

BOREHOLE COMPENSATED SONIC LOG

MIDWEST WIRELINE

Company Carmen Schmitt, Inc.
Well Sunray #1-28
Field Wildcat
County Greeley
State Kansas

Company Carmen Schmitt, Inc.
Well Sunray #1-28
Field Wildcat
County Greeley
State Kansas

Location: API #: 15-071-20894-00-00

Other Services

500' FSL & 2310' FWL
SEC 28 TWP 16S RGE 41W

DIL/MEL
CNL/CDL

Permanent Datum Ground Level Elevation 3761'
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing

K.B. 3769'
D.F. N/A
G.L. 3761'

Date 6/7/2021

Run Number Two

Type Log BHCS

Depth Driller 5230'

Depth Logger 5236'

Bottom Logged Interval 5219'

Top Logged Interval 300'

Type Fluid In Hole Chemical

Salinity, PPM CL 6800

Density 9.1

Level Full

Max. Rec. Temp. F 128 Deg/F

Operating Rig Time 5 Hours

Equipment -- Location P-108 HAYS

Recorded By J. Henrickson

Witnessed By Brad Rine

Borehole Record

Casing Record

Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25"	00	307'	8.625"	24#	0	307'
Two	7.875"	307'	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.

Tribune Kansas
North to D Road, 6 West, 2 South, East Into

Log Measured From: Kelly Bushing 8 Ft. Above Permanent Datum

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

Your Midwest Wireline Crew

Engineer: J. Henrickson
Operator:
Operator:
Operator:

This Log Record Was Witnessed By

Primary Witness: Brad Rine
Secondary Witness:
Secondary Witness:
Secondary Witness:

Log Variables

DatabaseC:\ProgramData\Warrior\Data\carmen_schmitt_sunray_1_28.db
Dataset field/well/stackml/pass4.1/_vars_

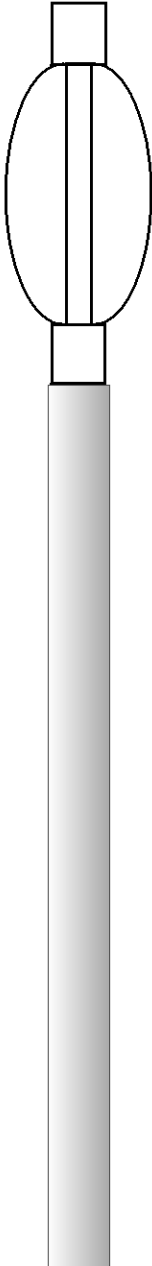
Top - Bottom

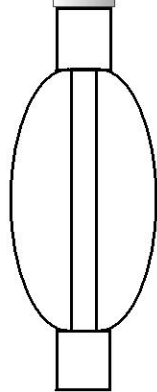
A	BOREID in	BOTTEMP degF	CASEOD in	CASETHCK in	FLUIDDEN g/cc	M	MATRXDEN g/cc
1	7.875	124	5.5	0	1	2	2.71
NPORSEL	PERFS	SNDERR mmho/m	SNDERRM mmho/m	SPSHIFT mV	SRFTEMP degF	SZCOR	TDEPTH ft
Limestone	No	0	0	290	67	Off	5236

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

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CENT-PENGO (3-PENGO)	5.50	3.00	70.00
WVF4 WVF1	13.50 13.50		SLT-PENGO (0001)	16.00	3.50	300.00
WVF3 WVF2	11.50 11.50					



CENT-PENGO (4-PENGO)

5.50

3.00

70.00

Dataset: carmen_schmitt_sunray_1_28.db: field/well/sonic/pass2
Total length: 27.00 ft
Total weight: 440.00 lb
O.D.: 3.50 in

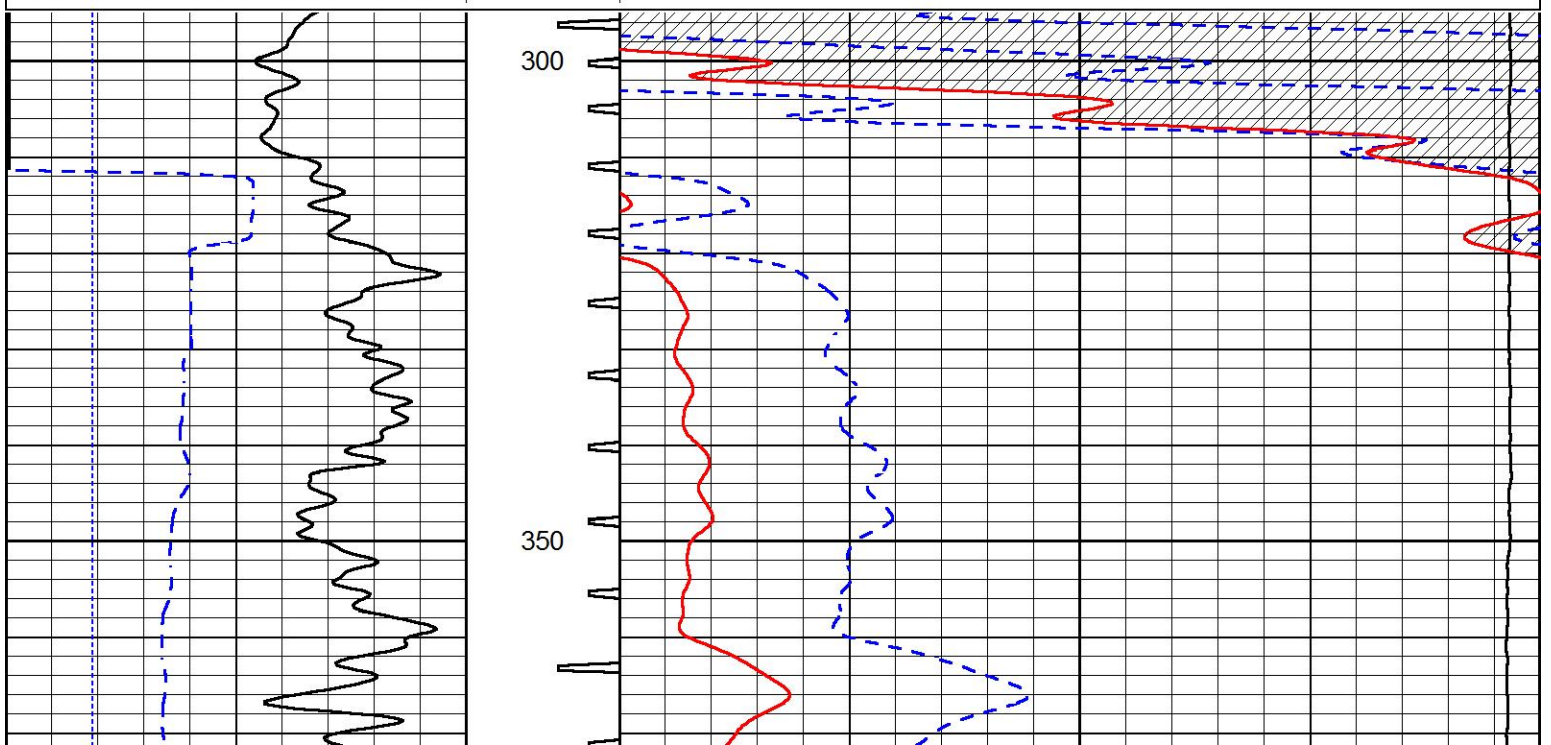


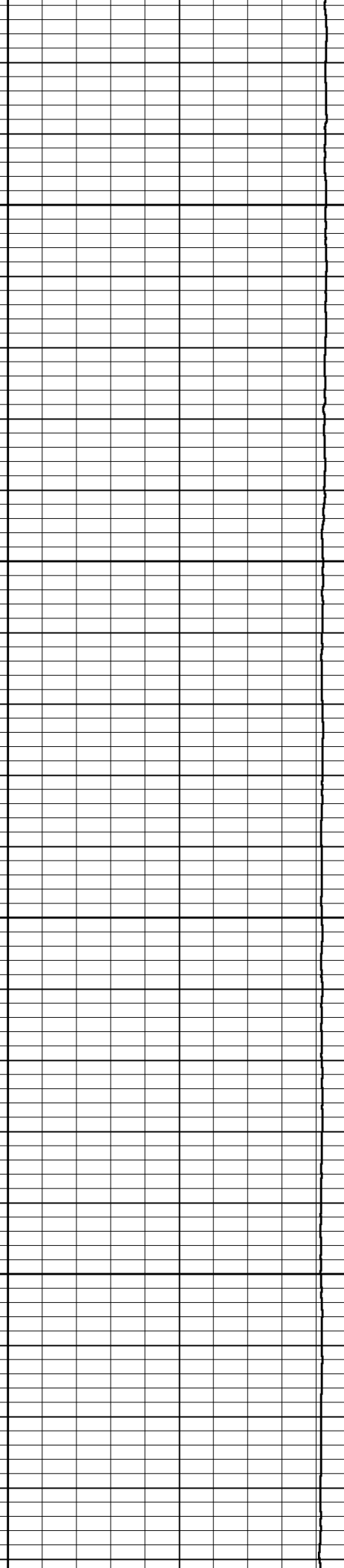
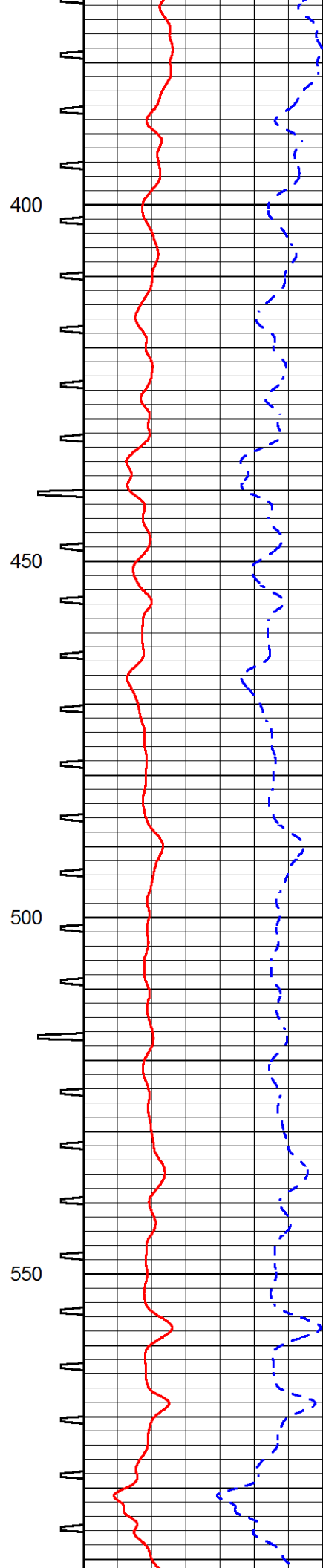
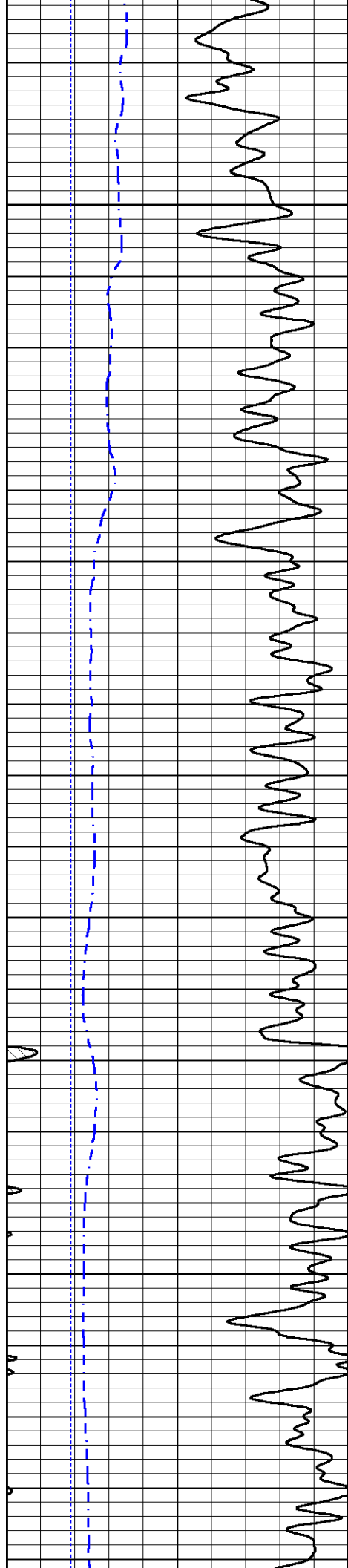
MIDWEST WIRELINE

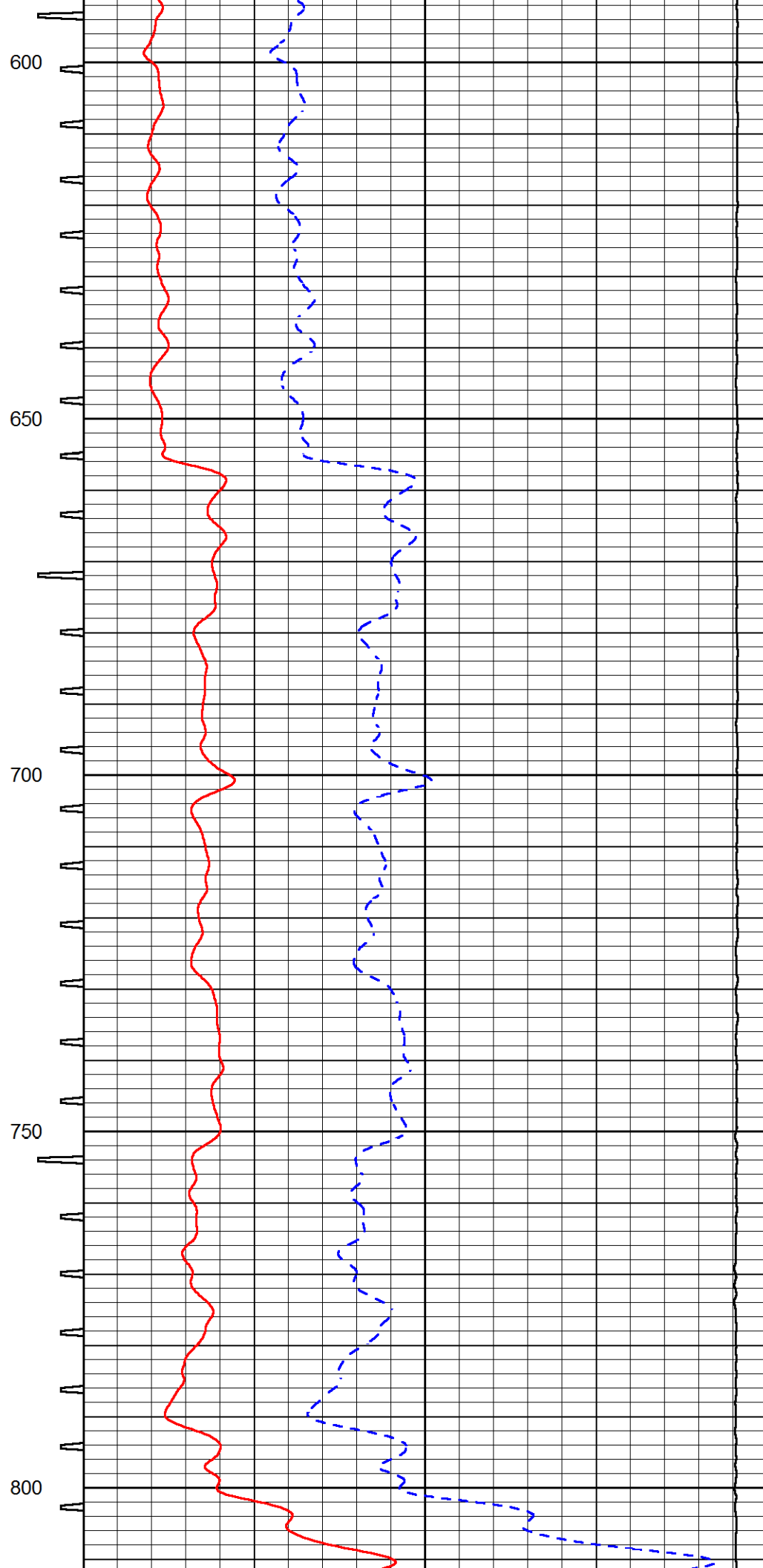
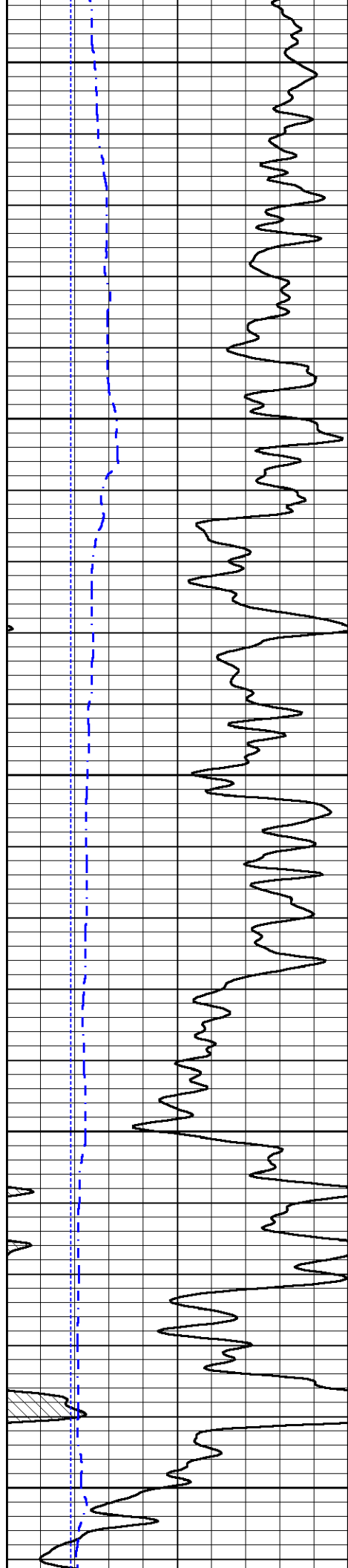
MAIN PASS

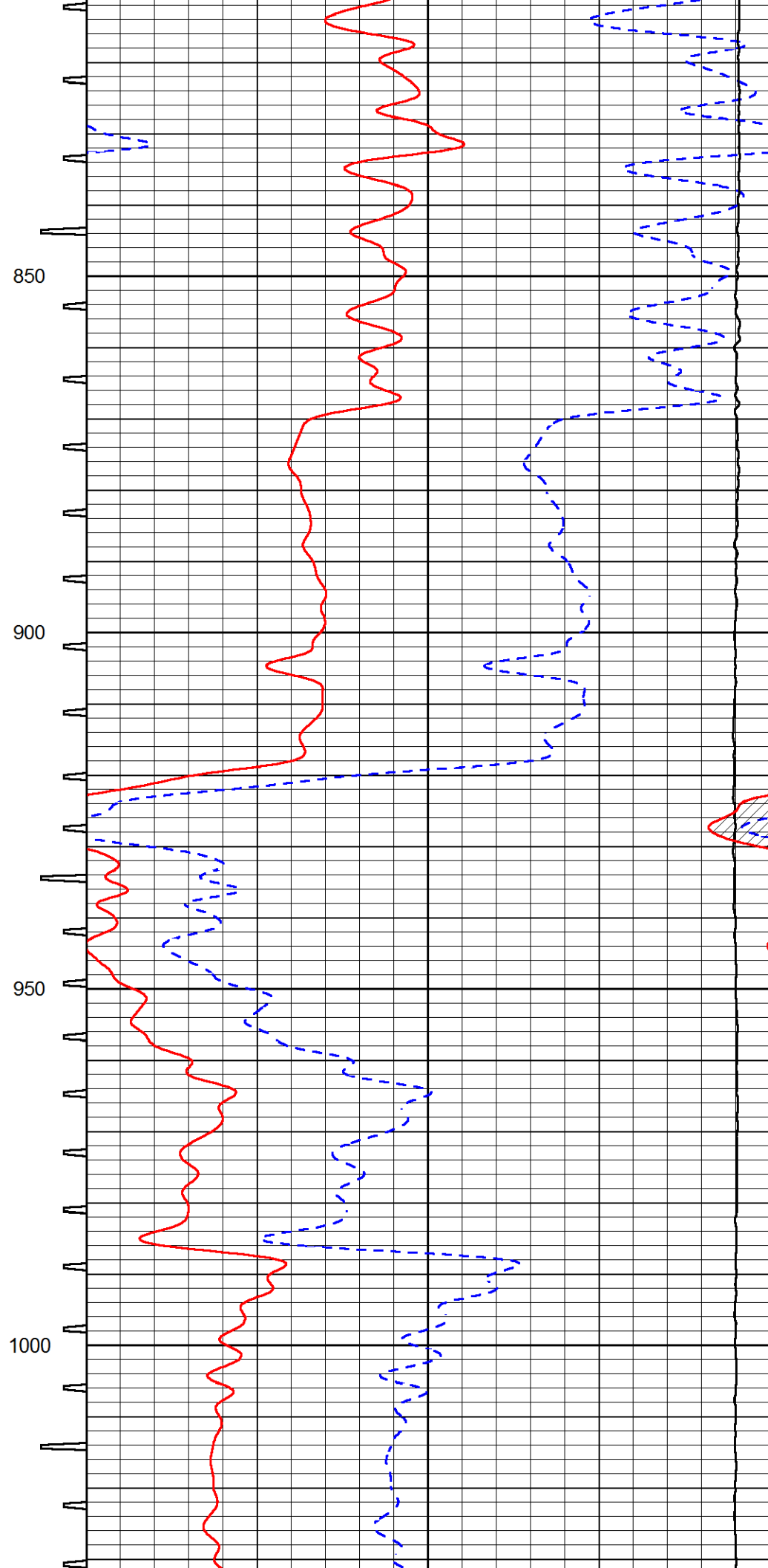
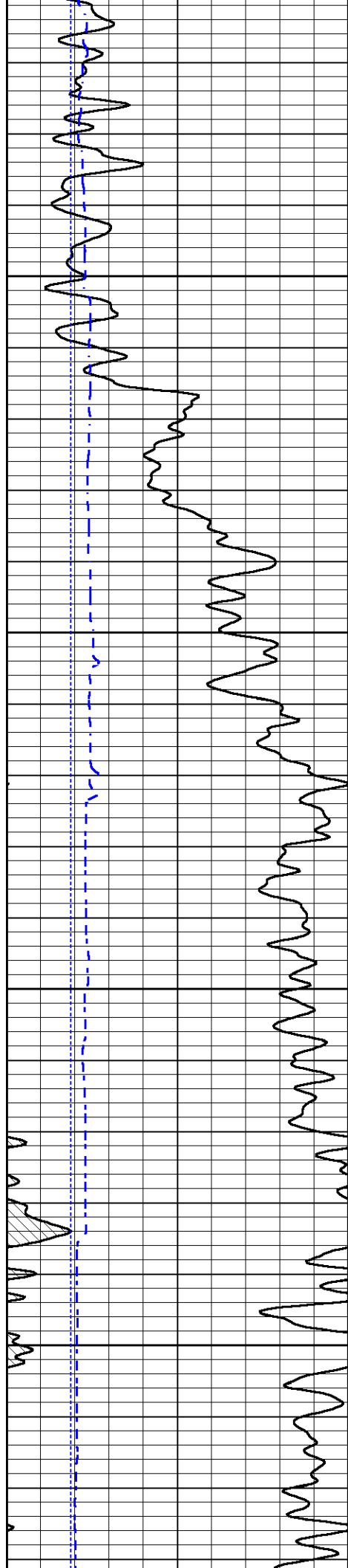
Database File carmen_schmitt_sunray_1_28.db
Dataset Pathname stackml/pass7.1
Presentation Format sonic
Dataset Creation Tue Jun 08 01:09:32 2021
Charted by Depth in Feet scaled 1:240

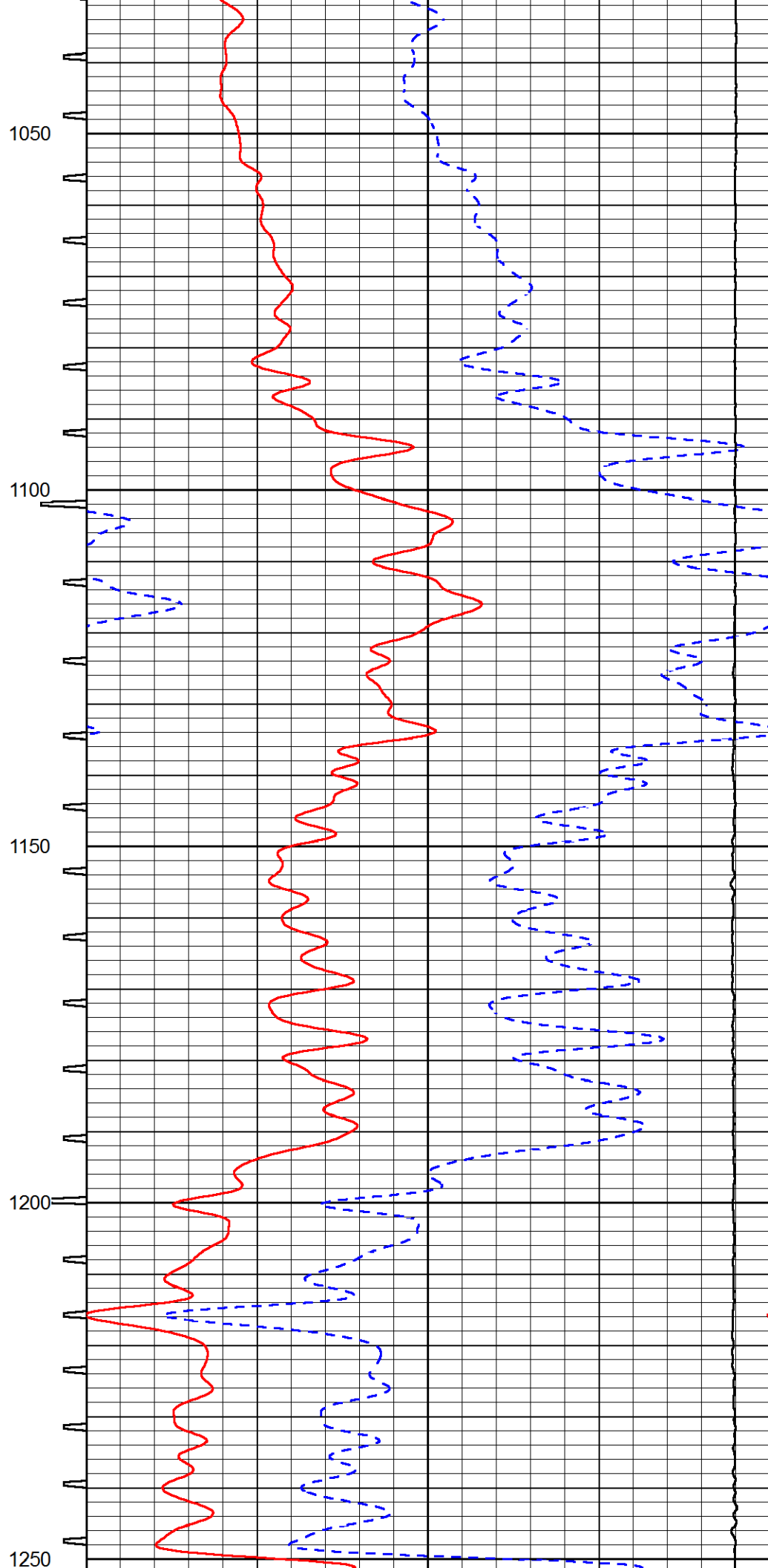
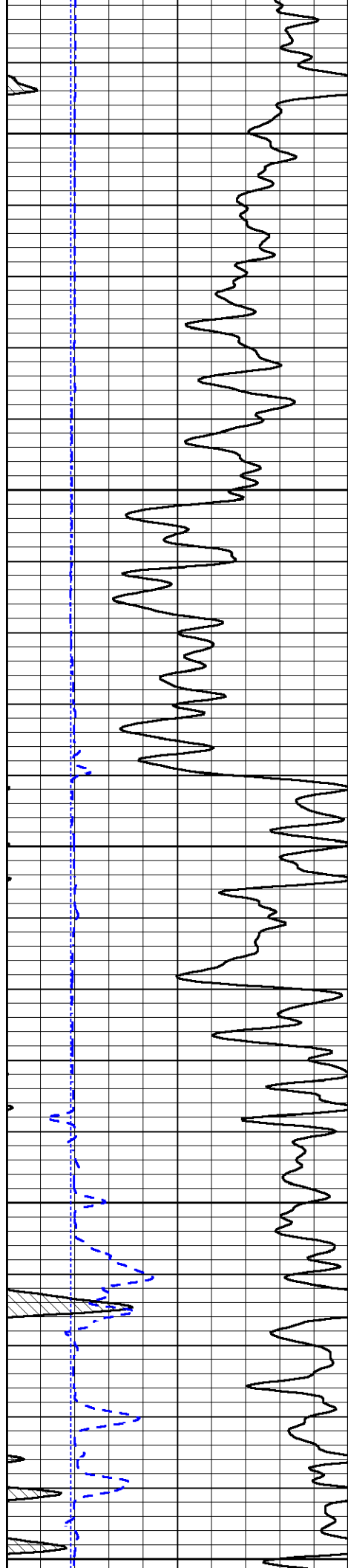
0	Gamma Ray (GAPI)	150	Sonic Int	140	Delta Time (usec/ft) (usec/ft)	40
150	GR (GAPI)	300	5 (msec) 0	30	Sonic Porosity (pu)	-10
6	DCAL (in)	16		15000	LTEN (lb) (lb)	0

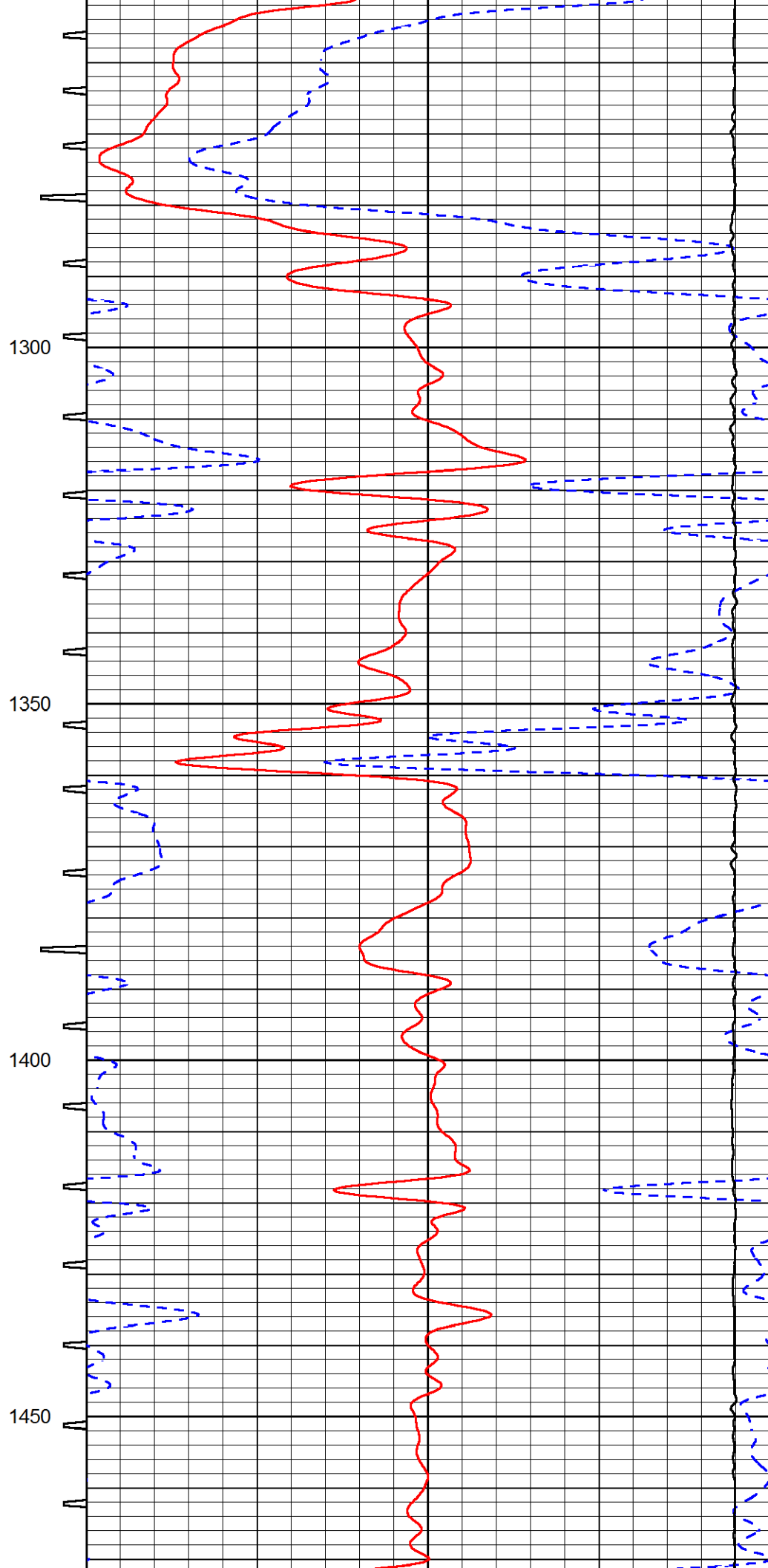
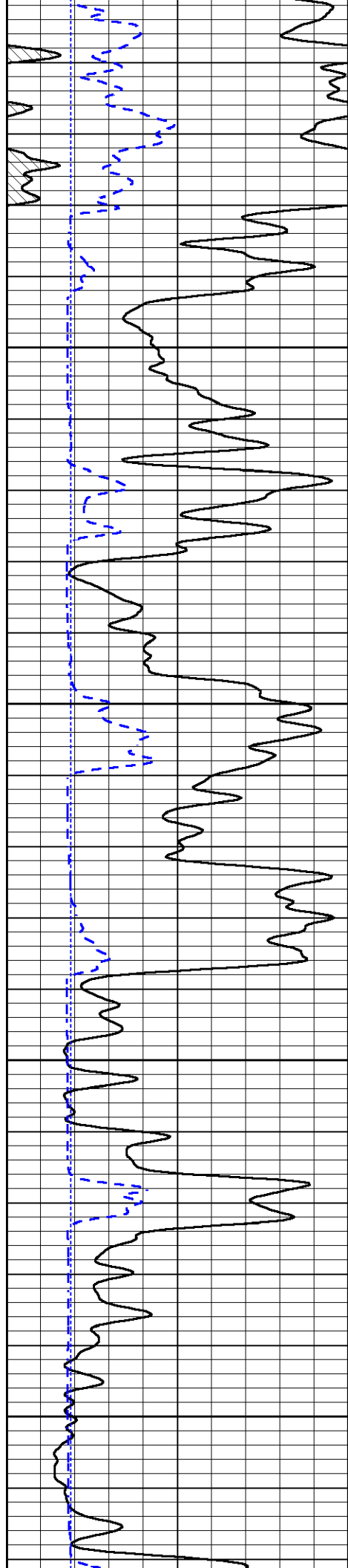


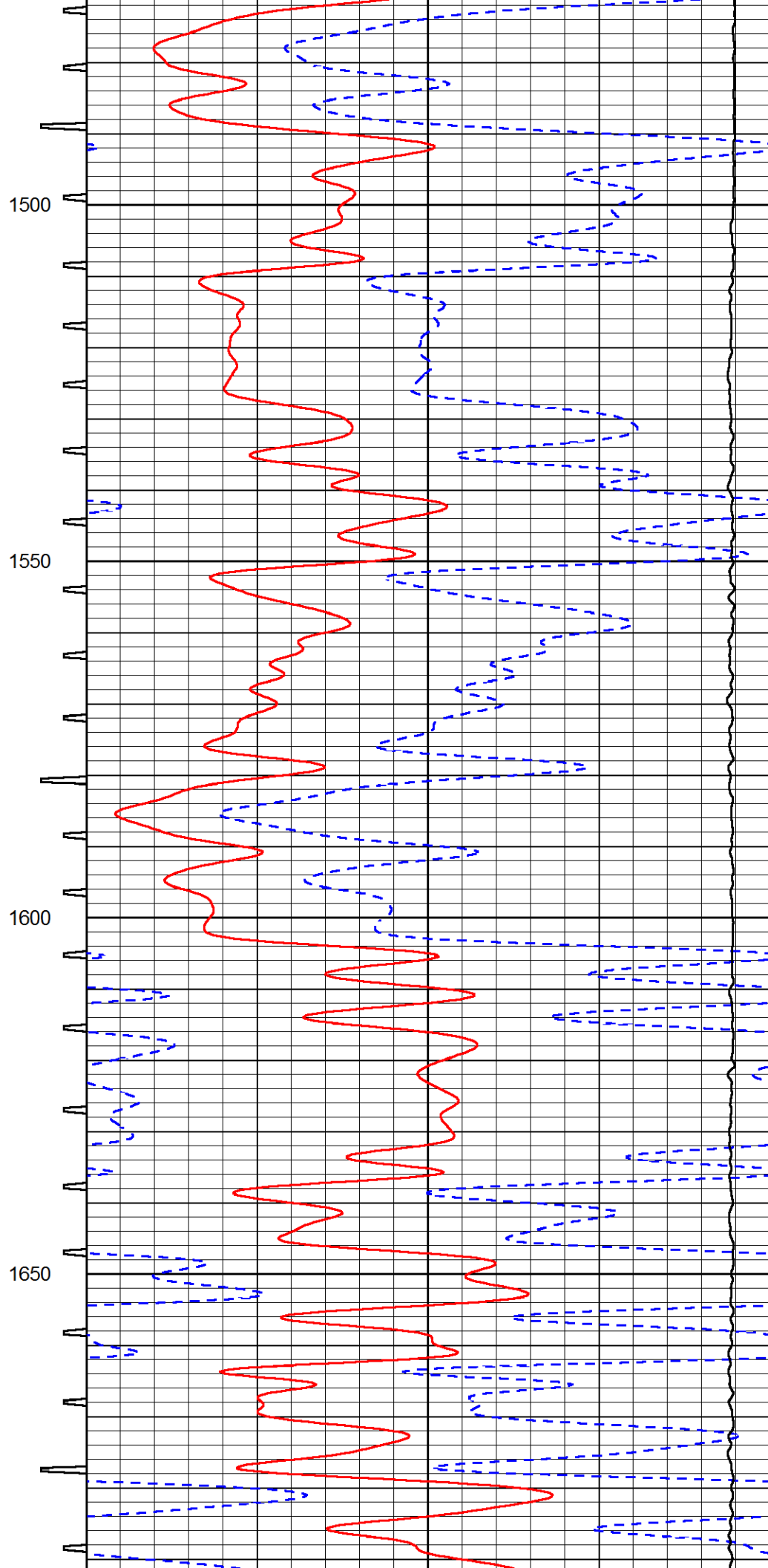
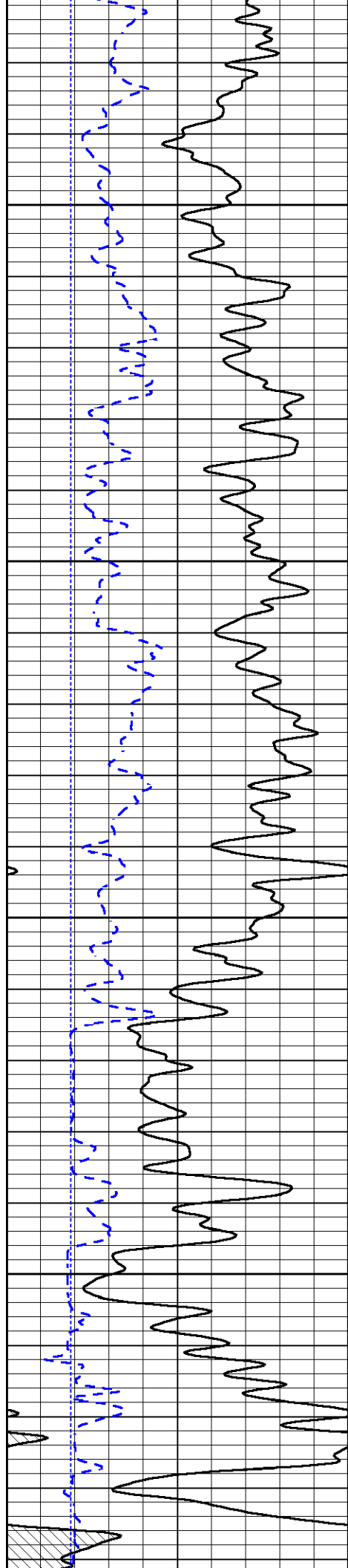


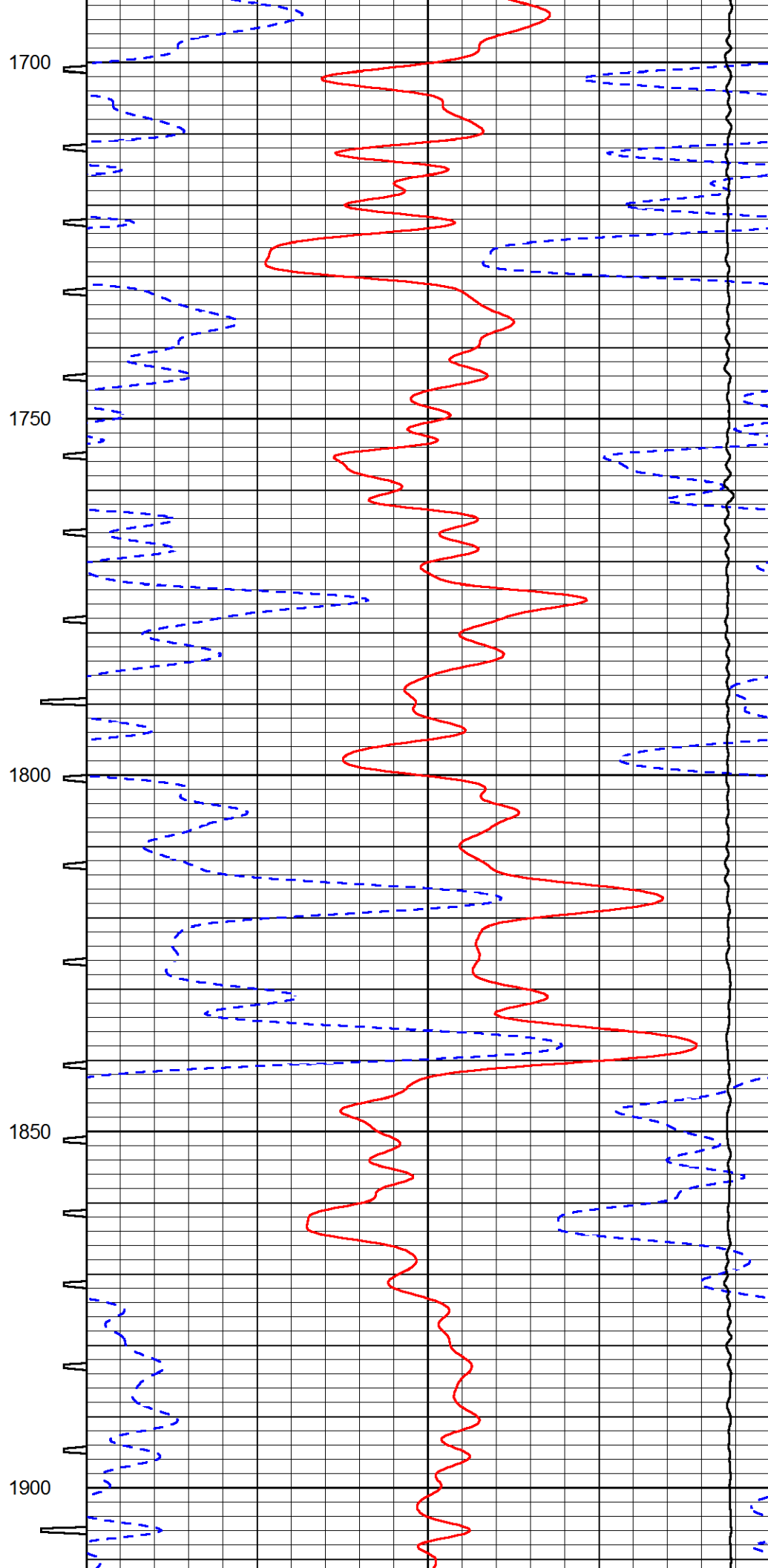
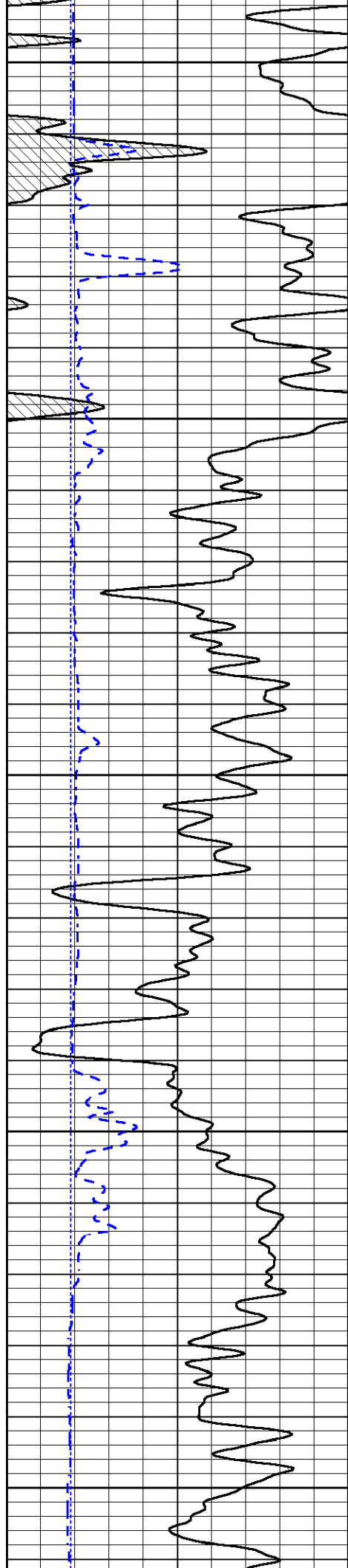


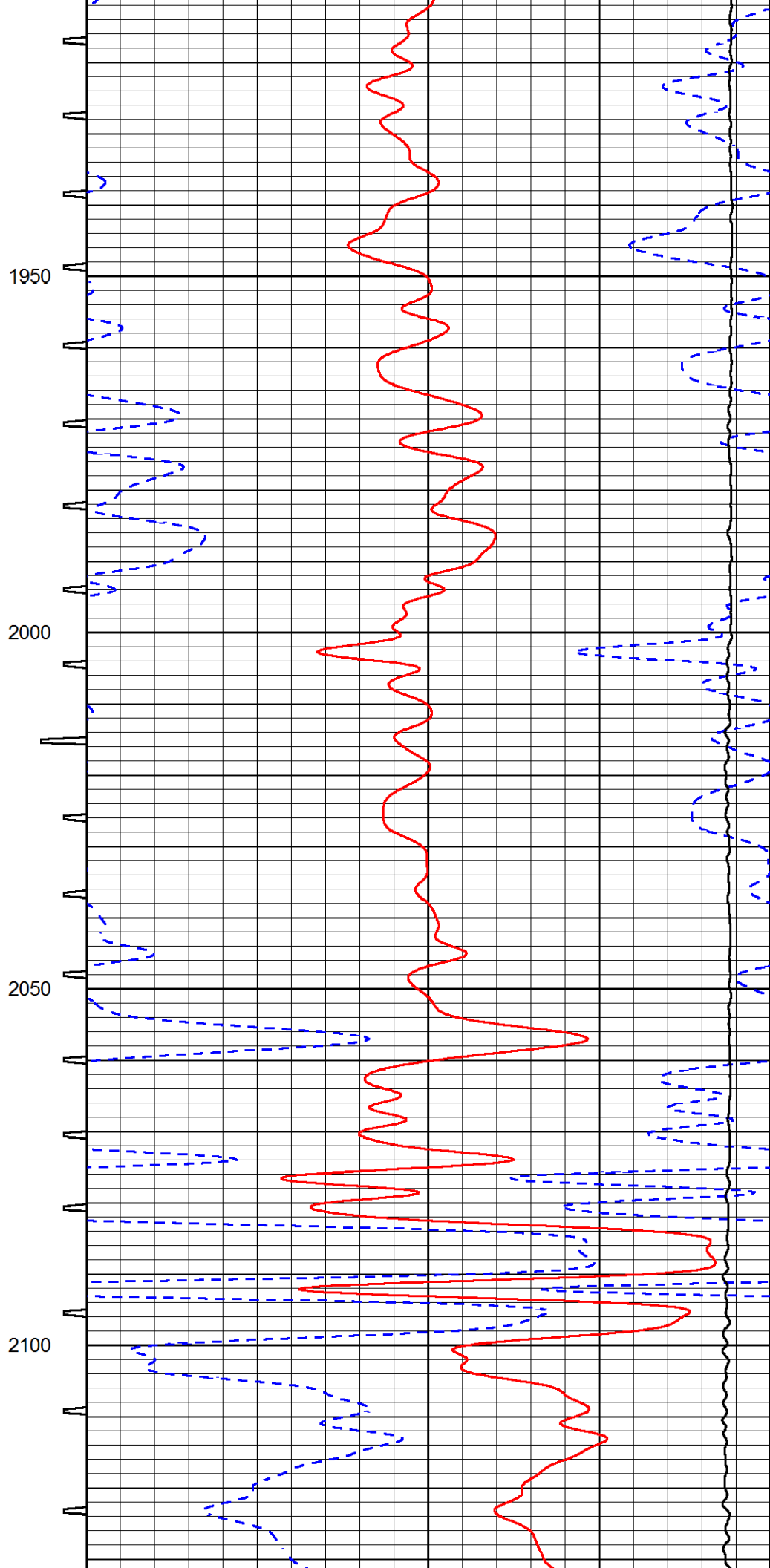
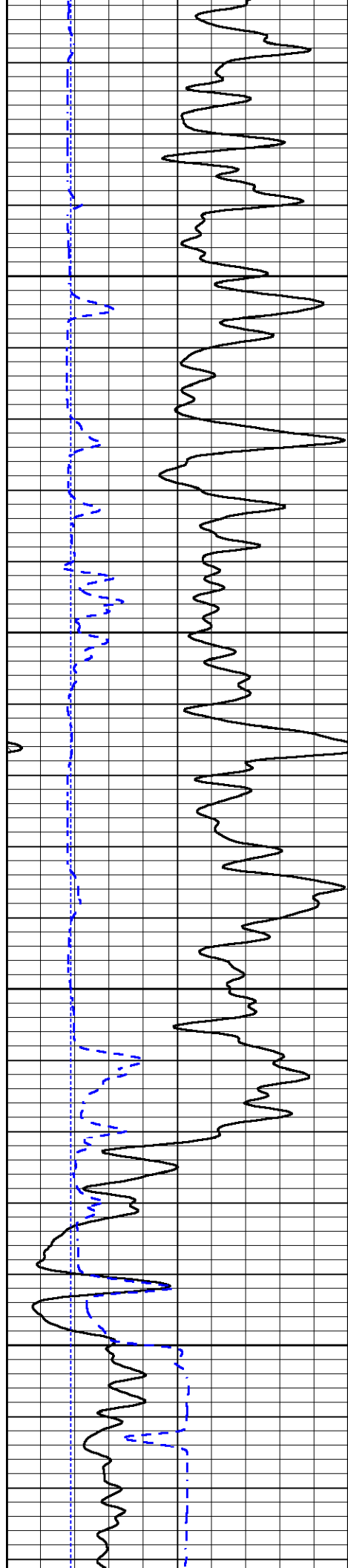


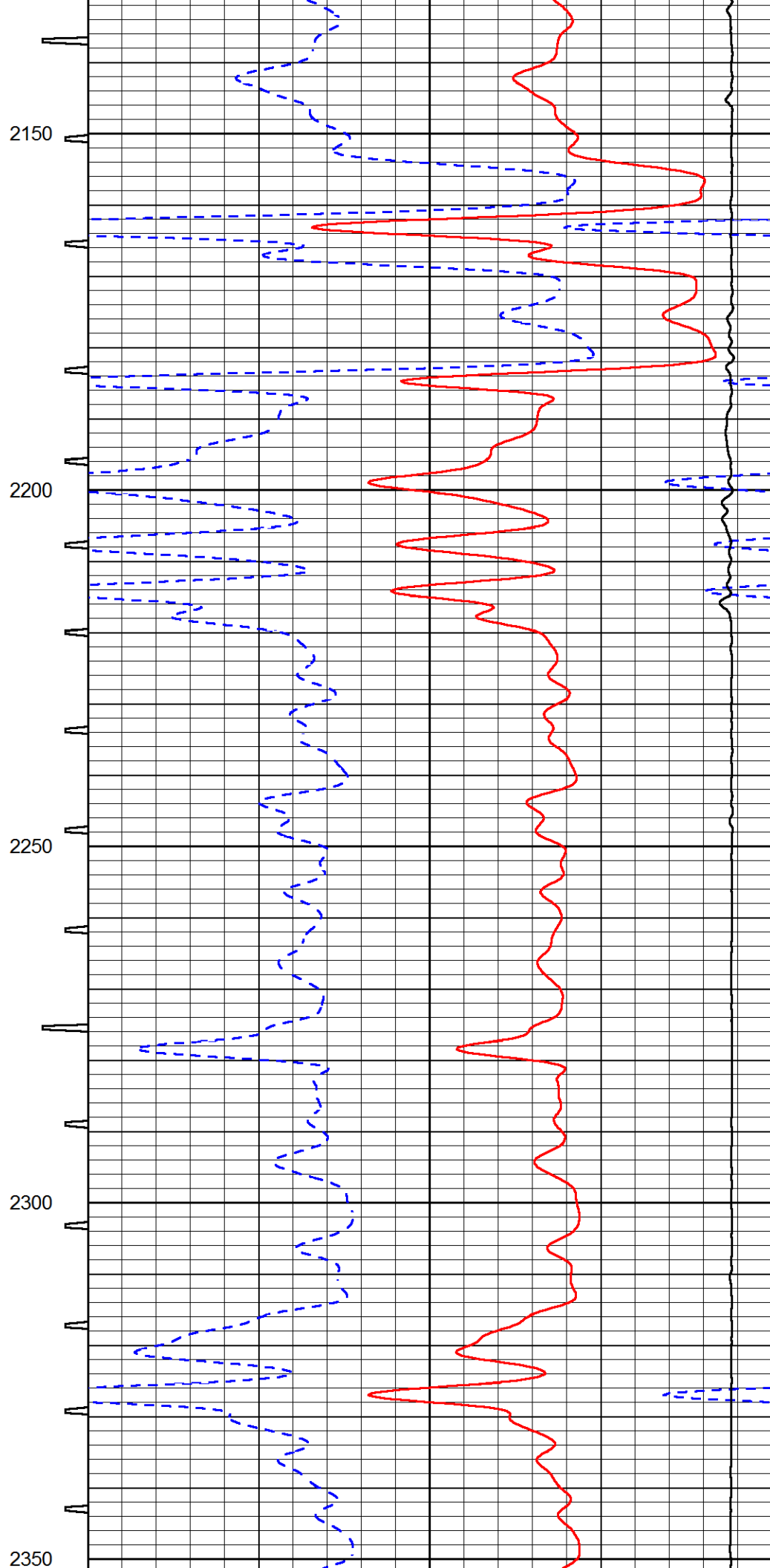
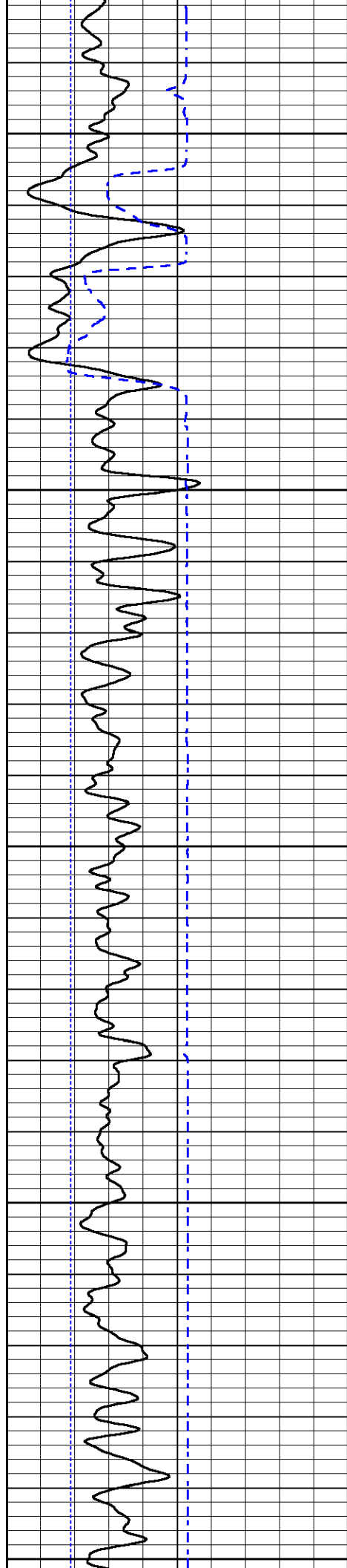


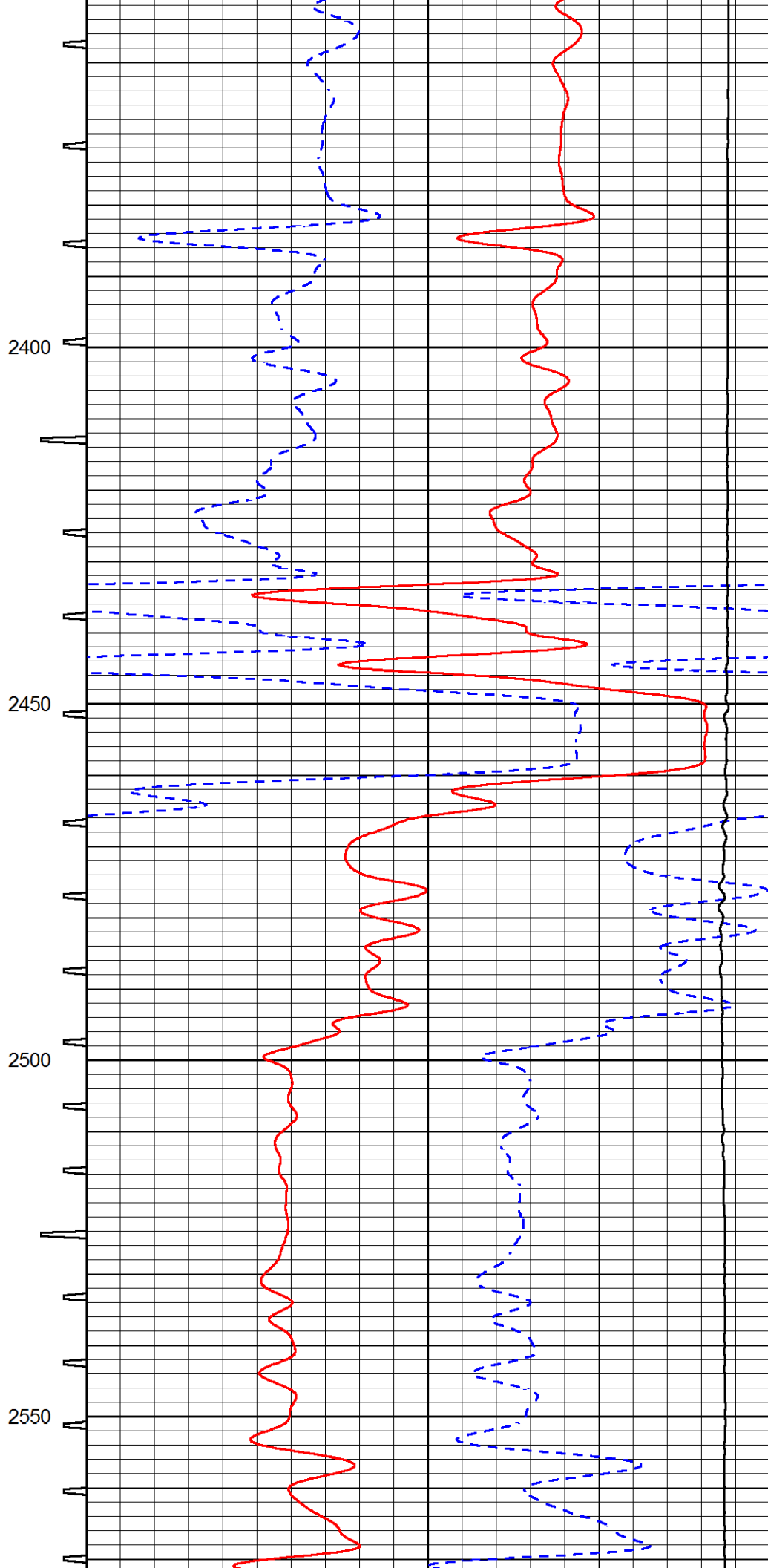
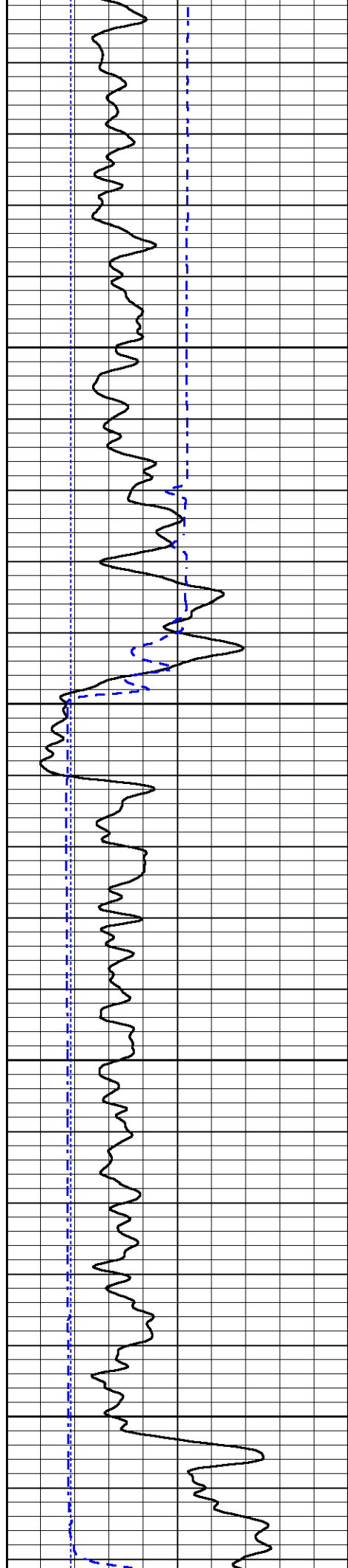


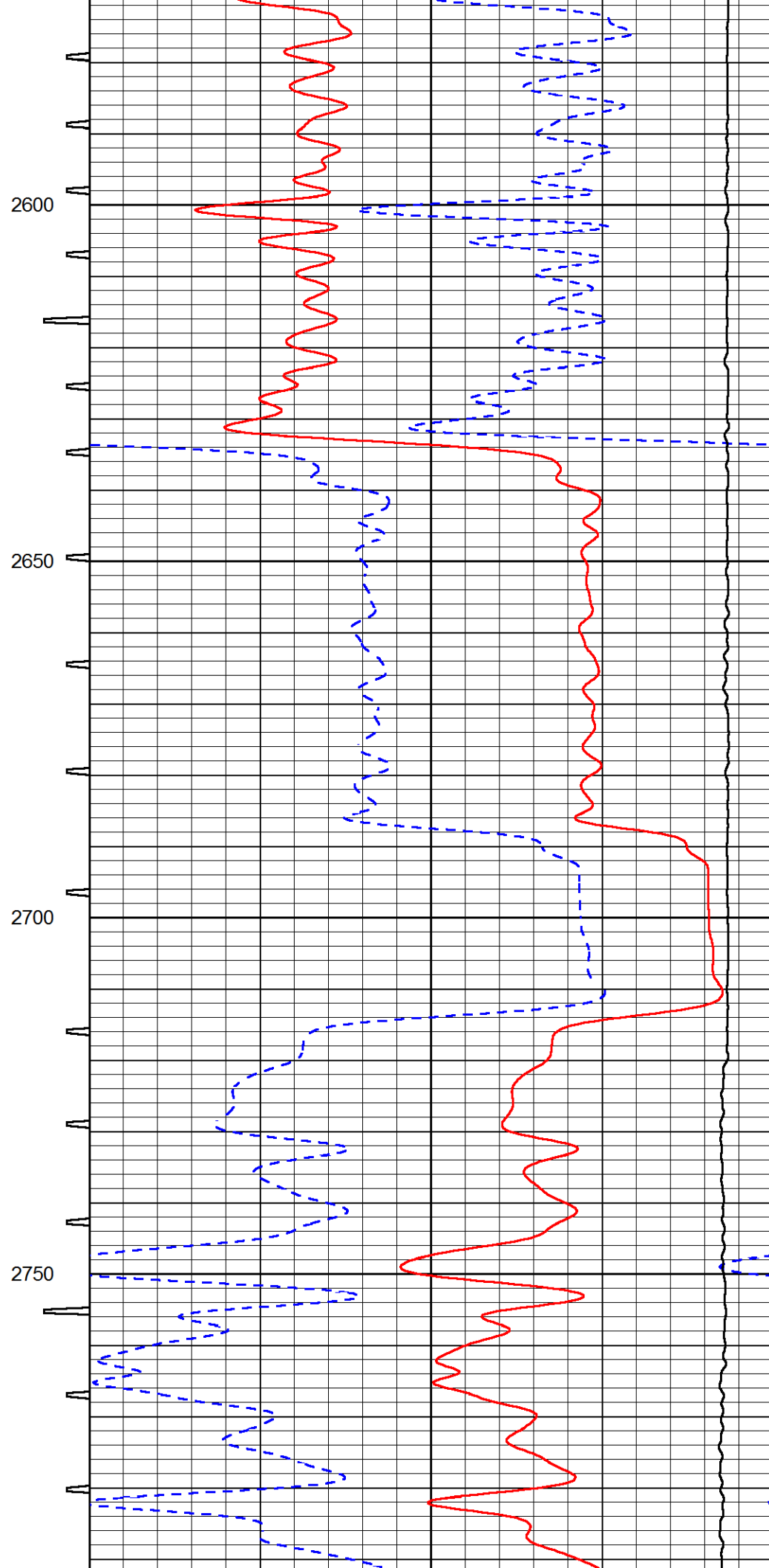
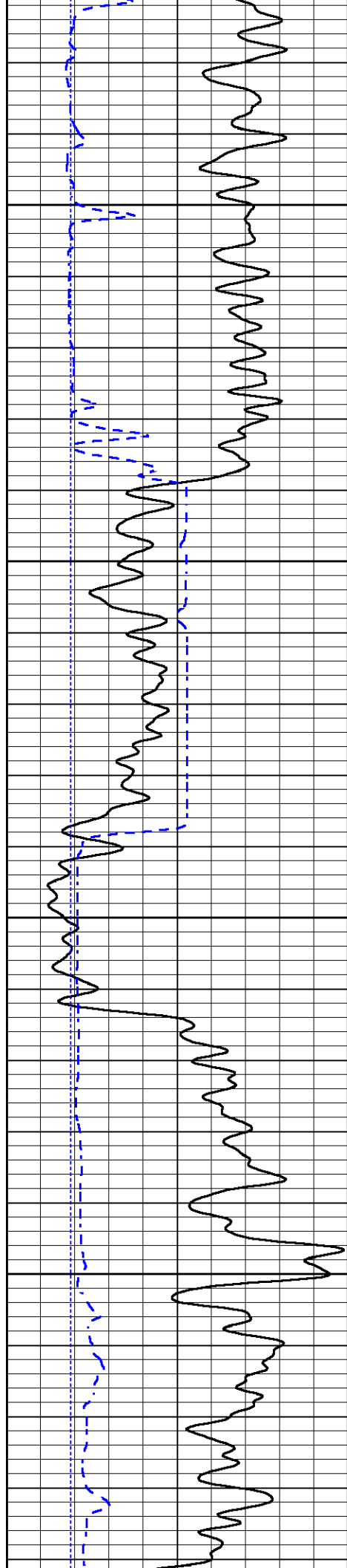


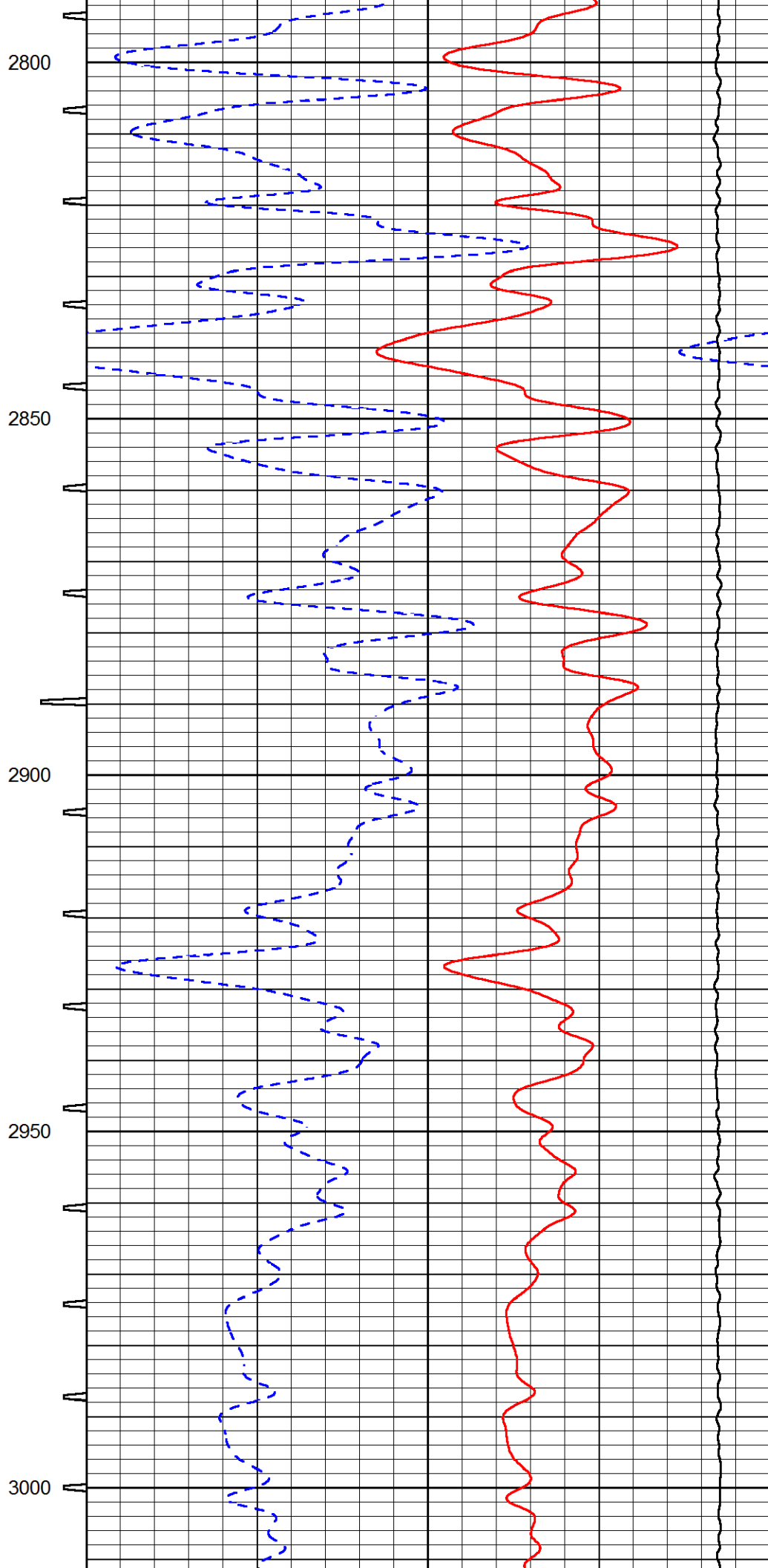
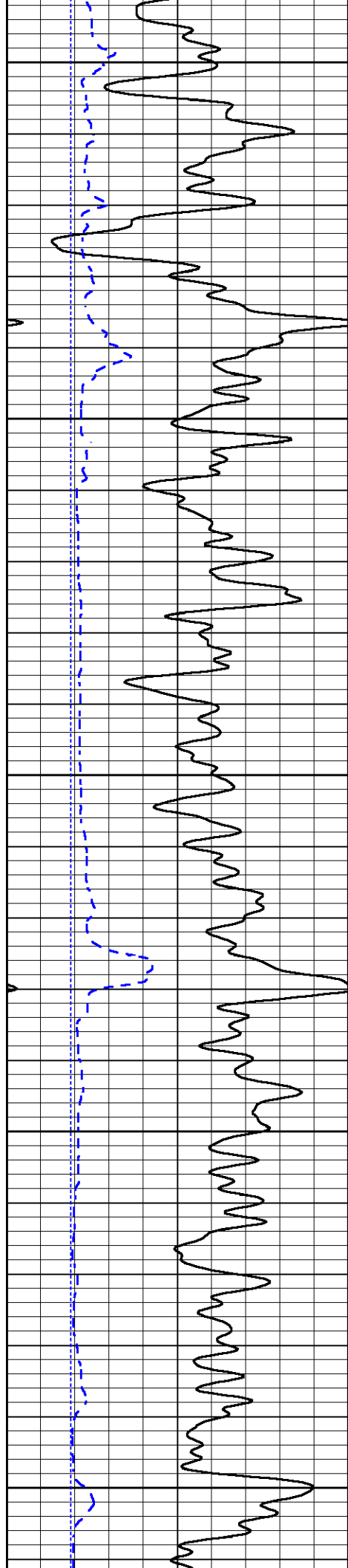


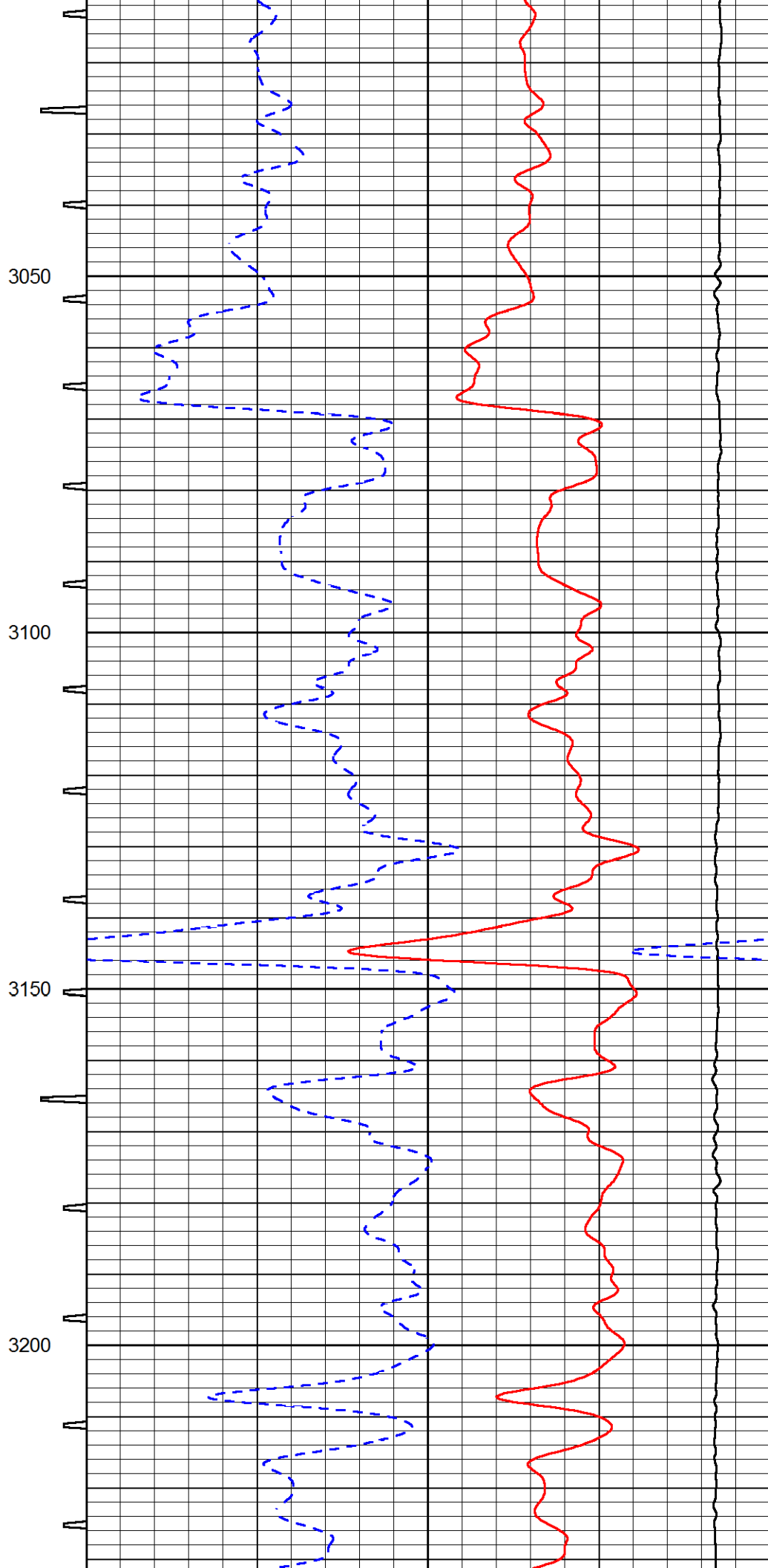
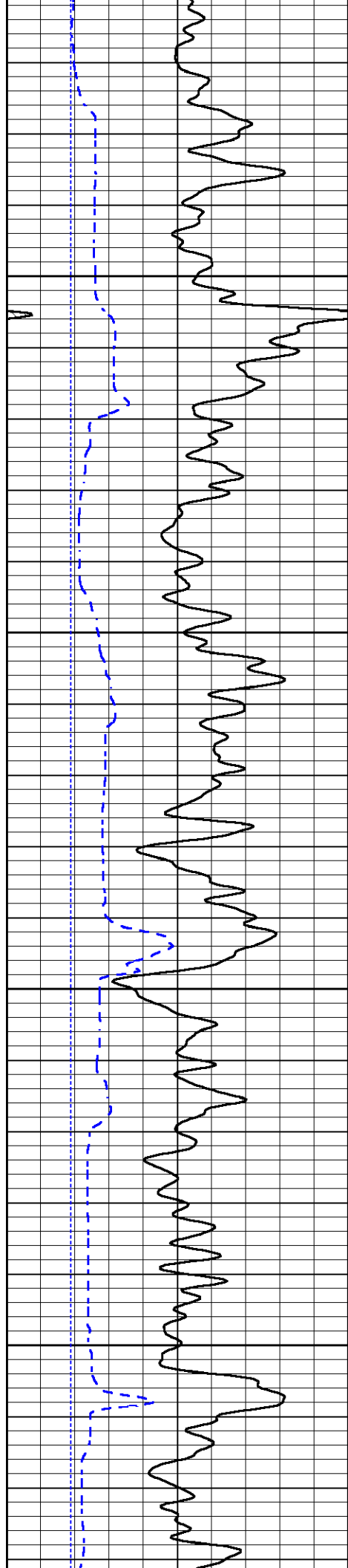


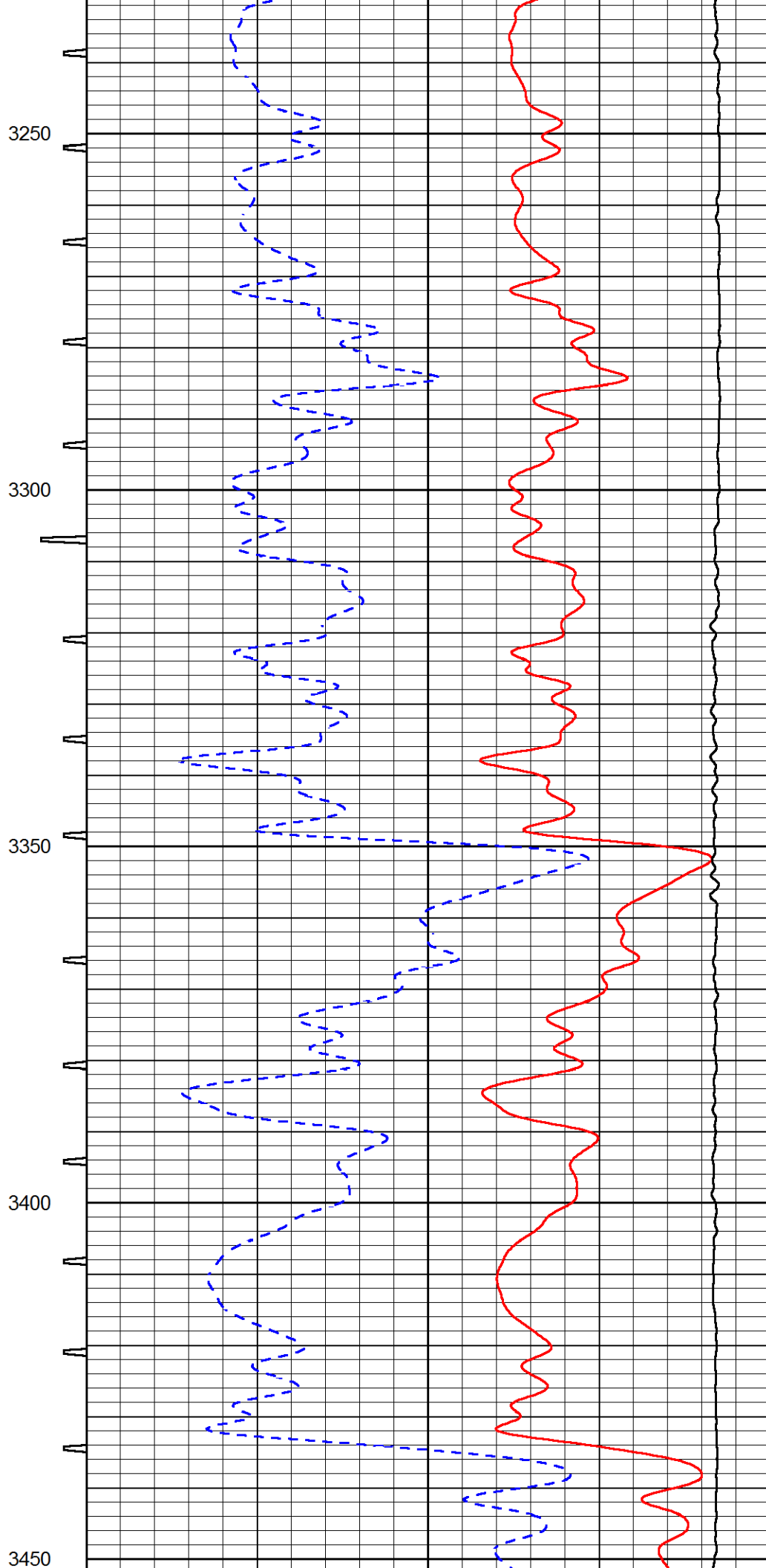
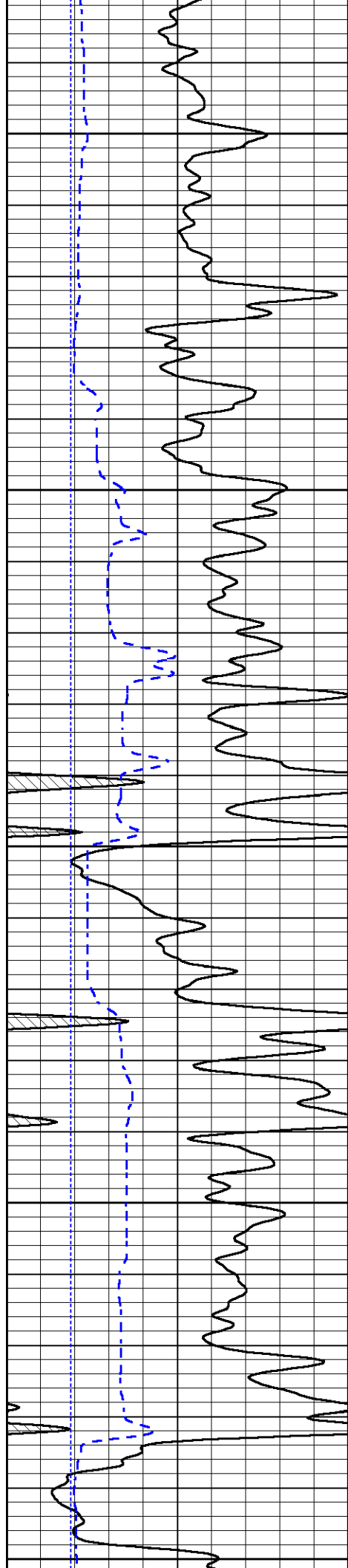


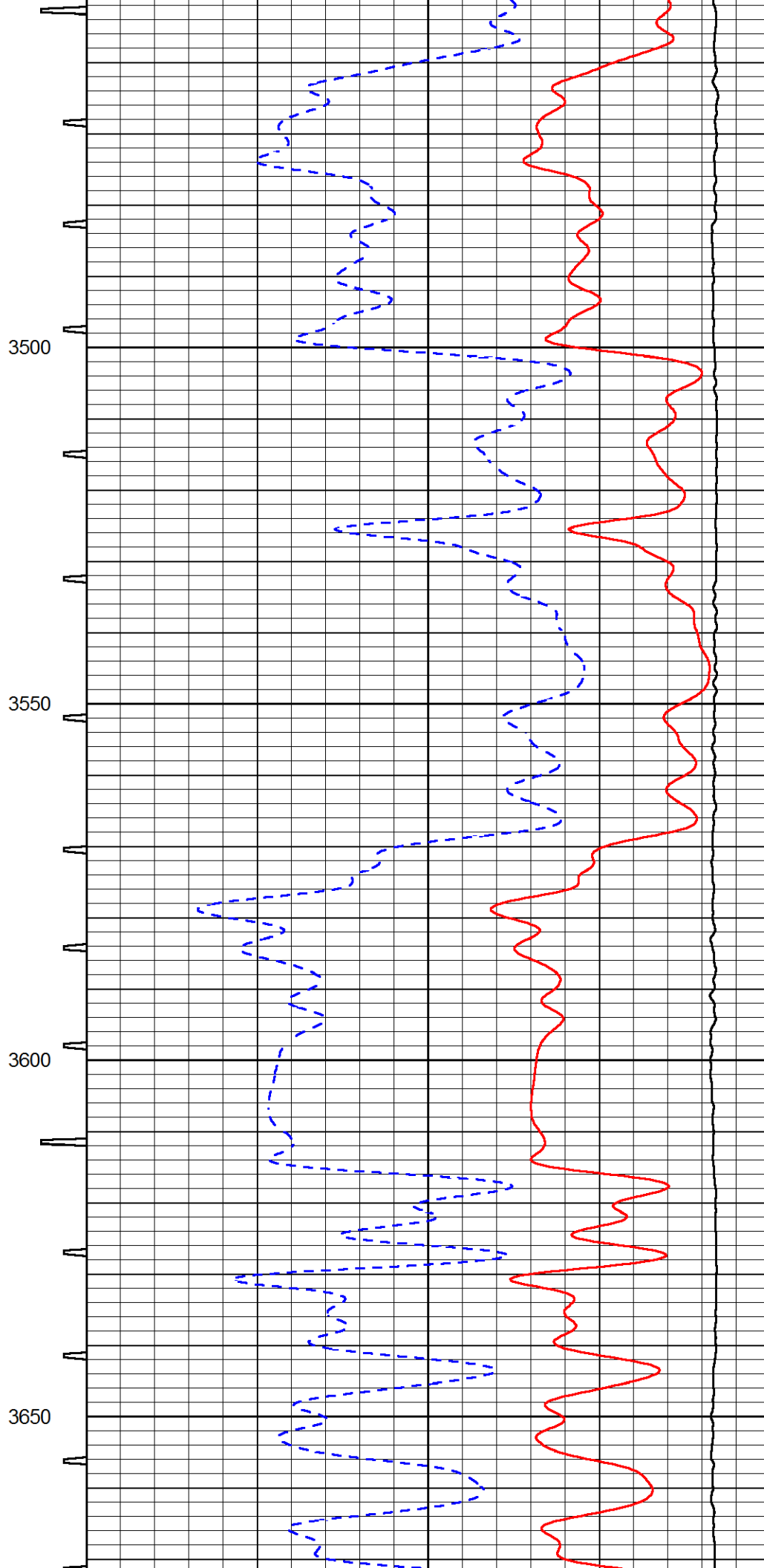
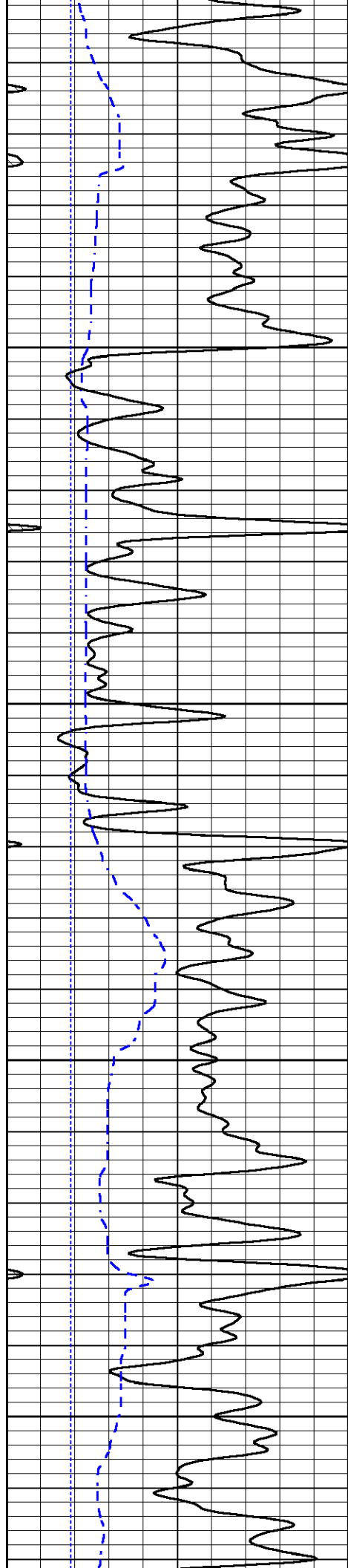


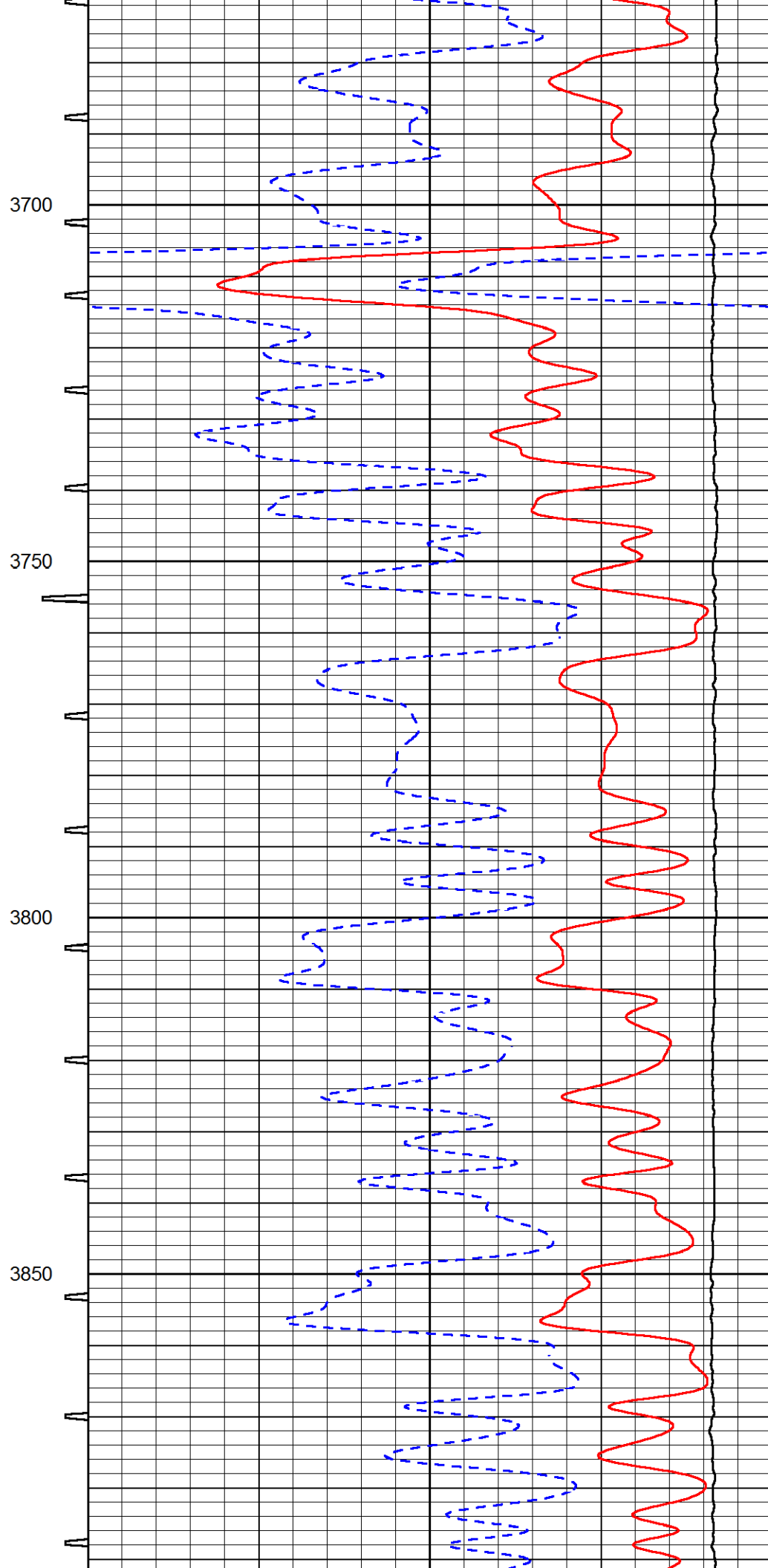
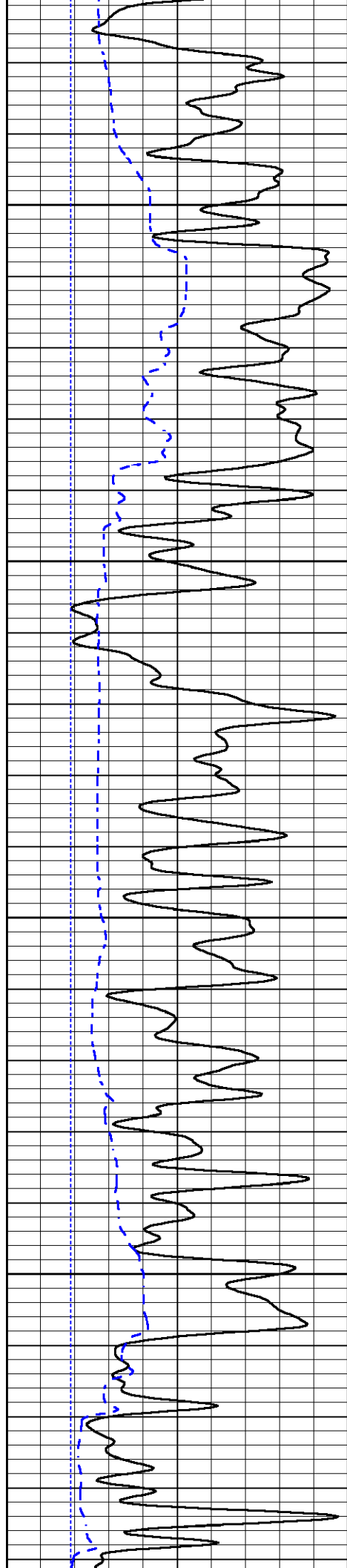


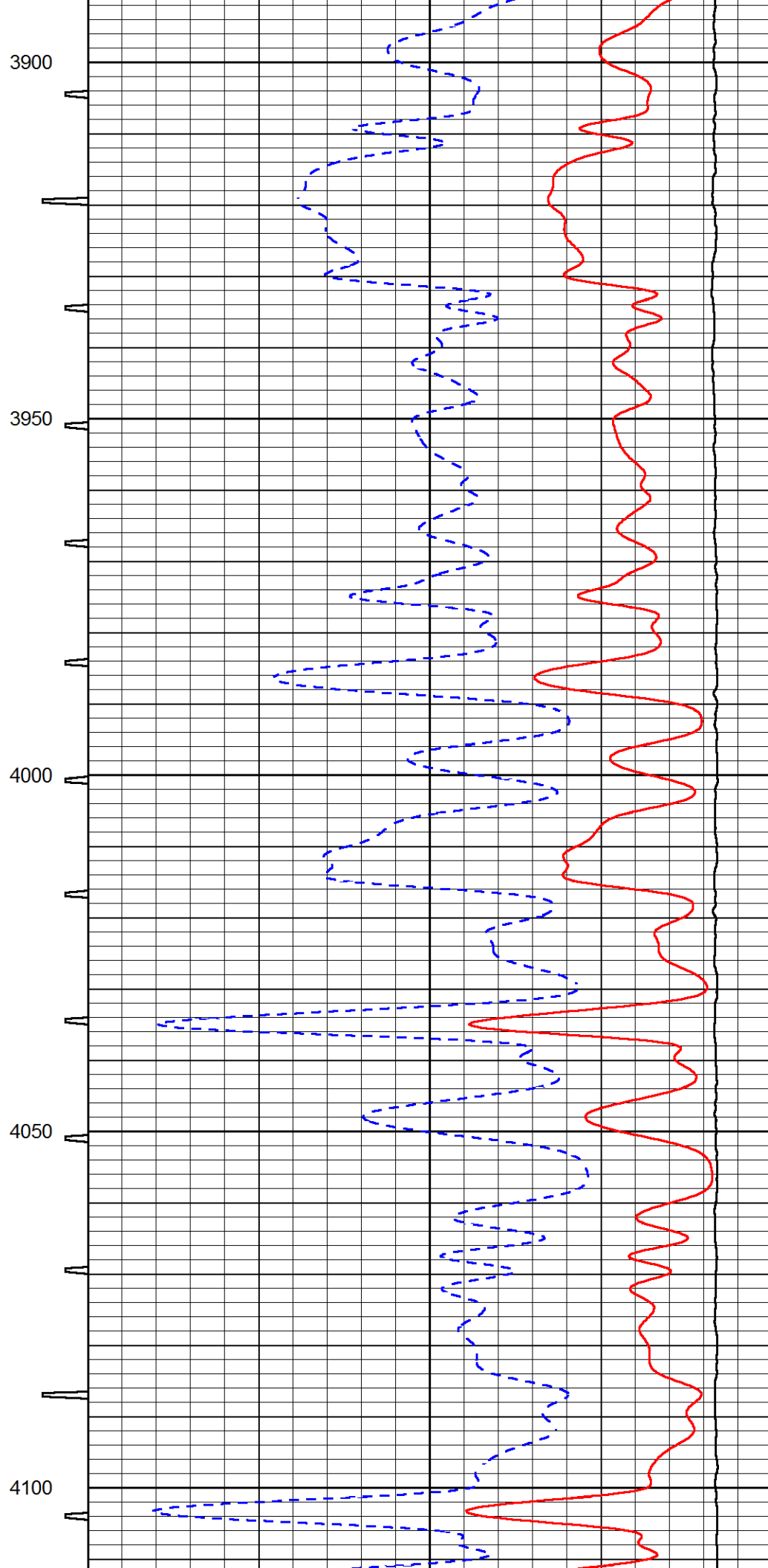
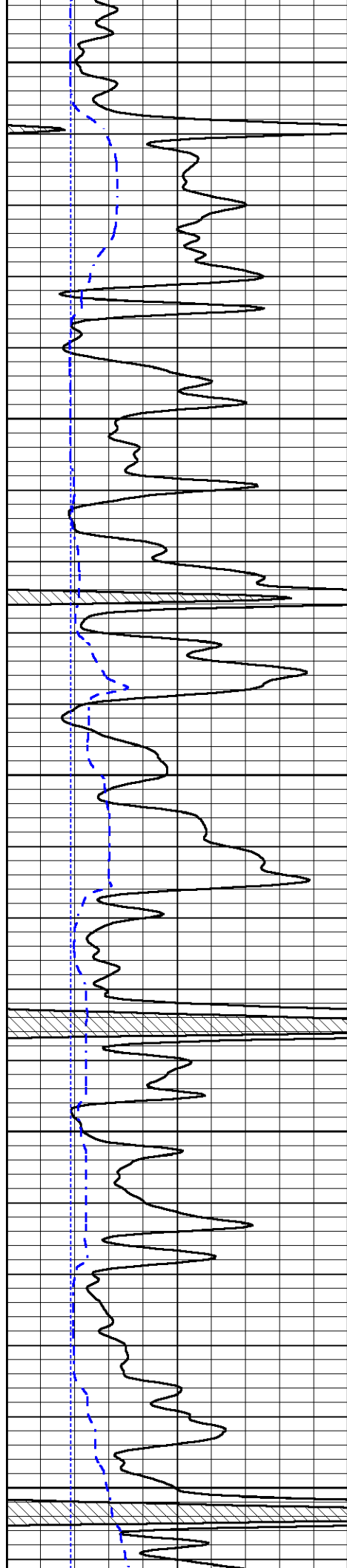


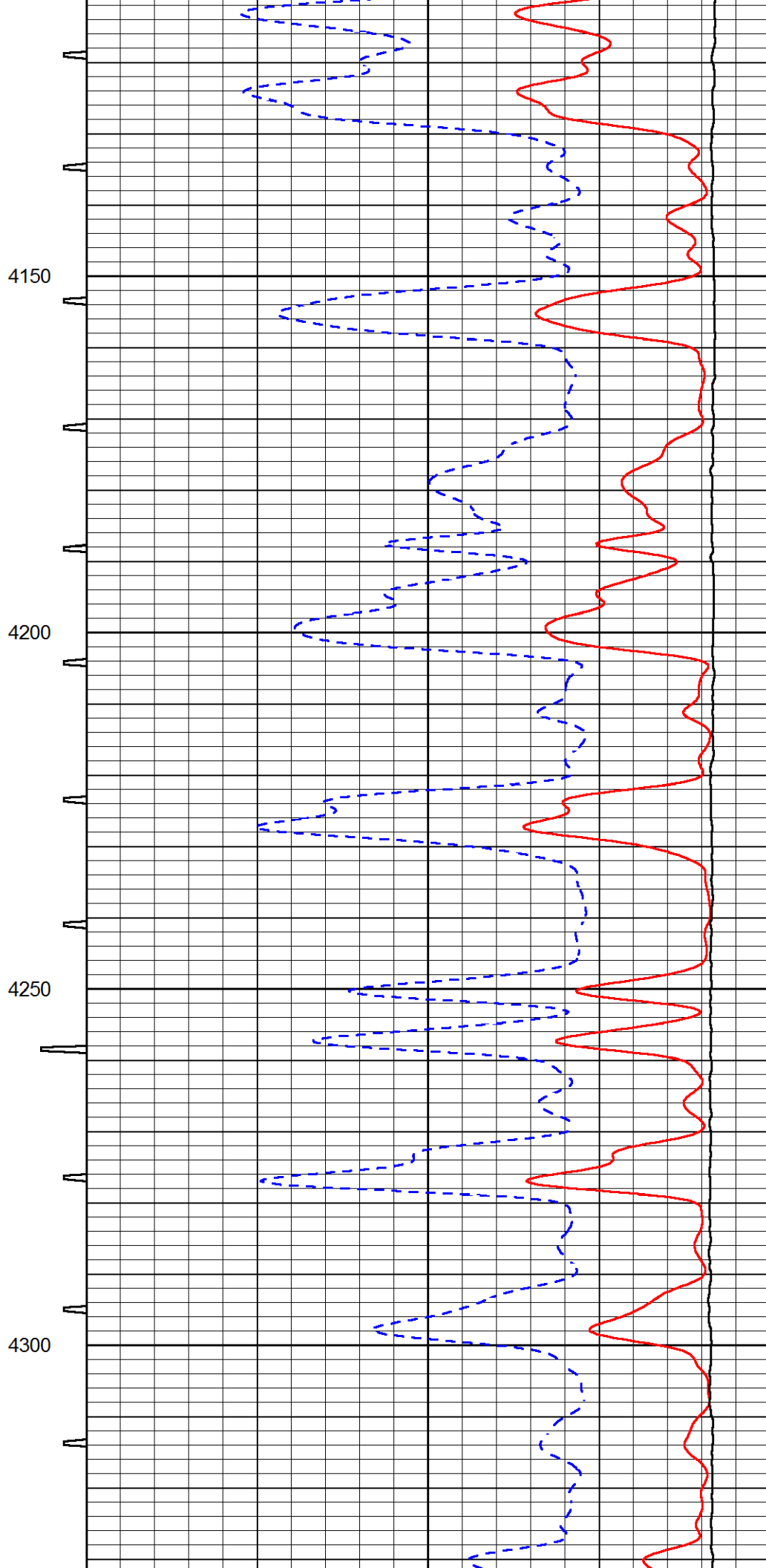
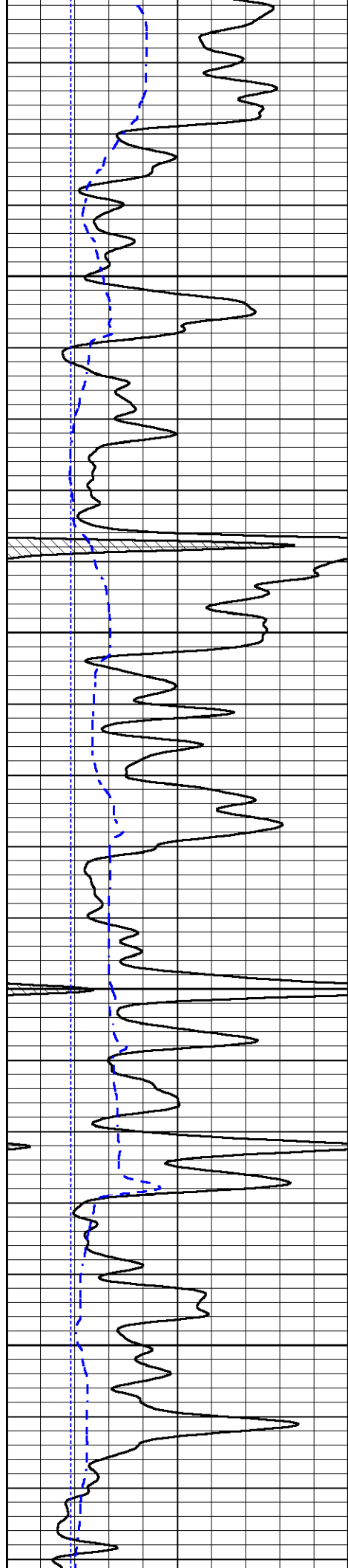


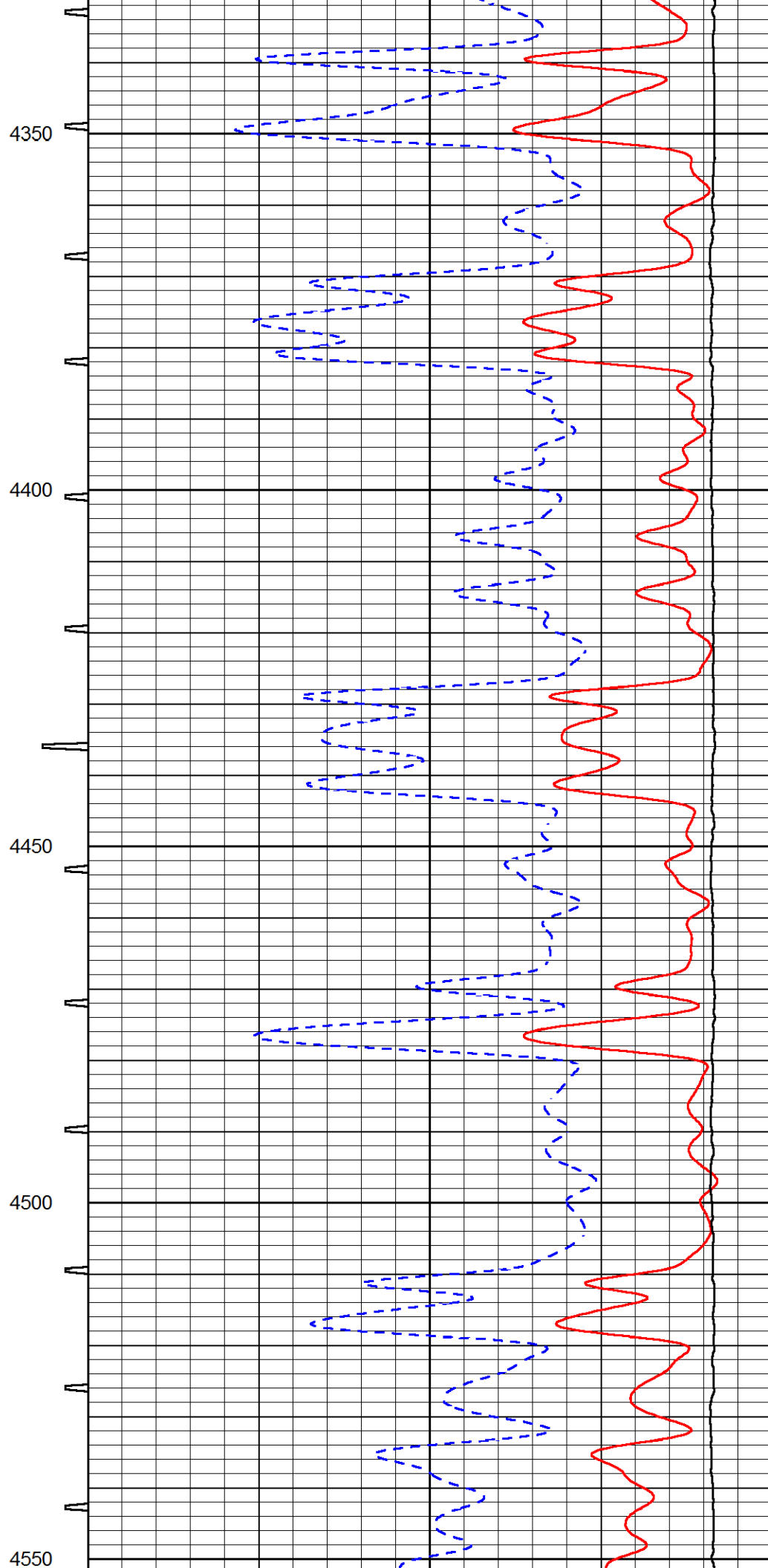
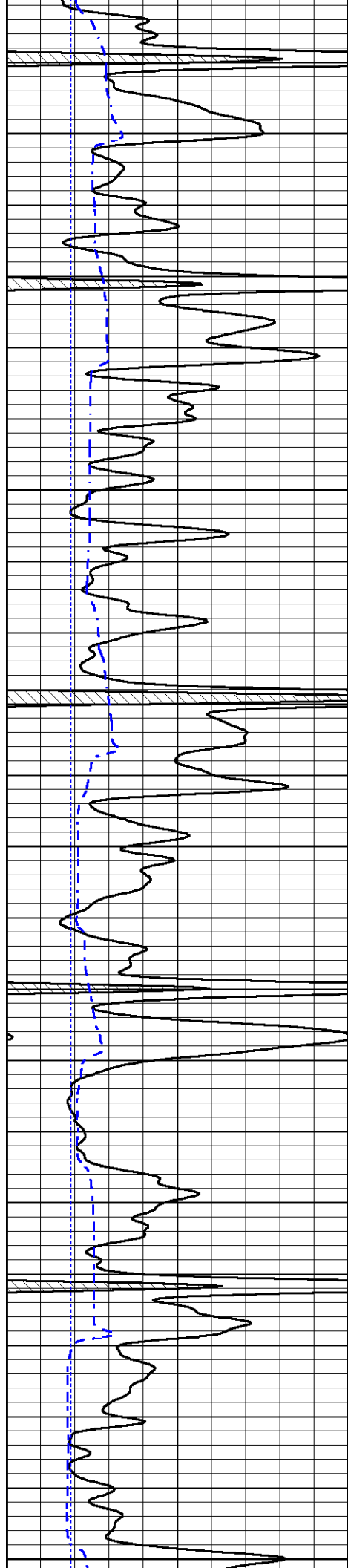


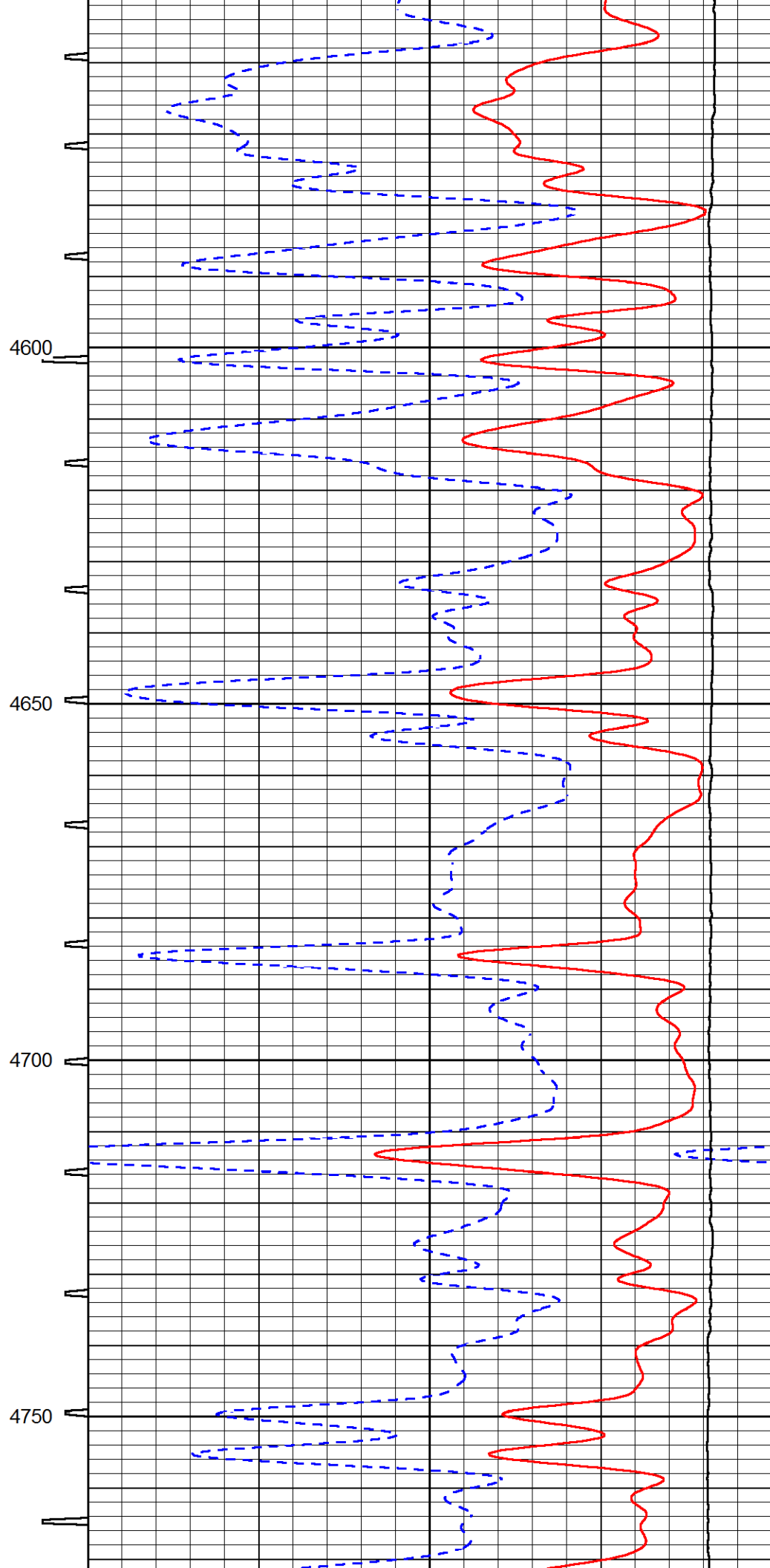
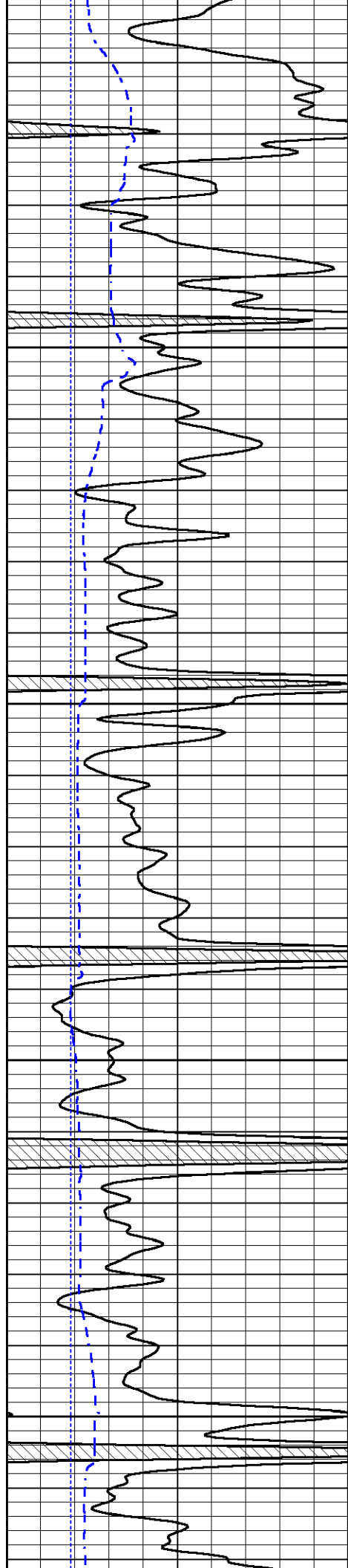


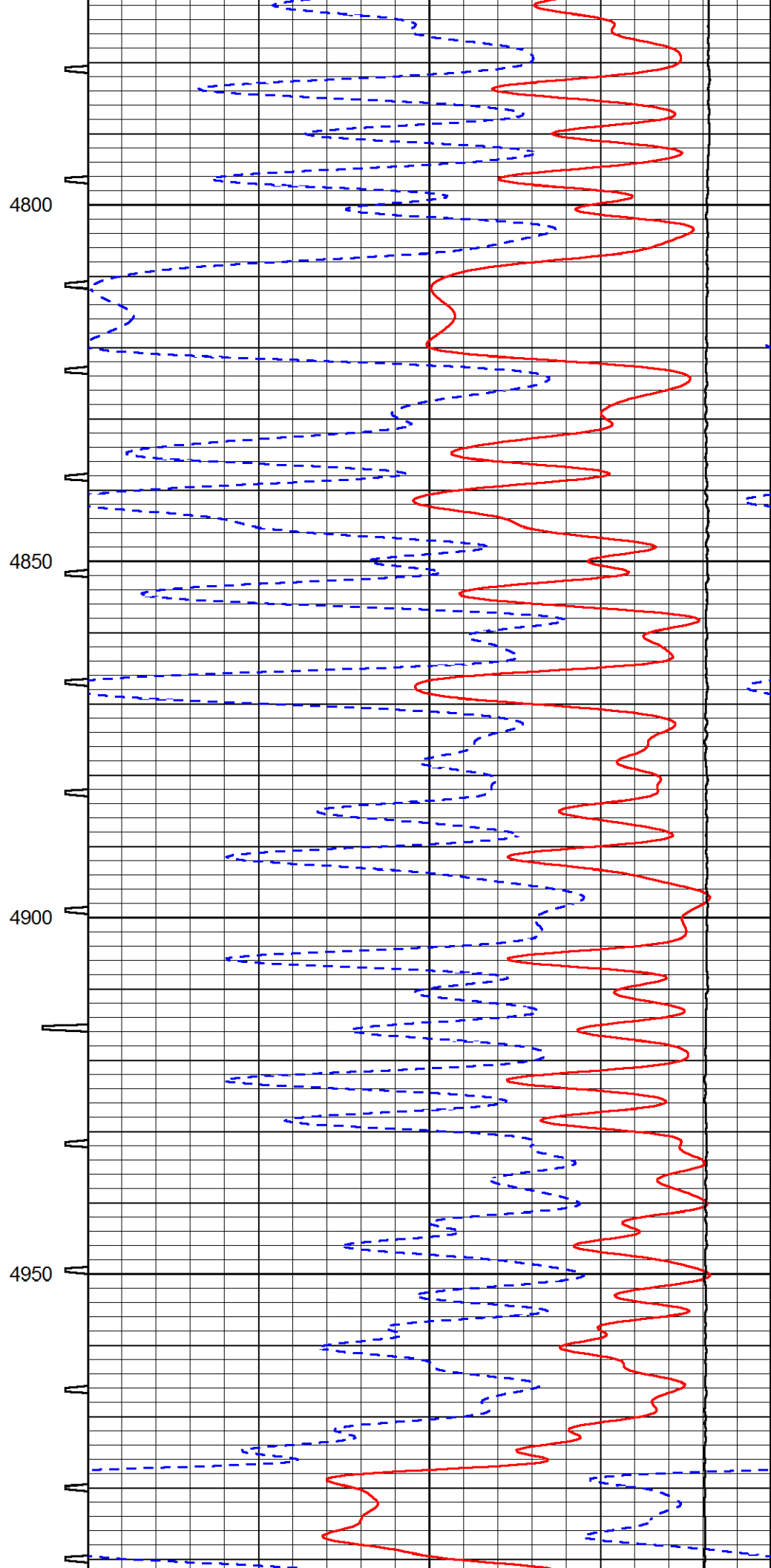
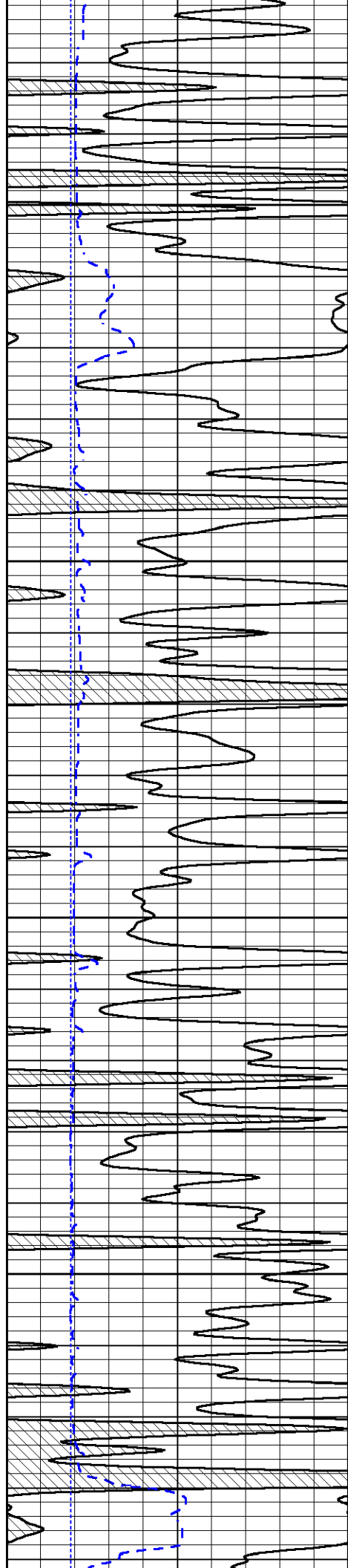


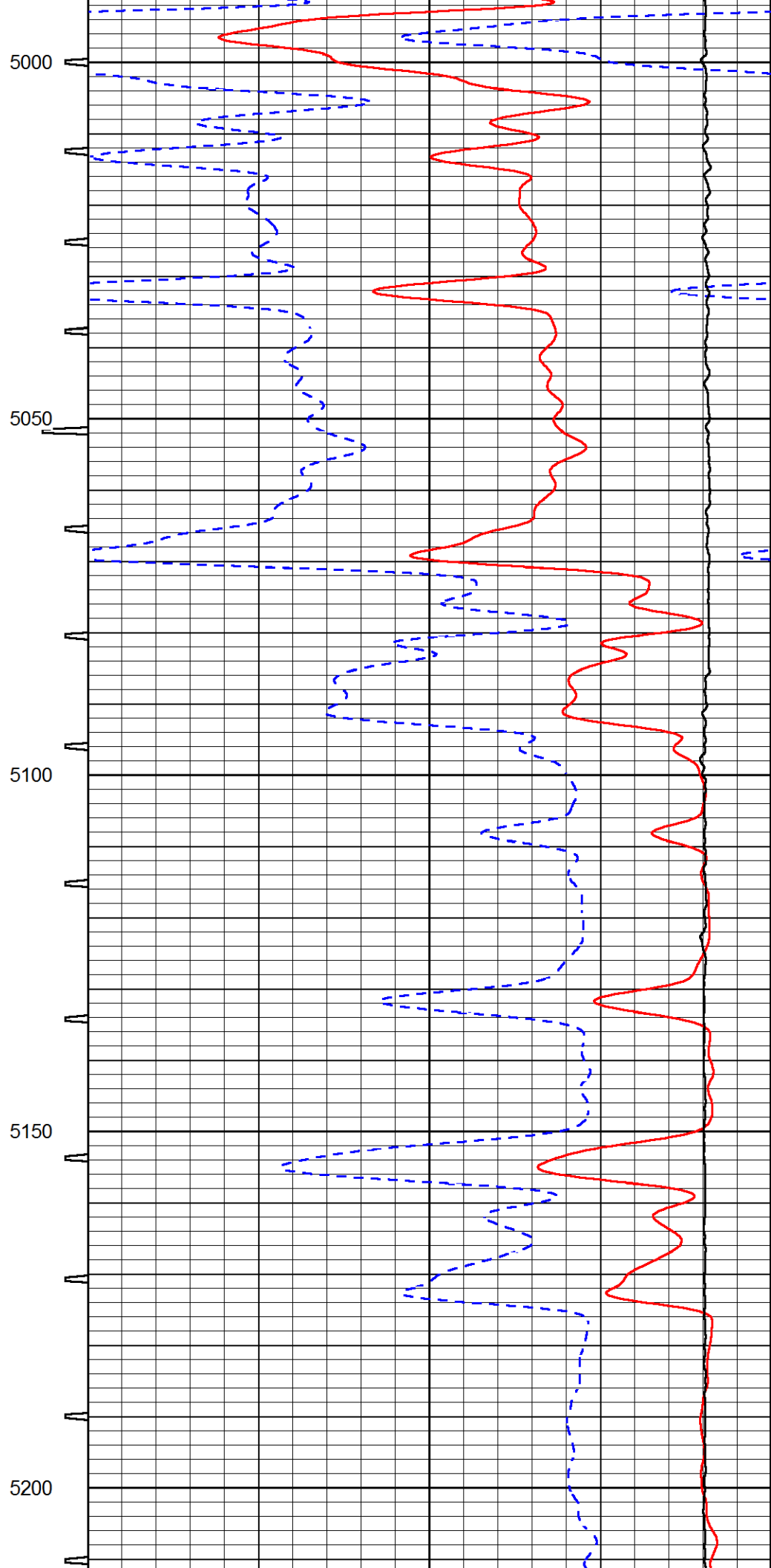
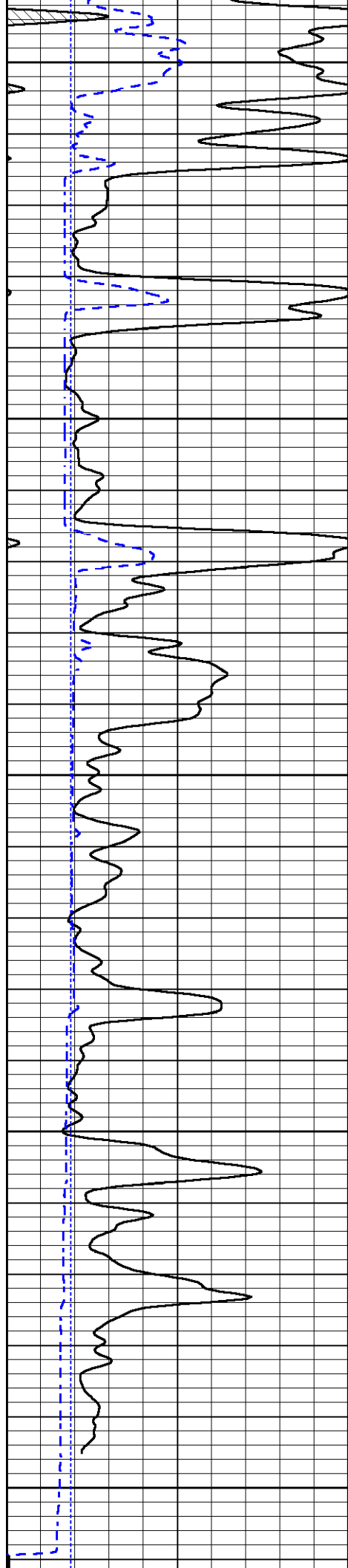


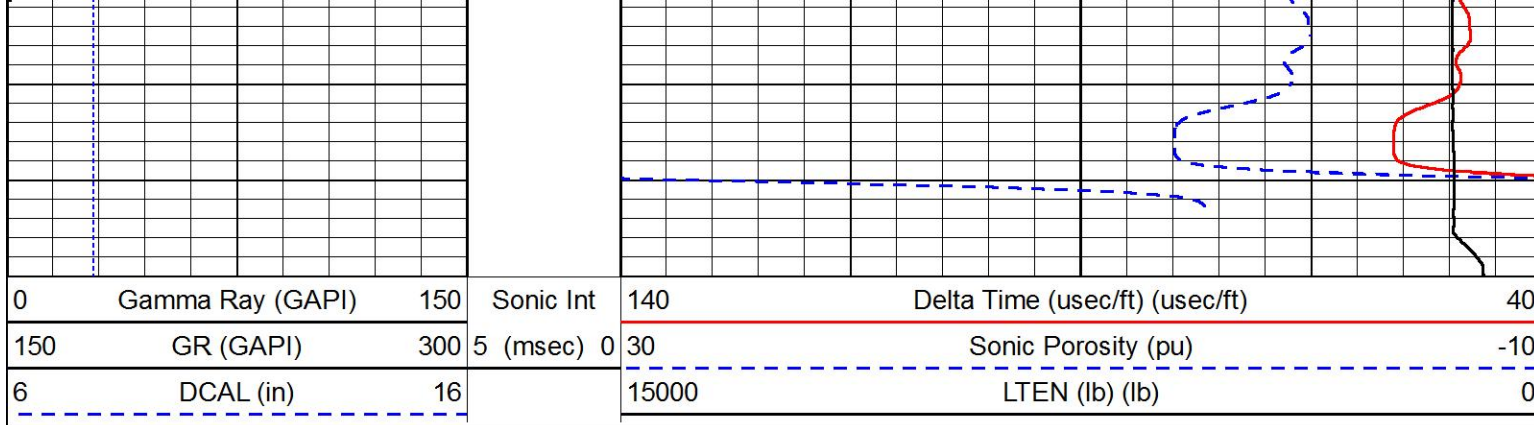






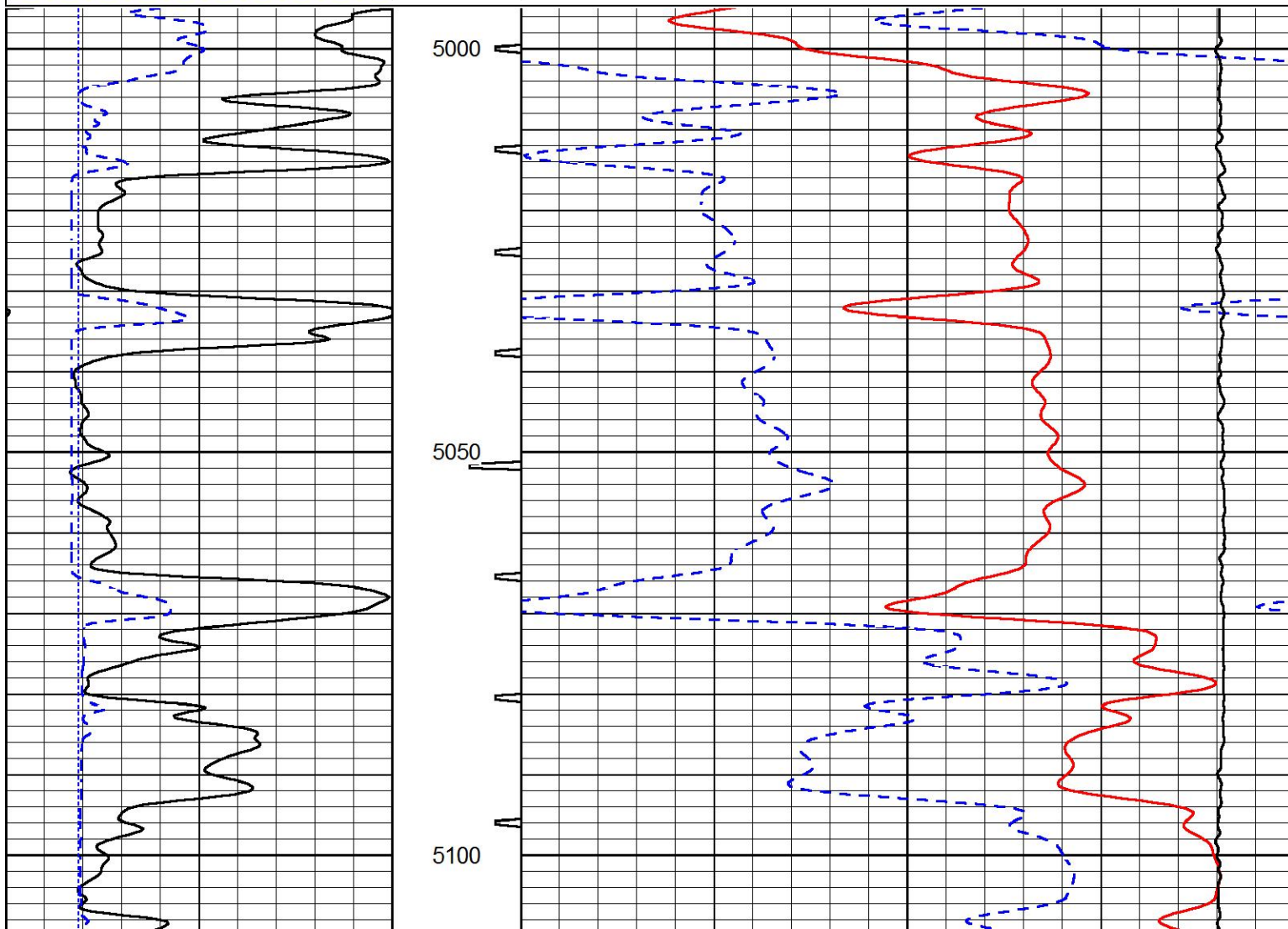
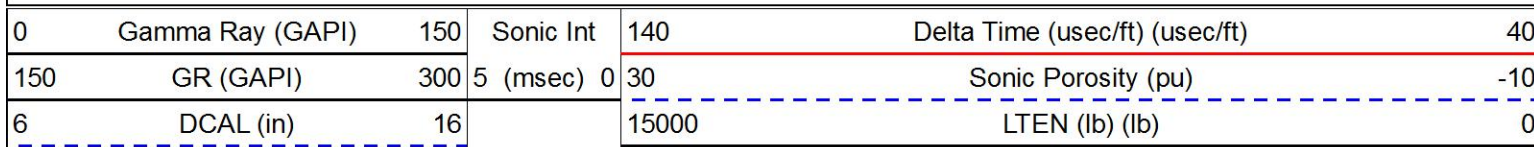


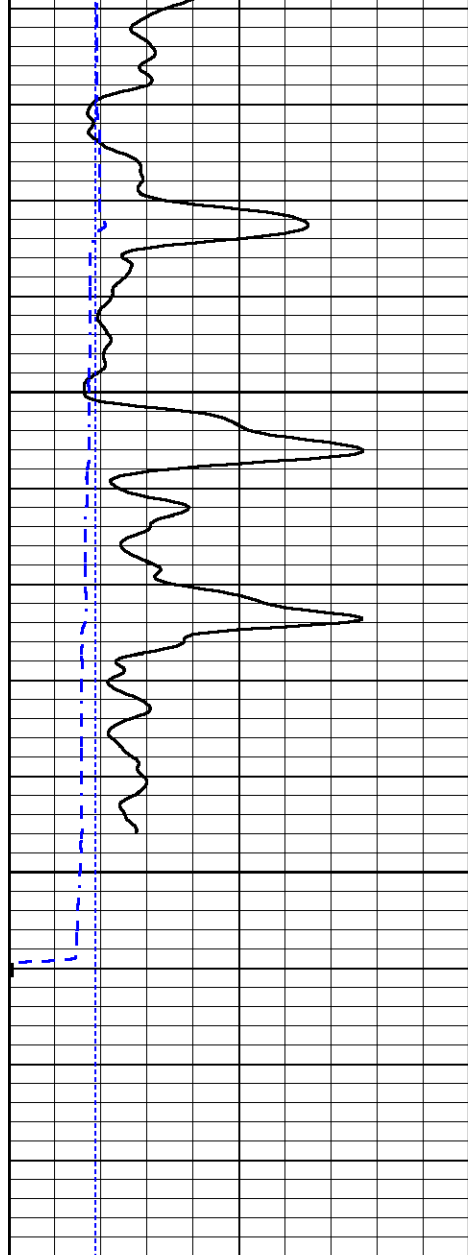




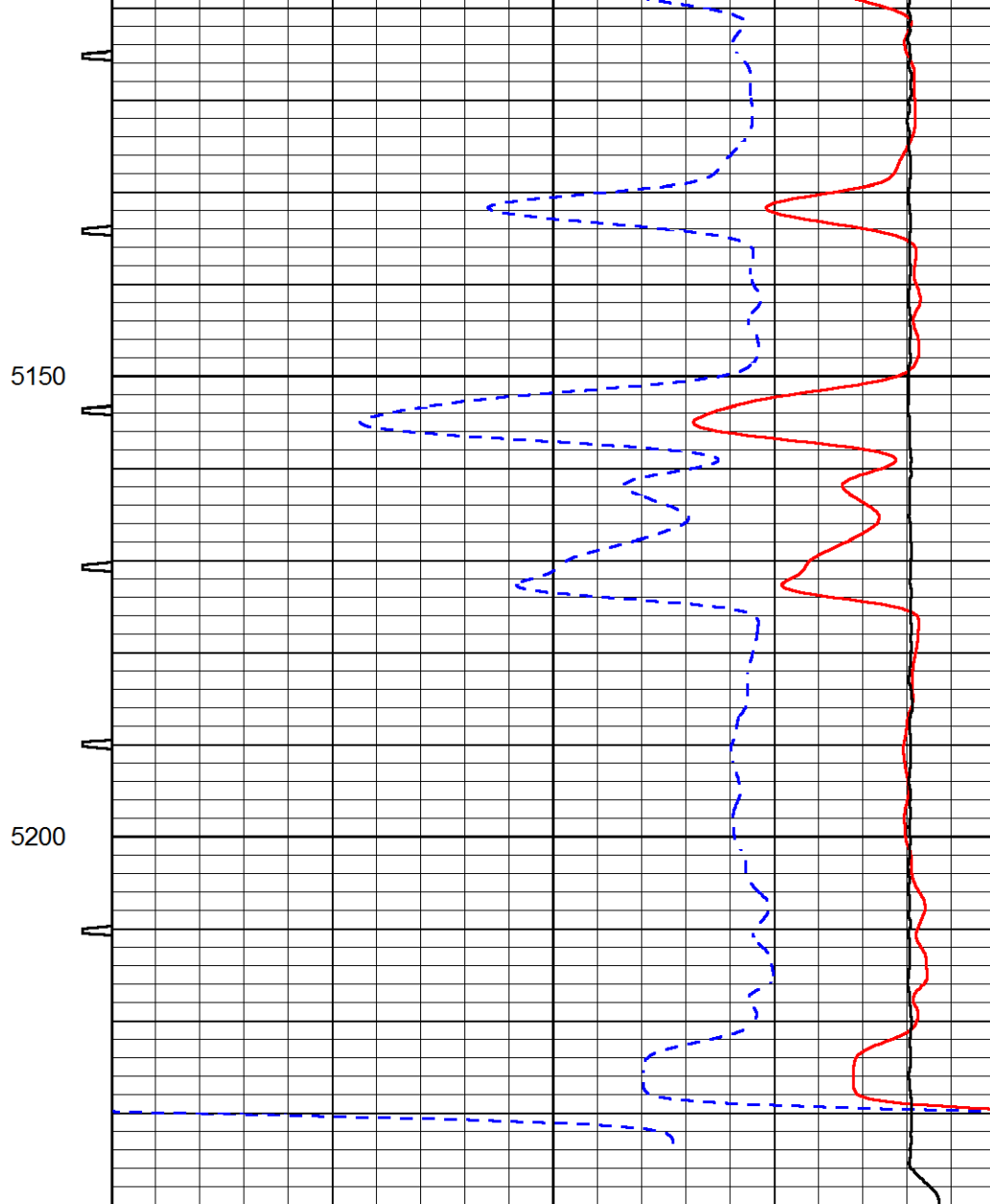
REPEAT SECTION

Database File: carmen_schmitt_sunray_1_28.db
 Dataset Pathname: stackml/pass2.1
 Presentation Format: sonic
 Dataset Creation: Tue Jun 08 00:13:22 2021
 Charted by: Depth in Feet scaled 1:240





0	Gamma Ray (GAPI)	150
150	GR (GAPI)	300
6	DCAL (in)	16



Sonic Int	140	Delta Time (usec/ft) (usec/ft)	40
5 (msec) 0	30	Sonic Porosity (pu)	-10
	15000	LTEN (lb) (lb)	0