



BOREHOLE COMPENSATED SONIC LOG

MIDWEST WIRELINE

Company Pioneer Oil Company, Inc.
Well Schamberger Sheep Head Unit #1-7
Field
County Sheridan
State Kansas

Company Pioneer Oil Company, Inc.
Well Schamberger Sheep Head Unit #1-7
Field
County Sheridan State Kansas

Location: API #: 15-179-21478-00-00
NE SE SE NE
2207 FNL & 109 FEL
SEC 7 TWP 9S RGE 28W
Permanent Datum Ground Level Elevation 2800
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing
Other Services
CNL/CDL
DIL/MEL
Elevation
K.B. 2808
D.F.
G.L. 2800

Date 4/9/2022

Run Number Two
Type Log BHCS
Depth Driller 4245
Depth Logger 4249
Bottom Logged Interval 4228
Top Logged Interval 250
Type Fluid In Hole Chemical
Salinity, PPM CL 3400
Density 9.5
Level Full
Max. Rec. Temp. F 118
Operating Rig Time 4.5 Hours
Equipment -- Location P-24 Hays
Recorded By T. Martin
Witnessed By Jim Musgrove

Borehole Record

Casing Record

Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25	00	271	8.625	23	00	271
Two	7.875	271	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.

Hoxie, KS, 3.5 S to Rd 45 S,
2 W to Rd 20 W, 1 S, W 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: T. Martin
Operator:
Operator:
Operator:

This Log Record Was Witnessed By

Primary Witness: Jim Musgrove
Secondary Witness:
Secondary Witness:
Secondary Witness:

Log Variables

DatabaseC:\ProgramData\Warrior\Data\pioneer_schamberger sheep head unit #1-7.db
Dataset field/well/Stack/pass3.1/_vars_

Top - Bottom

A	BOREID	BOTTEMP	CASEOD	CASETHCK	FLUIDDEN	M	MATRXDEN
1	in	degF	in	in	g/cc	2	g/cc
	7.875	118	5.5	0	1		2.71
NPORSEL	PERFS	SNDERR	SNDERRM	SPSHIFT	SRFTEMP	SZCOR	TDEPTH
Limestone	0	mmho/m	mmho/m	mV	degF	Off	ft
		0	0	-240	50		4249

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

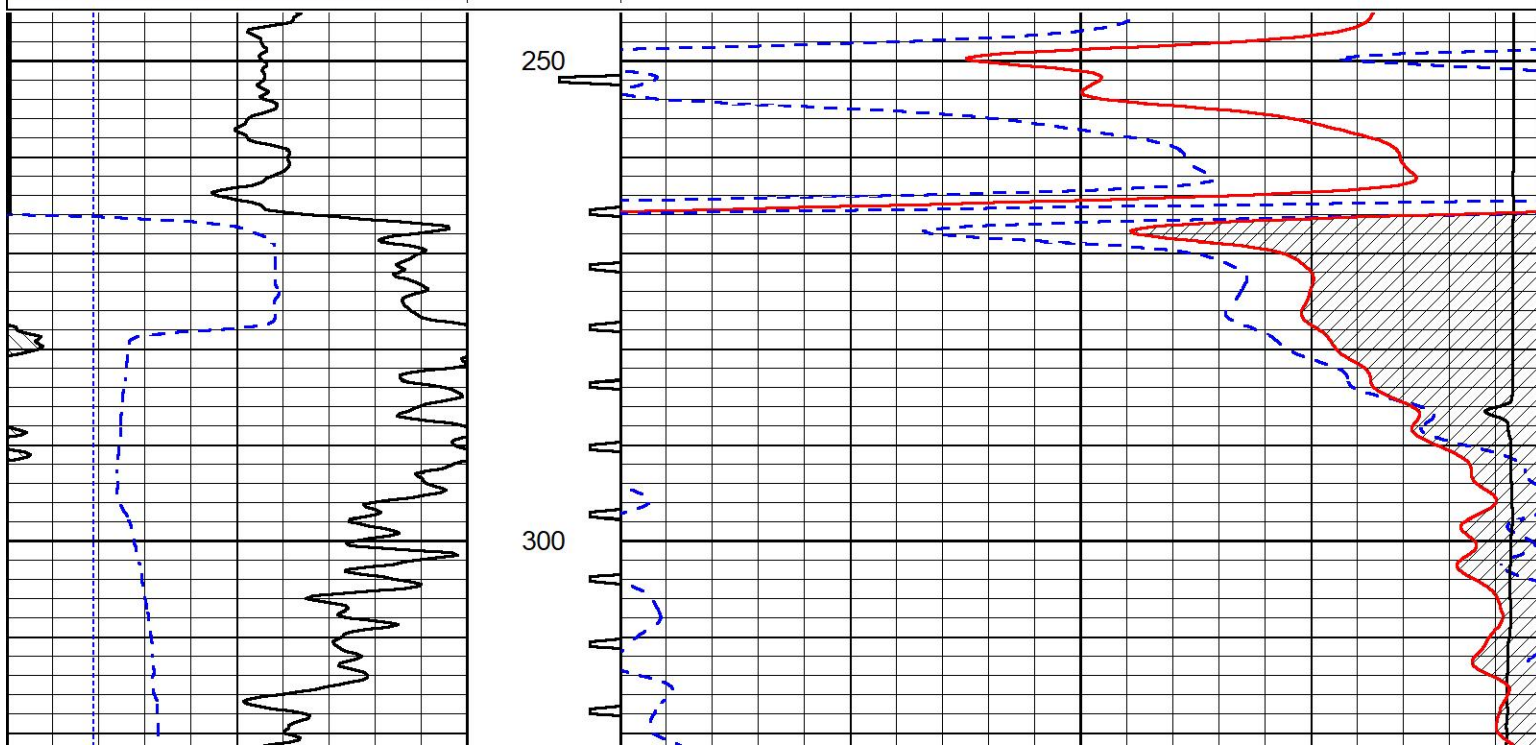


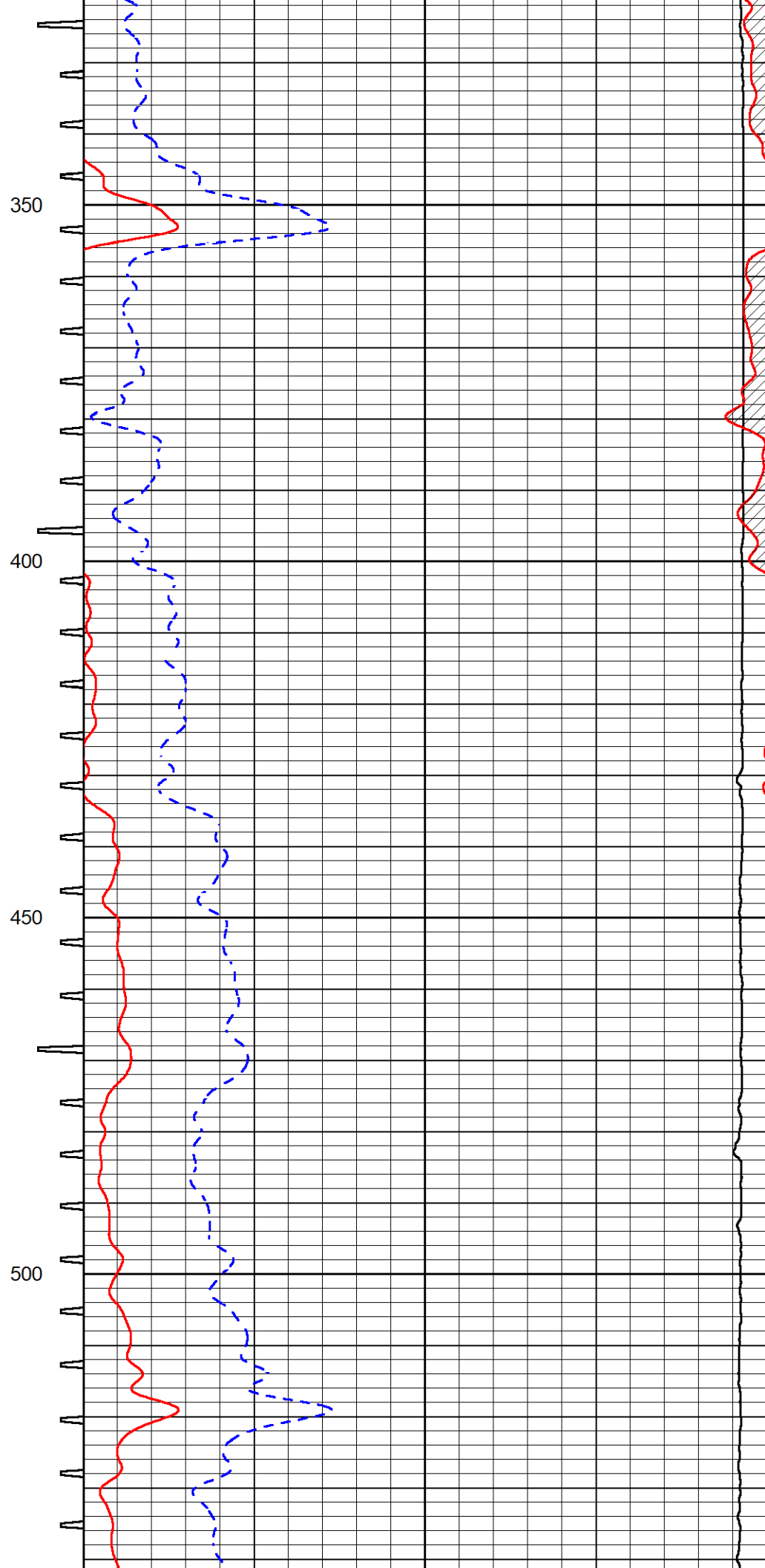
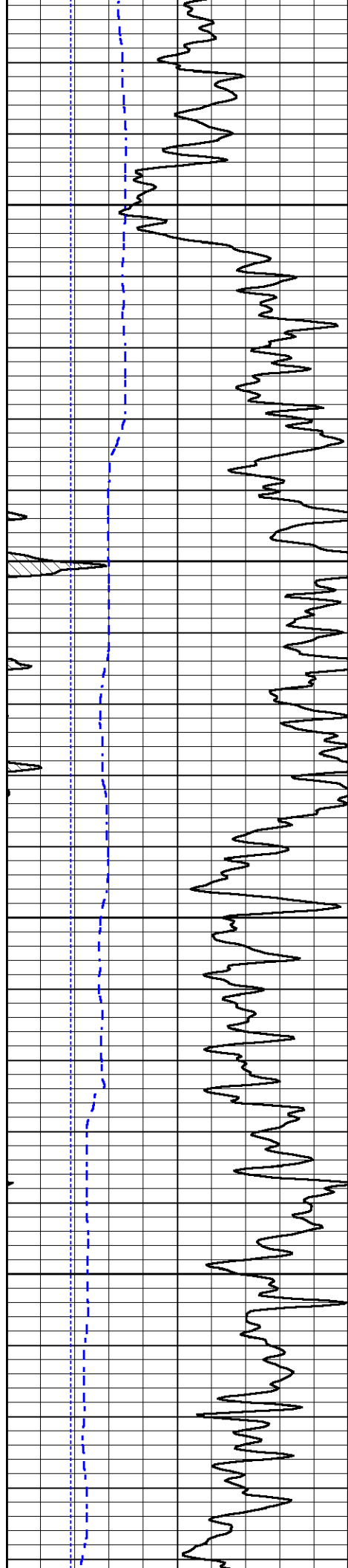
DETAIL SECTION

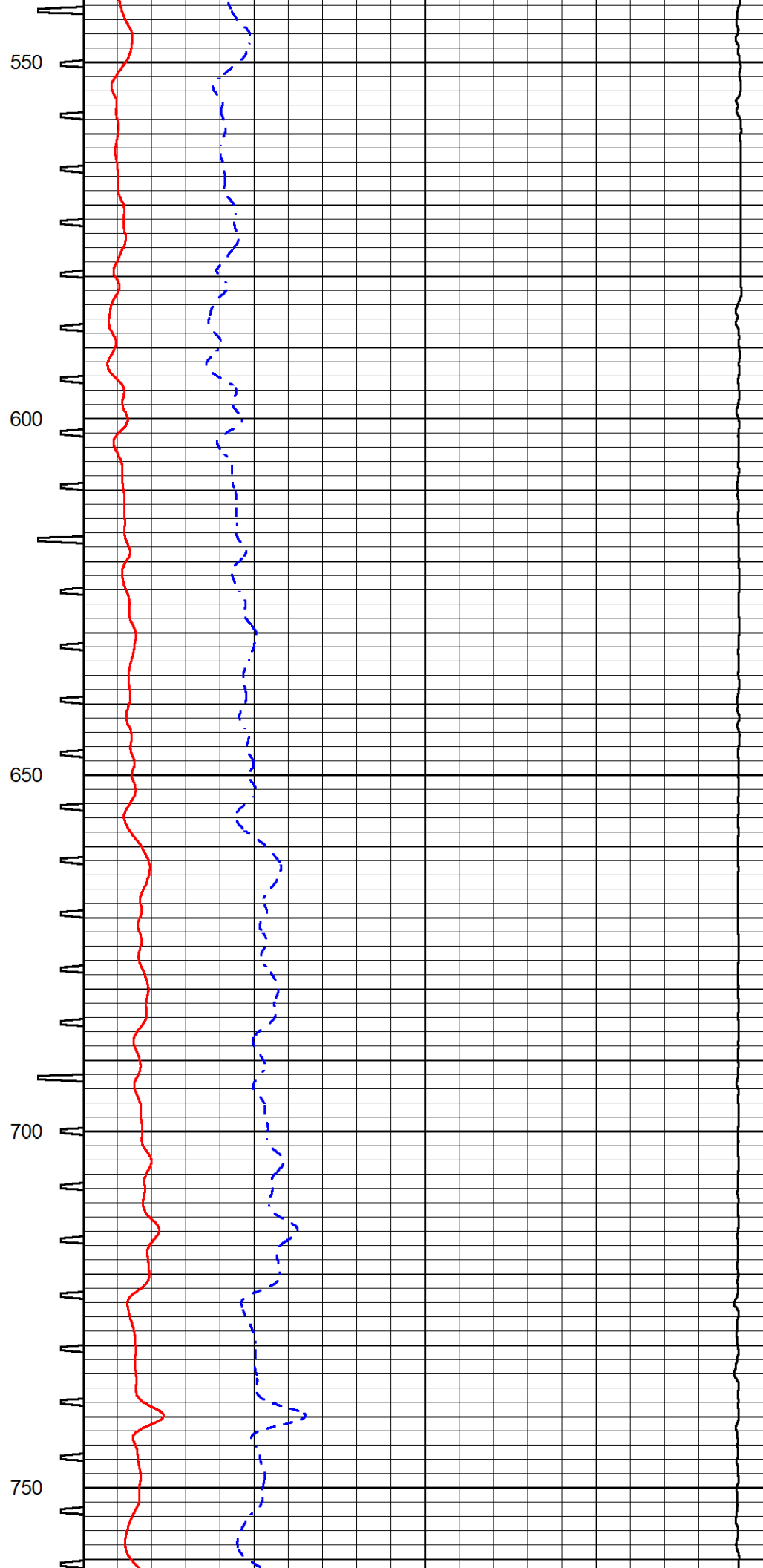
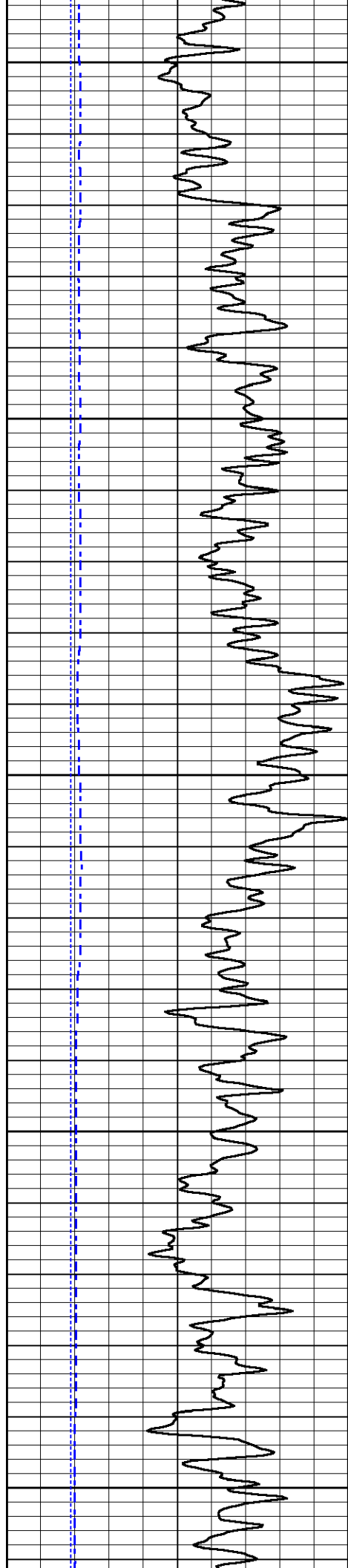
MAIN PASS

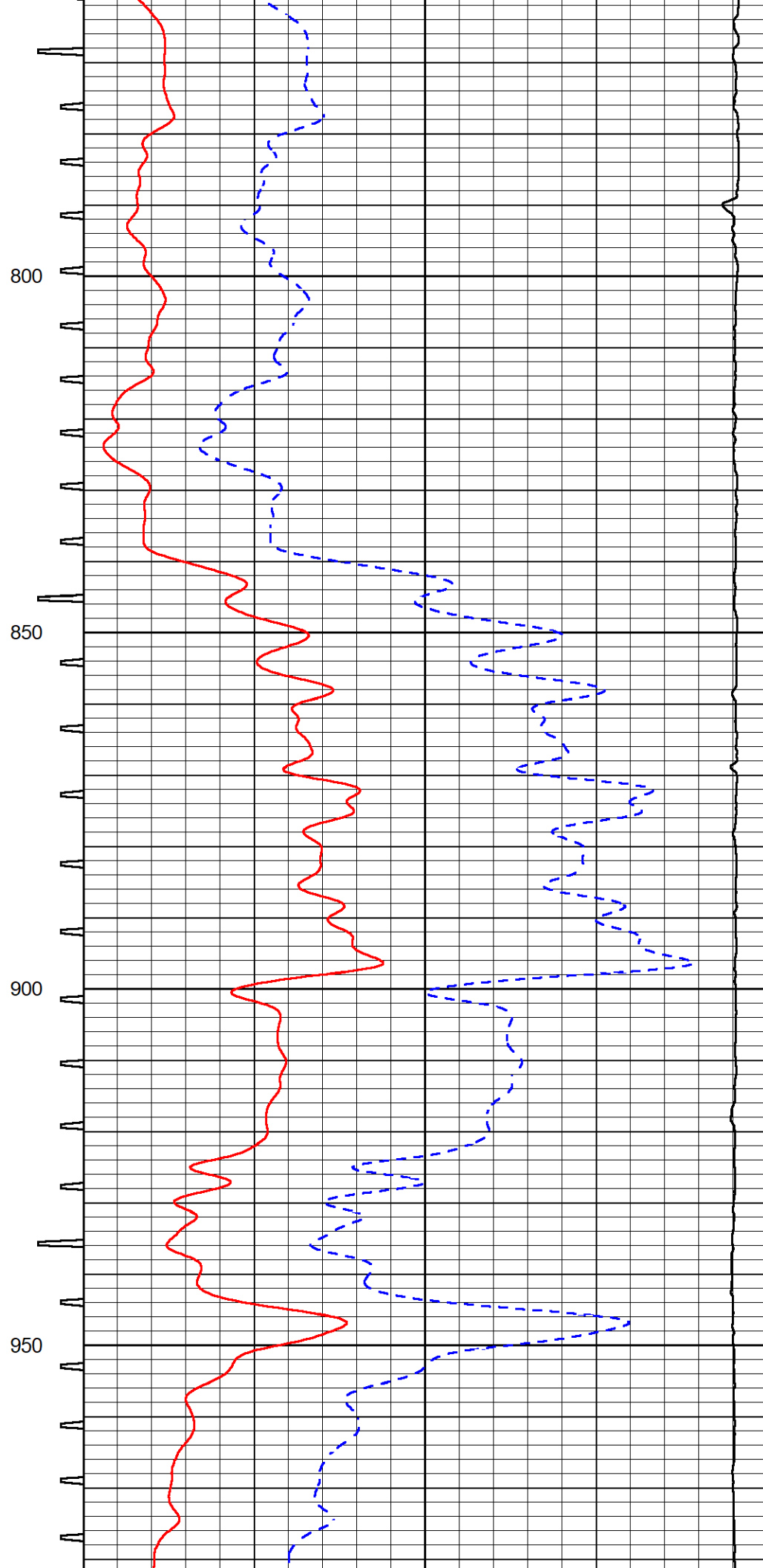
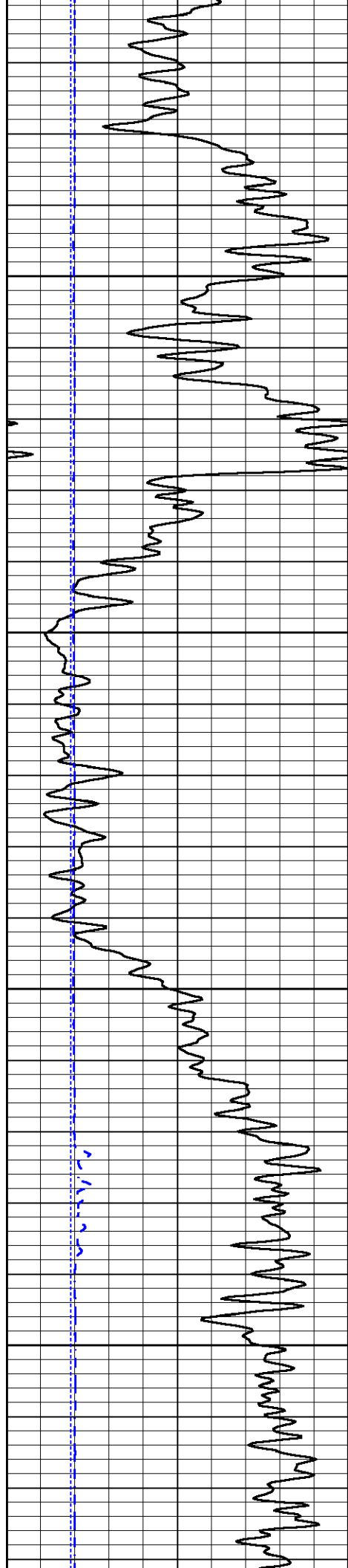
Database File pioneer_schamberger sheep head unit #1-7.db
Dataset Pathname Stack/pass3.1
Presentation Format _sonic
Dataset Creation Sat Apr 09 02:58:47 2022
Charted by Depth in Feet scaled 1:240

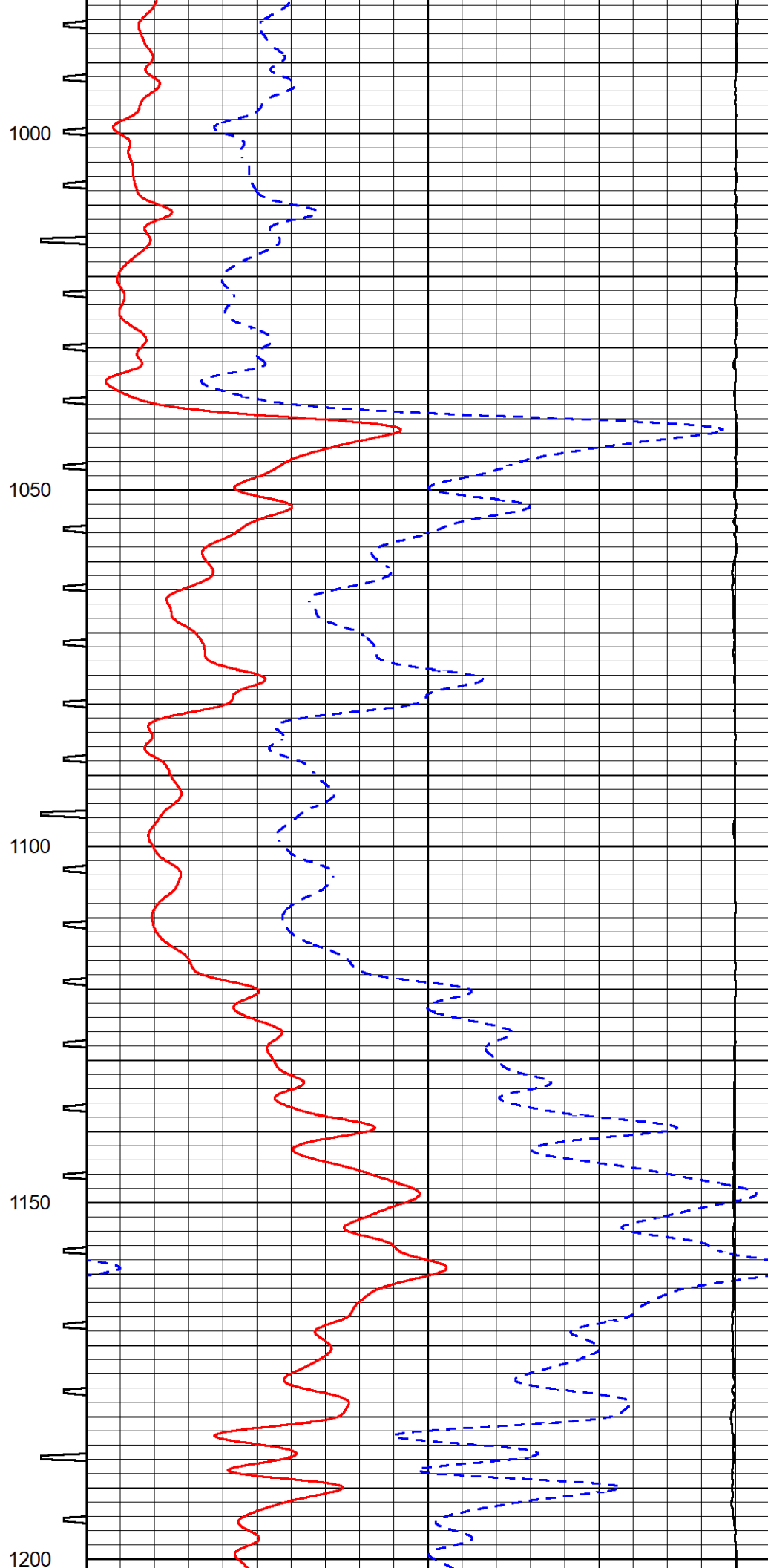
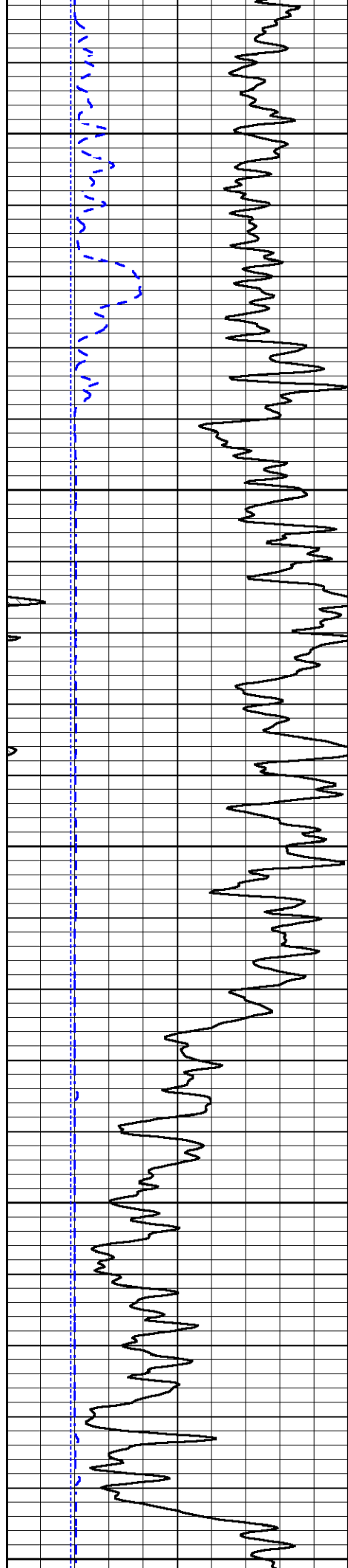
0	Gamma Ray (GAPI)	150	Sonic Int	140	Delta Time (usec/ft) (usec/ft)	40
150	GR (GAPI)	300	5 (msec) 0	30	Sonic Porosity (pu) (pu)	-10
6	Caliper (in)	16		15000	Line Tension (lb)	0

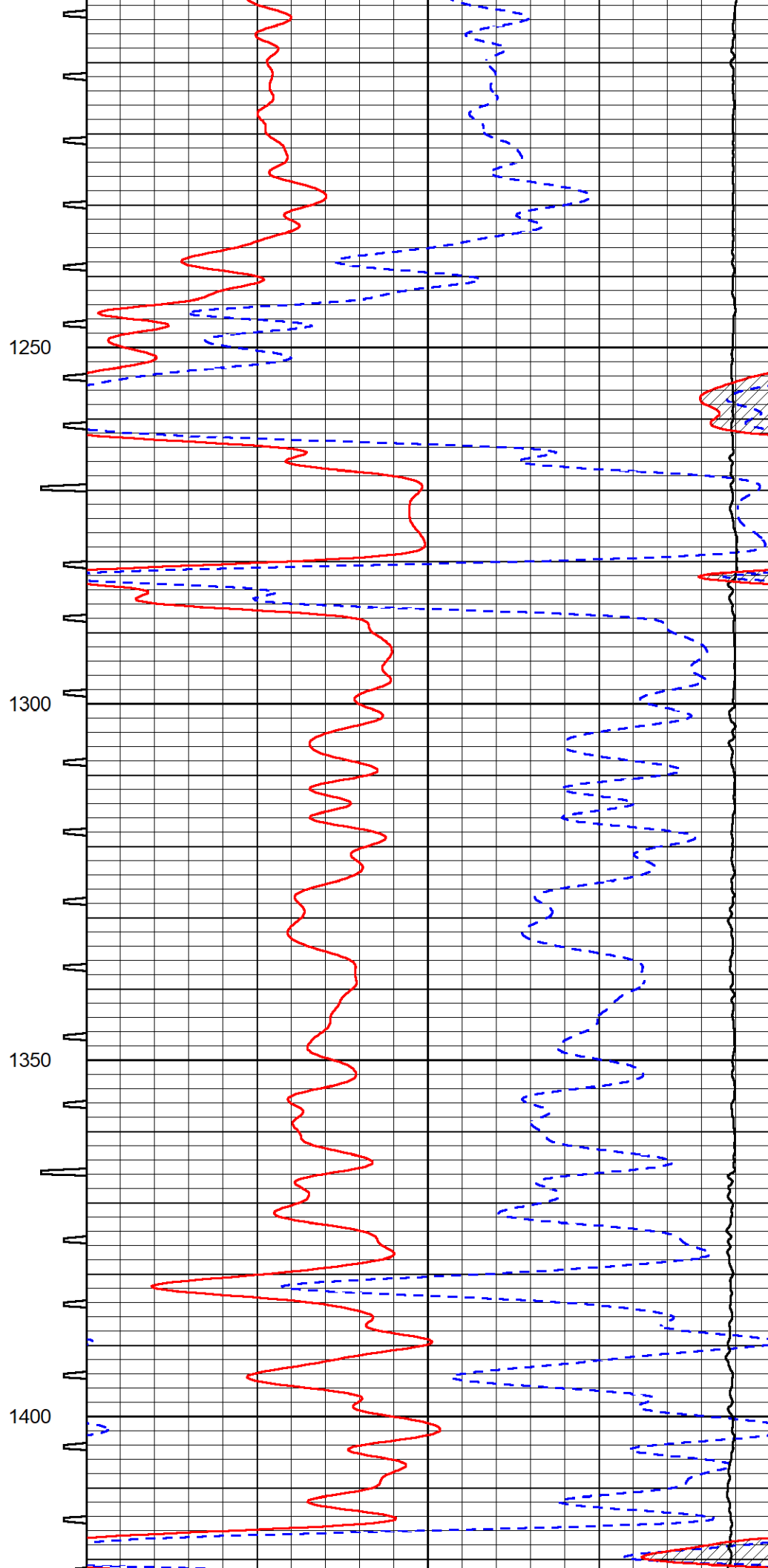
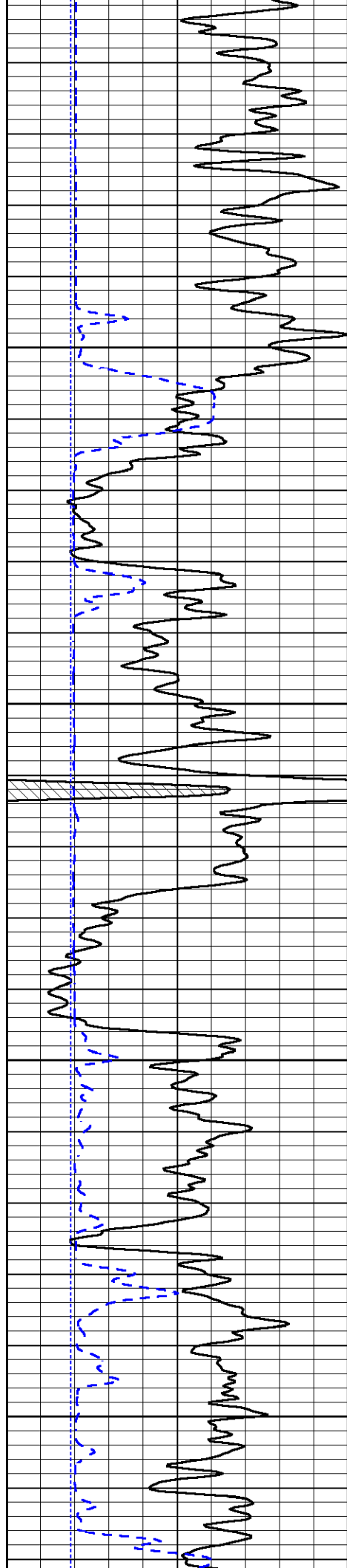


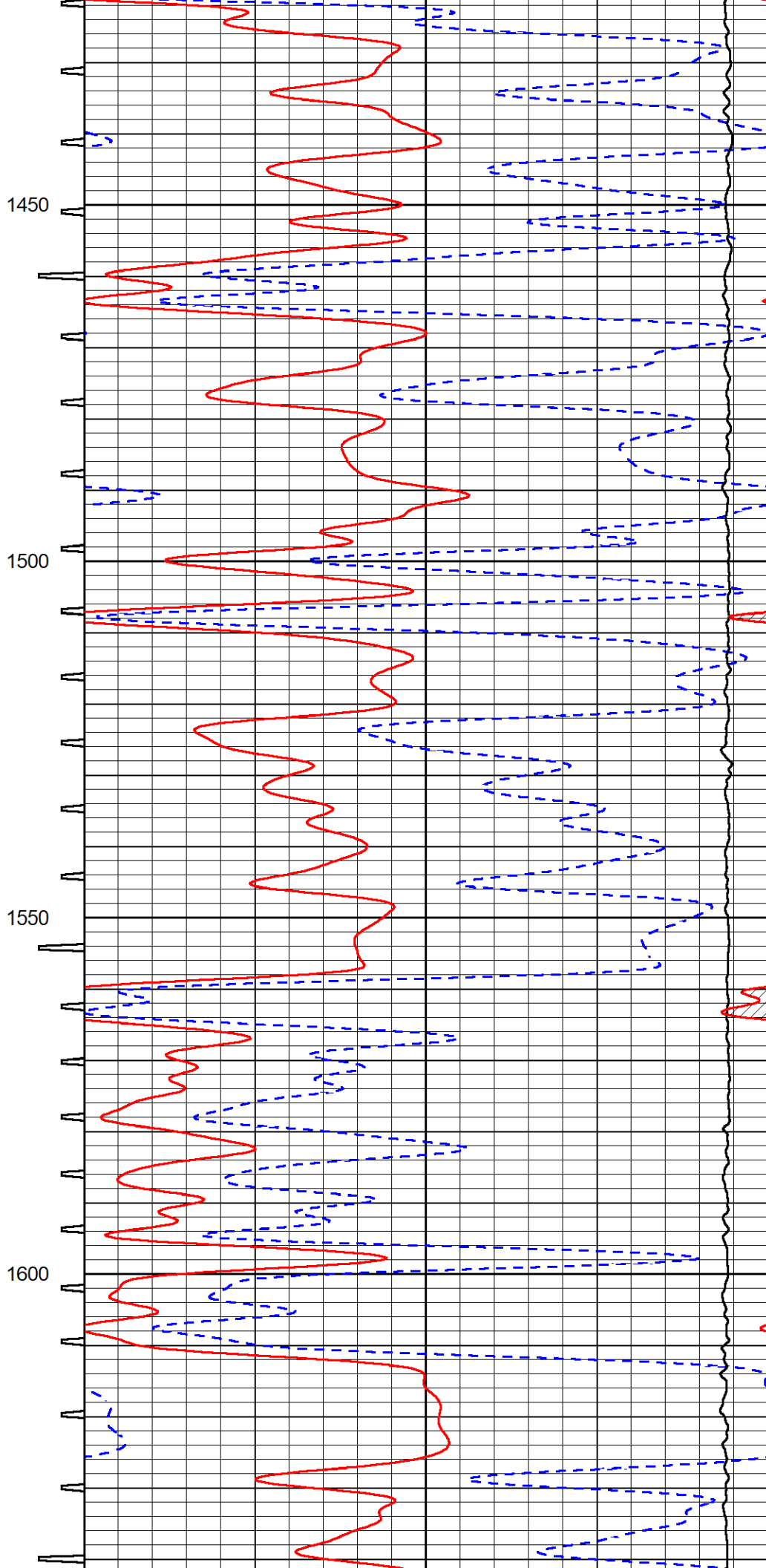
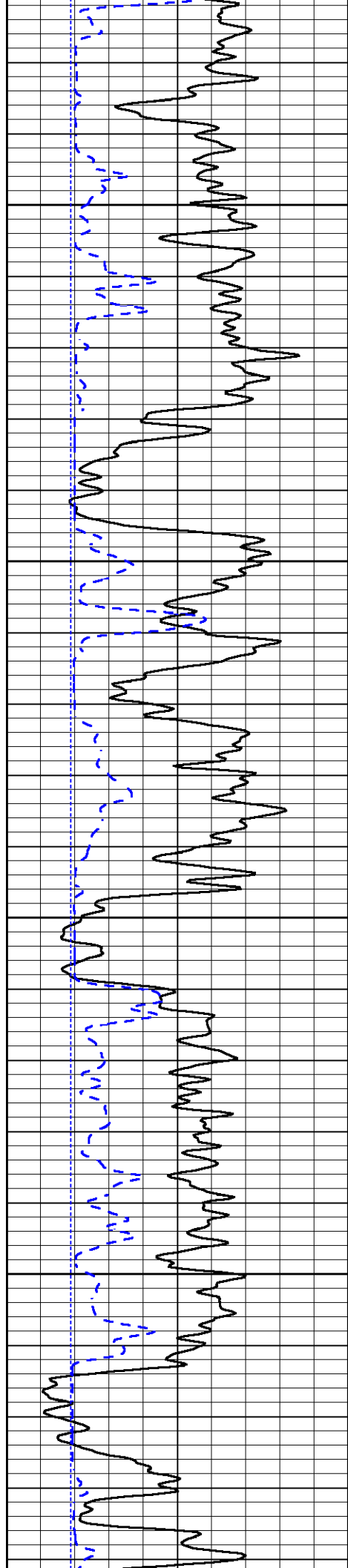


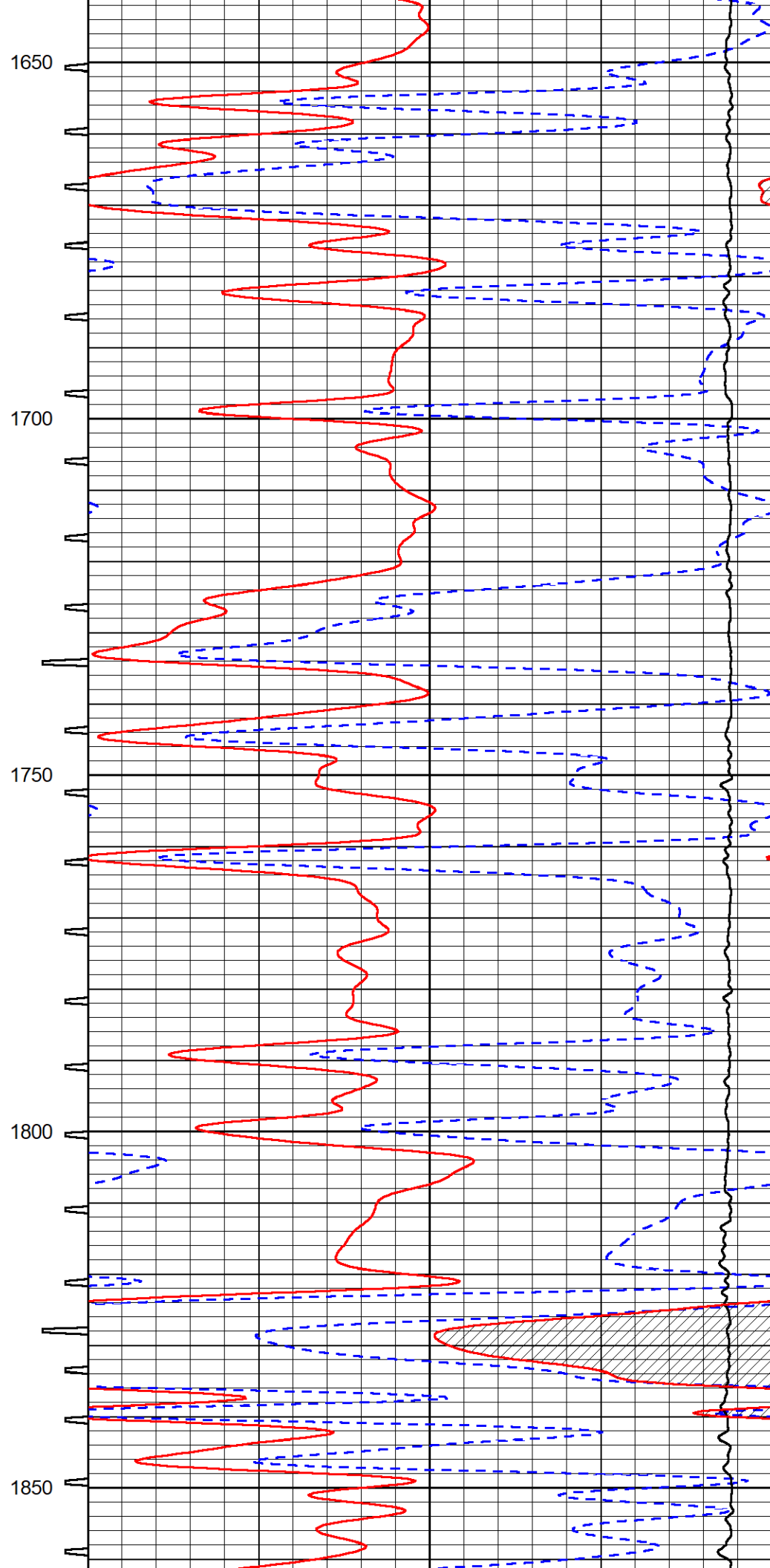
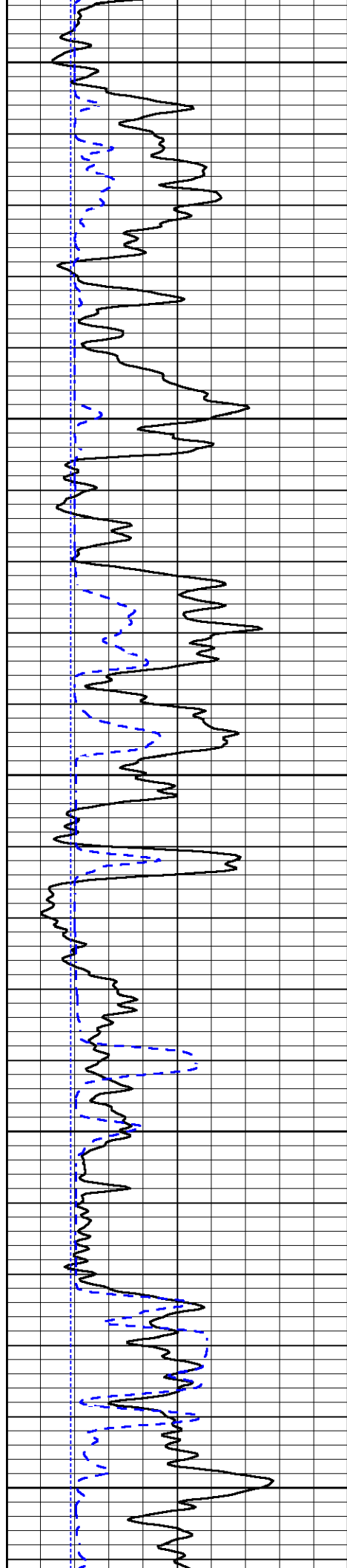


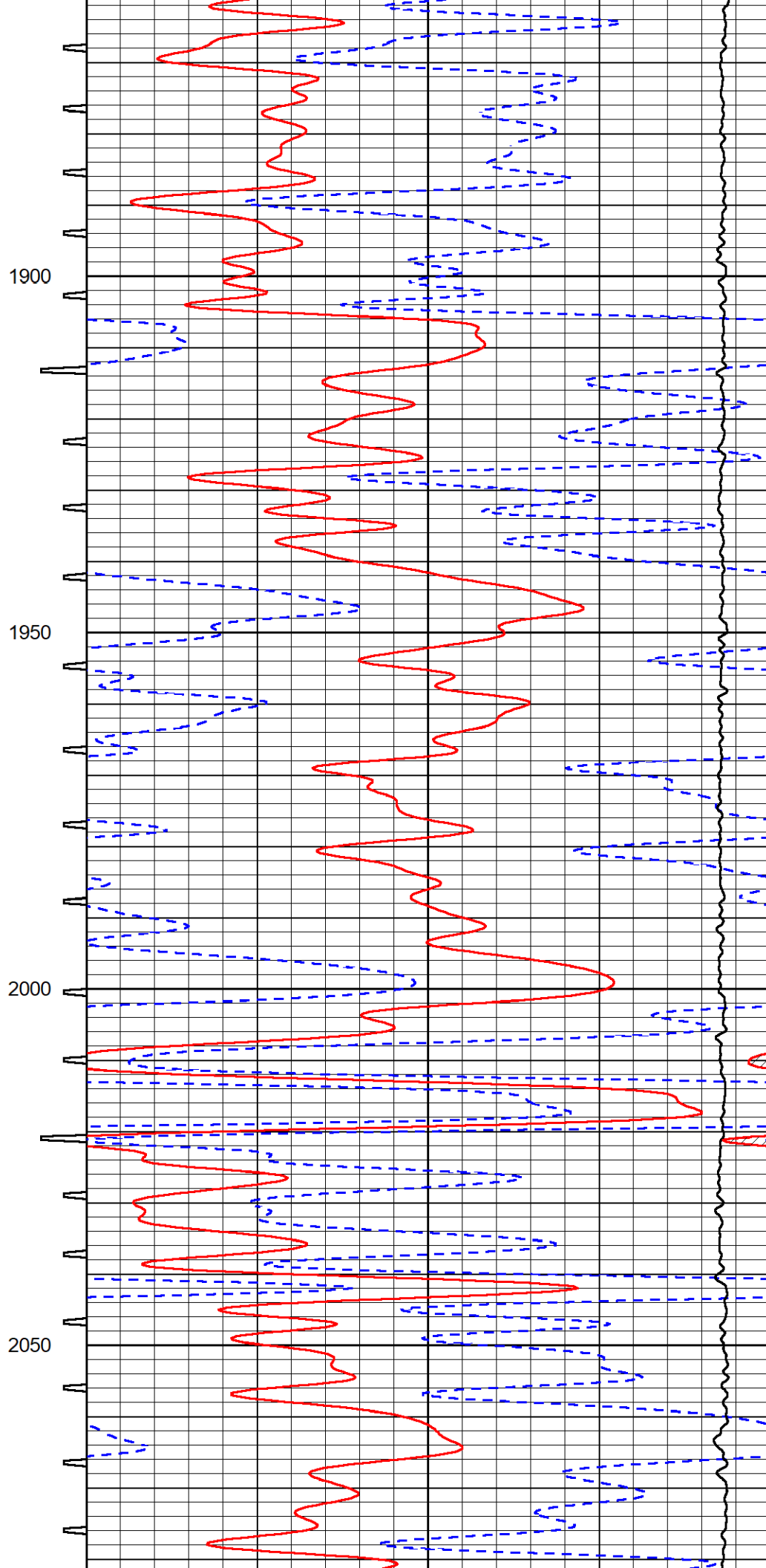
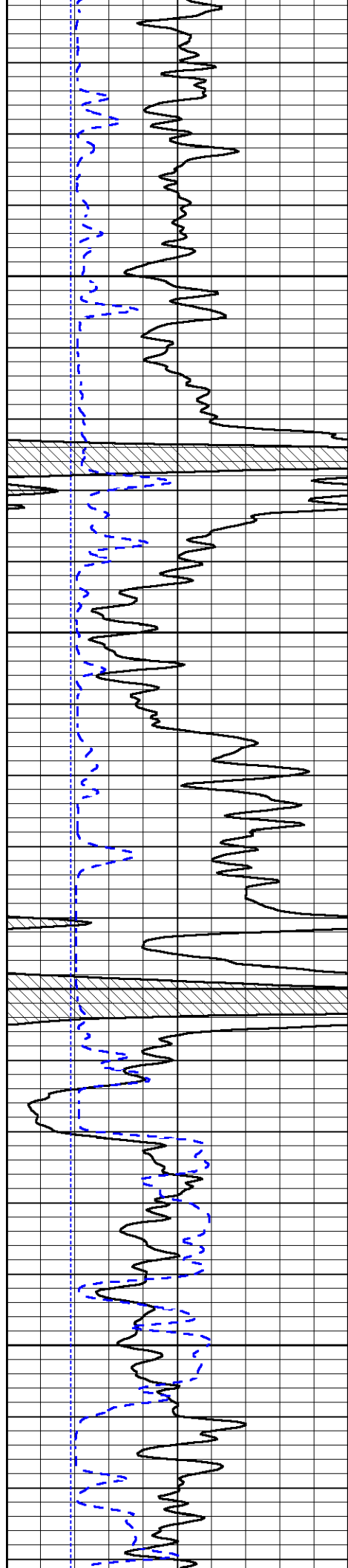


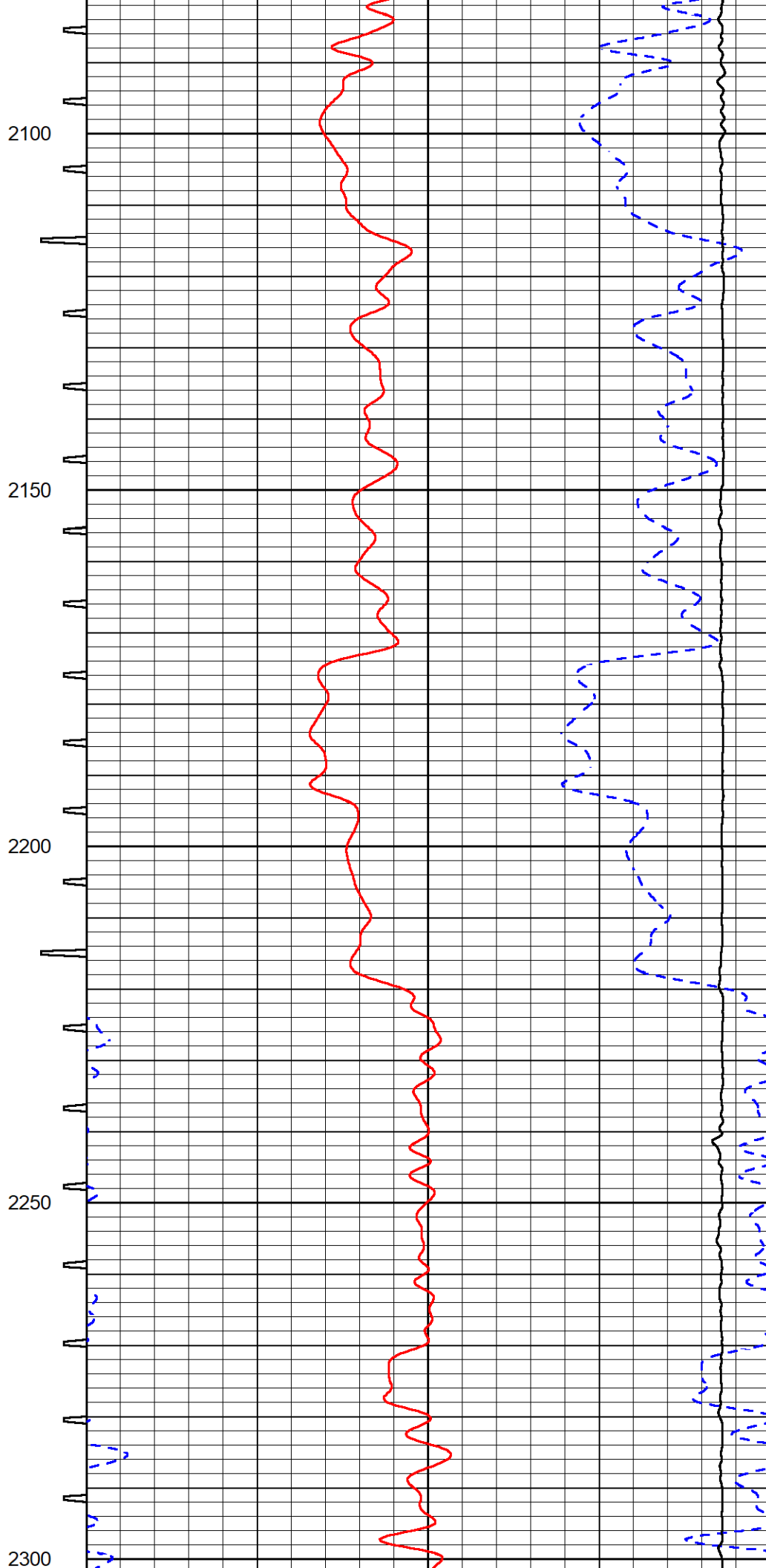
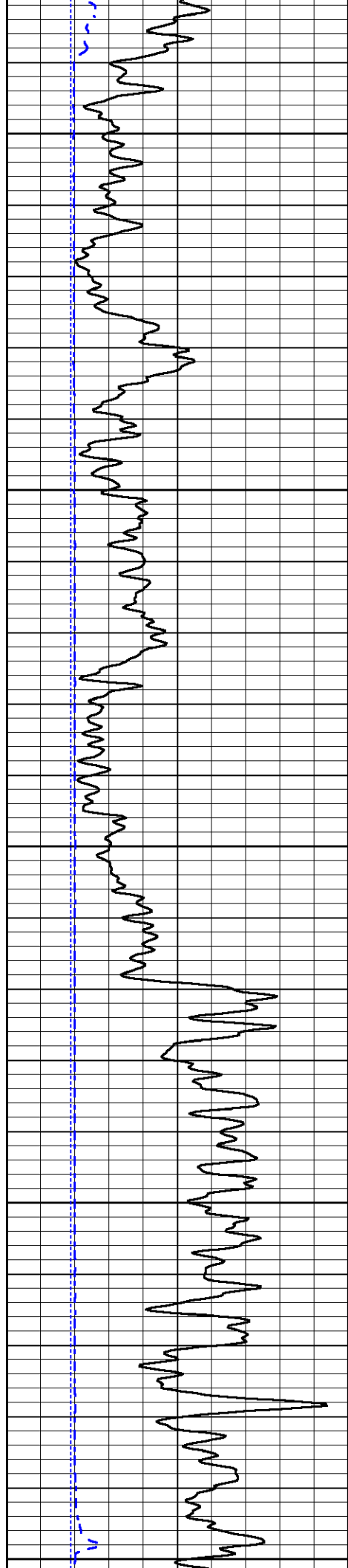


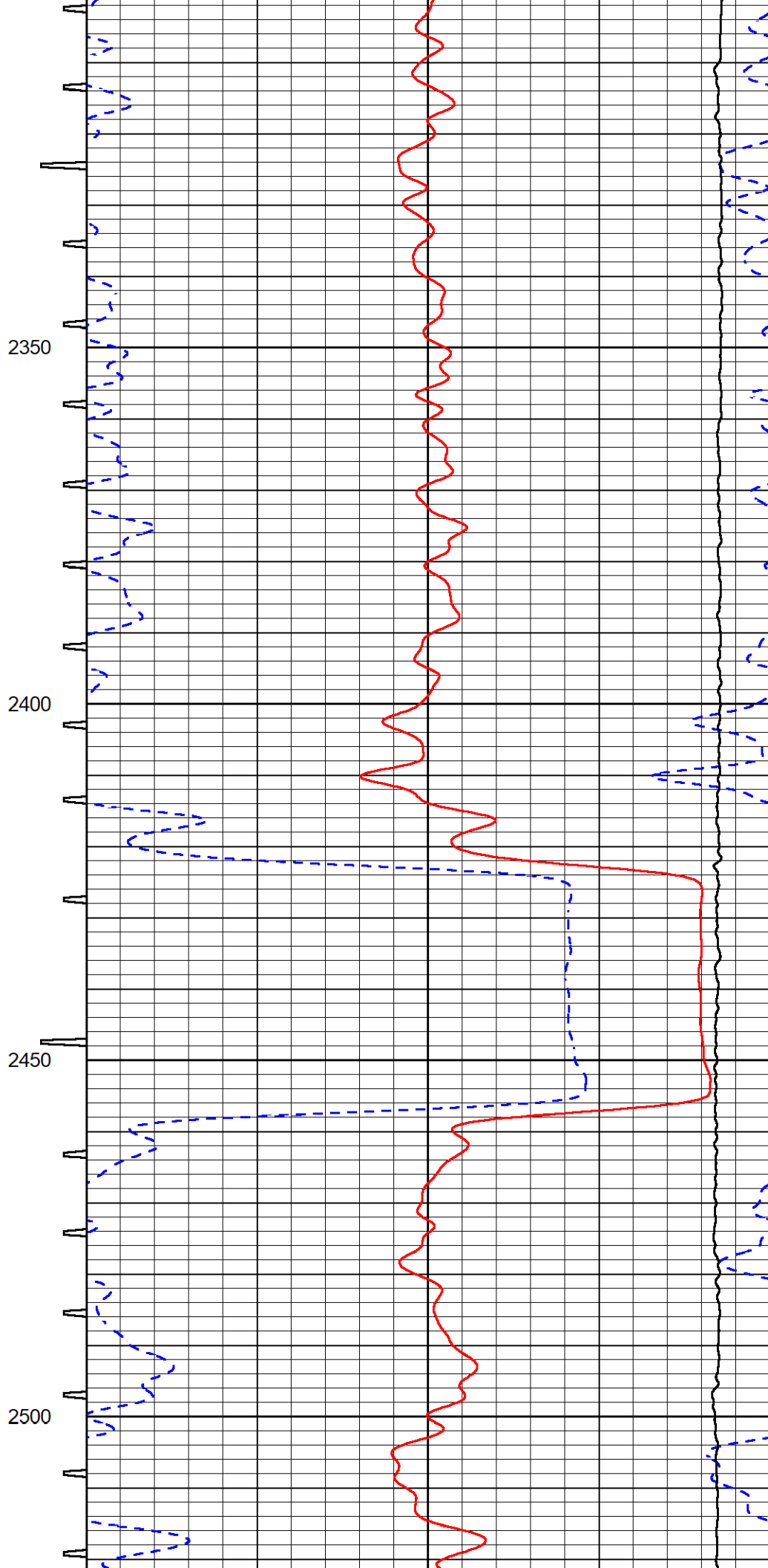
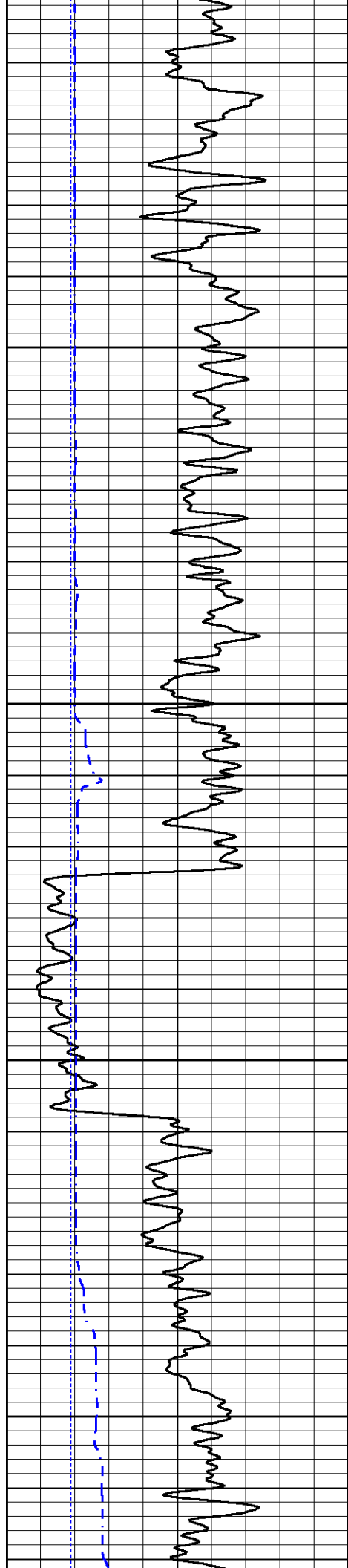


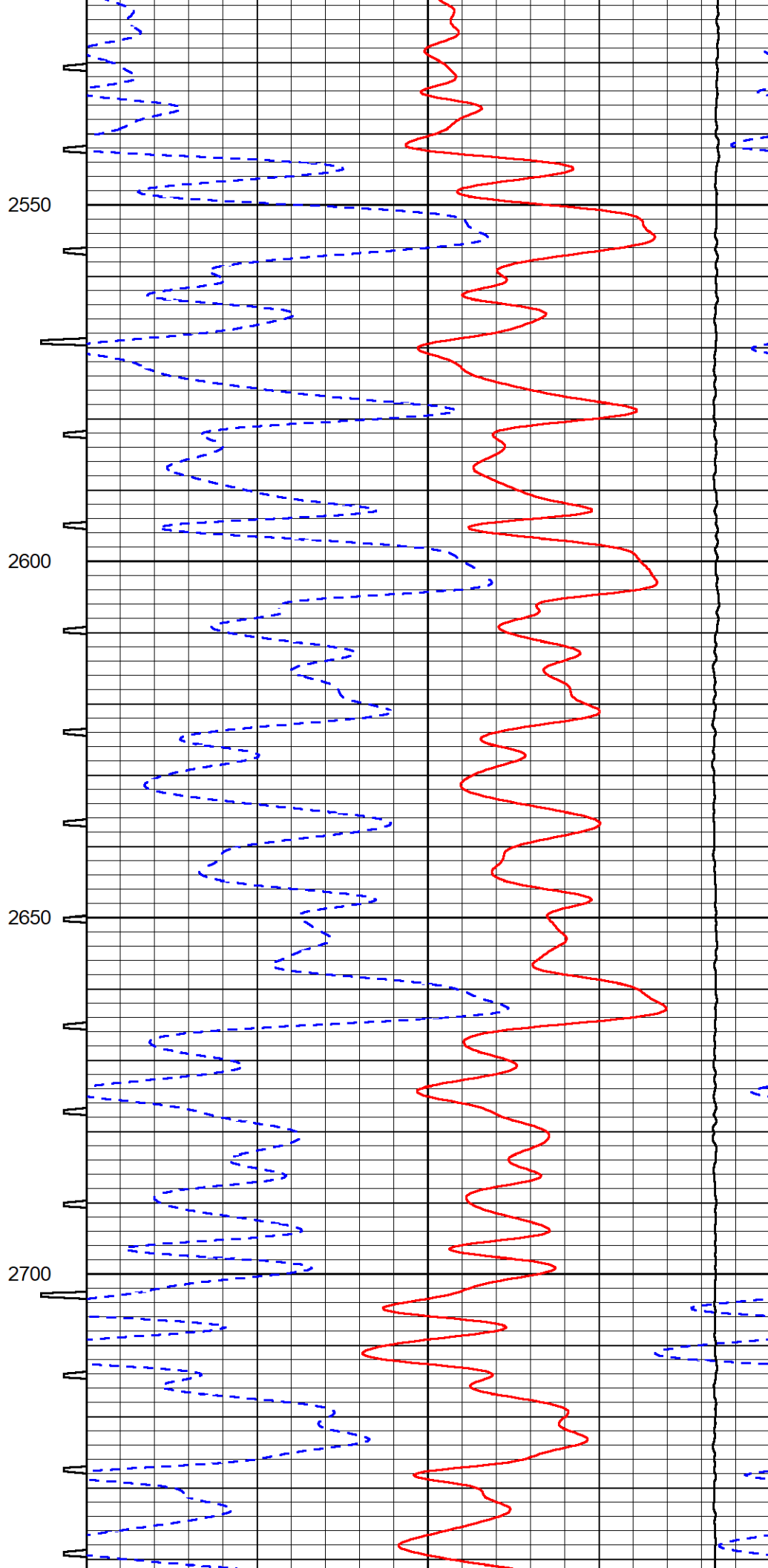
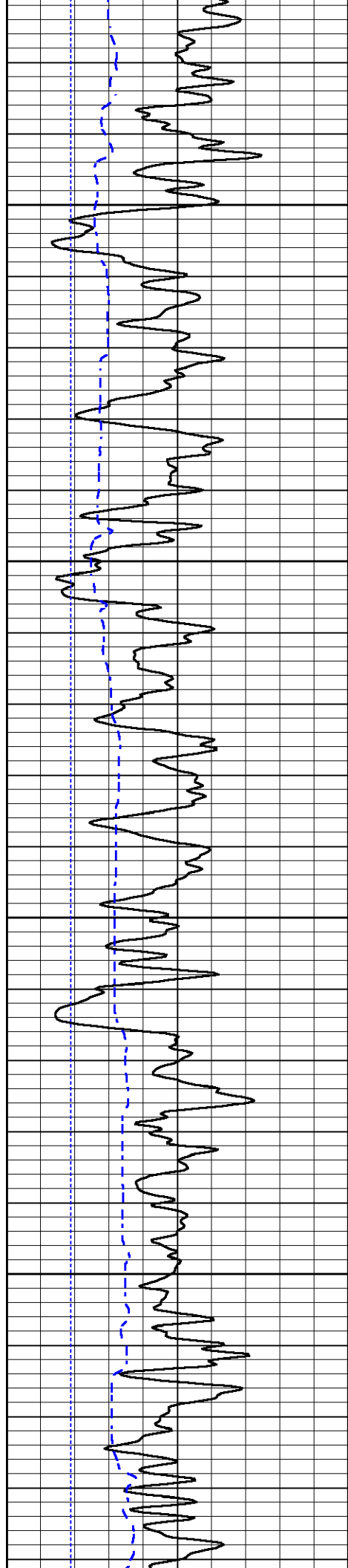


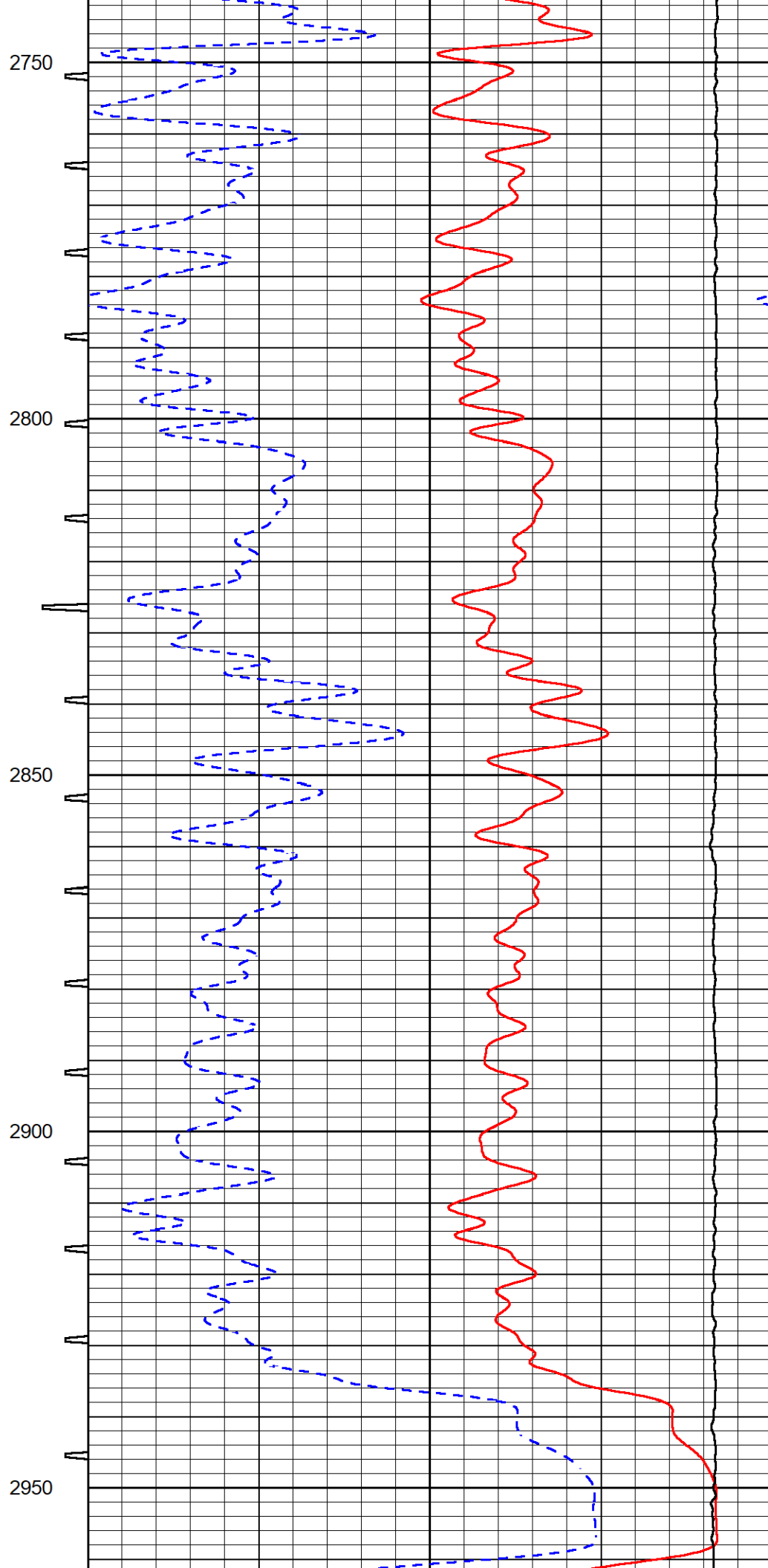
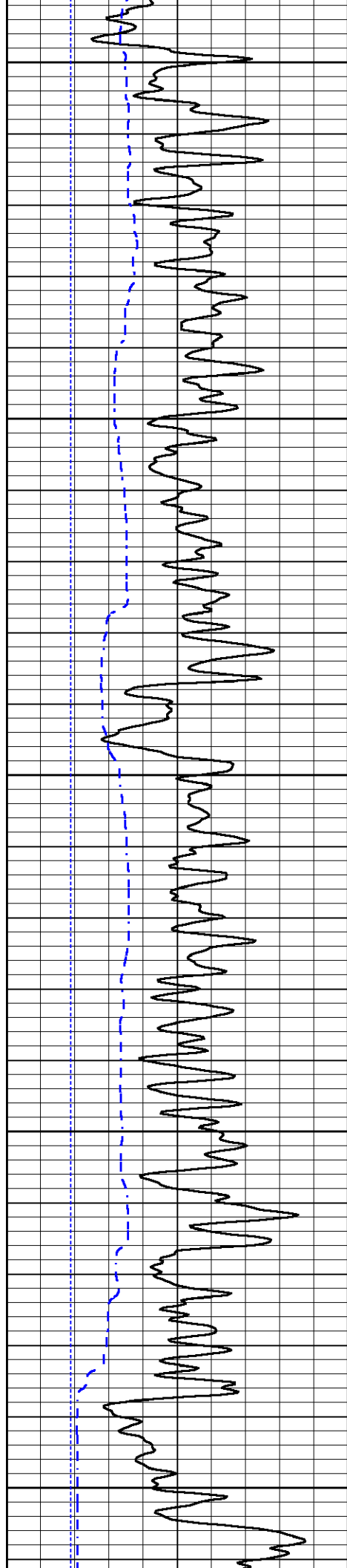


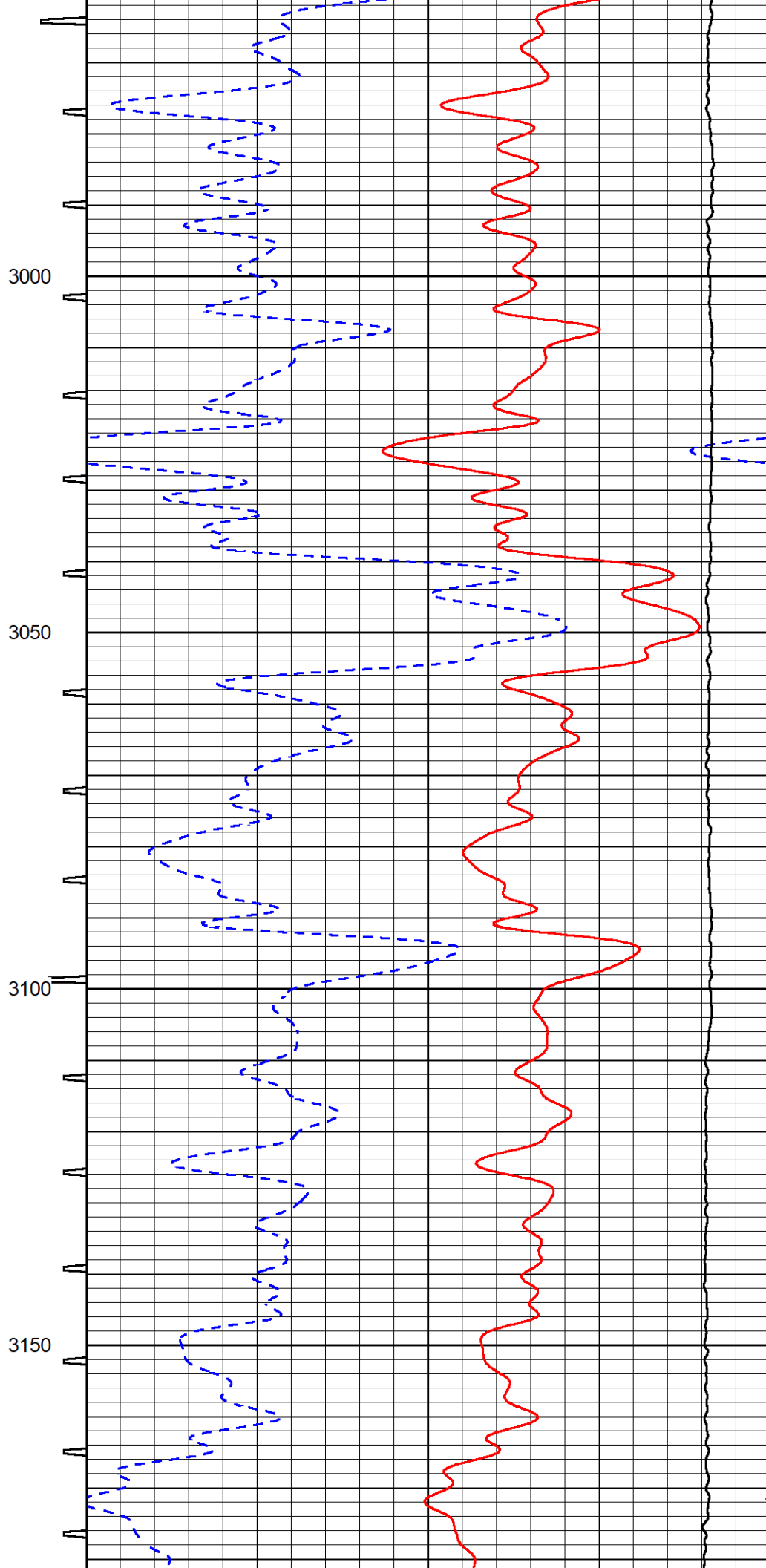
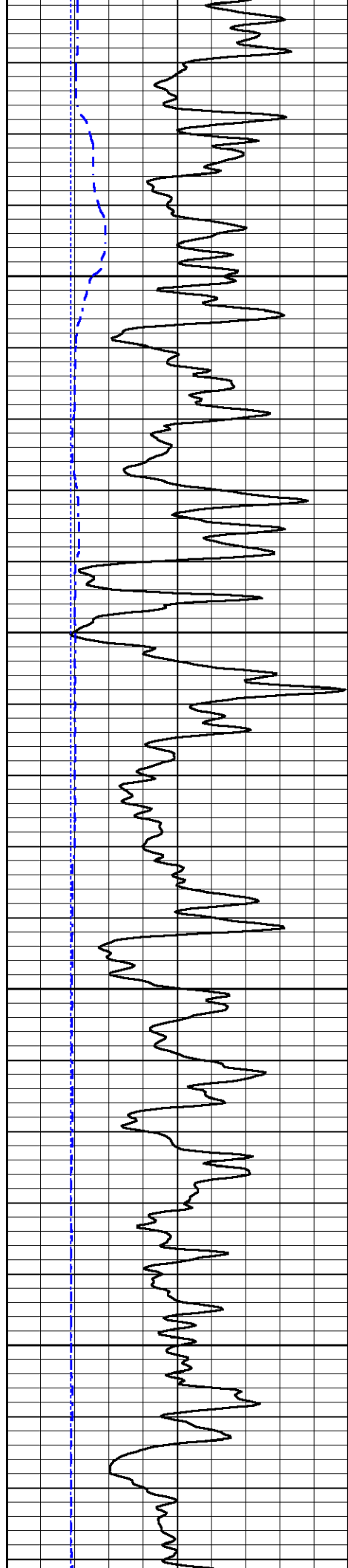


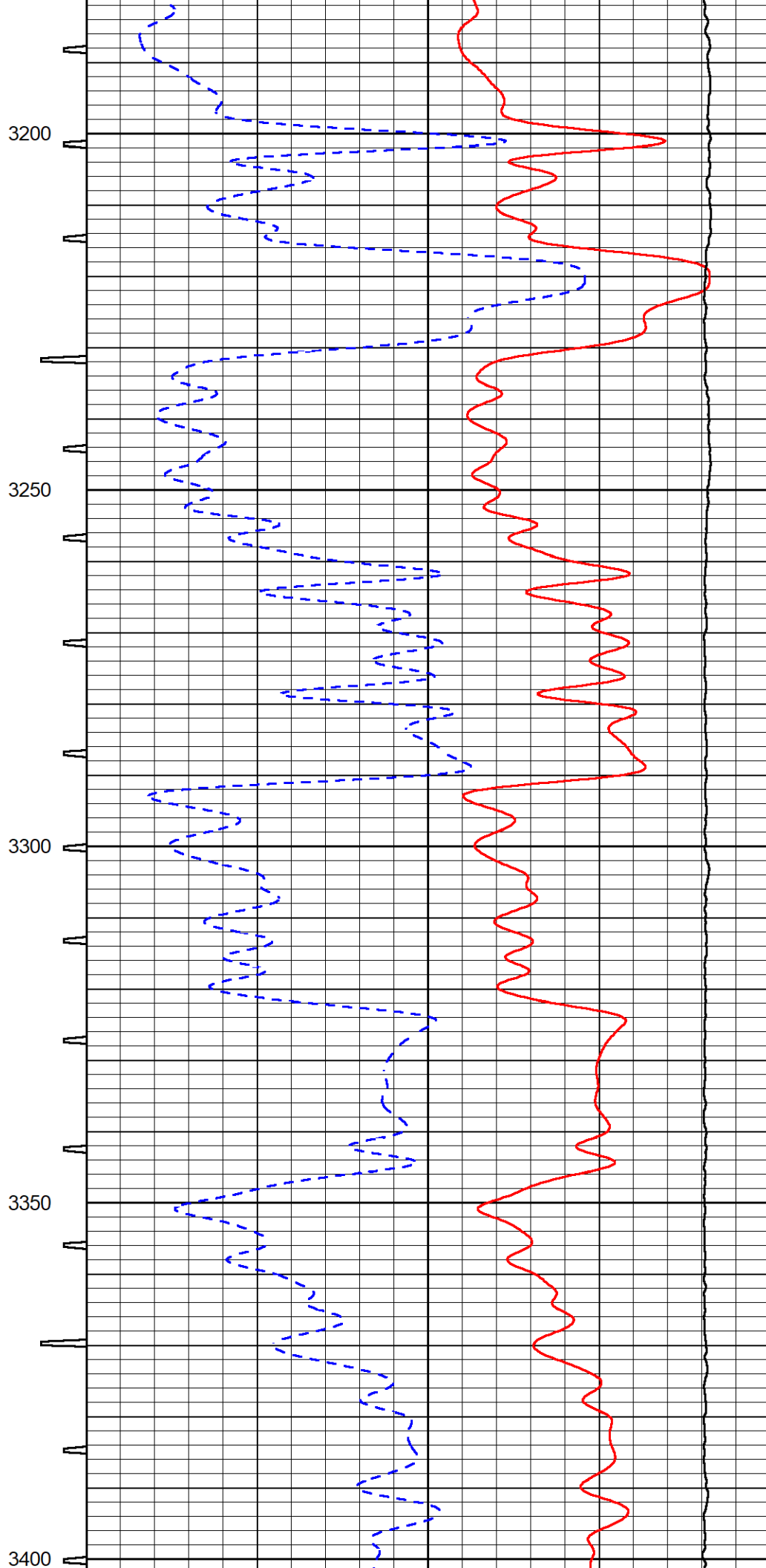
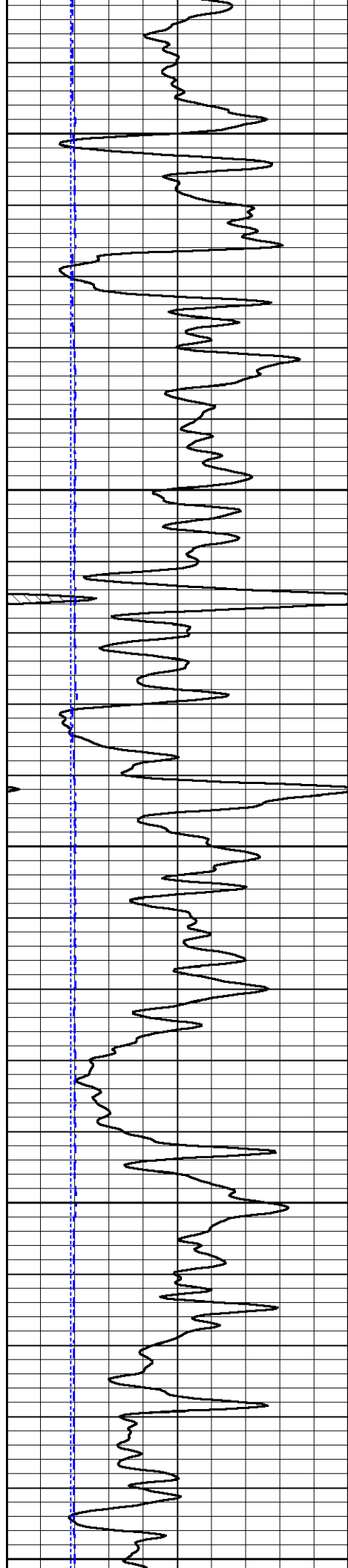


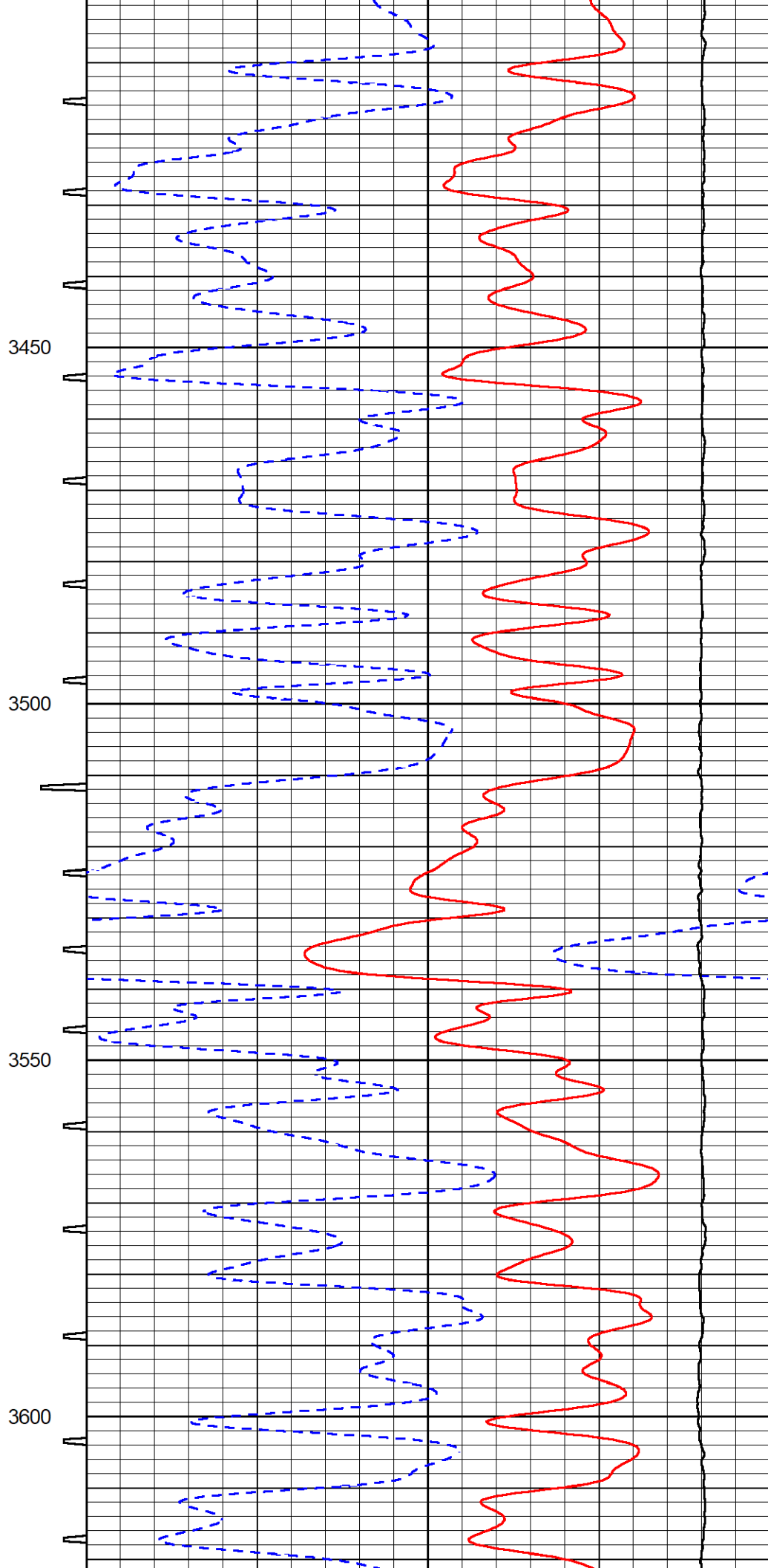
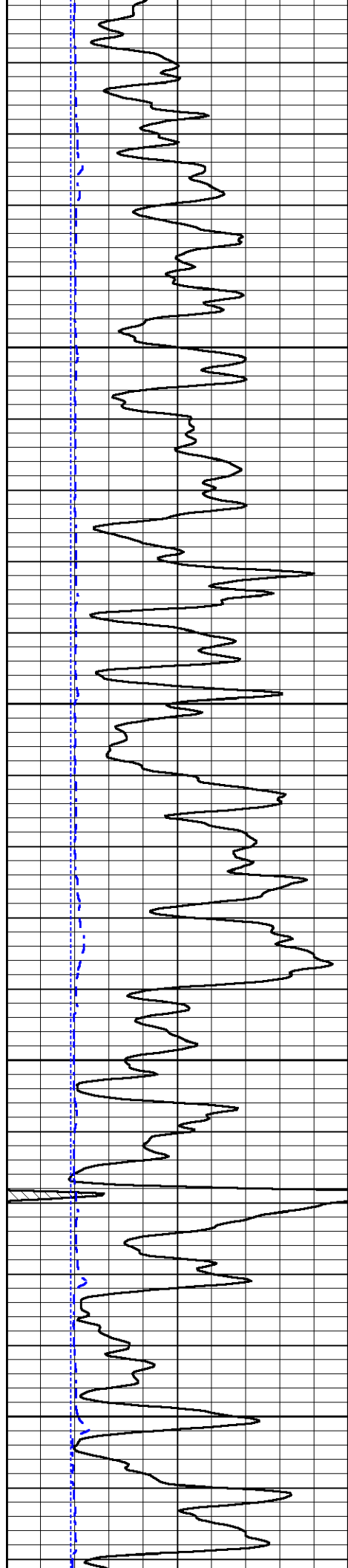


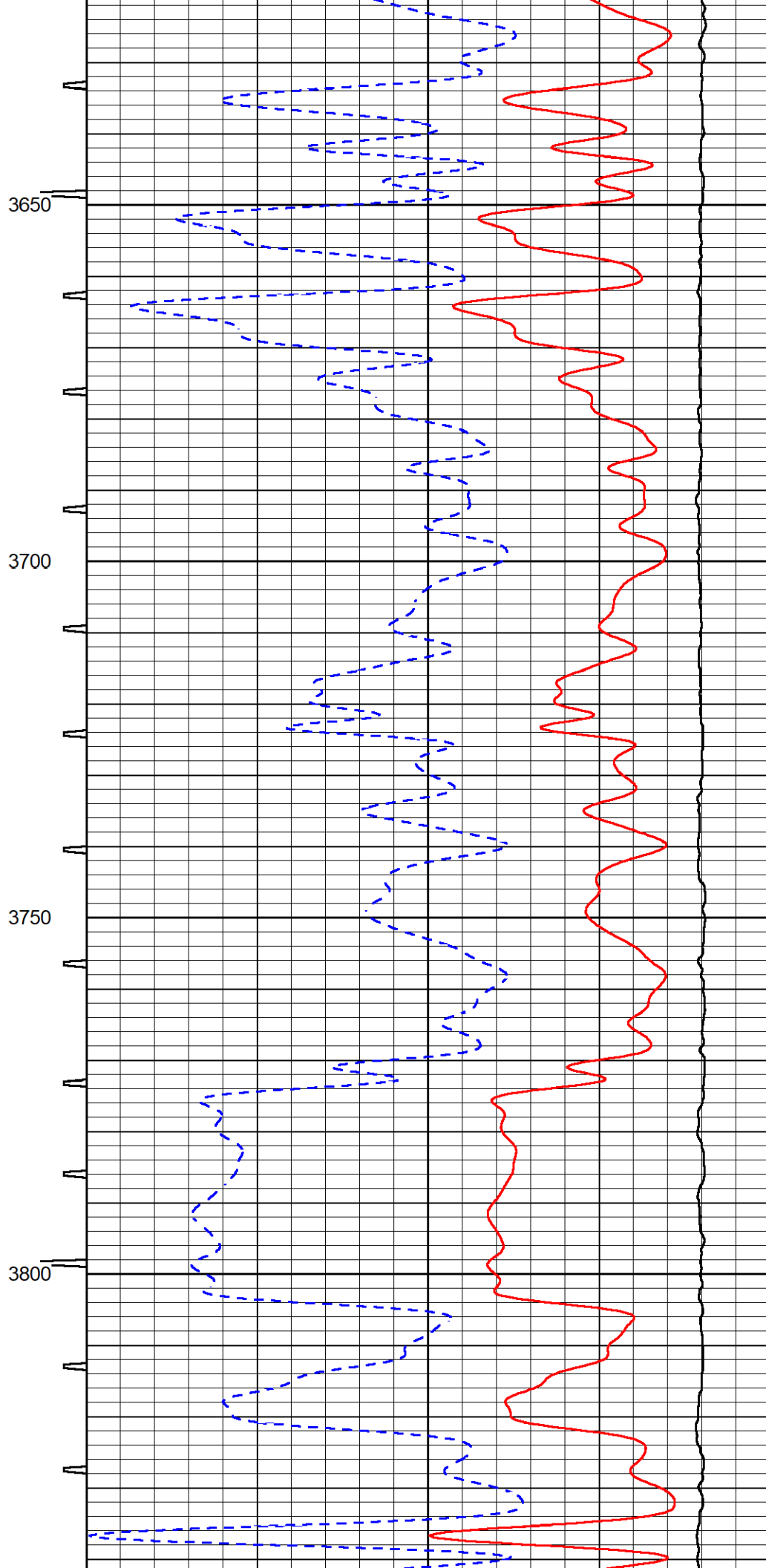
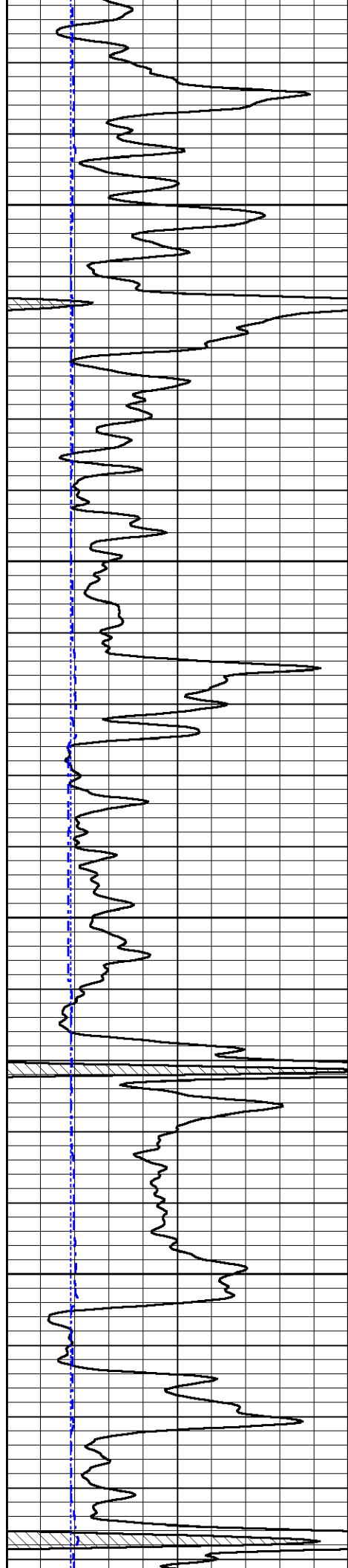


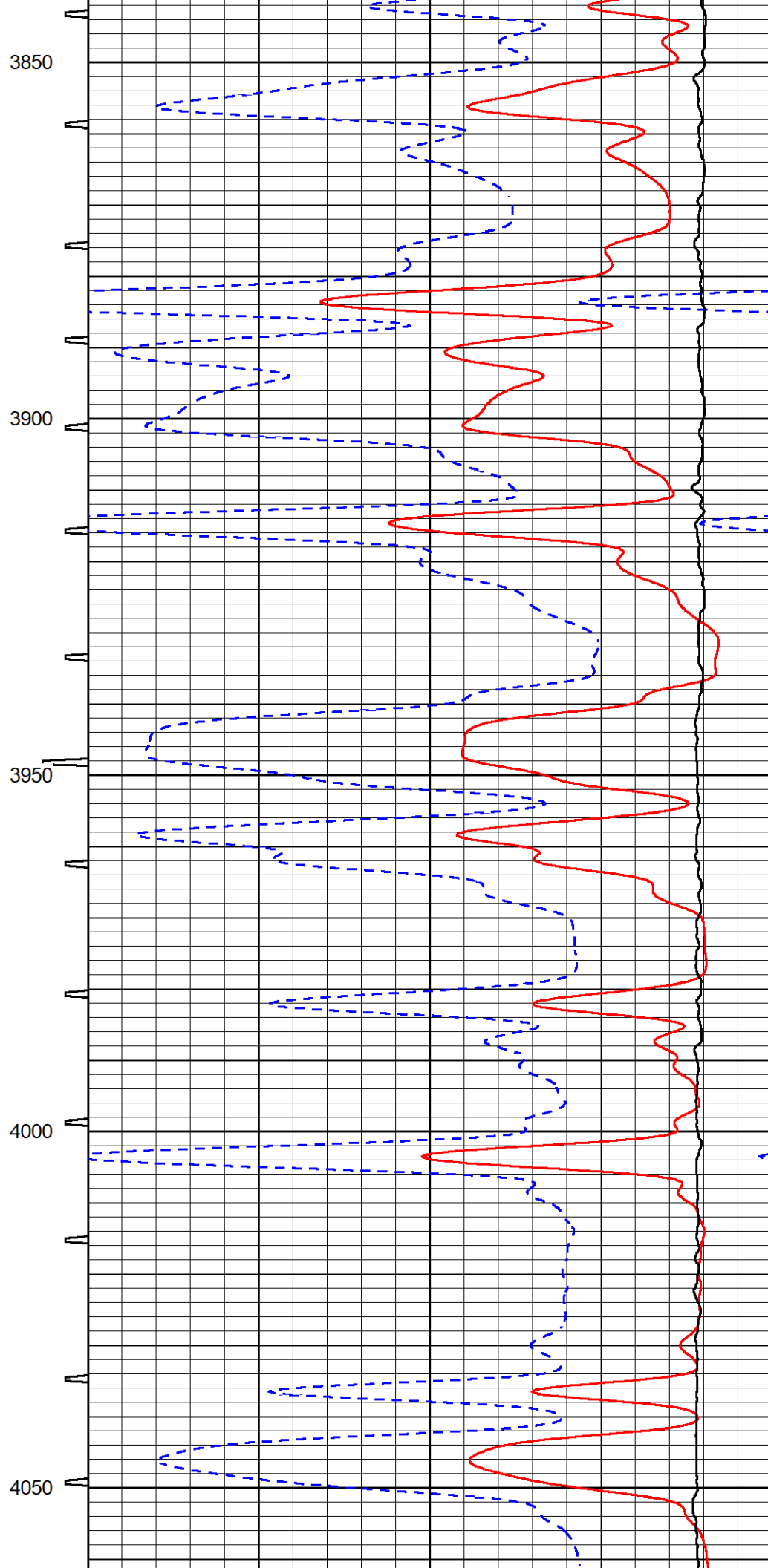
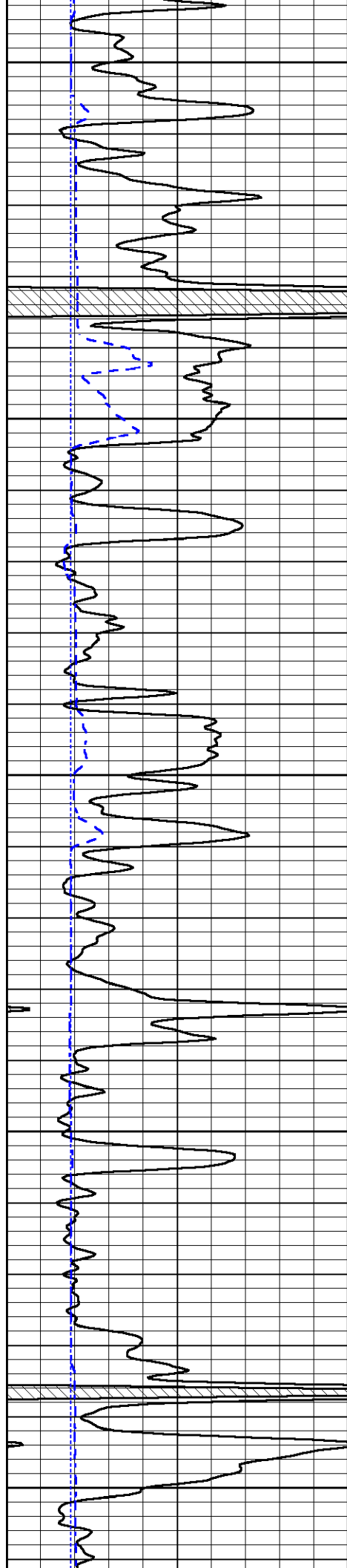


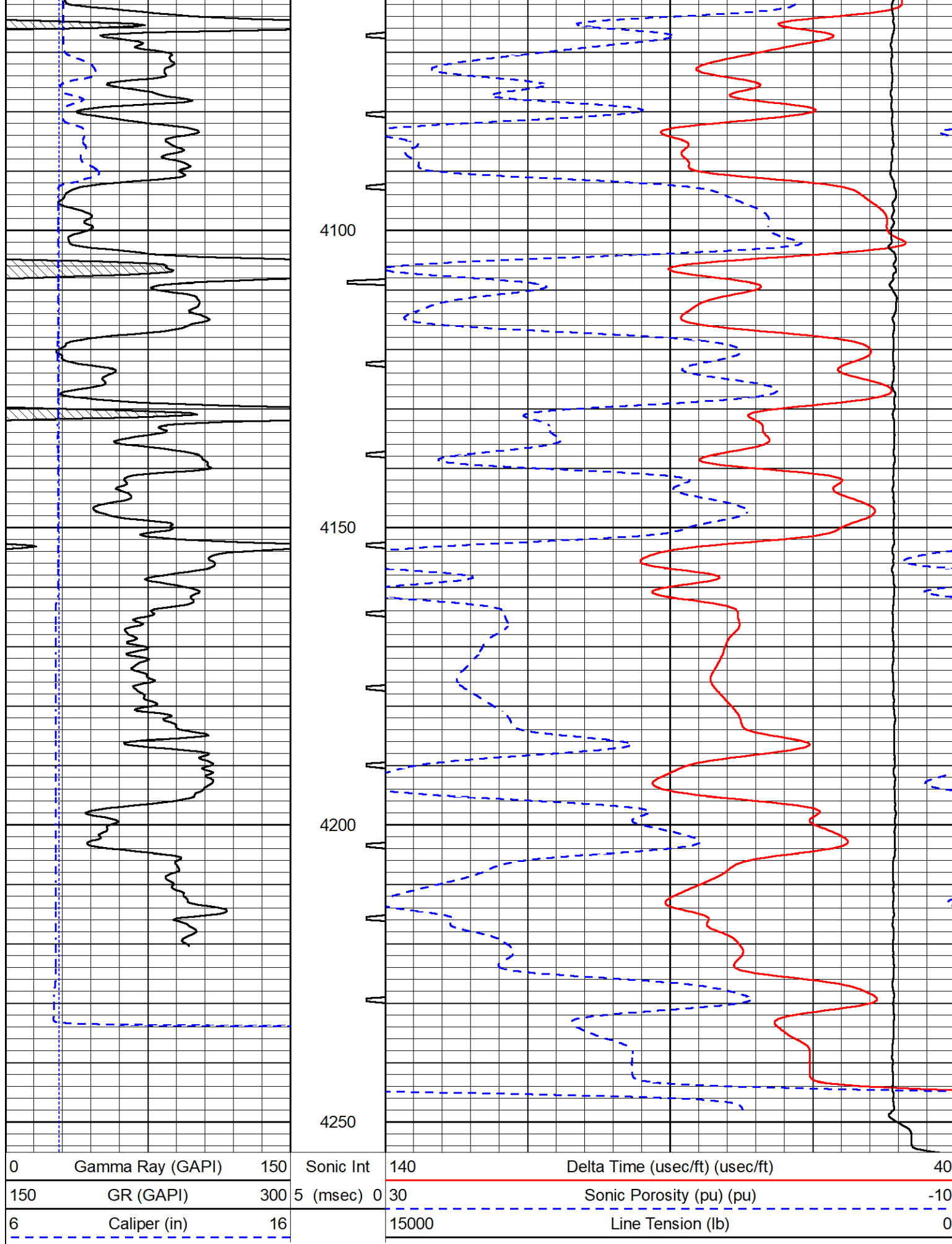












REPEAT SECTION



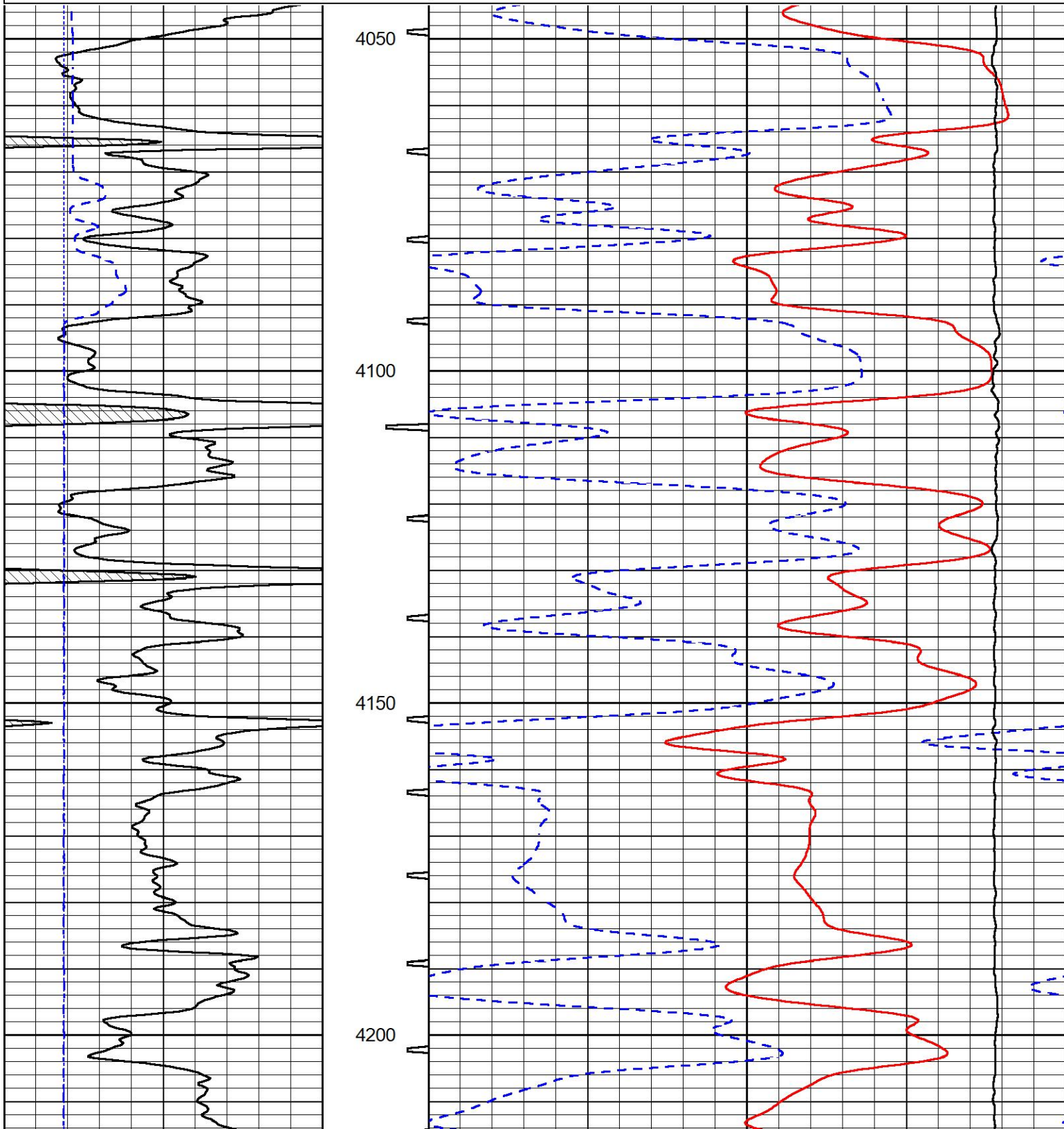
MIDWEST WIRELINE

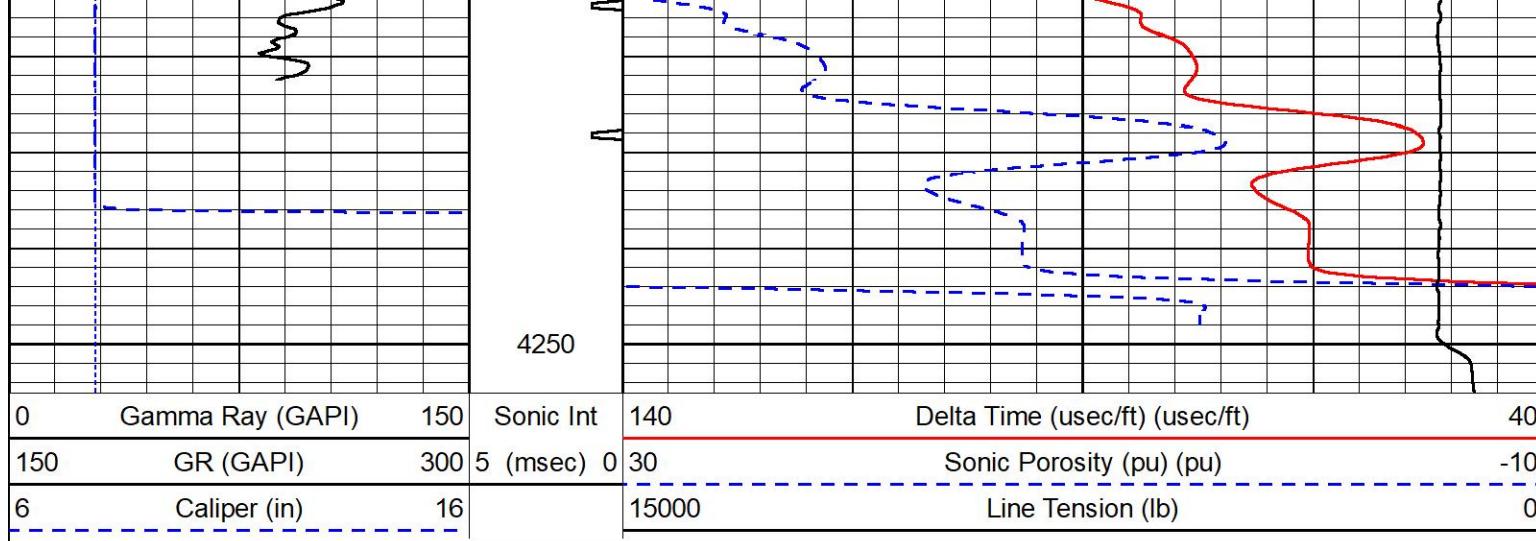
REPEAT SECTION

REPEAT PASS

Database File pioneer_schamberger sheep head unit #1-7.db
Dataset Pathname Stack/pass2.1
Presentation Format _sonic
Dataset Creation Sat Apr 09 02:16:18 2022
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) (pu)	-10
6	Caliper (in)	16		15000	Line Tension (lb)	0





Company Pioneer Oil Company, Inc.
 Well Schamberger Sheep Head Unit #1-7
 Field
 County Sheridan
 State Kansas