



Pioneer Energy Services

Borehole Compensated Sonic Log

15-163-24238-00-00

API No.

Company Trans Pacific Oil Corporation
Well KSJ Farms 'A' #1-33
Field Wildcat
County Rooks State Kansas

Location 1585' FSL & 2590' FEL

Sec: 33 Twp: 8S Rge: 20W

Other Services
CNL/CDL
MEL/DIL

Permanent Datum Ground Level Elevation 2116
Log Measured From Kelly Bushing 7 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation
K.B. 2123
D.F.
G.L. 2116

Date 9/16/2014

Run Number Two

Type Log BHC Sonic

Depth Driller 3780

Depth Logger 3783

Bottom Logged Interval 3772

Top Logged Interval 200

Type Fluid In Hole Chemical

Salinity, PPM CL 2800

Density 9.5

Level Full

Max. Rec. Temp. F 116

Operating Rig Time 4 Hours

Equipment -- Location 91 Days

Recorded By M. Beougher

Witnessed By D. Schmidt

Witnessed By Bryce Bidleman

Borehole Record

Casing Record

Run No. Bit From To Size Wgt. From To

1 12.25 00 220 8.625 24# 00 220

2 7.875 220 3780

<<< Fold Here >>>

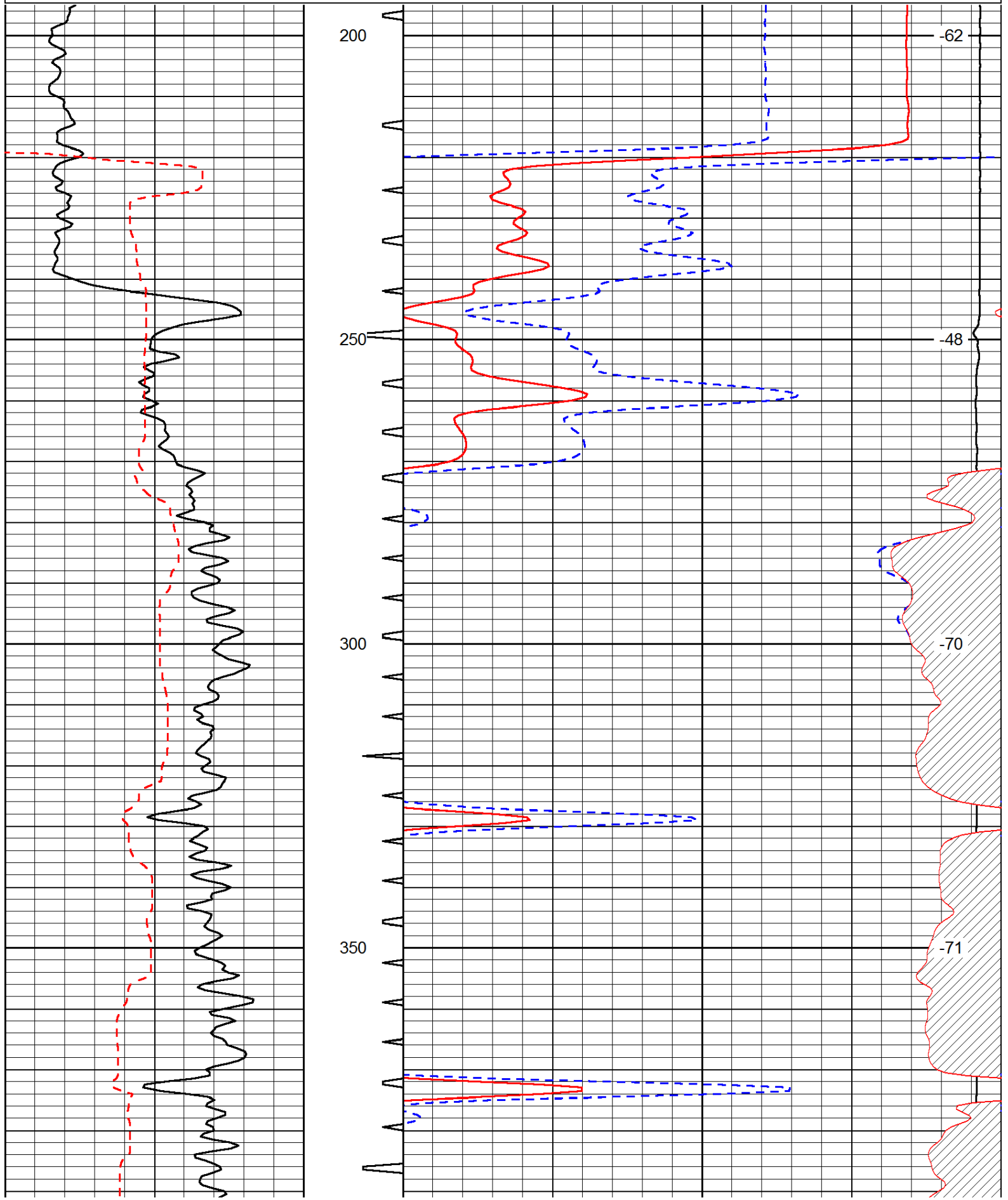
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

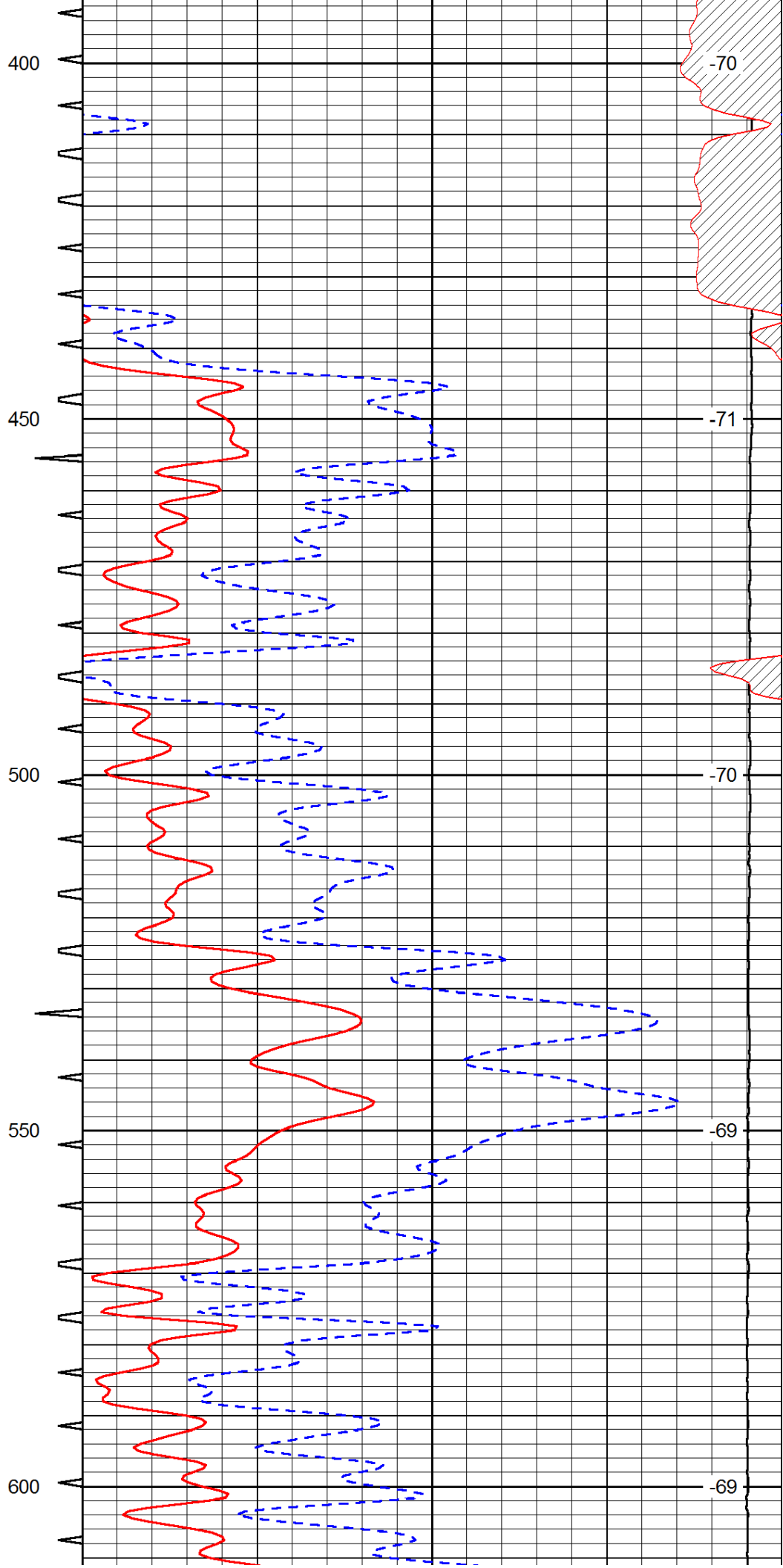
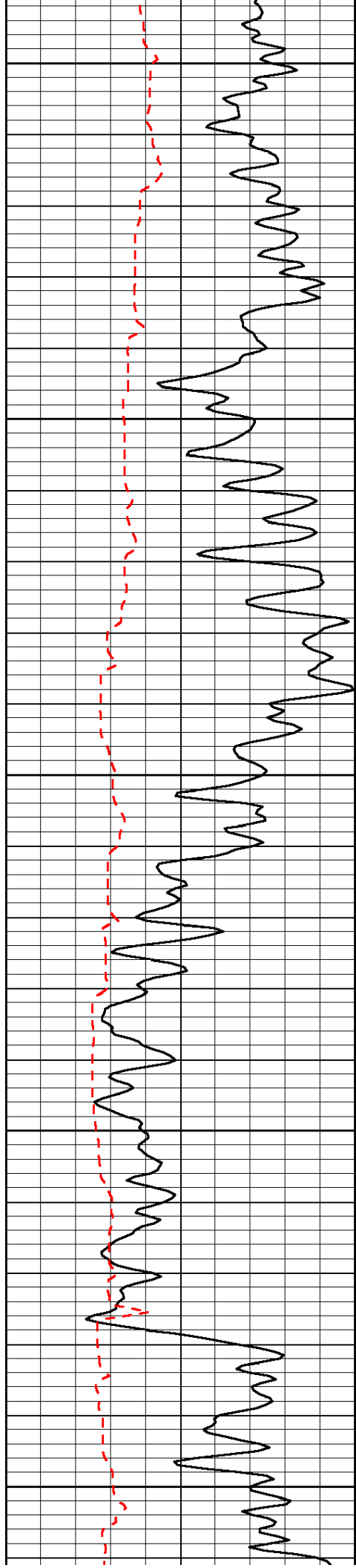
Comments

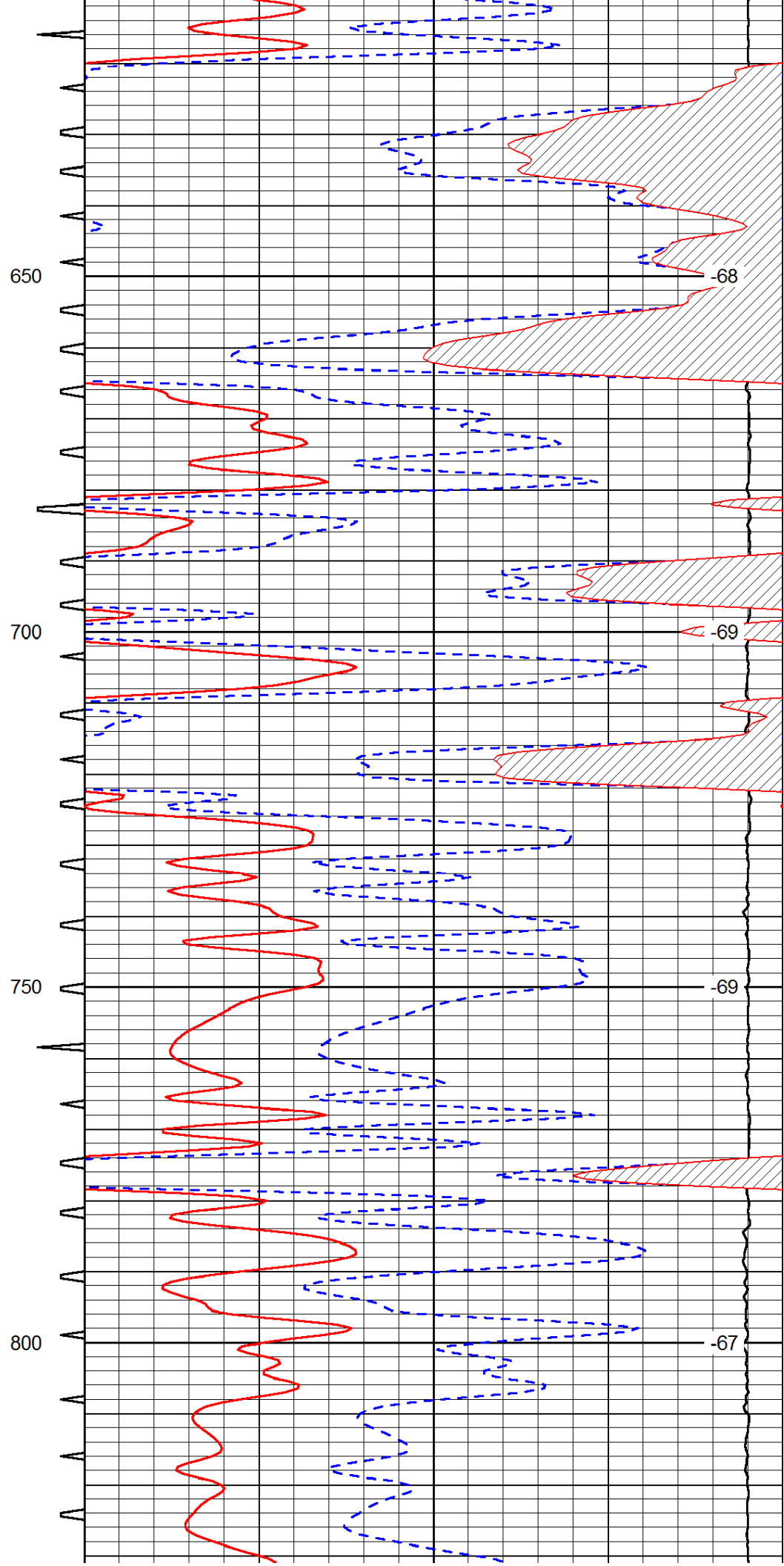
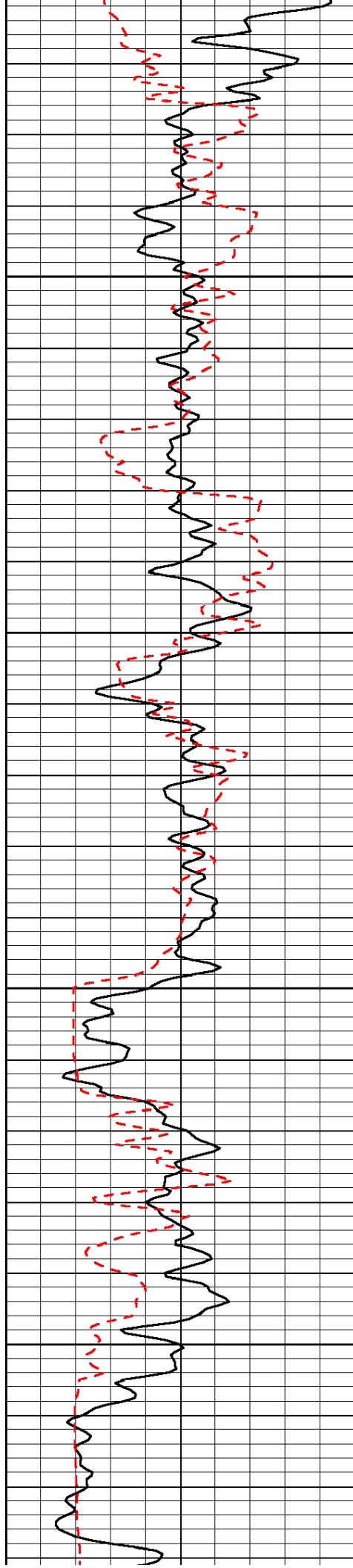
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858
Palco,
West on Hwy 18 to S RD,
1 East,
North Into

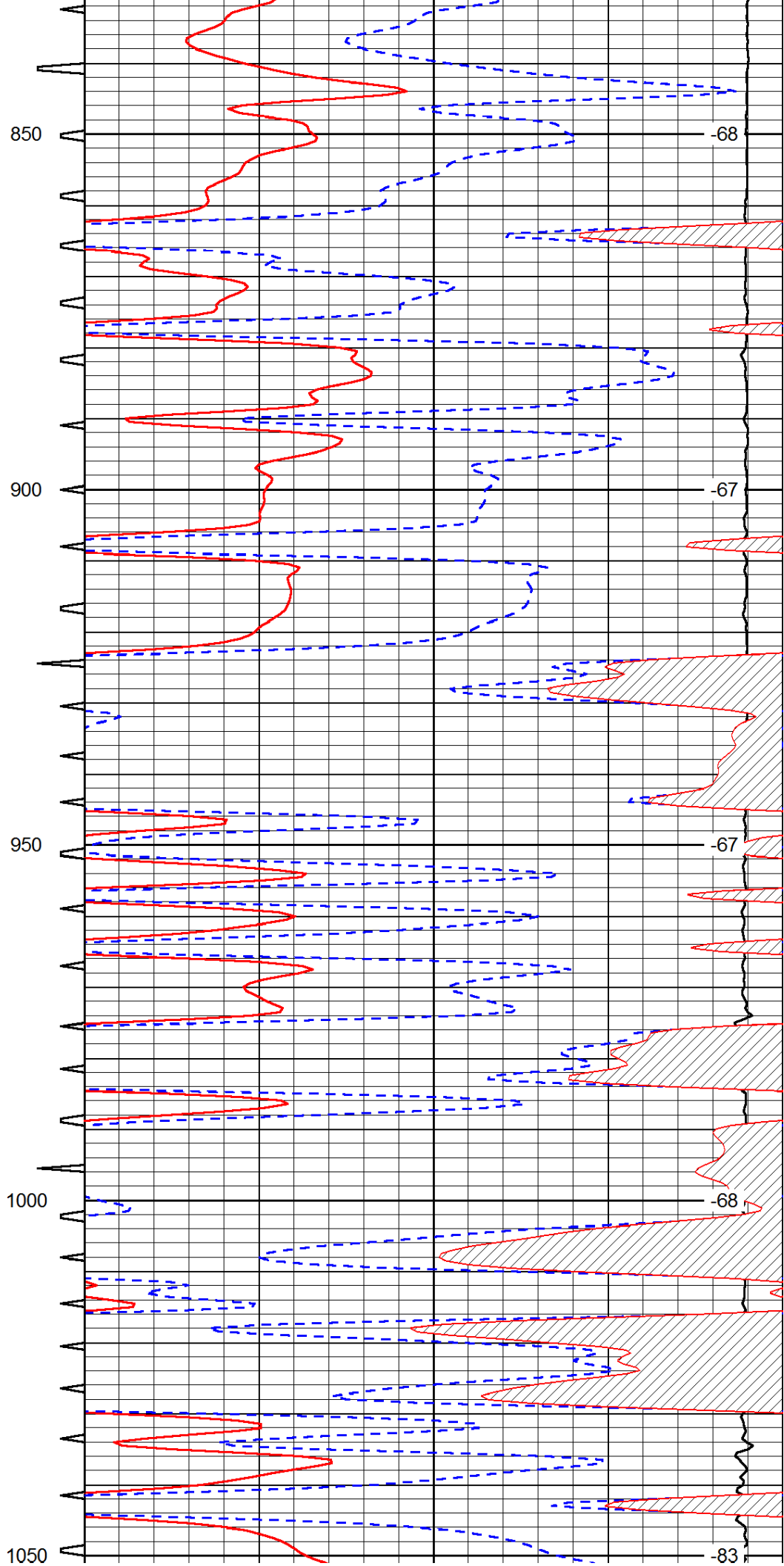
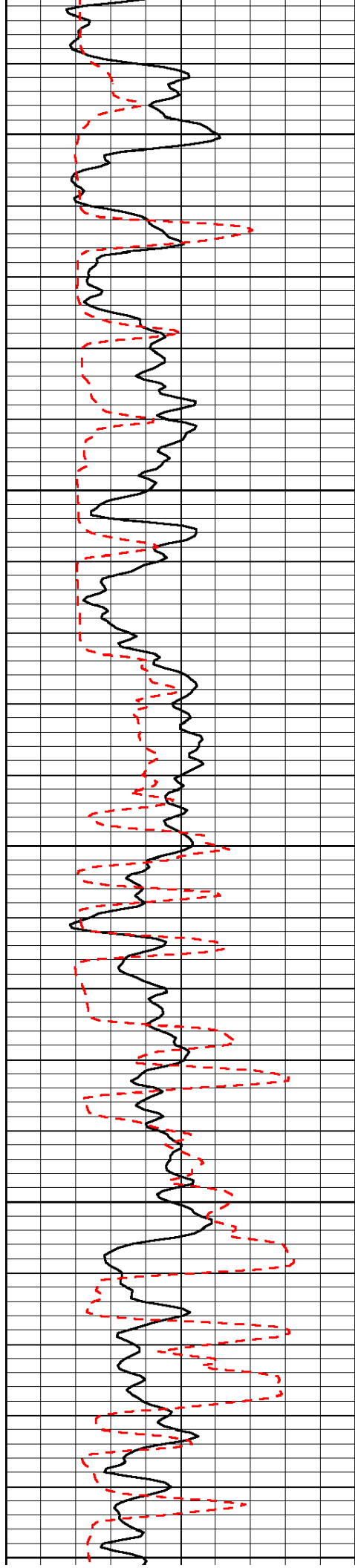
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Presentation Format: sonic
Dataset Creation: Tue Sep 16 07:38:30 2014
Charted by: Depth in Feet scaled 1:240

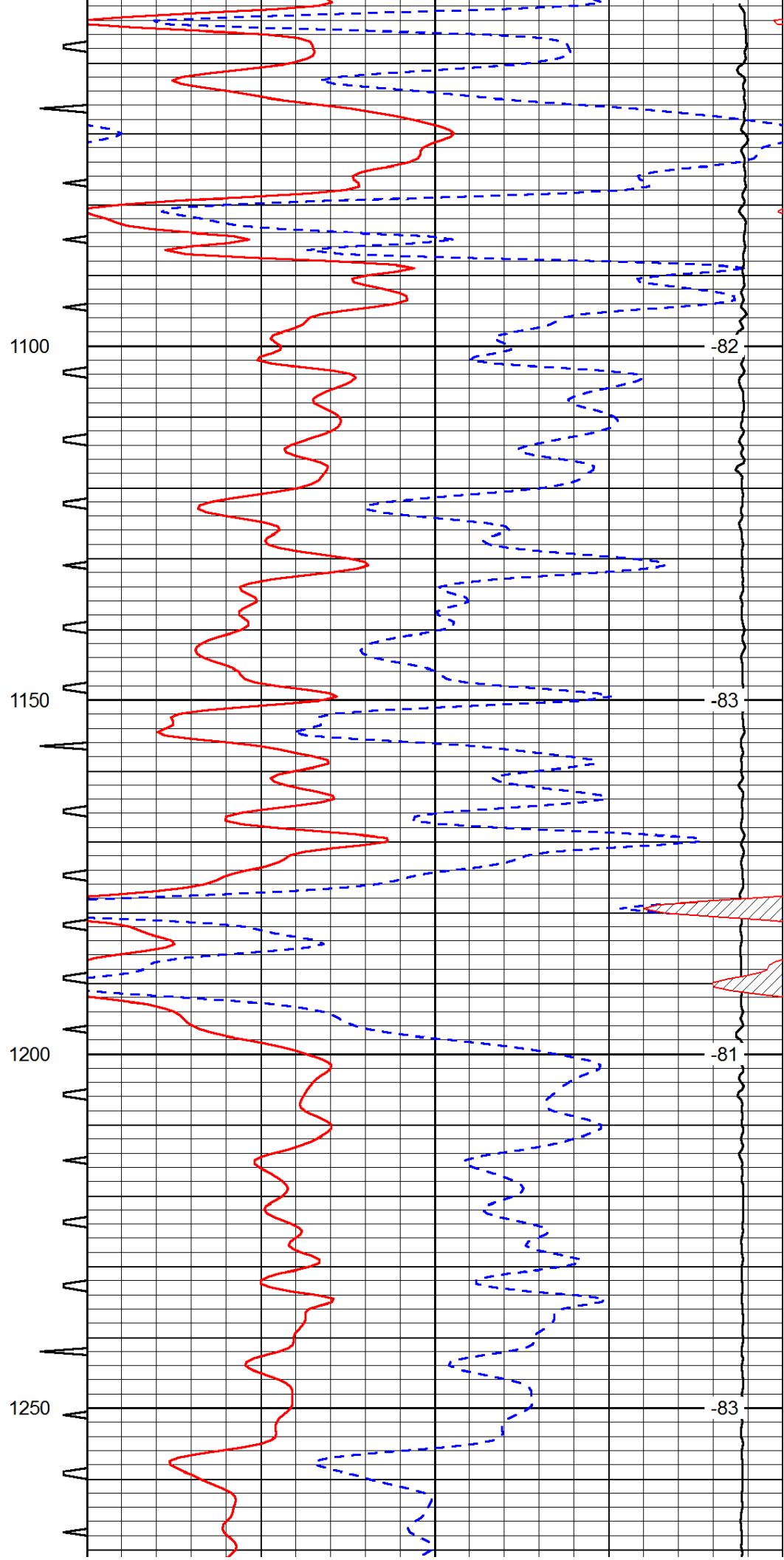
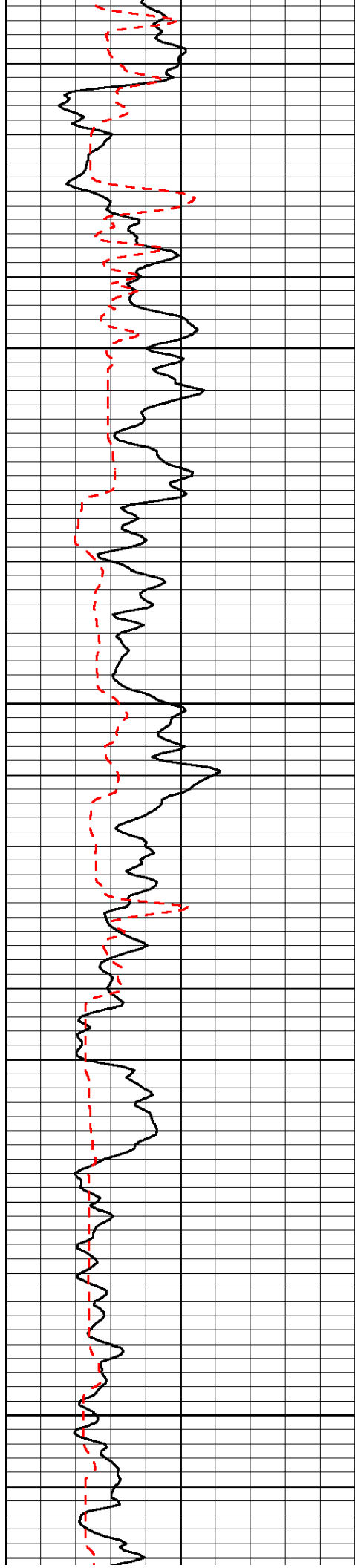
Charted by:		Depth in Feet scaled 1:2.16					
0	Gamma Ray	150	5	0	140	Delta Time (usec/ft)	40
150	Gamma Ray	300			30	SPOR	-10
6	Caliper (GAPI)	16			15000	LTEN (lb)	0
							LSPD

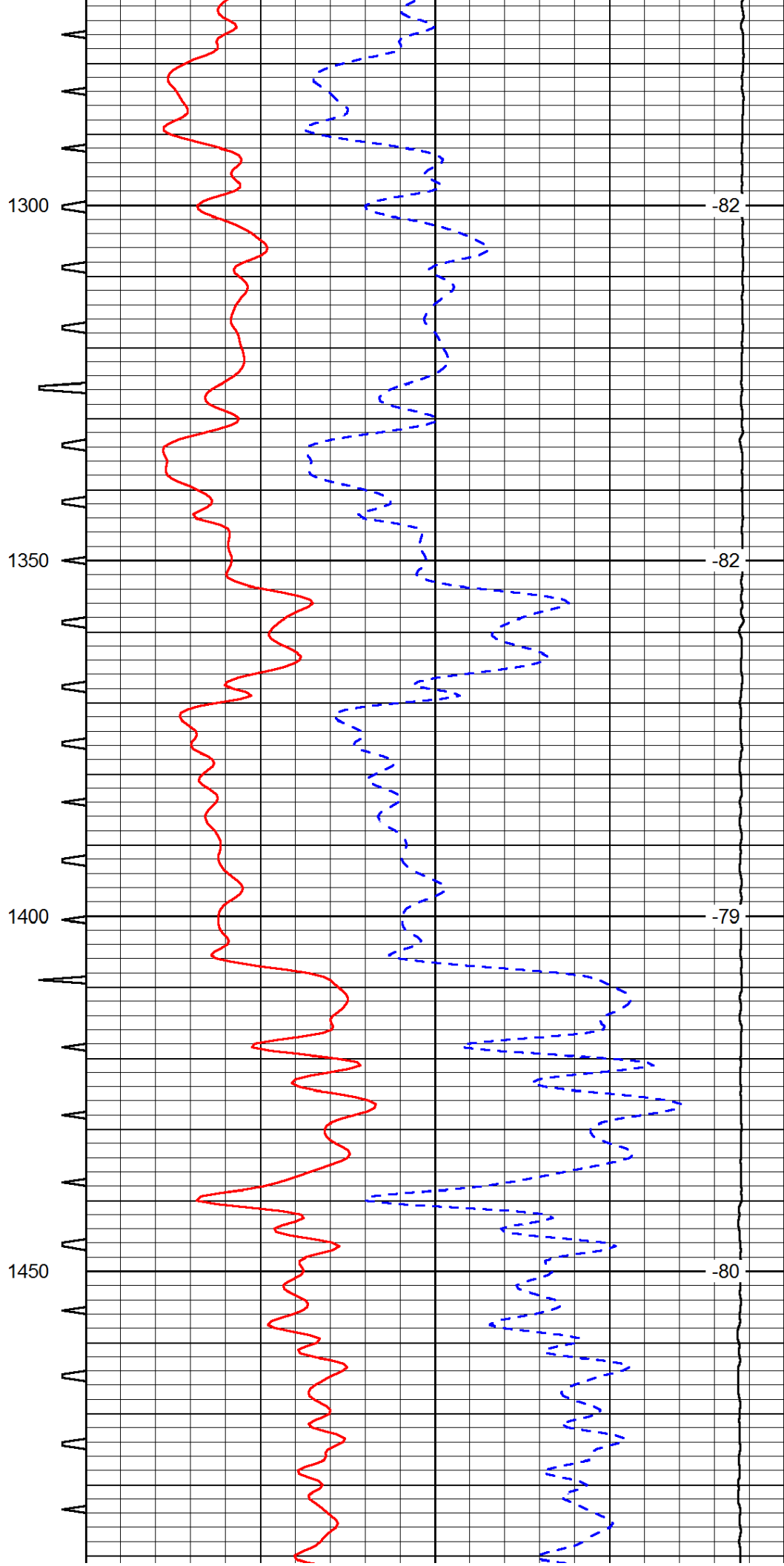
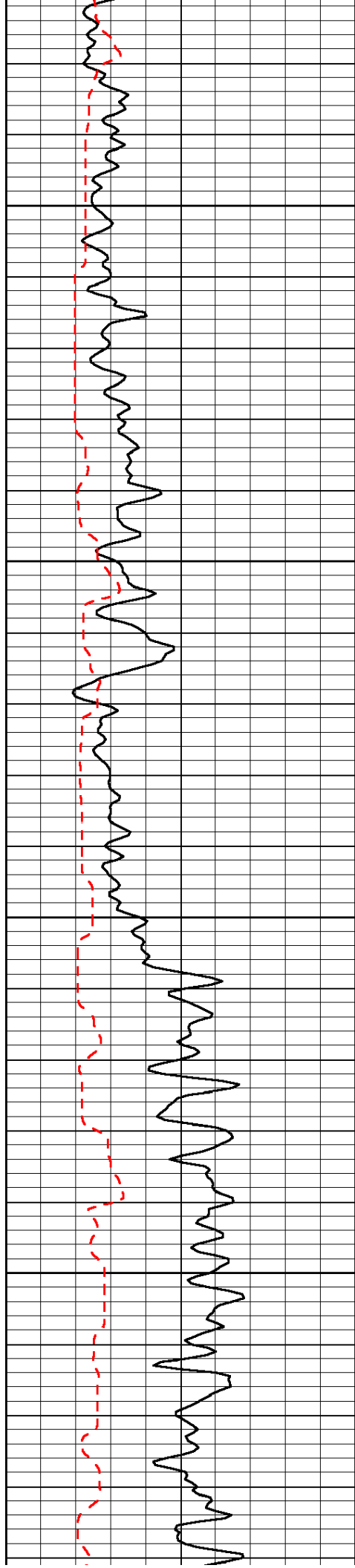


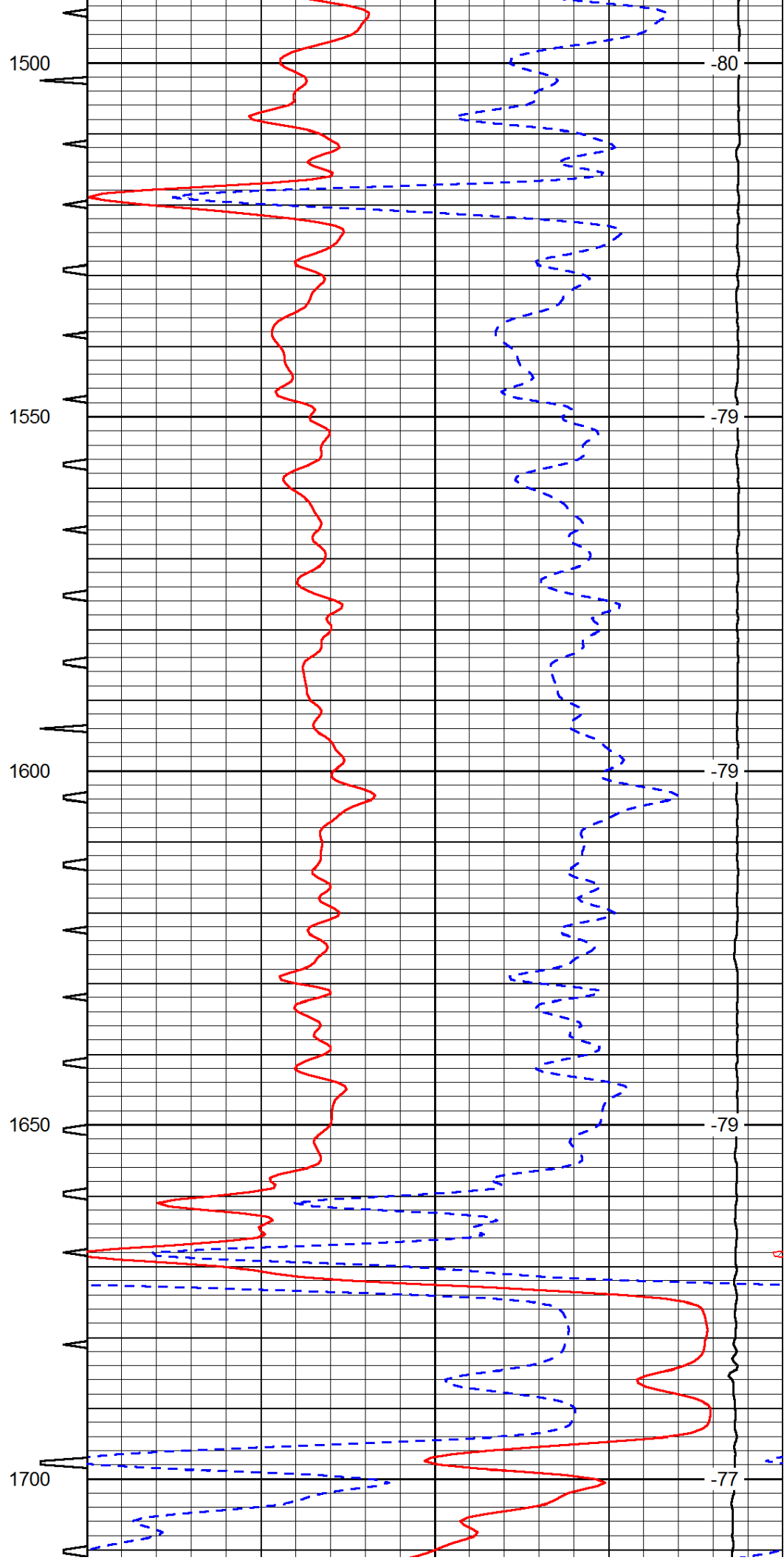
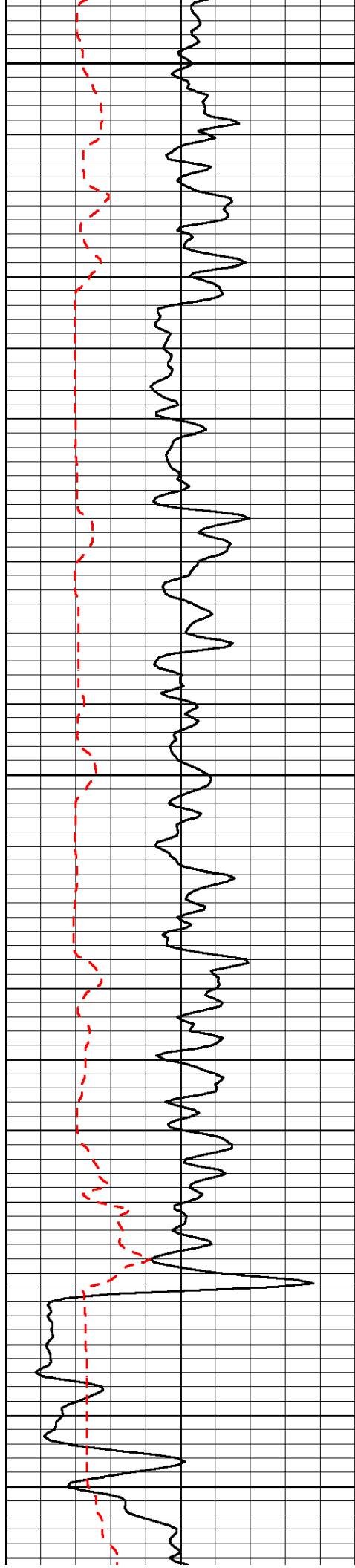


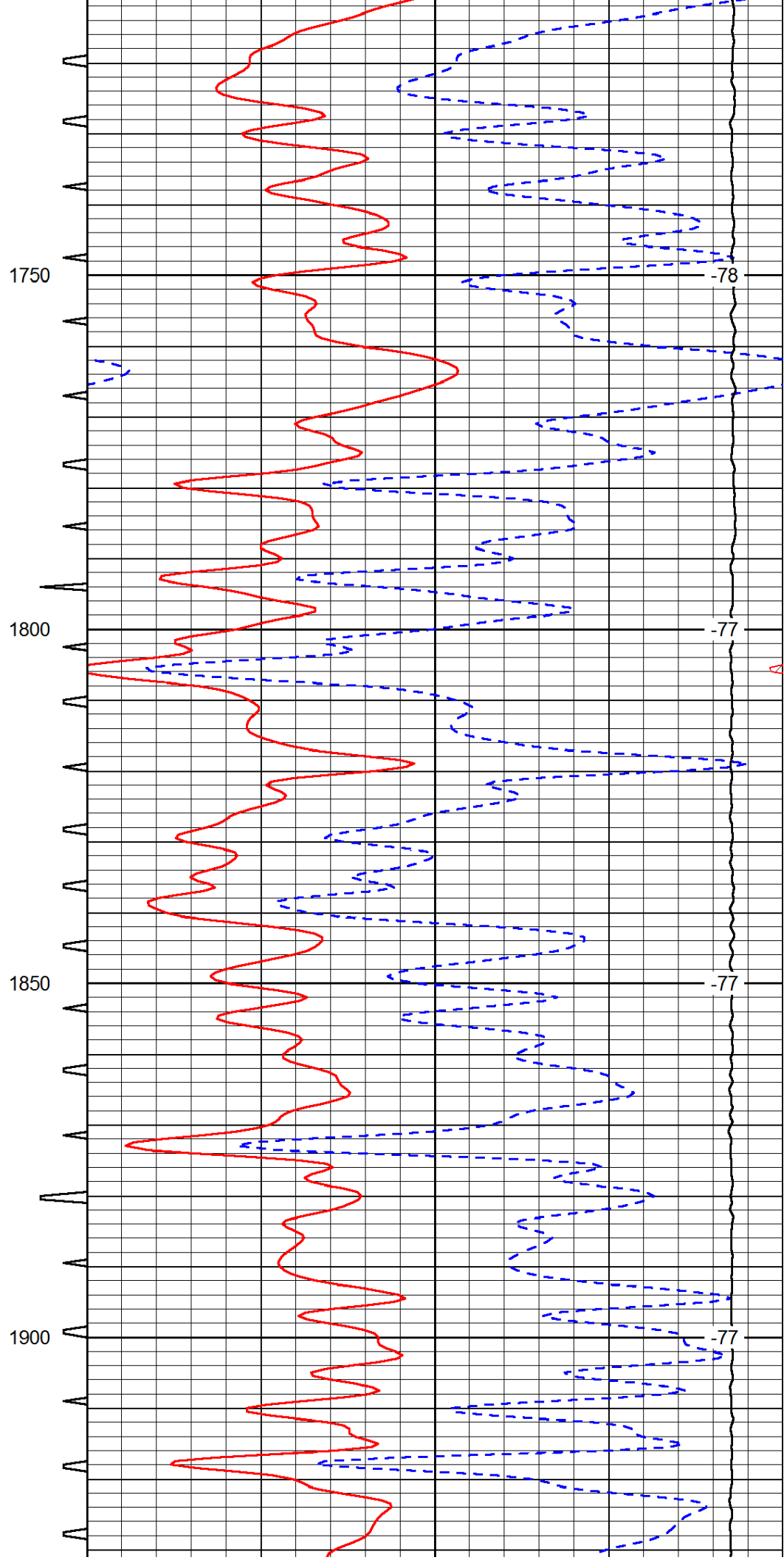
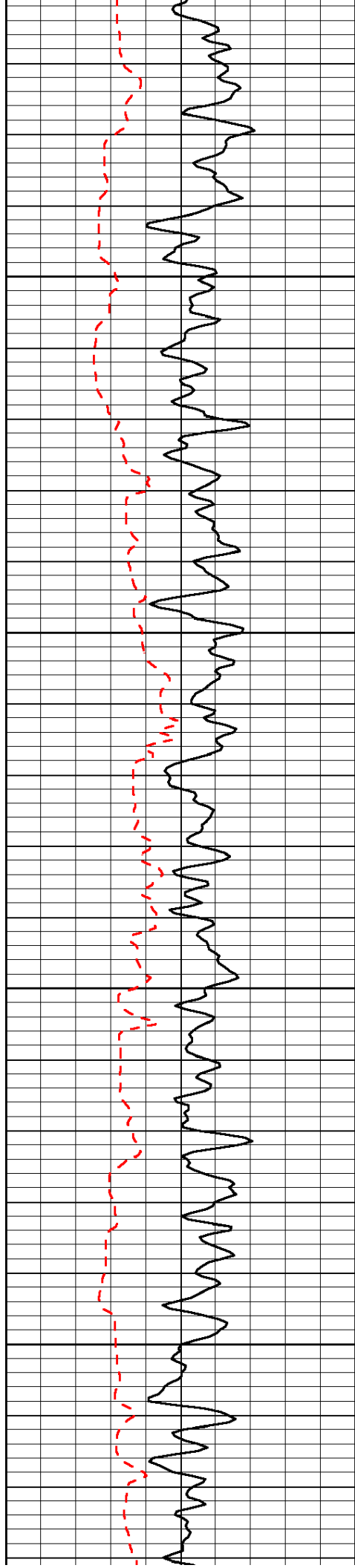


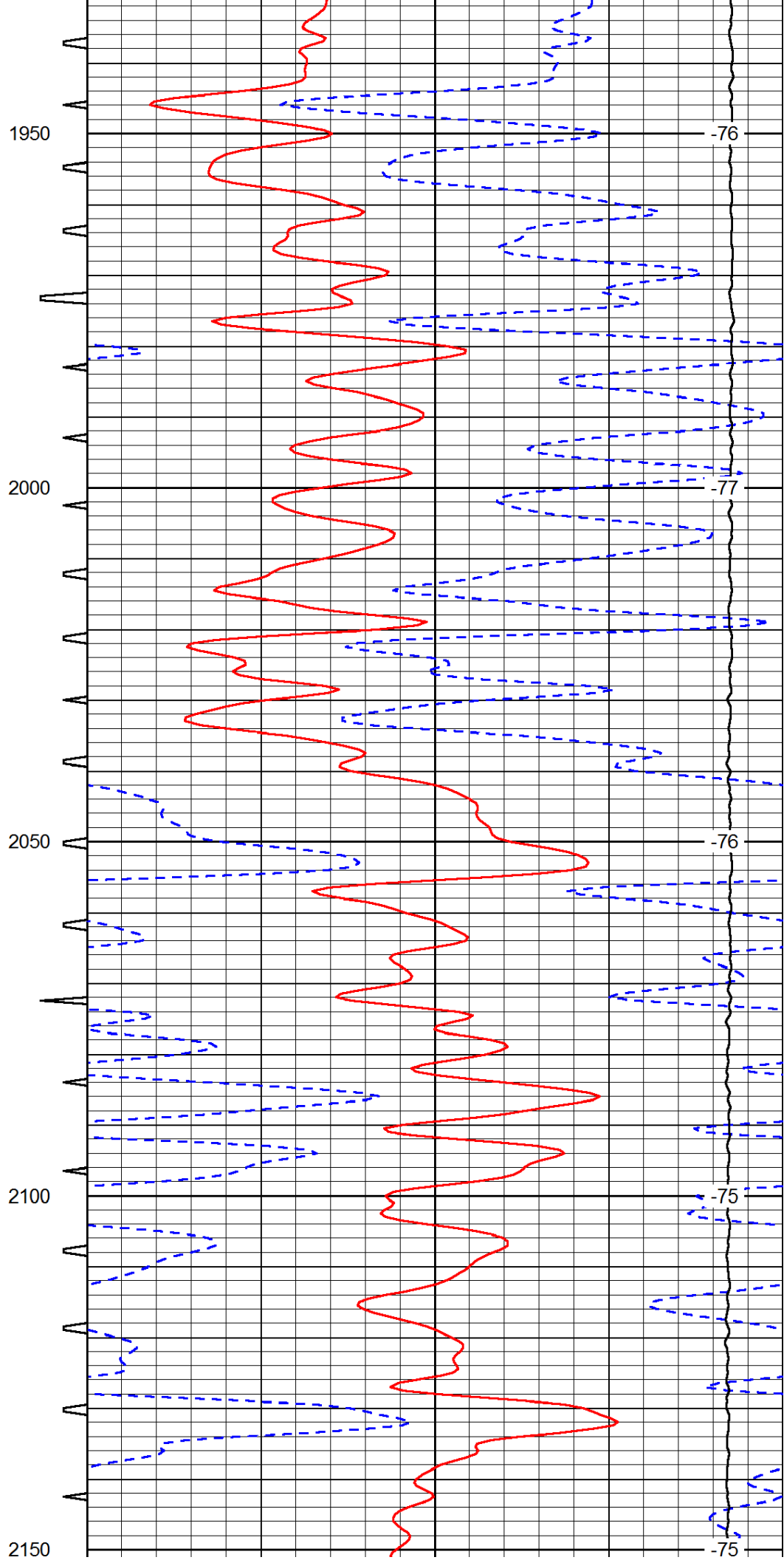
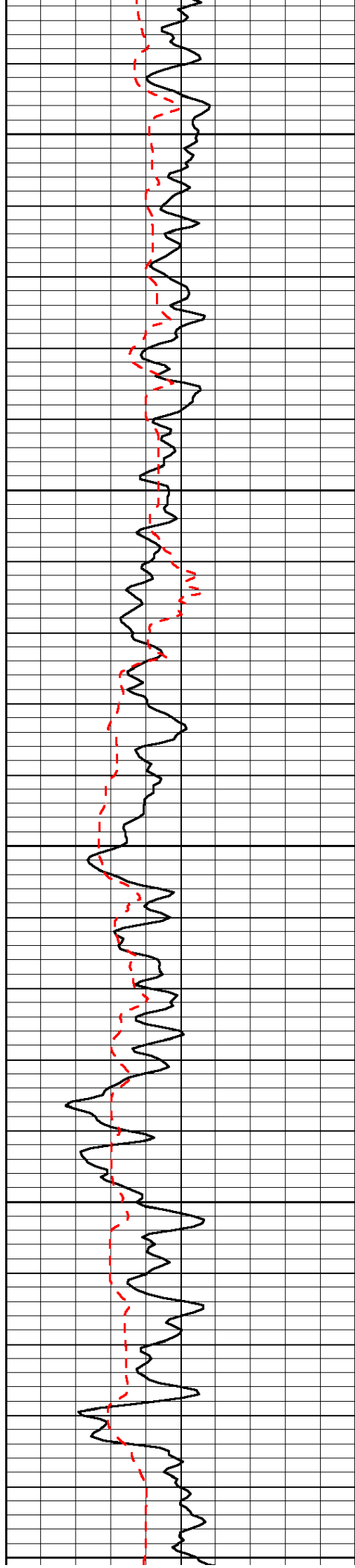


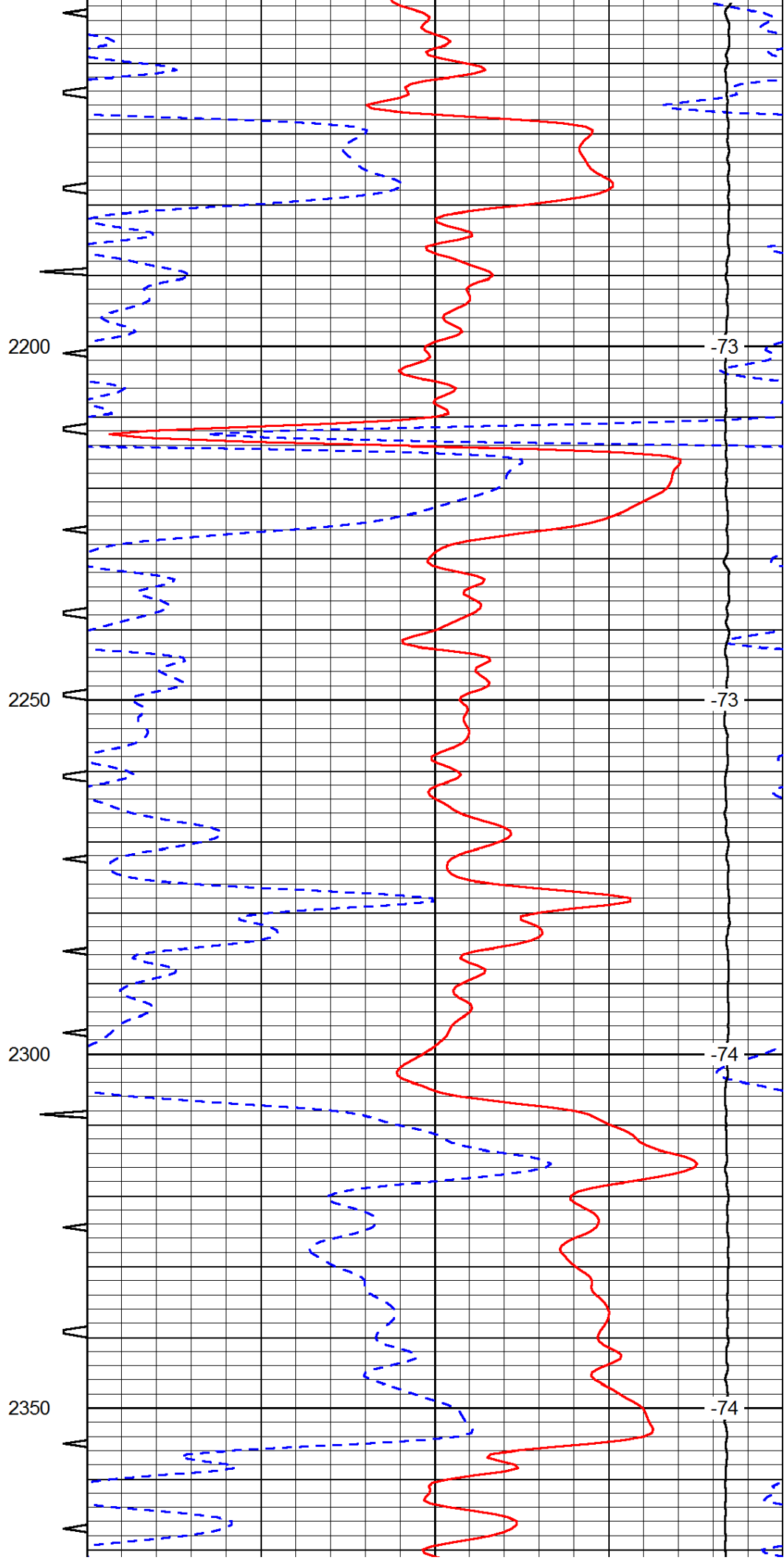
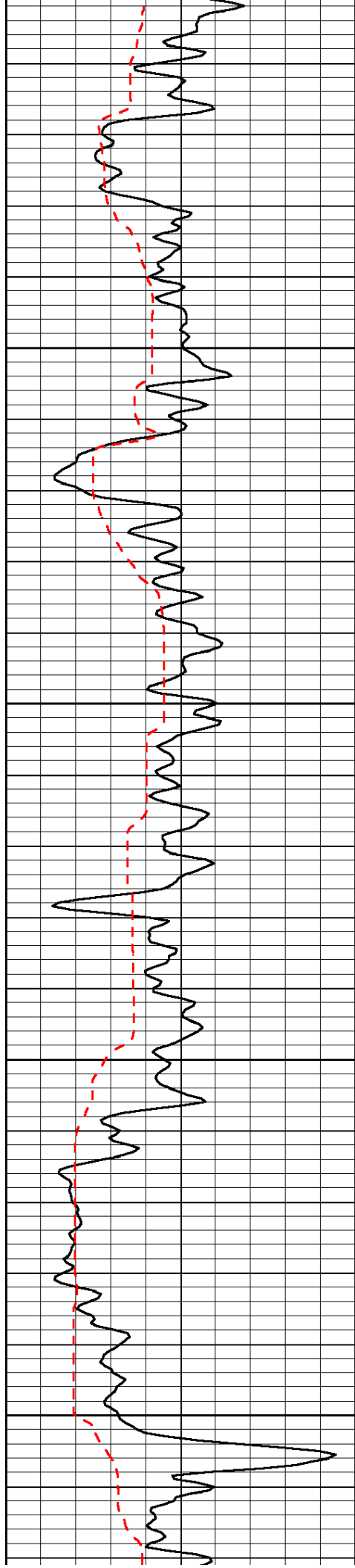


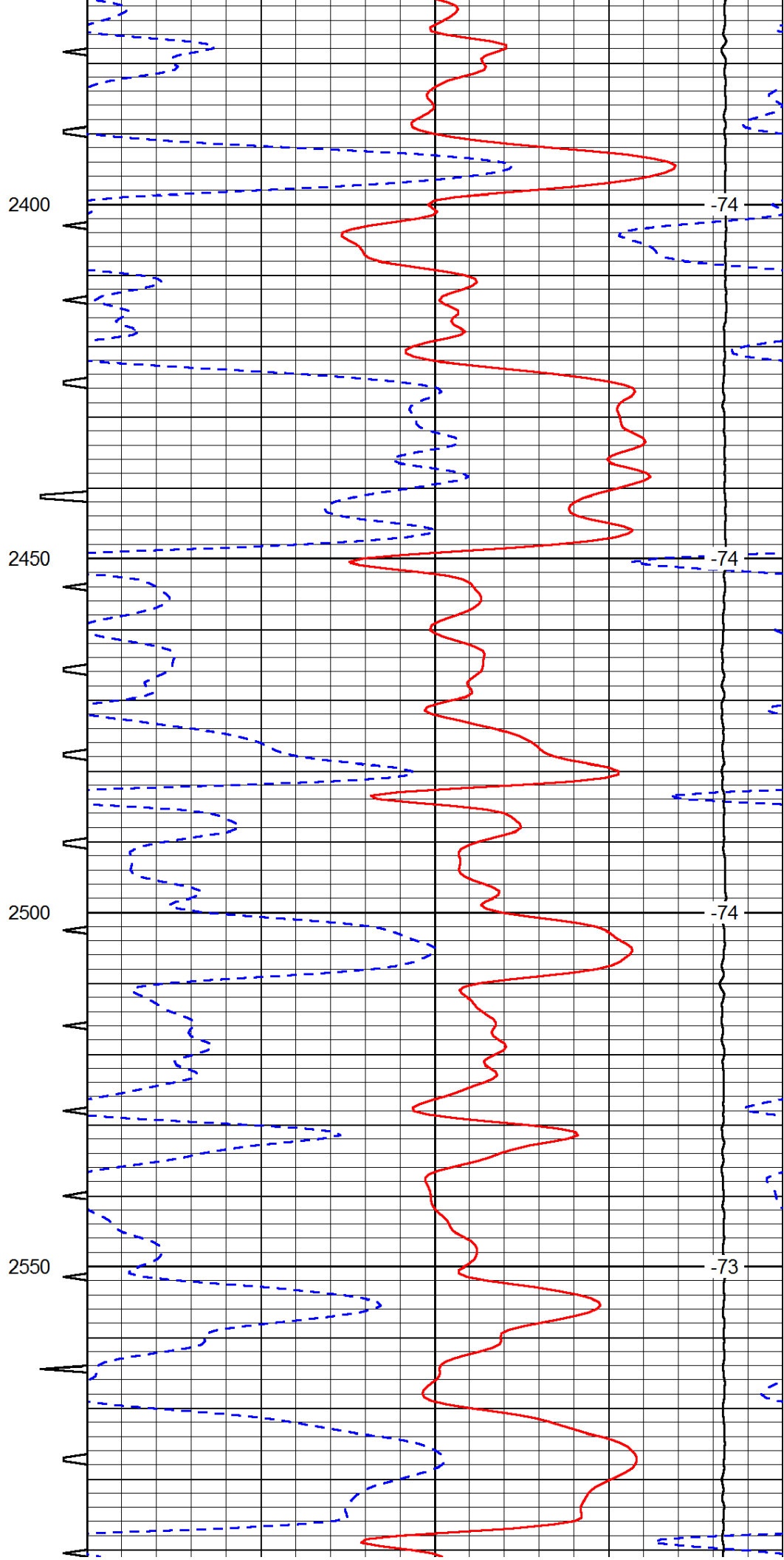
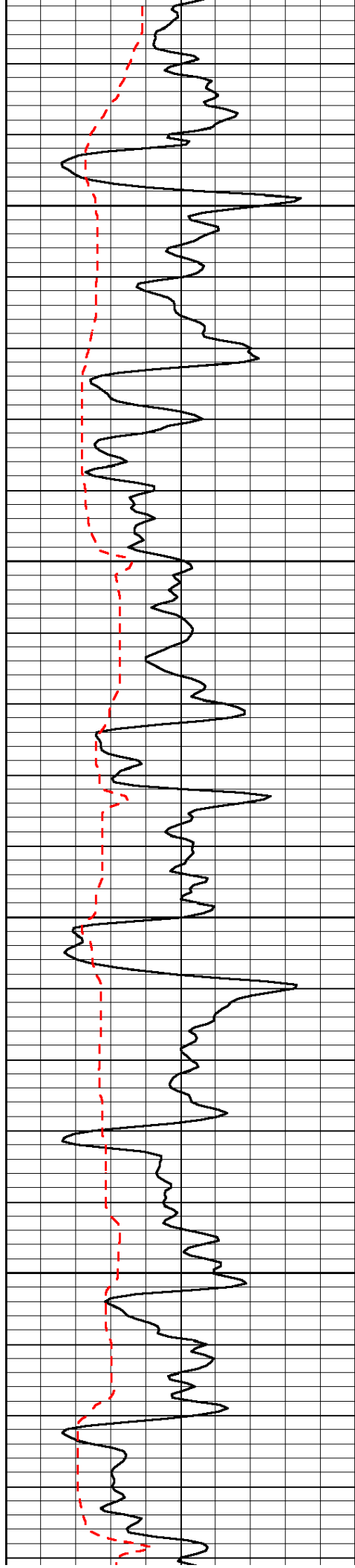


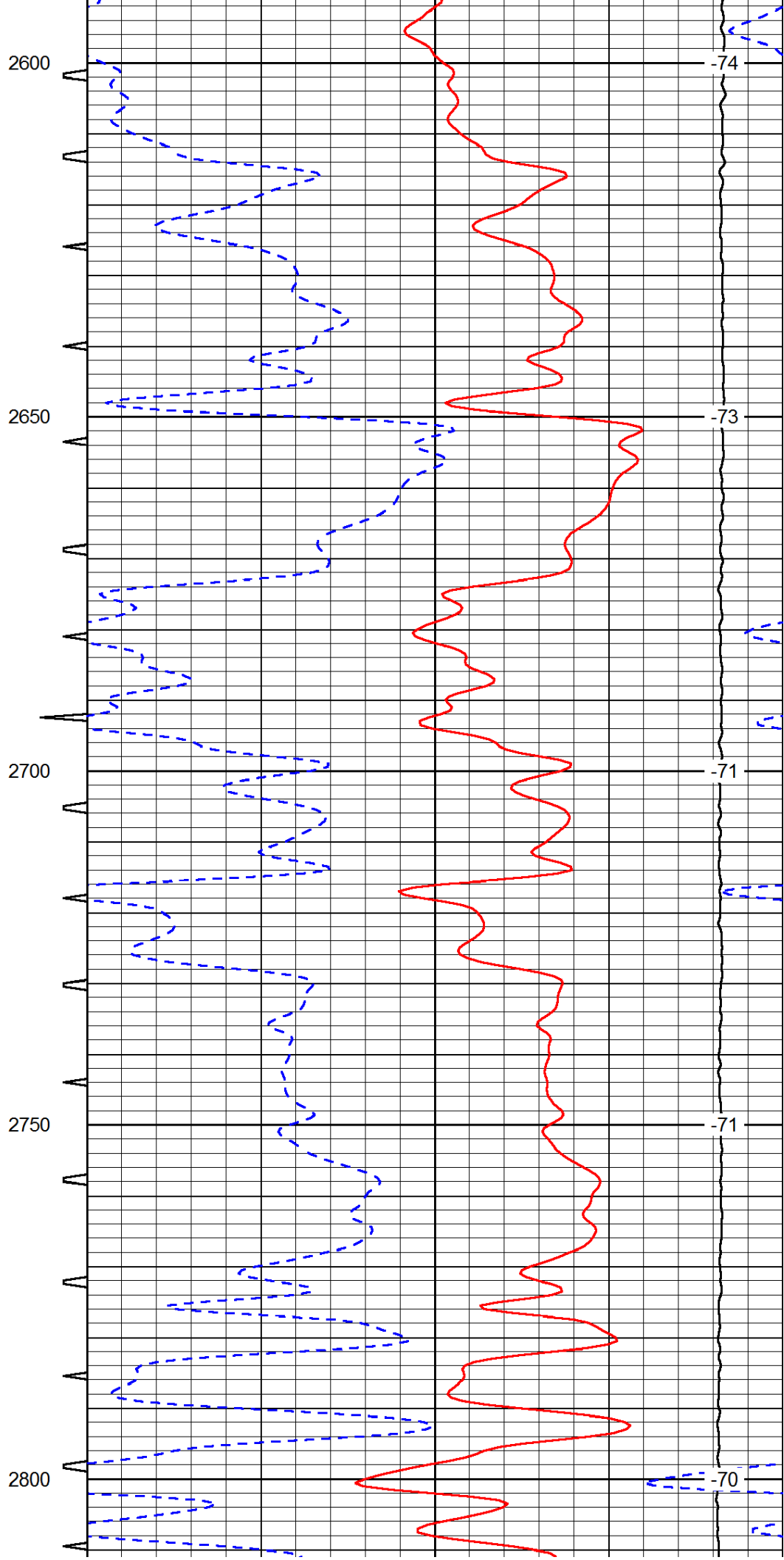
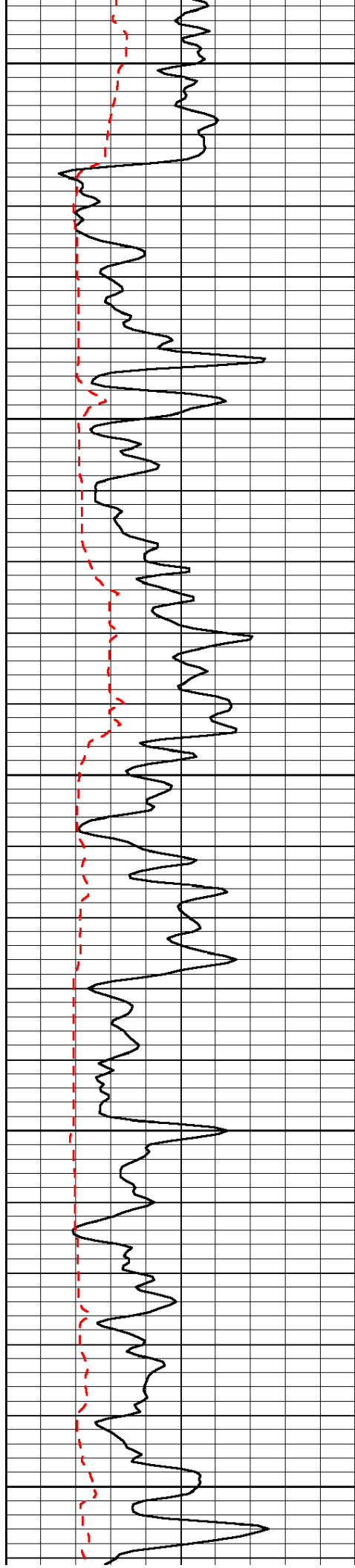


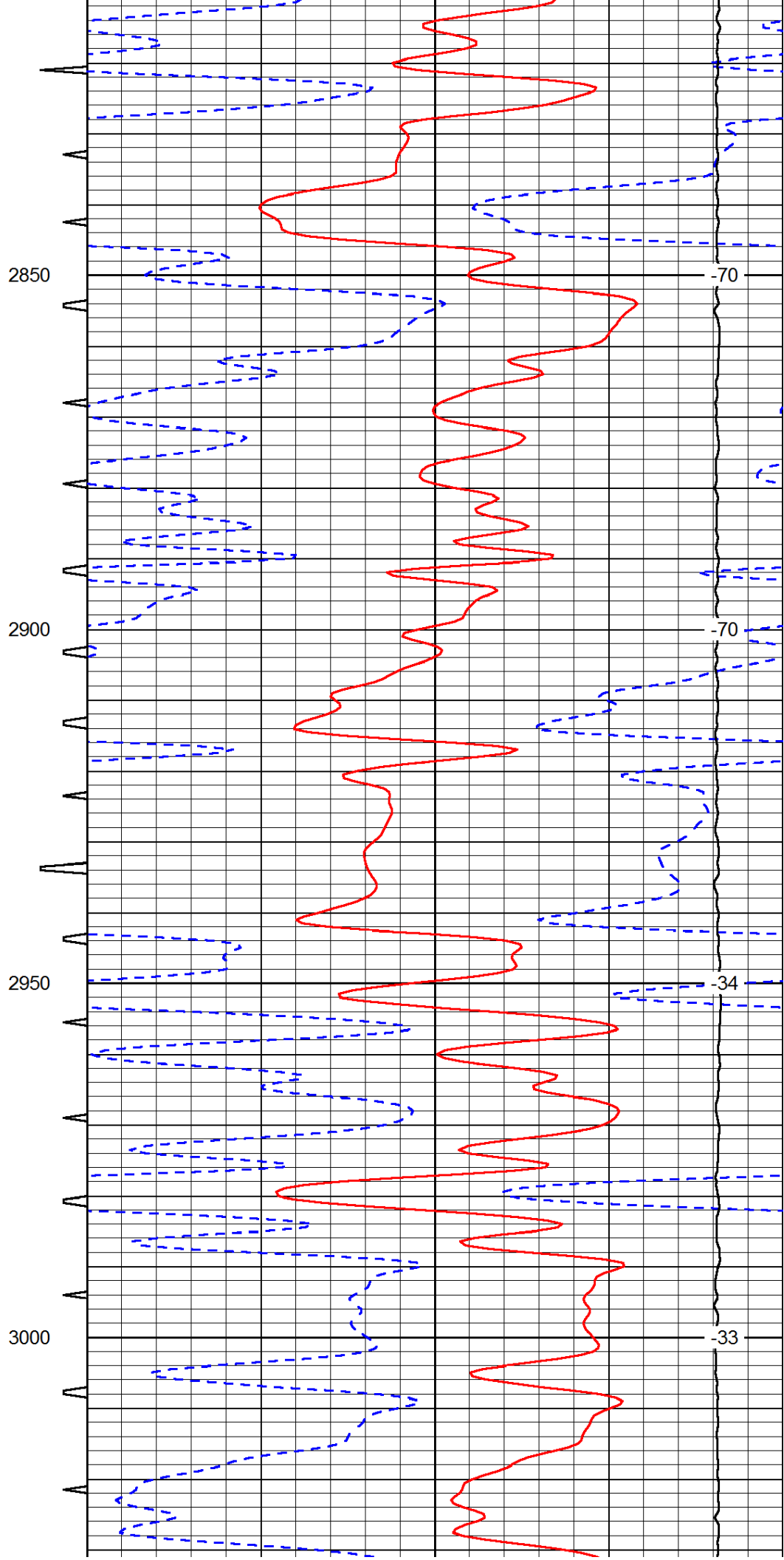
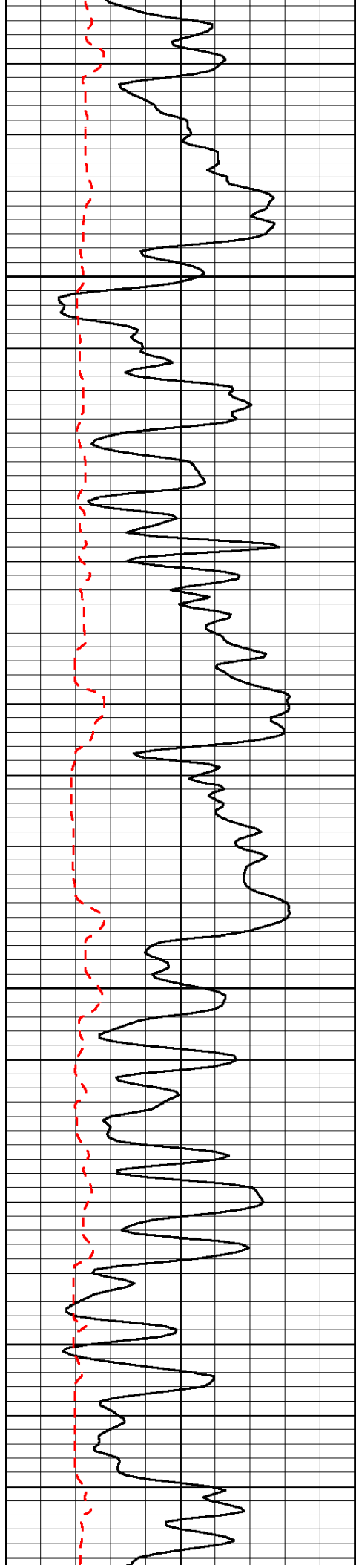


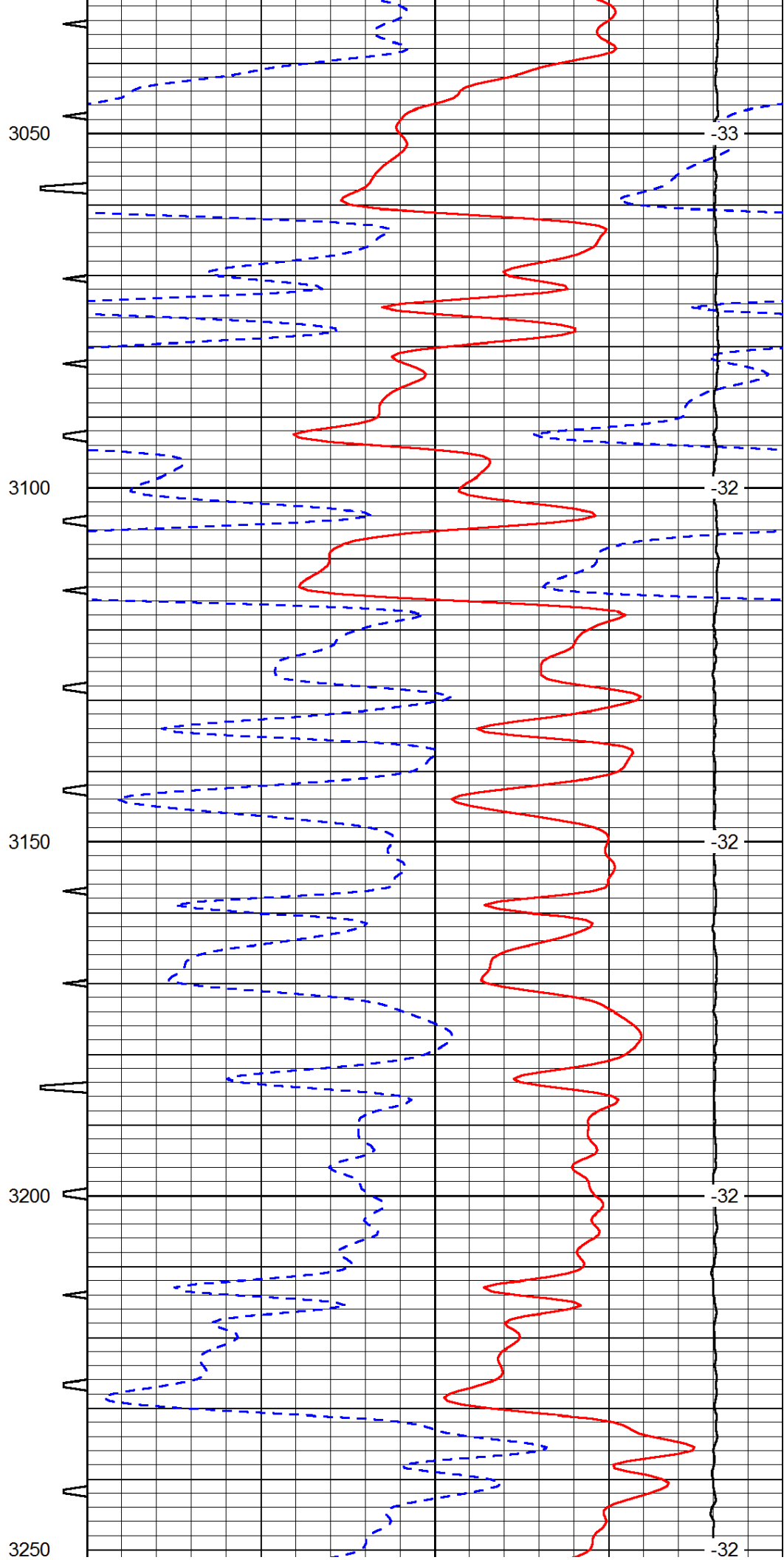
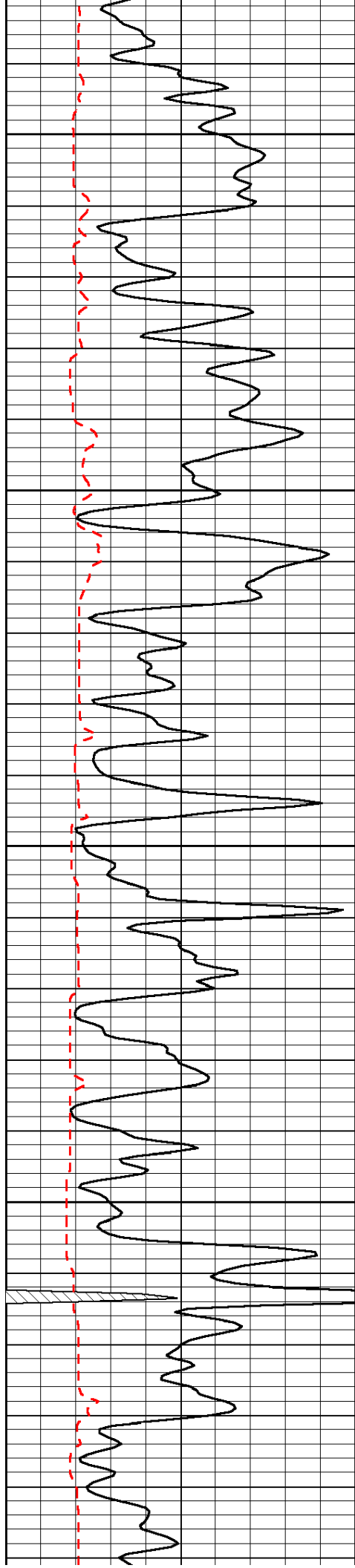


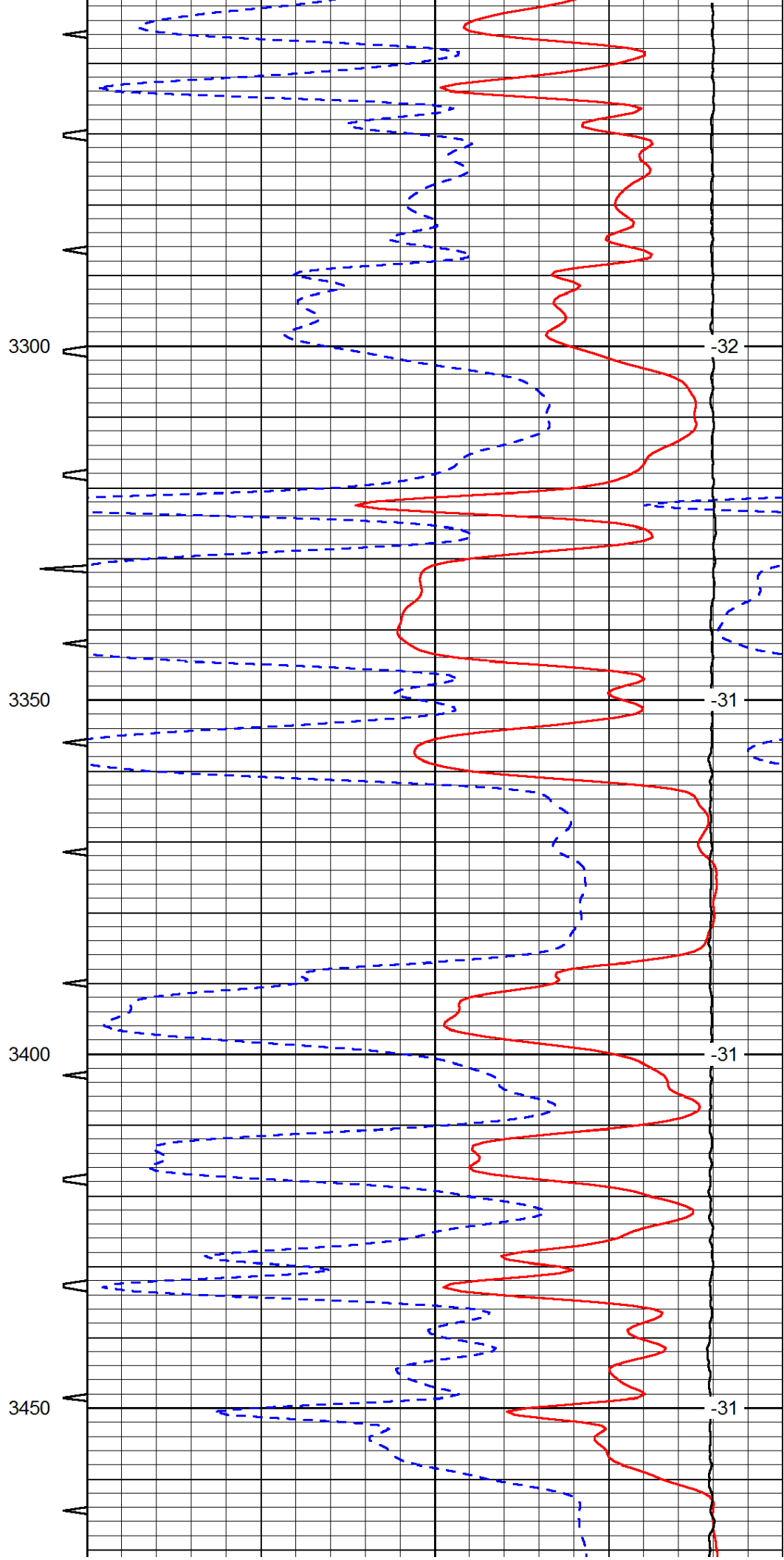
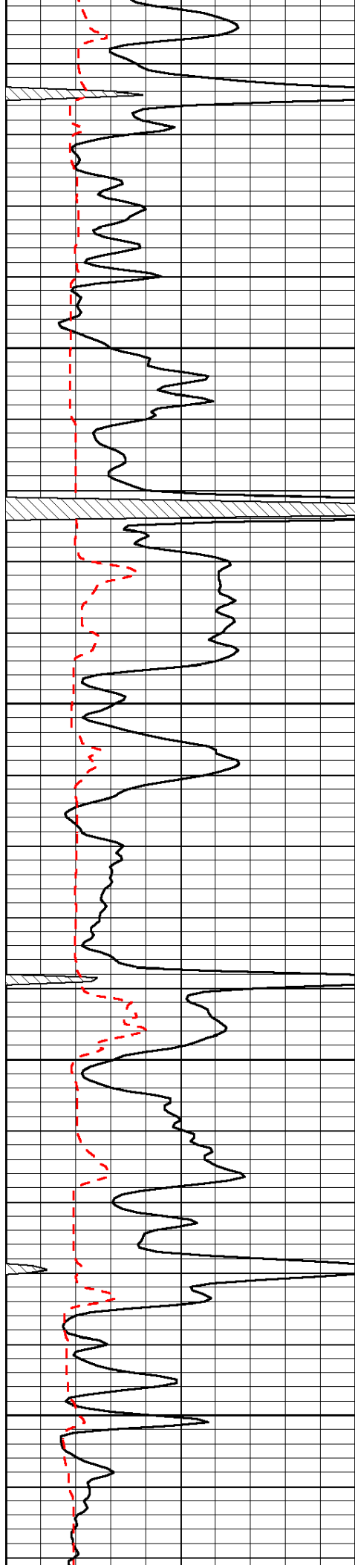


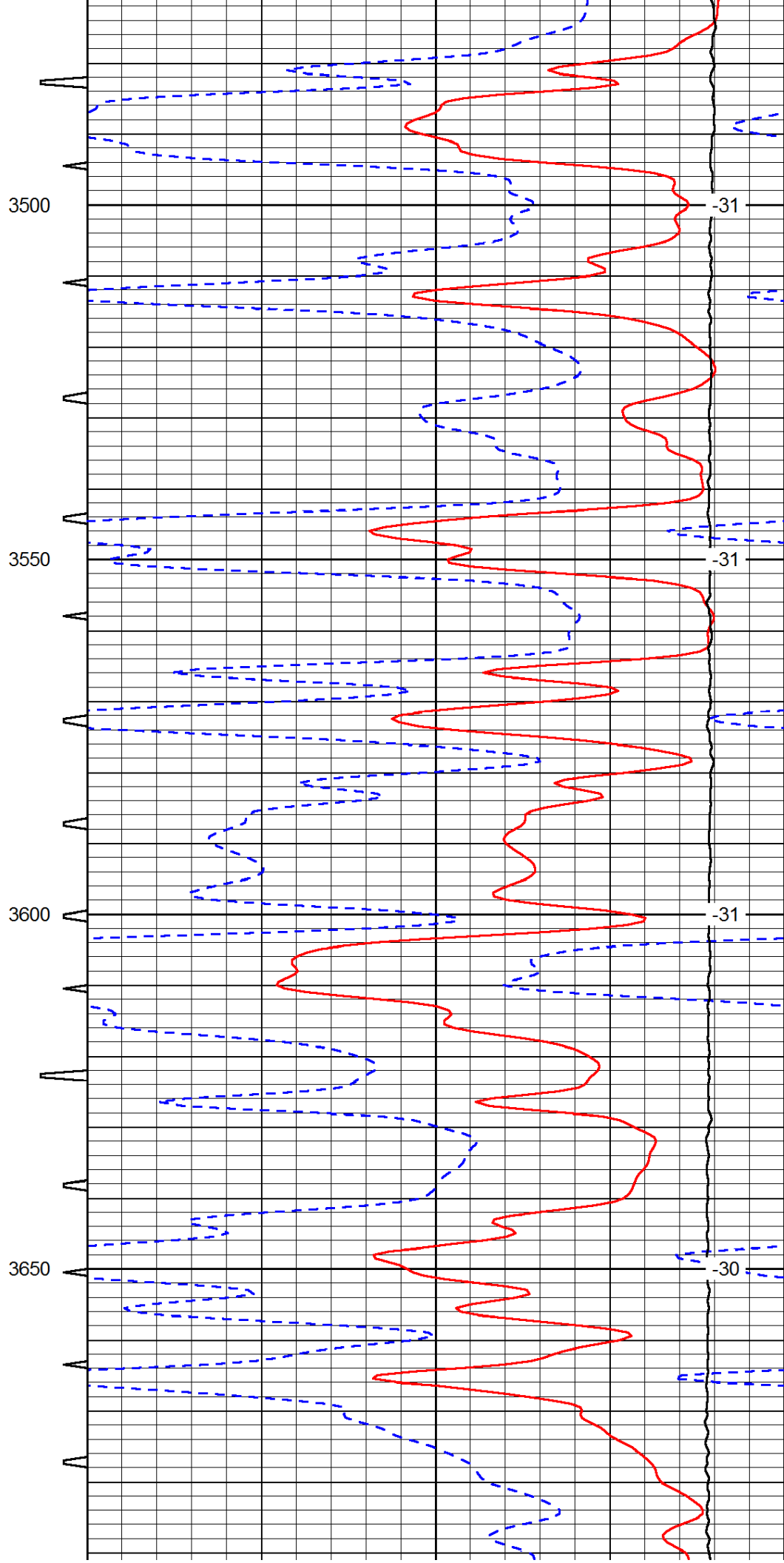
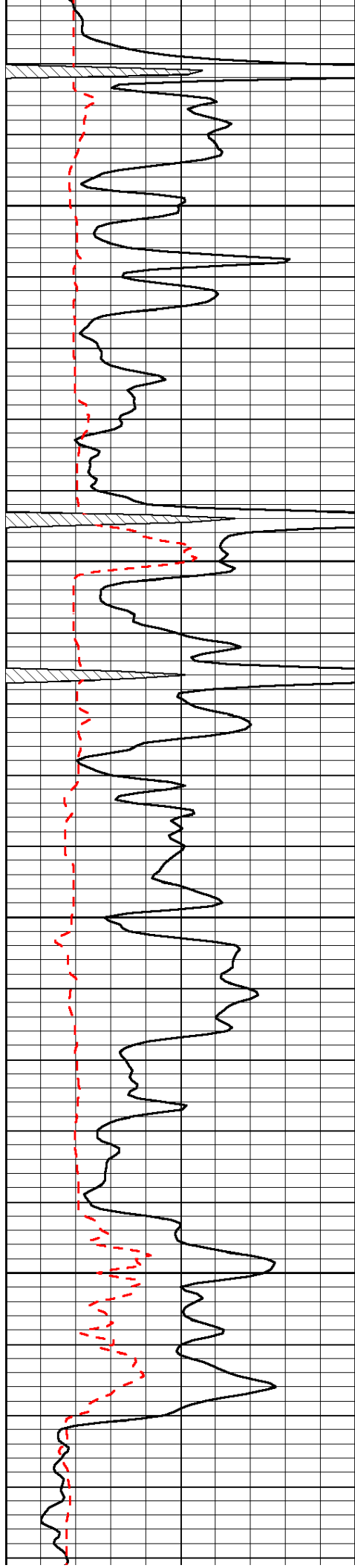


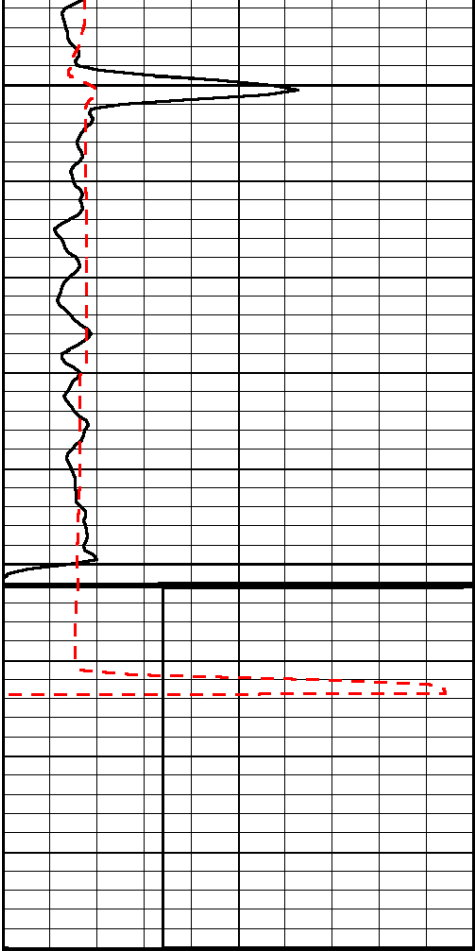




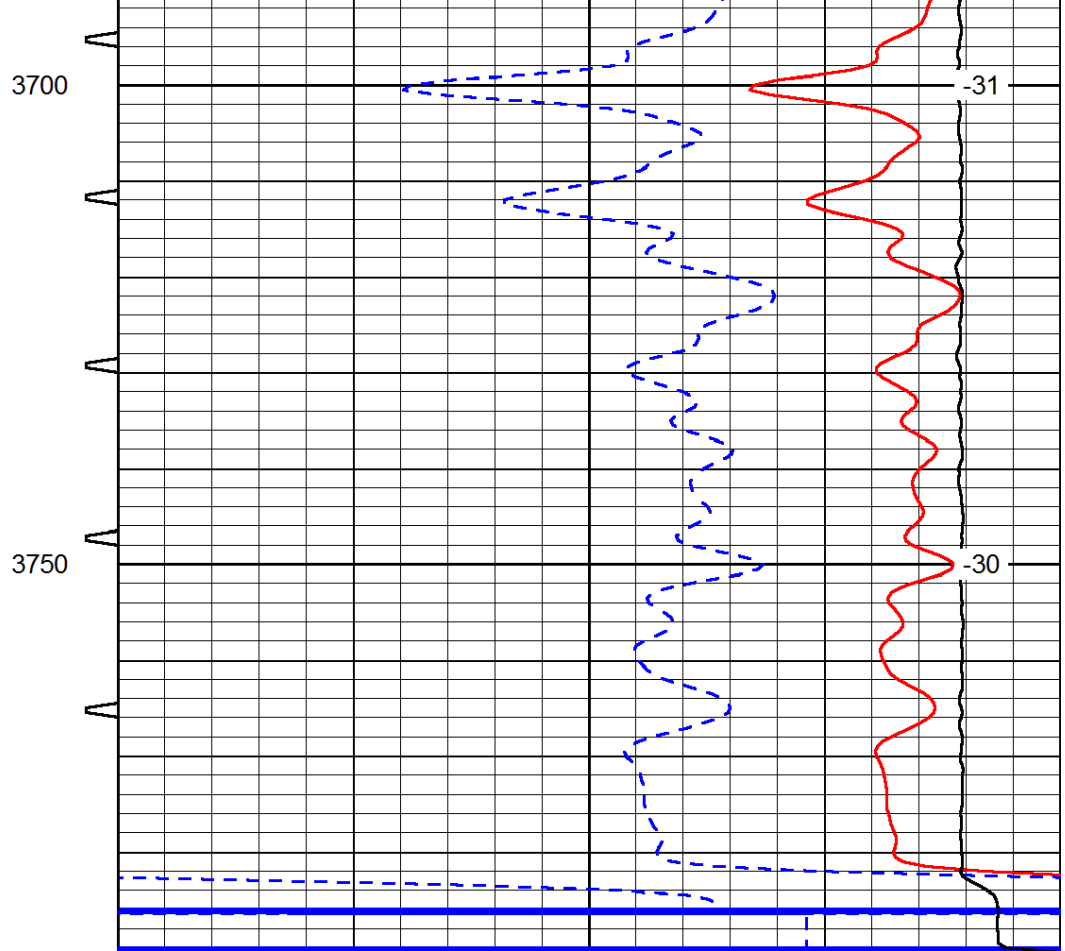








0	Gamma Ray	150
150	Gamma Ray	300
6	Caliper (GAPI)	16



Sonic Int	140	Delta Time (usec/ft)	40
5	0	SPOR	-10
	15000	LTEN (lb)	0

LSPD