



Borehole Compensated Sonic Log

DIGITAL LOG (785) 625-3858

API No.

15-163-23,816-00-00

Company Mikol Oil LLC

Well Richmond No. 1 - 27

Field Colby-East

County Rooks State Kansas

Location W/2 - SW - SE
510' FSL & 2296' FEL

Sec: 27

Twp: 10 S Rge: 17 W

Permanent Datum Ground Level Elevation 1985
Log Measured From Kelly Bushing 6 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Other Services
CNL/CDL
MEL/DIL

Elevation
K.B. 1991
D.F. 1985
G.L. 1985

Date 8/7/2009

Run Number Two

Type Log BHC Sonic

Depth Driller 3630

Depth Logger 3630

Bottom Logged Interval 3619

Top Logged Interval 200

Type Fluid In Hole Chemical

Salinity, PPM CL 3,800

Density 9.3

Level Full

Max. Rec. Temp. F 112

Operating Rig Time 5 Hours

Equipment -- Location 15 Hays

Recorded By B. Becker

Witnessed By Ed Glassman

Borehole Record

Casing Record

Run No	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	218	8.625	24#	00	218
2	7.875	218	3630				

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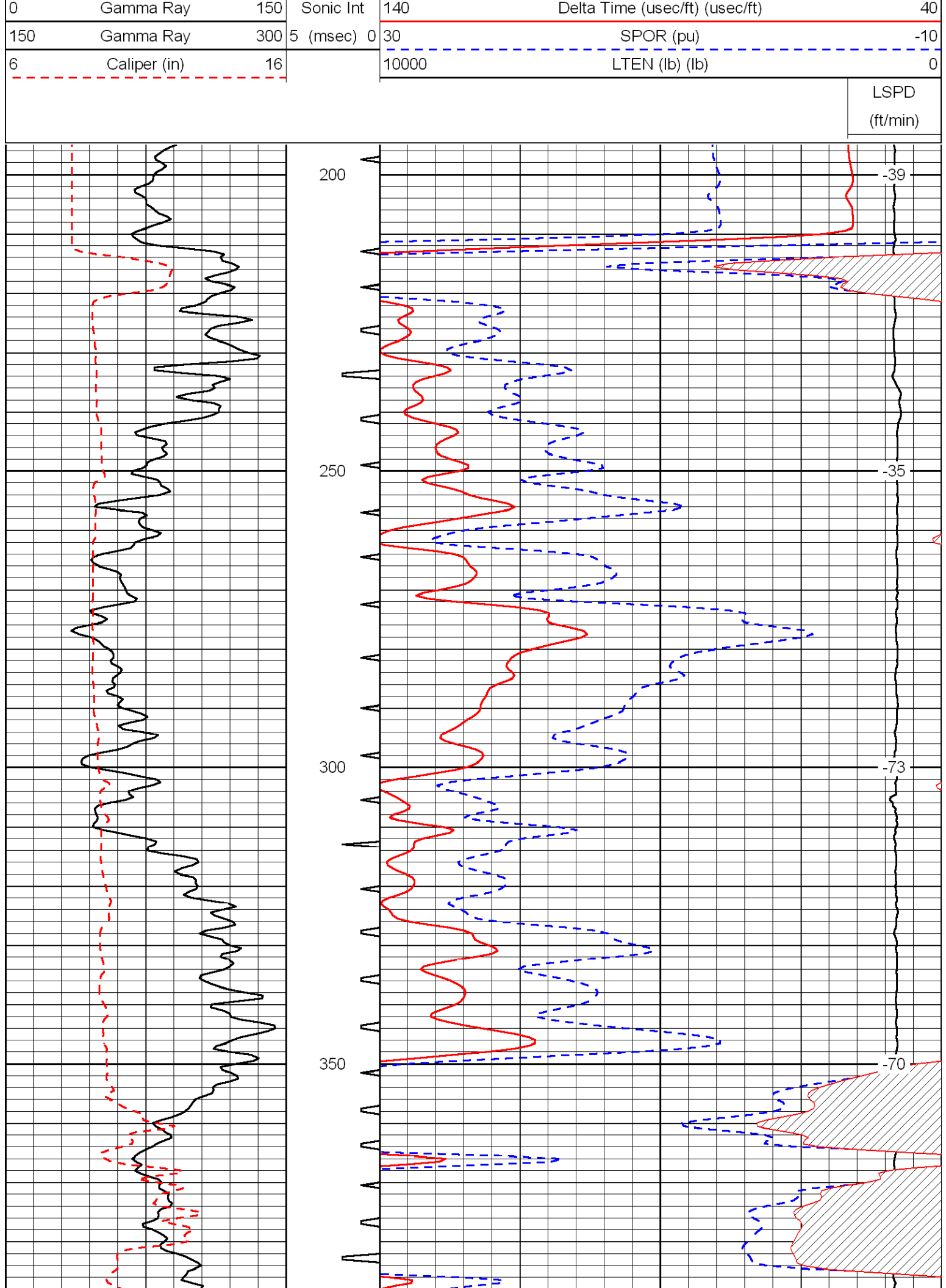
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

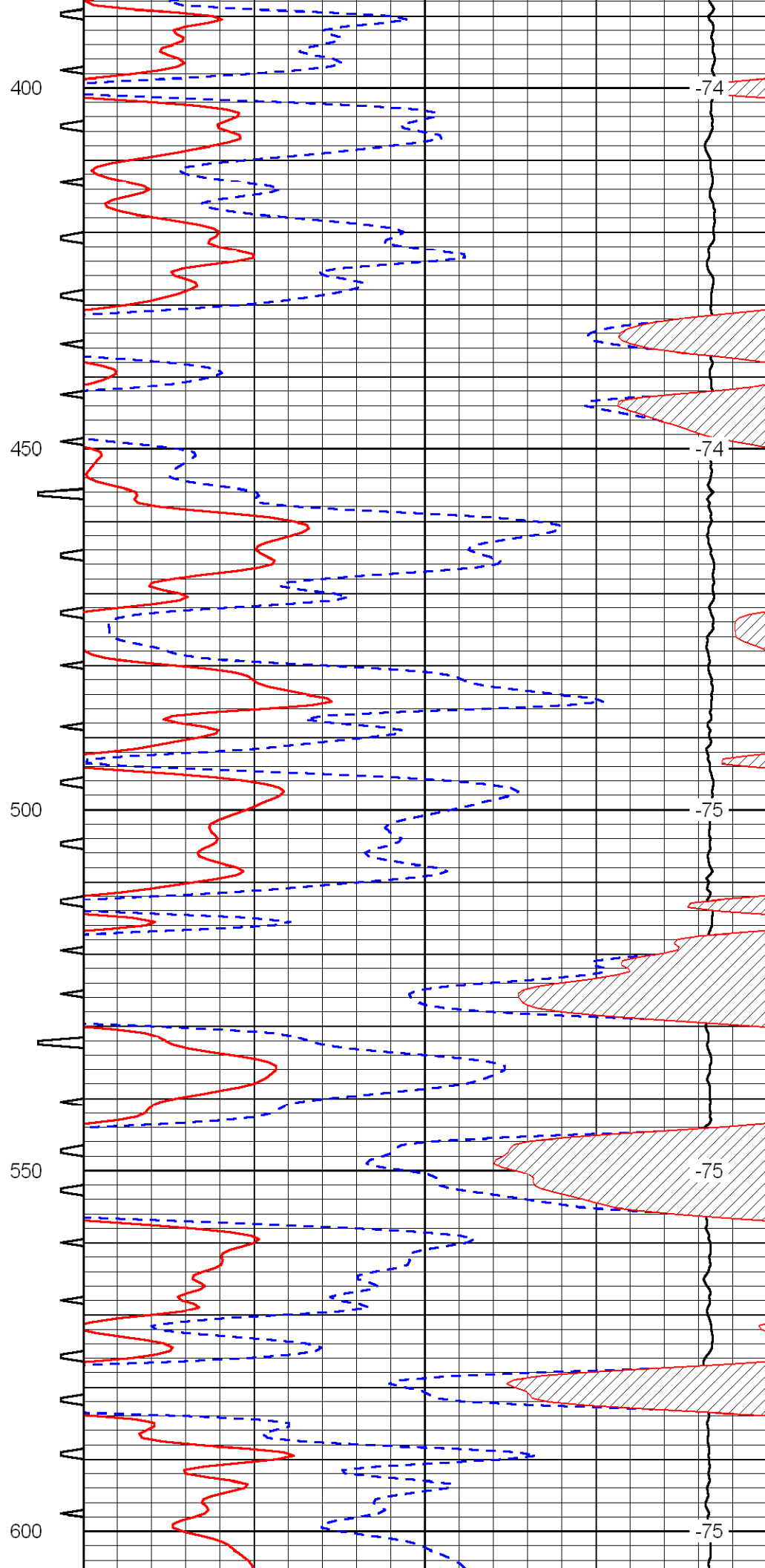
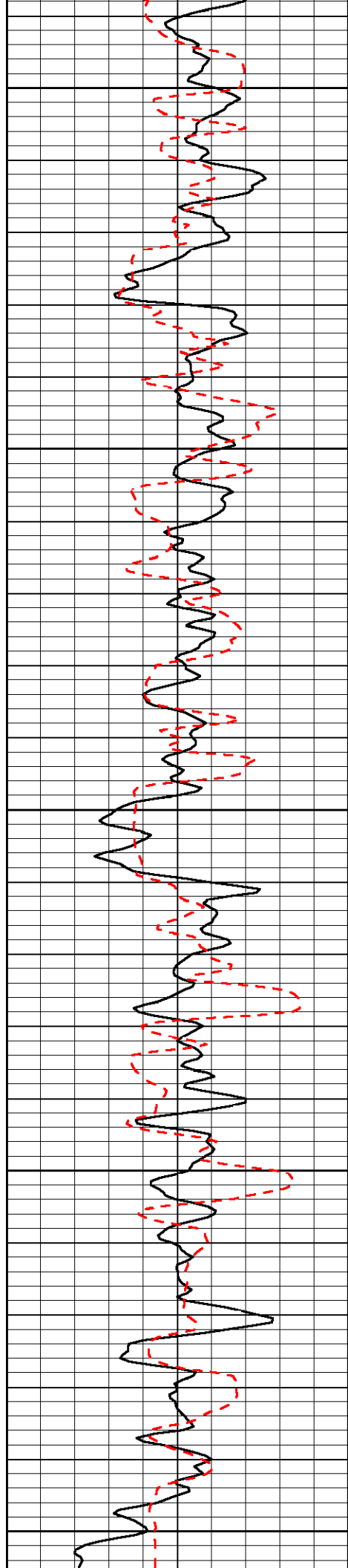
Comments

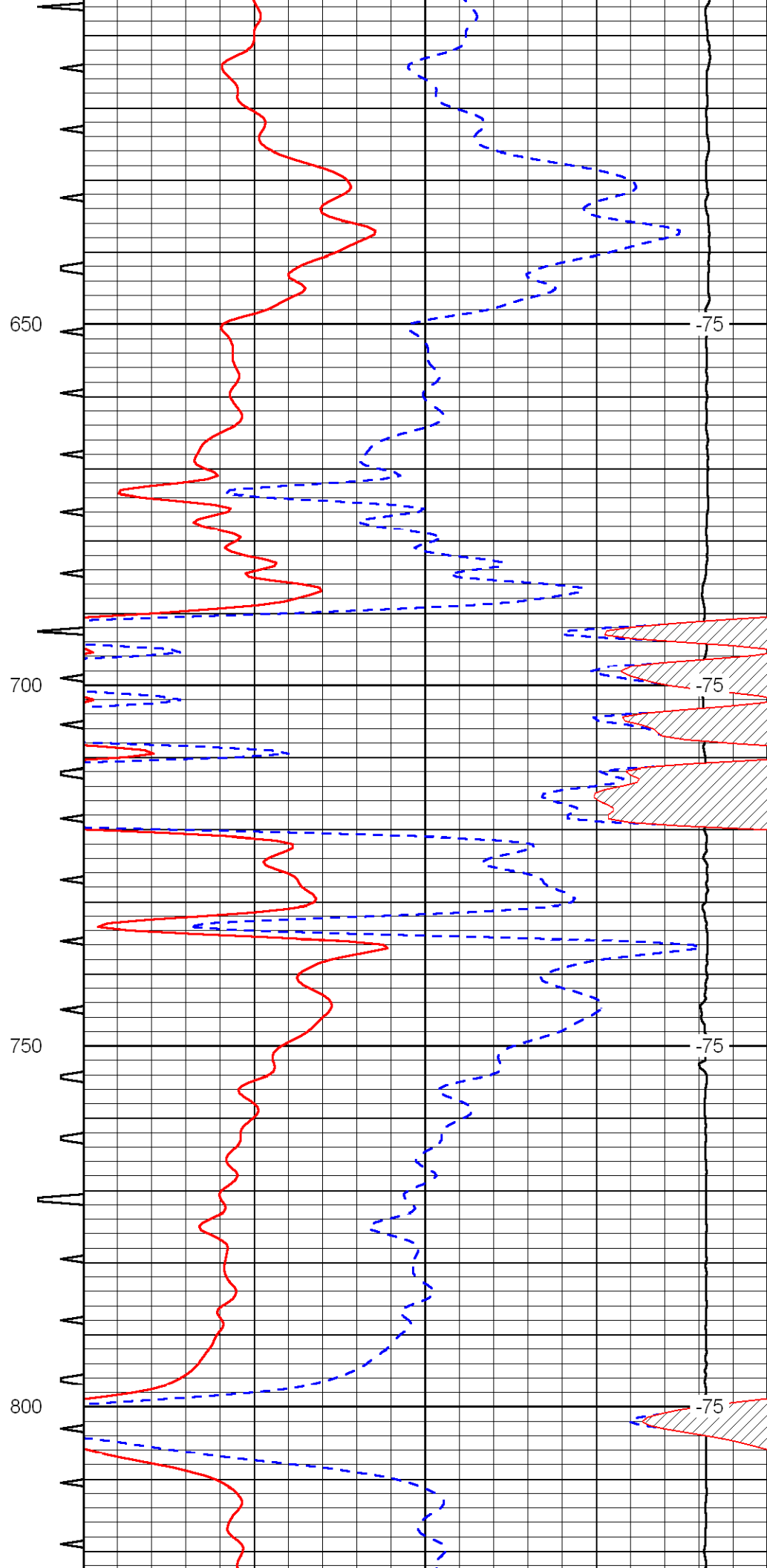
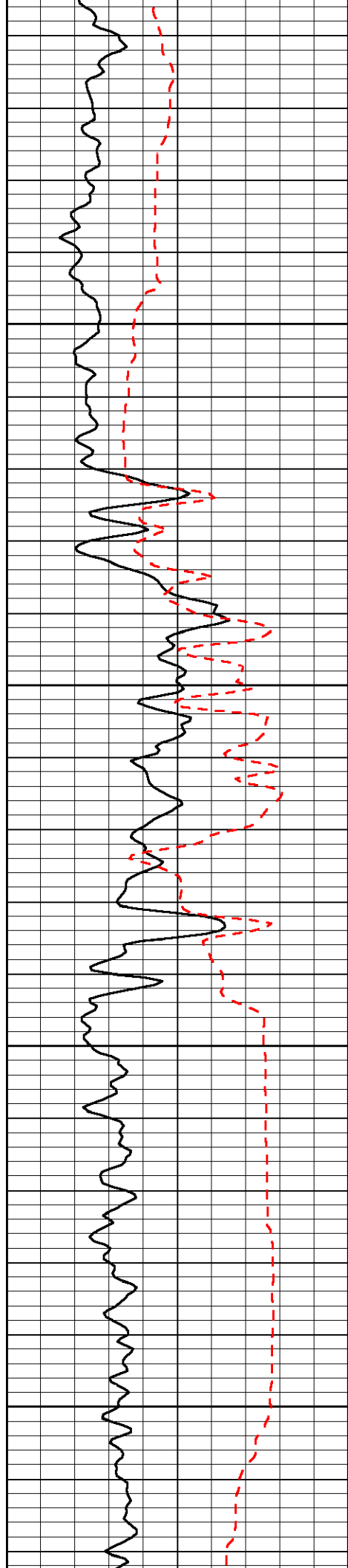
Thank you for using Log-Tech, Inc.
(785) 625-3858

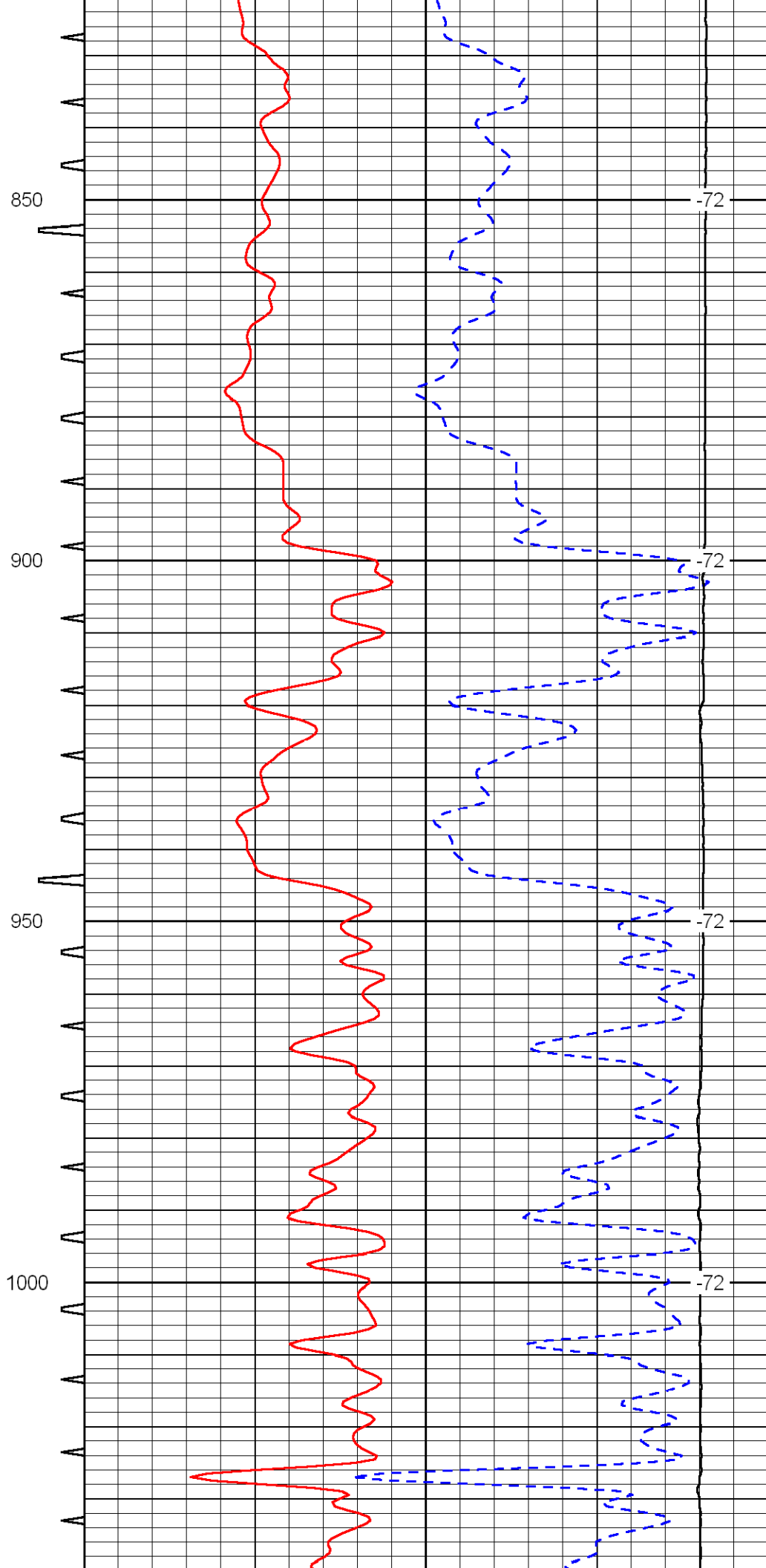
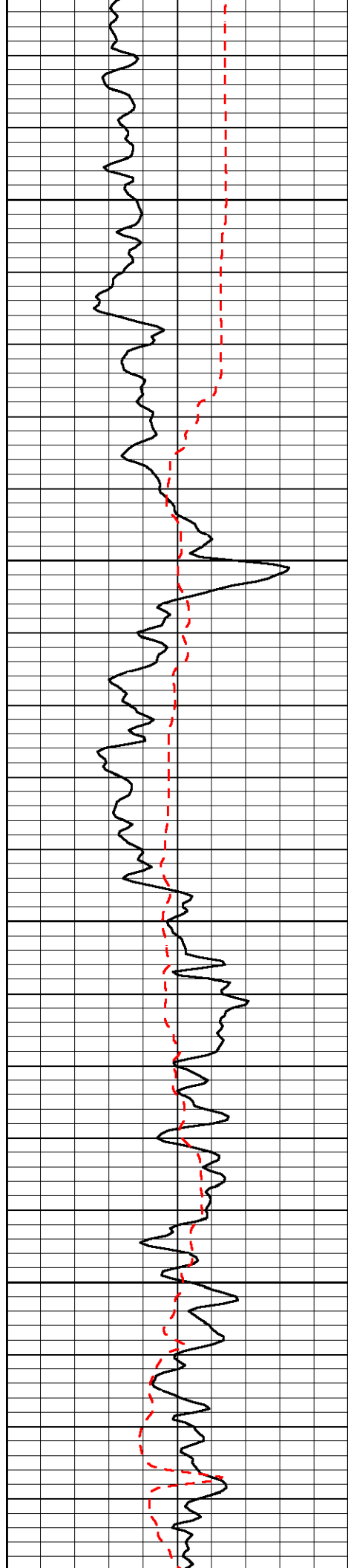
Hays, Ks; North to Saline River Rd; 5 East to 310th;
3 North and Northwest; Northeast Into

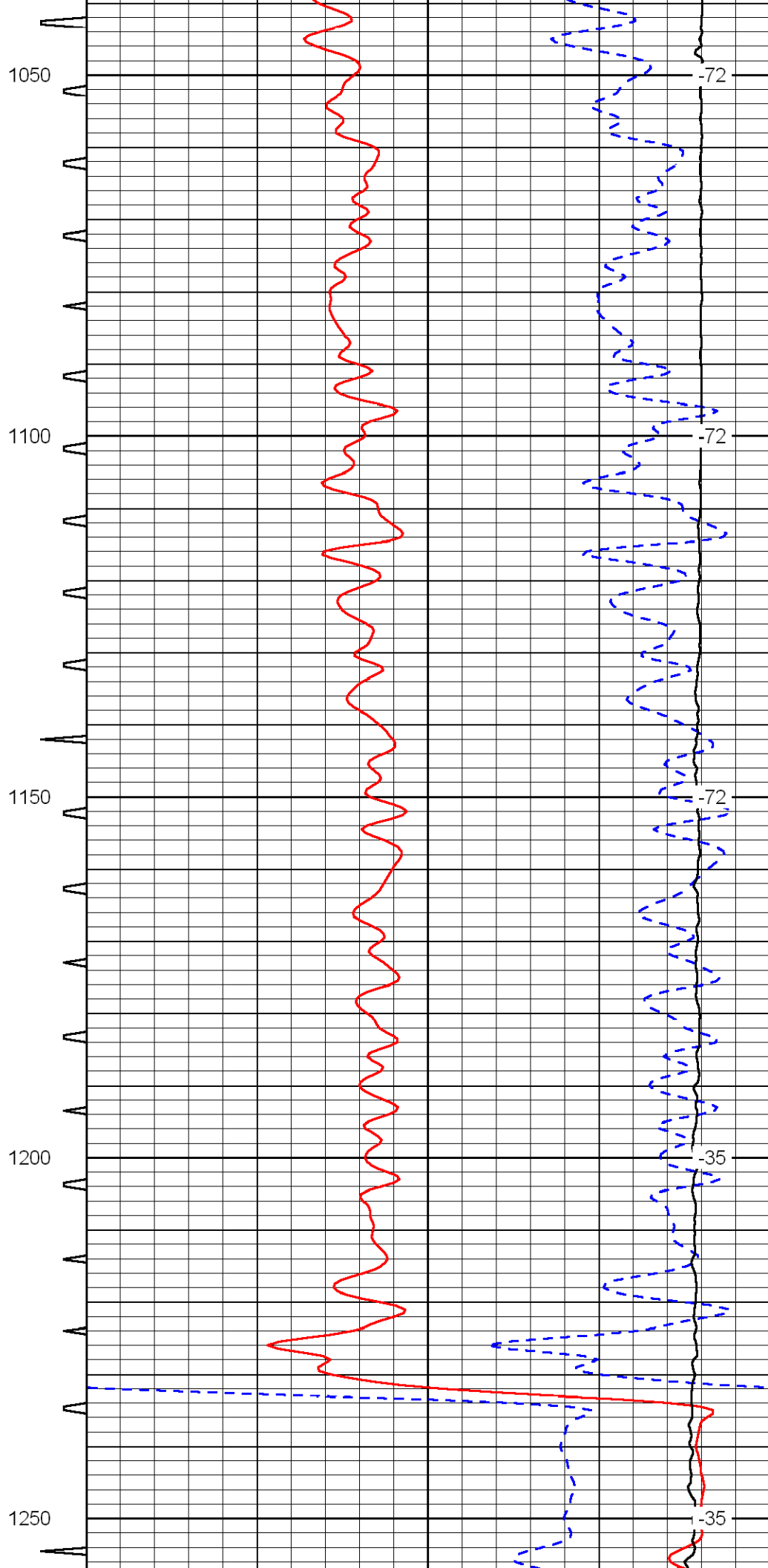
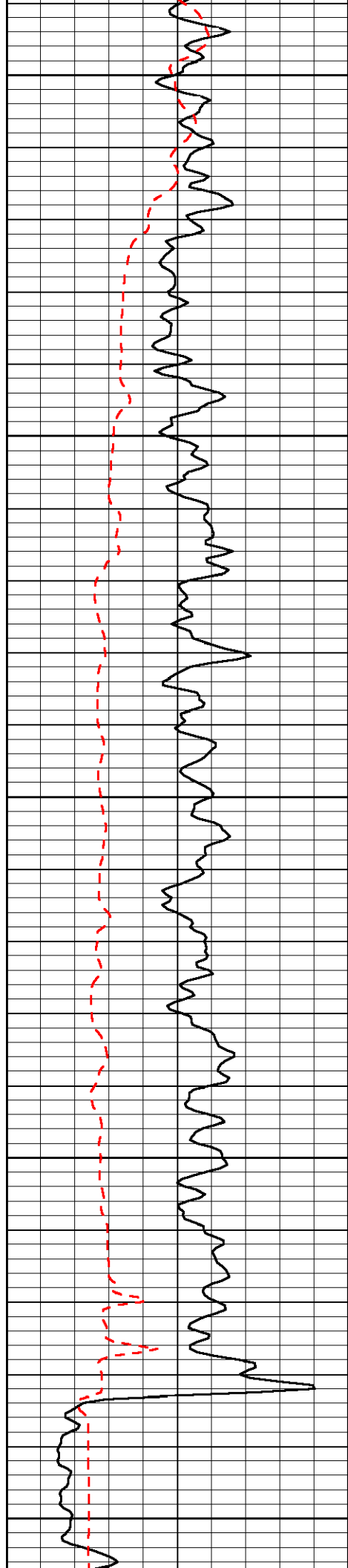
Database File: c:\warrior\data\mikol_richmond no. 1 - 27\mikolhd.db
Dataset Pathname: DIL\mikolstk
Presentation Format: sonic
Dataset Creation: Fri Aug 07 13:48:56 2009
Charted by: Depth in Feet scaled 1:240

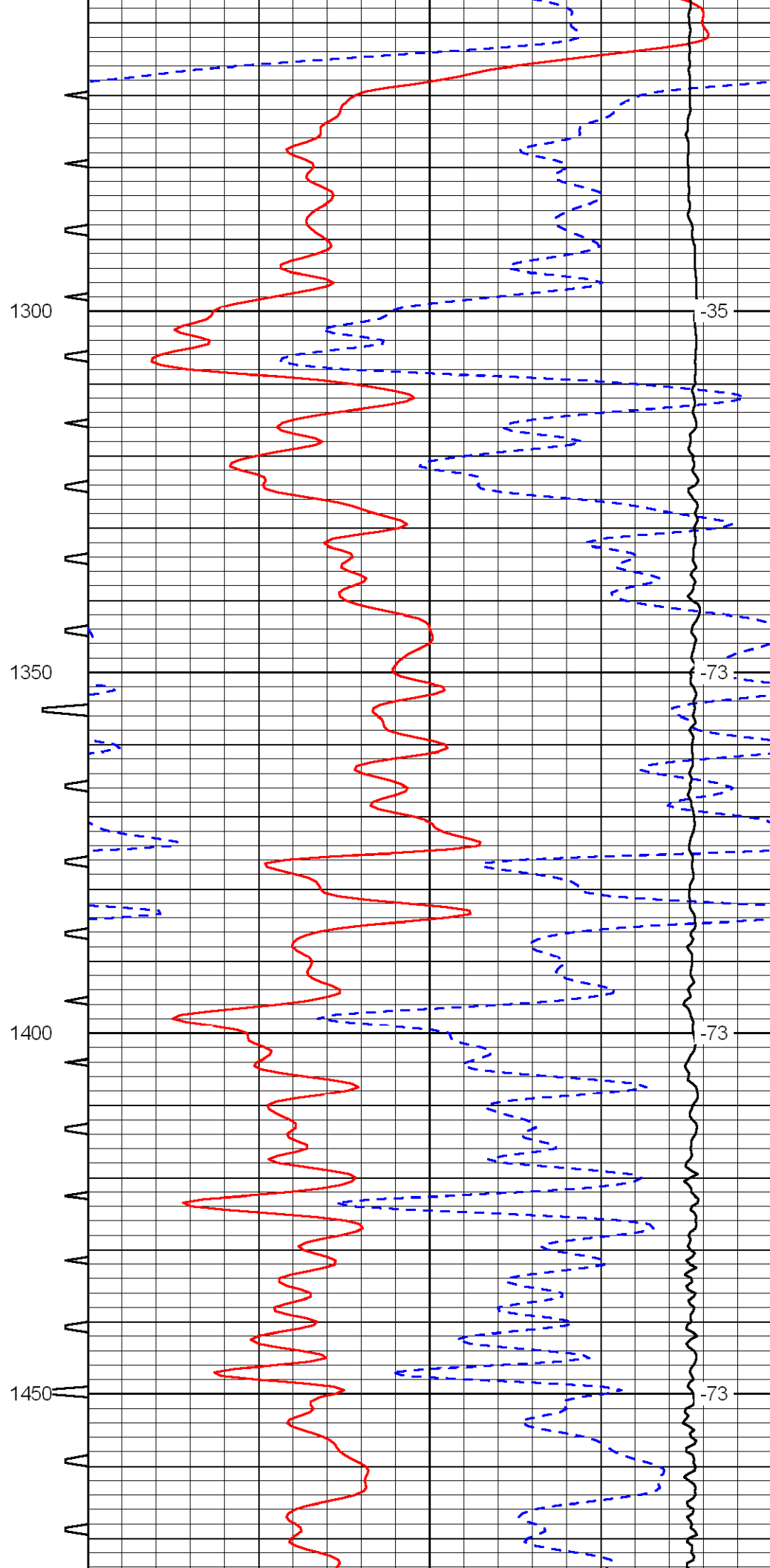
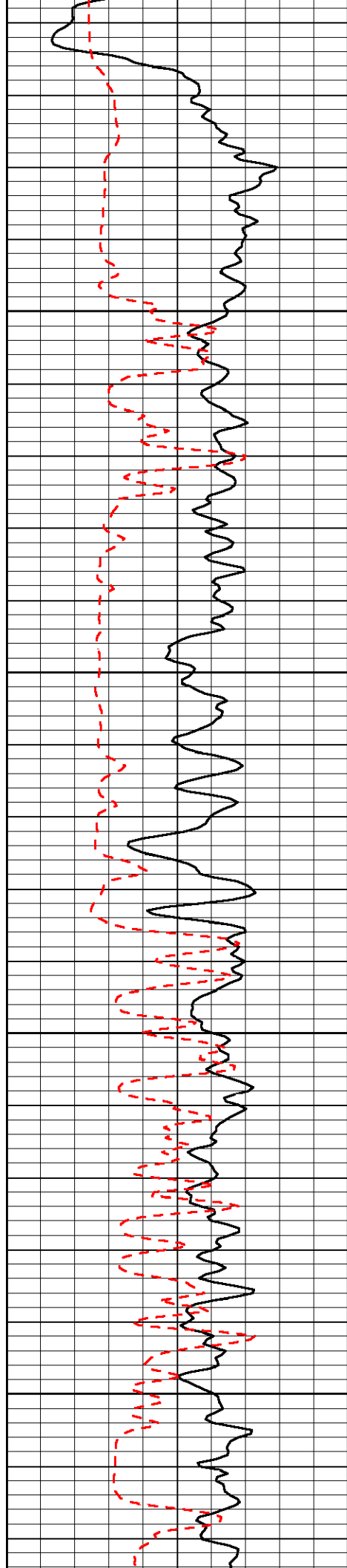


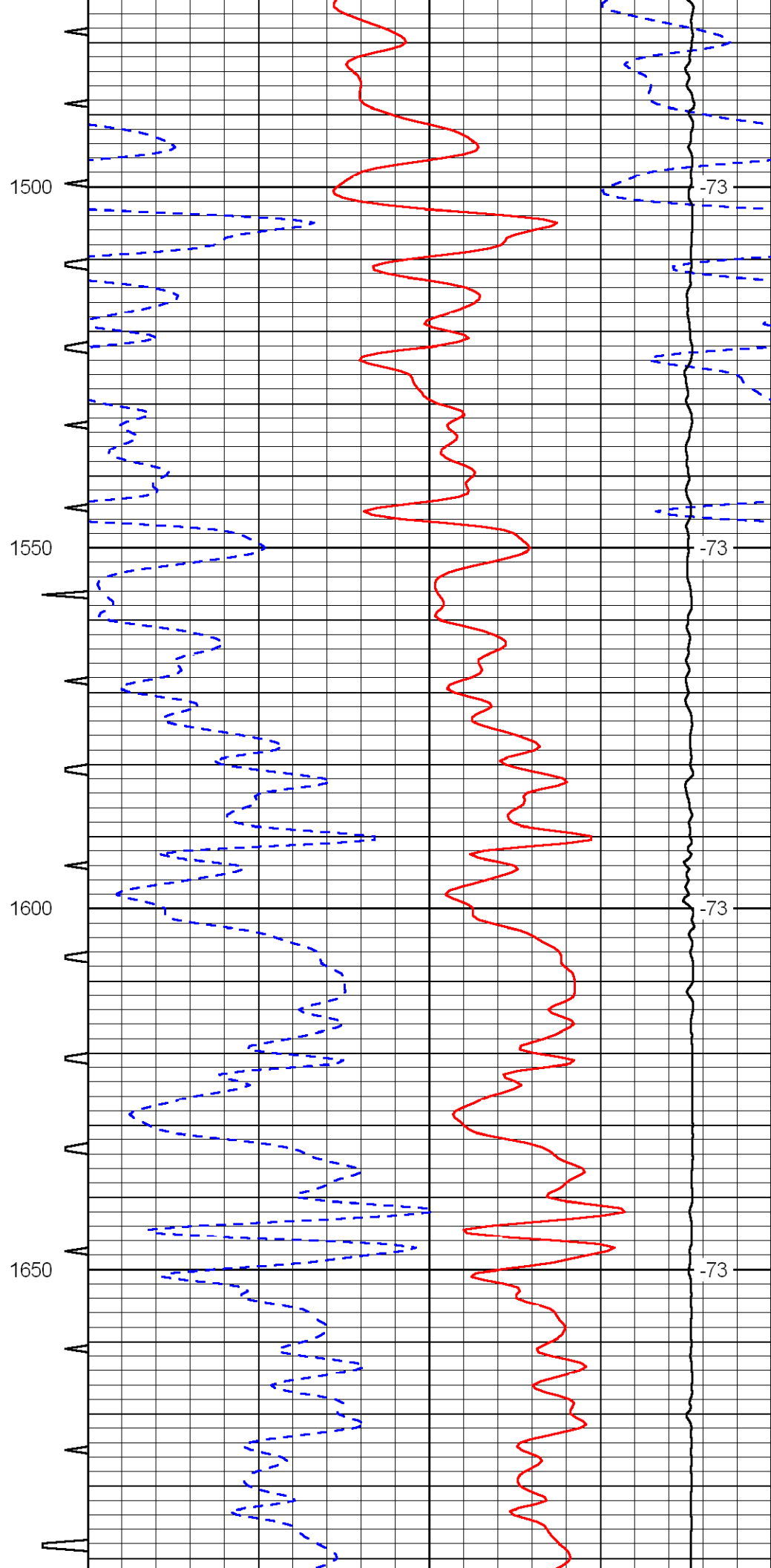
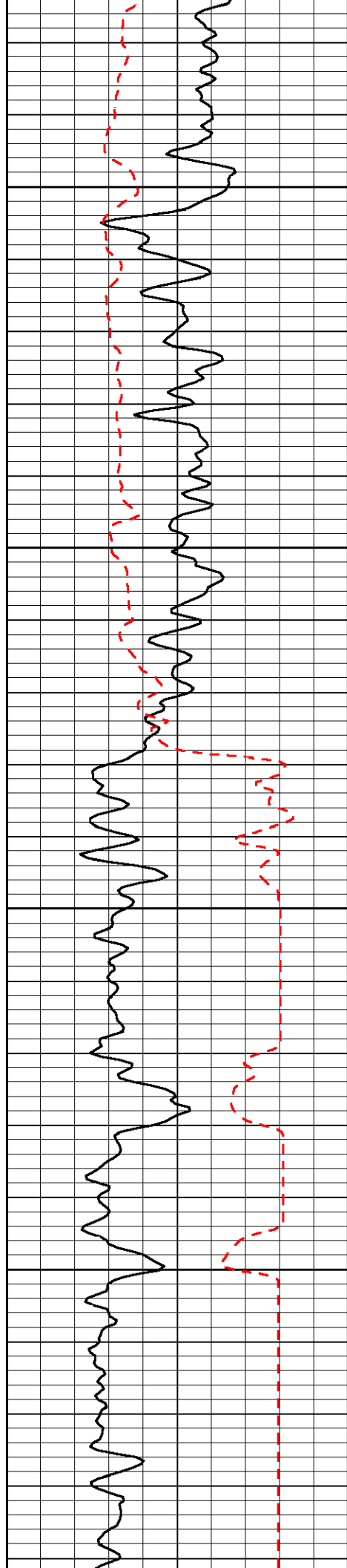


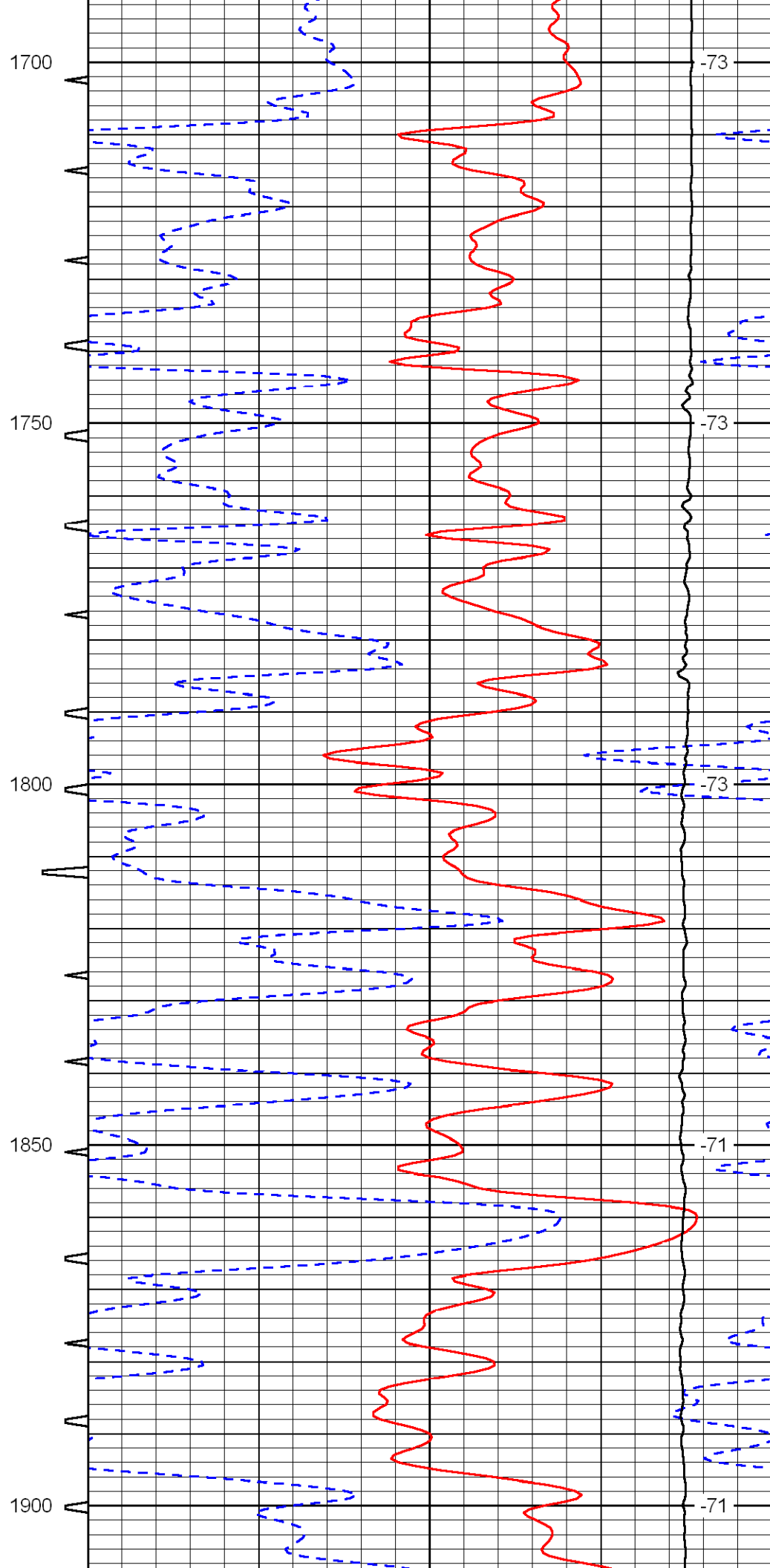
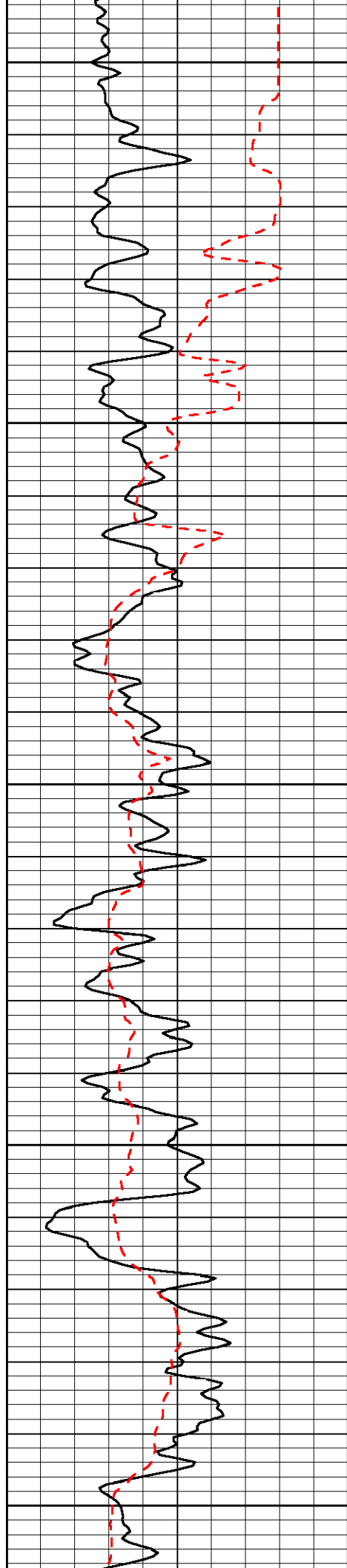


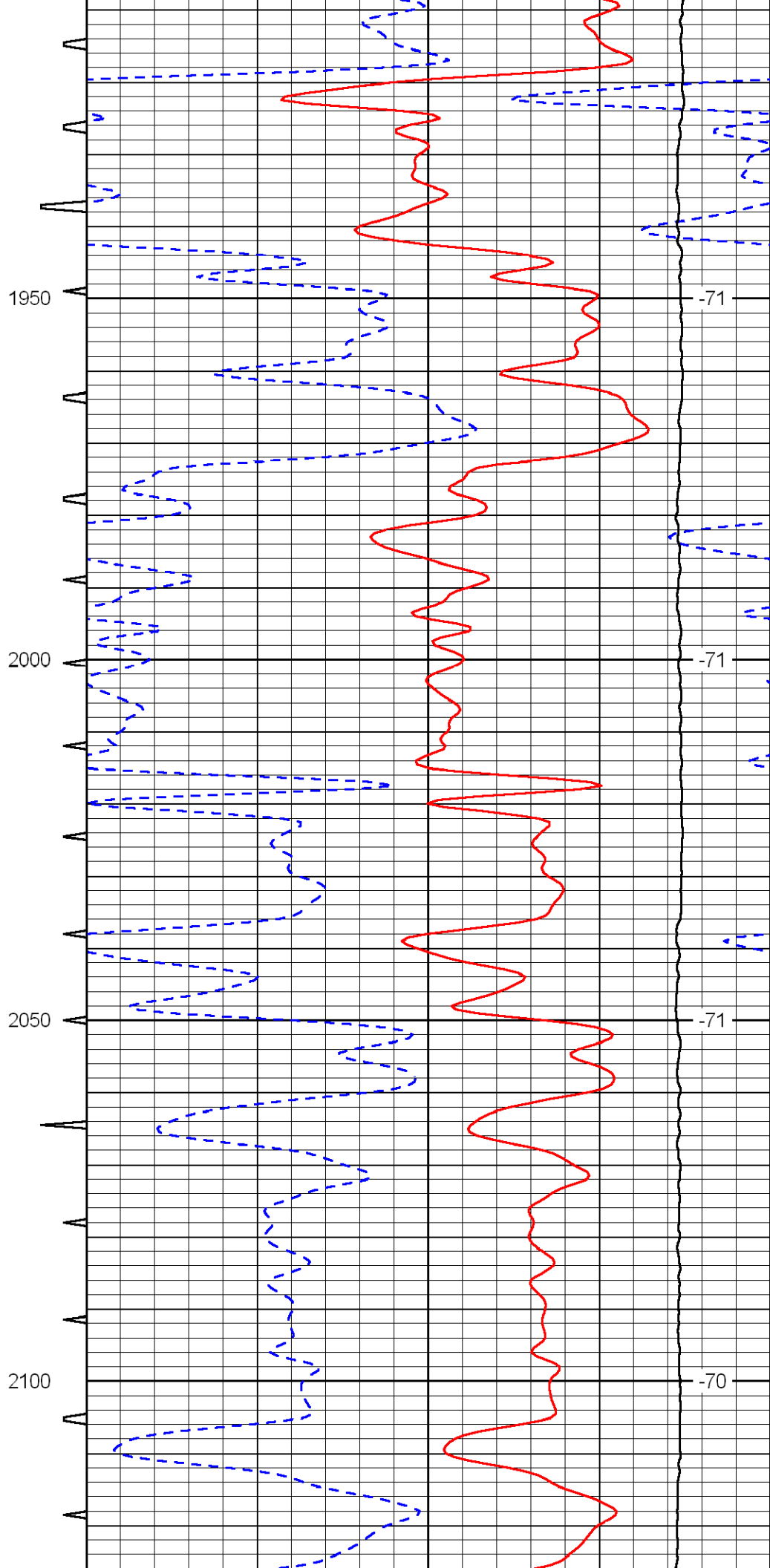
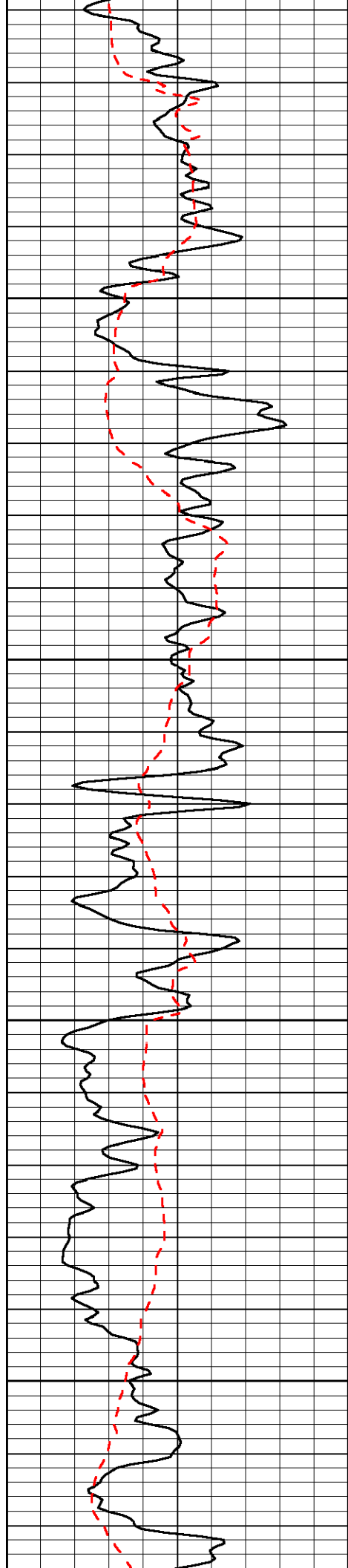


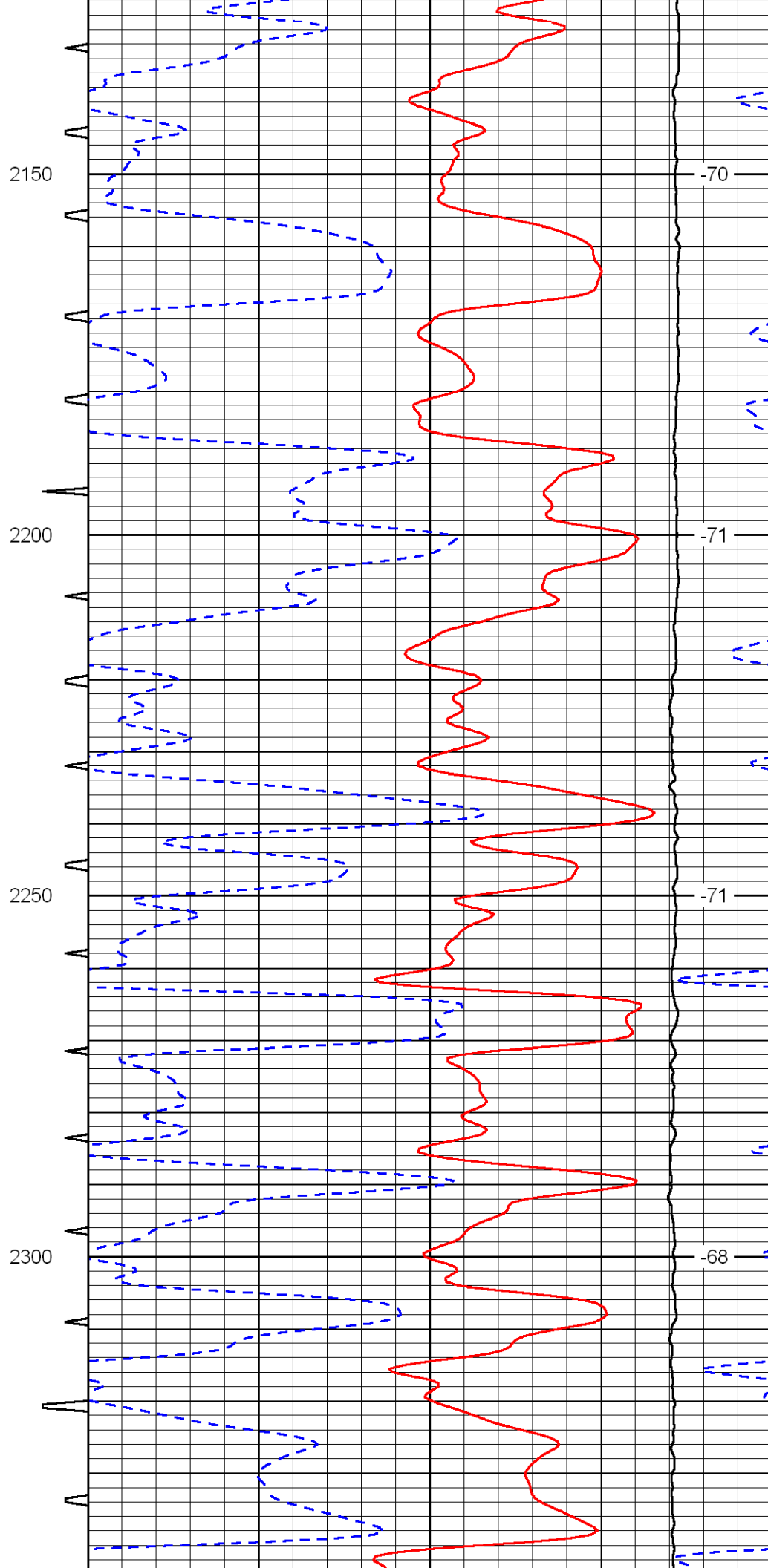
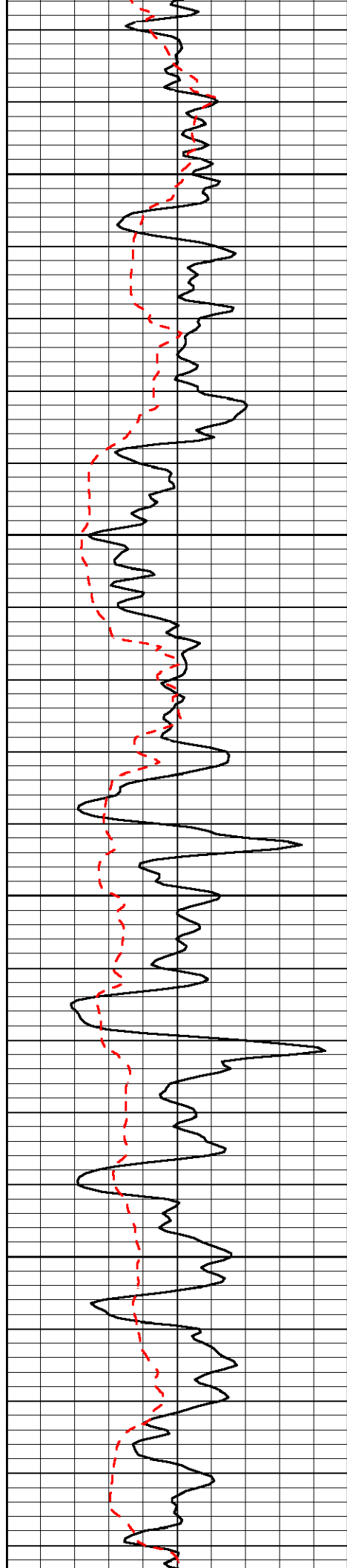


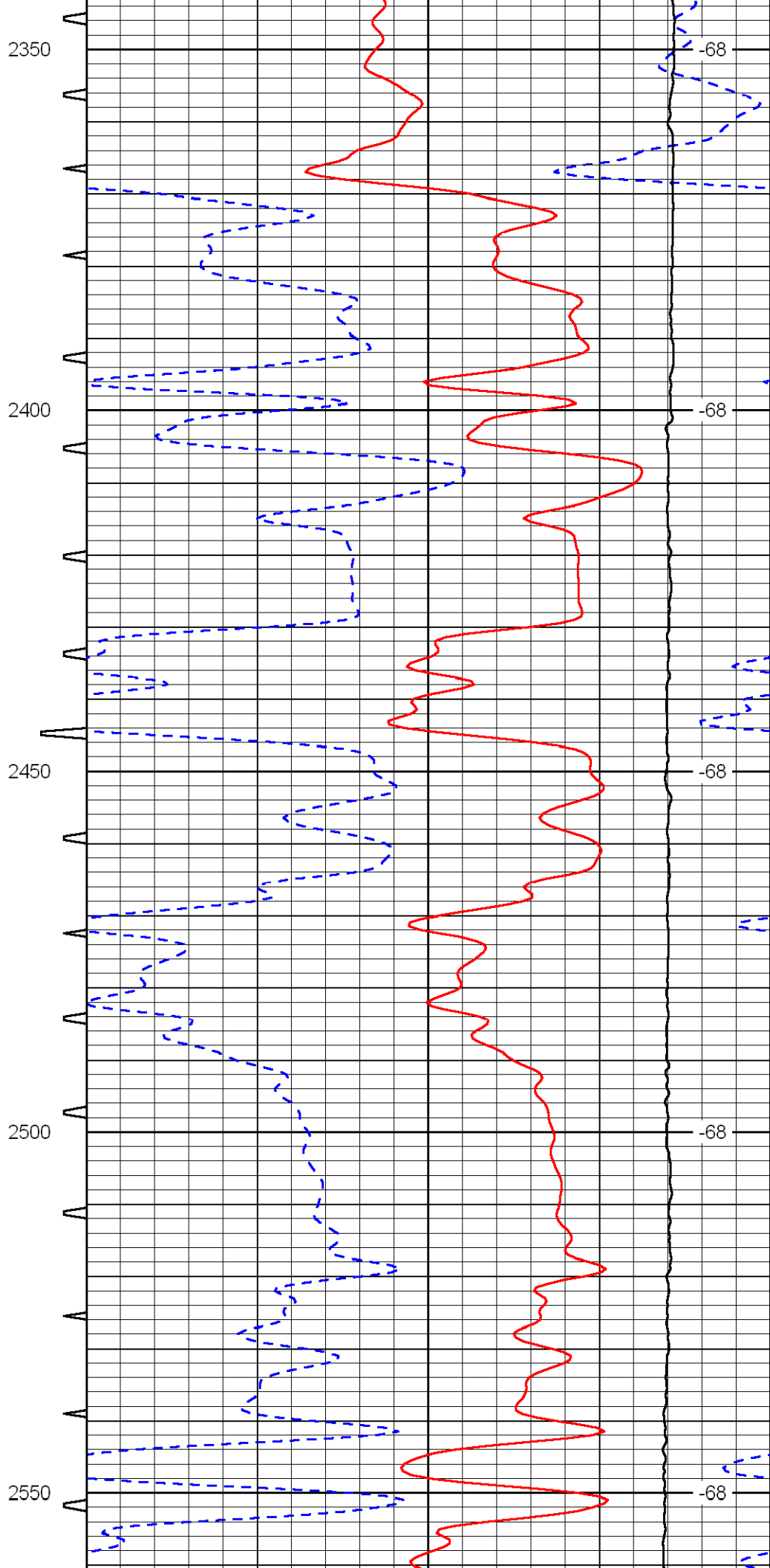
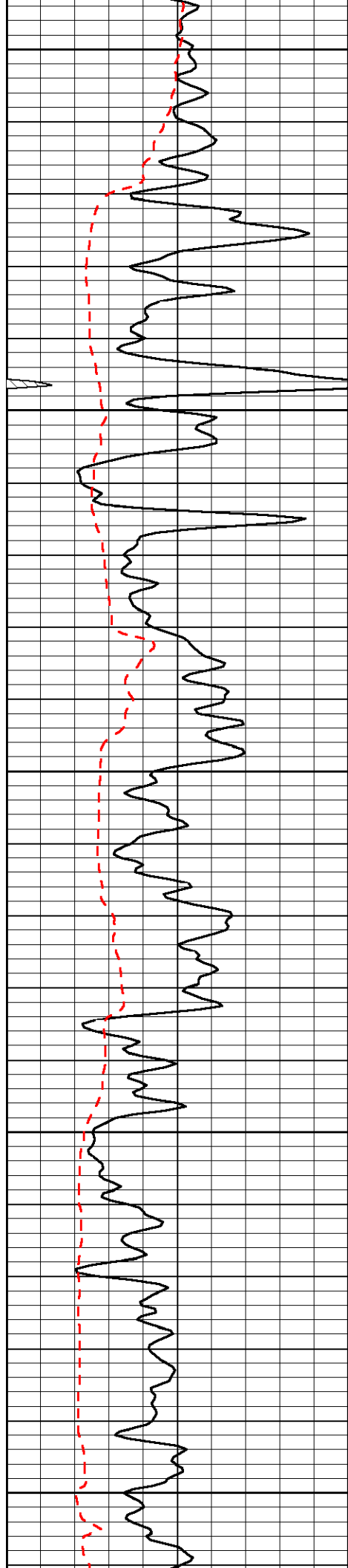


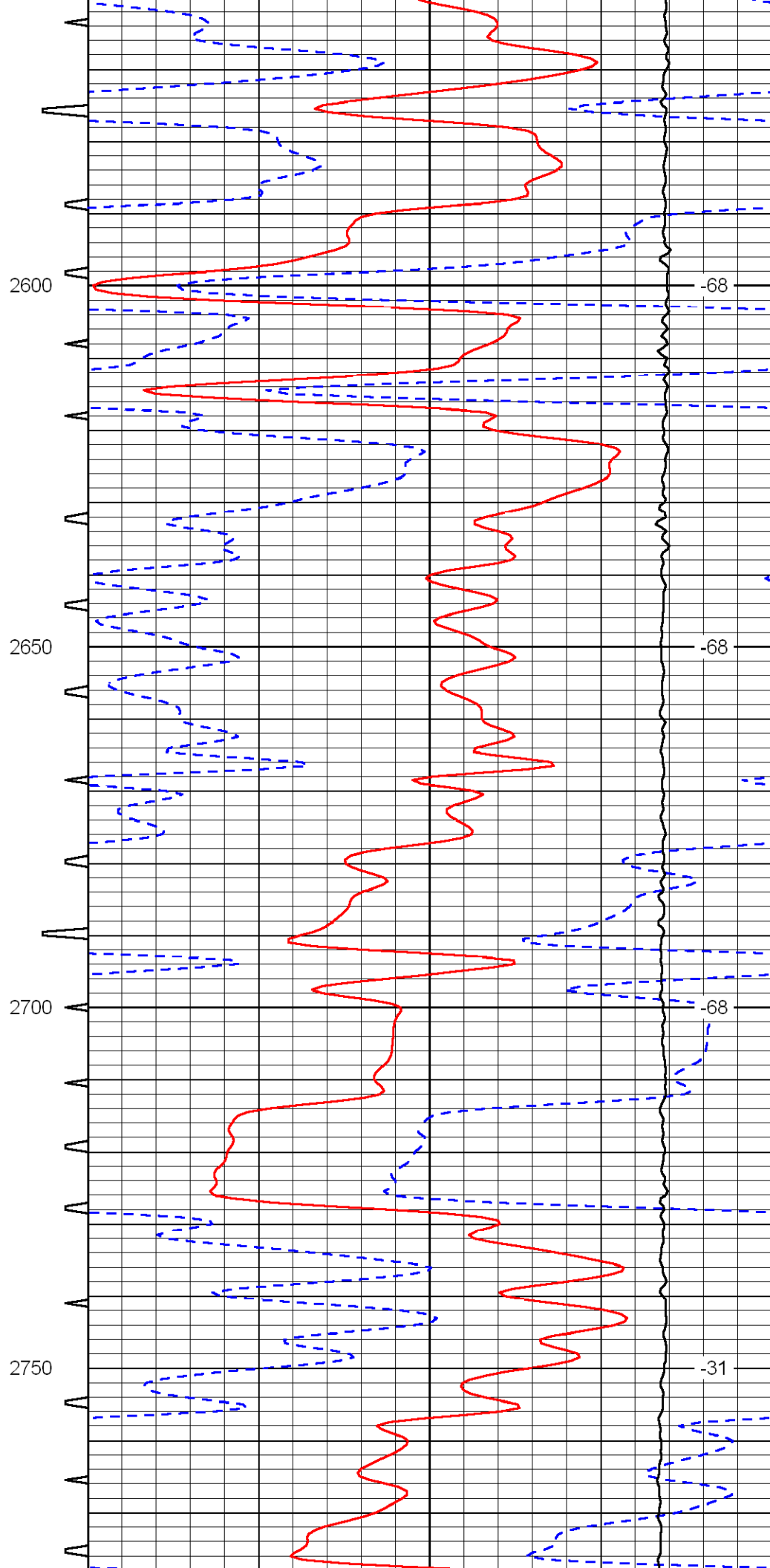
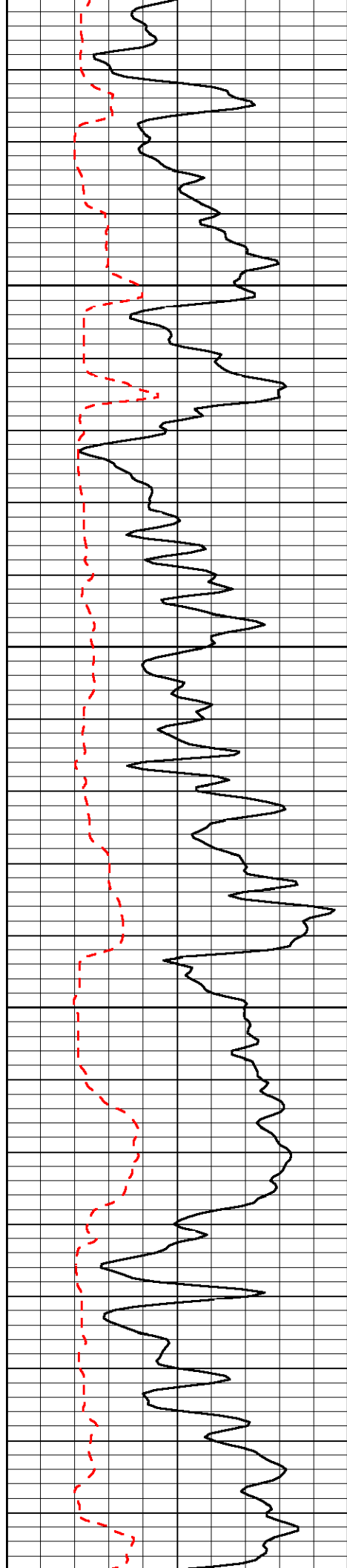


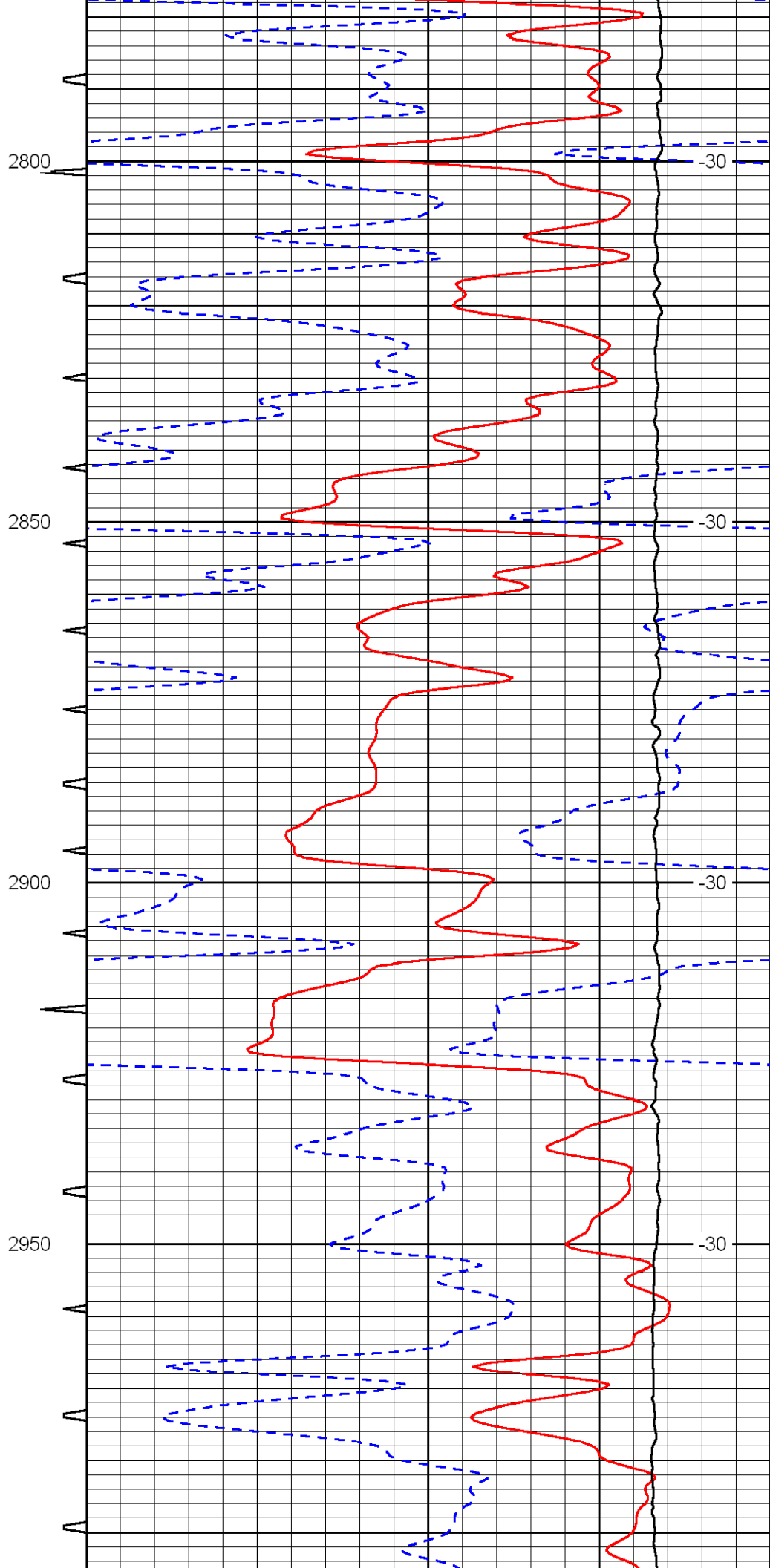
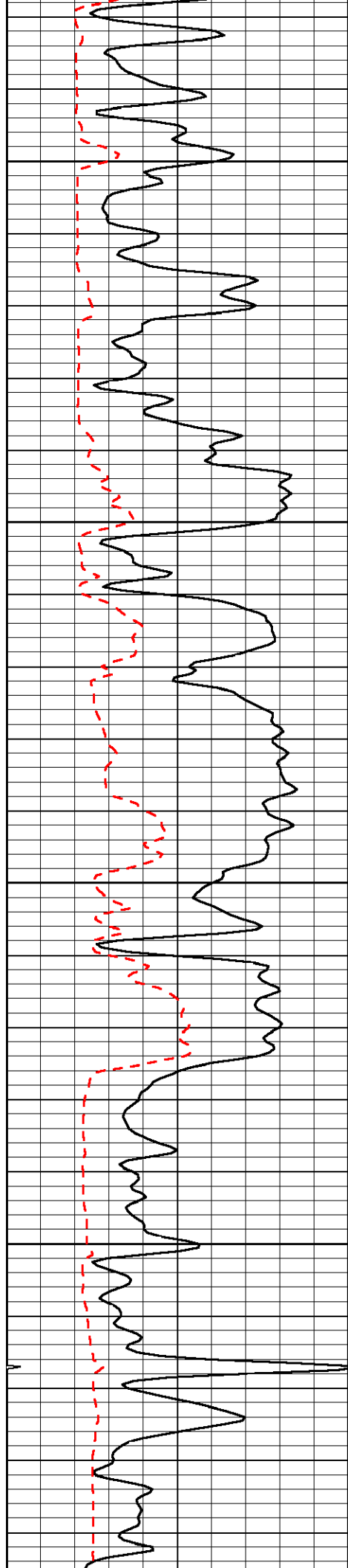


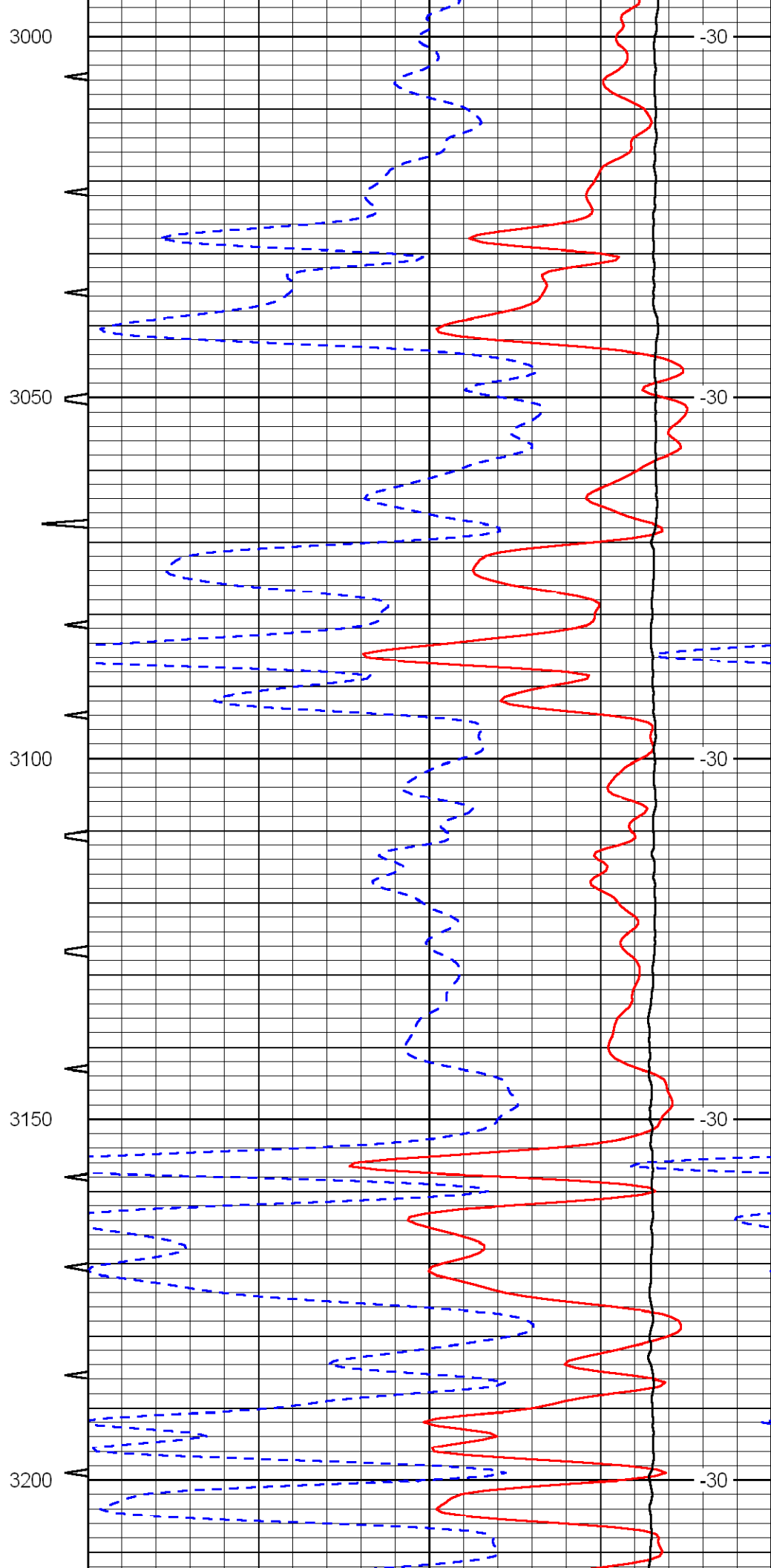
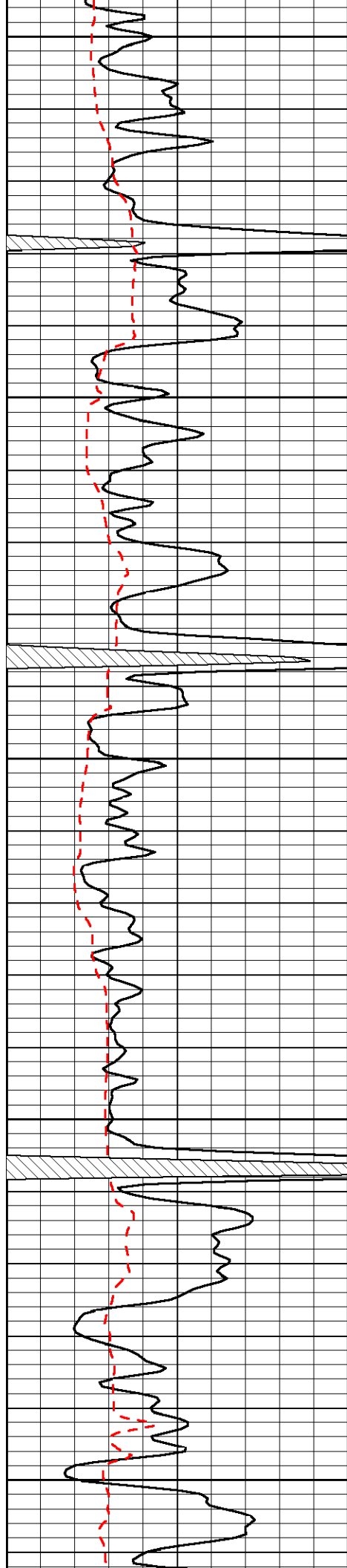


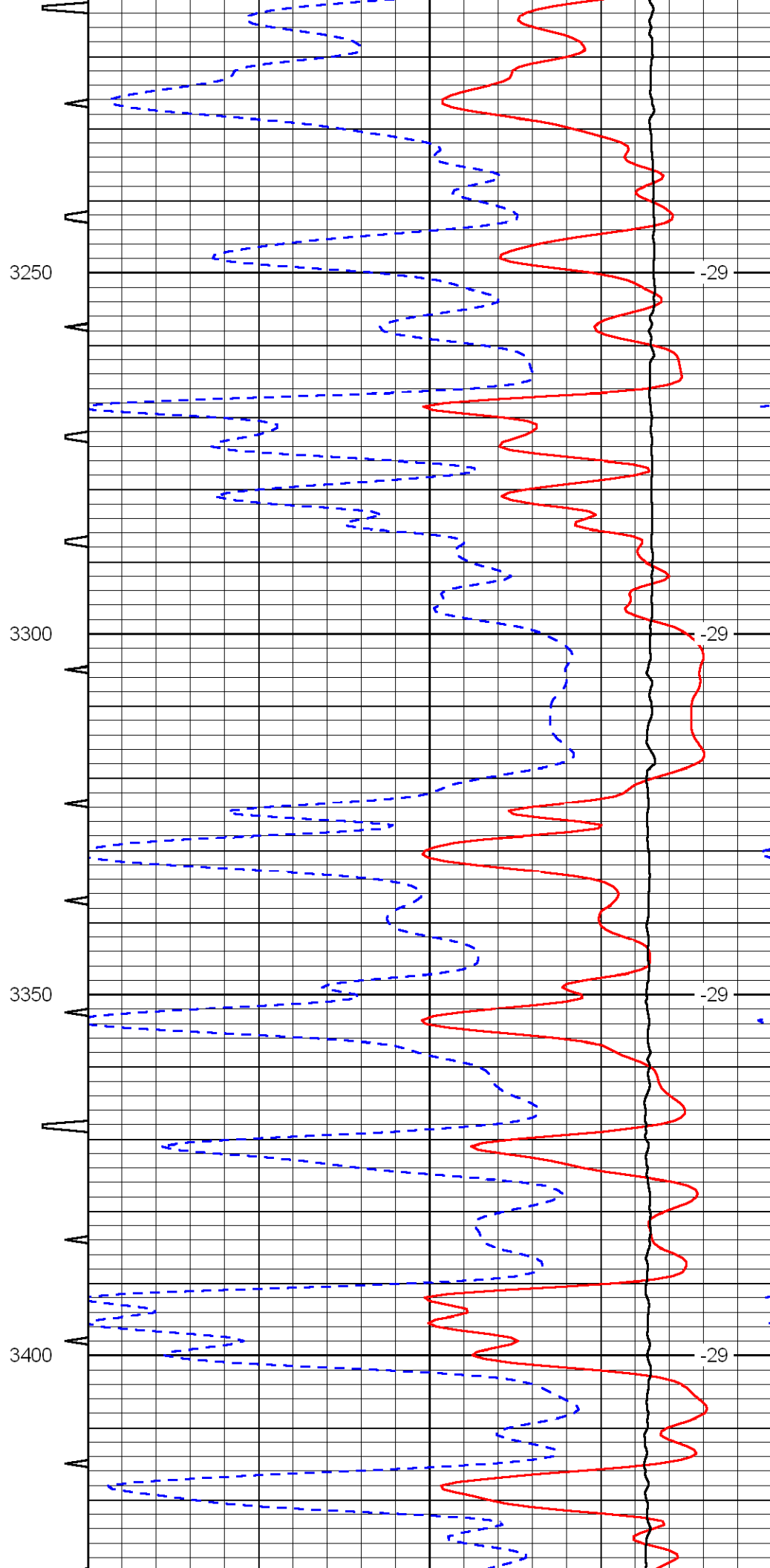
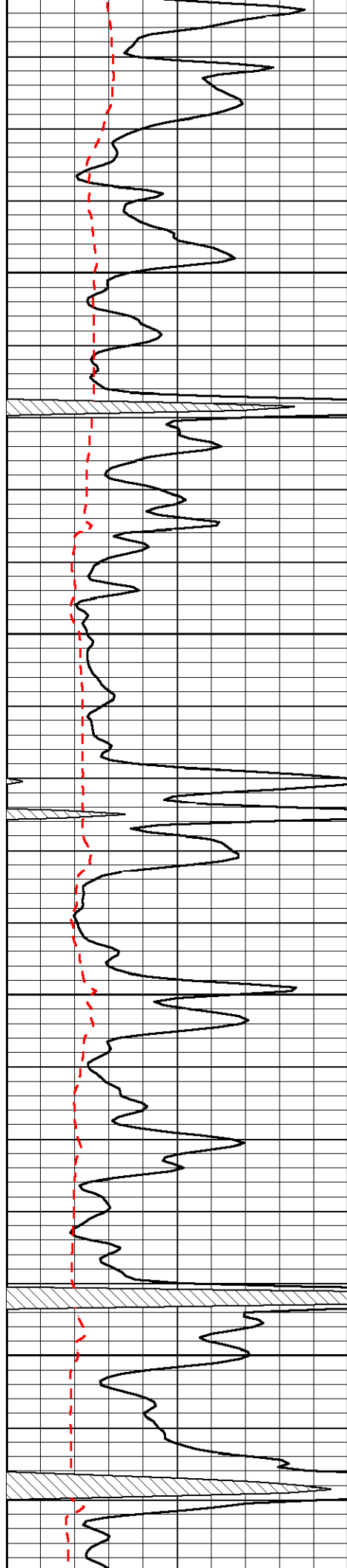


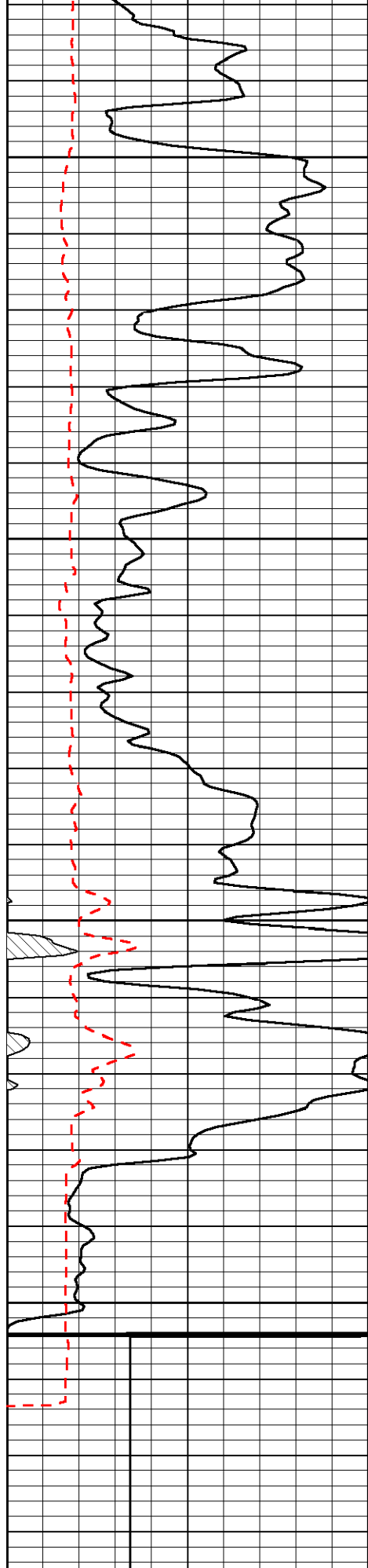




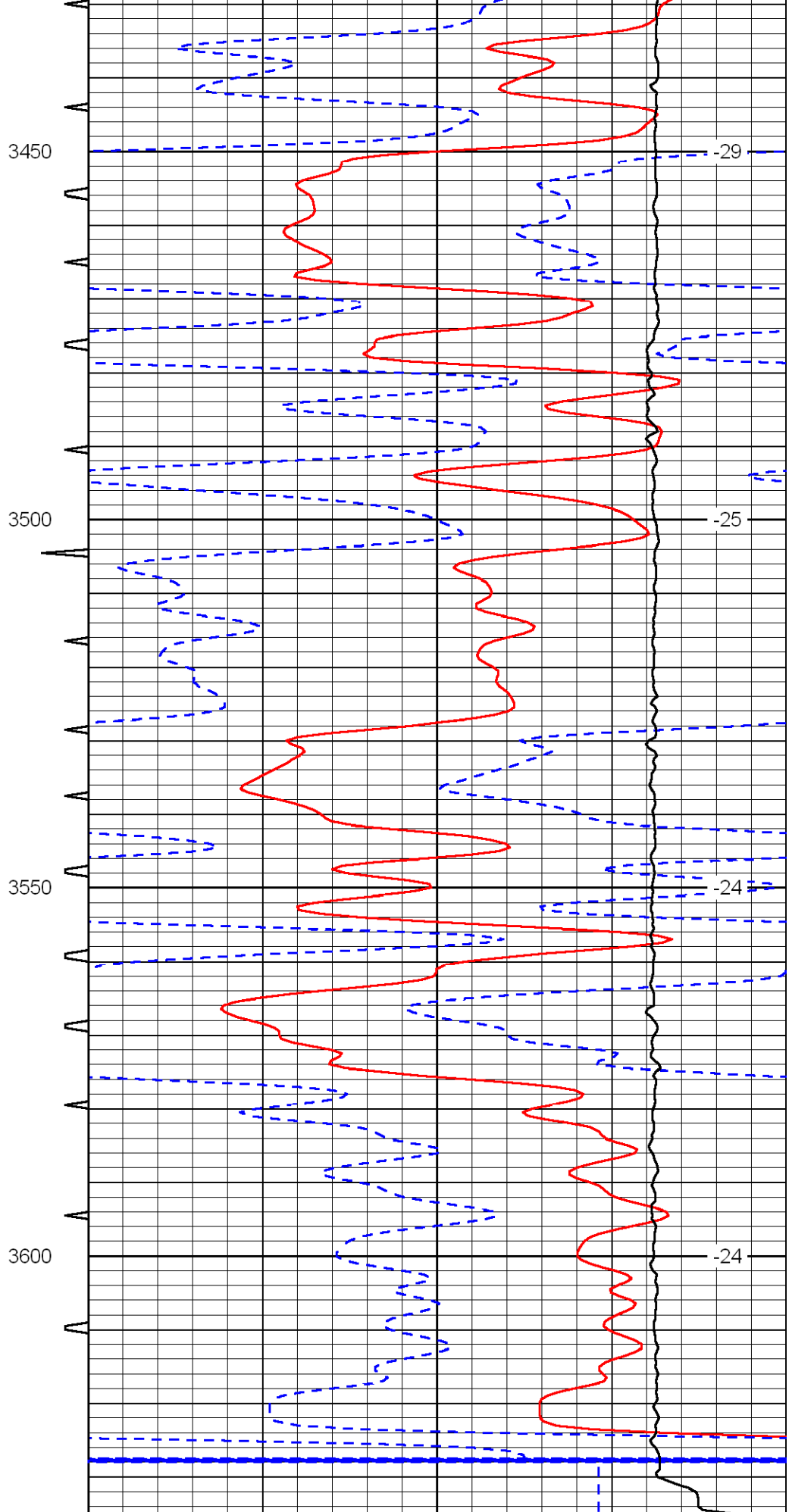








0	Gamma Ray	150
150	Gamma Ray	300



Sonic Int	140	Delta Time (usec/ft) (usec/ft)	40
5 (msec)	0	SPOR (pu)	-10

6	Caliper (in)	16	10000	LTEN (lb) (lb)	0
				LSPD (ft/min)	