



PIONEER

Pioneer Energy Services

Borehole Compensated Sonic Log

API No.

15-185-23,878-00-00

Company **Murfin Drilling Company, Inc.**

Well **Pound No.1-34**

Field **Mike's Meteor**

County **Stafford** State **Kansas**

Location **330' FSL & 330' FEL**

Sec: 32

Twp: 22S

Rge: 12W

Other Services
CNL/CDL
MEL/DIL

Permanent Datum Ground Level Elevation 1831

Log Measured From Kelly Bushing 11 Ft. Above Perm. Datum

K.B. 1842
D.F.
G.L. 1831

Date 8/13/2014

Run Number Two

Type Log BHC Sonic

Depth Driller 3910

Depth Logger 3903

Bottom Logged Interval 3892

Top Logged Interval 600

Type Fluid In Hole Chemical

Salinity, PPM CL 15,200

Density 9.35

Level Full

Max. Rec. Temp. F 115

Operating Rig Time 4 1/2 Hours

Equipment -- Location 10 Hays

Recorded By C. Desaire

Witnessed By Chuck Schmalz

Borehole Record

Casing Record

Run No	Bit	From	To	Size	Wgt.	From	To
One	12.25	00	643	8.625	23#	00	643
Two	7.875	643	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.

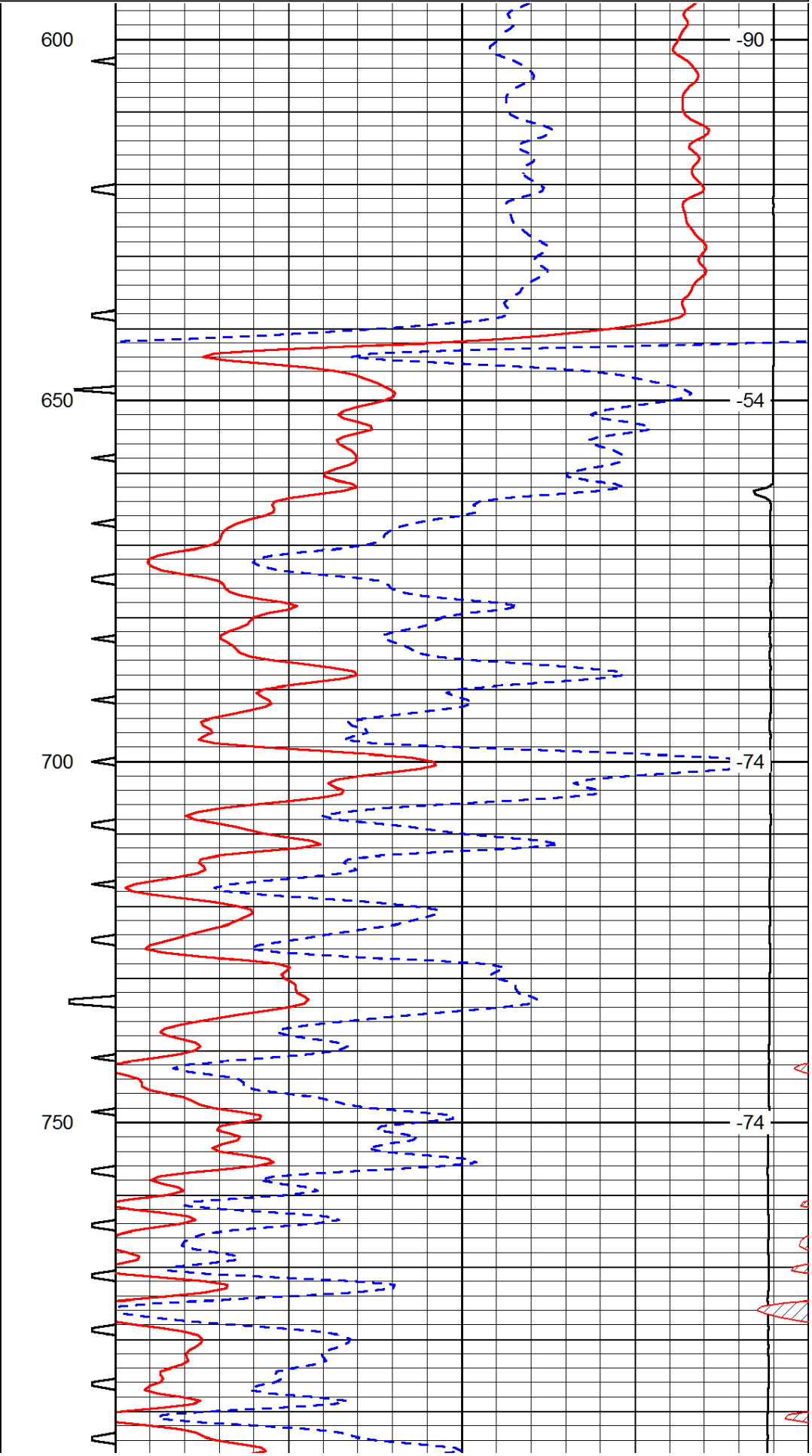
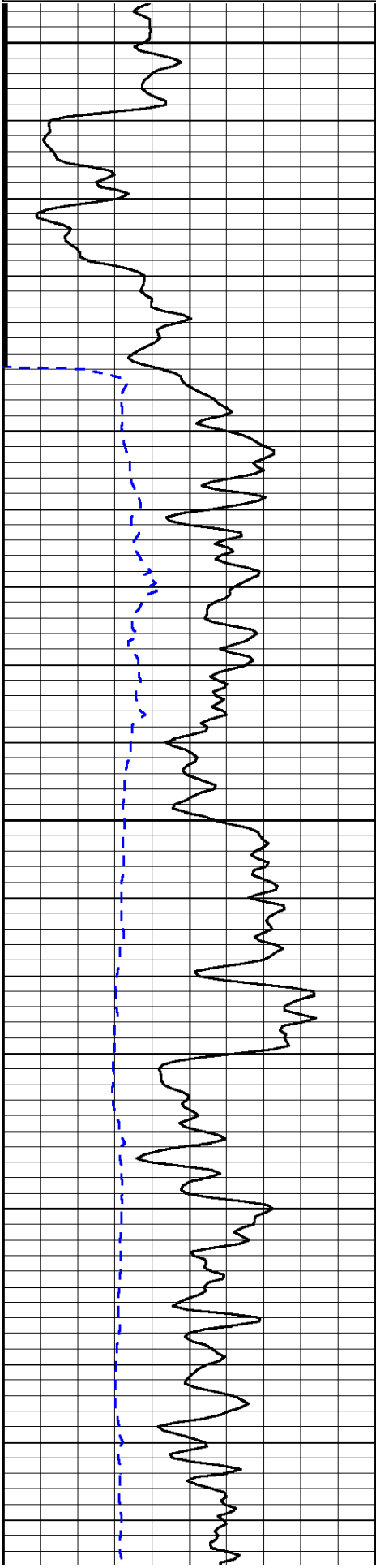
Comments

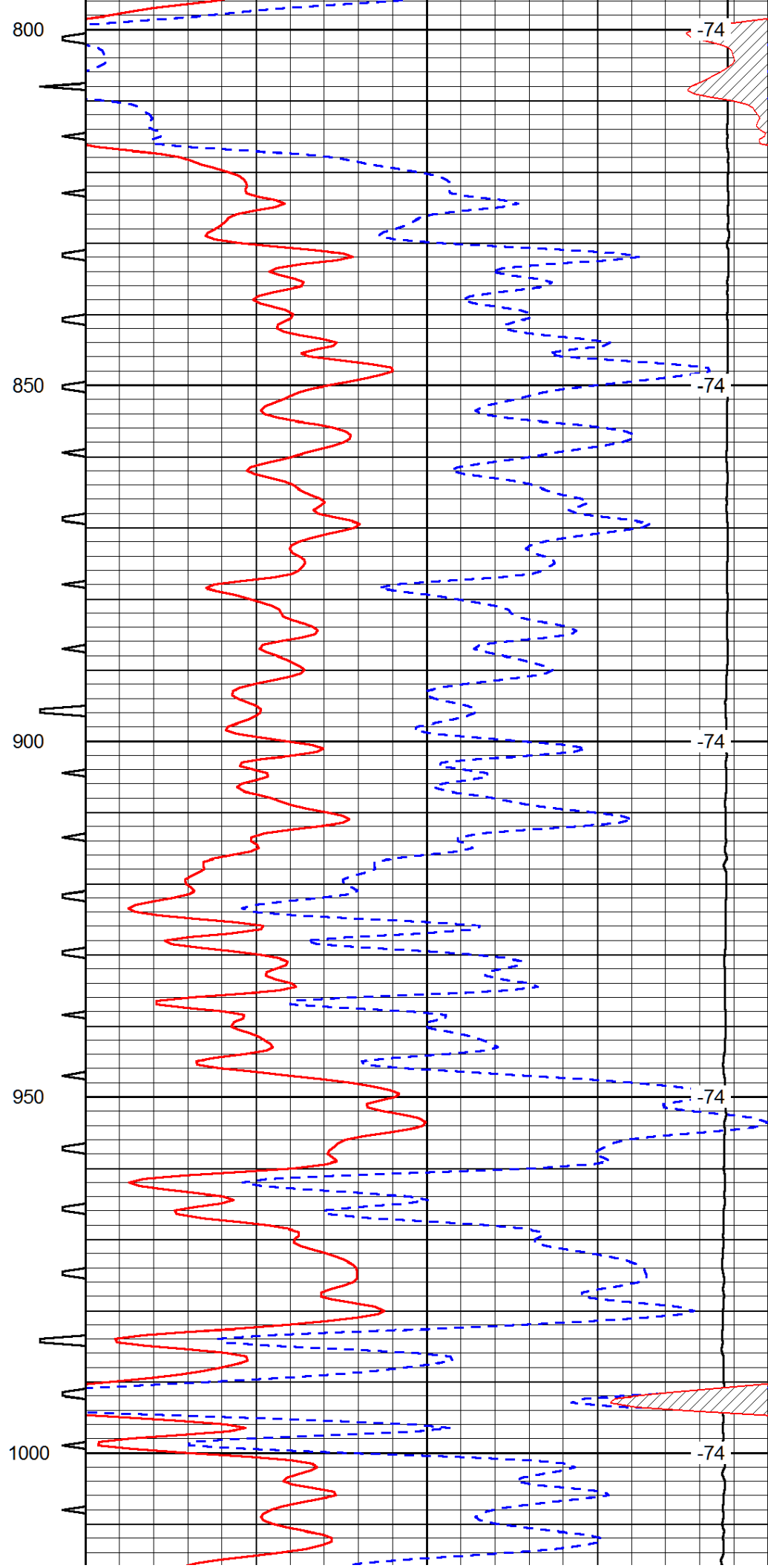
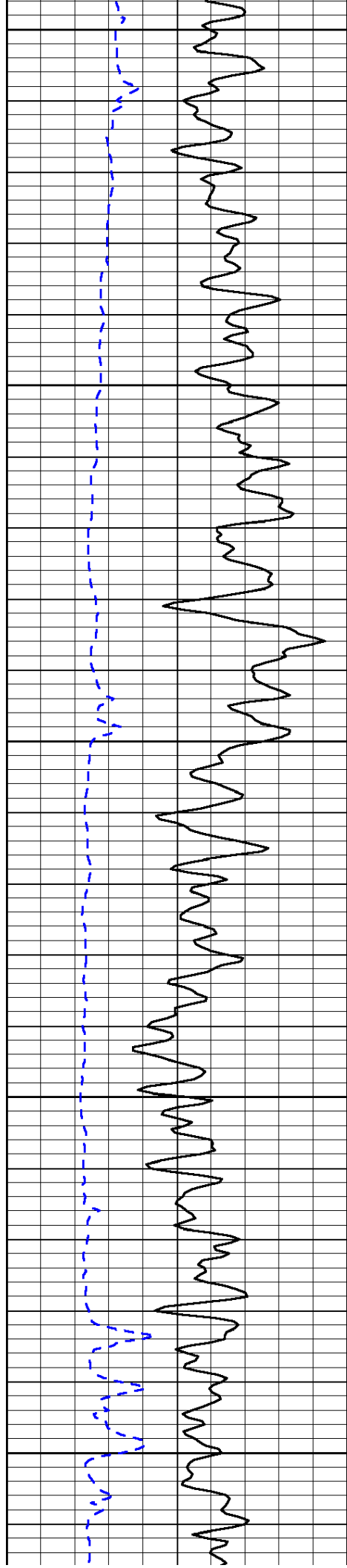
Thank you for using Log-Tech, Inc.
(785) 625-3858

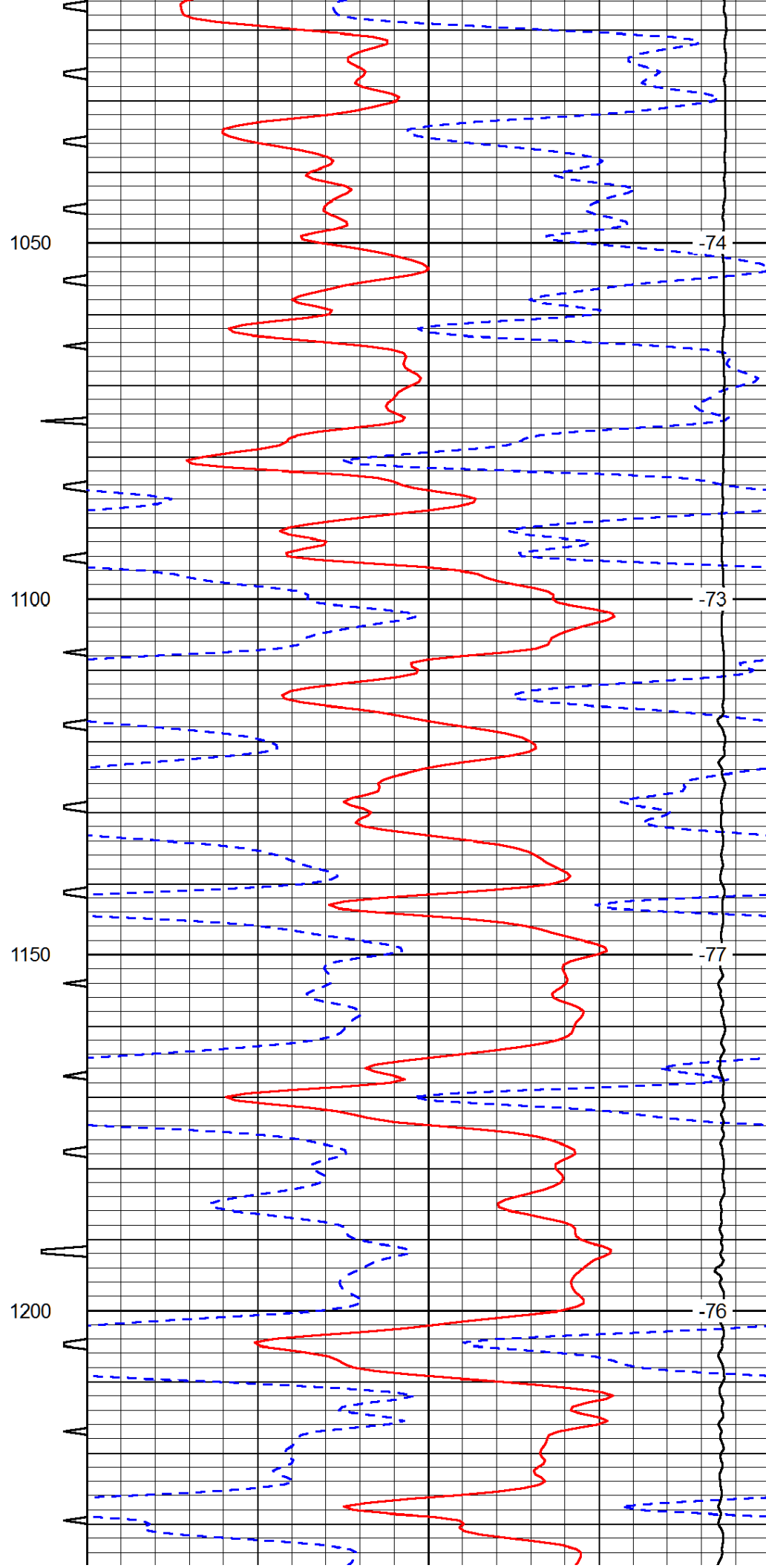
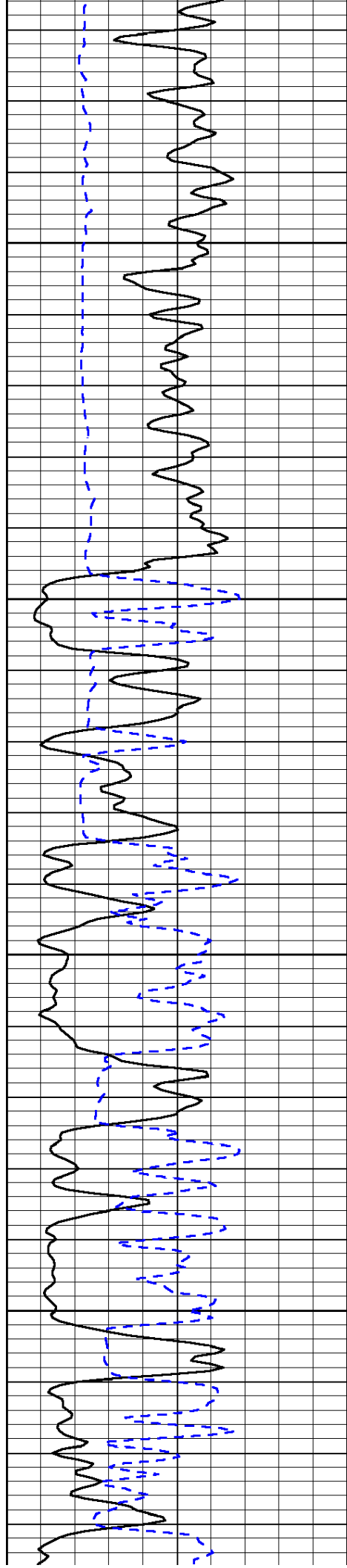
St. John KS, N to 70th St,
7 E, 2 N, W Into

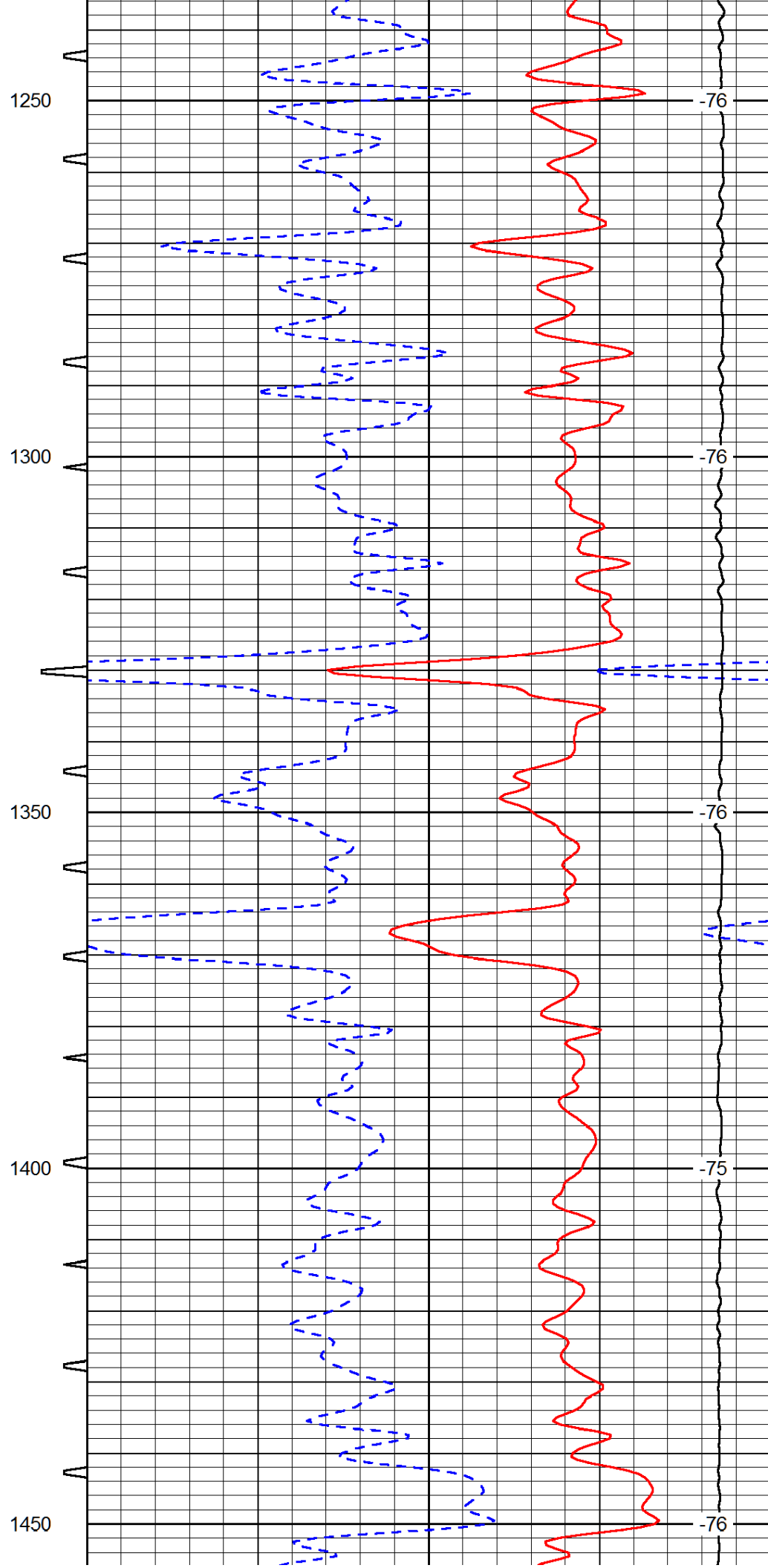
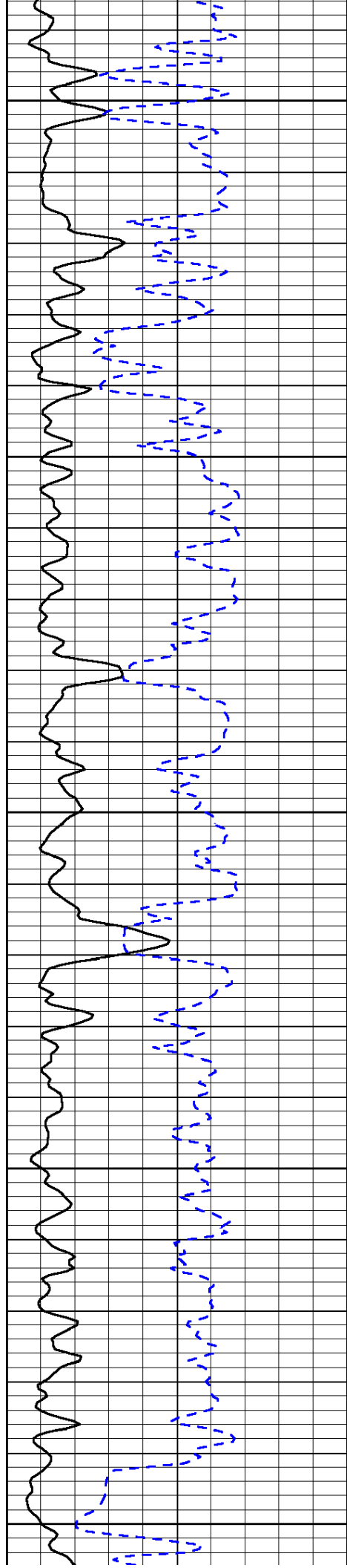
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Dataset Pathname: dil/murfstk
Presentation Format: sonic
Dataset Creation: Wed Aug 13 22:00:51 2014
Charted by: Depth in Feet scaled 1:240

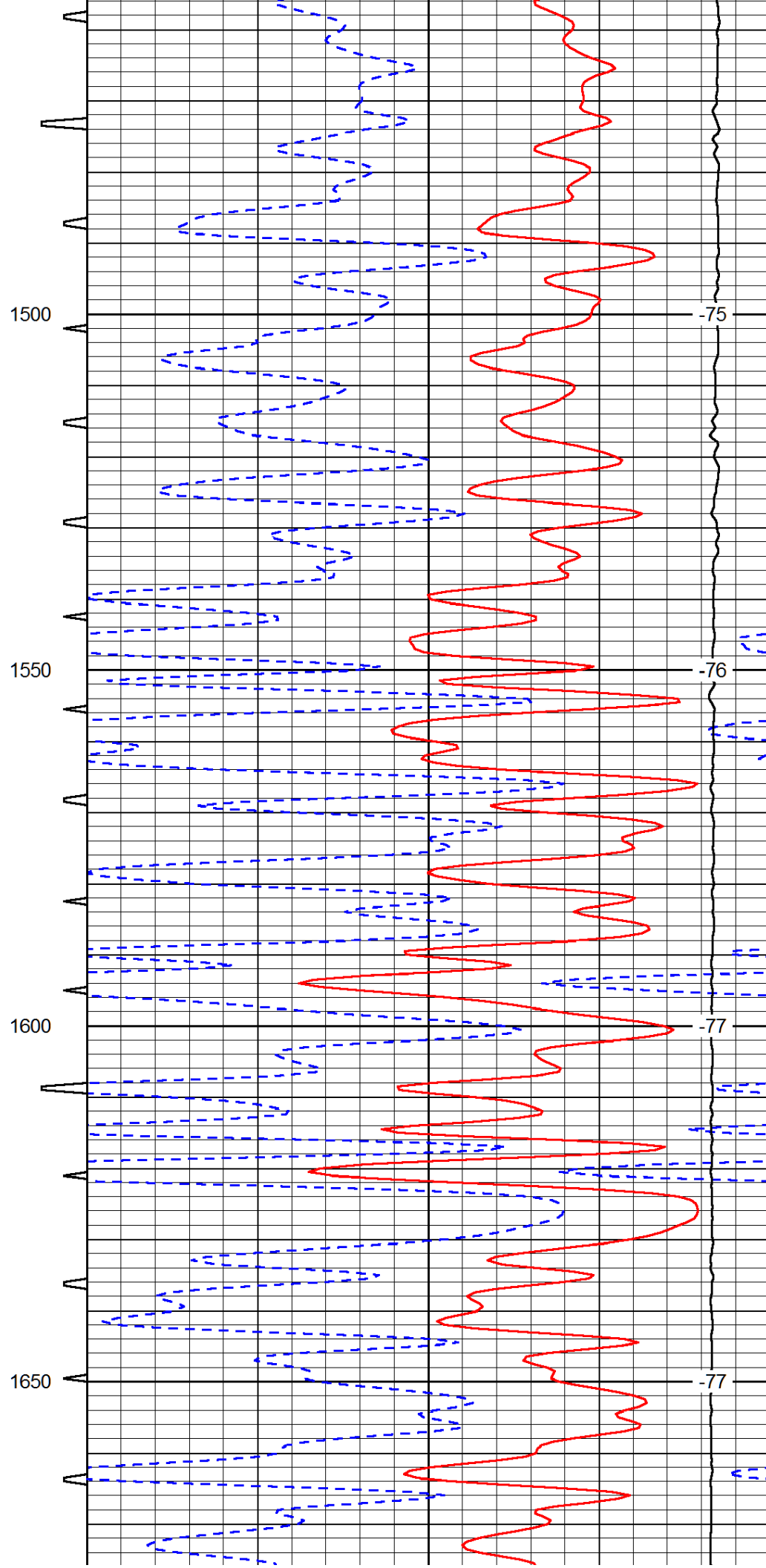
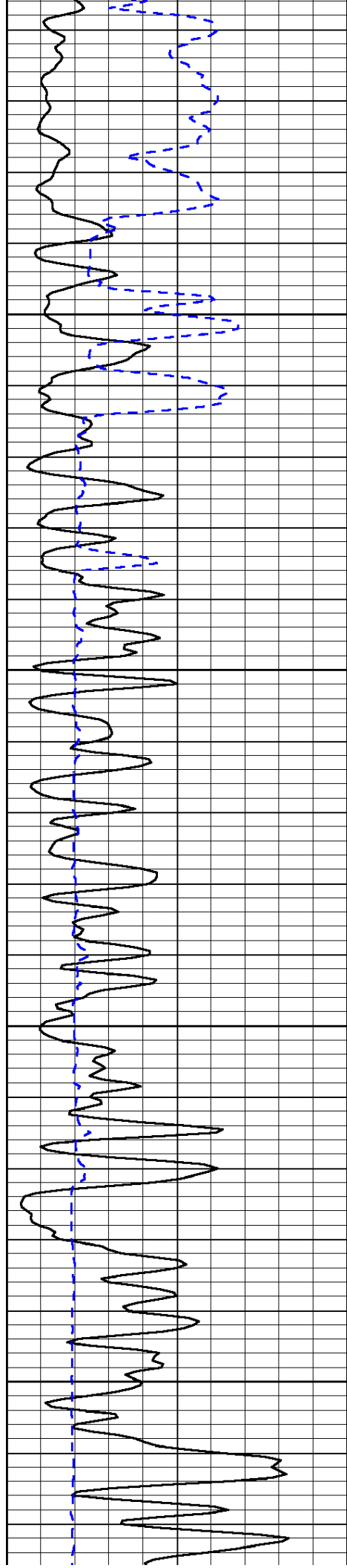
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150	Gamma Ray	300	5	0	Sonic Porosity	-10
6	dCAL (GAPI)	16		15000	LTEN (lb)	0
						LSPD

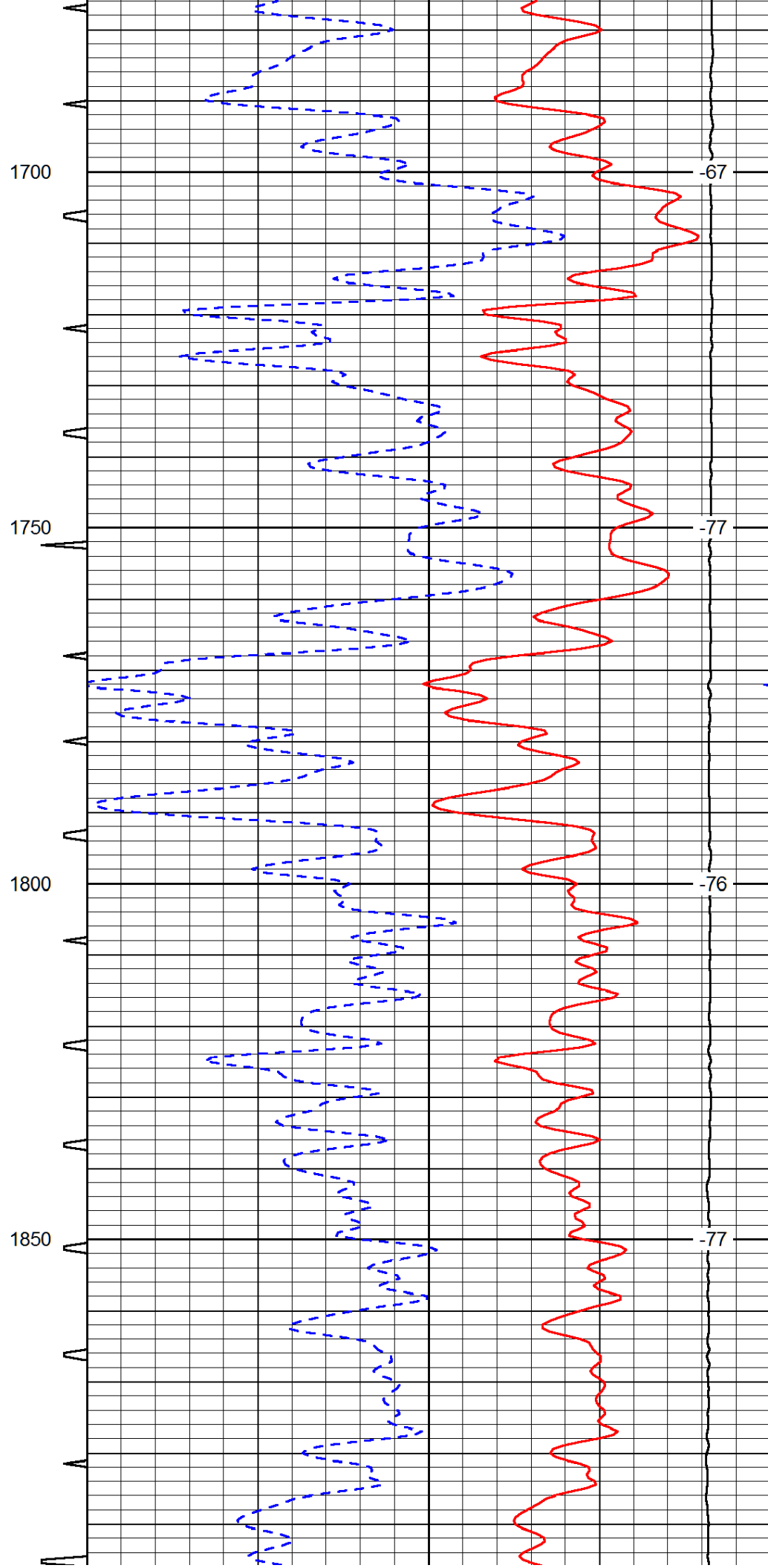
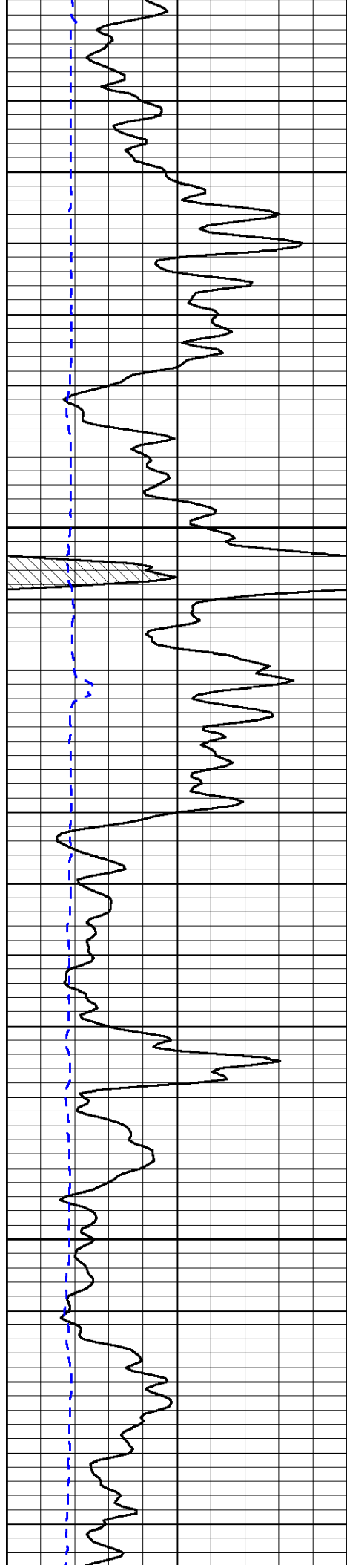


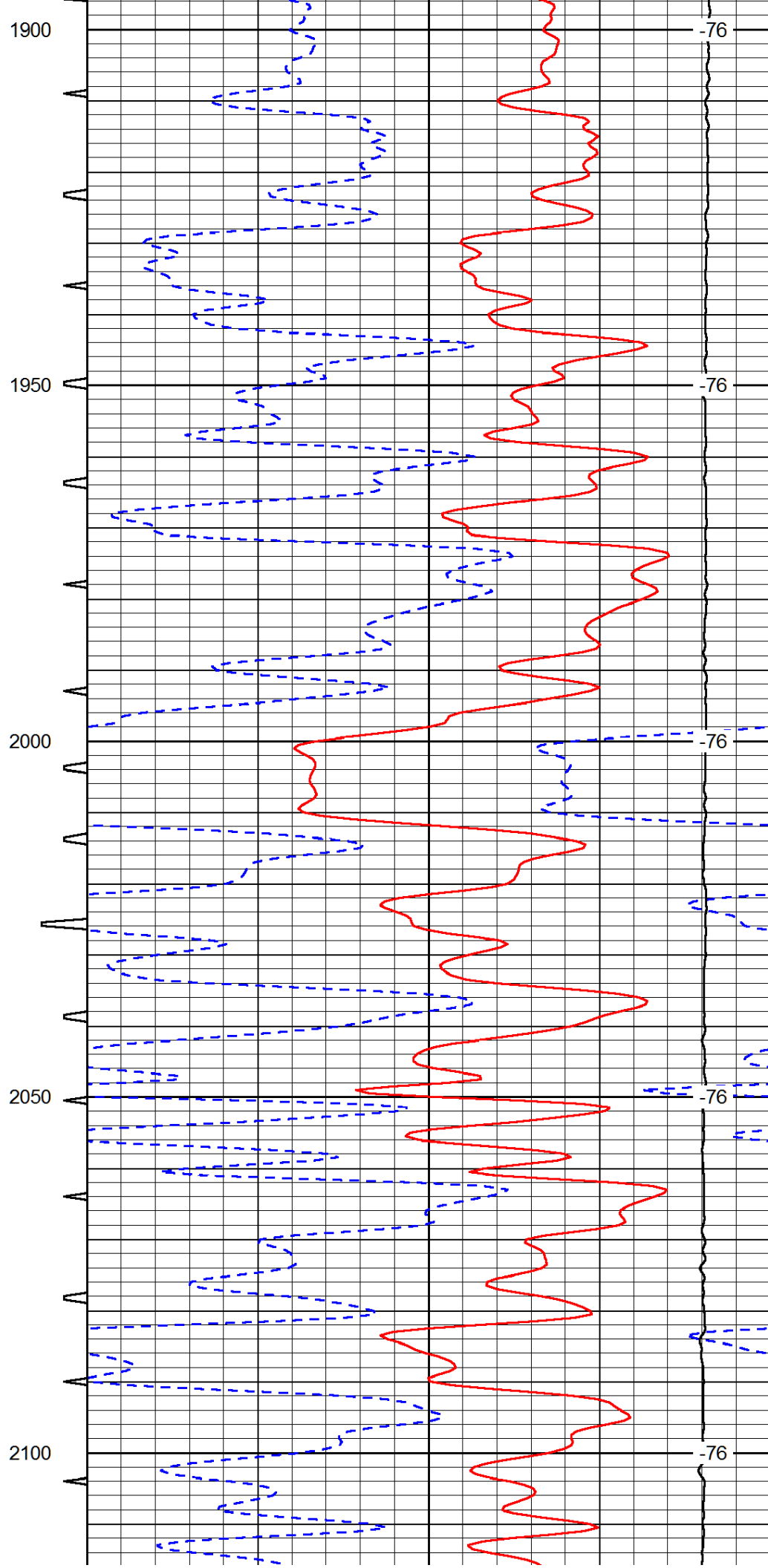
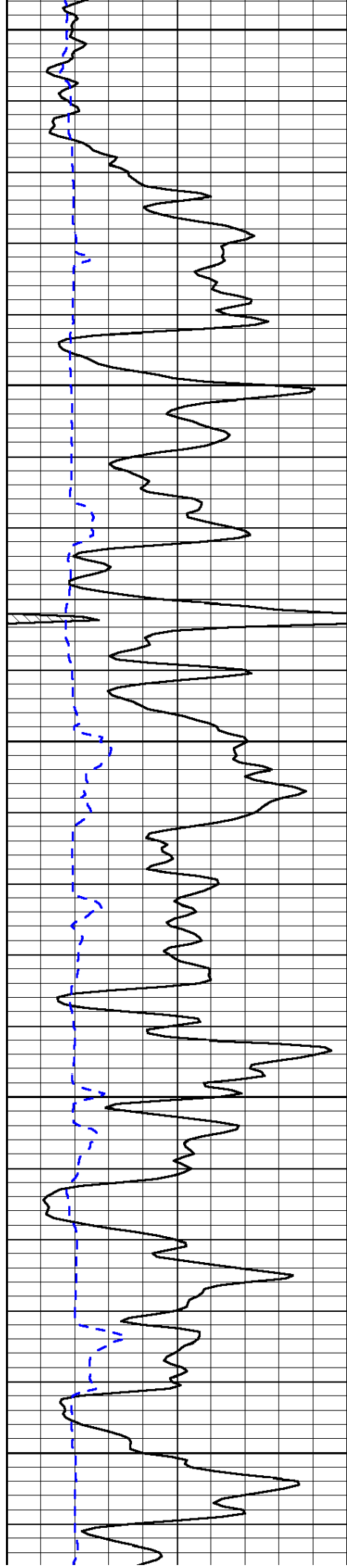


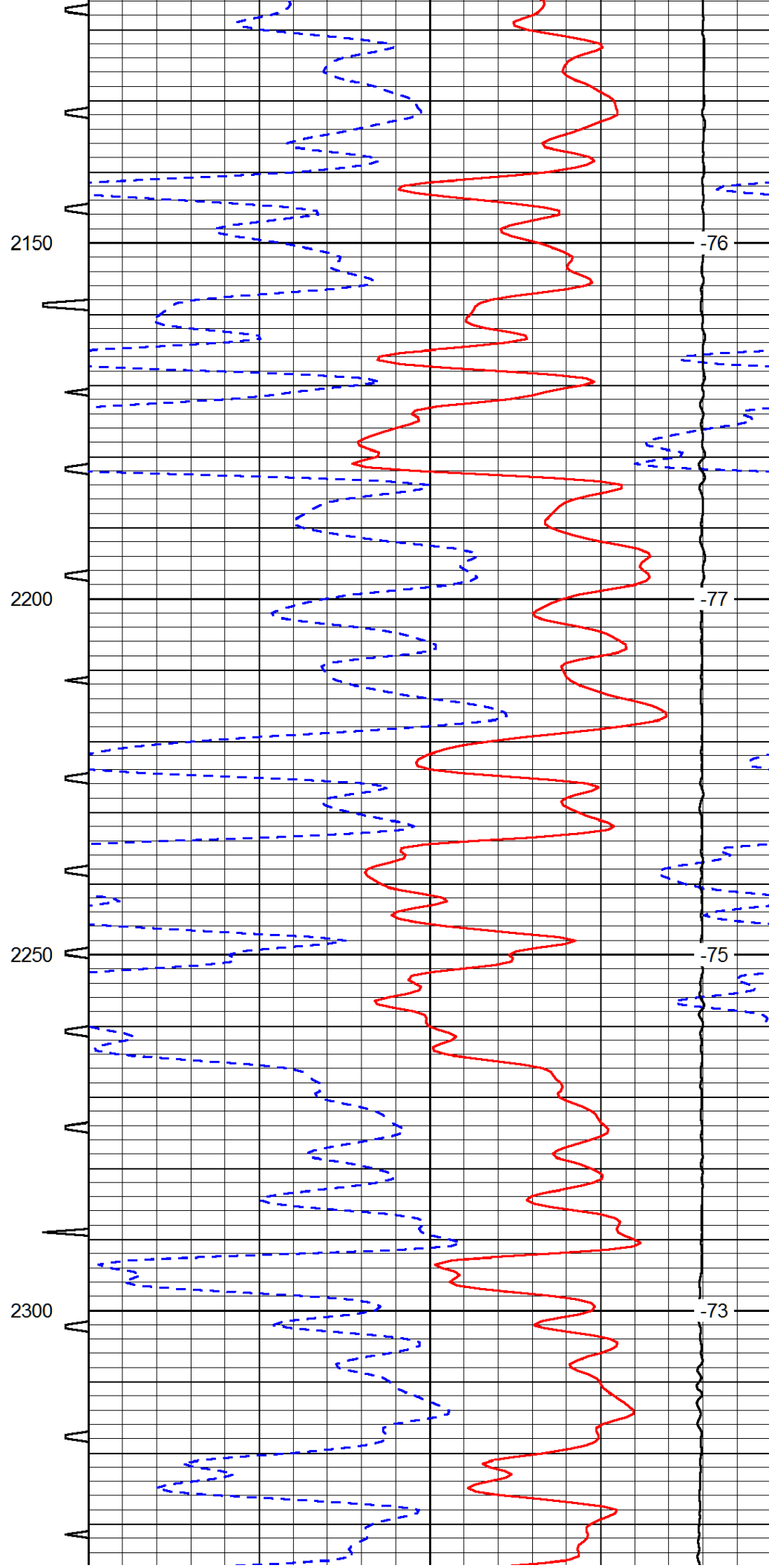
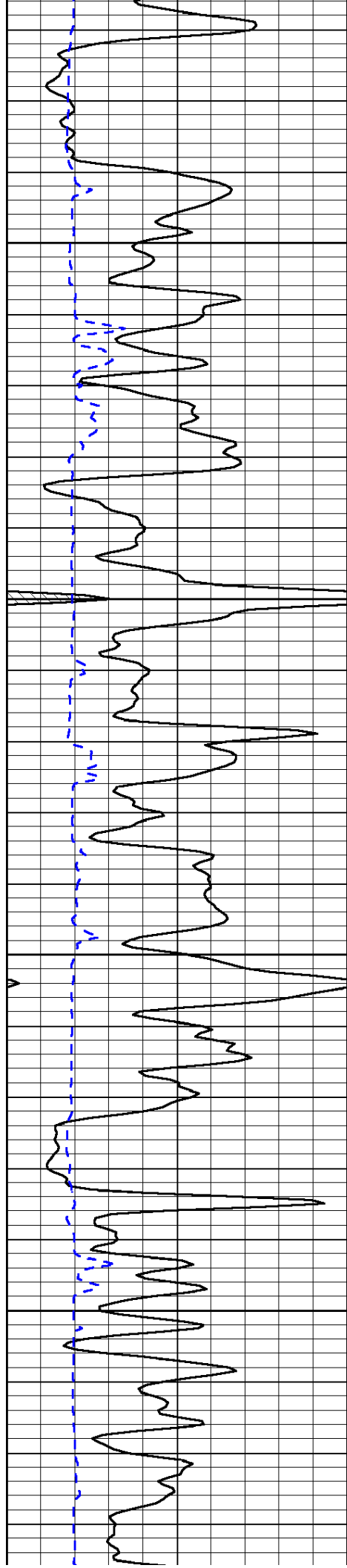


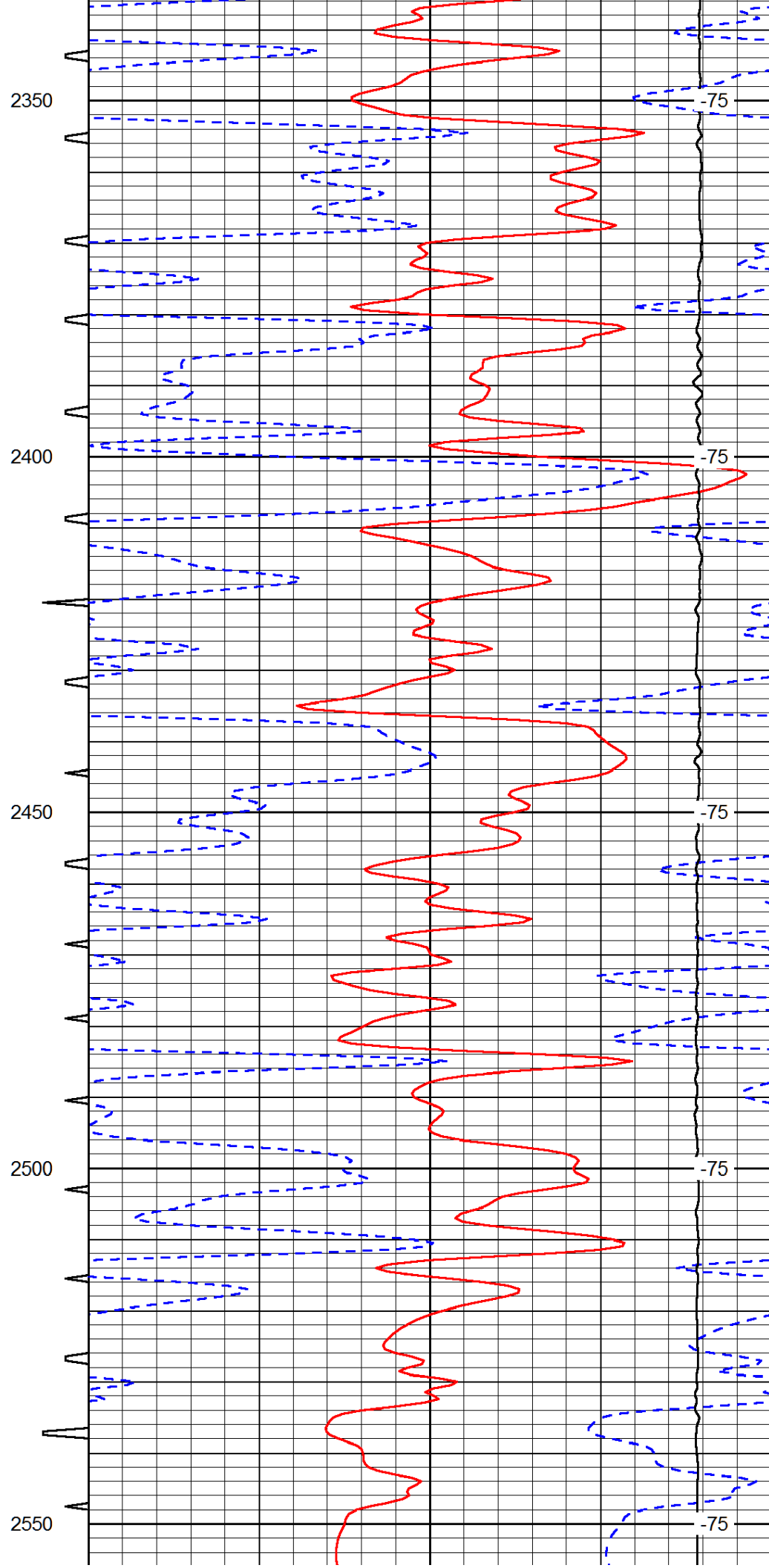
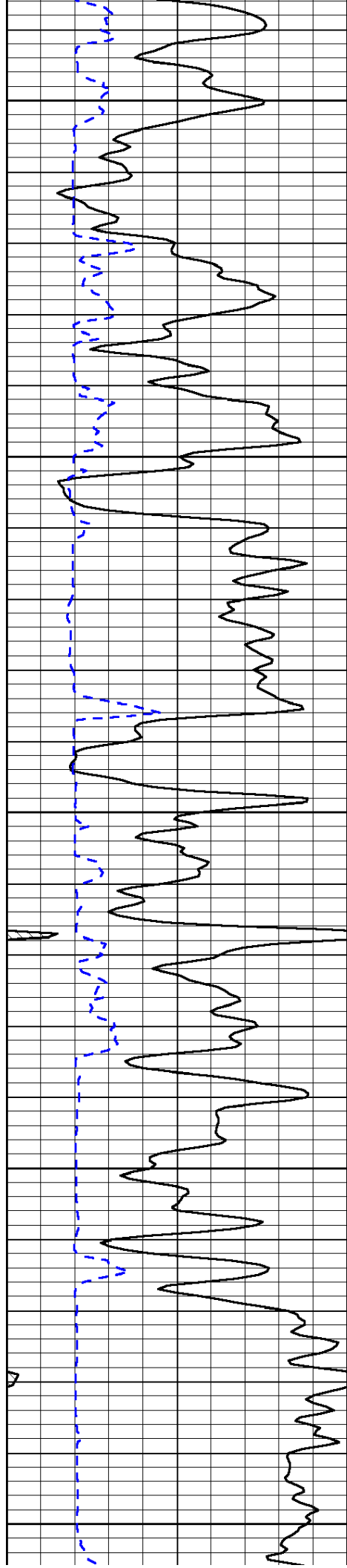


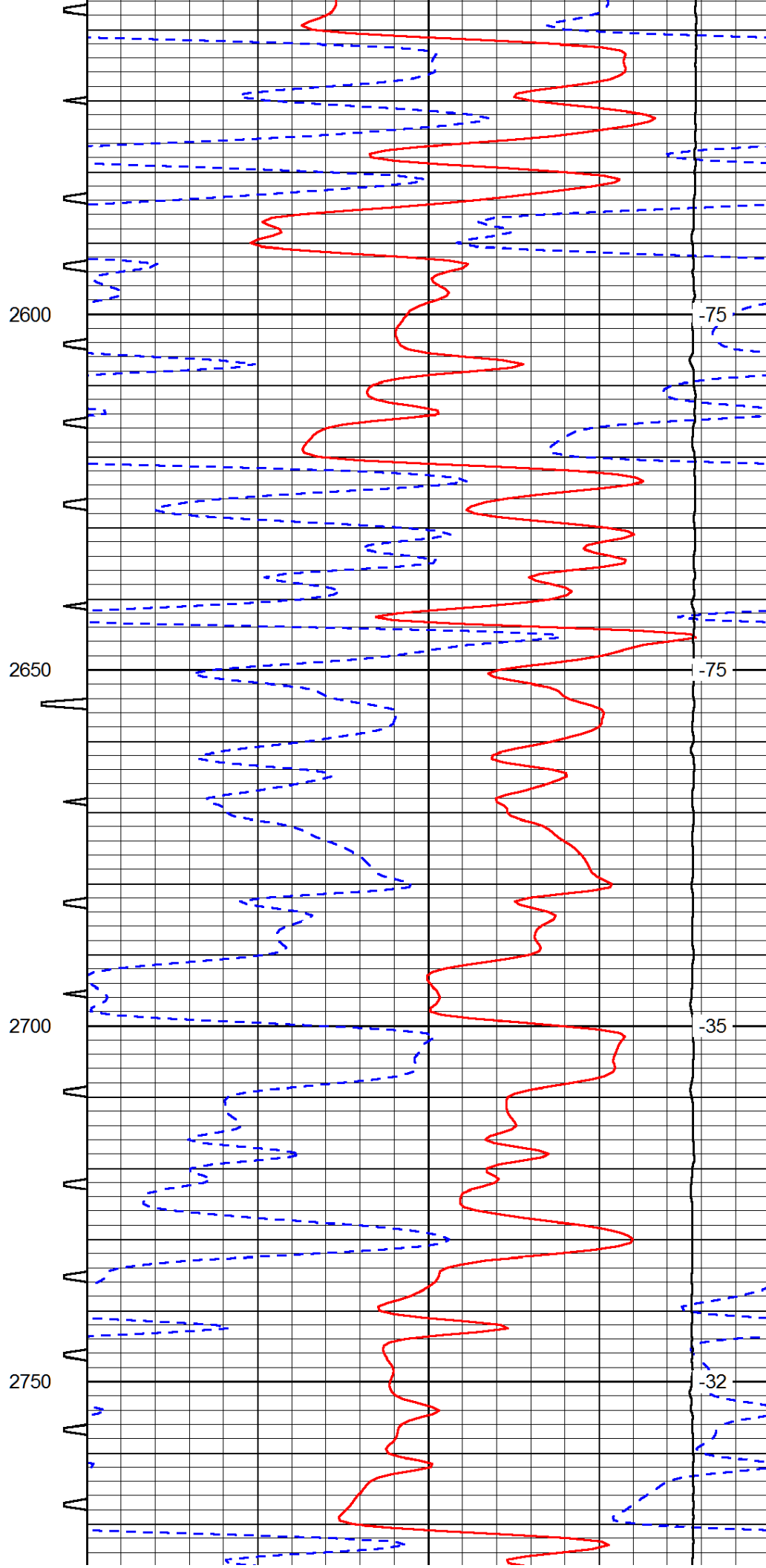
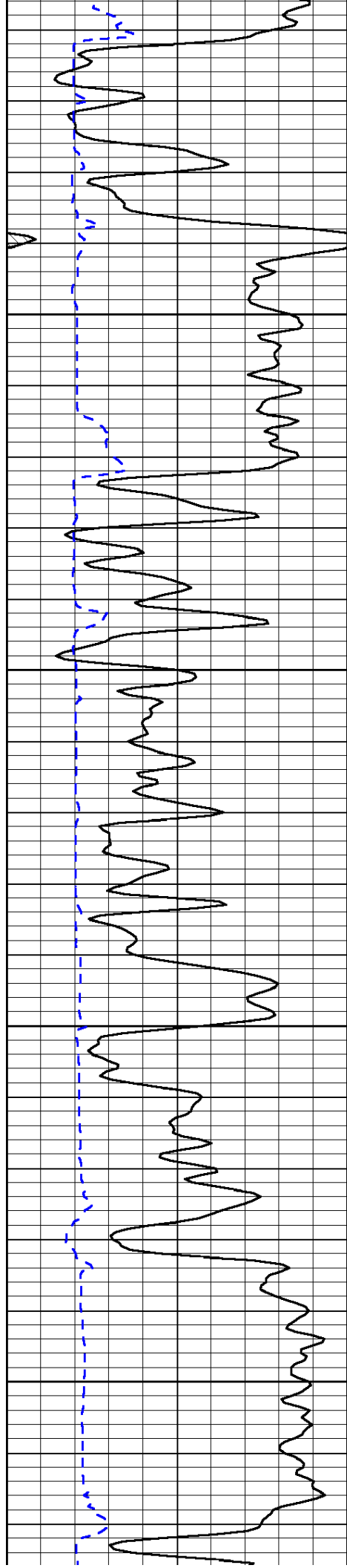


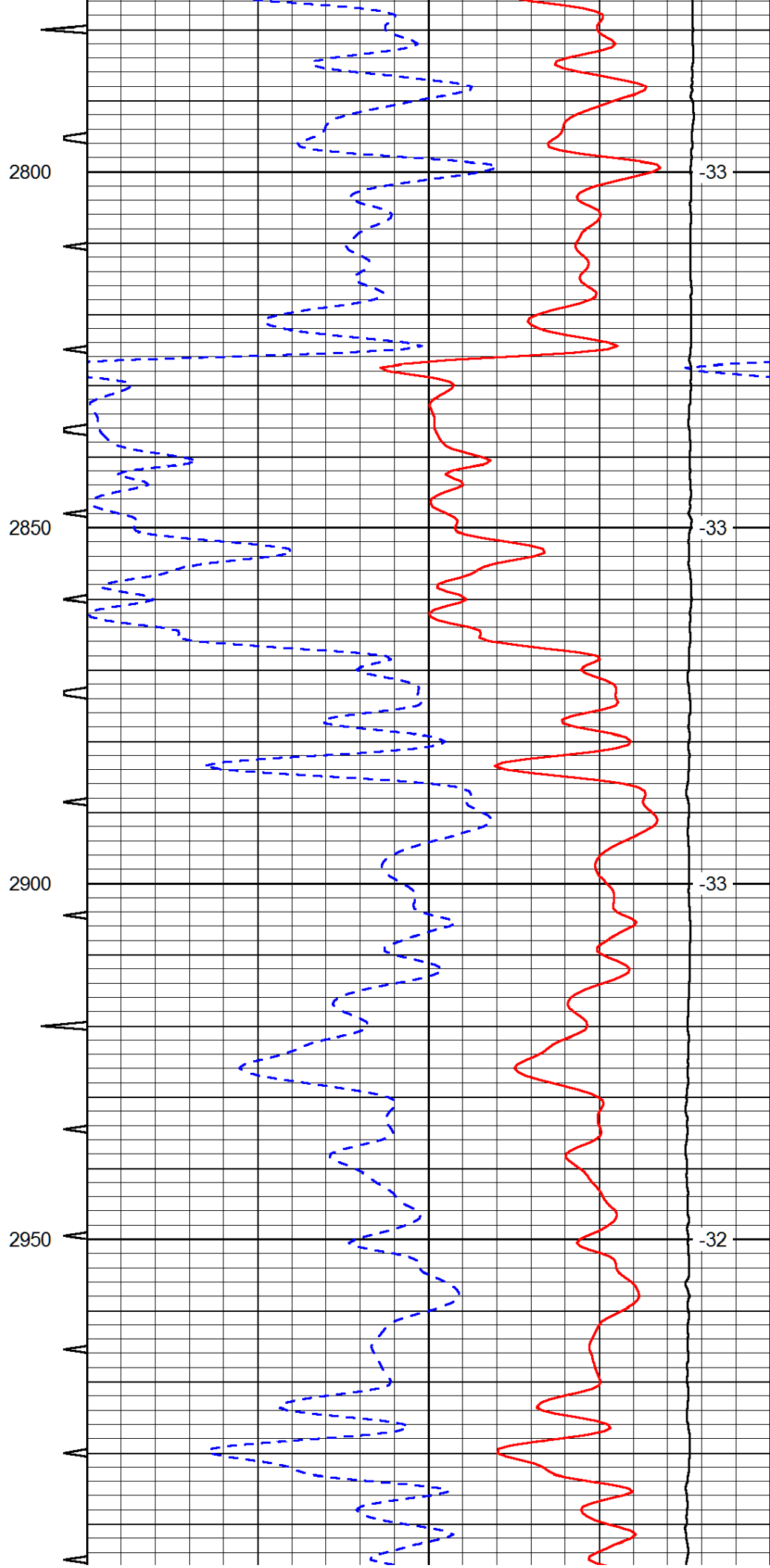
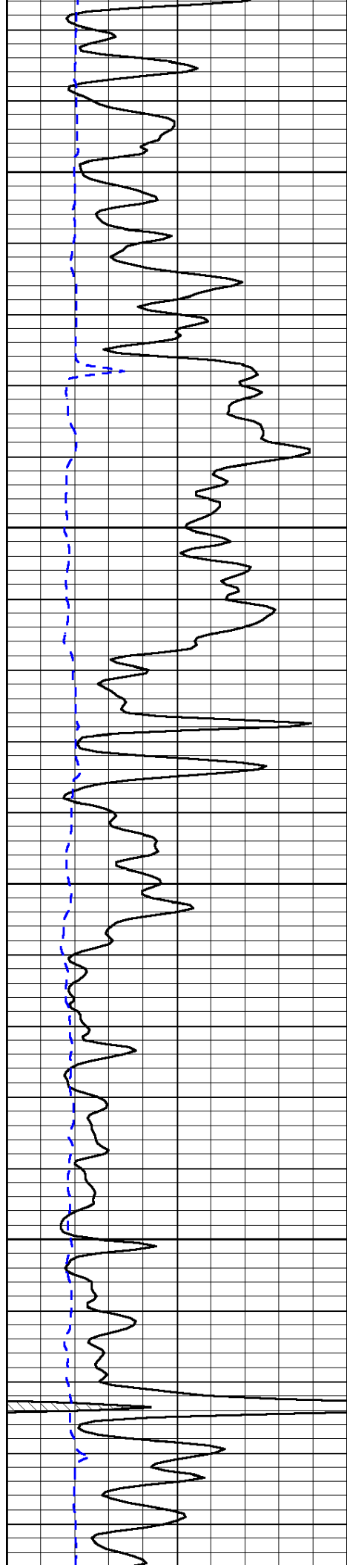


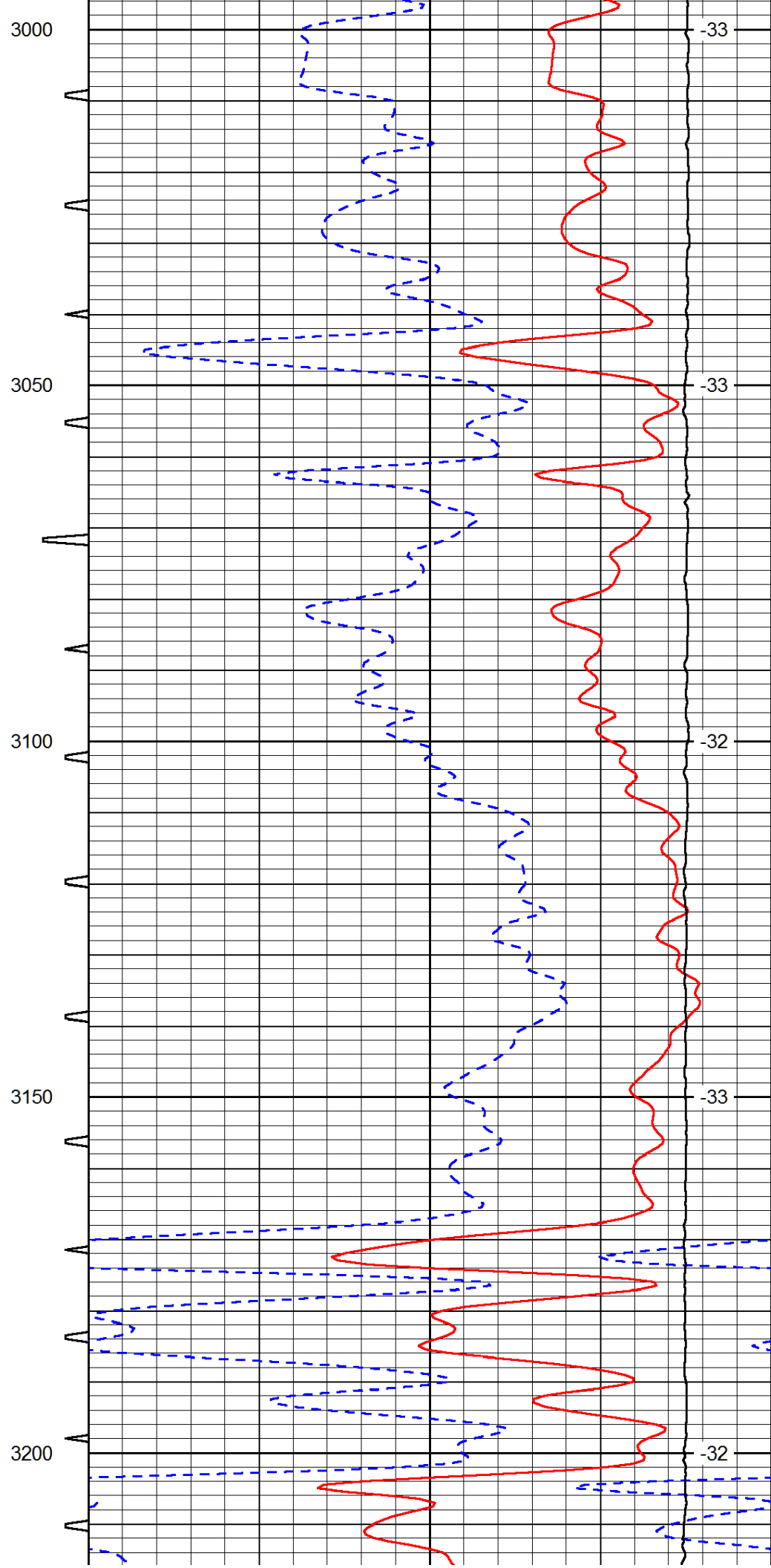
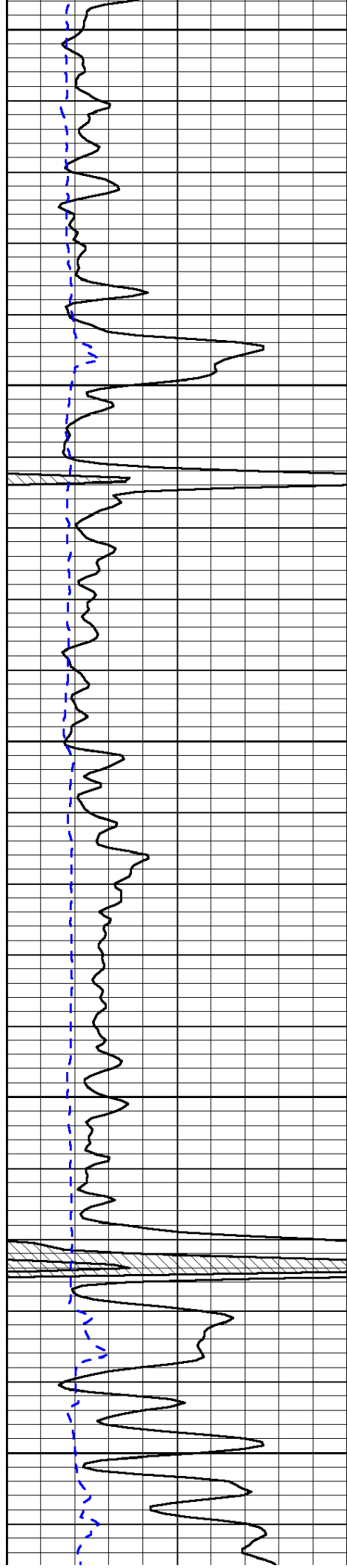


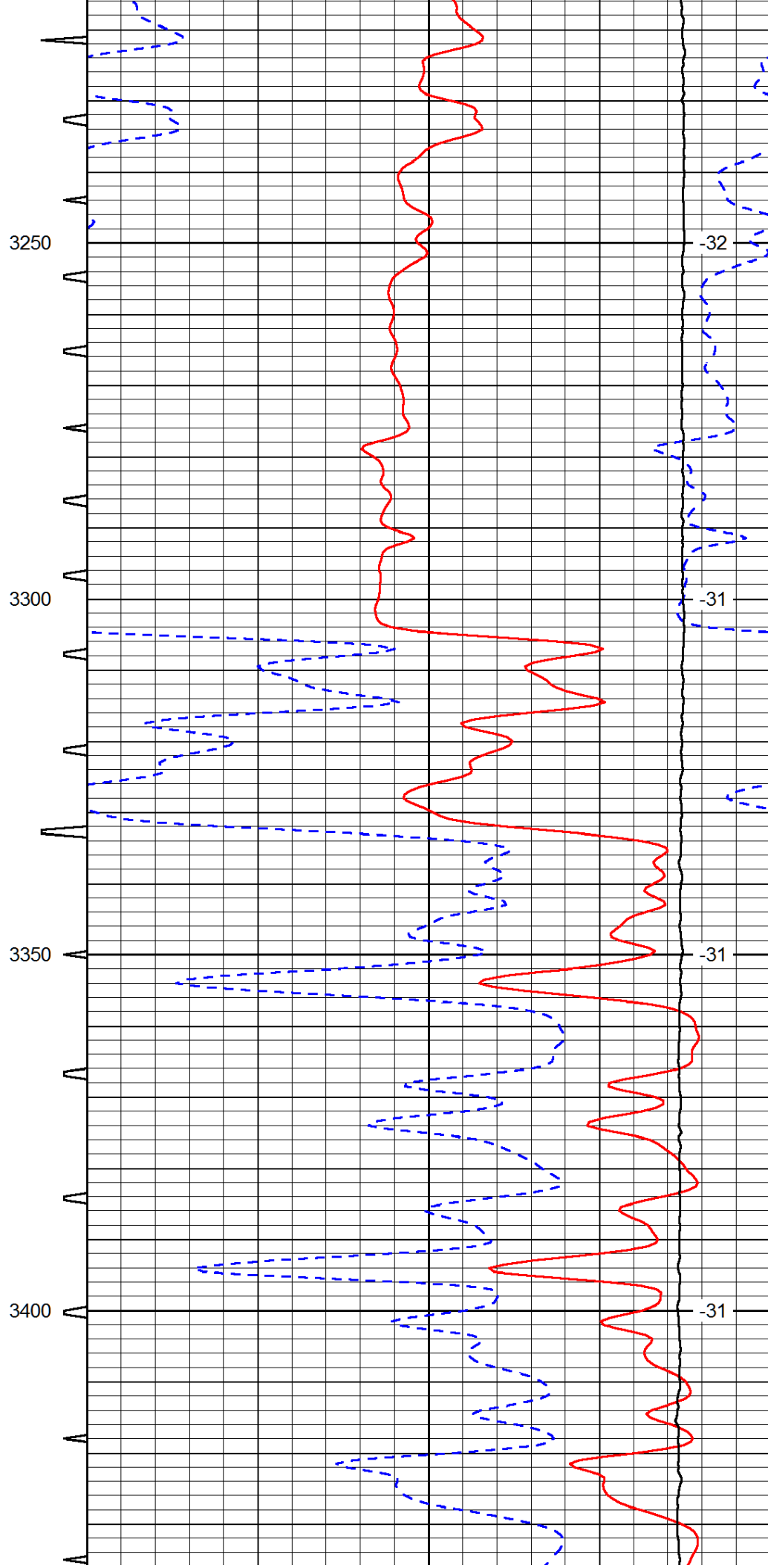
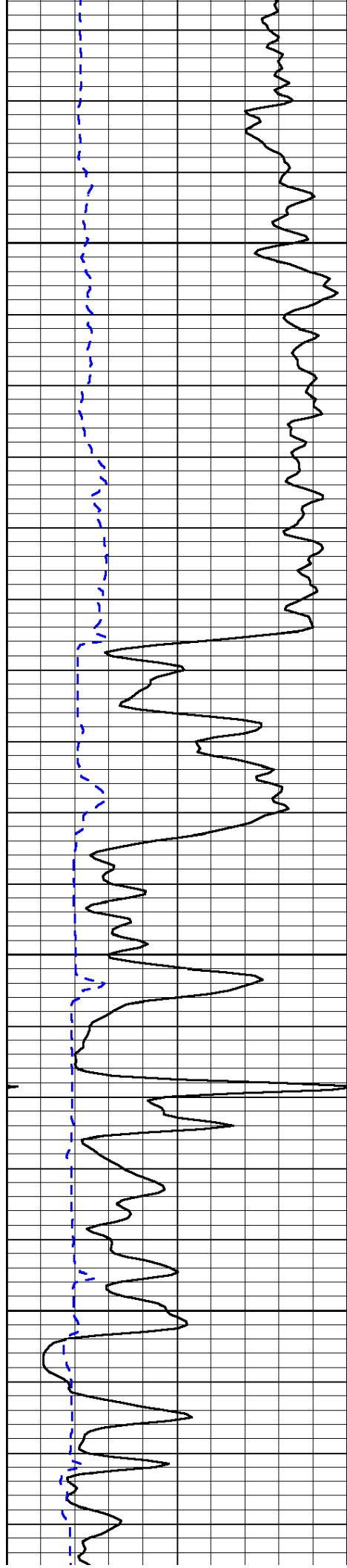


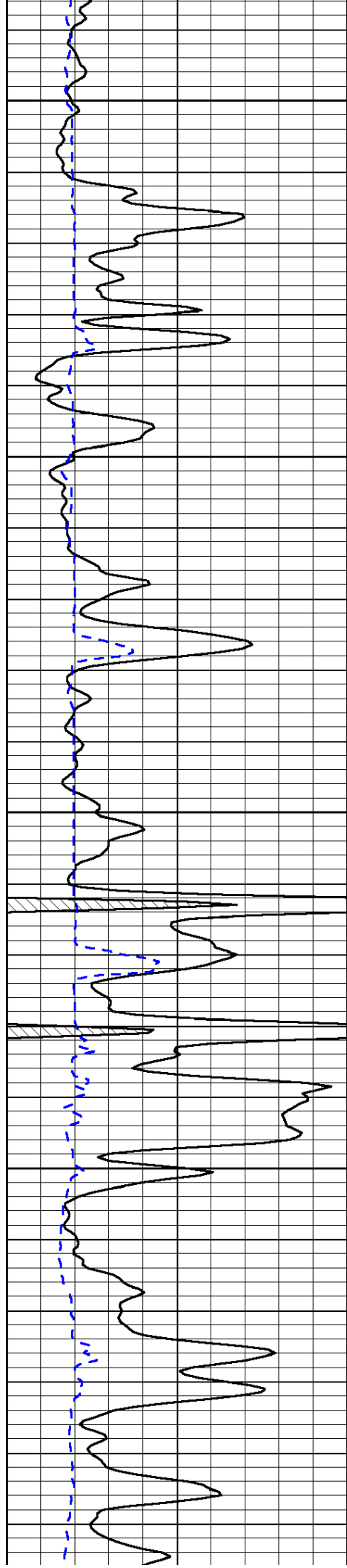












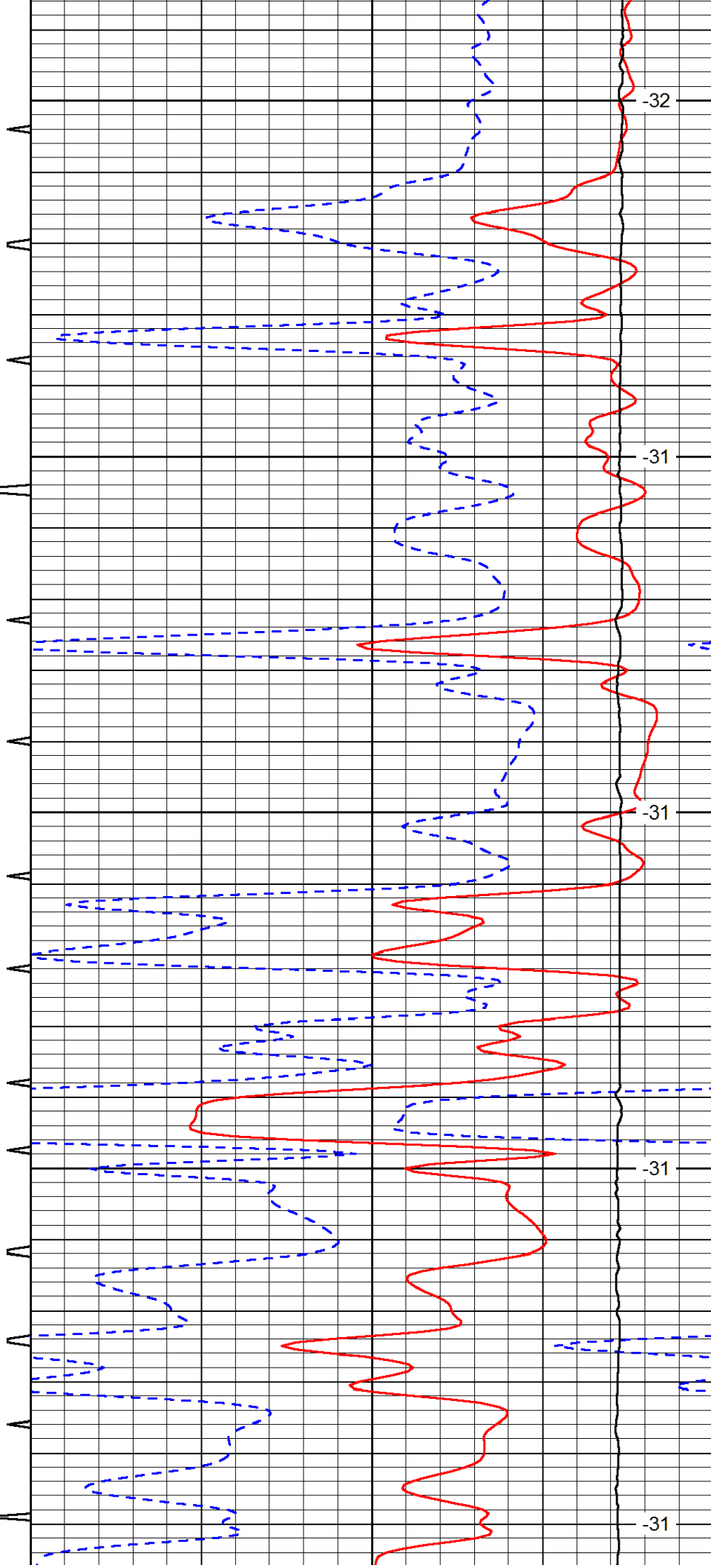
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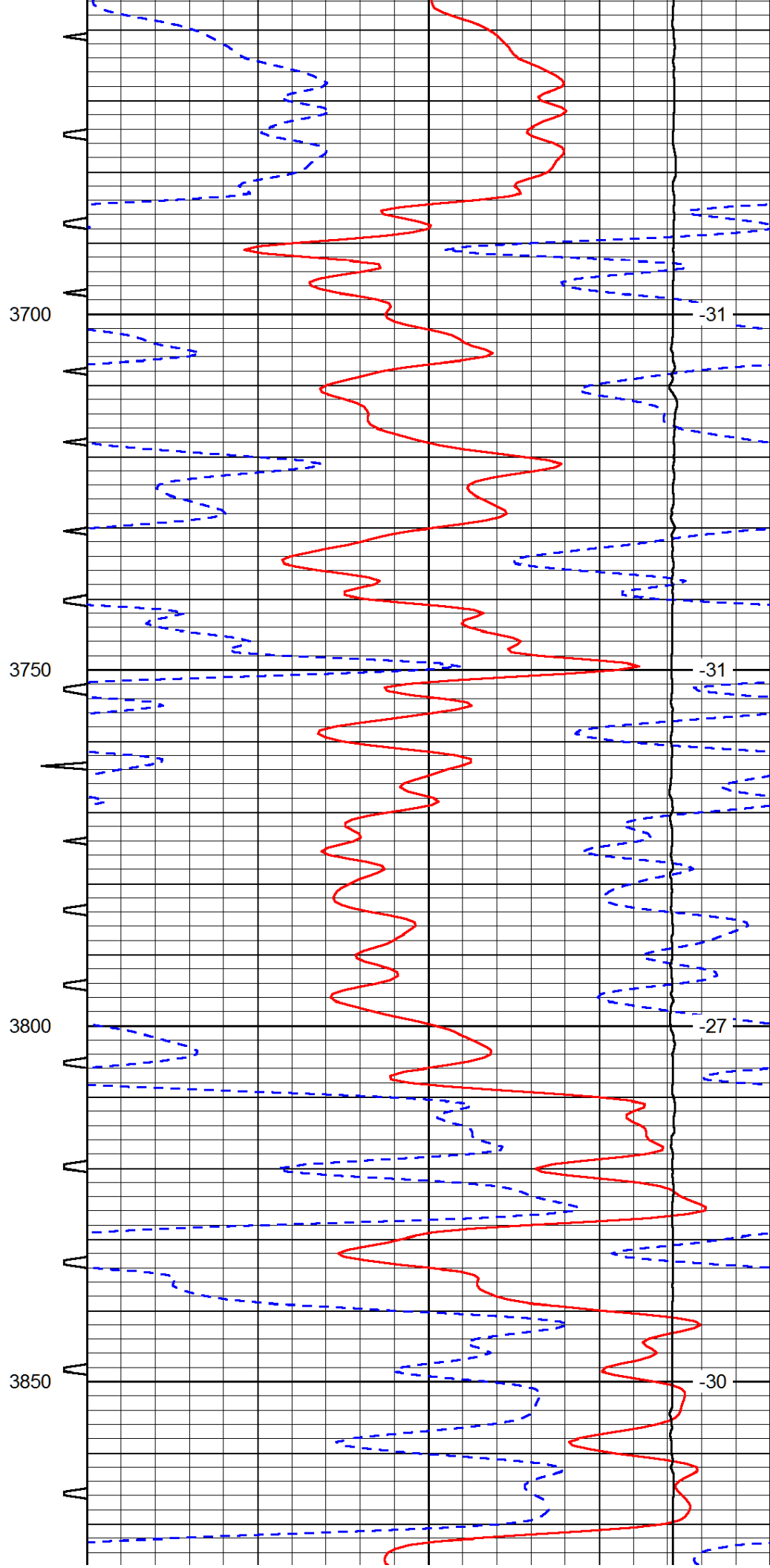
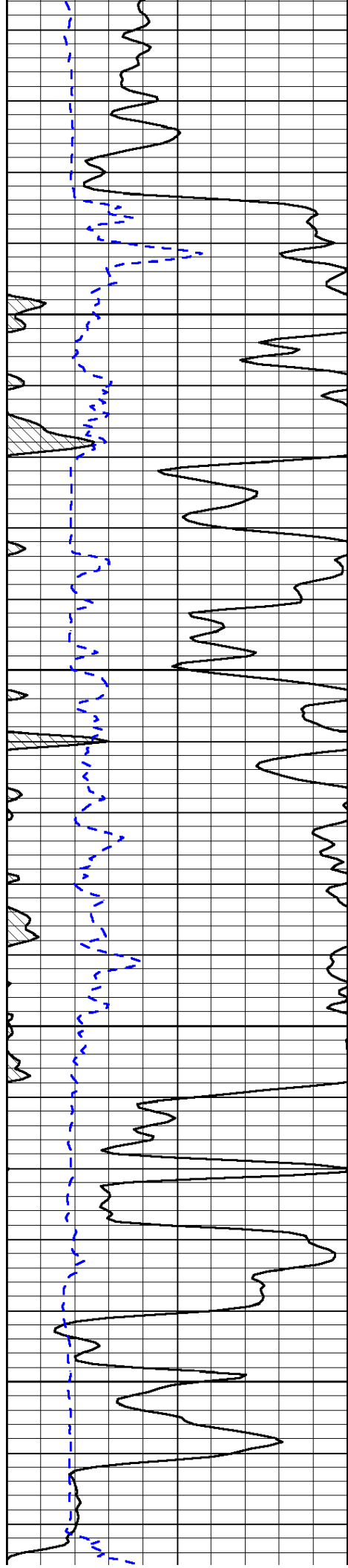
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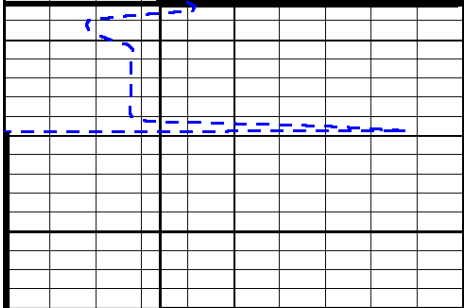
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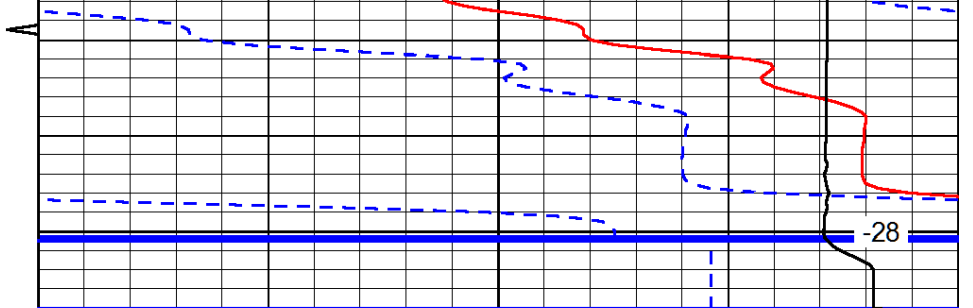
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3900



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