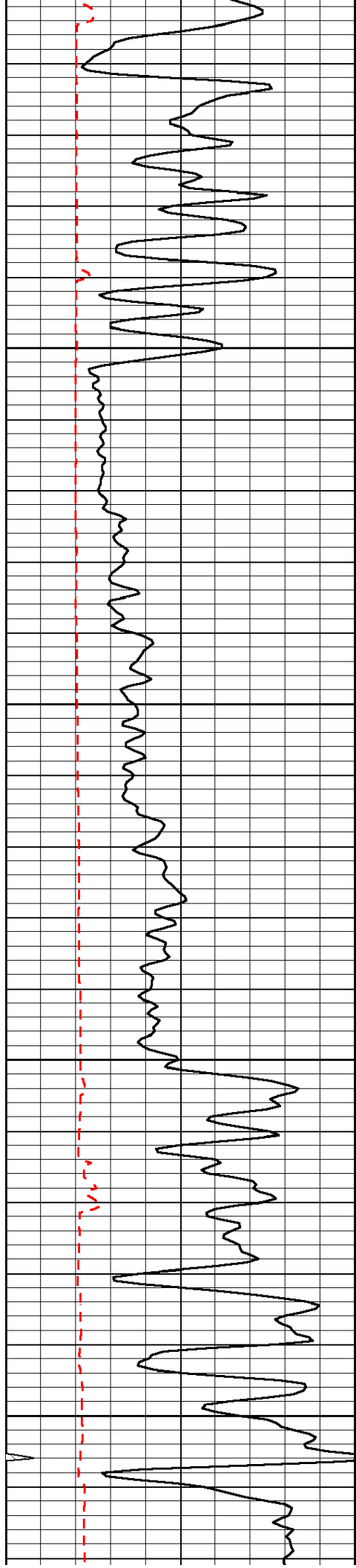


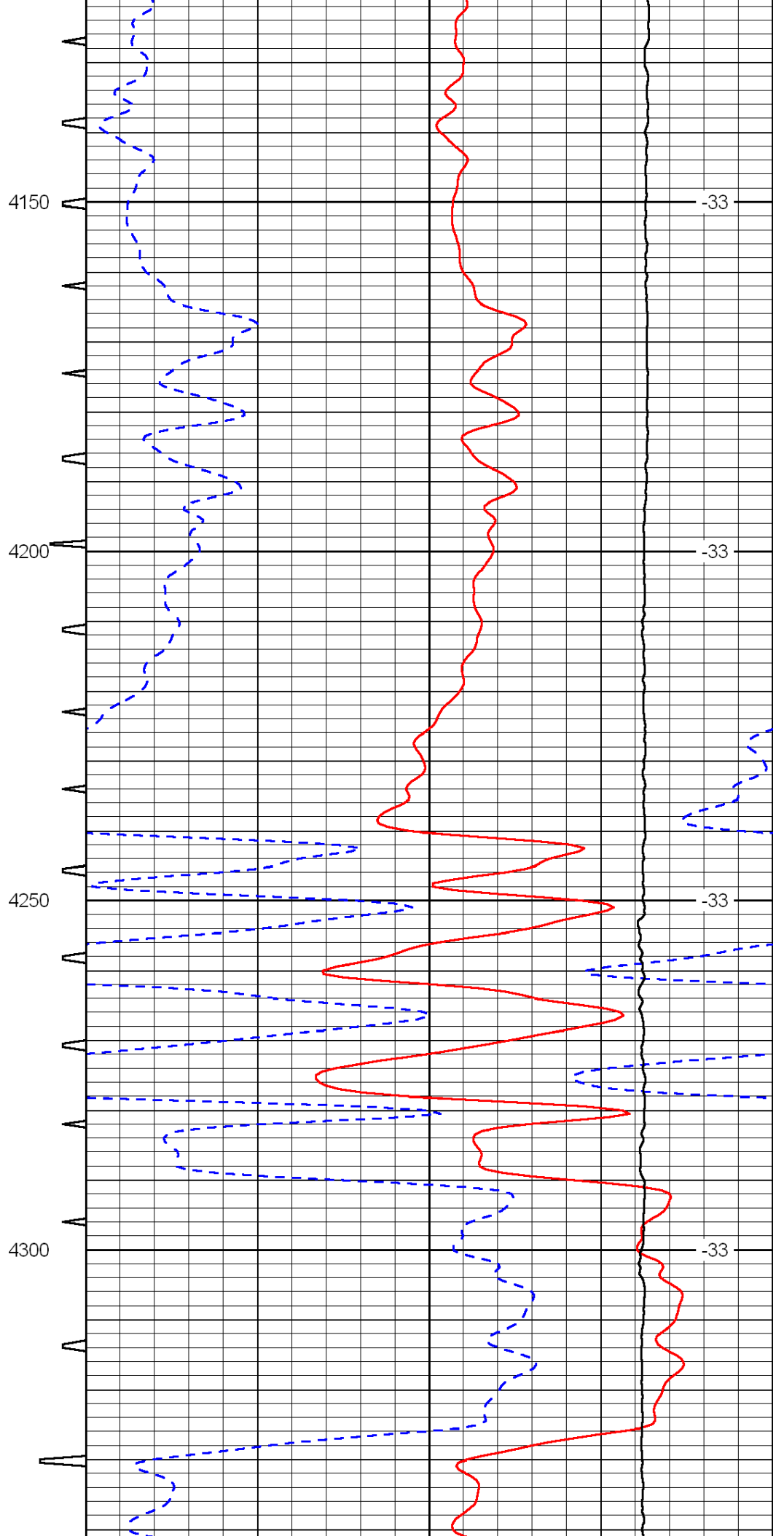
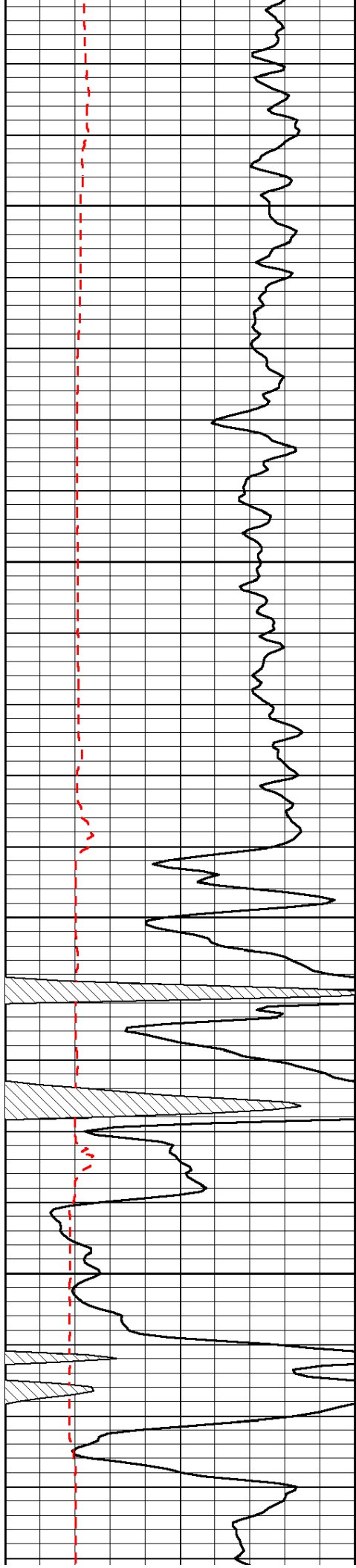


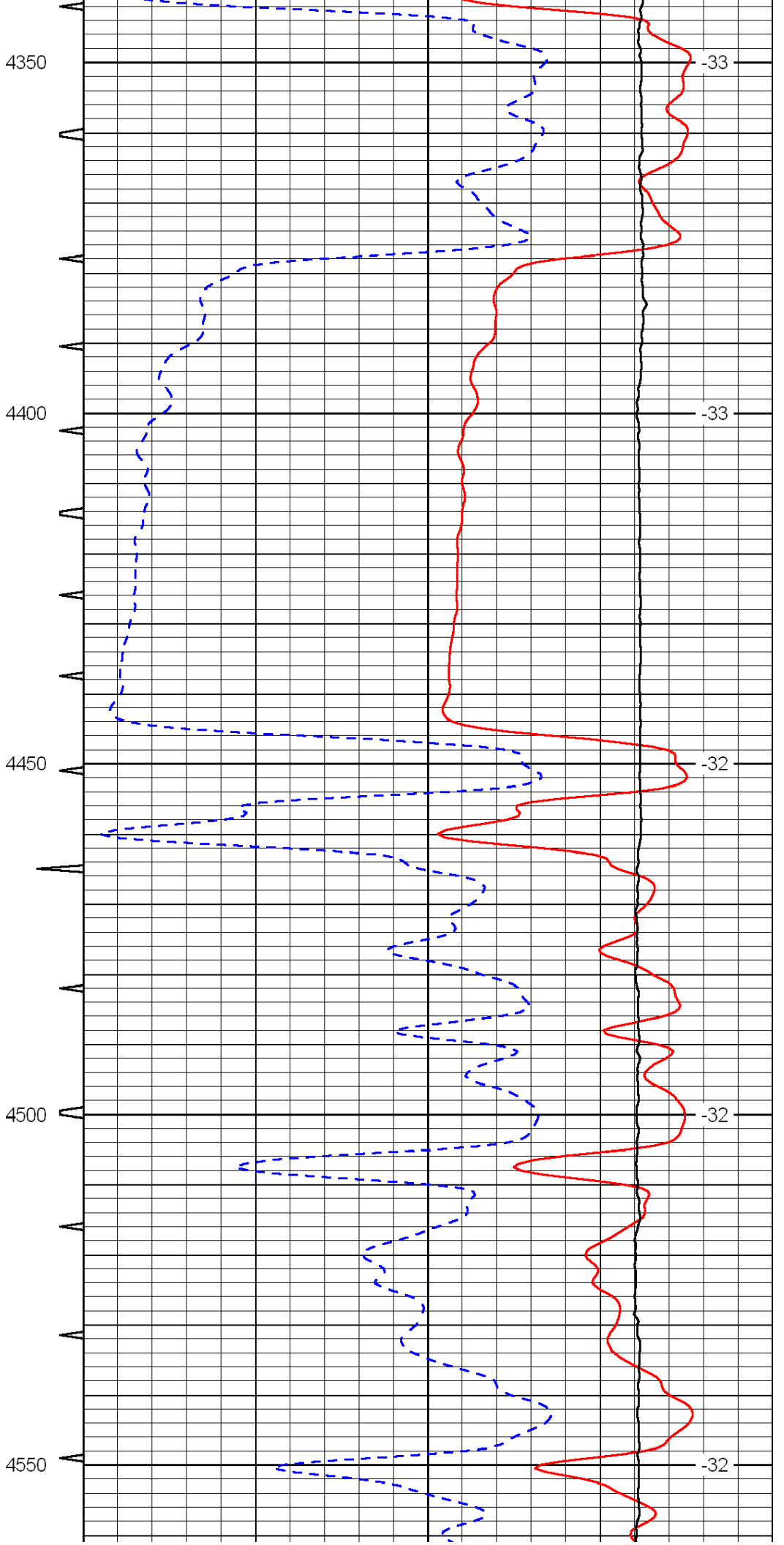
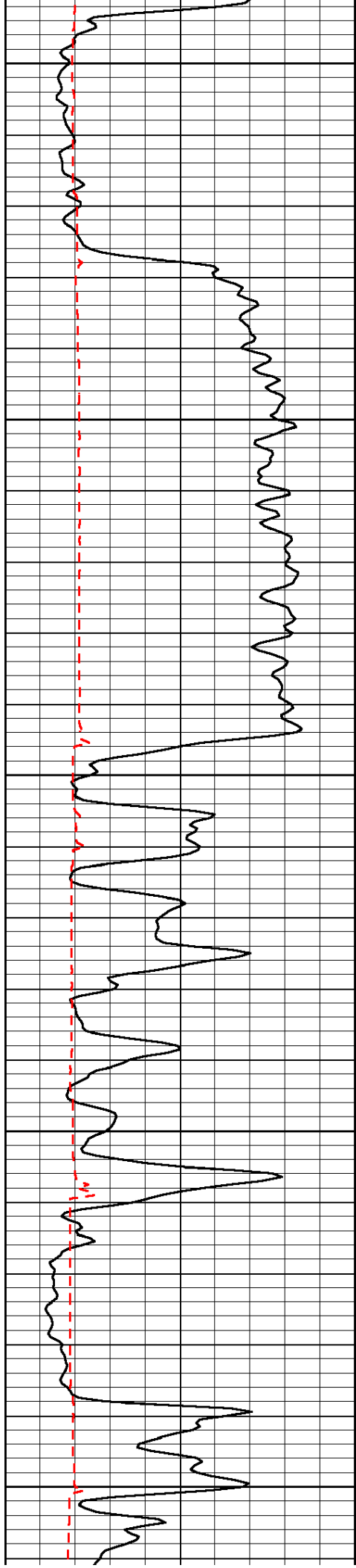


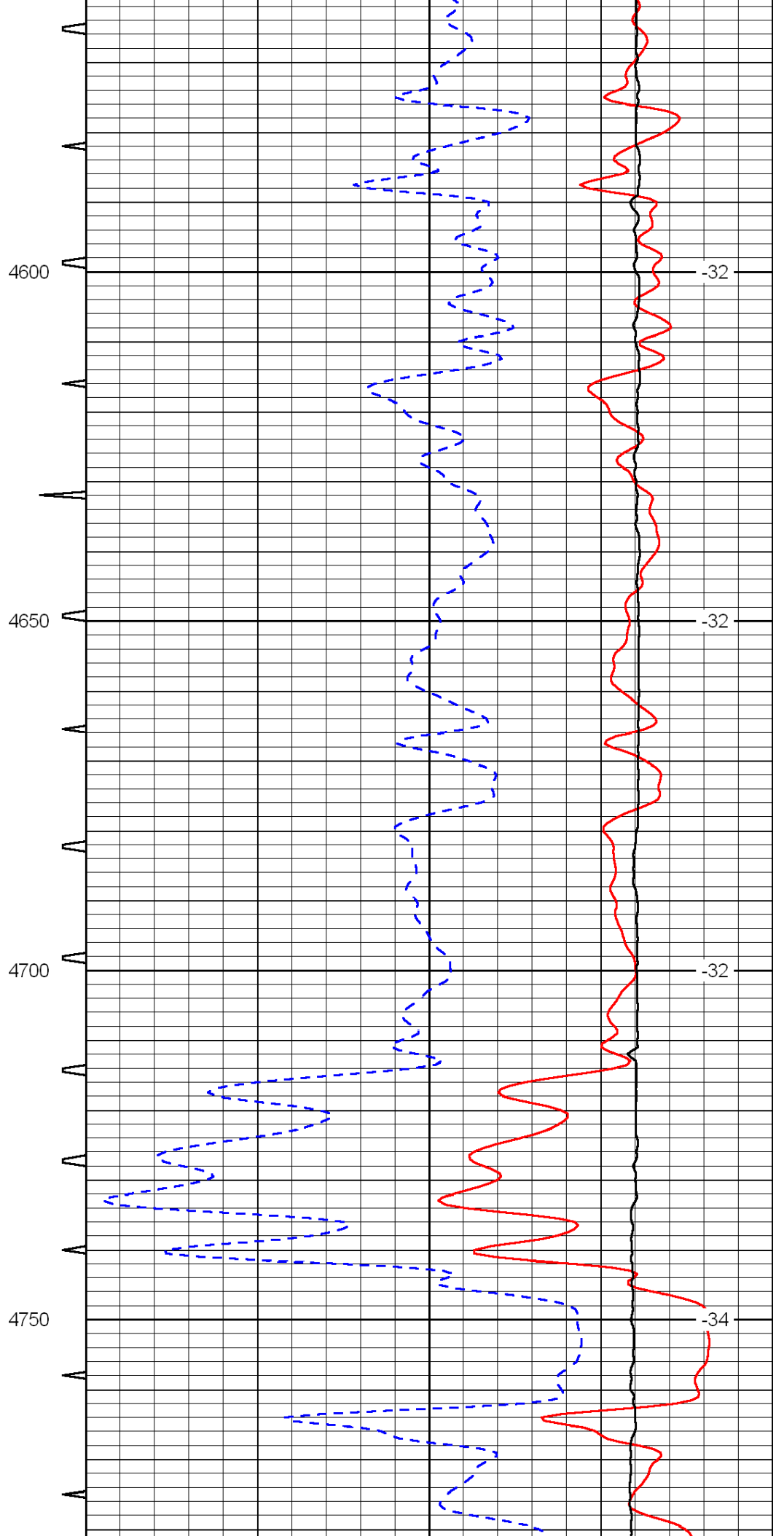
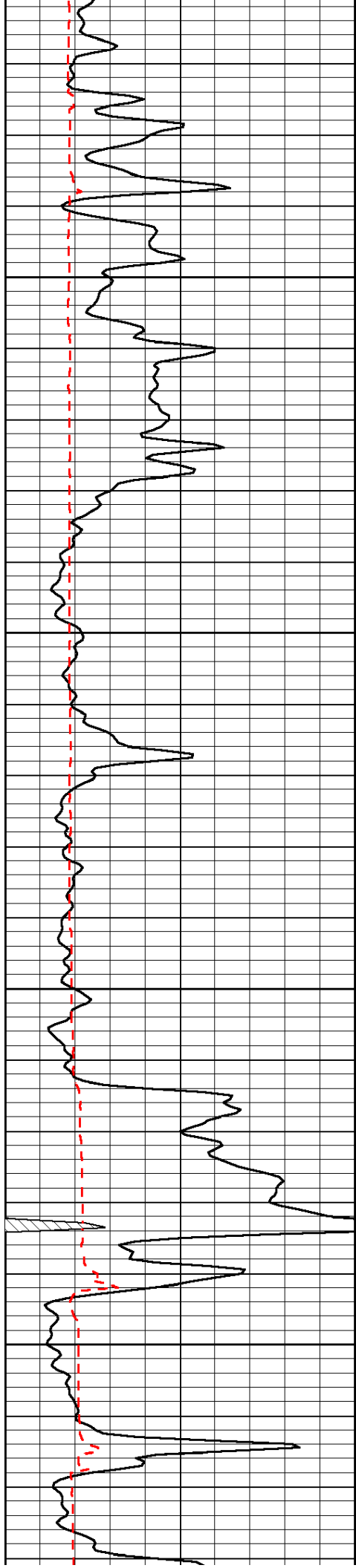


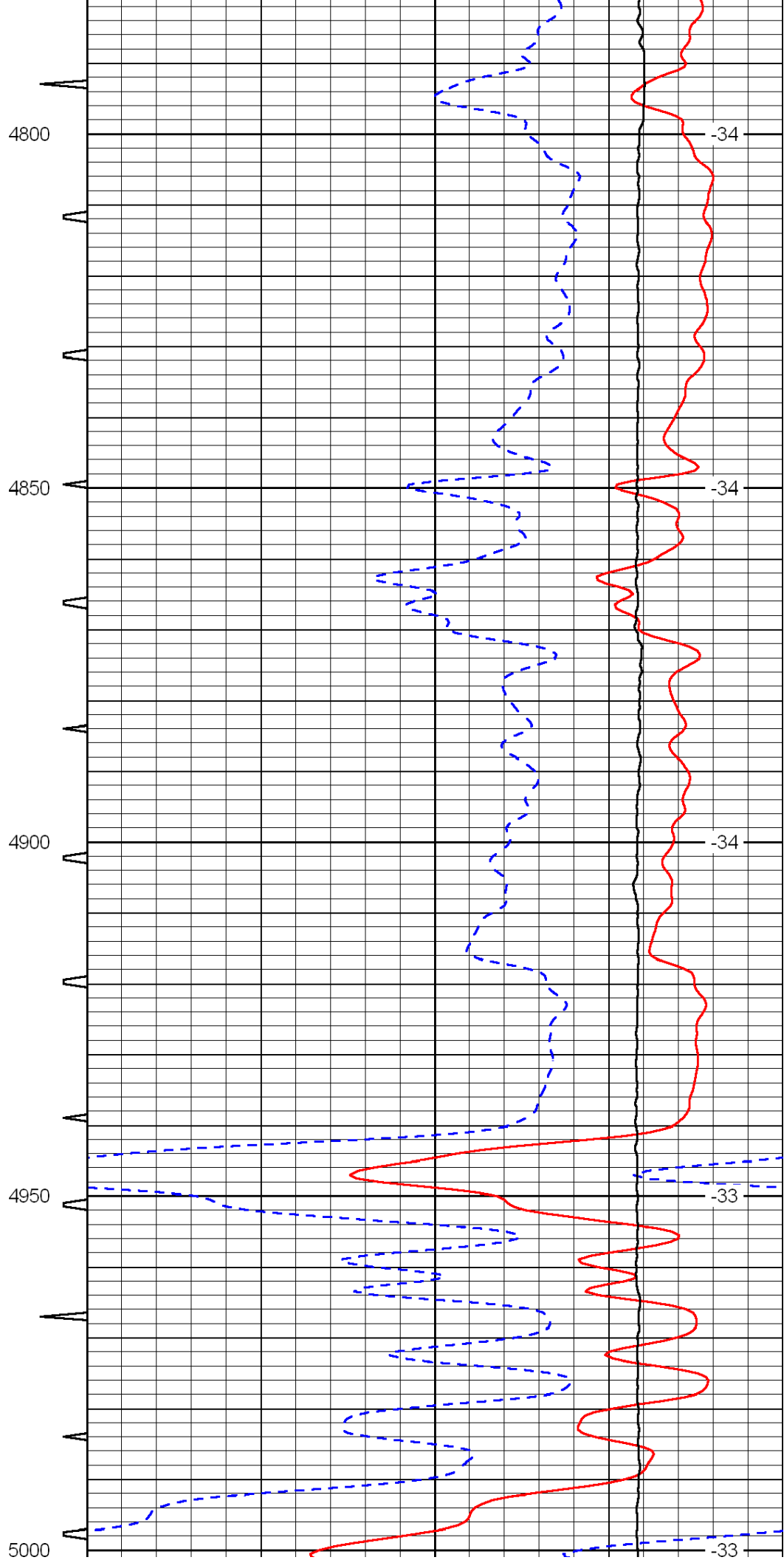
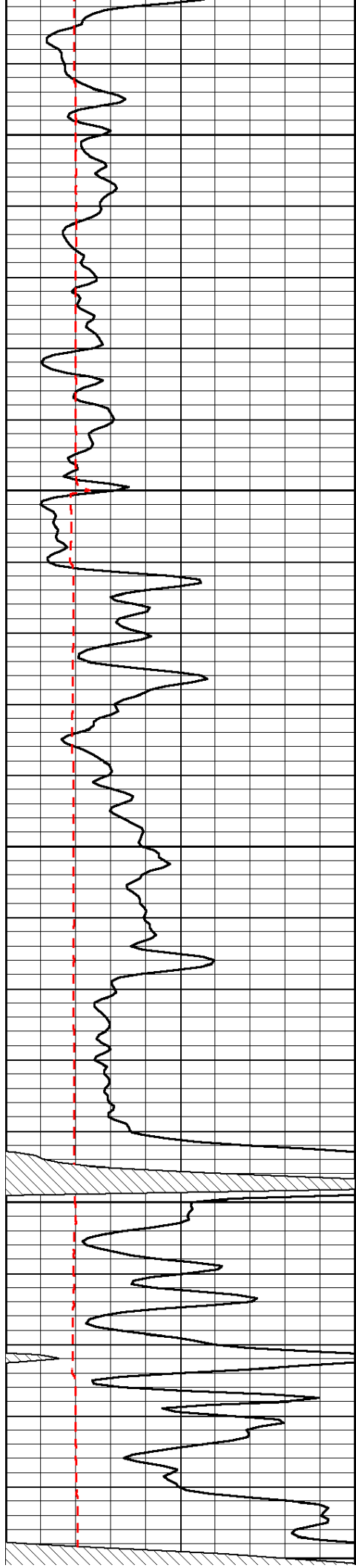


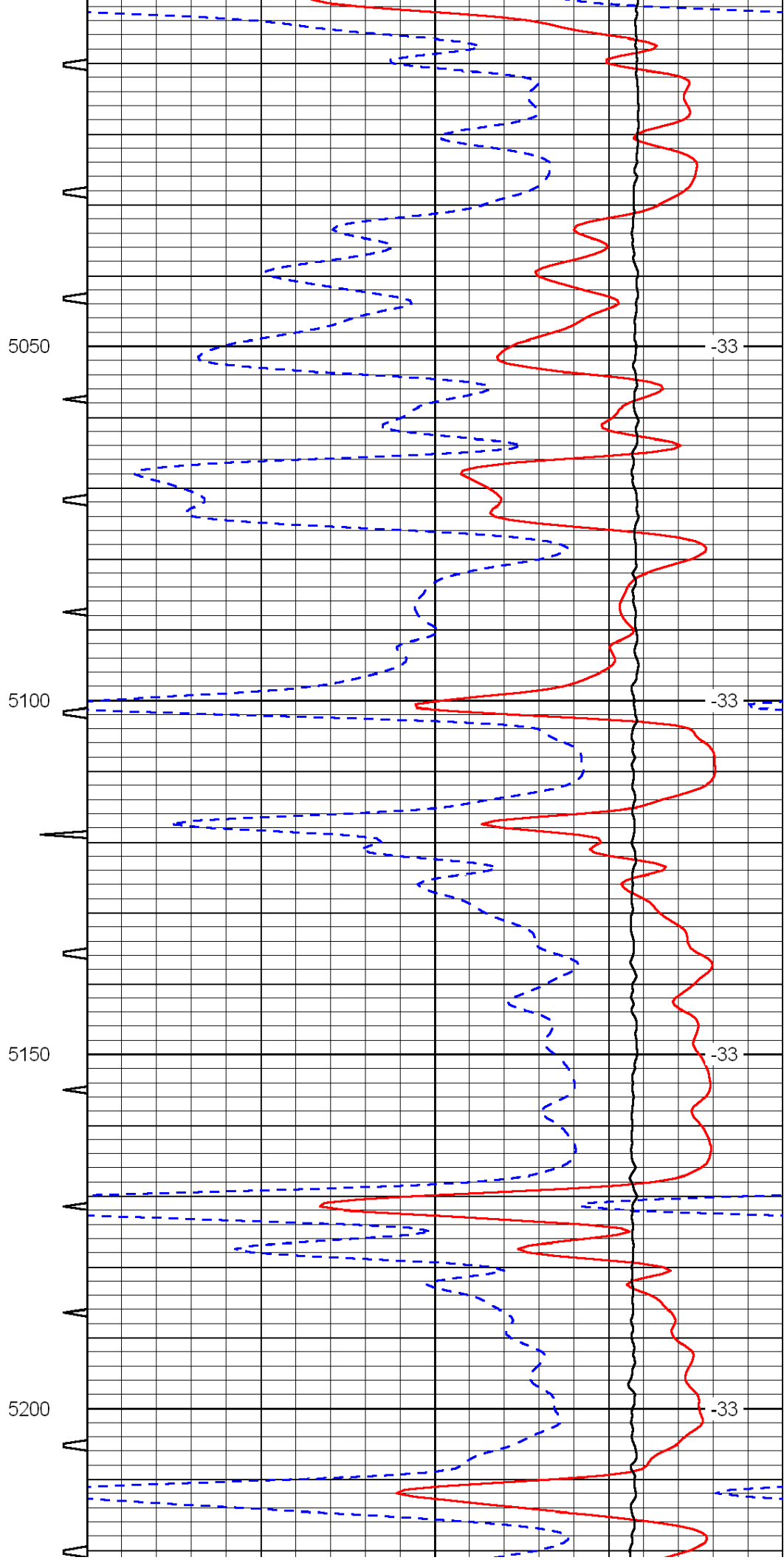
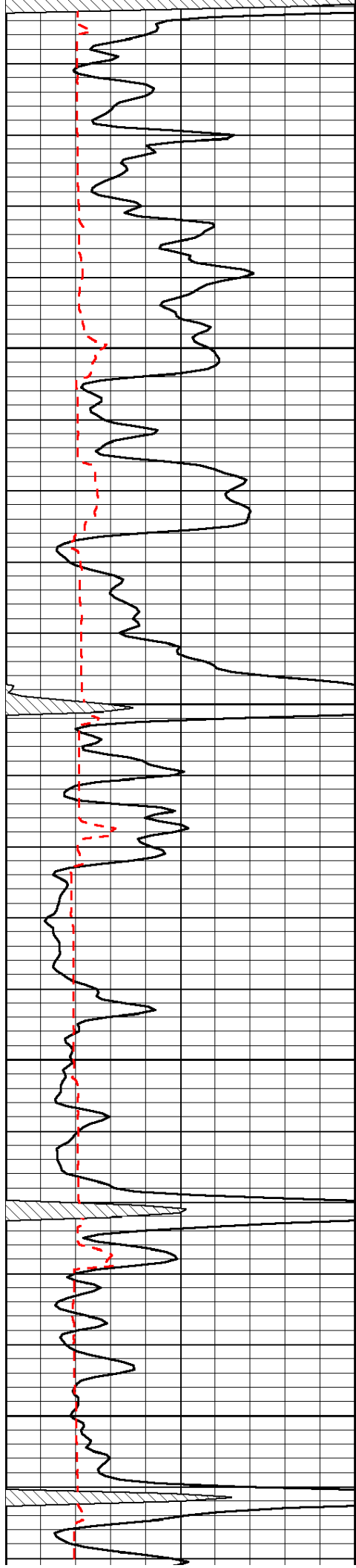


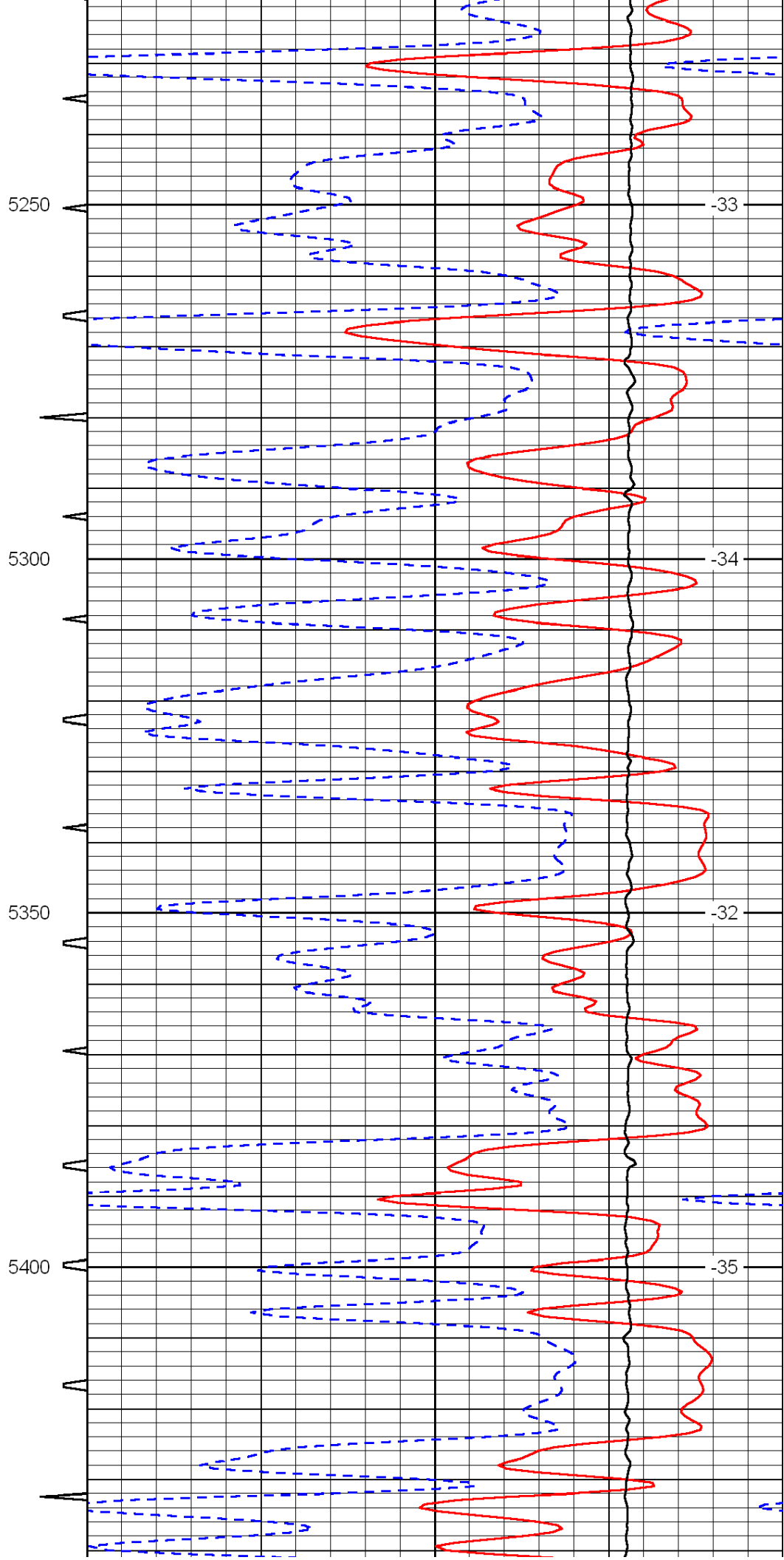
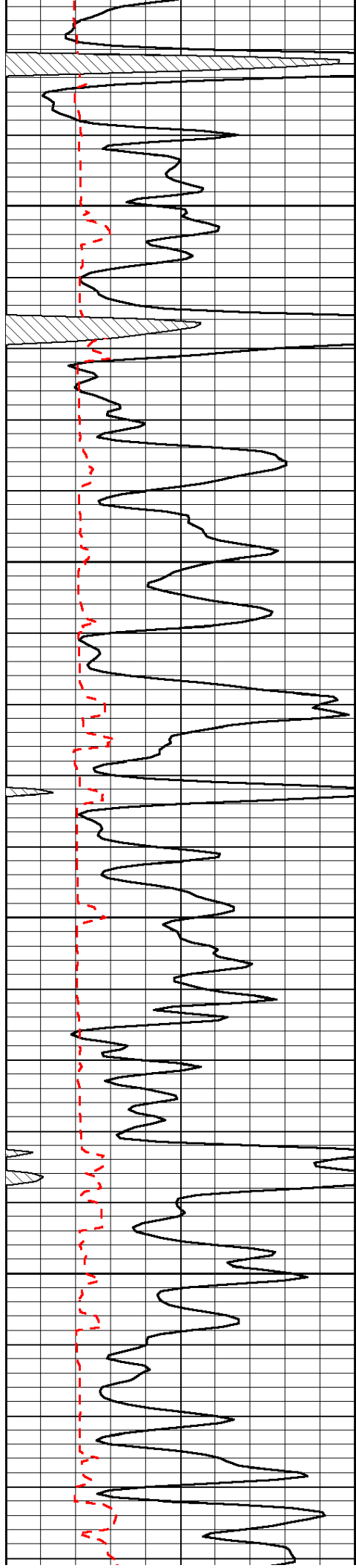


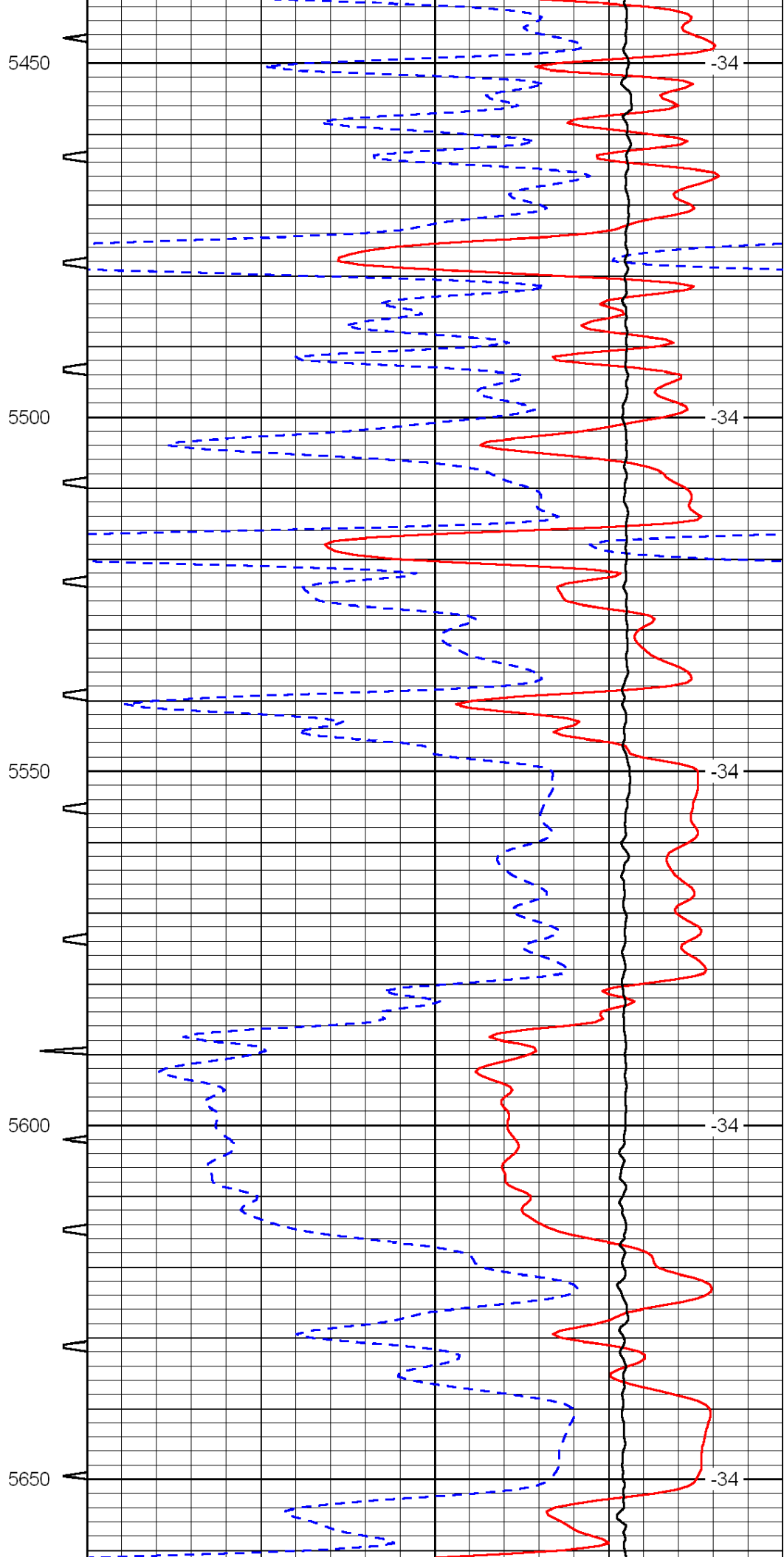
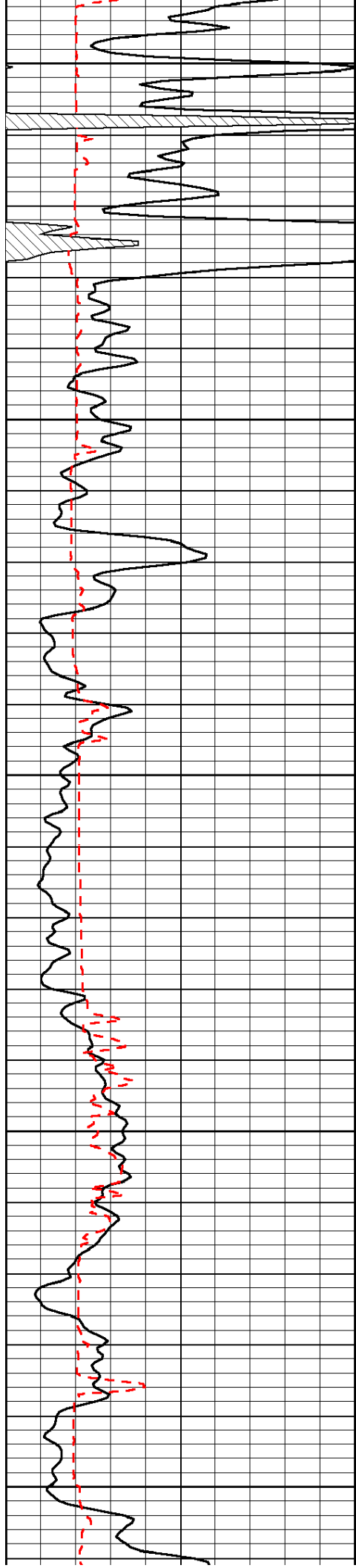


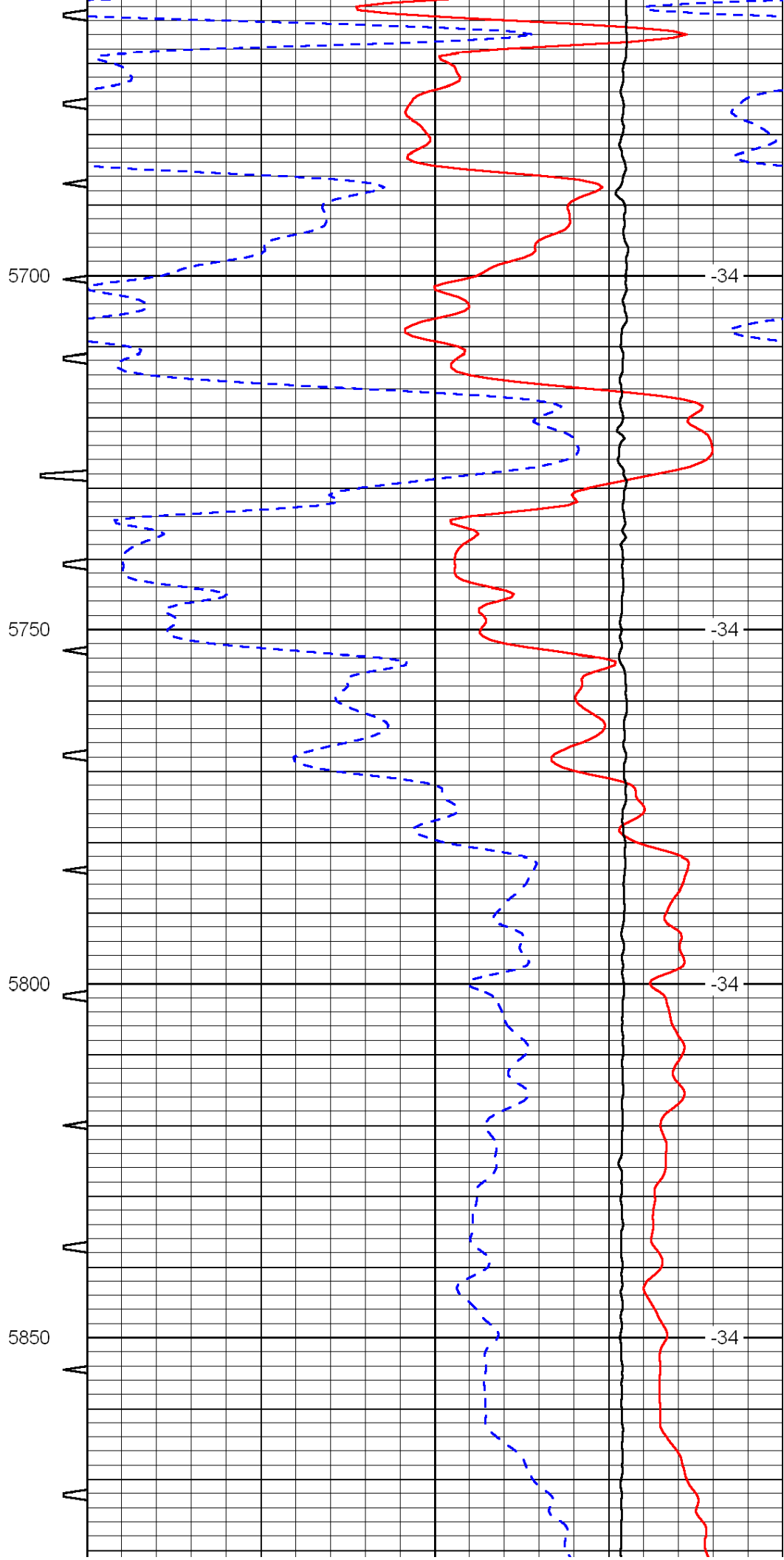
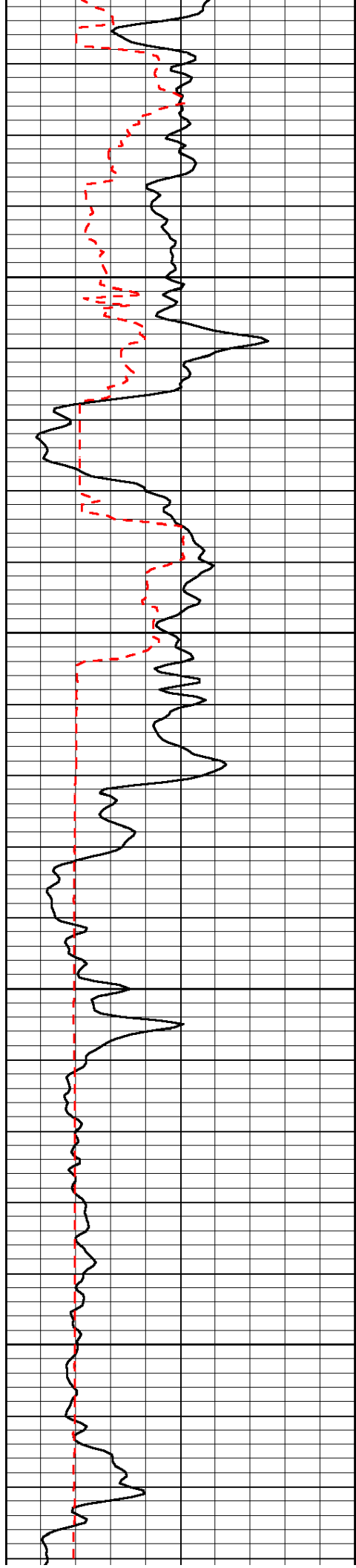


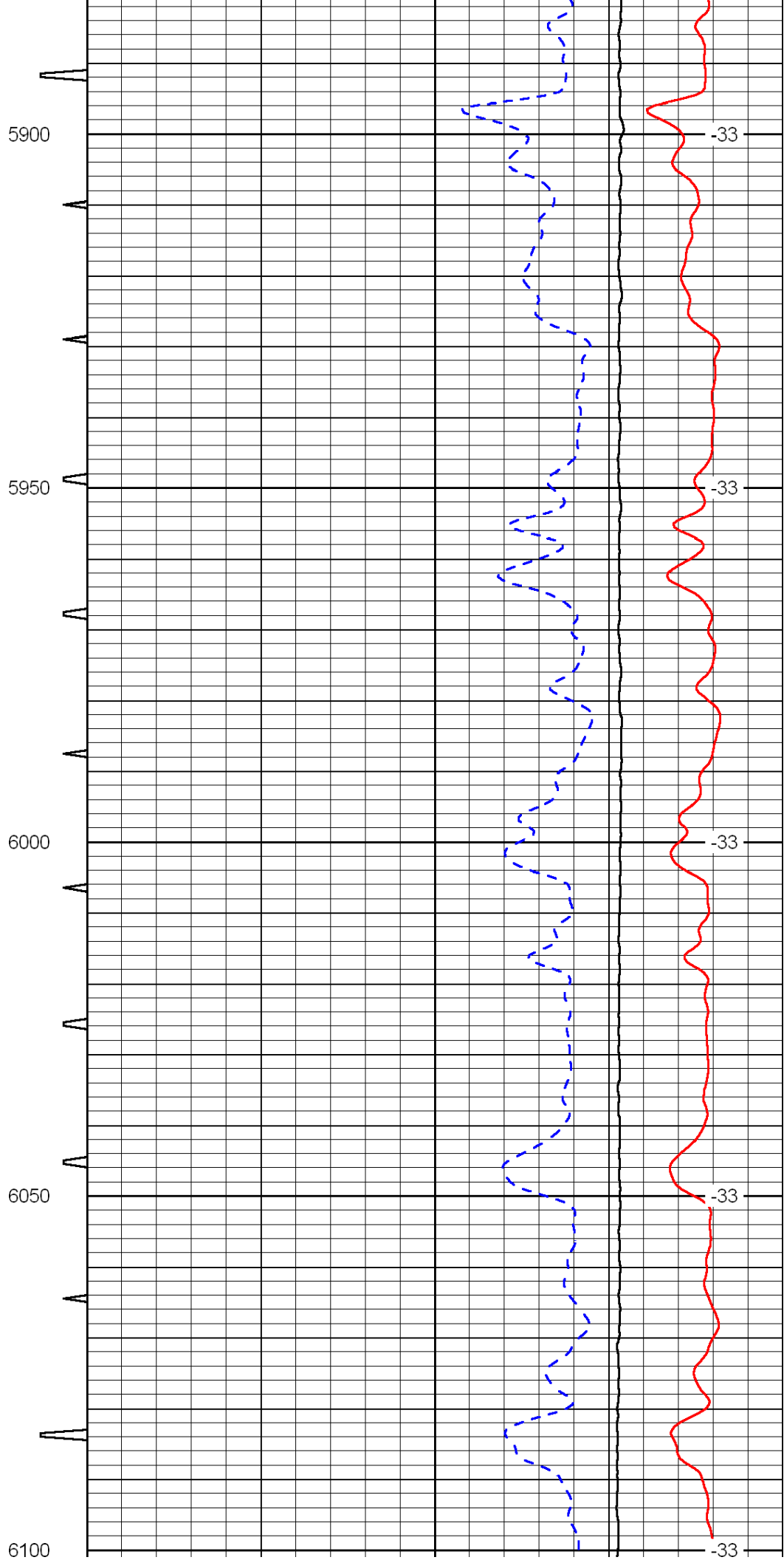
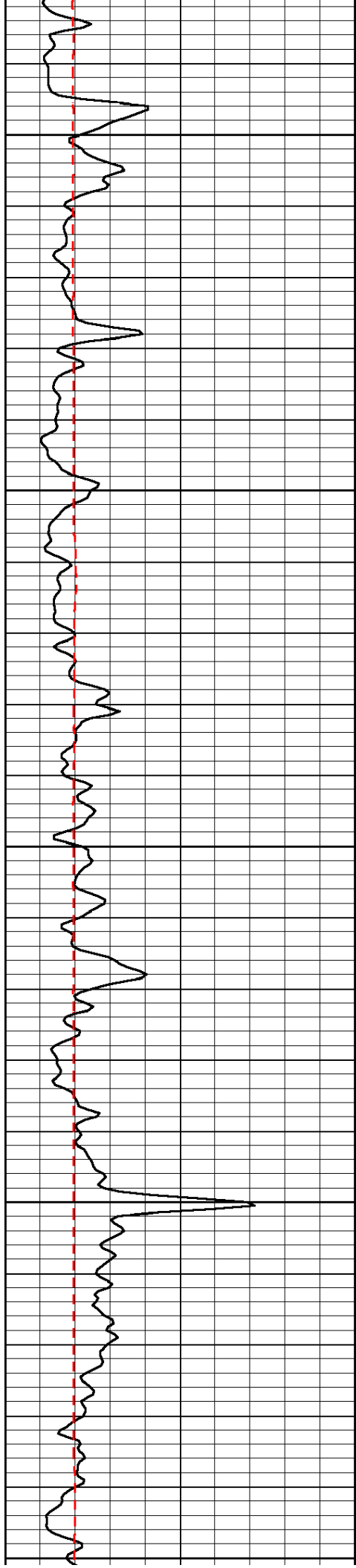


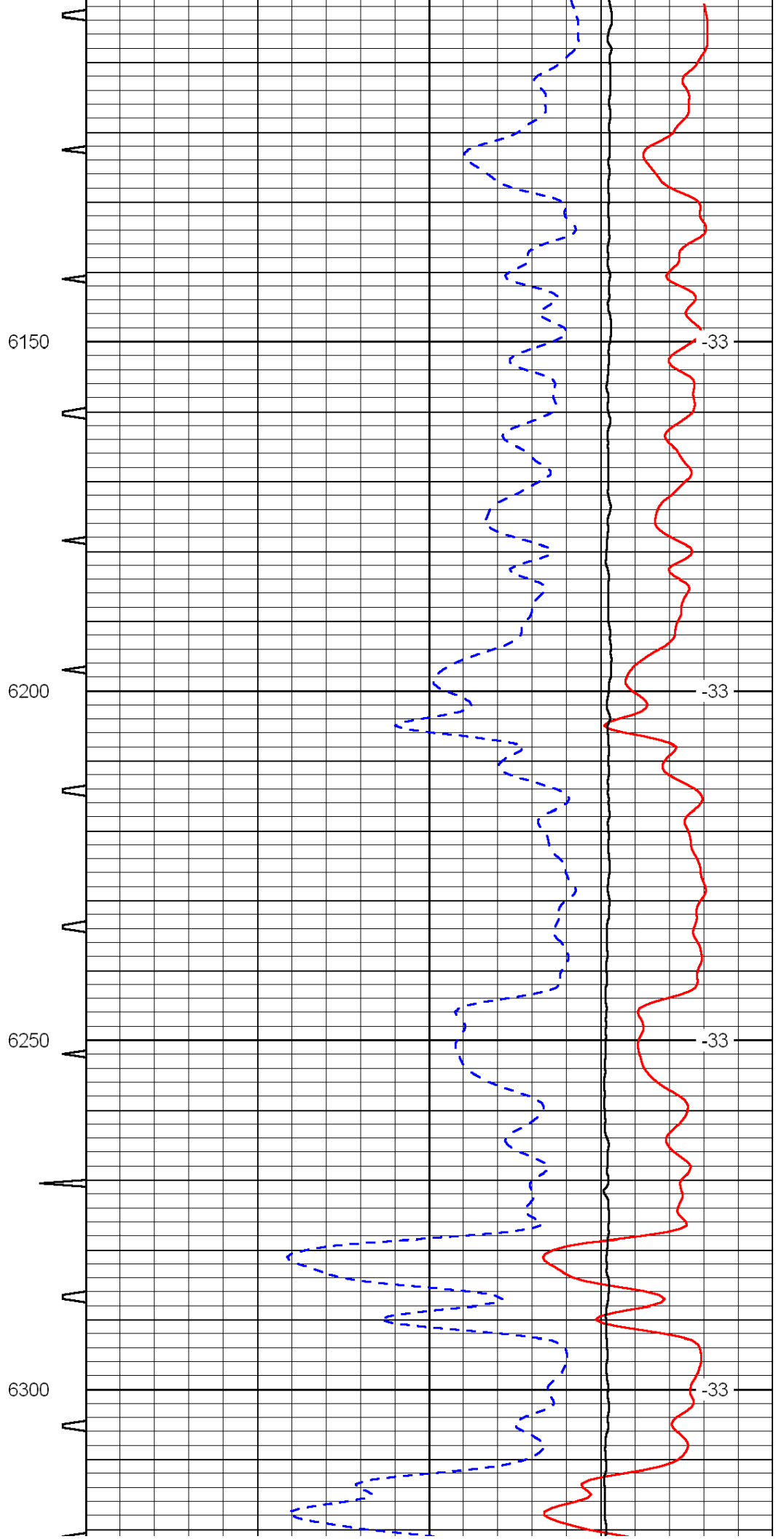
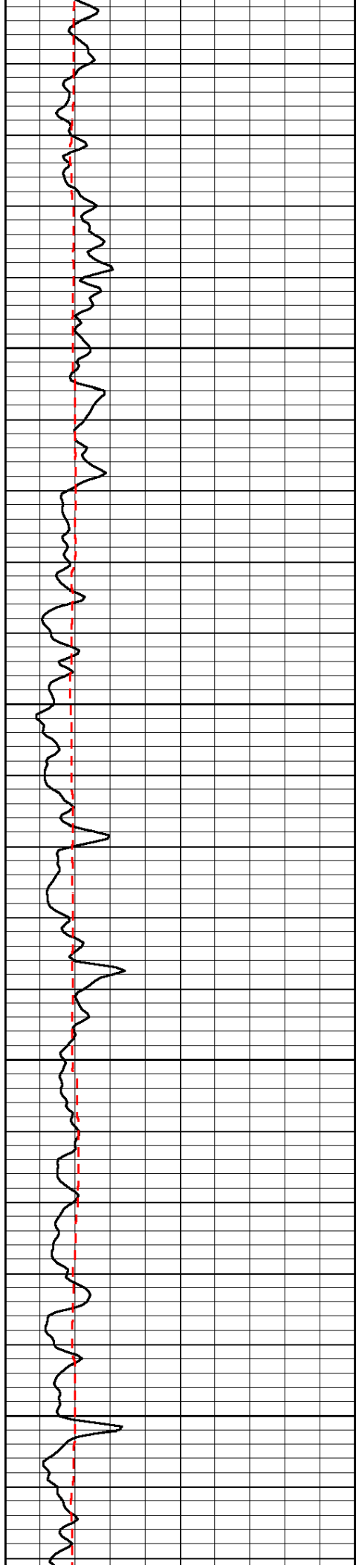


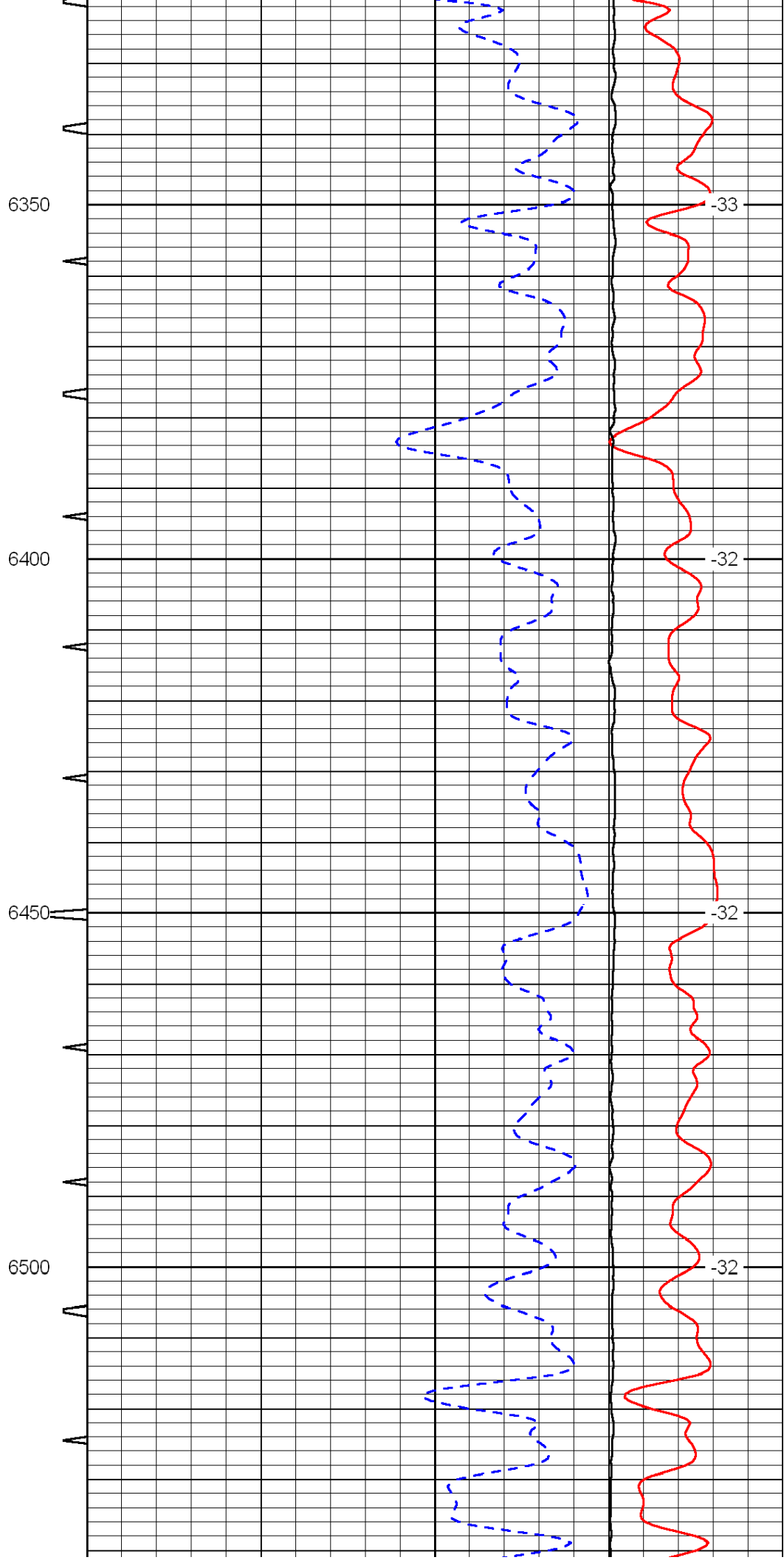
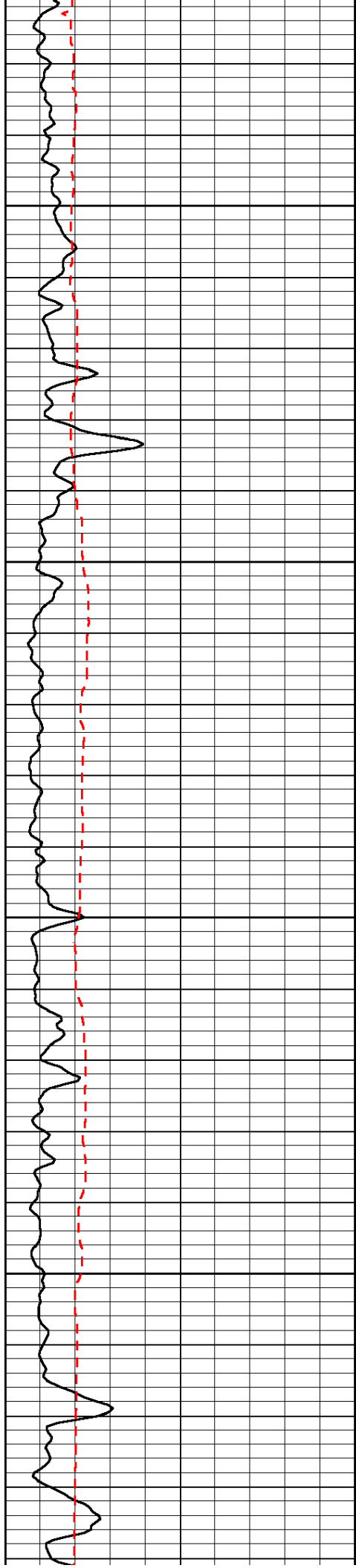


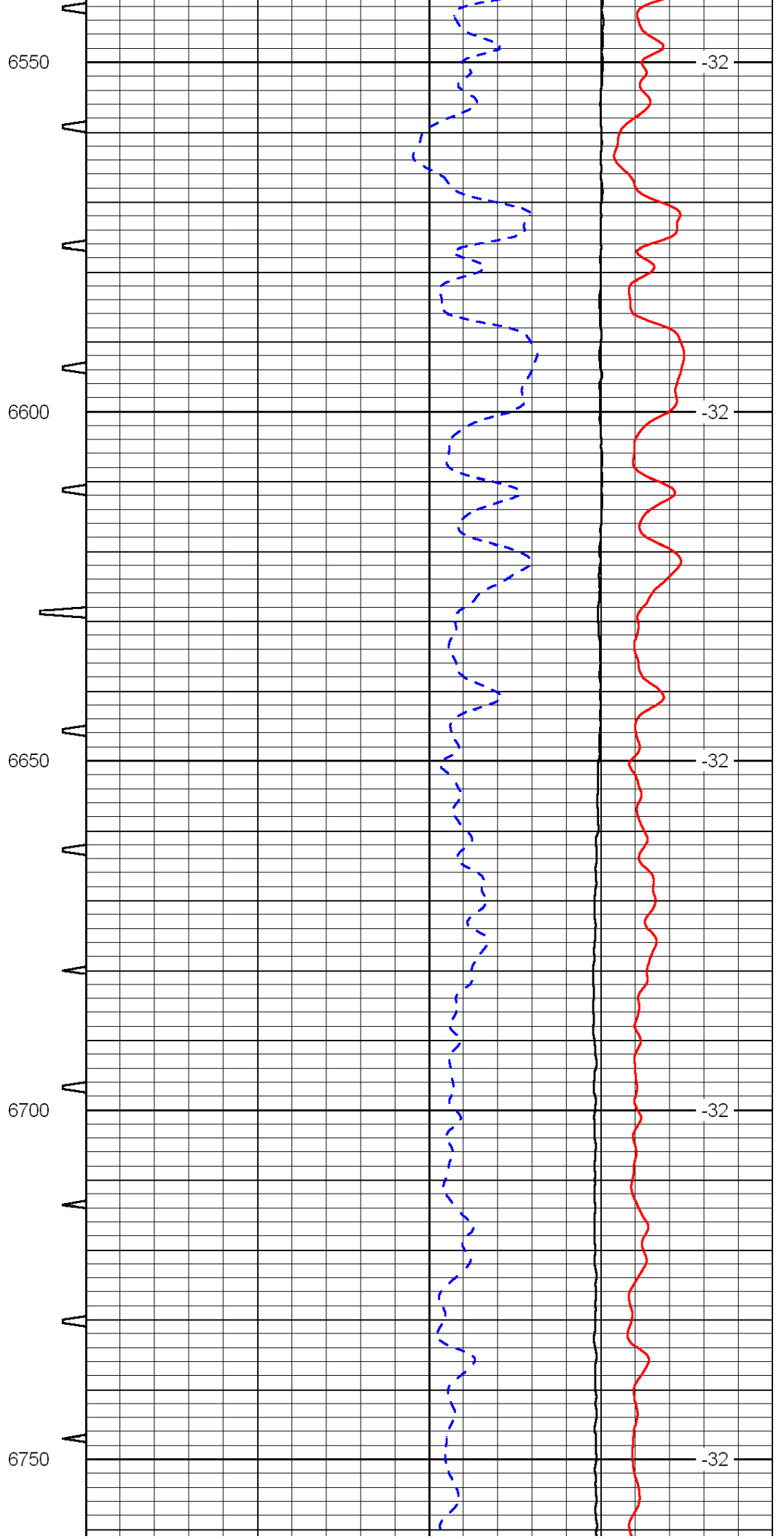
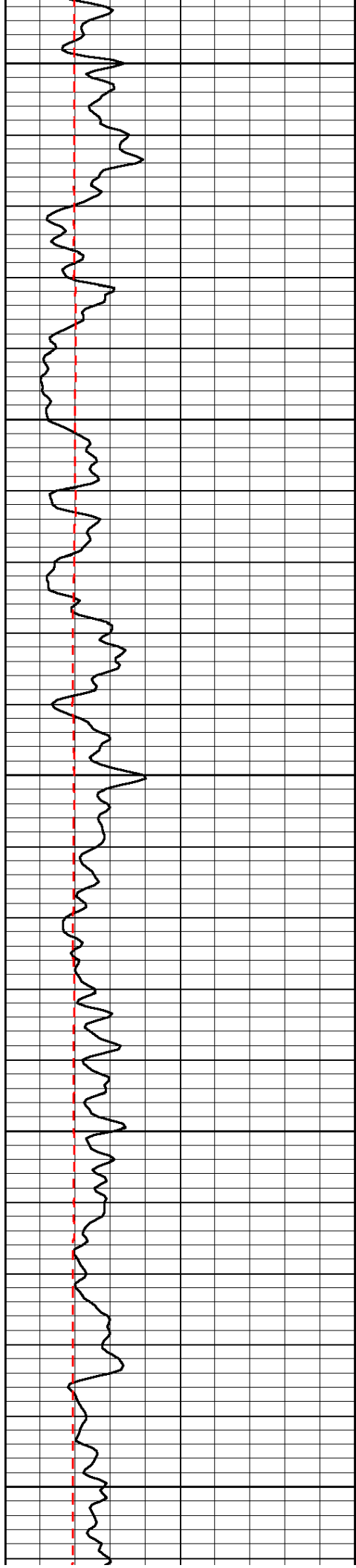


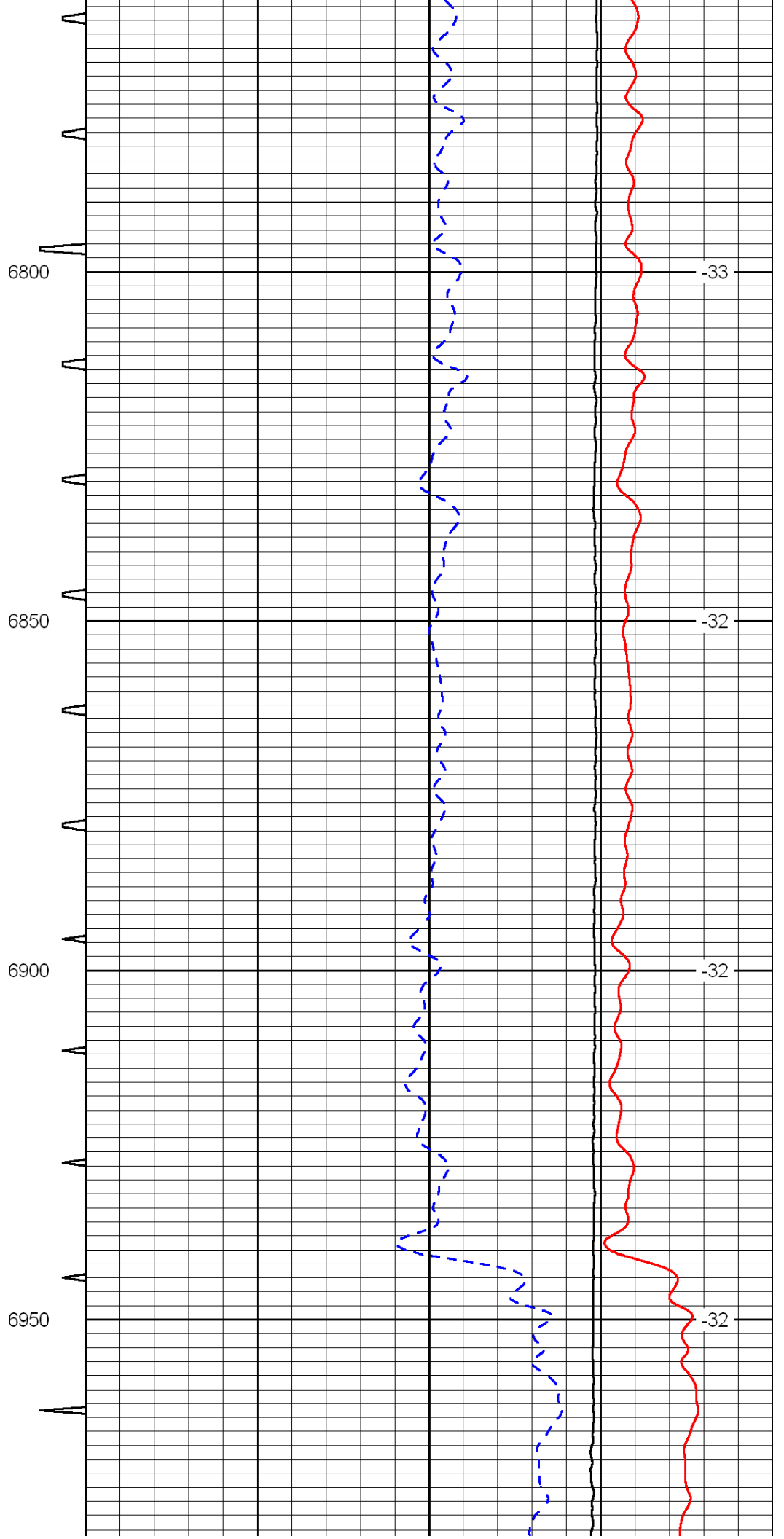
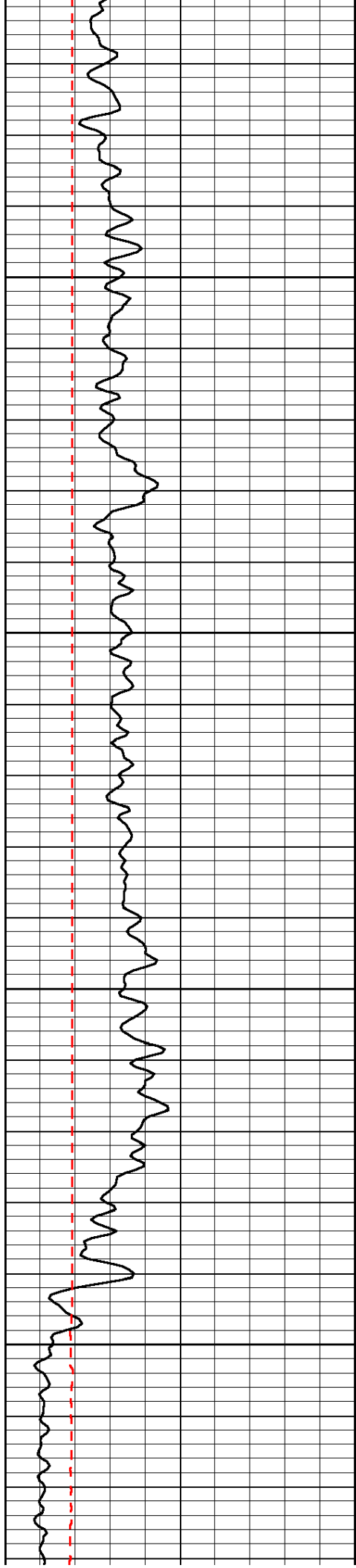


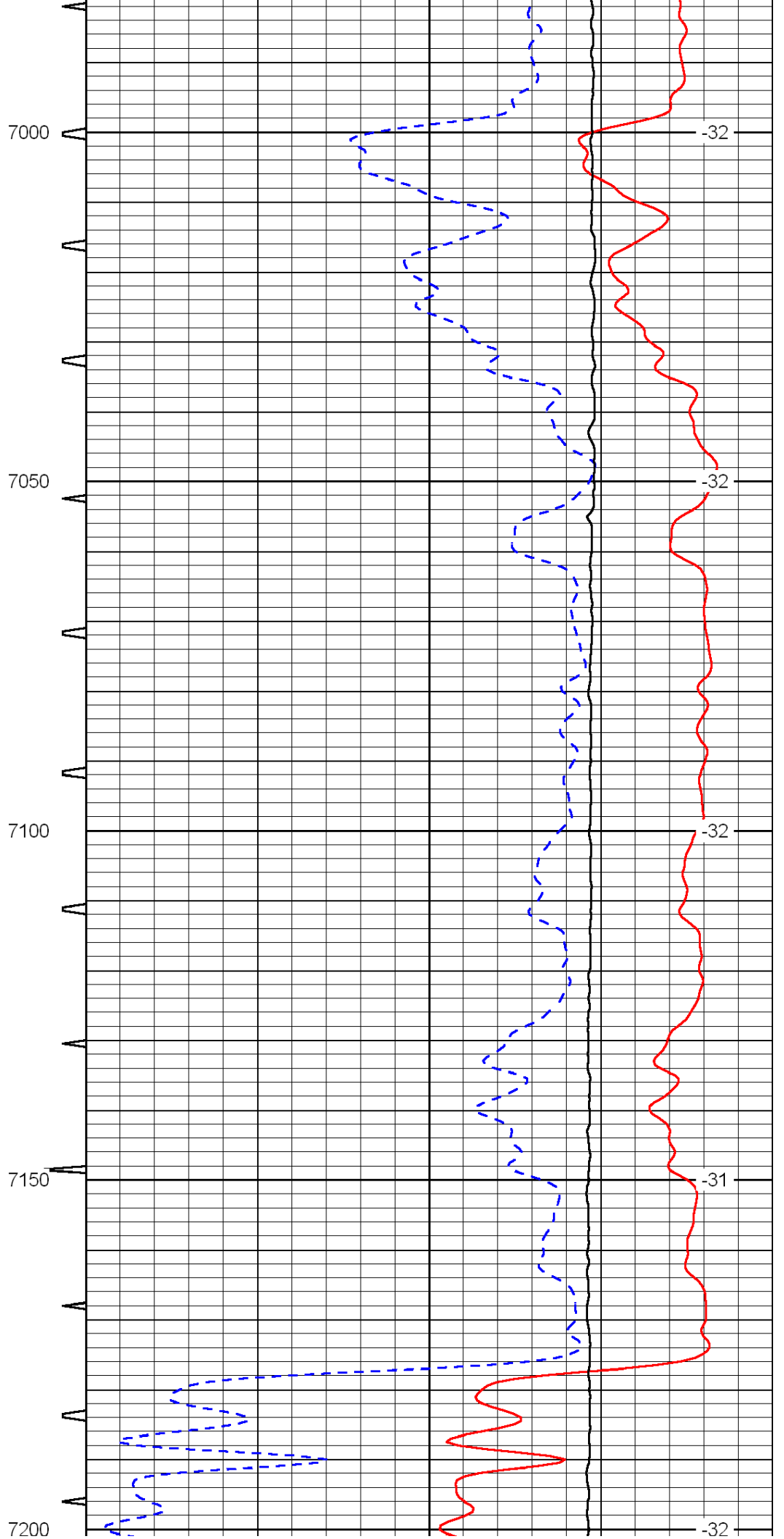
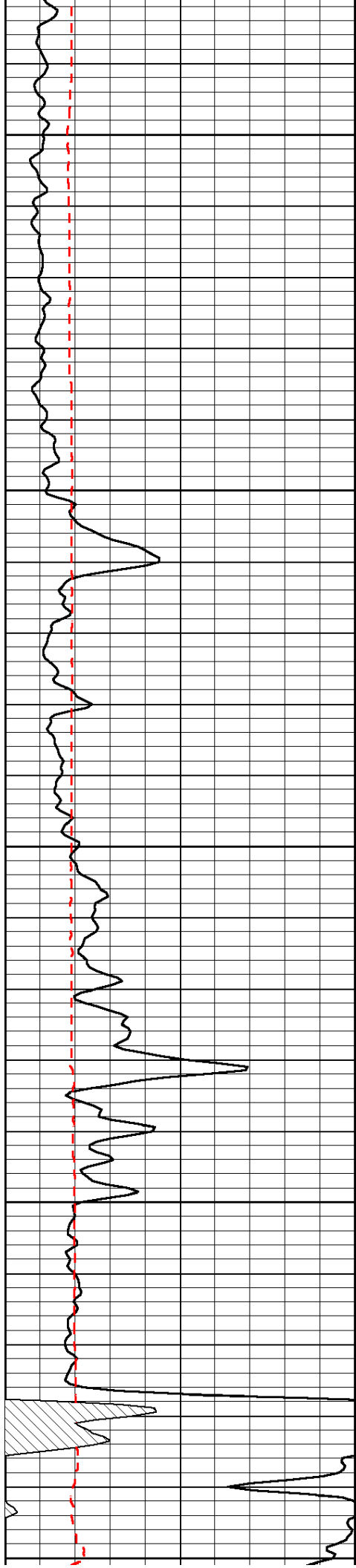


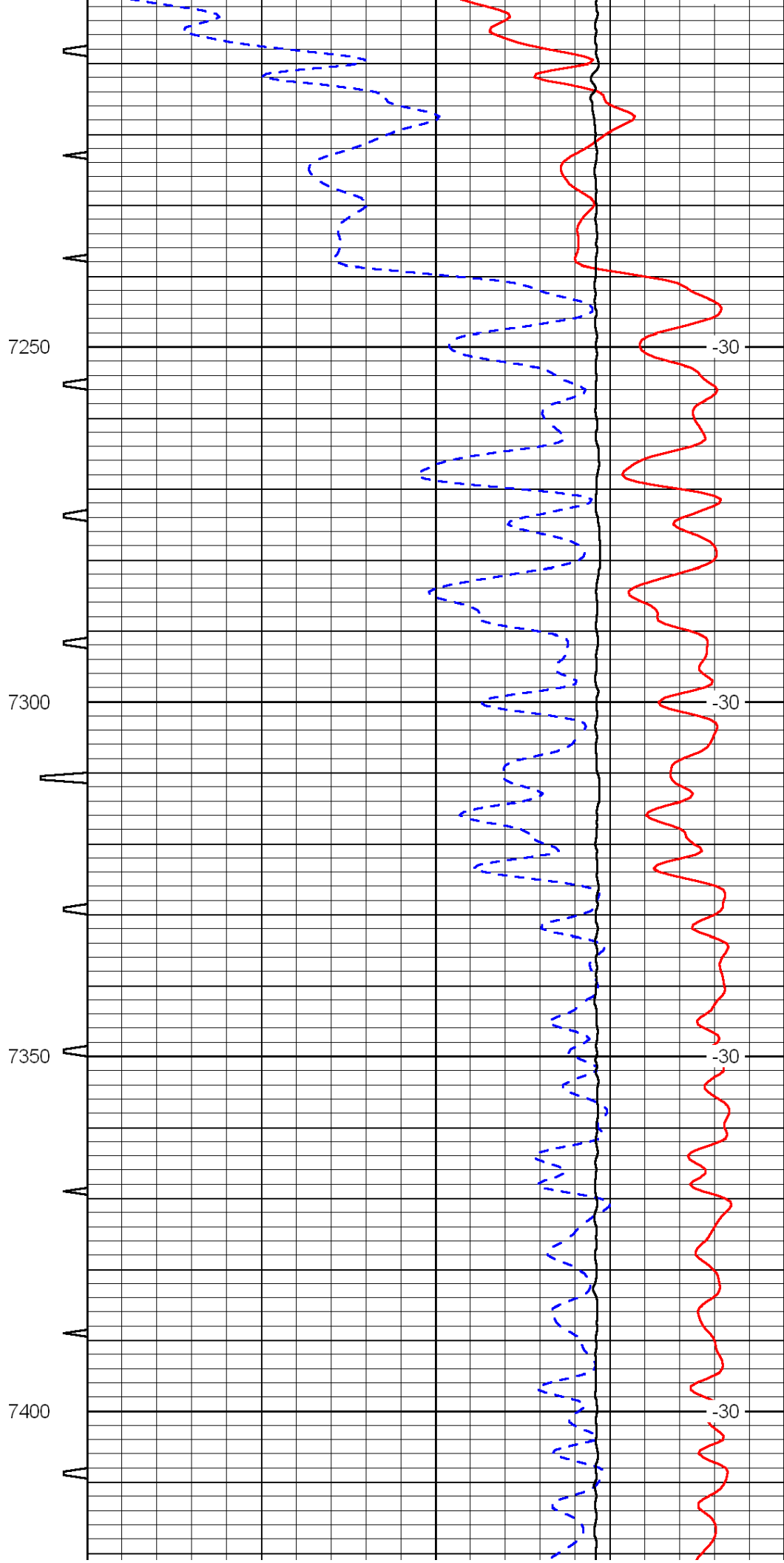
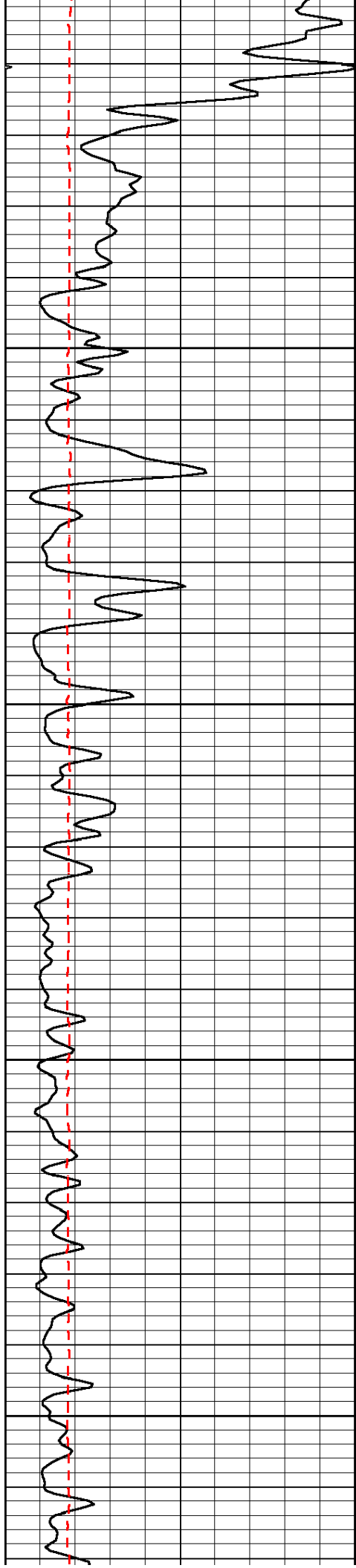


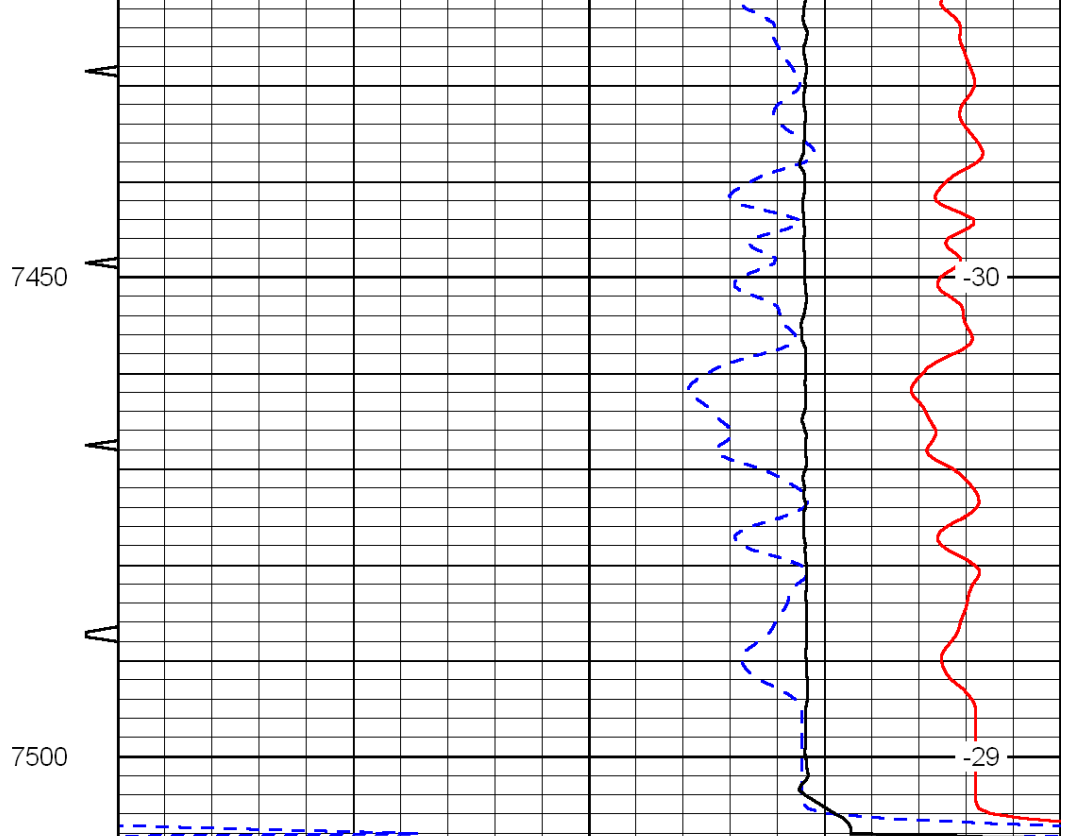
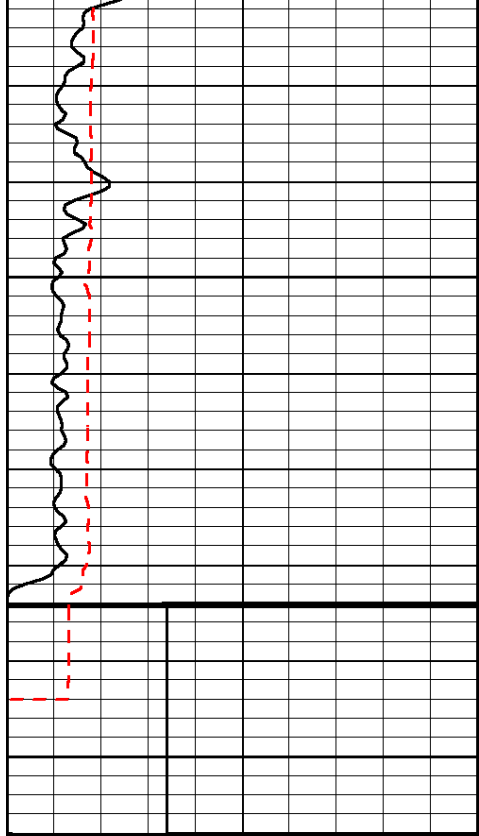












0	Gamma Ray	150	Sonic Int	140	Delta Time (usec/ft)	40
150	Gamma Ray	300	5	0	SPOR	-10
6	Caliper (GAPI)	16		15000	LTEN (lb)	0

LSPD