



BOREHOLE COMPENSATED SONIC

MIDWEST WIRELINE

Company Castle Resources, Inc
Well Herl #5
Field Wheatland SW
County Ellis
State Kansas

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Well Herl #5
Field Wheatland SW
County Ellis State Kansas

Location: API #: 15-051-27141-00-00

Other Services

SE NW SW NE
1845 FNL & 2135 FEL
SEC 24 TWP 15S RGE 18W

CNL/CDL
MEL/DIL

Permanent Datum Ground Level Elevation 1991
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing

K.B. 2002
D.F.
G.L. 1991

Date 5/19/2026

Run Number Two
Type Log BHCS
Depth Driller 3922
Depth Logger 3921
Bottom Logged Interval 3909
Top Logged Interval 200
Type Fluid In Hole Chemical
Salinity, PPM CL 16500
Density 9.6
Level Full
Max. Rec. Temp. F 114
Operating Rig Time 4 Hours
Equipment -- Location P-24 Hays
Recorded By T. Martin
Witnessed By Jerry Green

Borehole Record

Casing Record

Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25	00	223	8.625	23	00	223
Two	7.875	223	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.

Hays, KS, S to Chetolah Gold Rd, 3 E, 1/4 S, W into

Log Measured From: Kelly Bushing 5 Ft. Above Permanent Datum

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

Your Midwest Wireline Crew

Engineer: T. Martin
Operator:
Operator:
Operator:

This Log Record Was Witnessed By

Primary Witness: Jerry Green
Secondary Witness:
Secondary Witness:
Secondary Witness:

Log Variables

DatabaseC:\ProgramData\Warrior\Data\castle_herl #5.db
Dataset field/well/Stack/pass3.1/_vars_

Top - Bottom

A	BOREID in	BOTTEMP degF	CASEOD in	CASETHCK in	FLUIDDEN g/cc	M	MATRXDEN g/cc
1	7.875	114	5.5	0	1	2	2.71
NPORSEL	PERFS	SNDERR mmho/m	SNDERRM mmho/m	SPSHIFT mV	SRFTEMP degF	SZCOR	TDEPTH ft
Limestone	No	4	-3.5	160	60	Off	3921

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

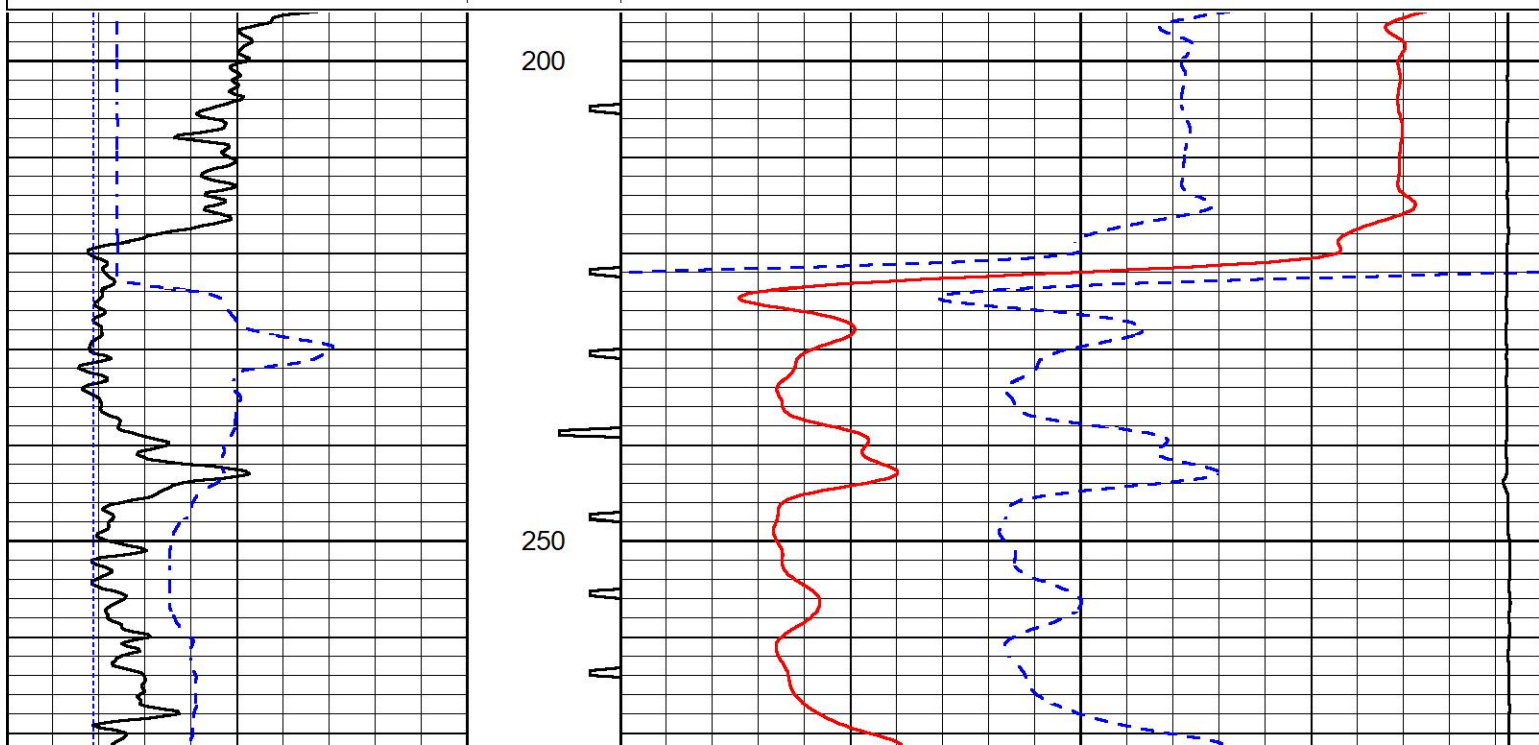


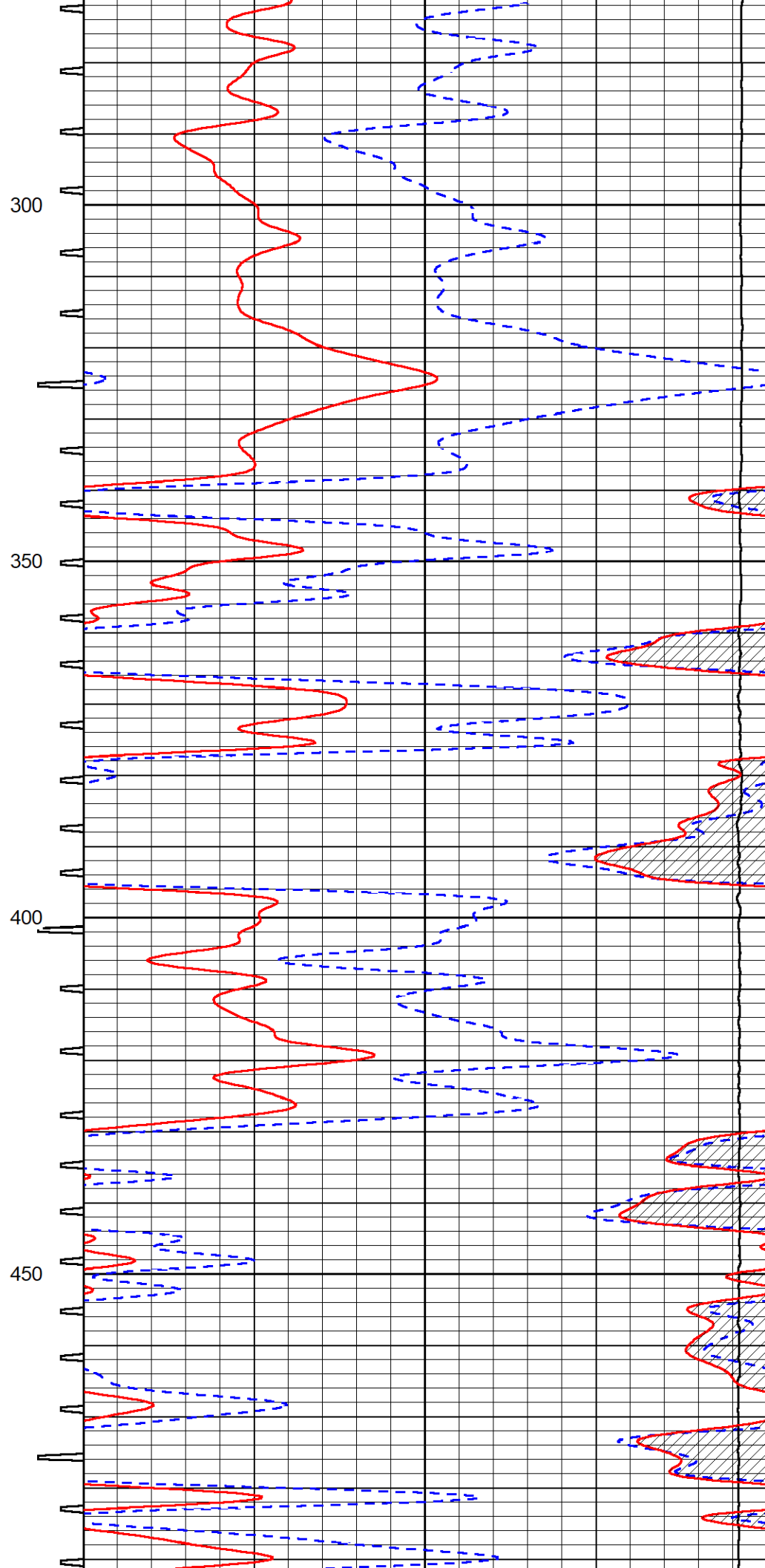
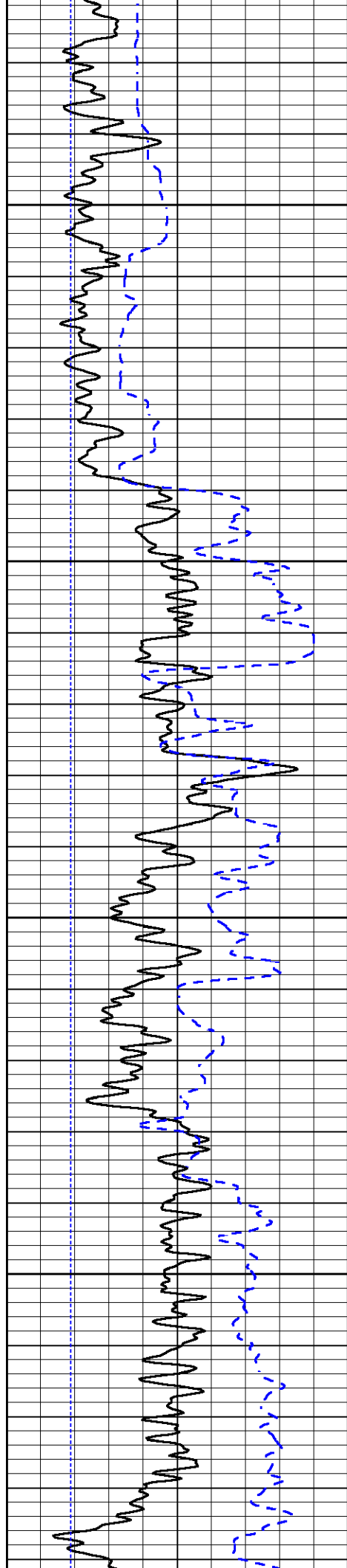
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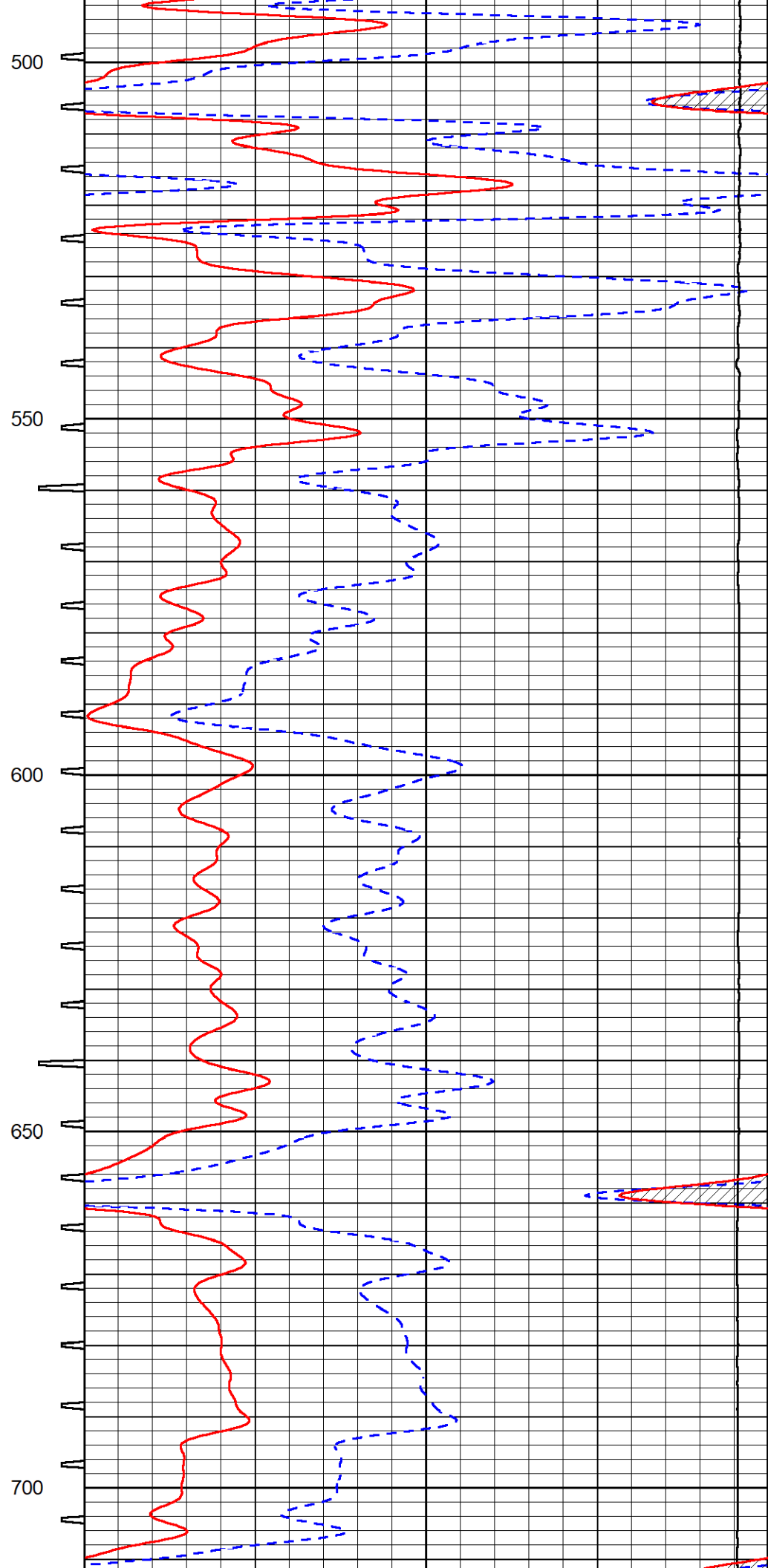
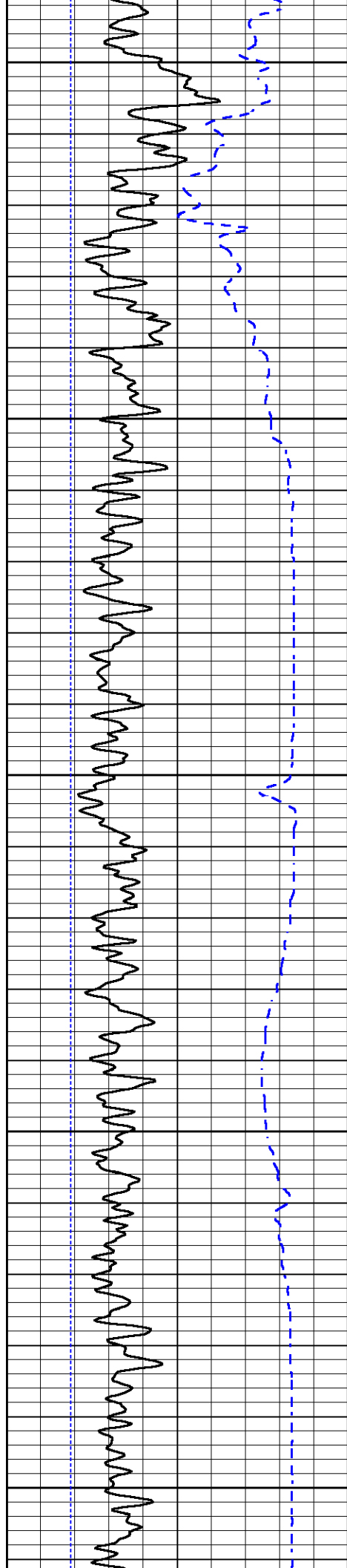
MAIN PASS

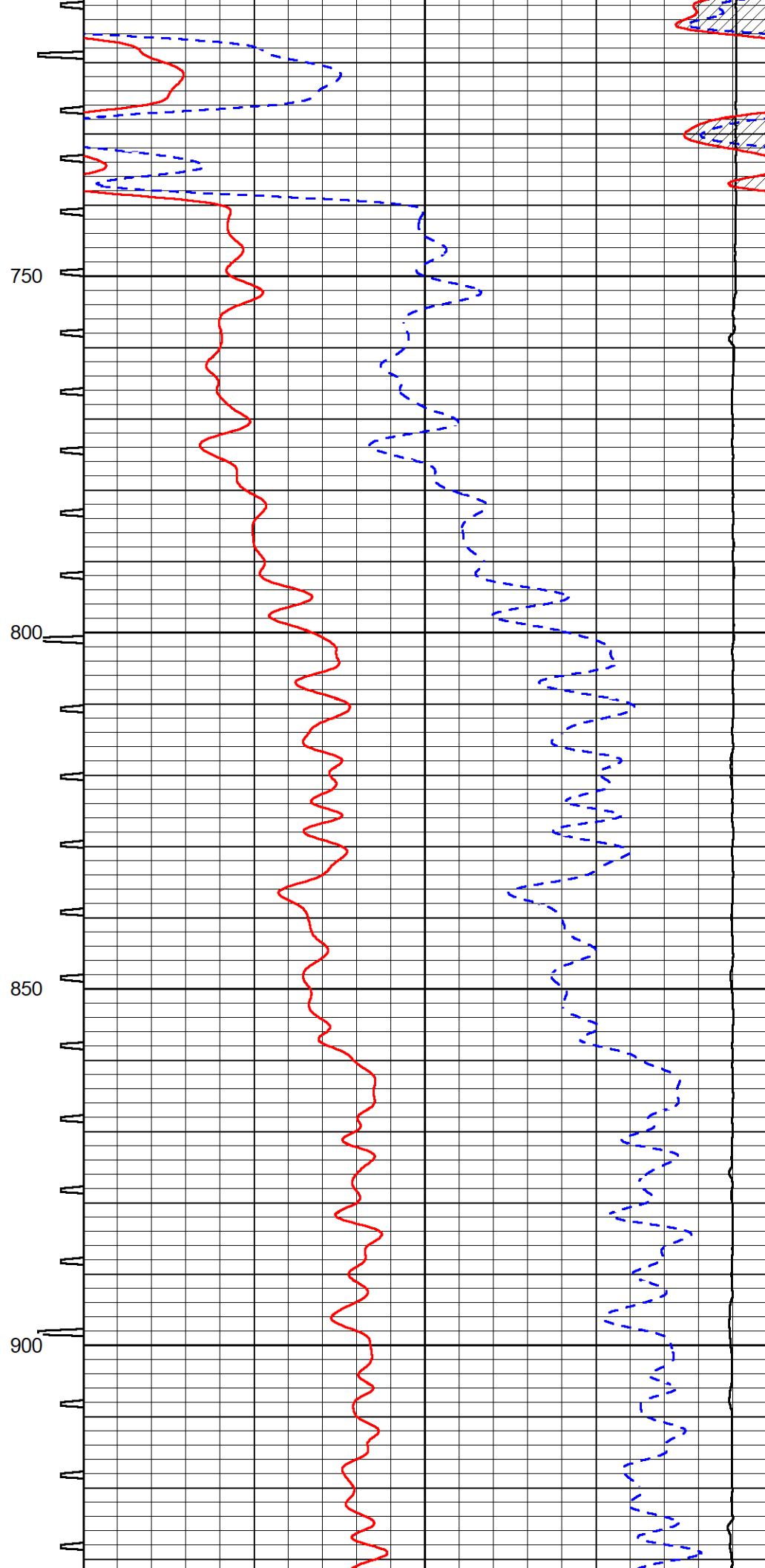
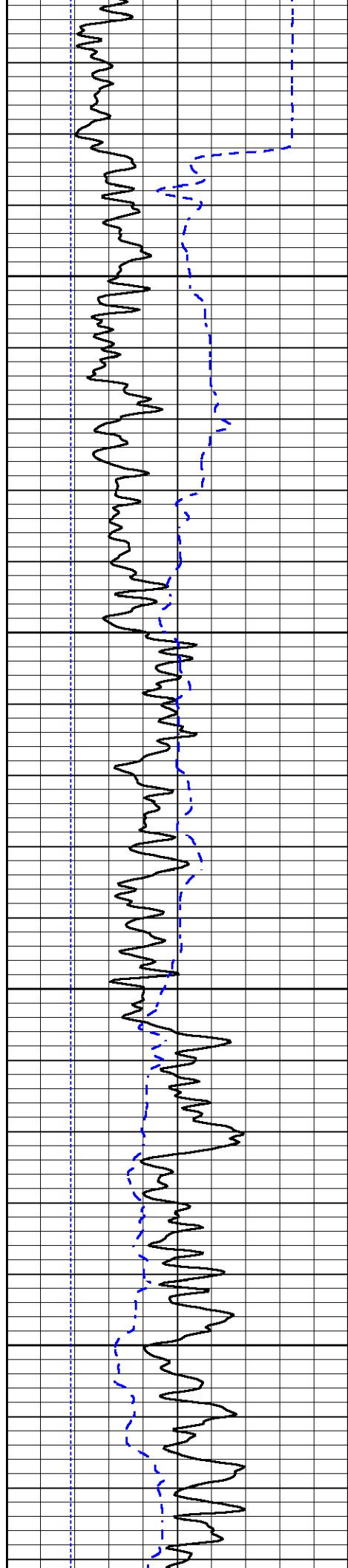
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Dataset Pathname Stack/pass3.1
Presentation Format _sonic
Dataset Creation Tue May 19 13:11:09 2026
Charted by Depth in Feet scaled 1:240

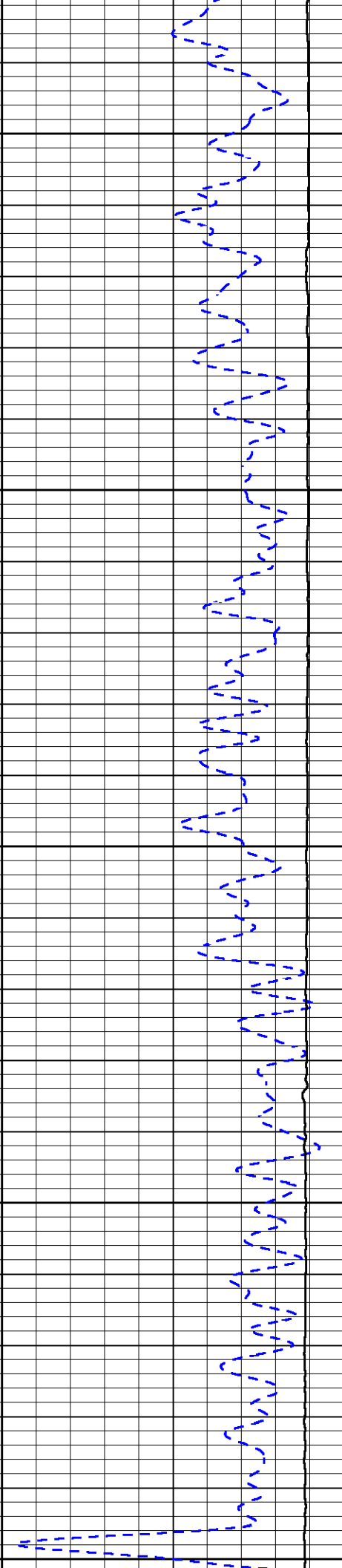
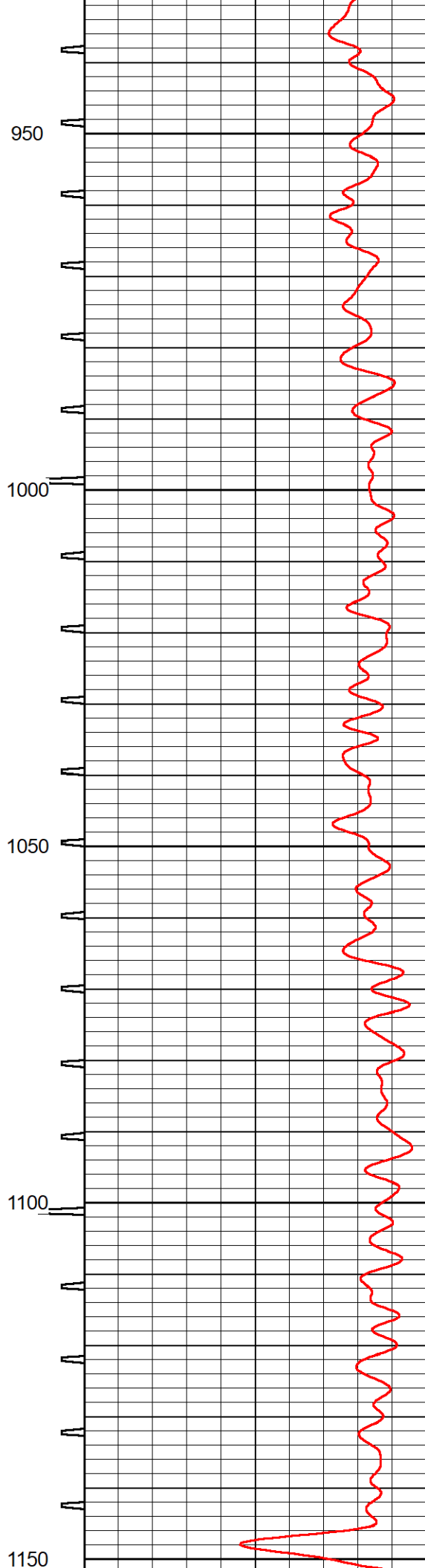
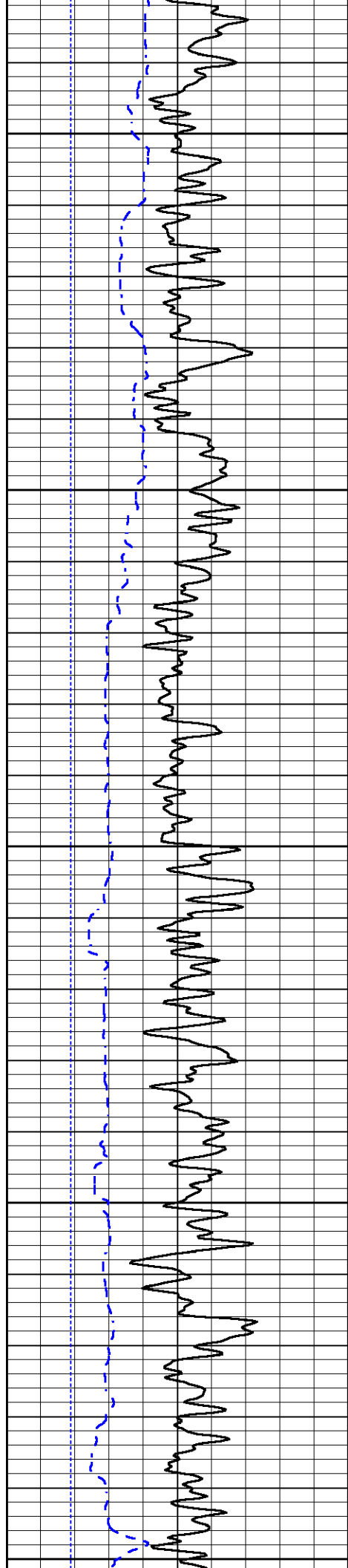
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150	GR (GAPI)	300	5 (msec) 0	30	Sonic Porosity (pu) (pu)	-10
6	Caliper (in)	16		15000	Line Tension (lb)	0

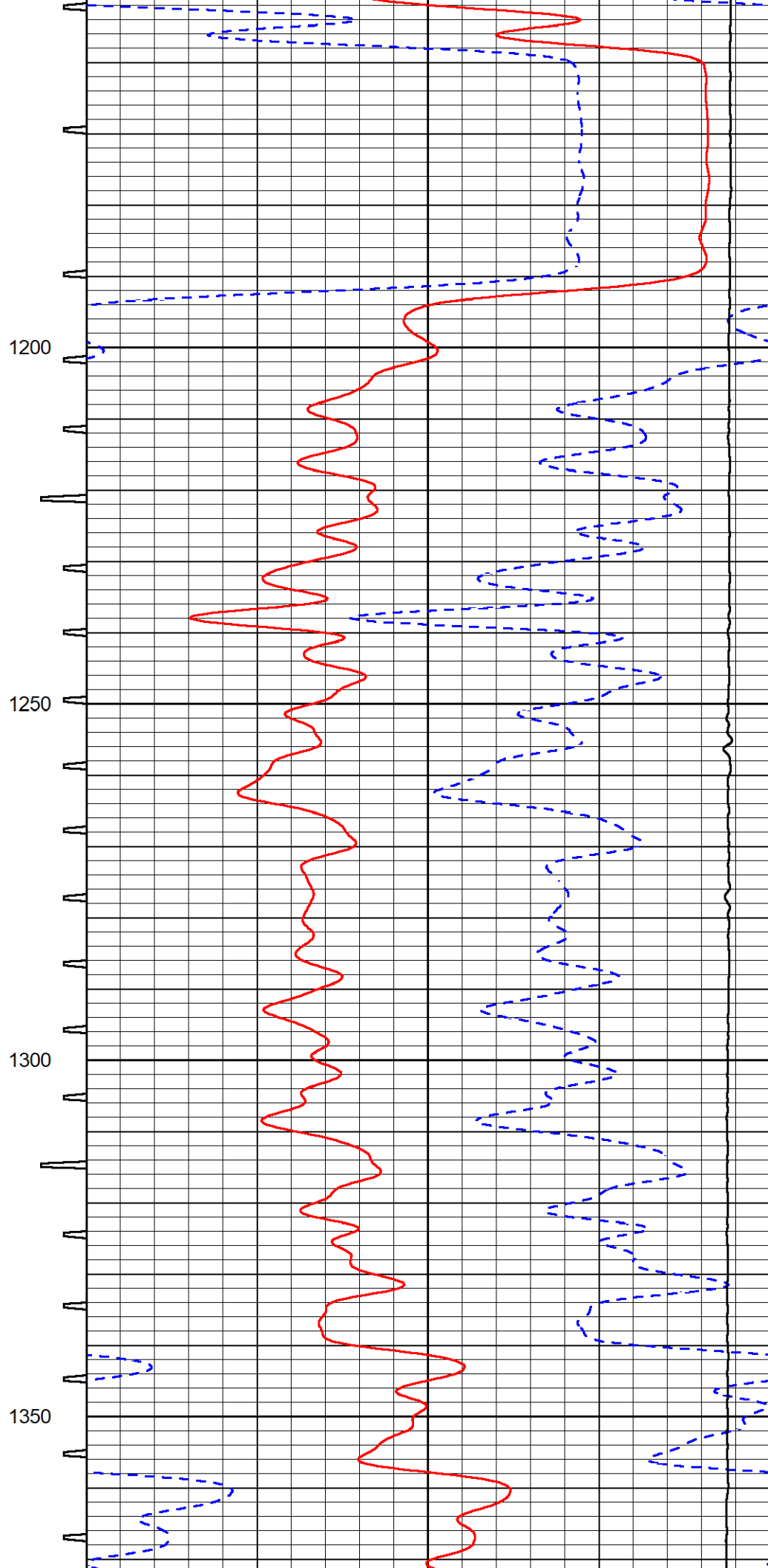
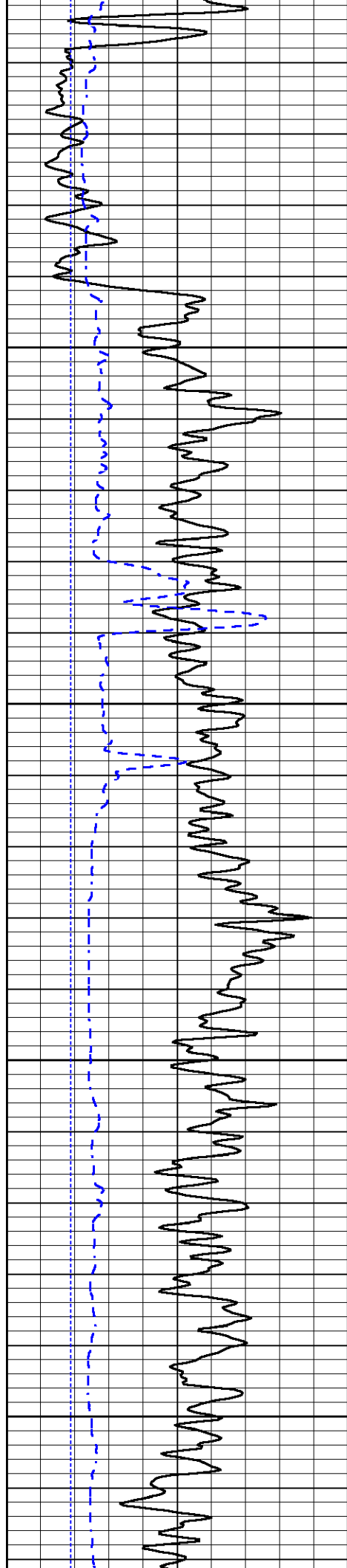


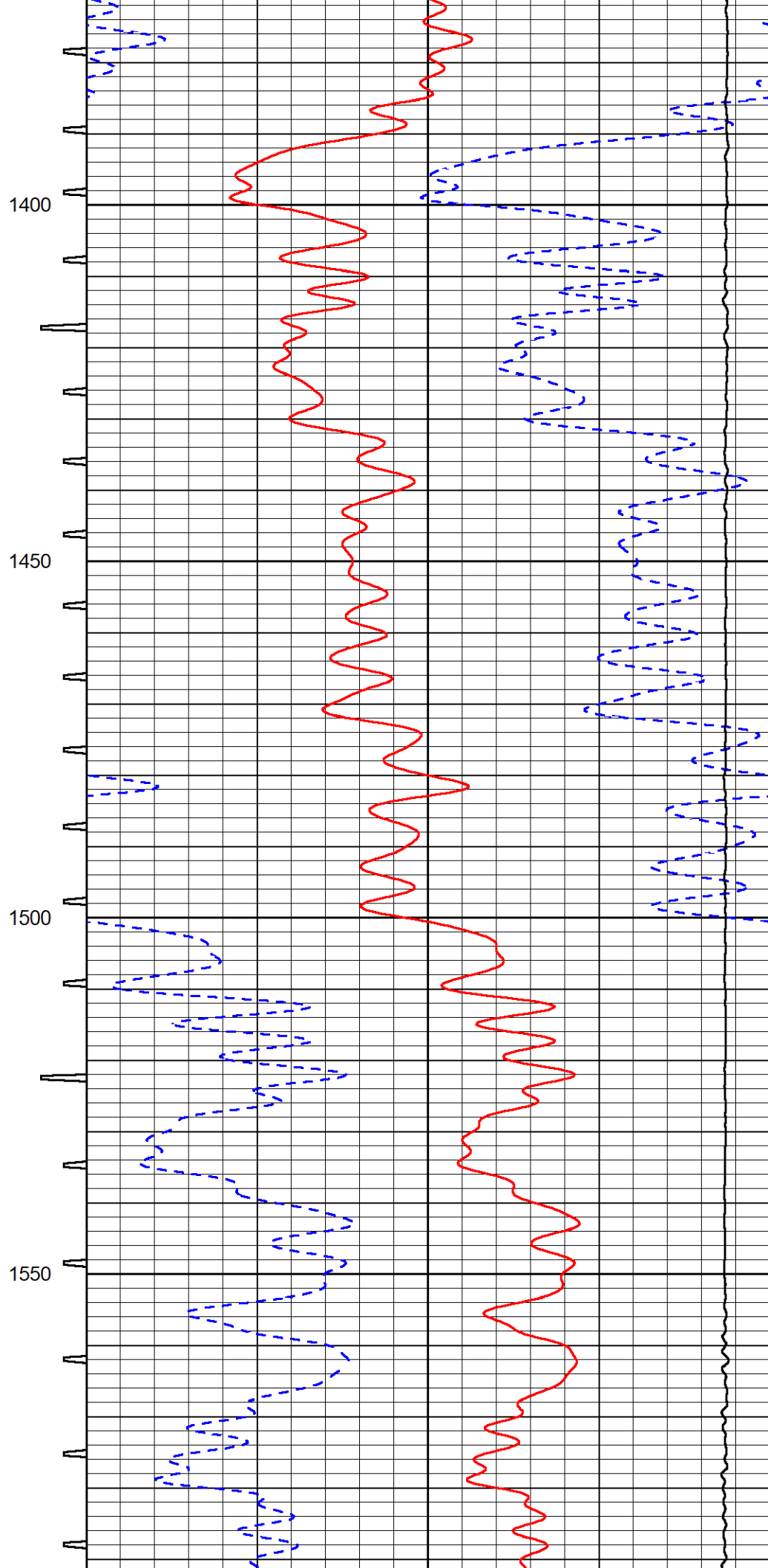
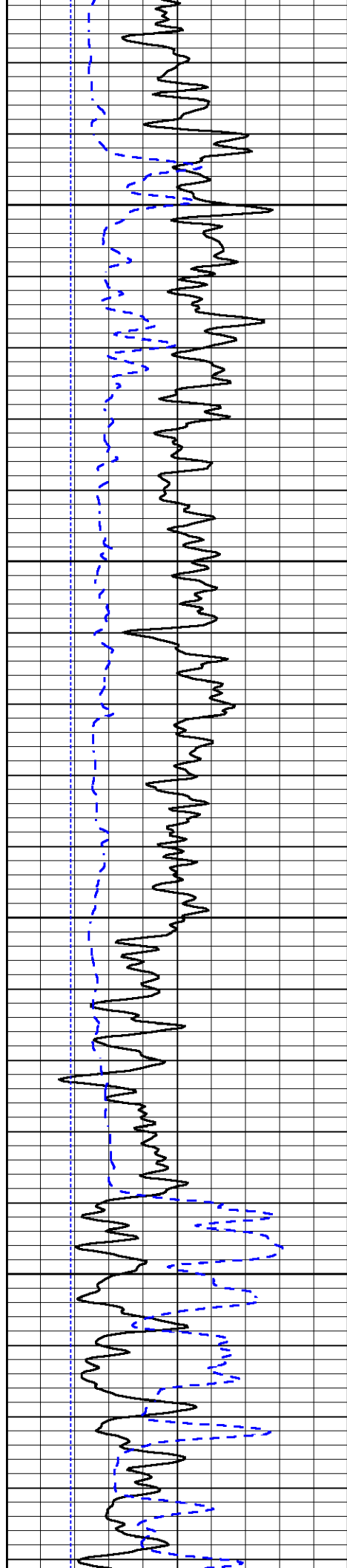


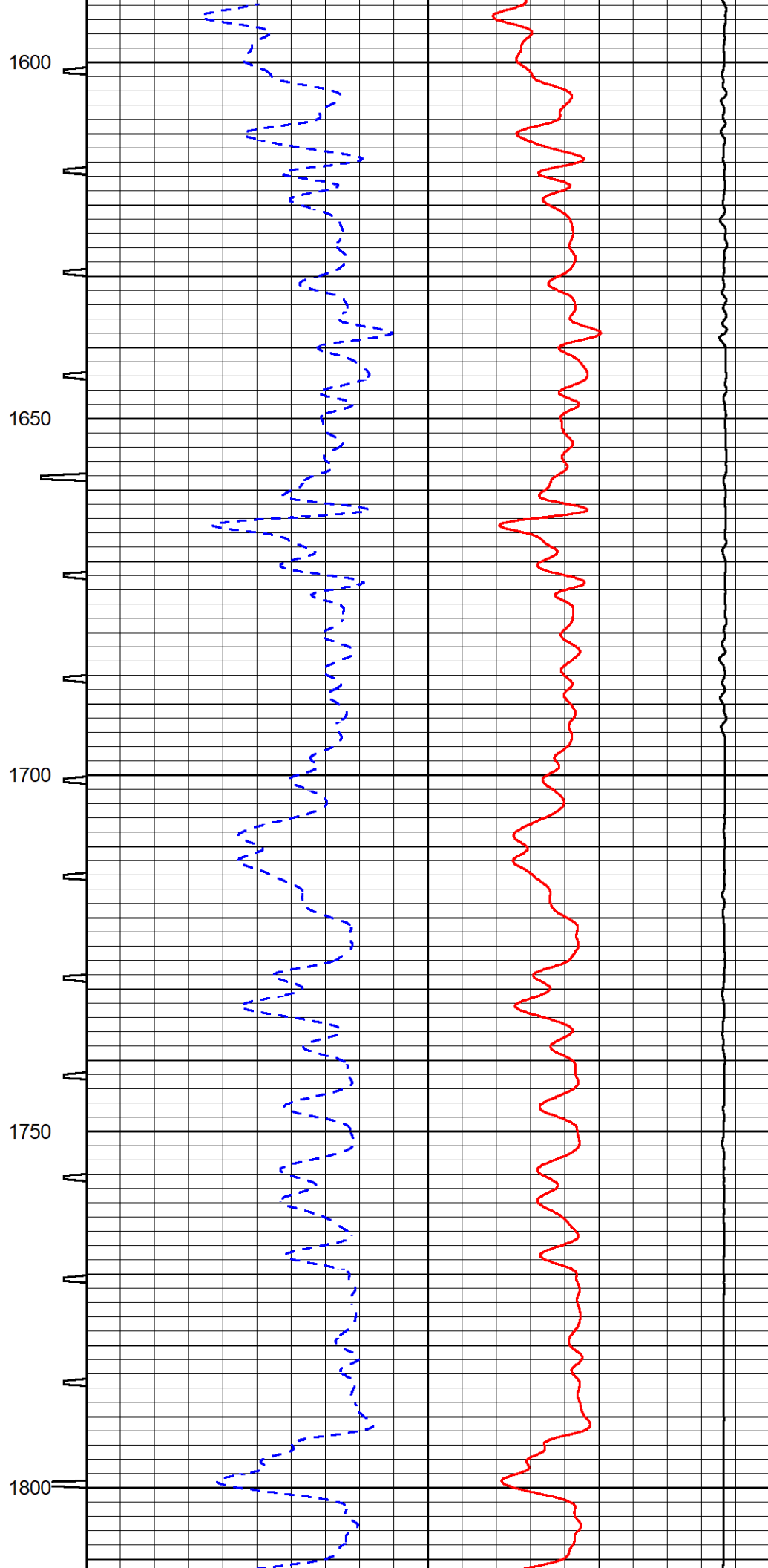
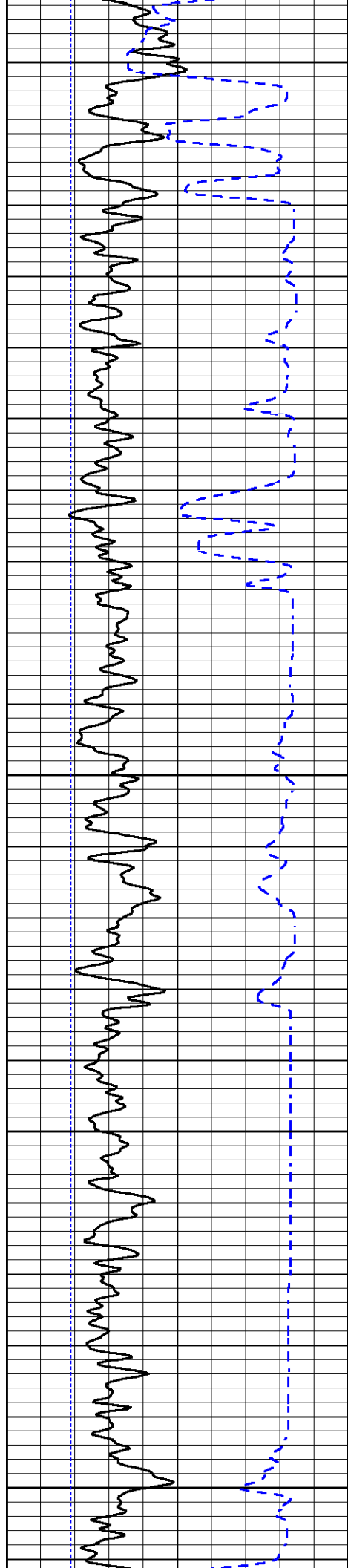


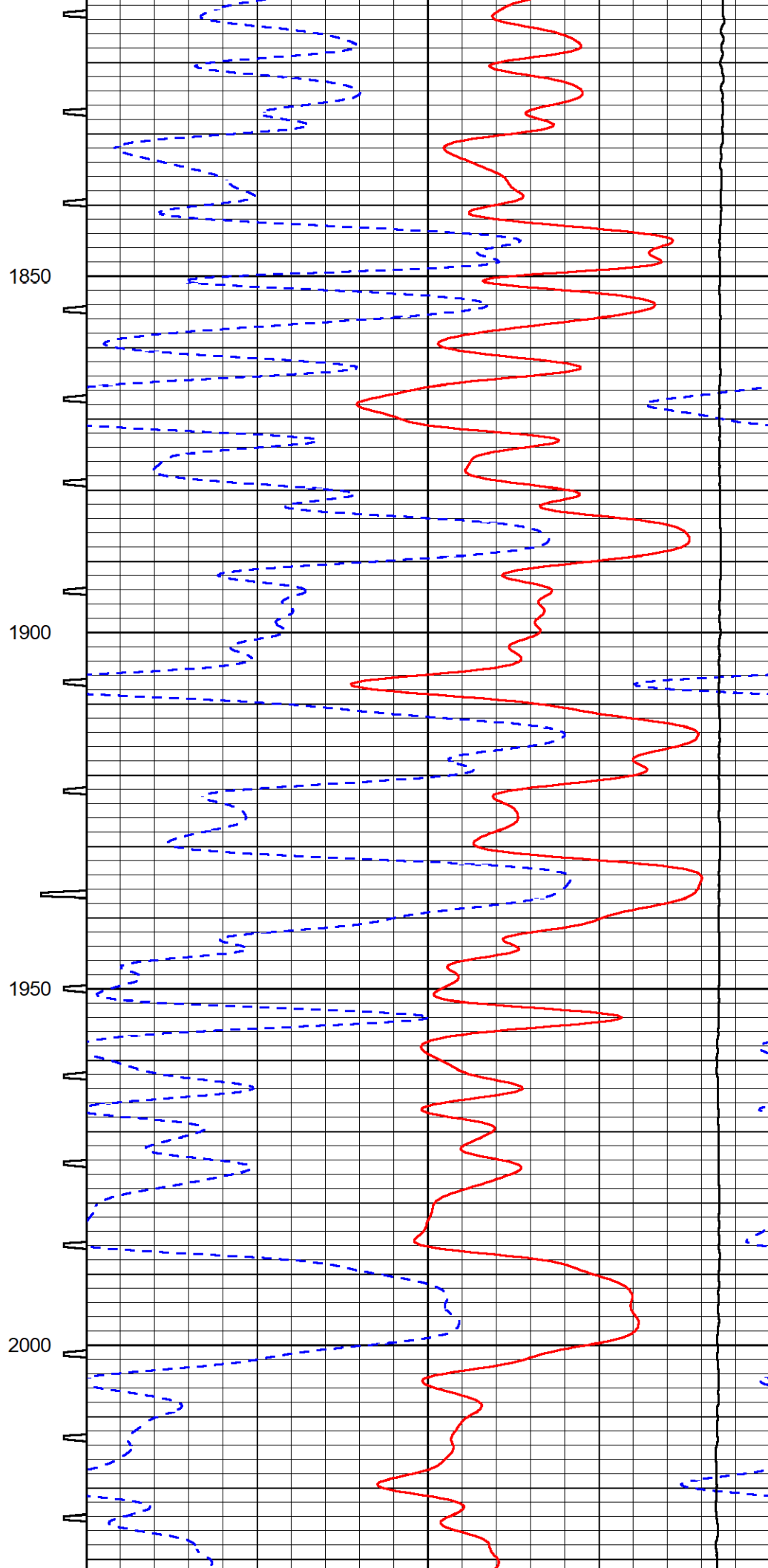
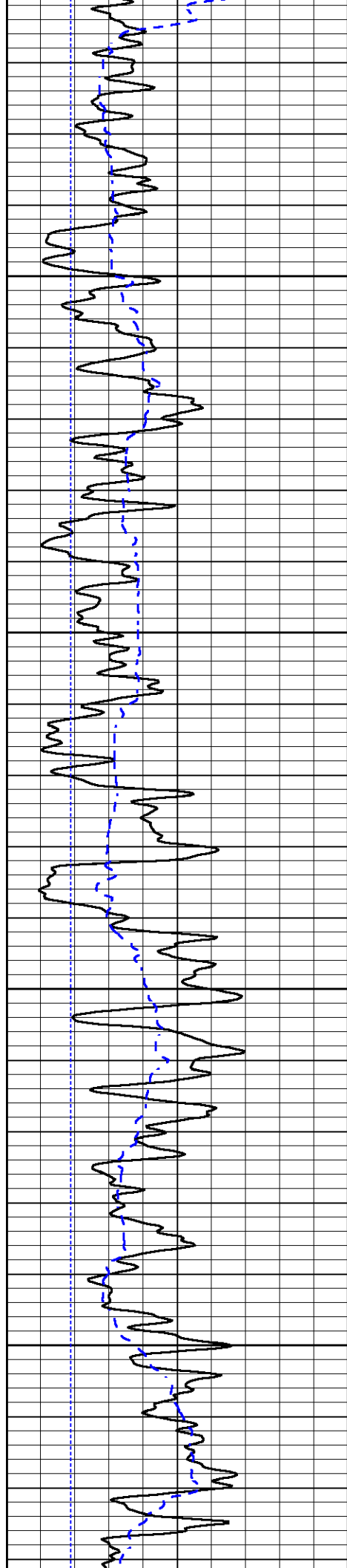


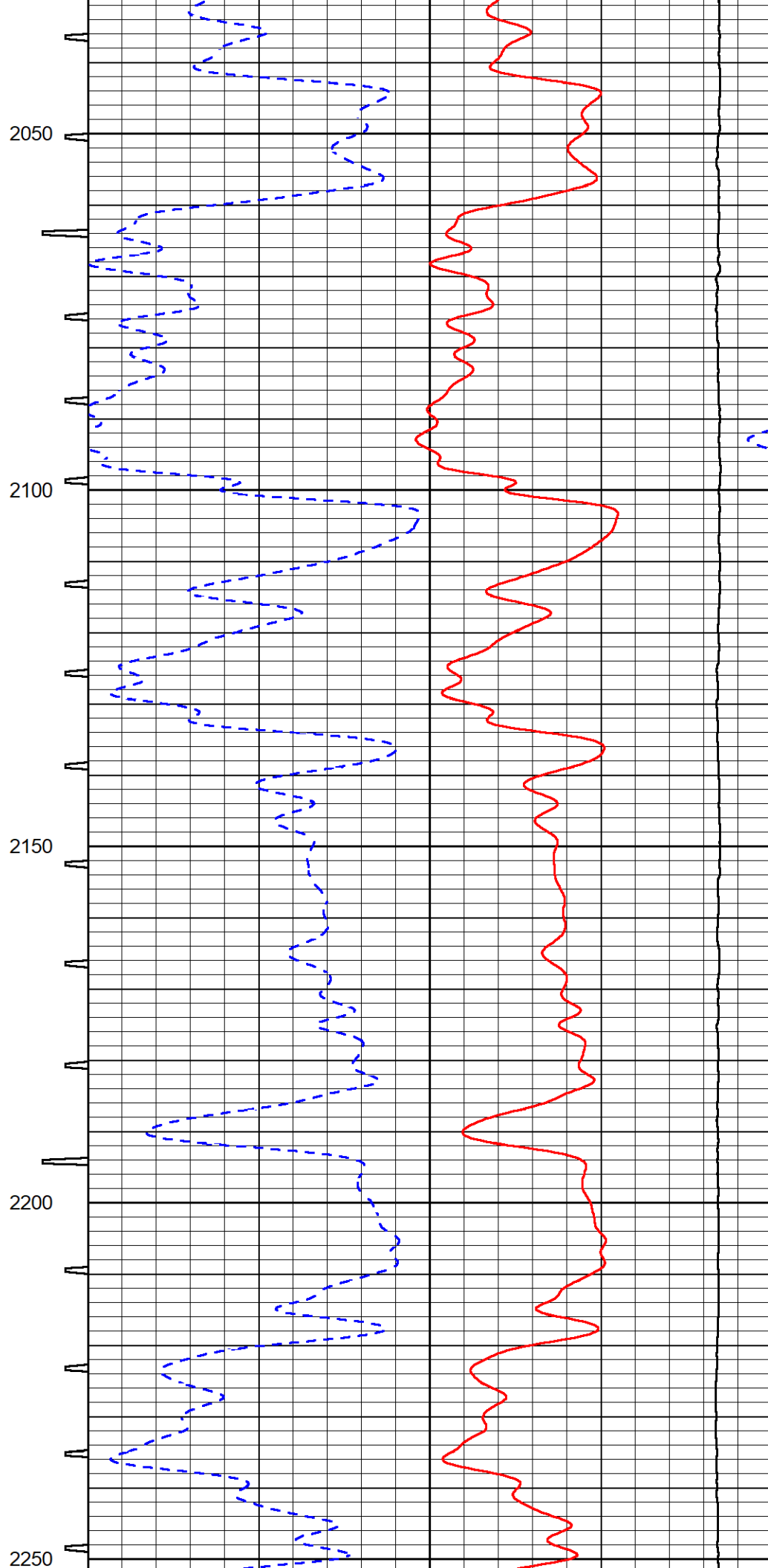
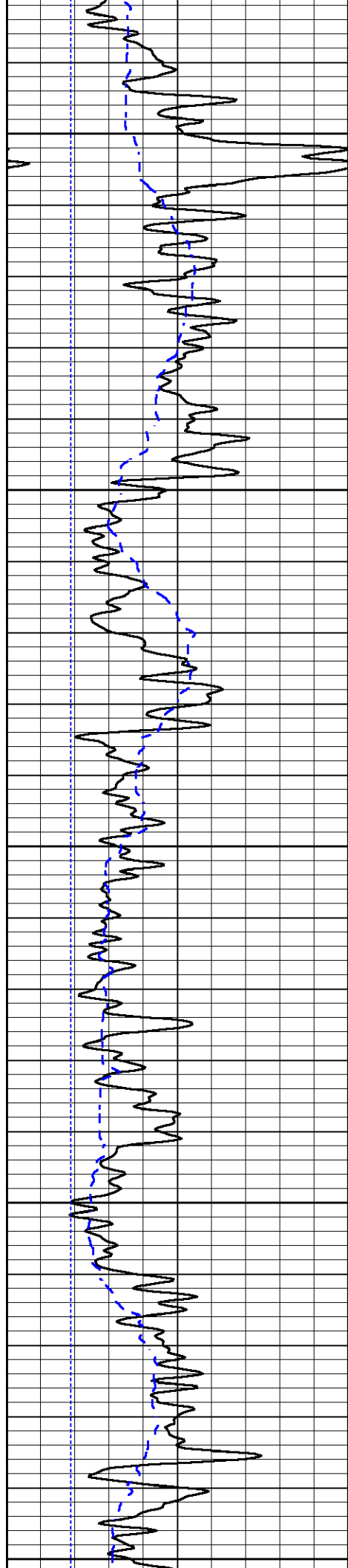


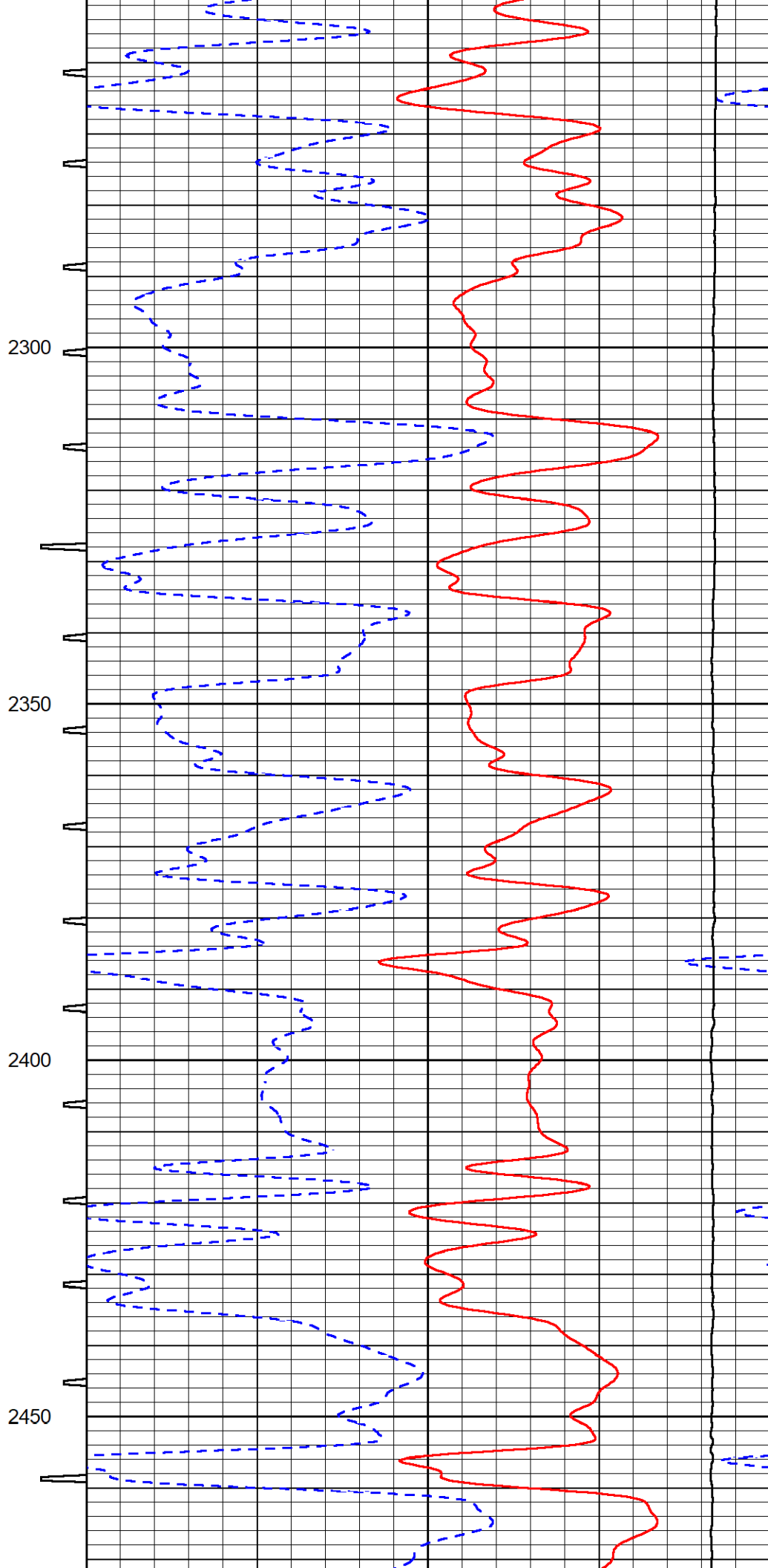
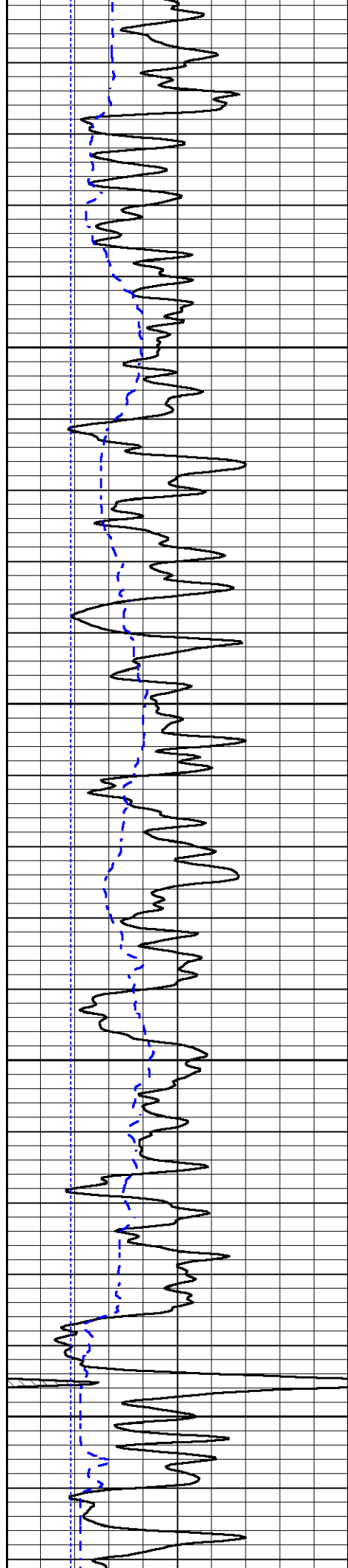


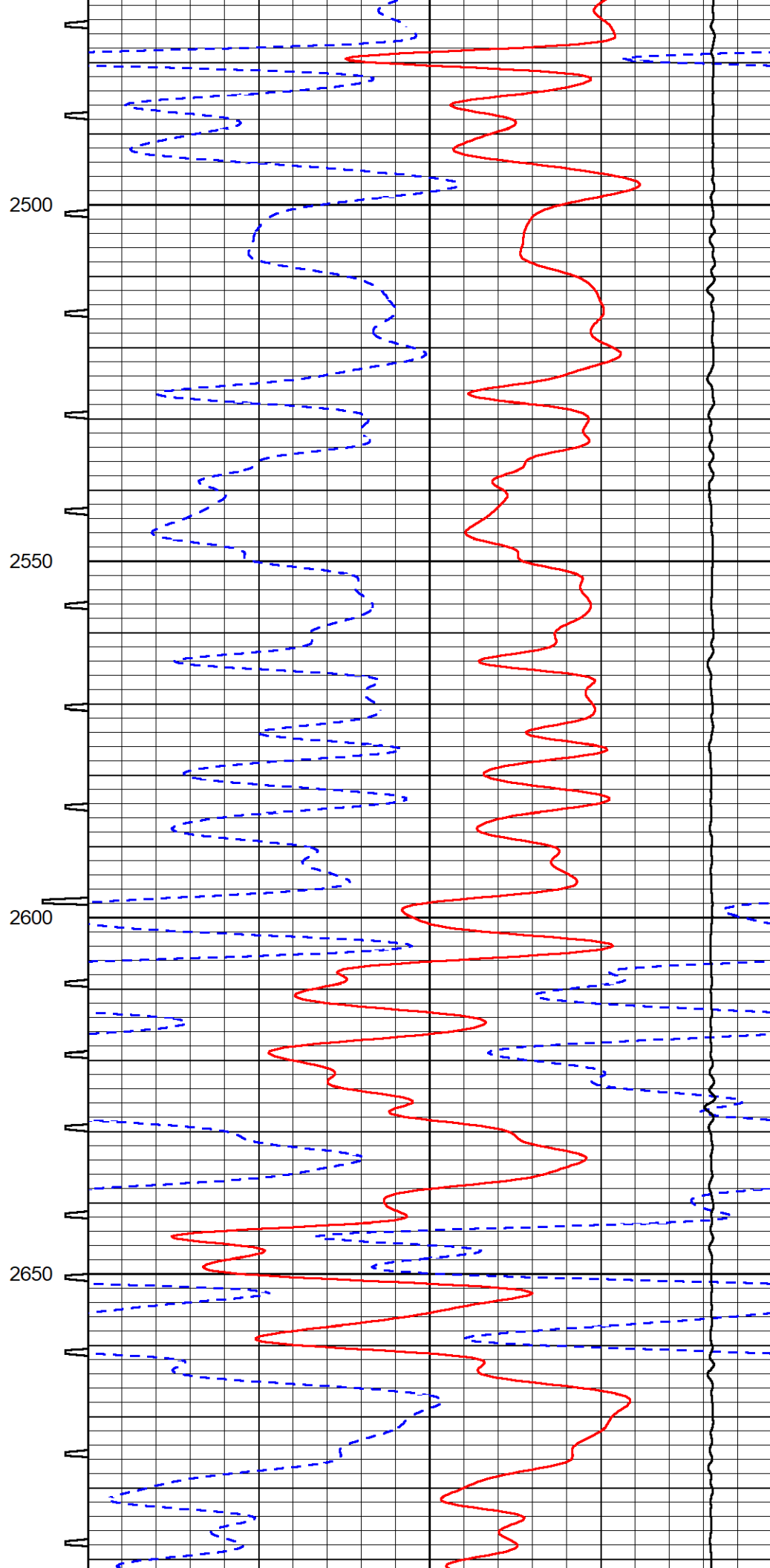
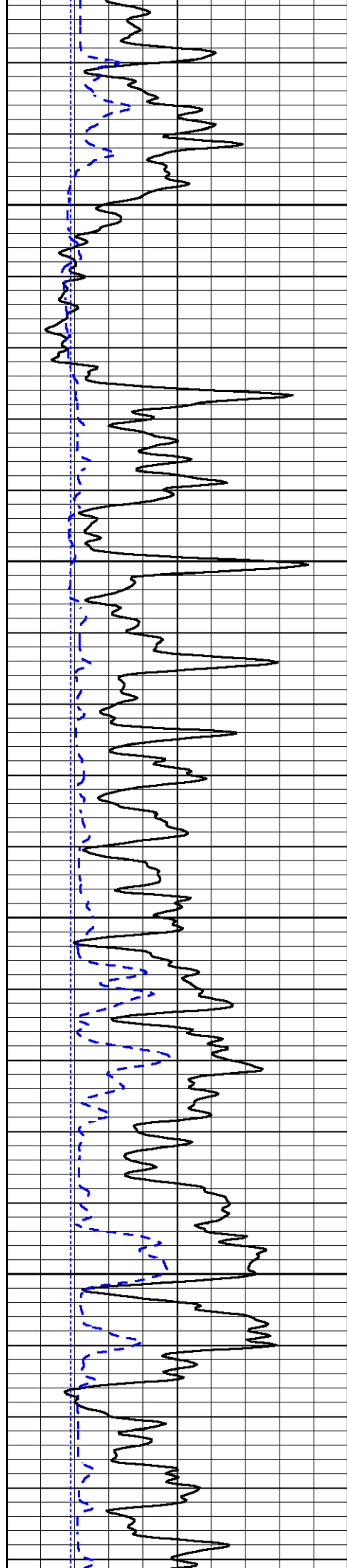


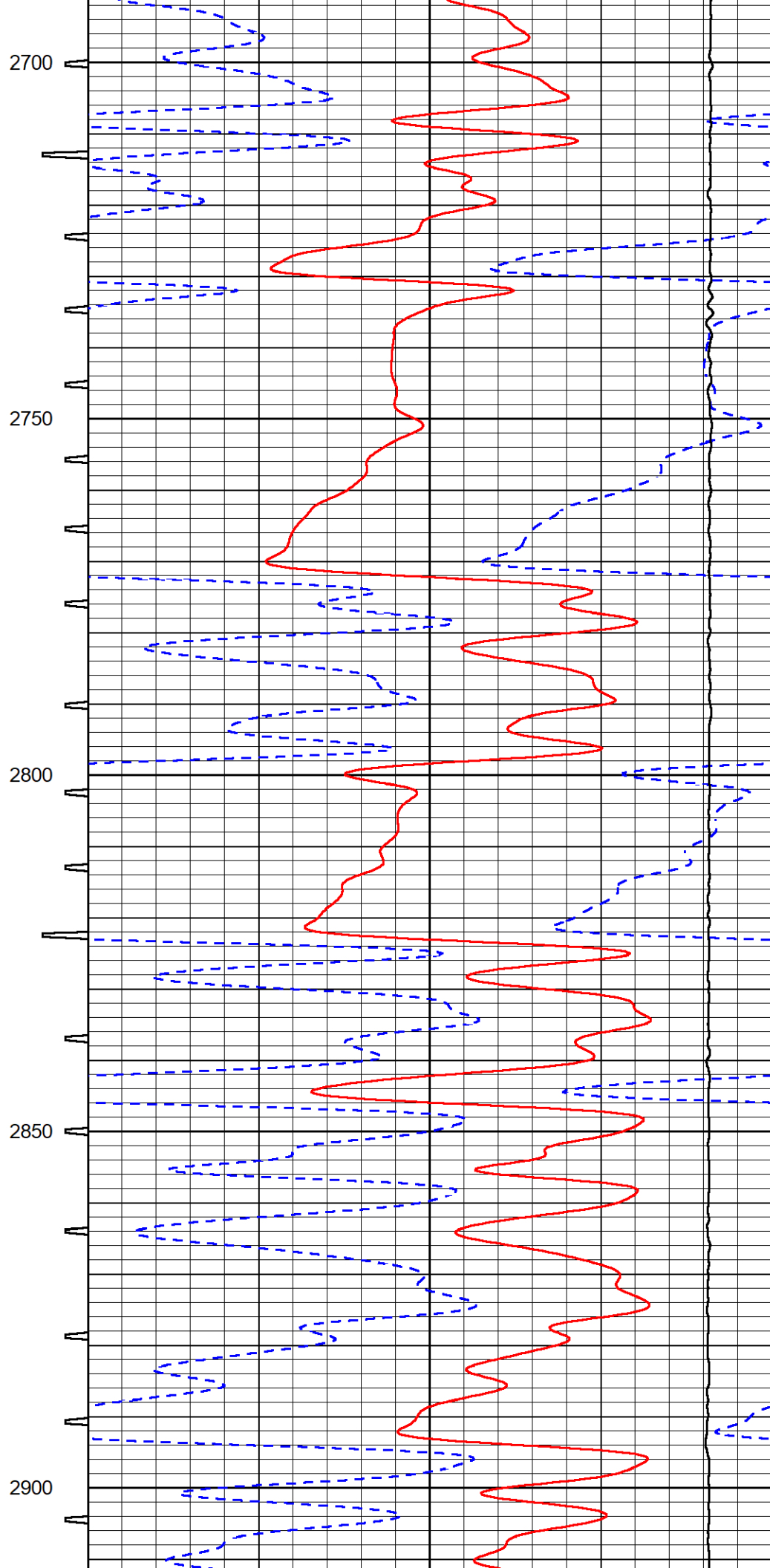
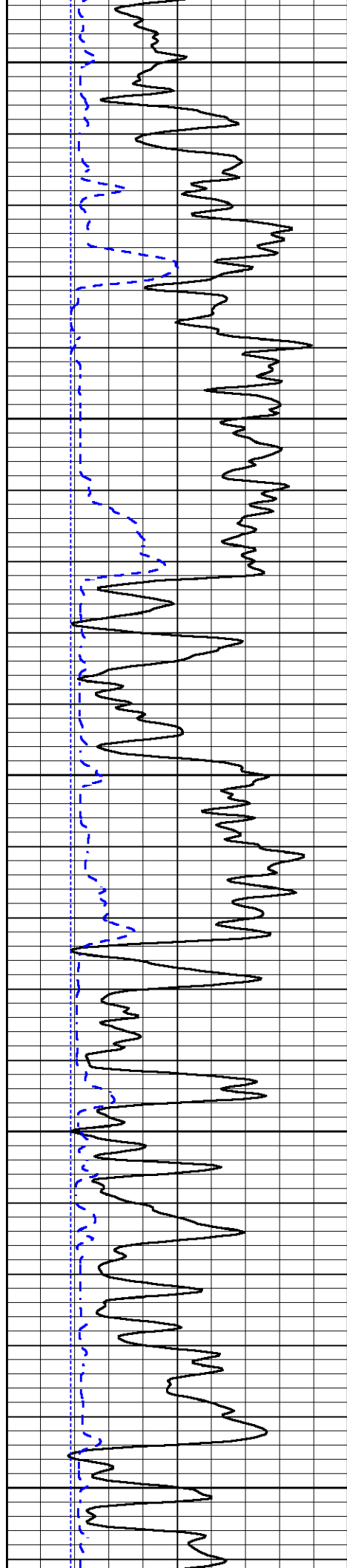


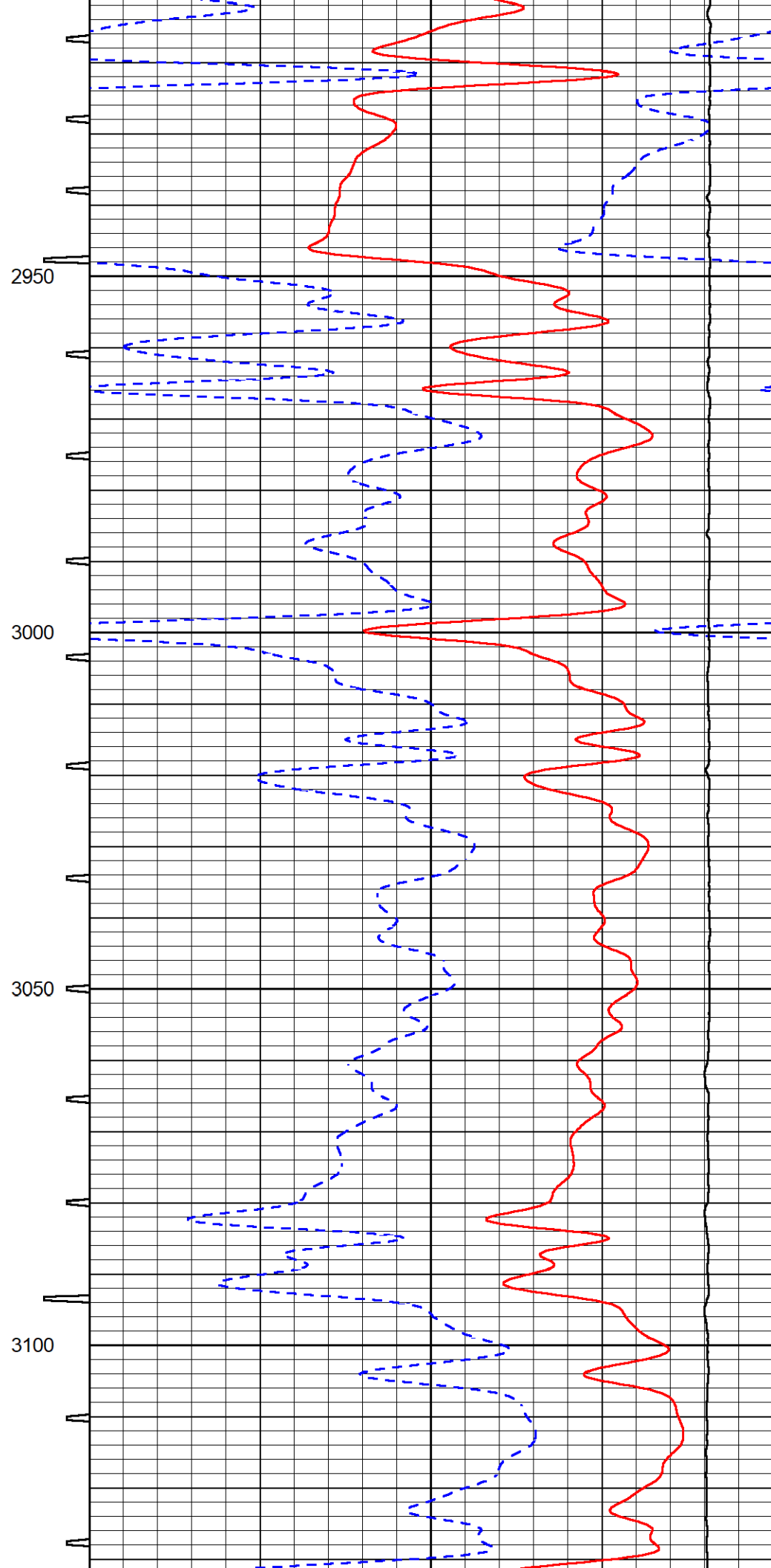
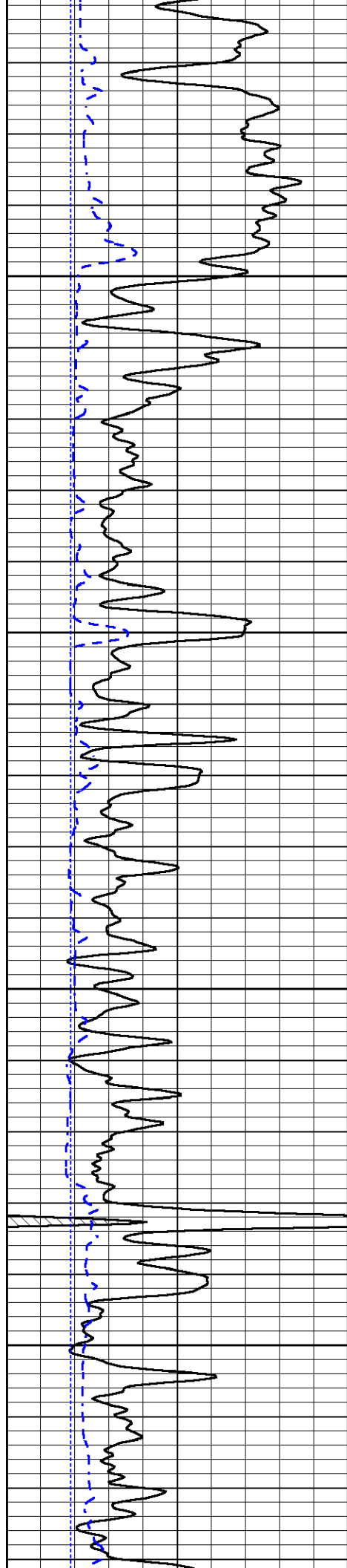


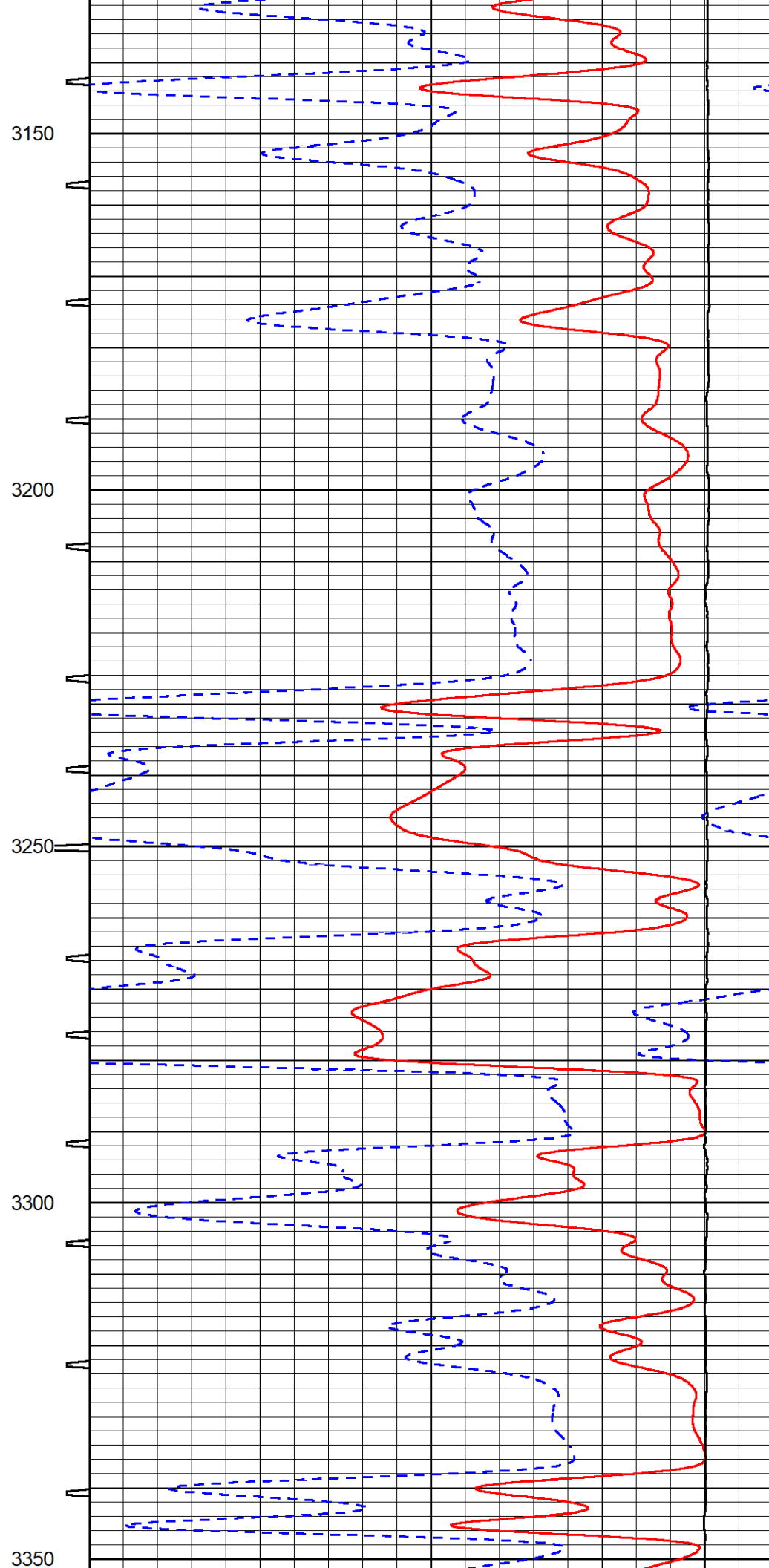
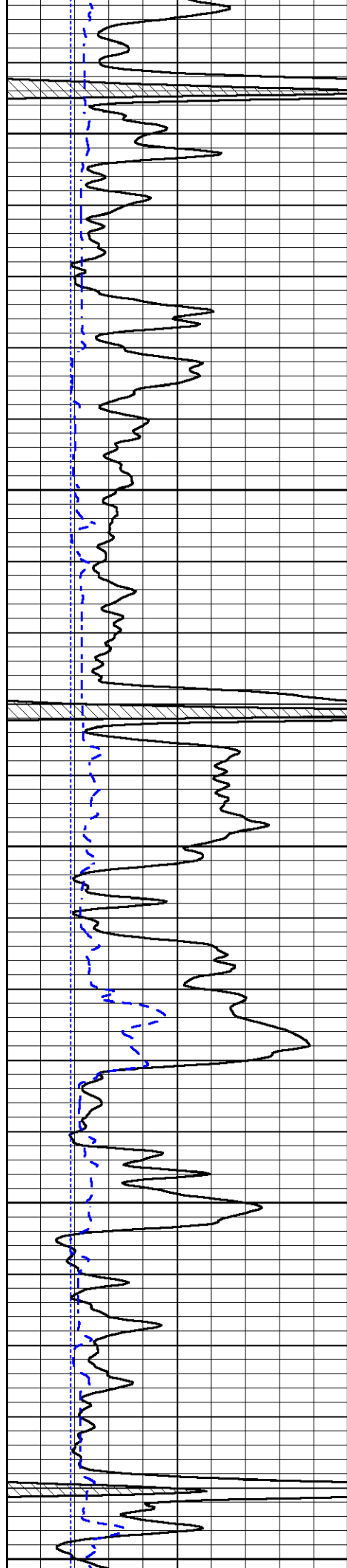


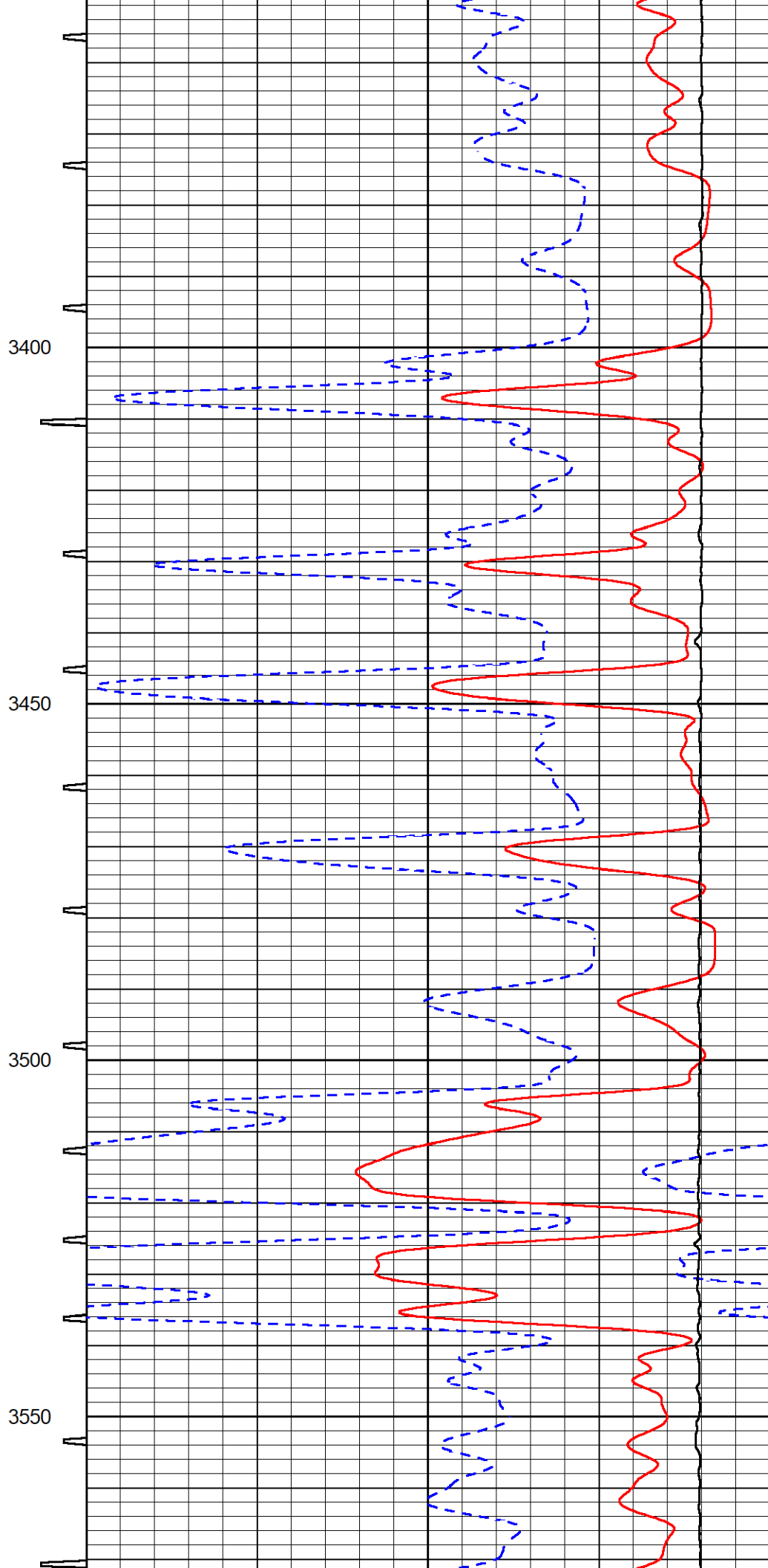
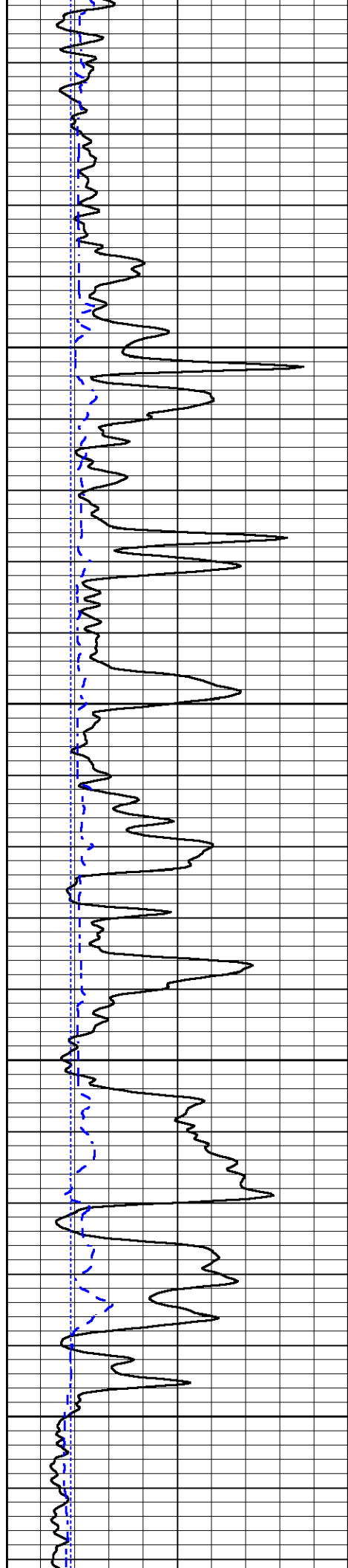


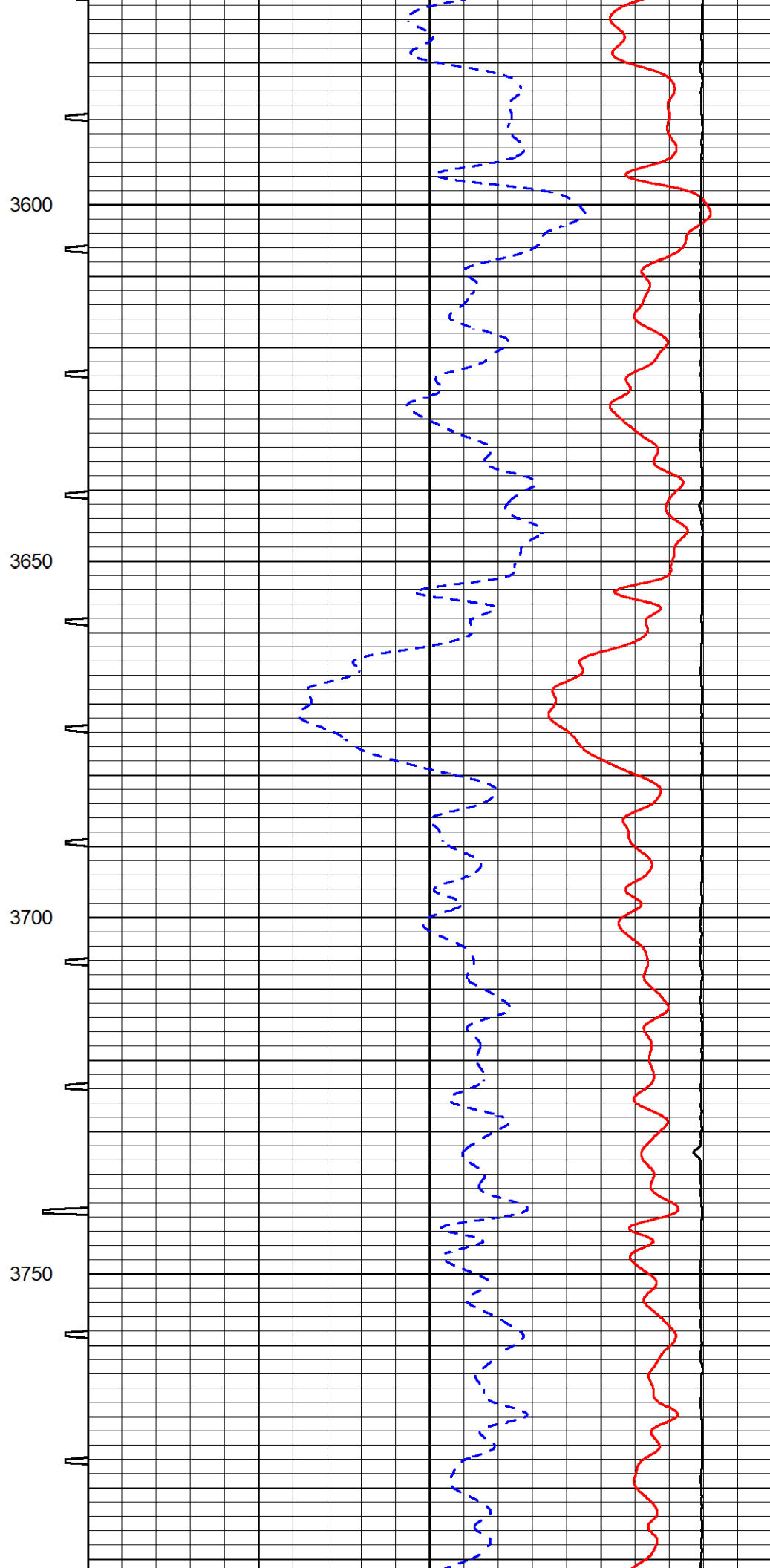
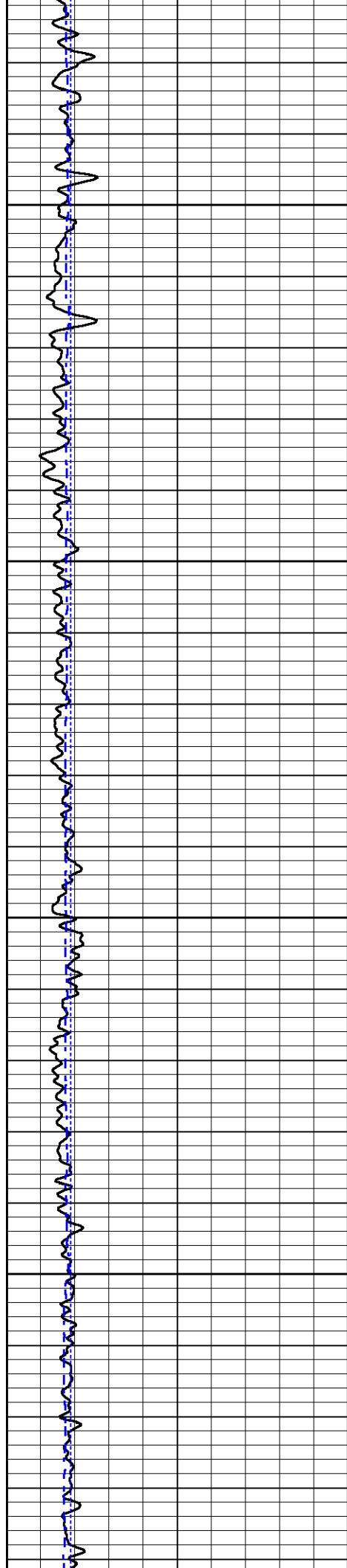


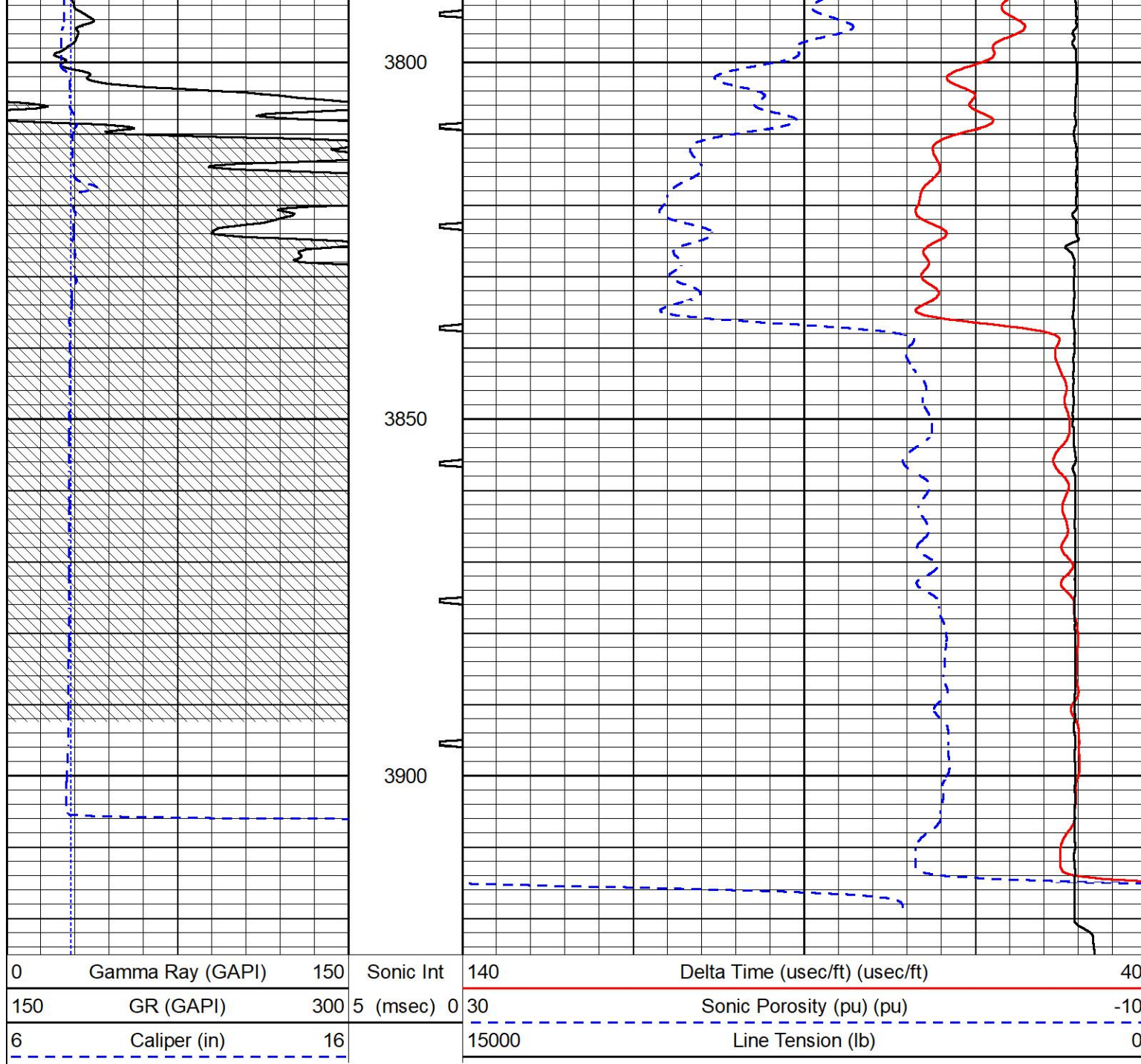












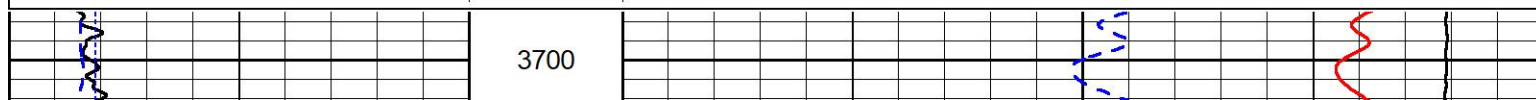
MIDWEST WIRELINE

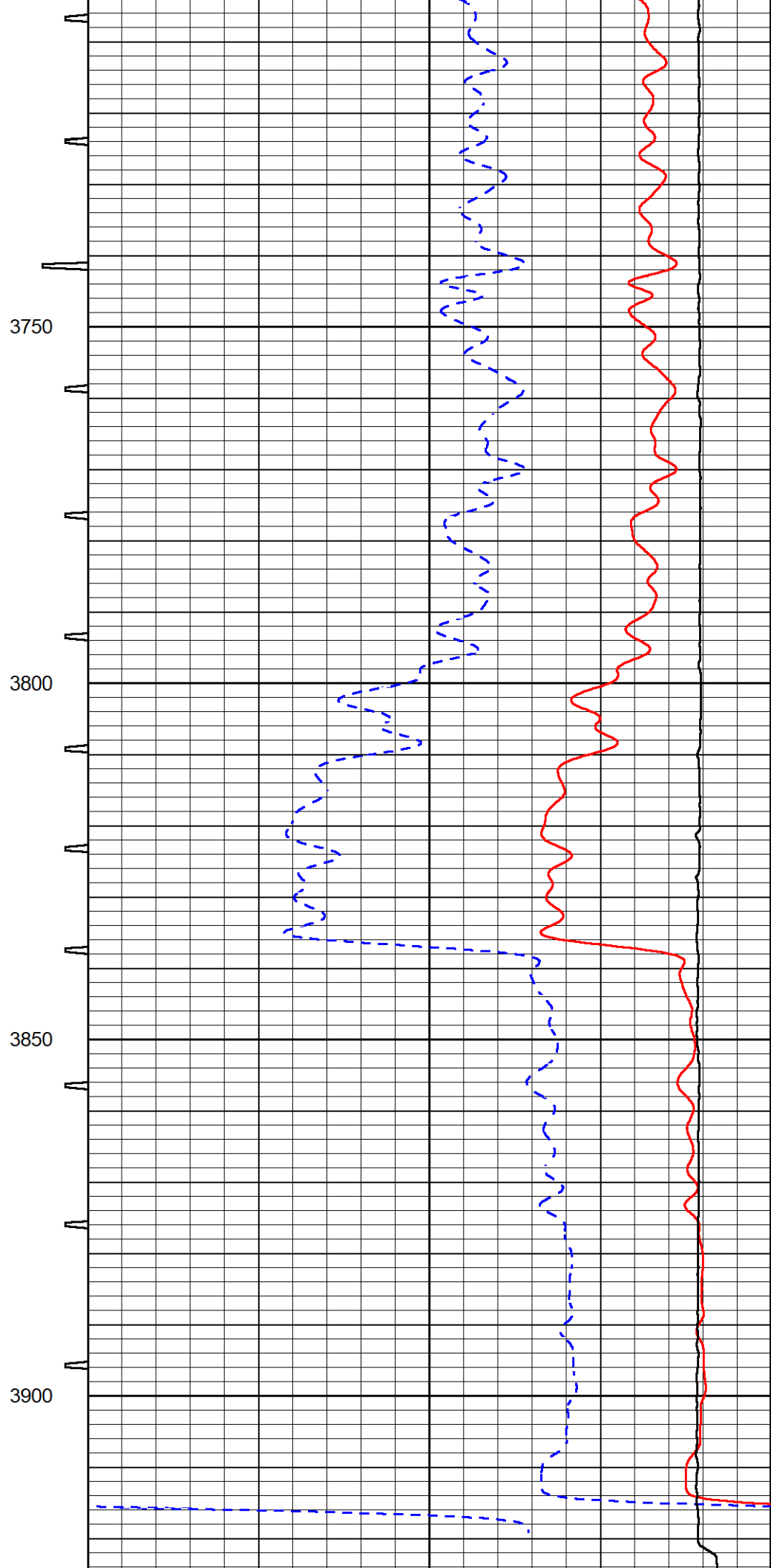
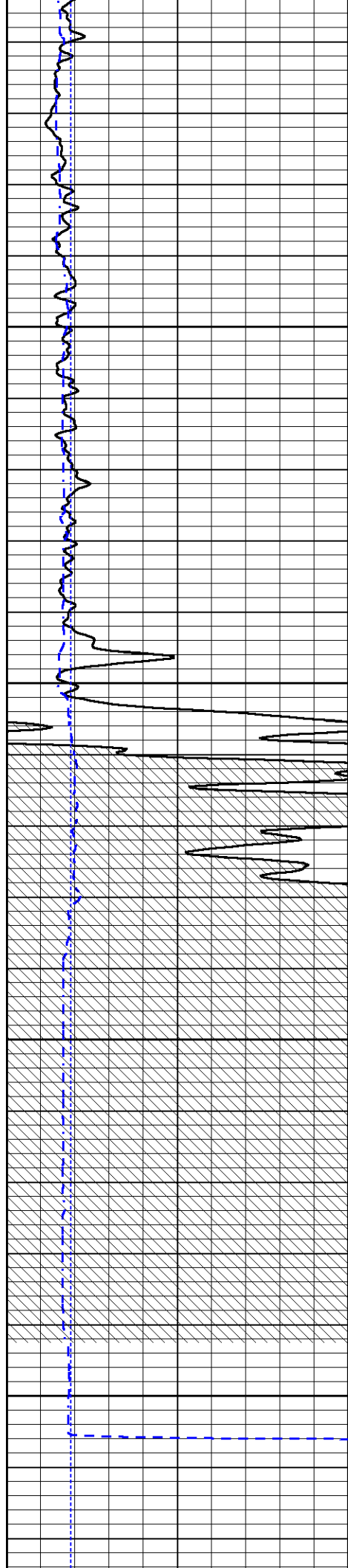
REPEAT SECTION

REPEAT PASS

Database File: castle_herl #5.db
 Dataset Pathname: Stack/pass2.1
 Presentation Format: _sonic
 Dataset Creation: Tue May 19 12:36:39 2026
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	Sonic Int	140	Delta Time (usec/ft) (usec/ft)	40
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			Company	Castle Resources, Inc
			Well	Herl #5
			Field	Wheatland SW
			County	Ellis
			State	Kansas