

BOREHOLE COMPENSATED SONIC LOG

MIDWEST WIRELINE

Company Berexco, LLC
Well FKS Unit #1-18
Field Unnamed
County Kearny
State Kansas

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Well FKS Unit #1-18
Field Unnamed
County Kearny
State Kansas

Location: API #: 15-093-21985-00-00

Other Services

2510' FSL & 1315' FEL
SEC 18 TWP 21S RGE 35W

CNL/CDL
DIL/MEL

Permanent Datum Ground Level Elevation 3172'
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing

K.B. 3181'
D.F. N/A
G.L. 3172'

Date 5/24/2021

Run Number Two

Type Log BHCS

Depth Driller 5050'

Depth Logger 5056'

Bottom Logged Interval 5055'

Top Logged Interval 400'

Type Fluid In Hole Chemical

Salinity, PPM CL 8000

Density 9.5

Level Full

Max. Rec. Temp. F 127

Operating Rig Time 5 Hours

Equipment -- Location P-108 HAYS

Recorded By D. Schmidt

Witnessed By Edwin Grieves

Borehole Record

Casing Record

Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25"	0'	432'	8.625"	23#	0'	432'
Two	7.875"	432'	TD				

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and Midwest Wireline LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Midwest Wireline LLC will not 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.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

Scott City,
South to County Line, West to County Rd T,
3 South, 1/8 West,
North into

Log Measured From: Kelly Bushing 9 Ft. Above Permanent Datum

THANK YOU FOR USING MIDWEST WIRELINE LLC
785-625-3858

Your Midwest Wireline Crew

Engineer: D. Schmidt
Operator:
Operator:
Operator:

This Log Record Was Witnessed By

Primary Witness: Edwin Grieves
Secondary Witness:
Secondary Witness:
Secondary Witness:

Log Variables

DatabaseC:\ProgramData\Warrior\Data\berexco_fks unit 1-18.db
Dataset field/well/stack/pass5.1/_vars_

Top - Bottom

A	BOREID	BOTTEMP	CASEOD	CASETHCK	FLUIDDEN	M	MATRXDEN
1	in	degF	in	in	g/cc	2	g/cc
	7.875	127	5.5	0	1		2.71
NPORSEL	PERFS	SNDERR	SNDERRM	SPSHIFT	SRFTEMP	SZCOR	TDEPTH
Limestone	No	mmho/m	mmho/m	mV	degF	Off	ft
		0	0	399	60		5056

Variable Description

A : Cement Factor (a)
BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
FLUIDDEN : Fluid Density
M : Cement Exp (m)
MATRXDEN : Matrix Density

NPORSEL : Neutron Porosity Curve Select
PERFS : Perforation Flag
SNDERR : Deep Sonde Error Correction
SNDERRM : Medium Sonde Error Correction
SPSHIFT : S.P. Baseline Offset
SRFTEMP : Surface Temperature
SZCOR : CN Size Cor. ?
TDEPTH : Total Depth

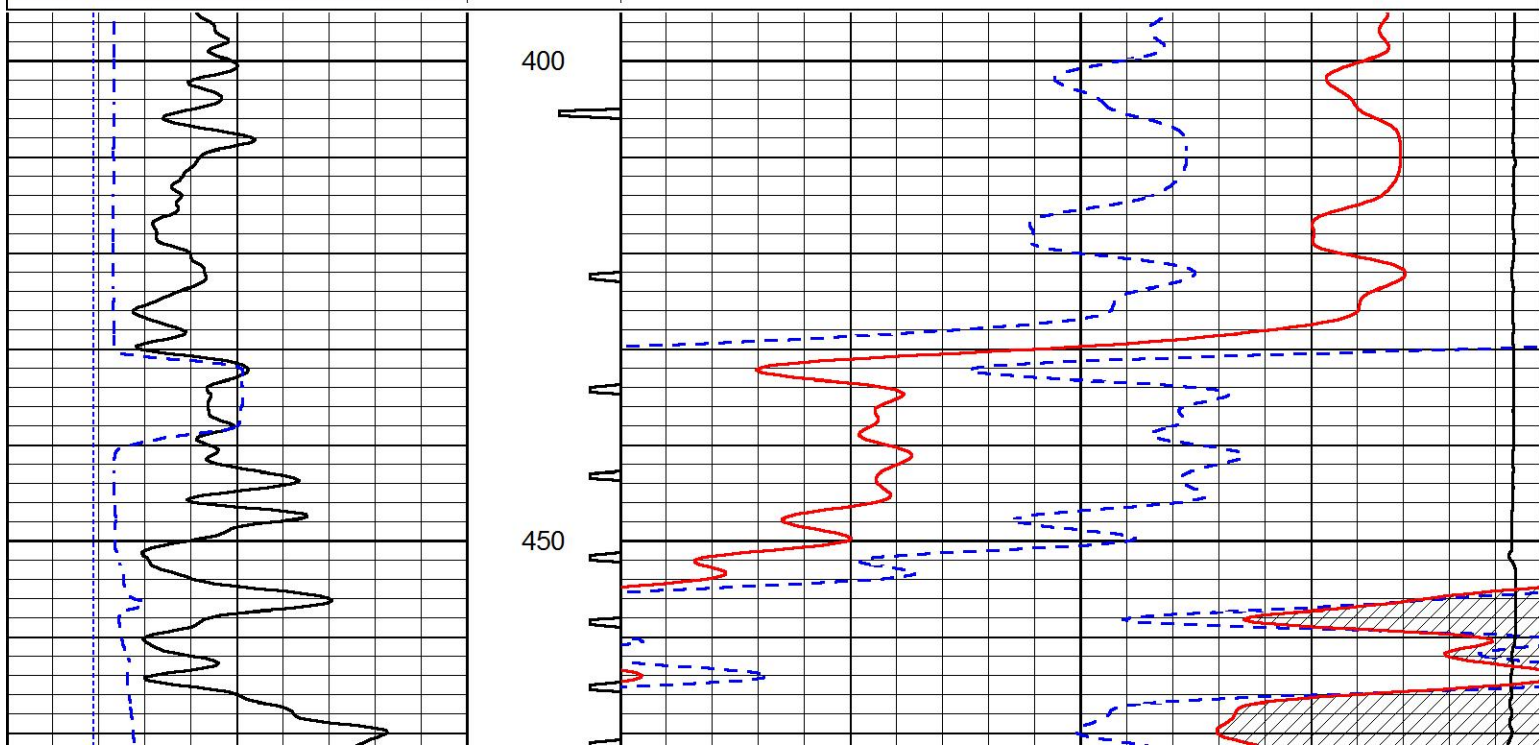


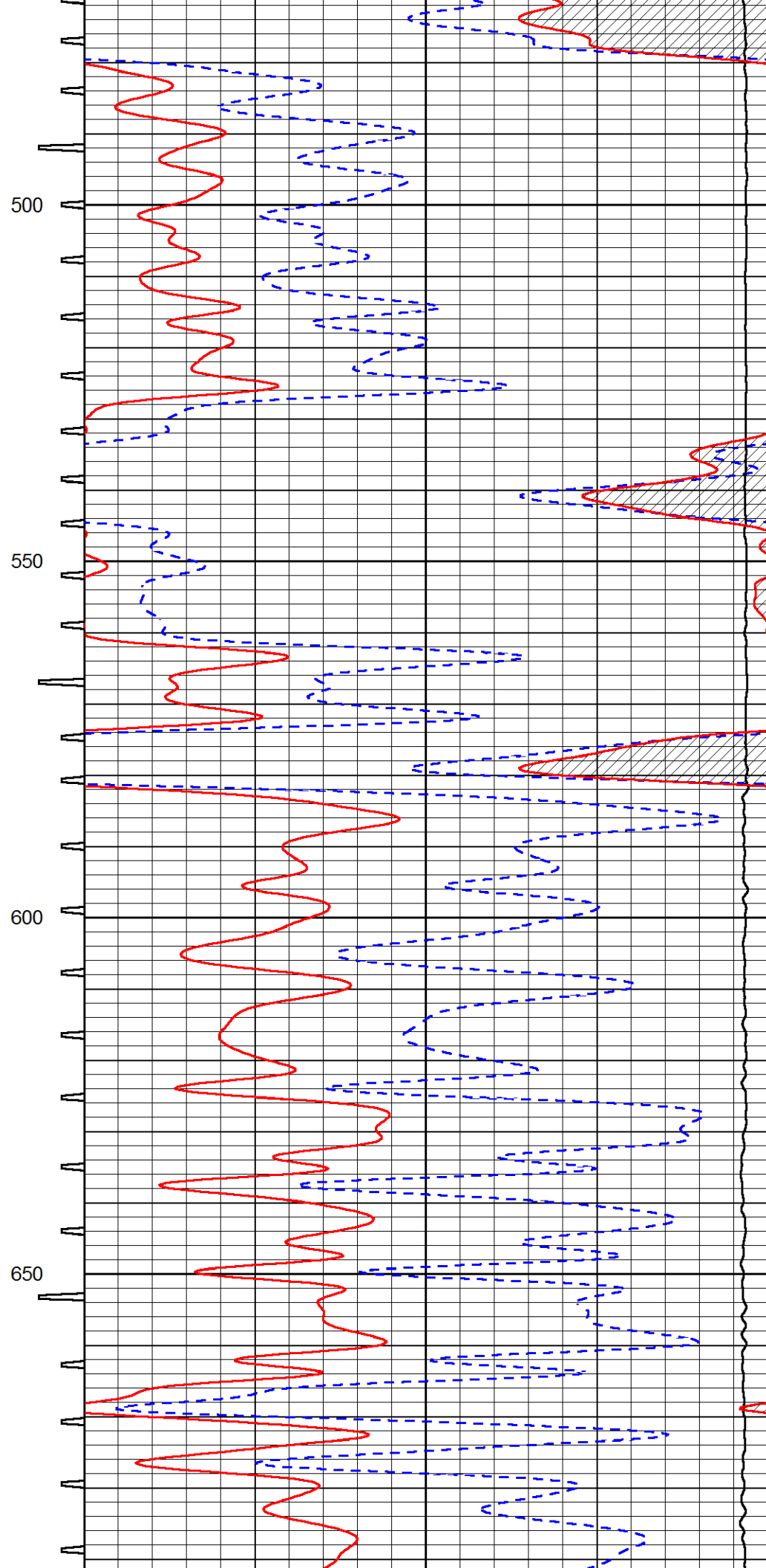
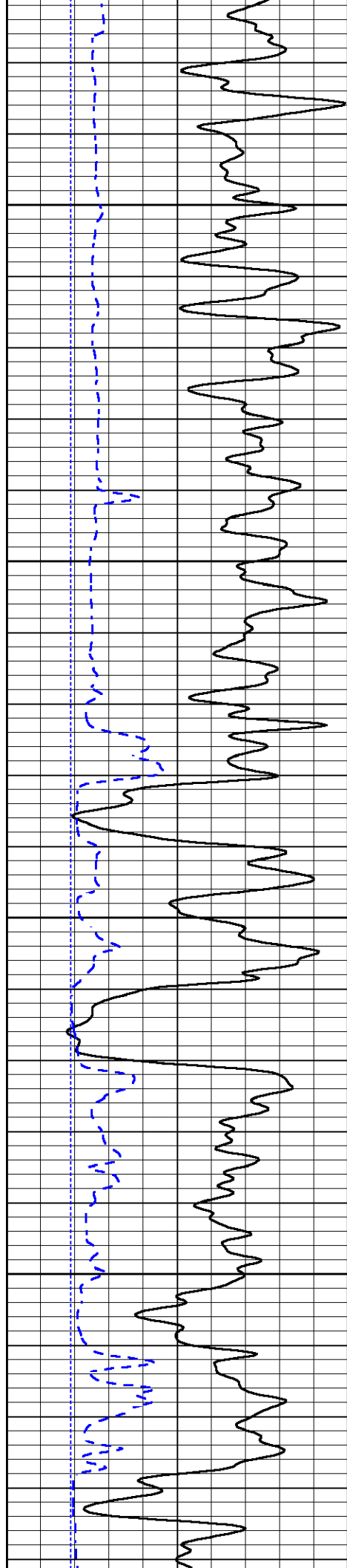
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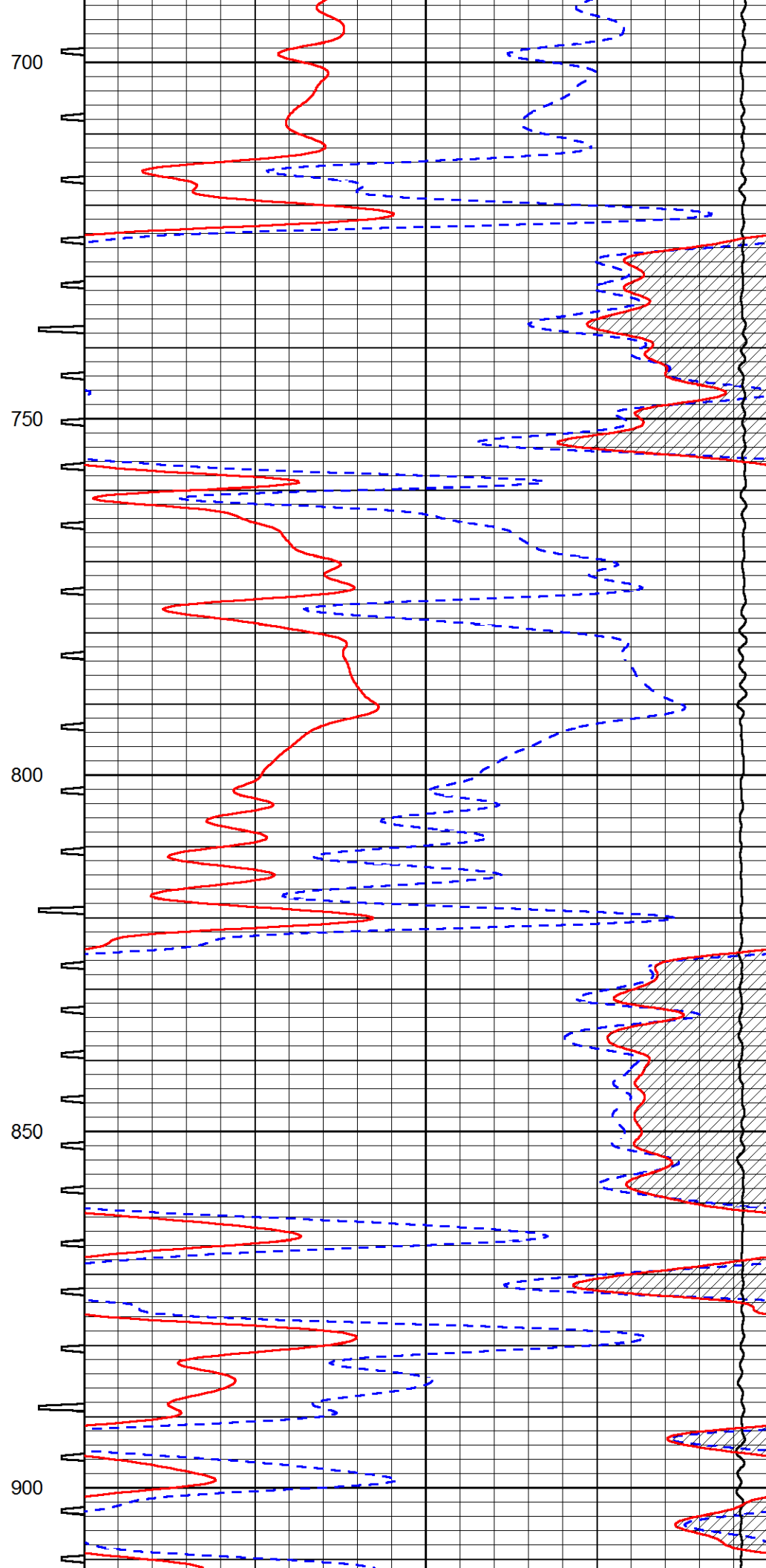
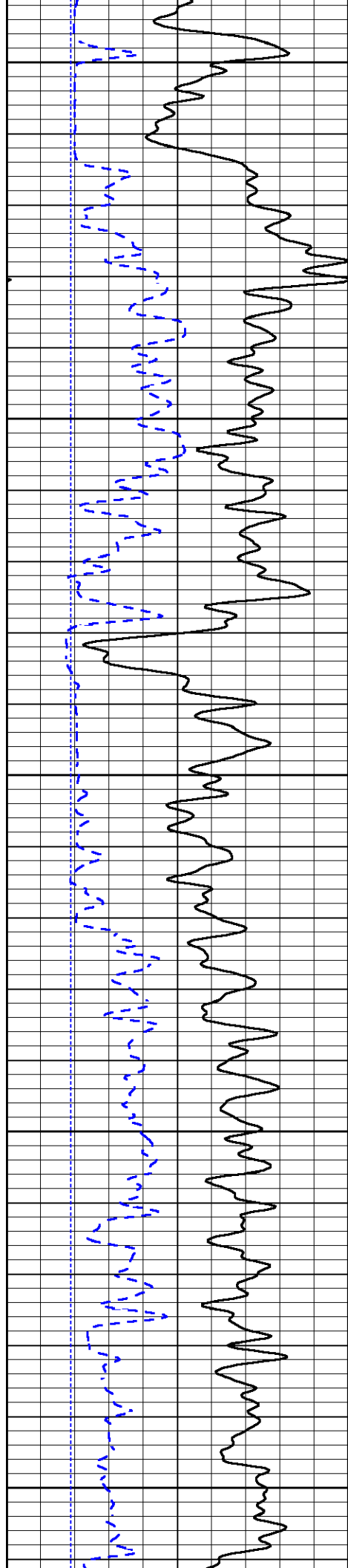
MAIN PASS

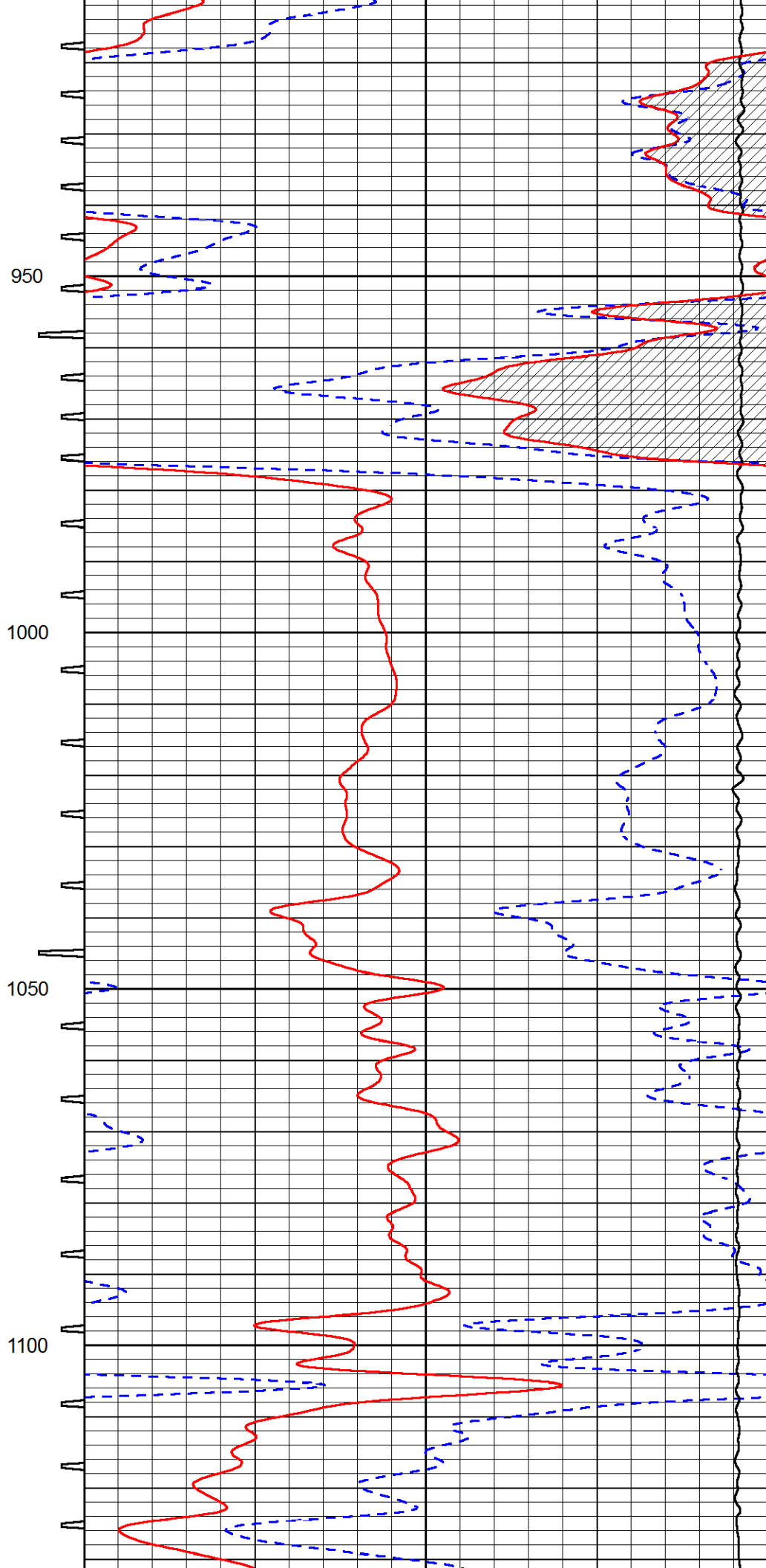
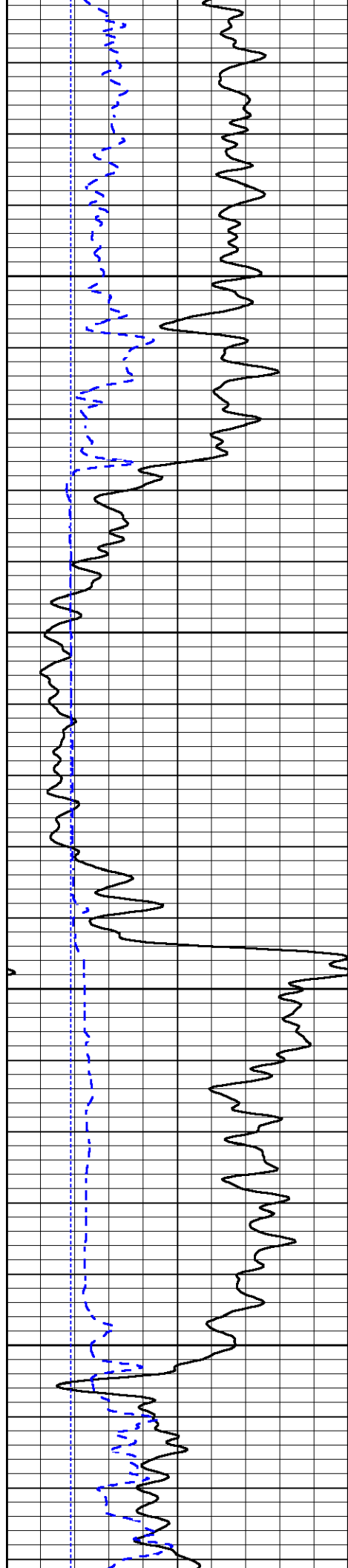
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Dataset Pathname stack/pass8.1
Presentation Format _sonic
Dataset Creation Mon May 24 07:27:58 2021
Charted by Depth in Feet scaled 1:240

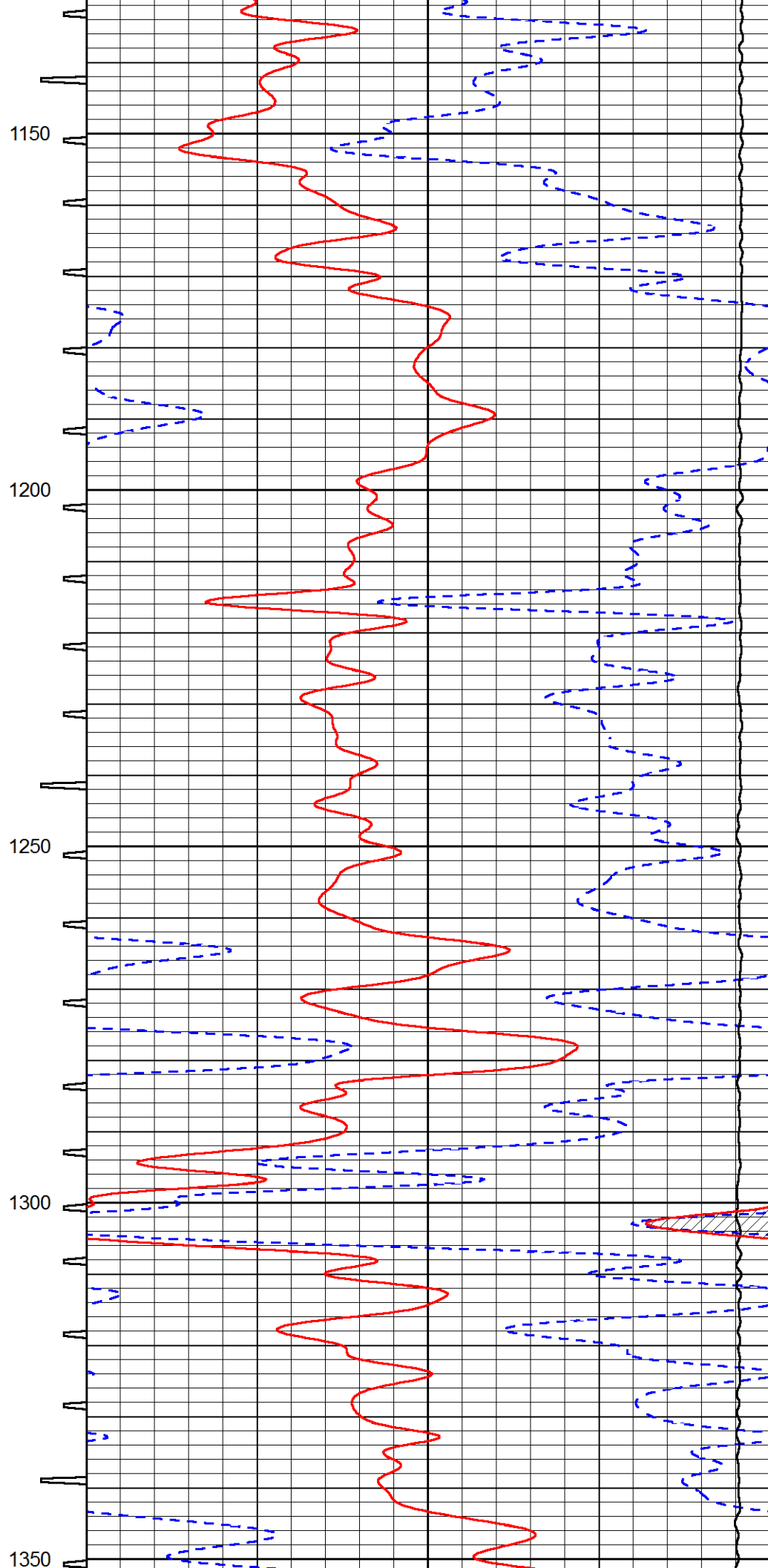
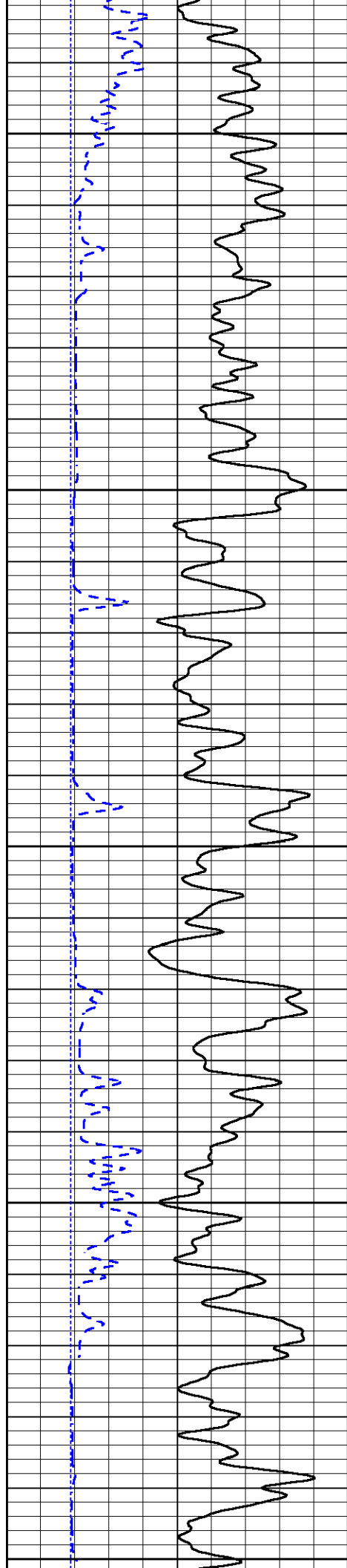
0	Gamma Ray (GAPI)	150	Sonic Int	140	Delta Time (usec/ft) (usec/ft)	40
150	GR (GAPI)	300	5 (msec) 0	30	Sonic Porosity (pu)	-10
6	DCAL (in)	16		15000	LTEN (lb) (lb)	0

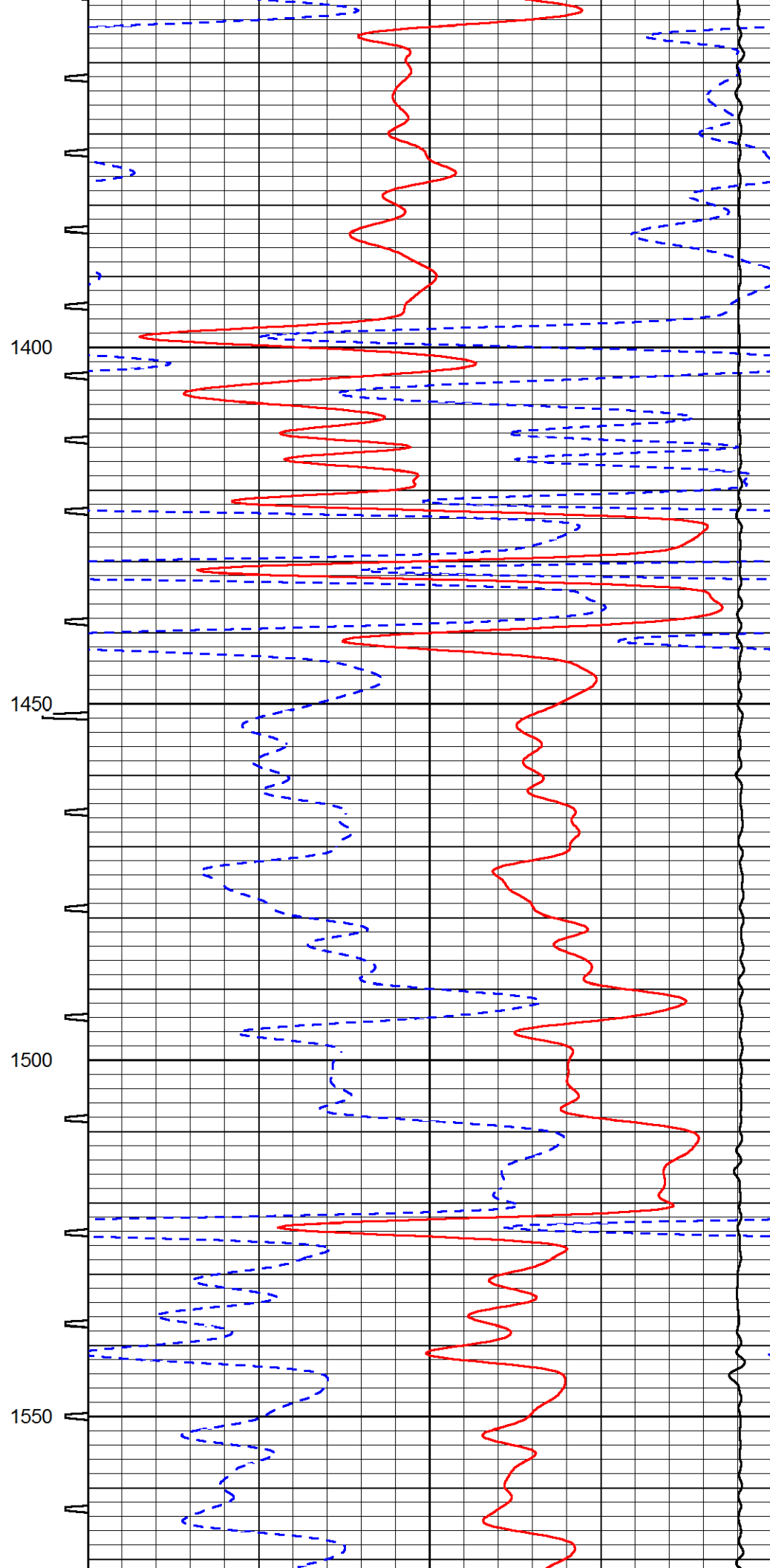
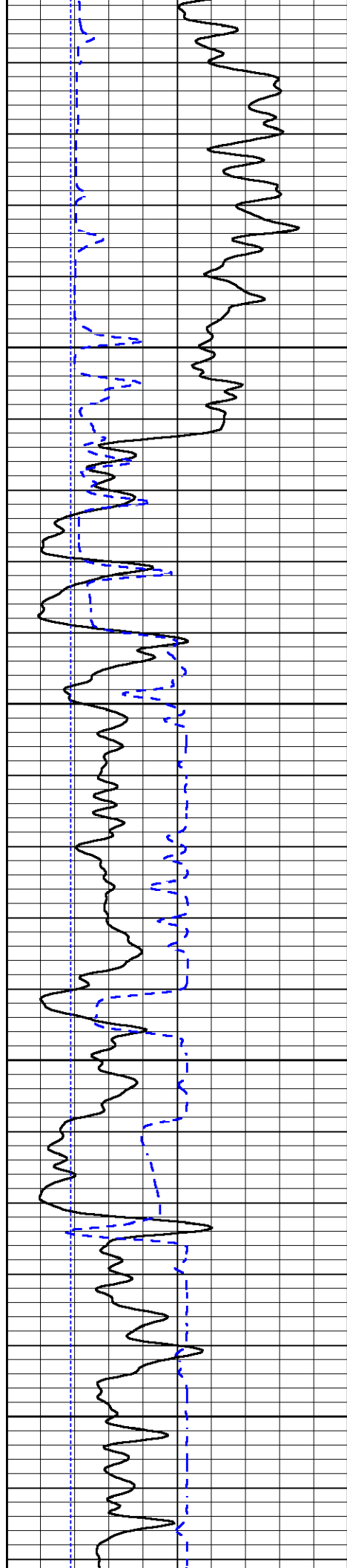


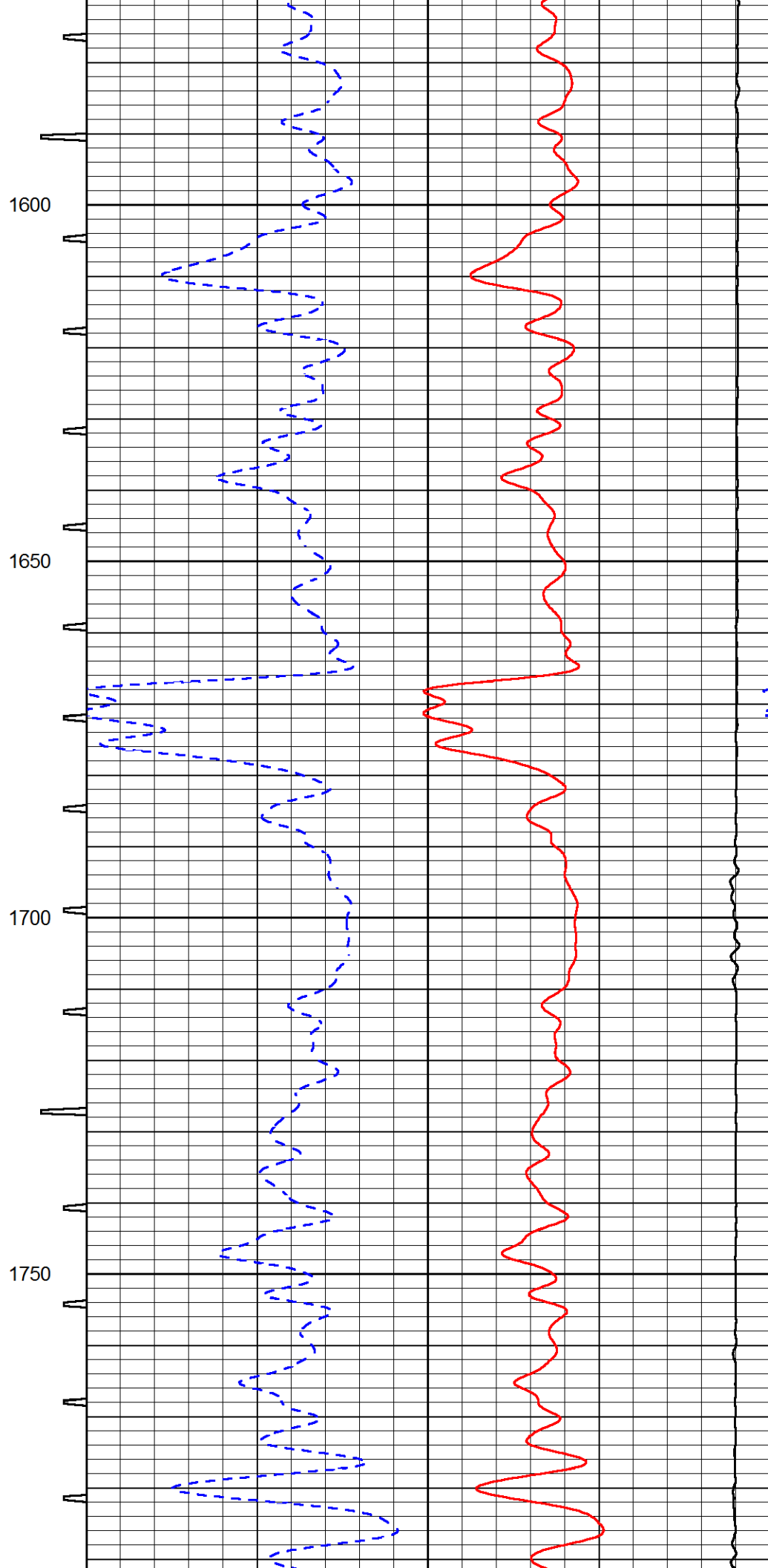
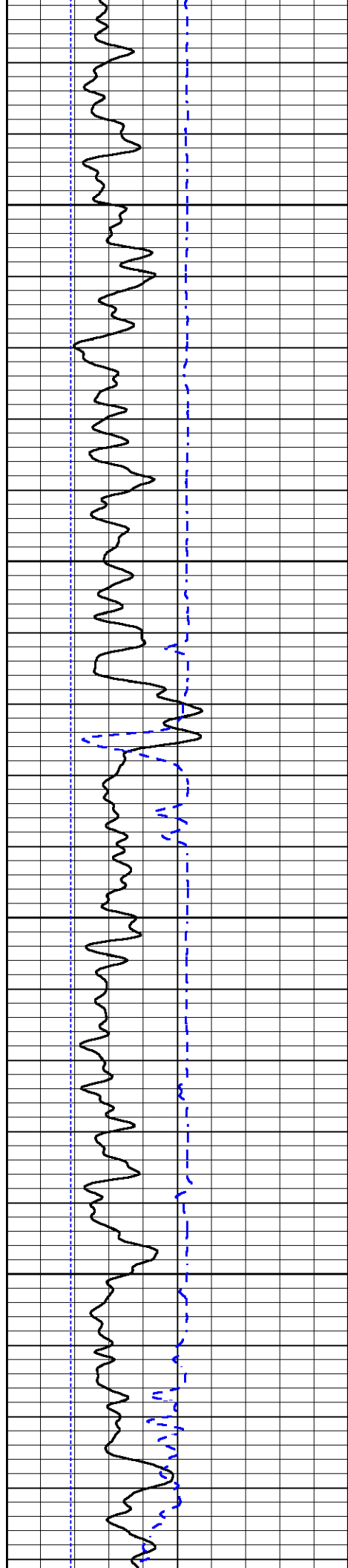


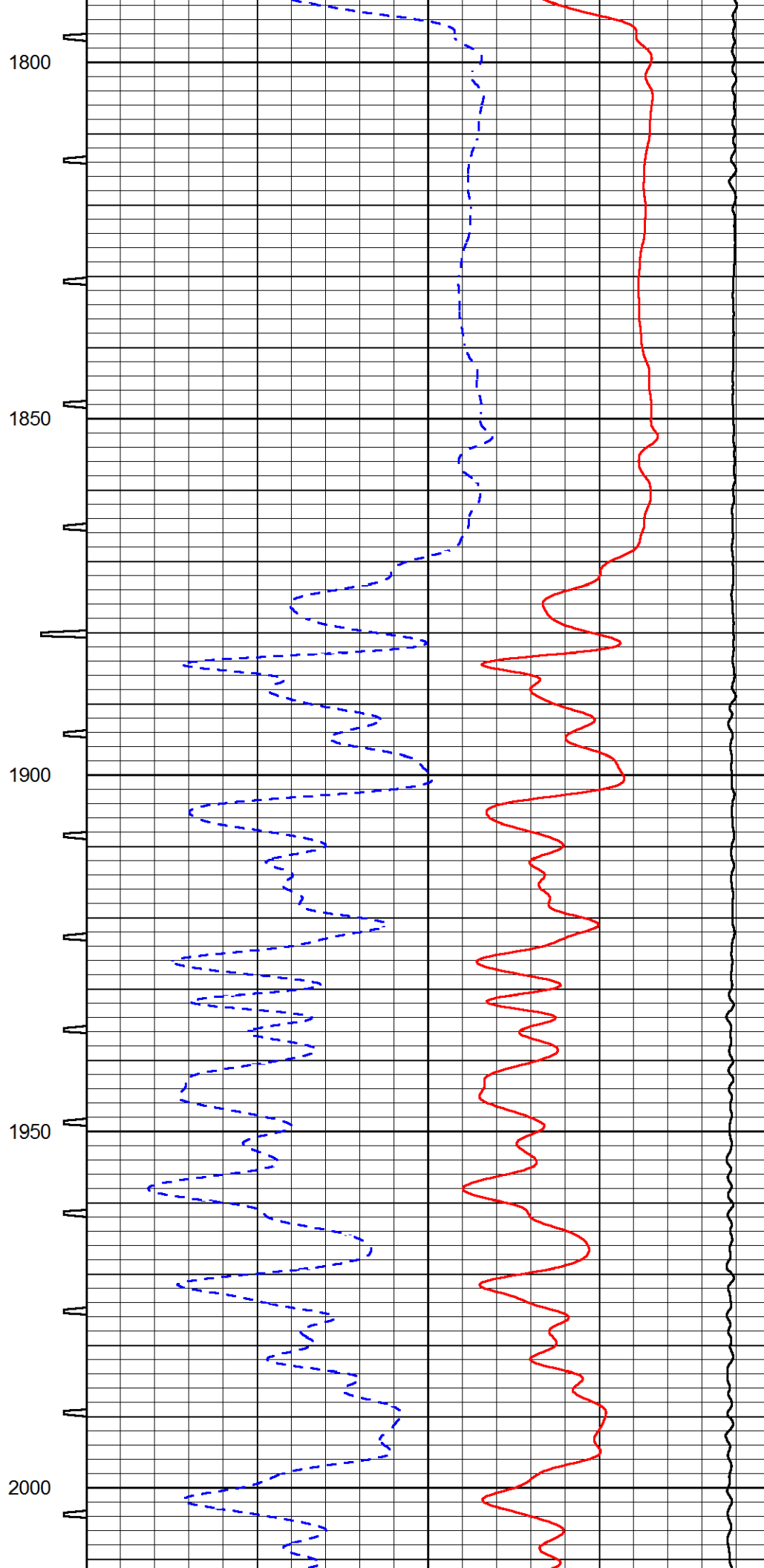
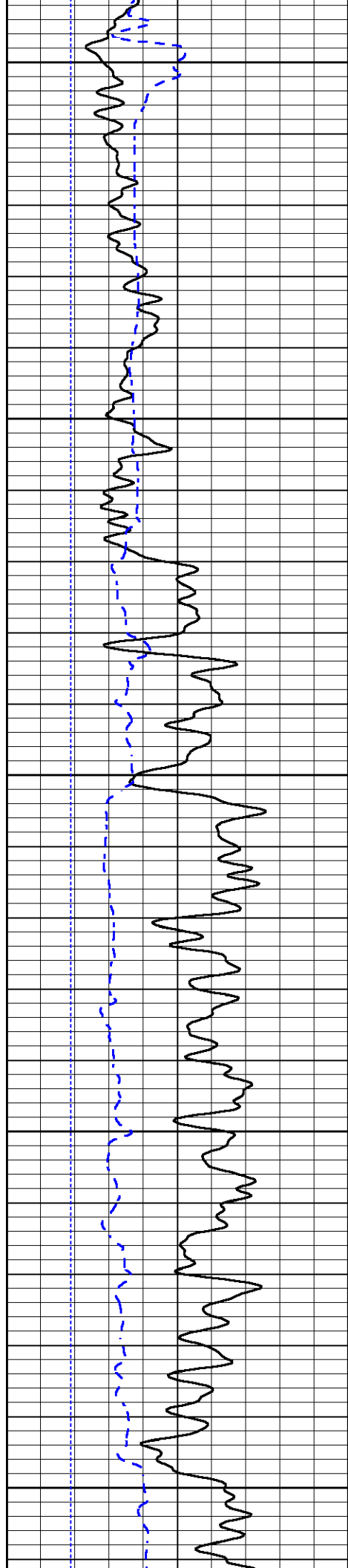


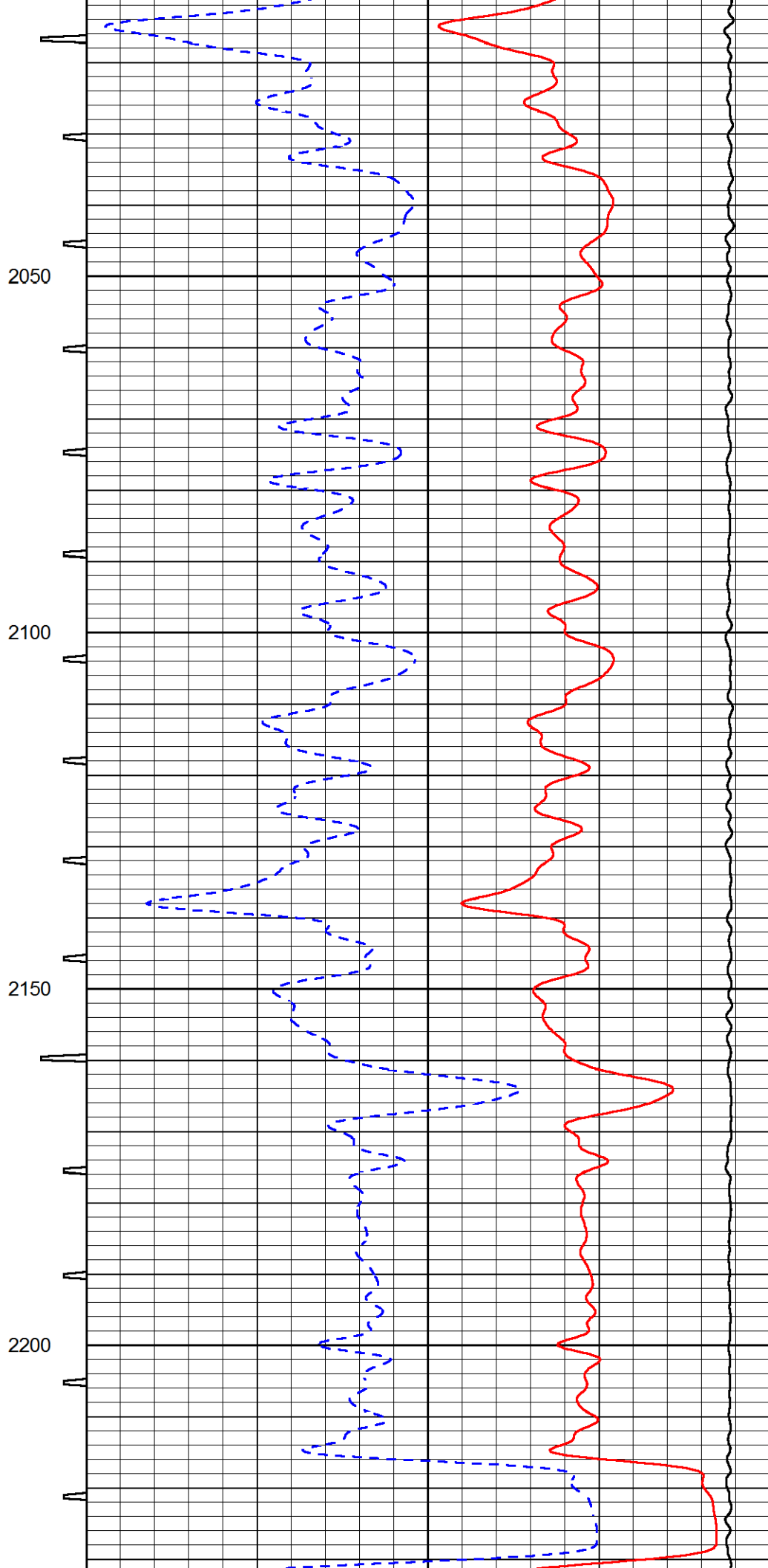
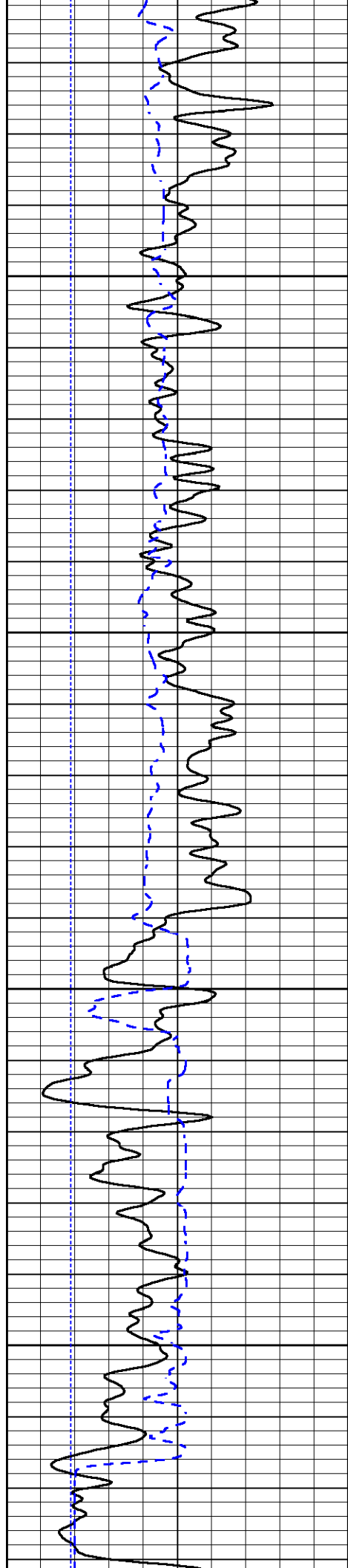


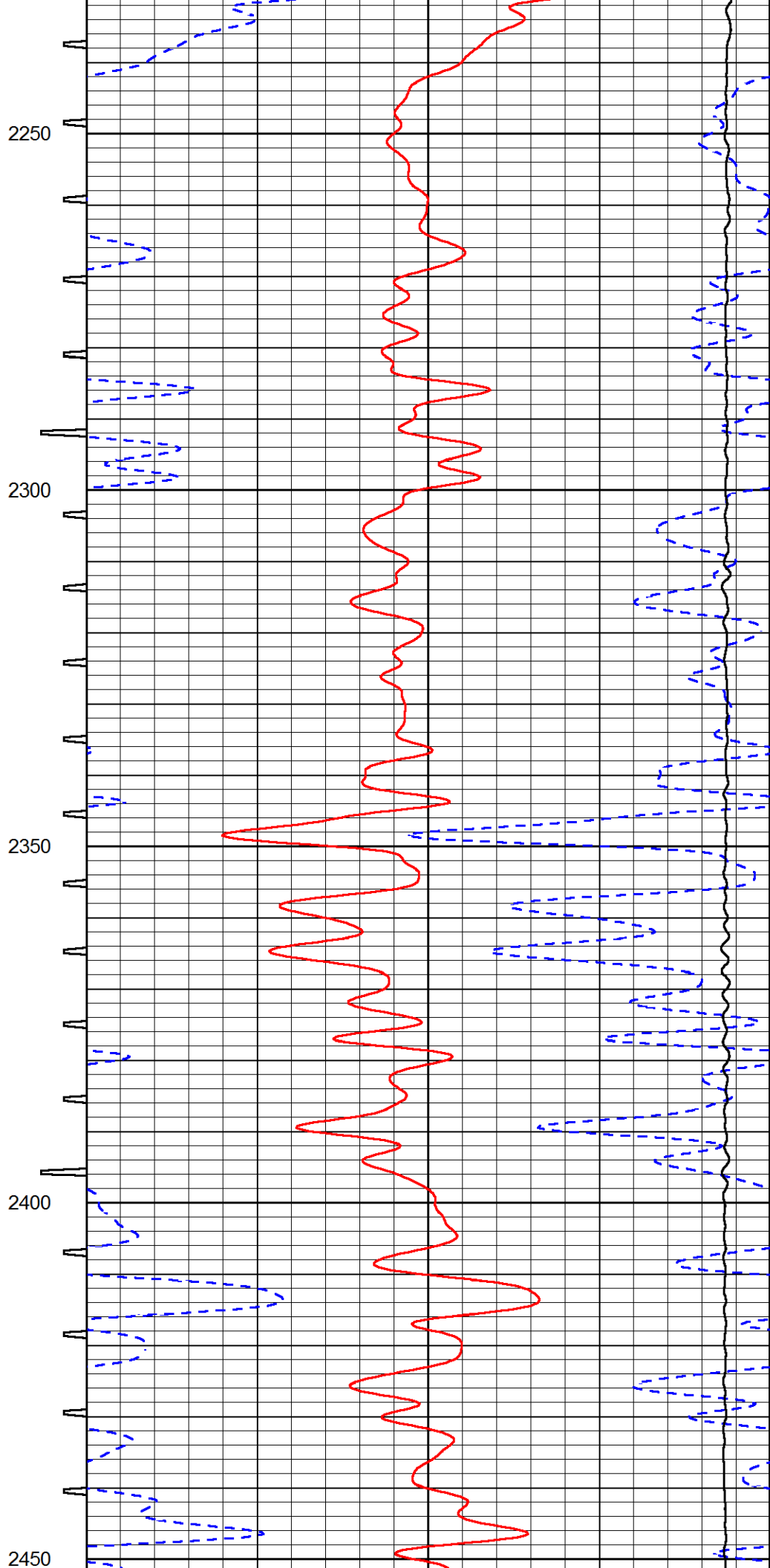
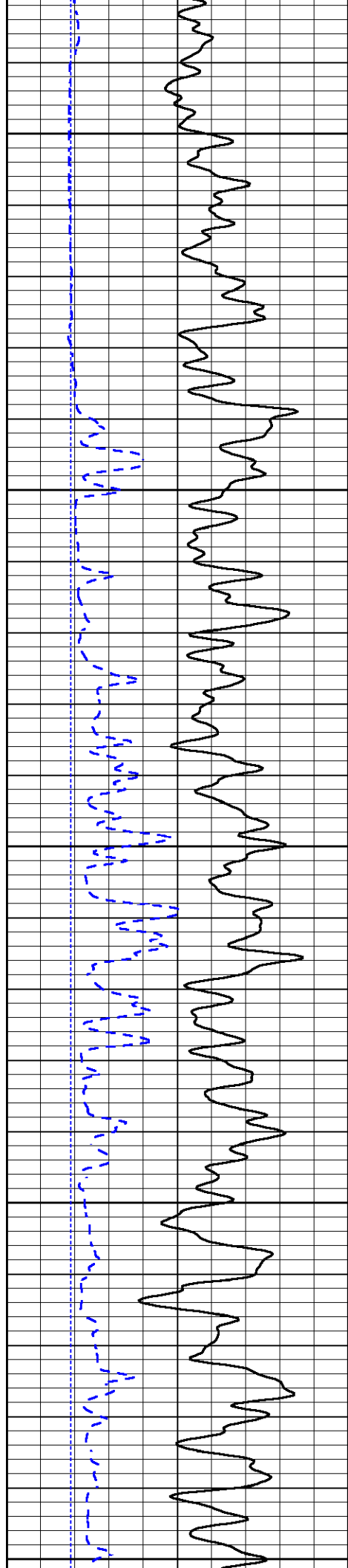


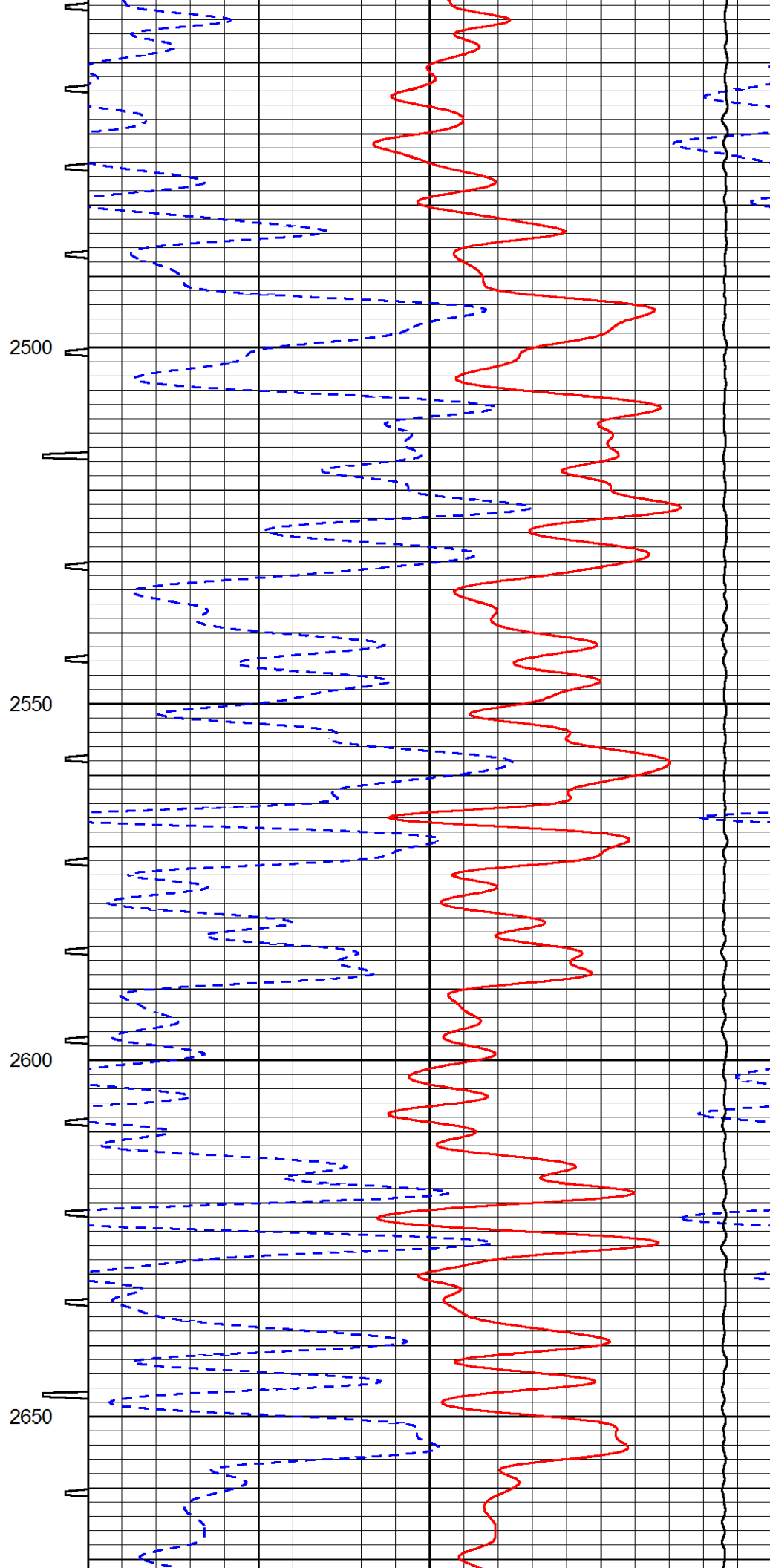
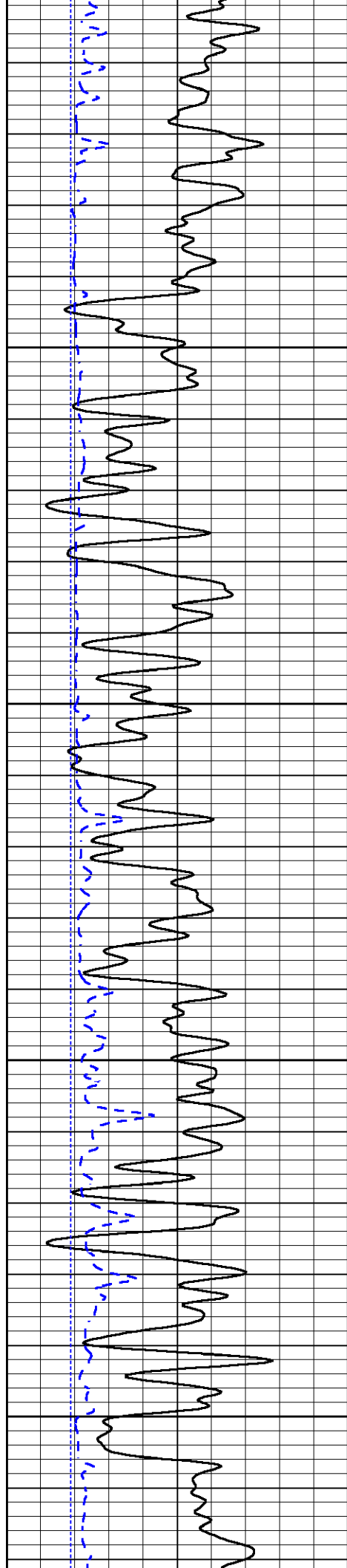


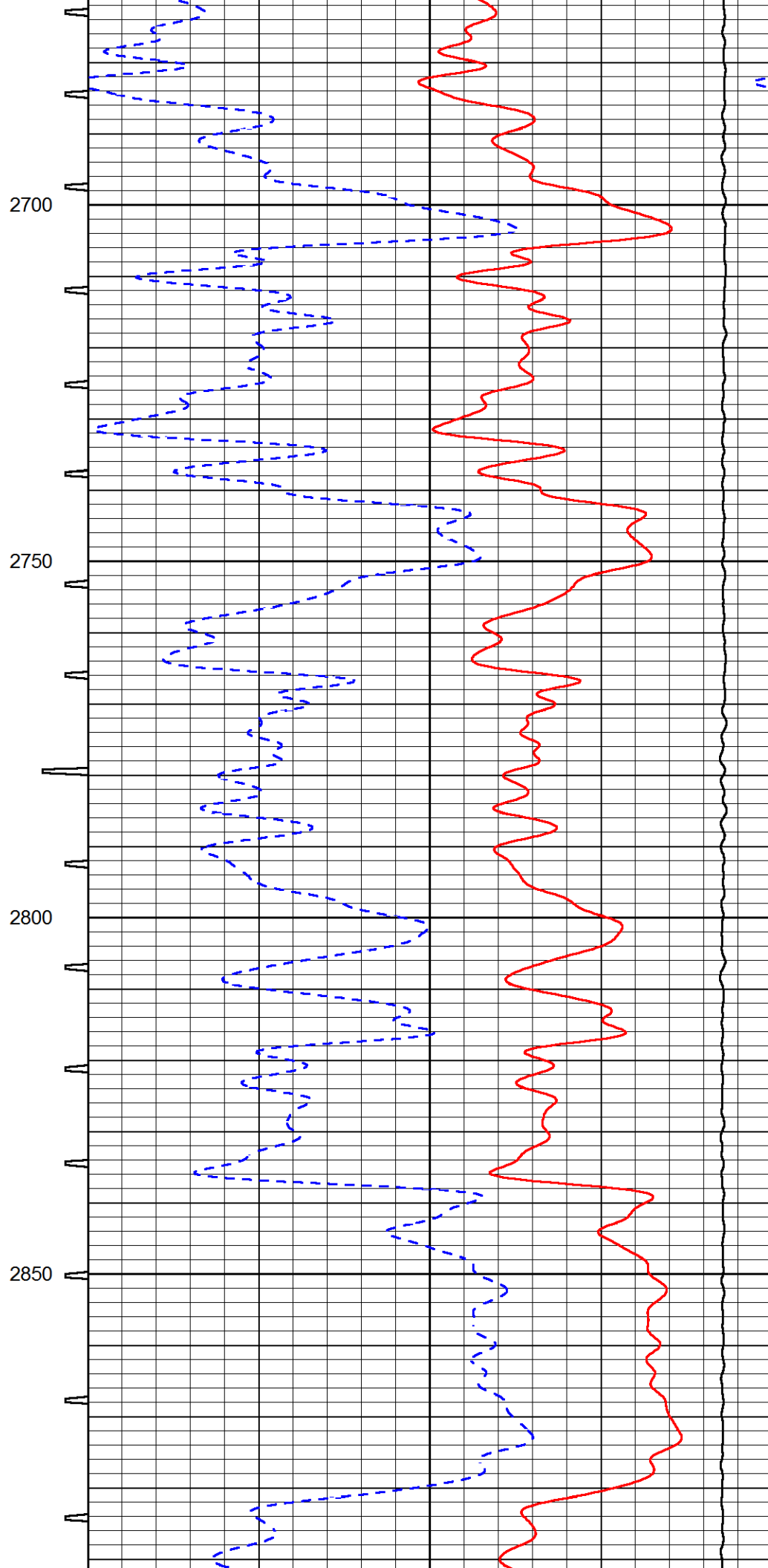
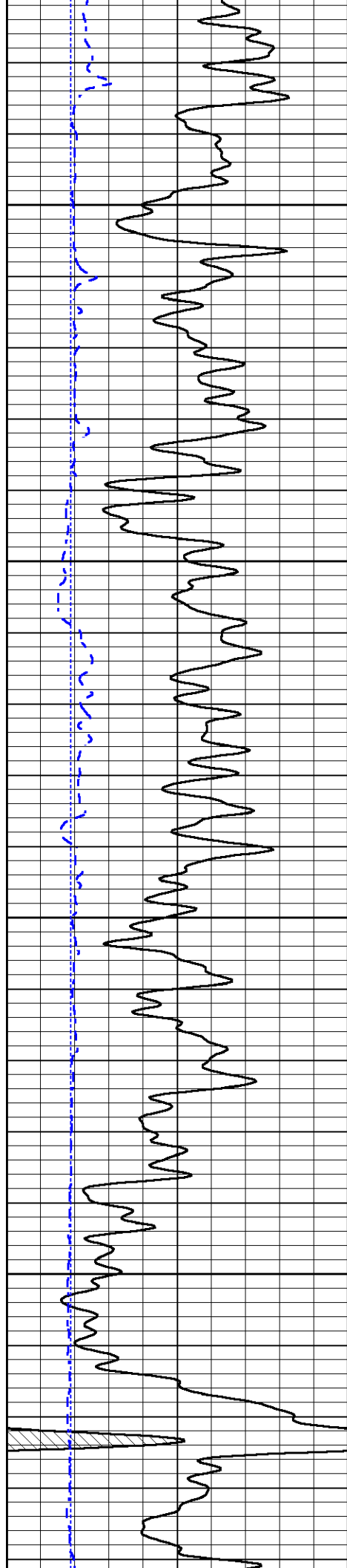


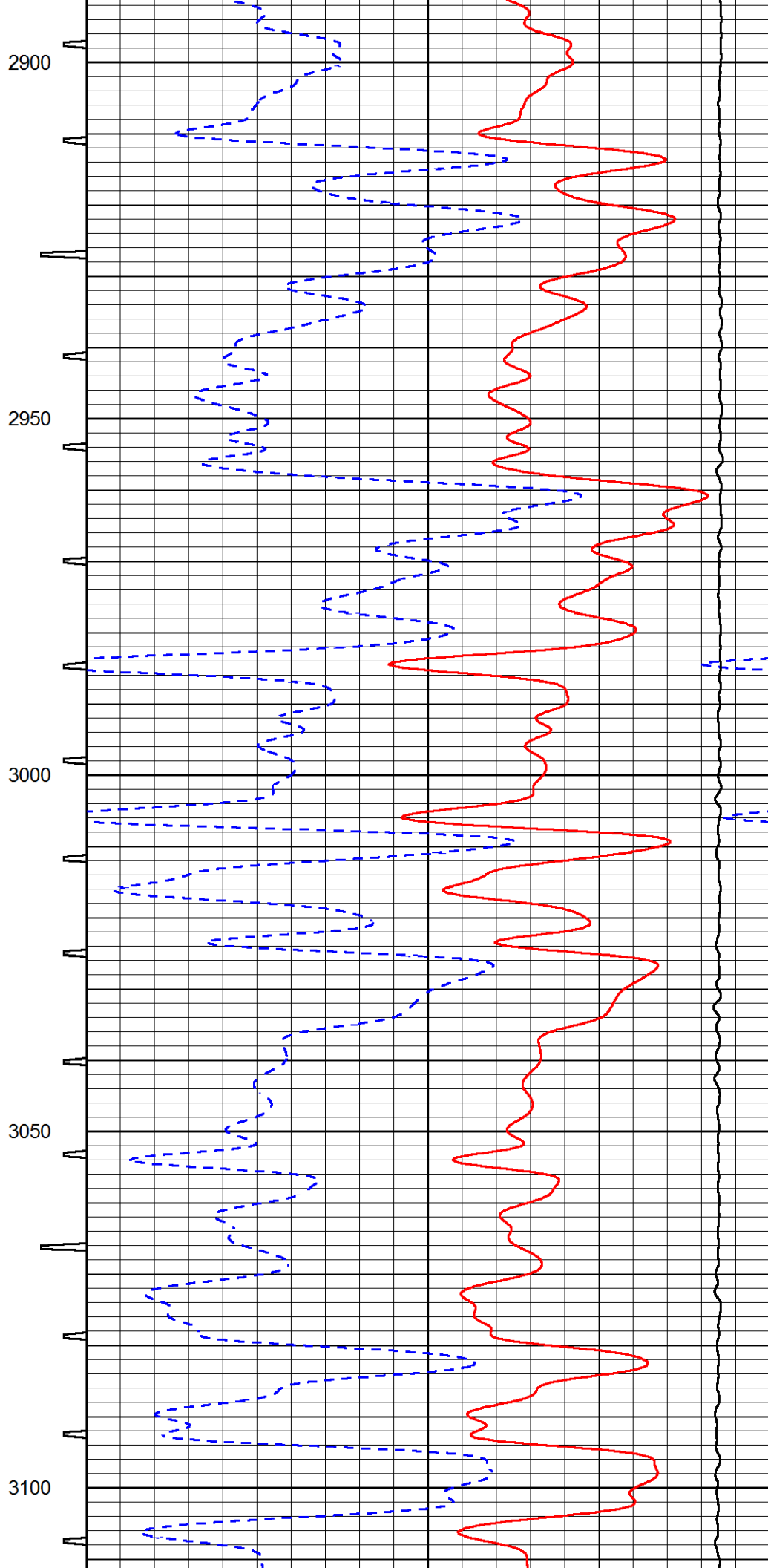
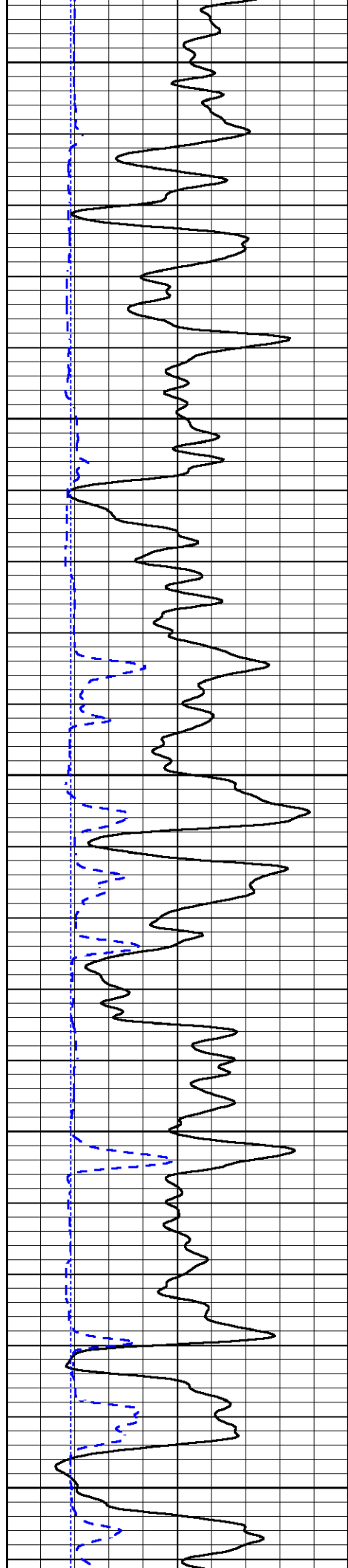


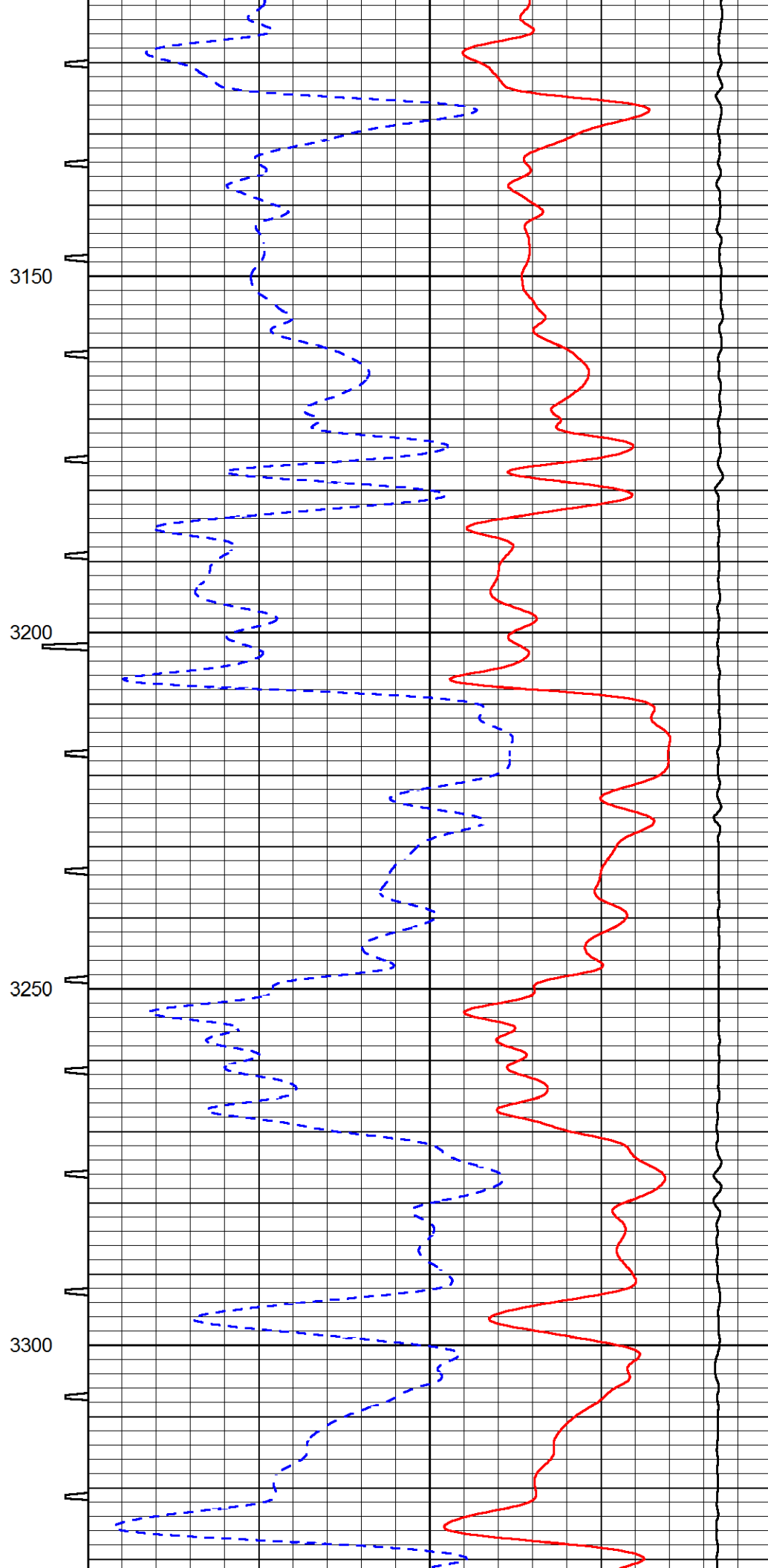
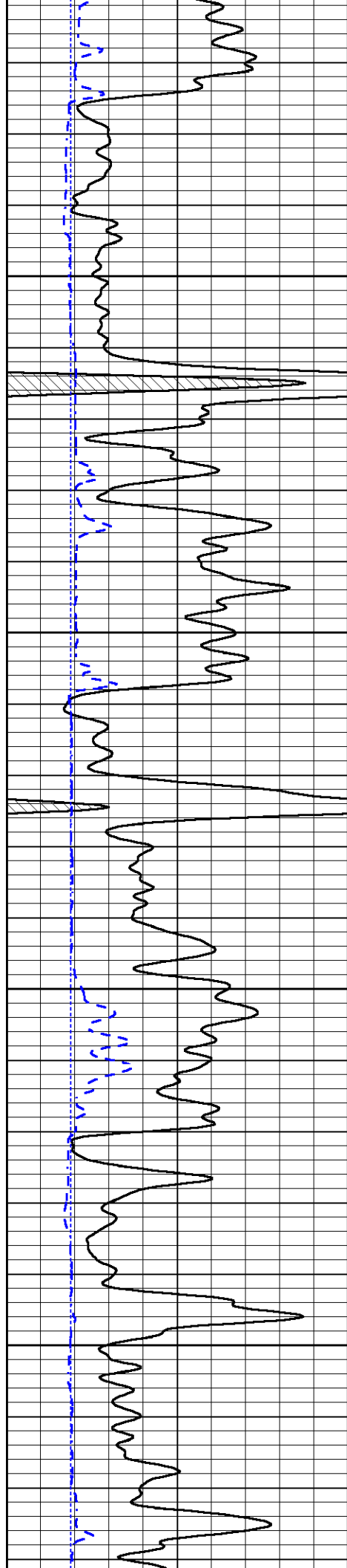


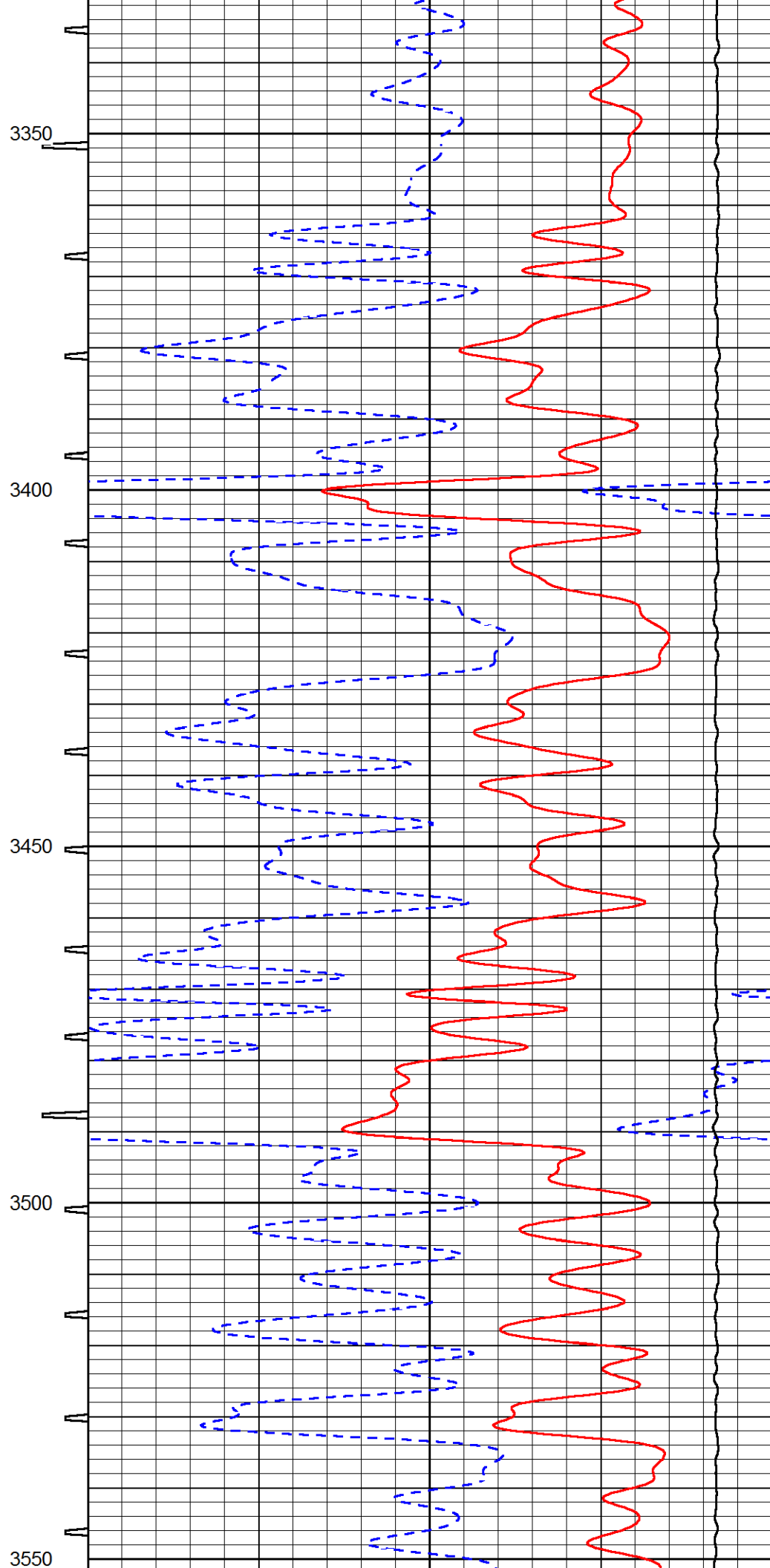
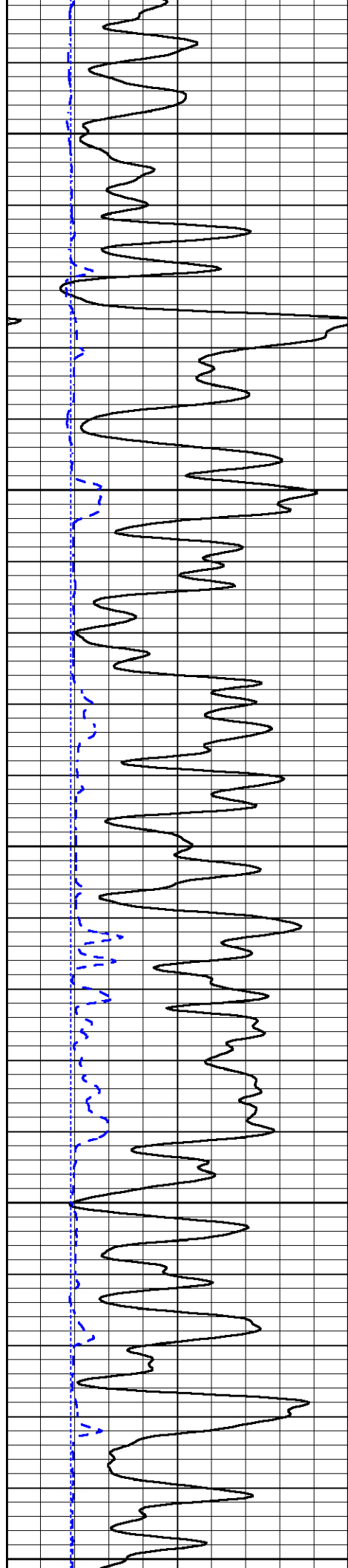


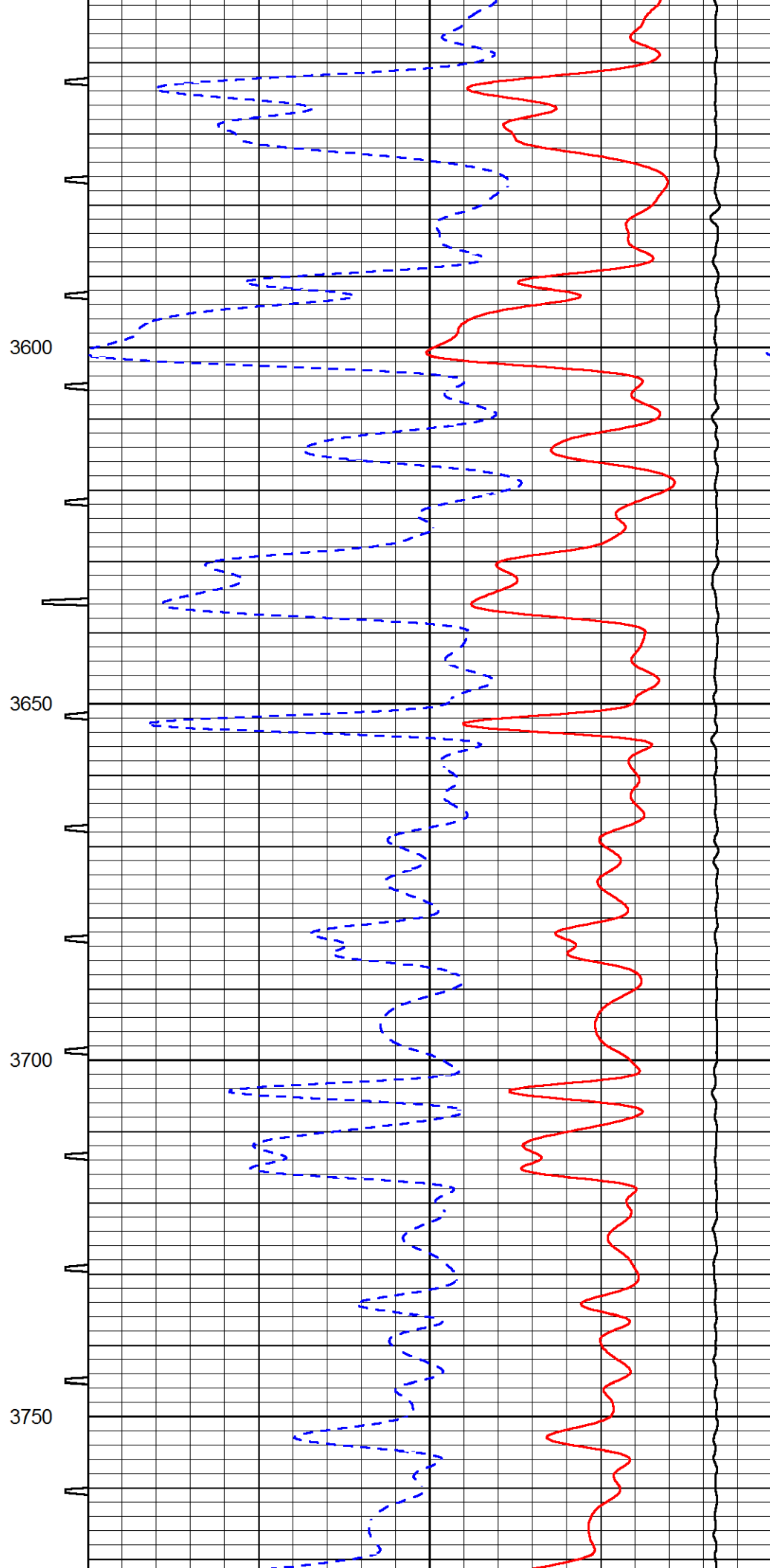
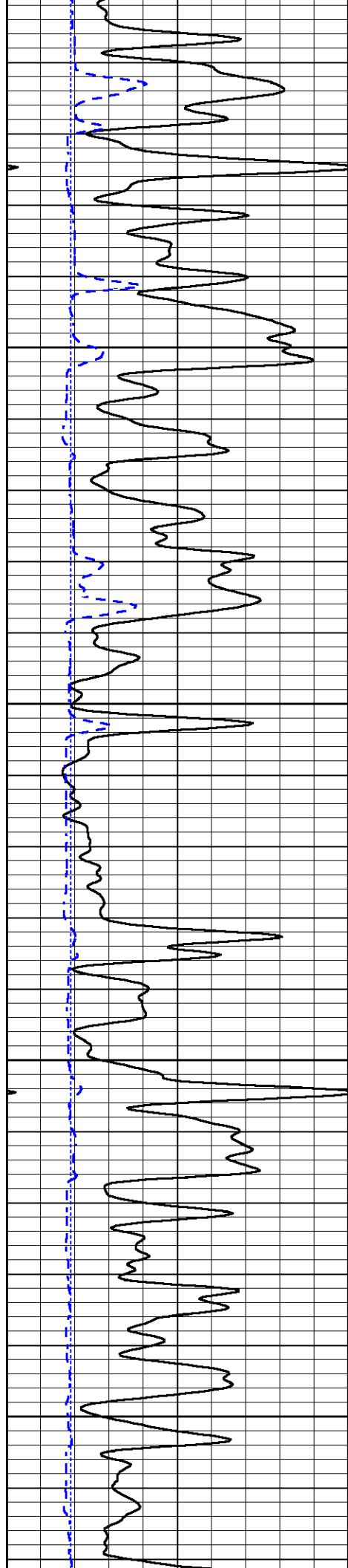


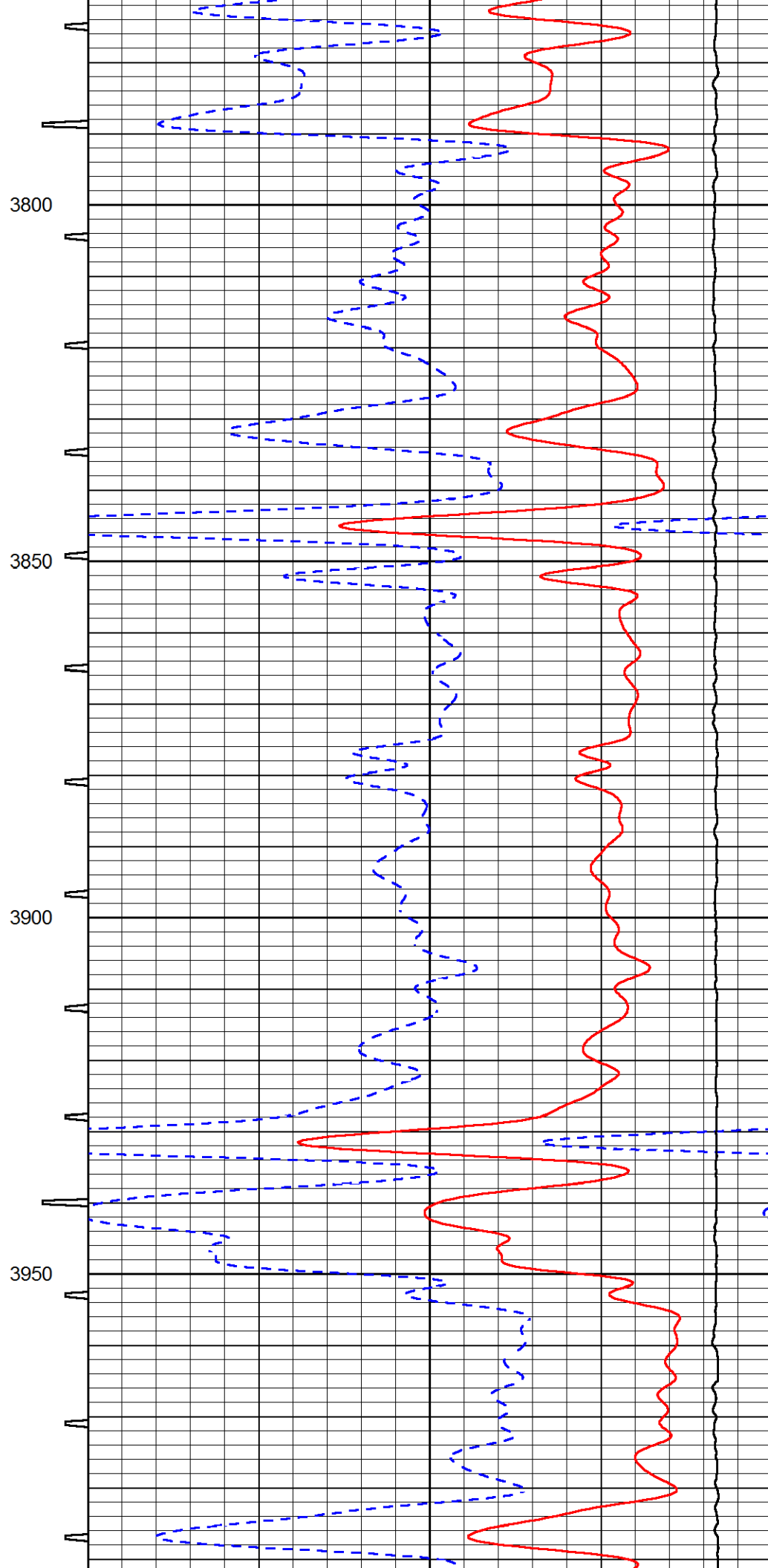
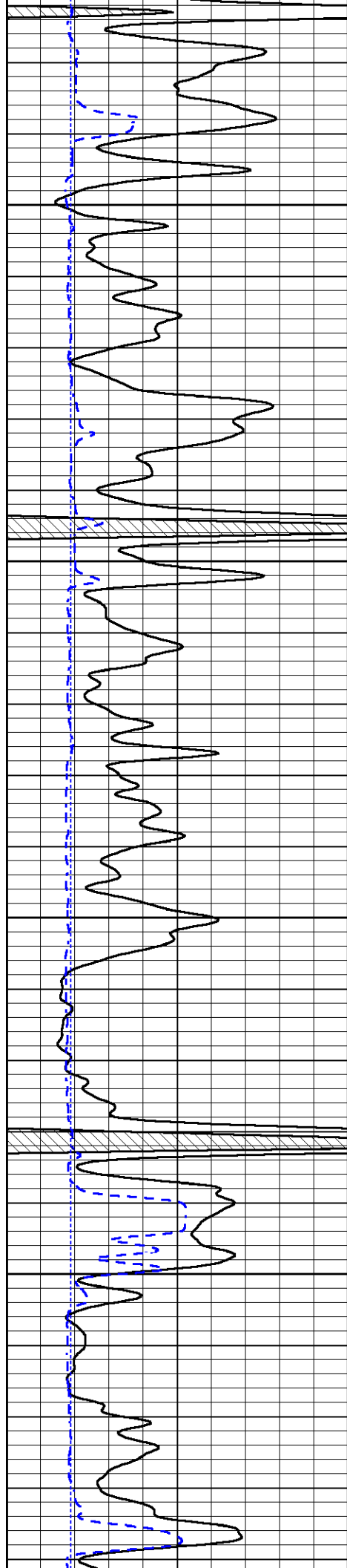


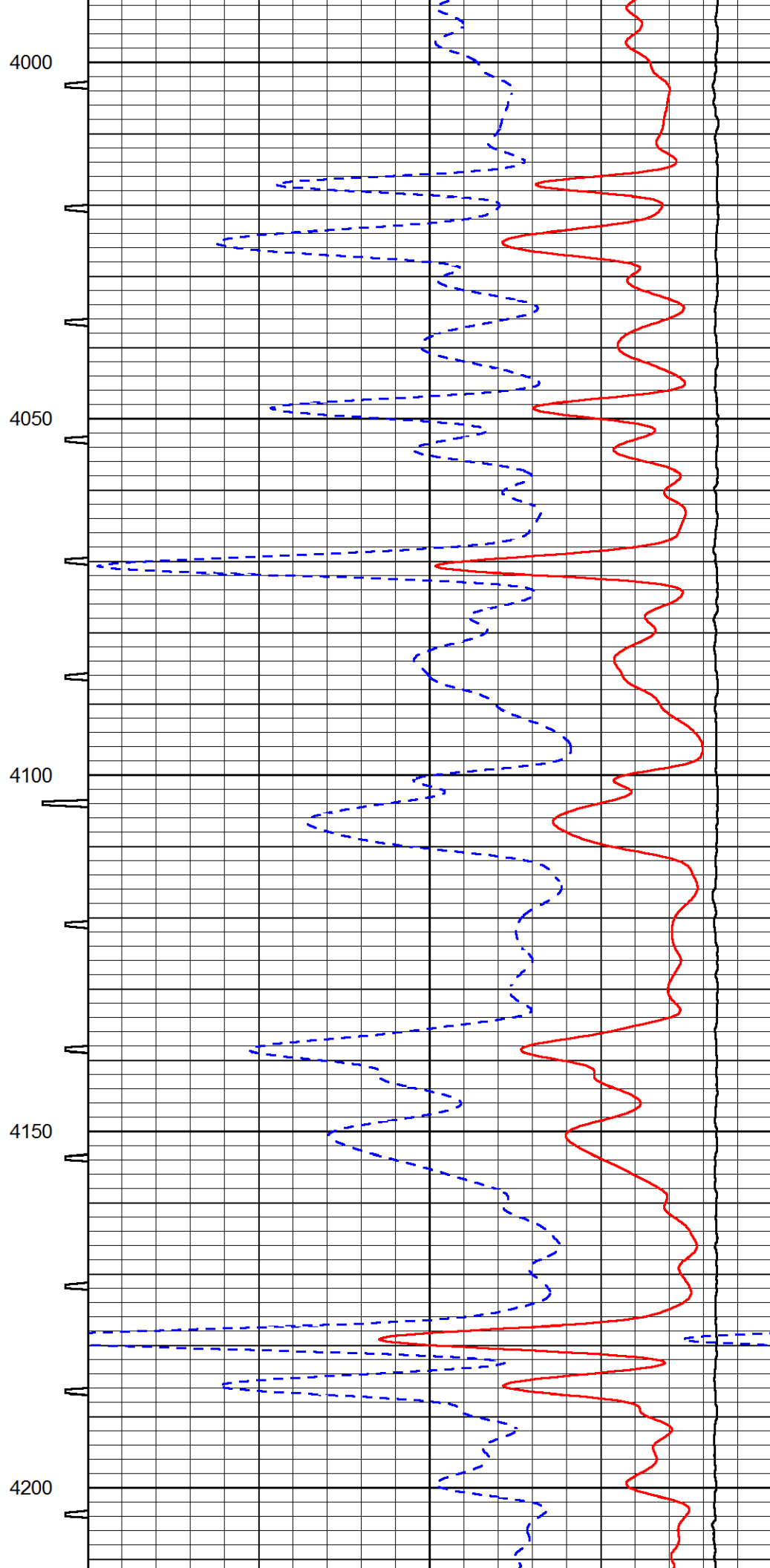
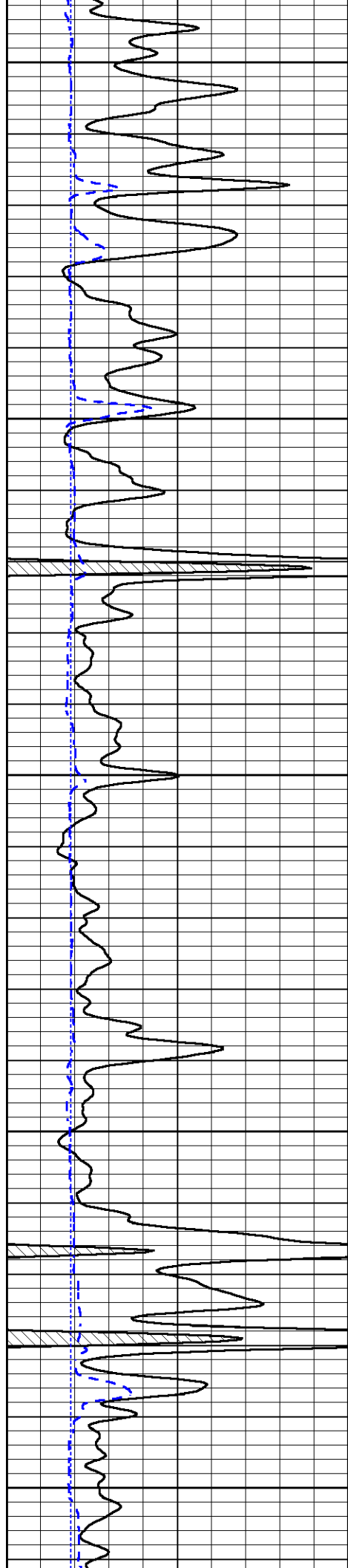


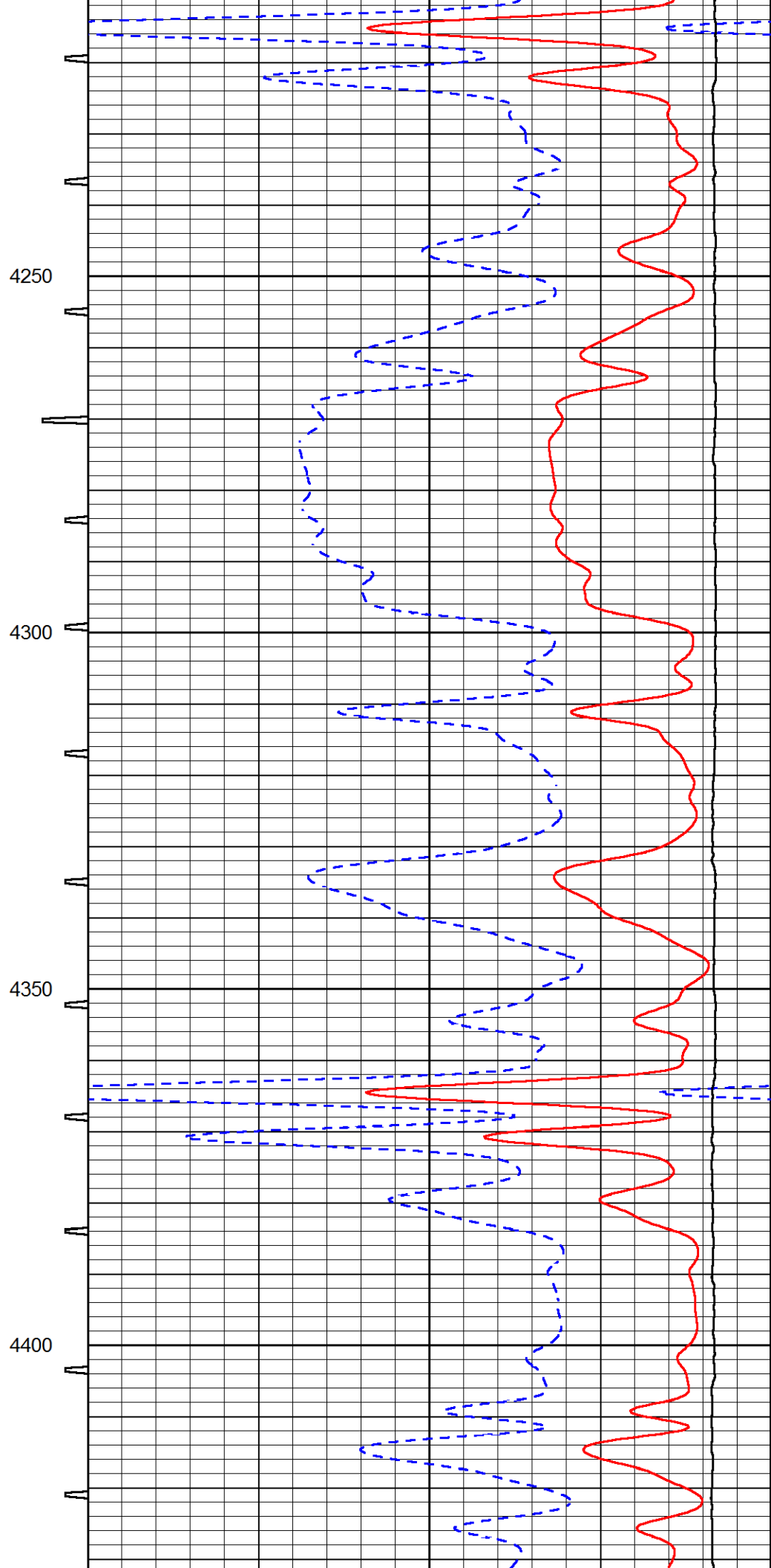
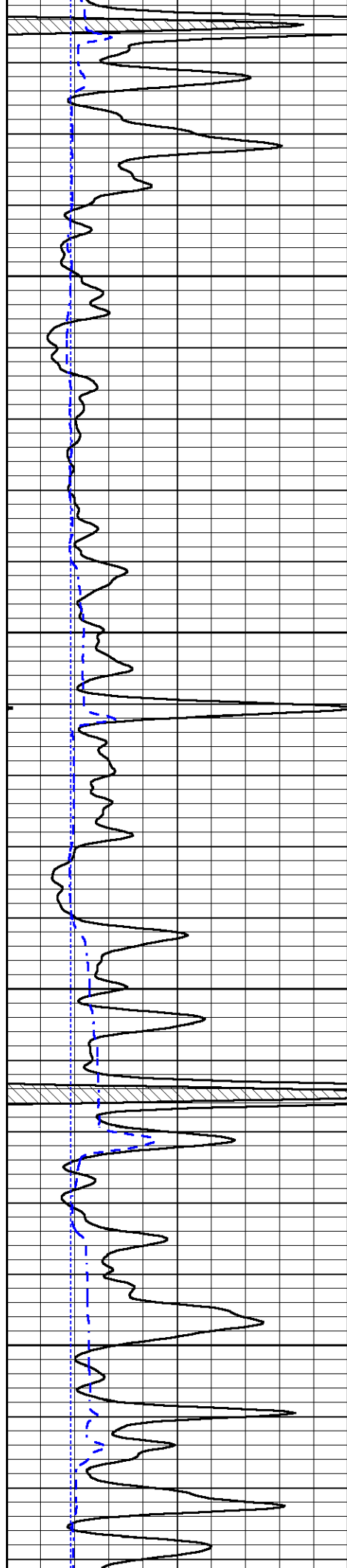


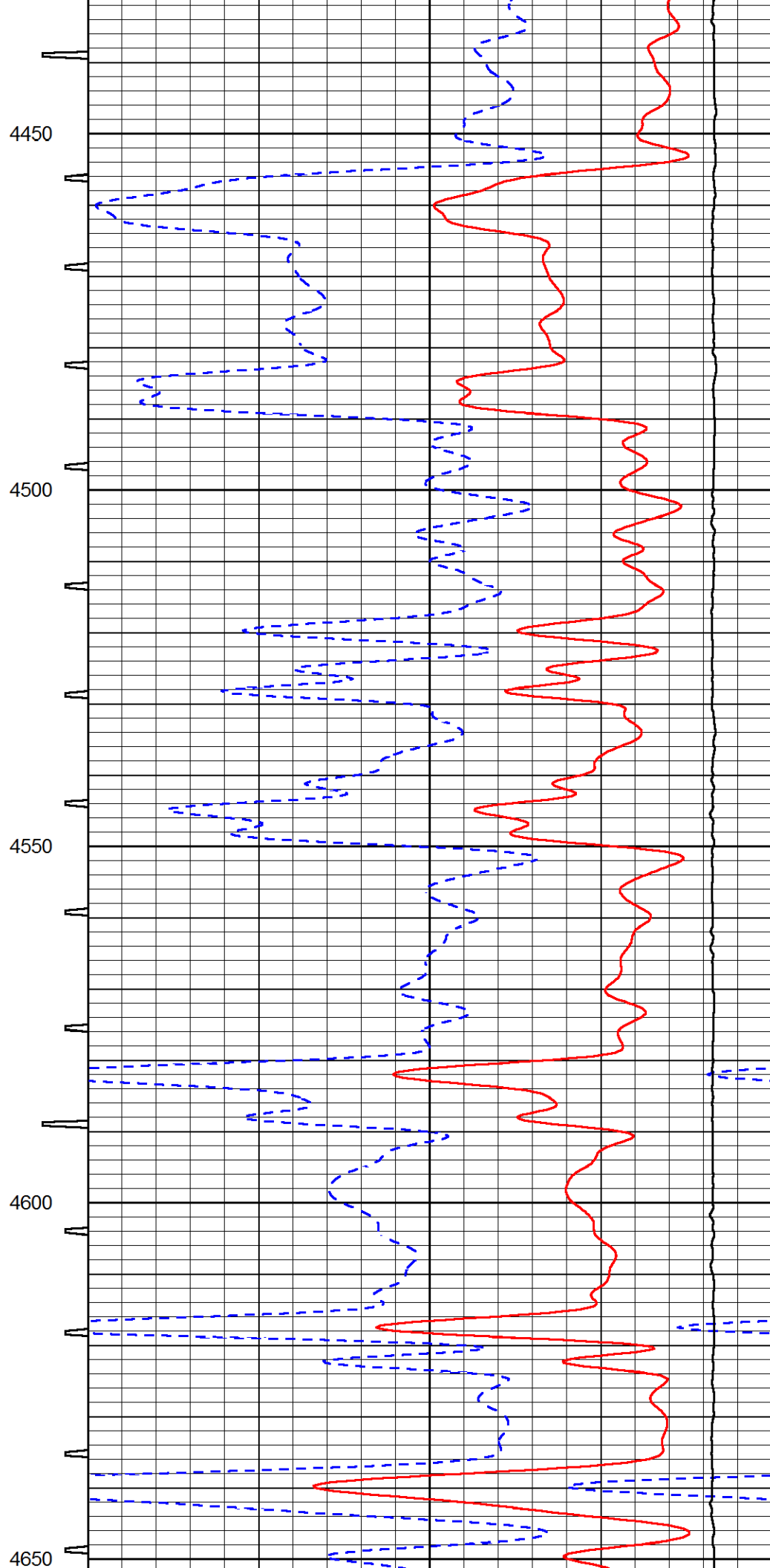
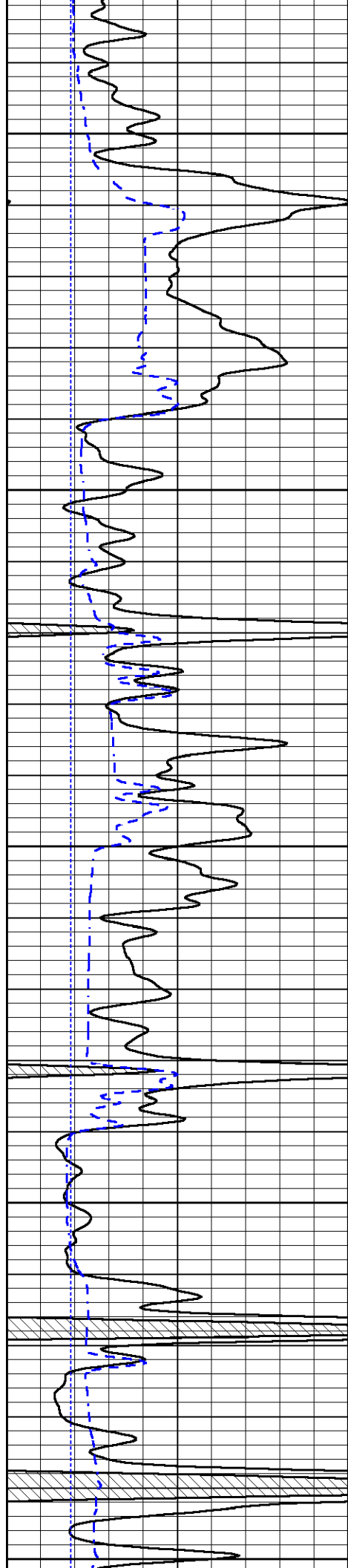


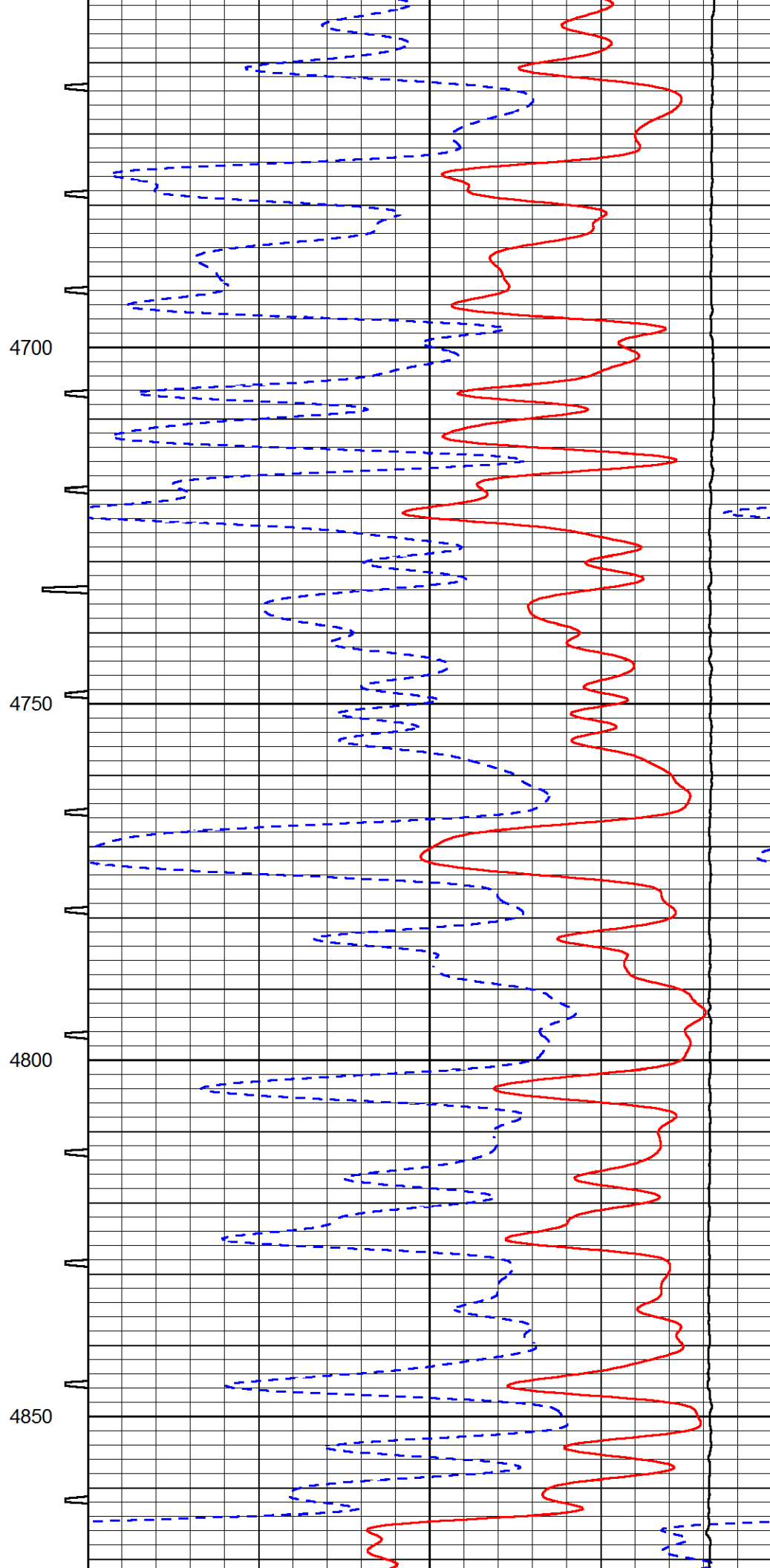
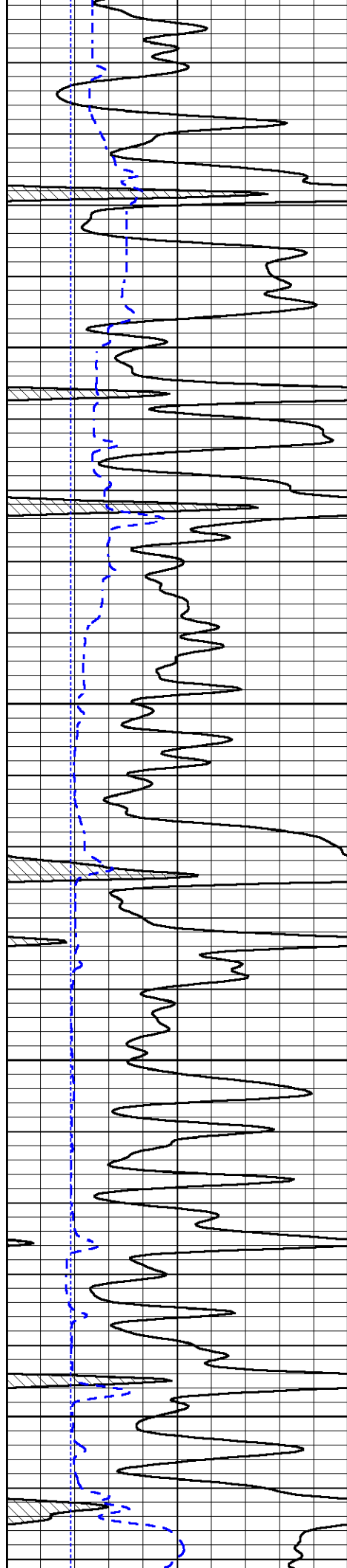


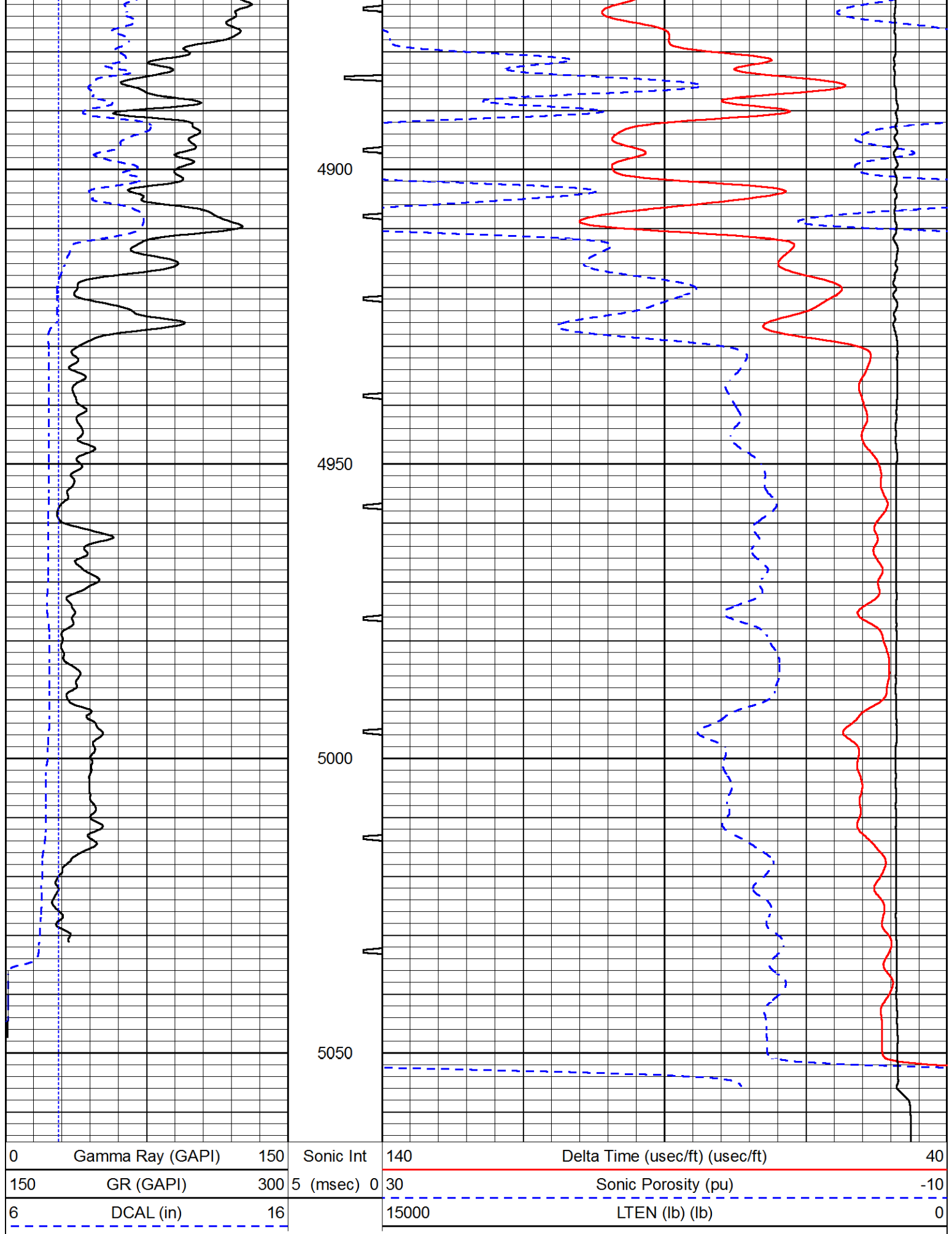












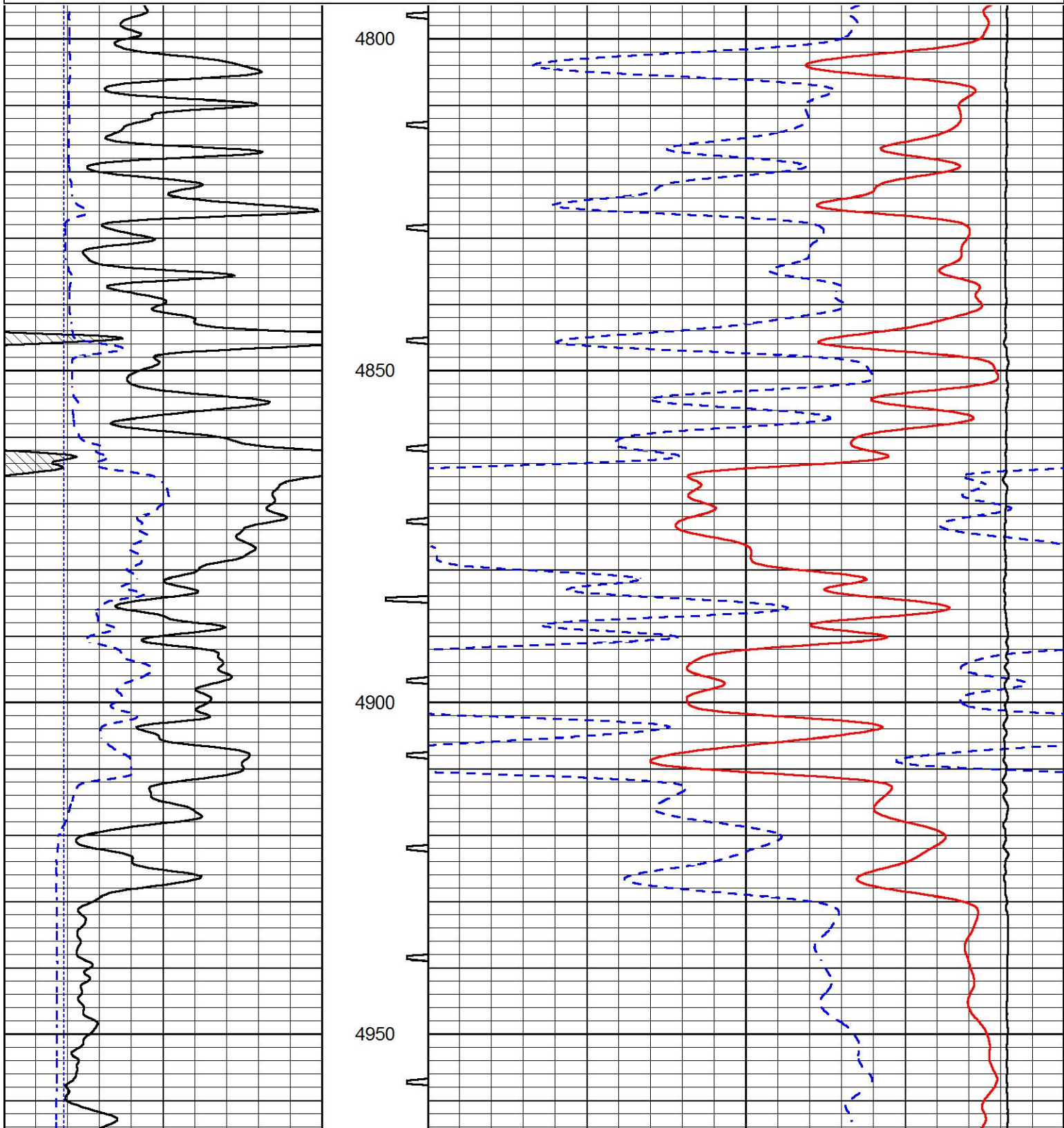


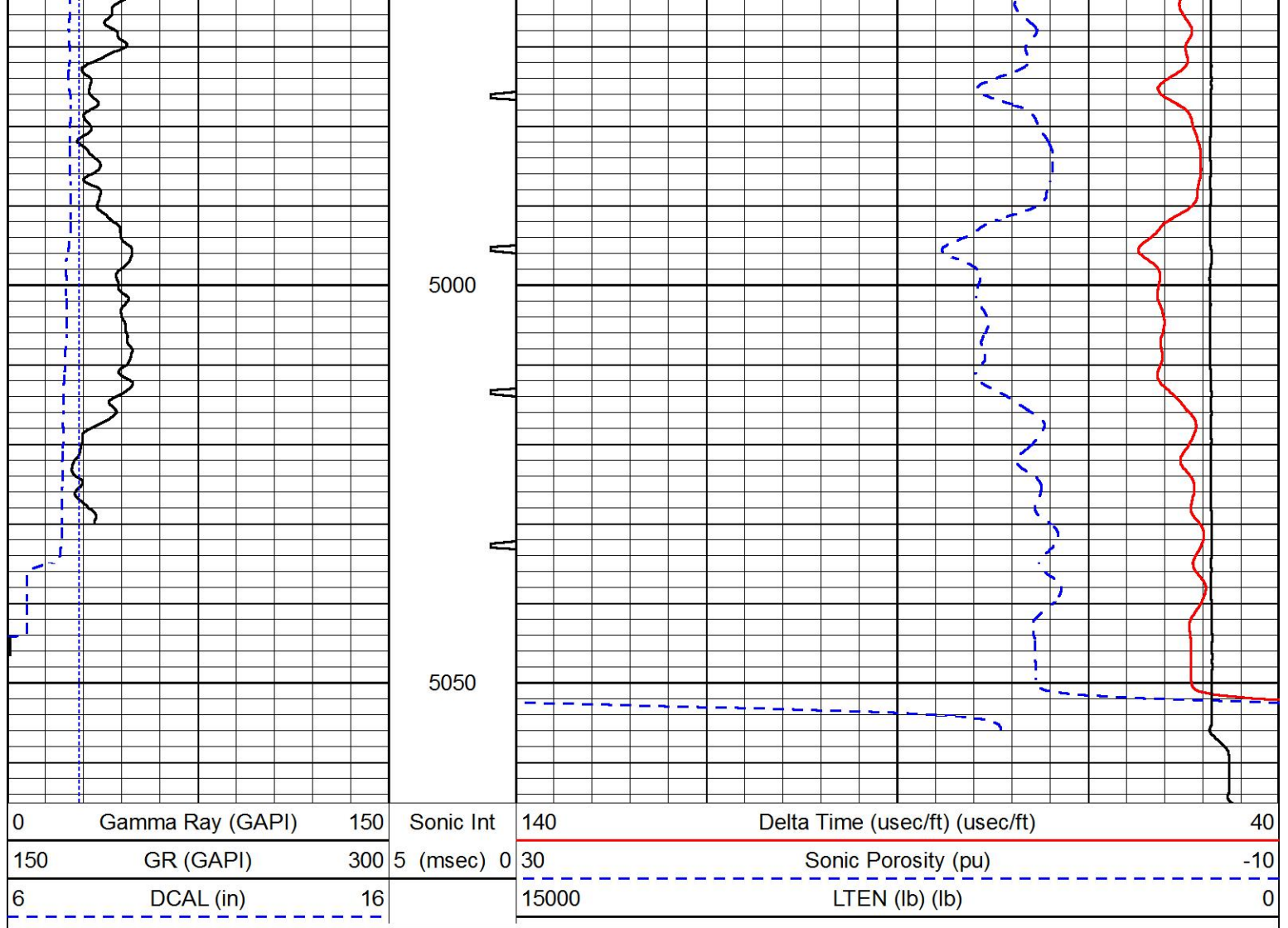
MIDWEST WIRELINE

REPEAT SECTION

Database File berexco_fks unit 1-18.db
Dataset Pathname stack/pass2.1
Presentation Format _sonic
Dataset Creation Mon May 24 05:40:56 2021
Charted by Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	Sonic Int	140	Delta Time (usec/ft) (usec/ft)	40
150	GR (GAPI)	300	5 (msec) 0	30	Sonic Porosity (pu)	-10
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