



BOREHOLE COMPENSATED SONIC LOG

MIDWEST WIRELINE

Company Thomas Garner, Inc.
Well Petty-Christie Unit #1
Field Unknown
County Stafford
State Kansas

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Well Petty-Christie Unit #1
Field Unknown
County Stafford State Kansas

Location: API #: 15-185-24083-00-00
570' FNL & 410' FEL
SEC 22 TWP 25S RGE 13WJ
Permanent Datum Ground Level Elevation 1927'
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing
Other Services
DIL/MEL
CNL/CDL
K.B. 1935'
D.F. N/A
G.L. 1927'

Date				7/30/2021			
Run Number				Two			
Type Log				BHCS			
Depth Driller				4335'			
Depth Logger				4330'			
Bottom Logged Interval				4319'			
Top Logged Interval				350'			
Type Fluid In Hole				Chemical			
Salinity, PPM CL				10,500			
Density				9.4			
Level				Full			
Max. Rec. Temp. F				119 Deg/F			
Operating Rig Time				4 hours			
Equipment -- Location				P-108 HAYS			
Recorded By				J. Hennickson			
Witnessed By				Jim Musgrove			
Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25"	0	370'	8.625"	24#	0	370'
Two	7.875"	370'	TD				

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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.

St. John Kansas
South to 60 Rd, 1 East, South into

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

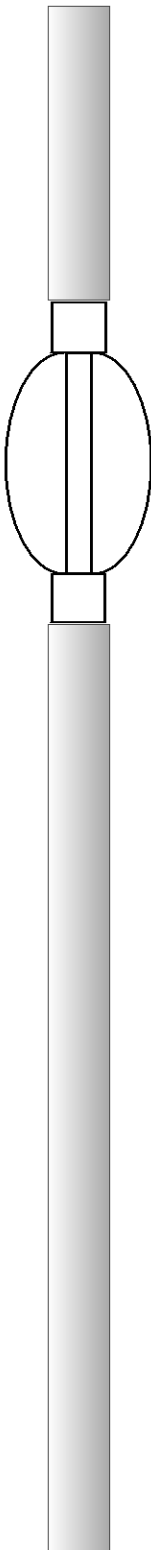
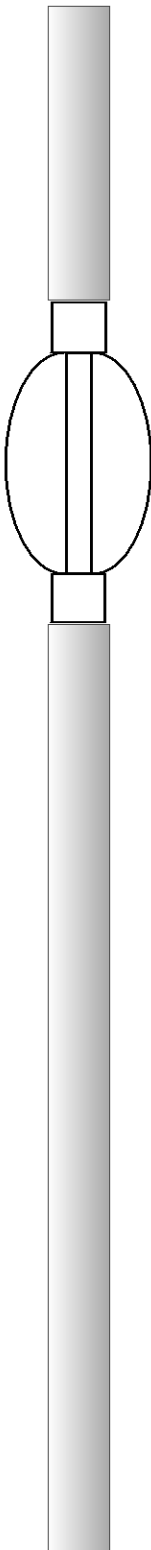
THANK YOU FOR USING MIDWEST WIRELINE LLC
785-625-3858

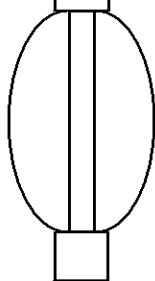
Your Midwest Wireline Crew	This Log Record Was Witnessed By
Engineer: J. Henrickson	Primary Witness: Jim Musgrove
Operator:	Secondary Witness:
Operator:	Secondary Witness:
Operator:	Secondary Witness:

DatabaseC:\ProgramData\Warrior\Data\garner_petty_christie_unit_1.db
Dataset field/well/stack/pass4.1/_vars_

Top - Bottom

A	BOREID in	BOTTEMP degF	CASEOD in	CASETHCK in	FLUIDDEN g/cc	M	MATRXDEN g/cc
1	7.875	117	5.5	0	1	2	2.71
NPORSEL	PERFS	SNDERR mmho/m	SNDERRM mmho/m	SPSHIFT mV	SRFTEMP degF	SZCOR	TDEPTH ft
Limestone	0	-5	0	665	98	Off	4330

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
MCAL MI MN	28.00		ML-Armadillo (Armadillo-1) Pengo micro log tool mandrel with Armadillo Electronics	5.00	3.50	100.00
	28.00					
	28.00					
WVF4 WVF1 WVF3 WVF2	13.50		SLT-PENGO (0001)	16.00	3.50	300.00
	13.50					
	11.50					
	11.50					



CENT-PENGO

5.50

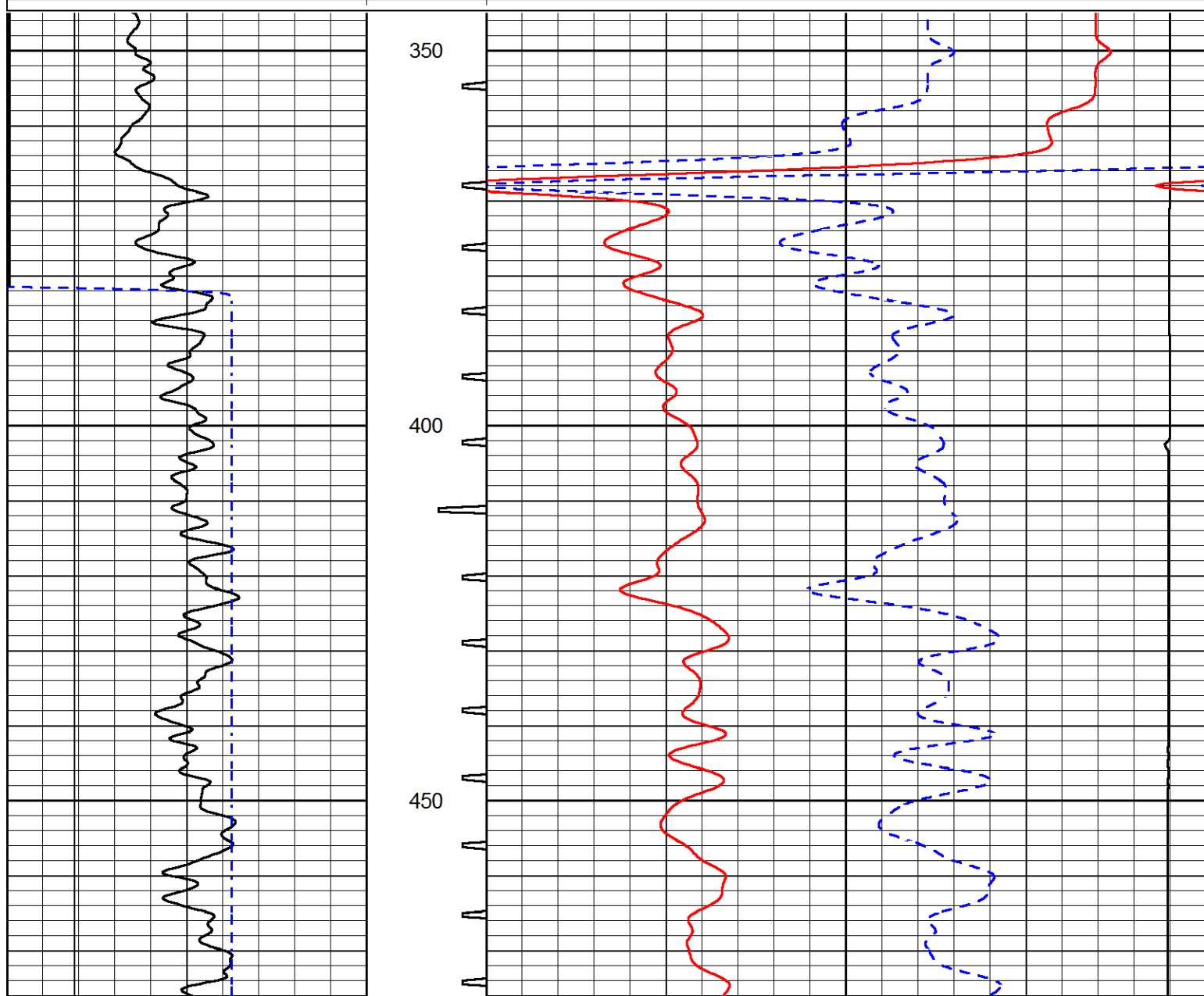
3.00

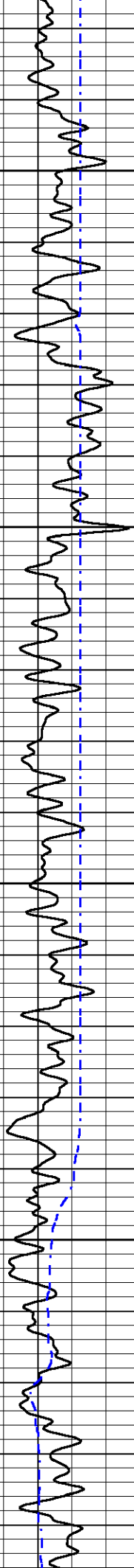
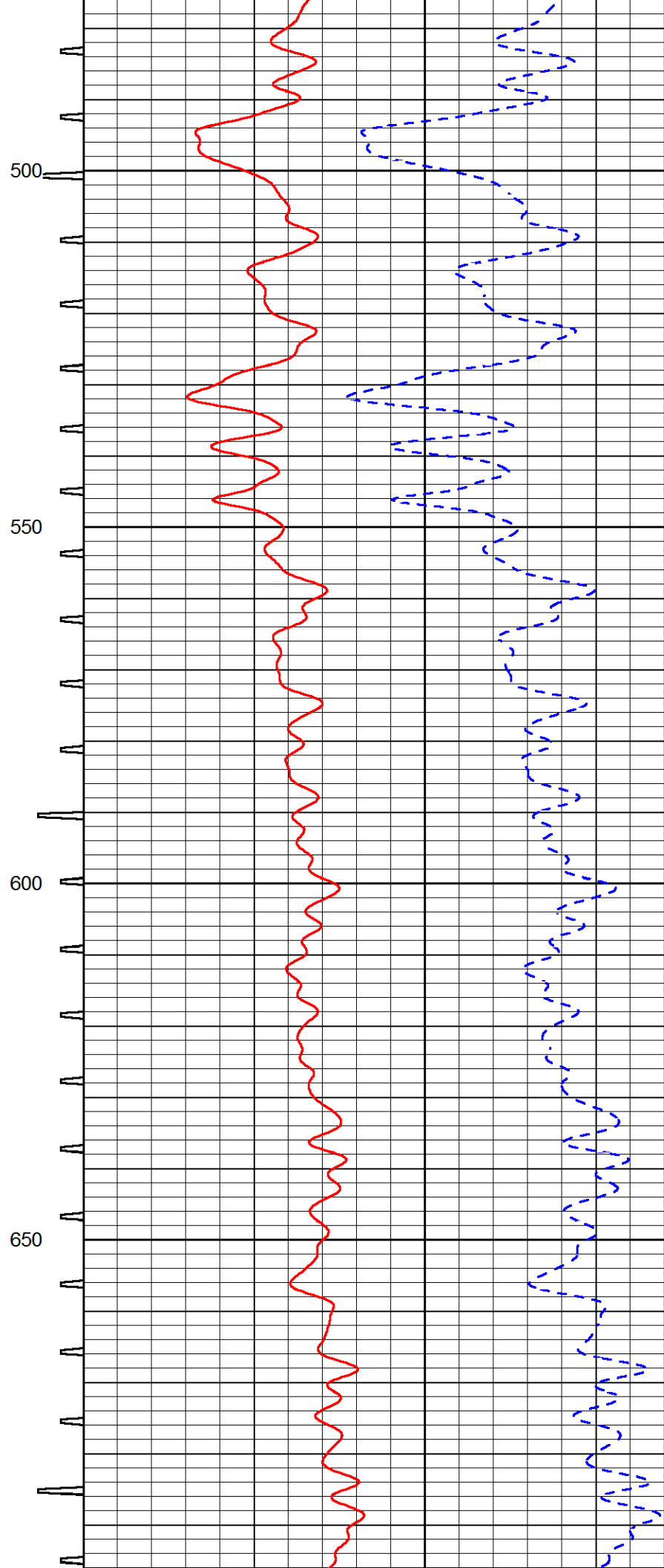
70.00

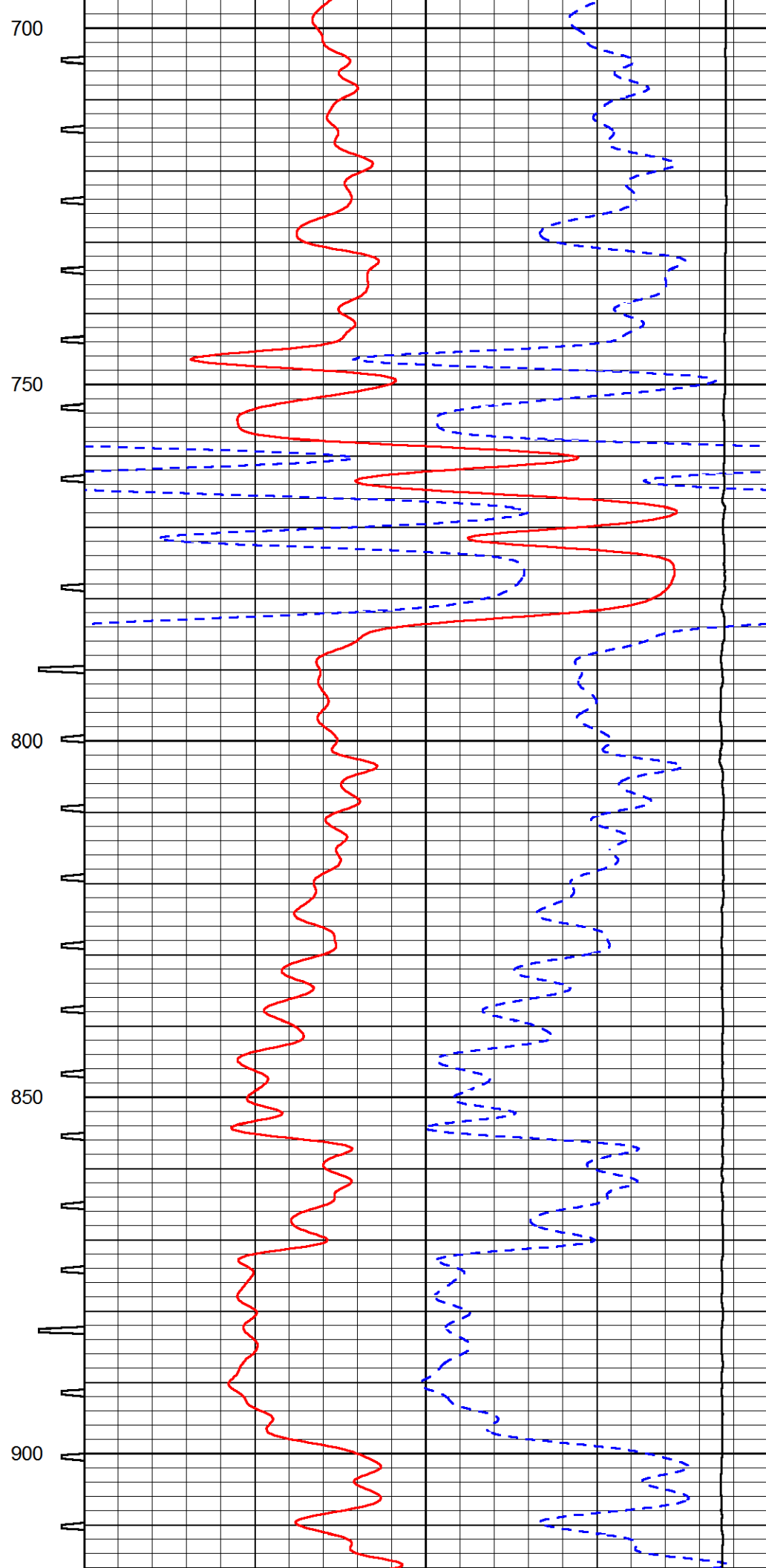
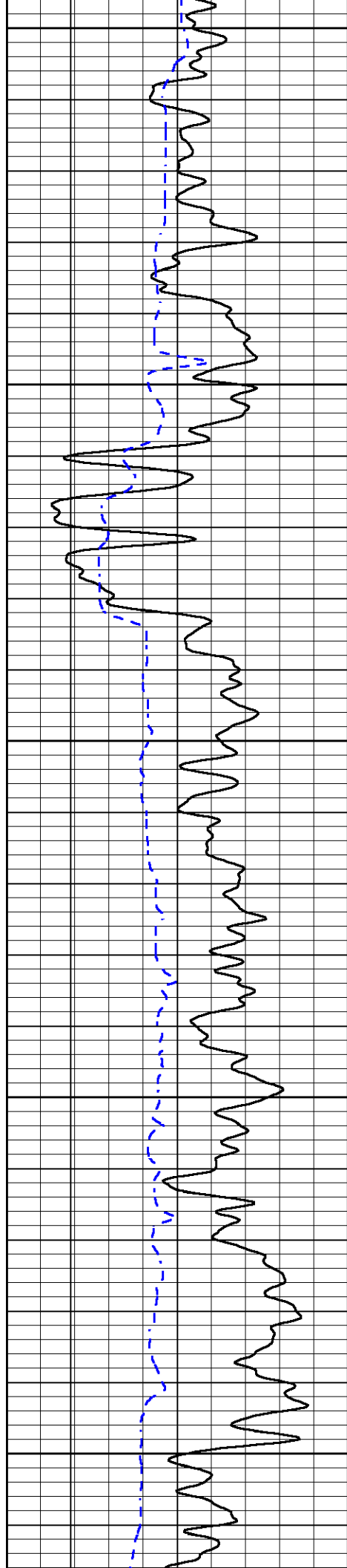
Dataset: garner_petty_christie_unit_1.db: field/well/sonmel/pass2
Total length: 32.00 ft
Total weight: 540.00 lb
O.D.: 3.50 in

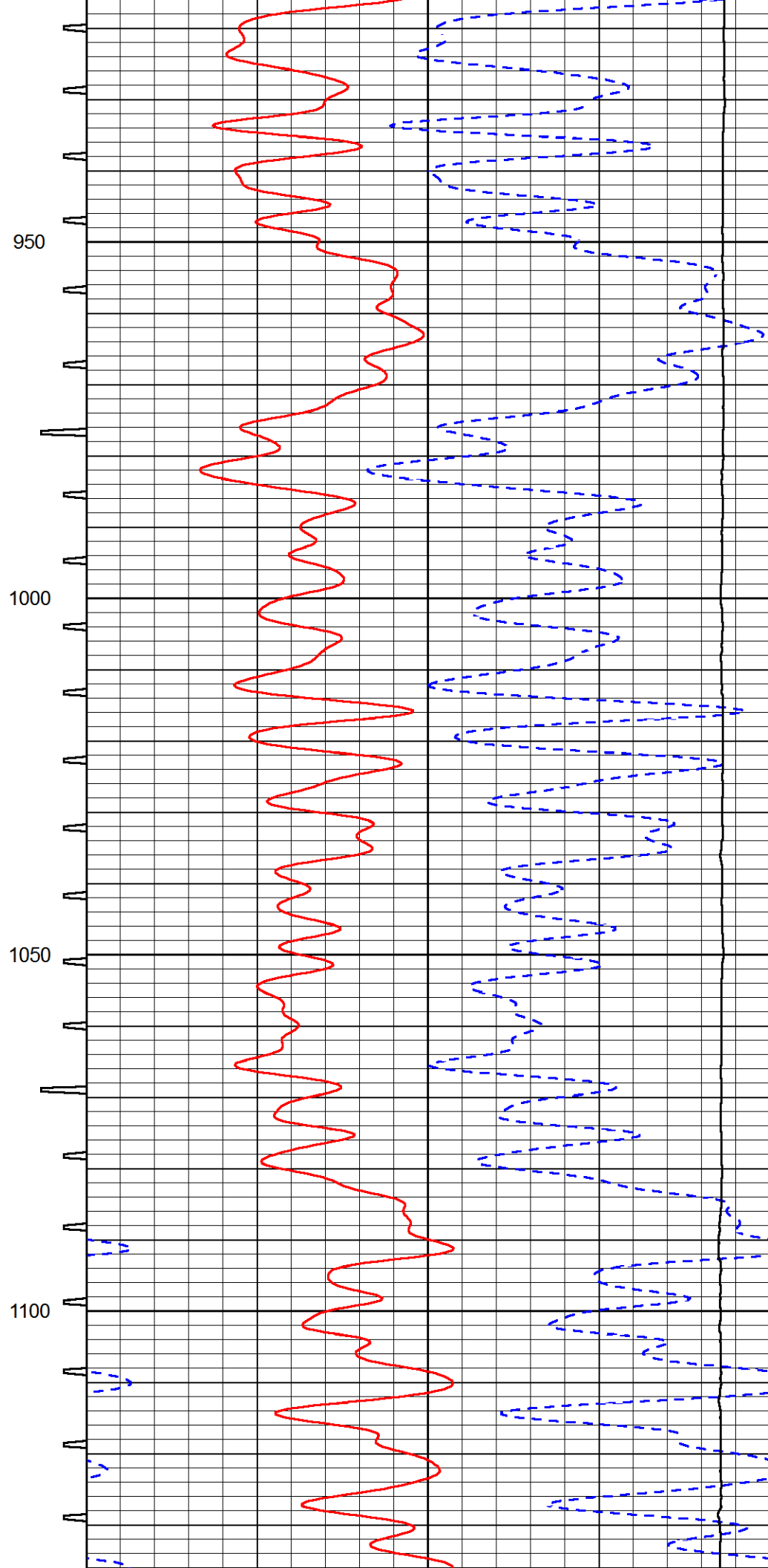
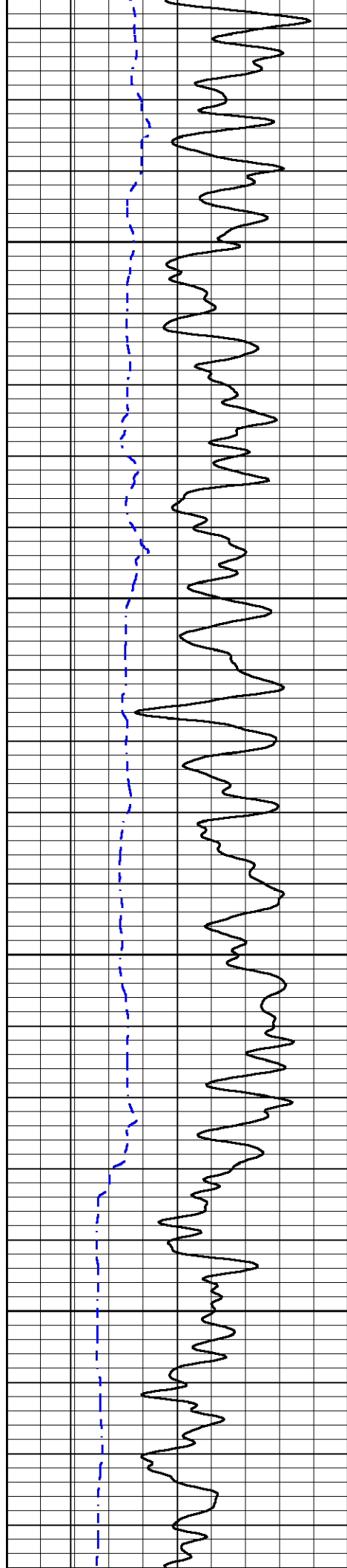
Database File garner_petty_christie_unit_1.db
Dataset Pathname stack/pass7.1
Presentation Format sonic
Dataset Creation Fri Jul 30 13:57:22 2021
Charted by Depth in Feet scaled 1:240

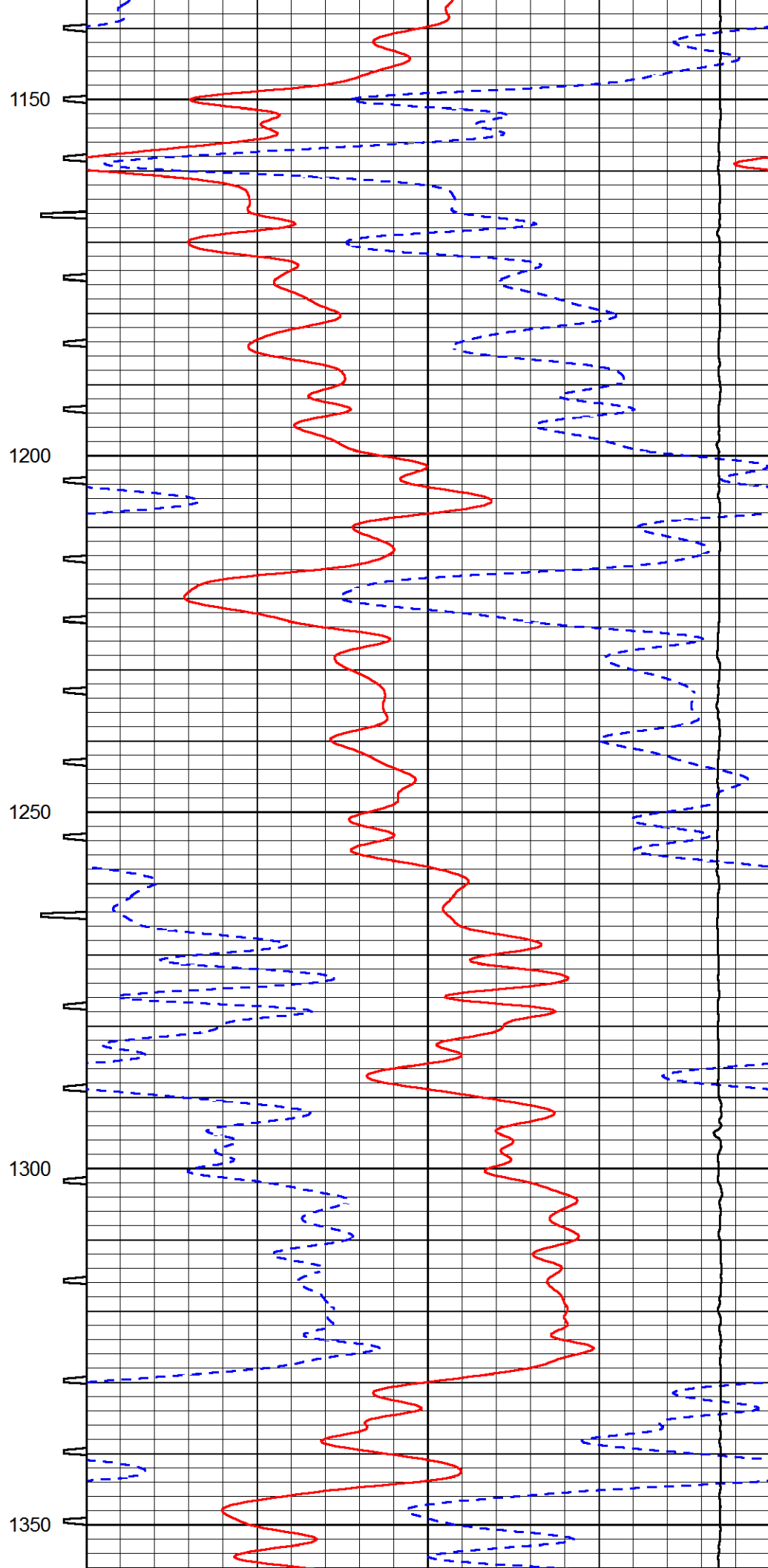
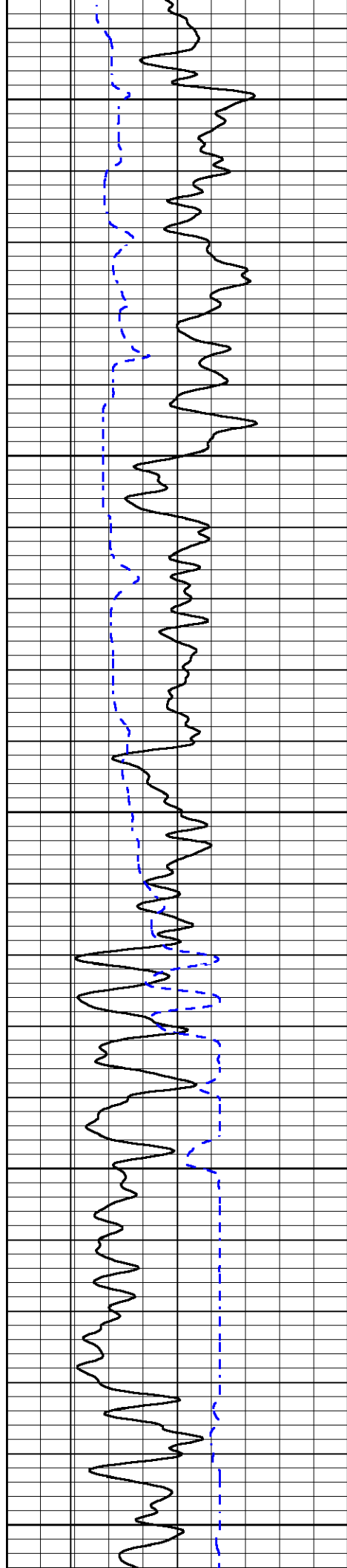
0	GAMMA RAY (GAPI)	150	SONIC INT	140	DELTA TIME (usec/ft) (usec/ft)	40
6	CALIPER (in)	16	RAVEL TIM	30	SONIC POROSITY (pu)	-10
6	BIT SIZE	16	(msec)	15000	LINE TENSION (lb)	0

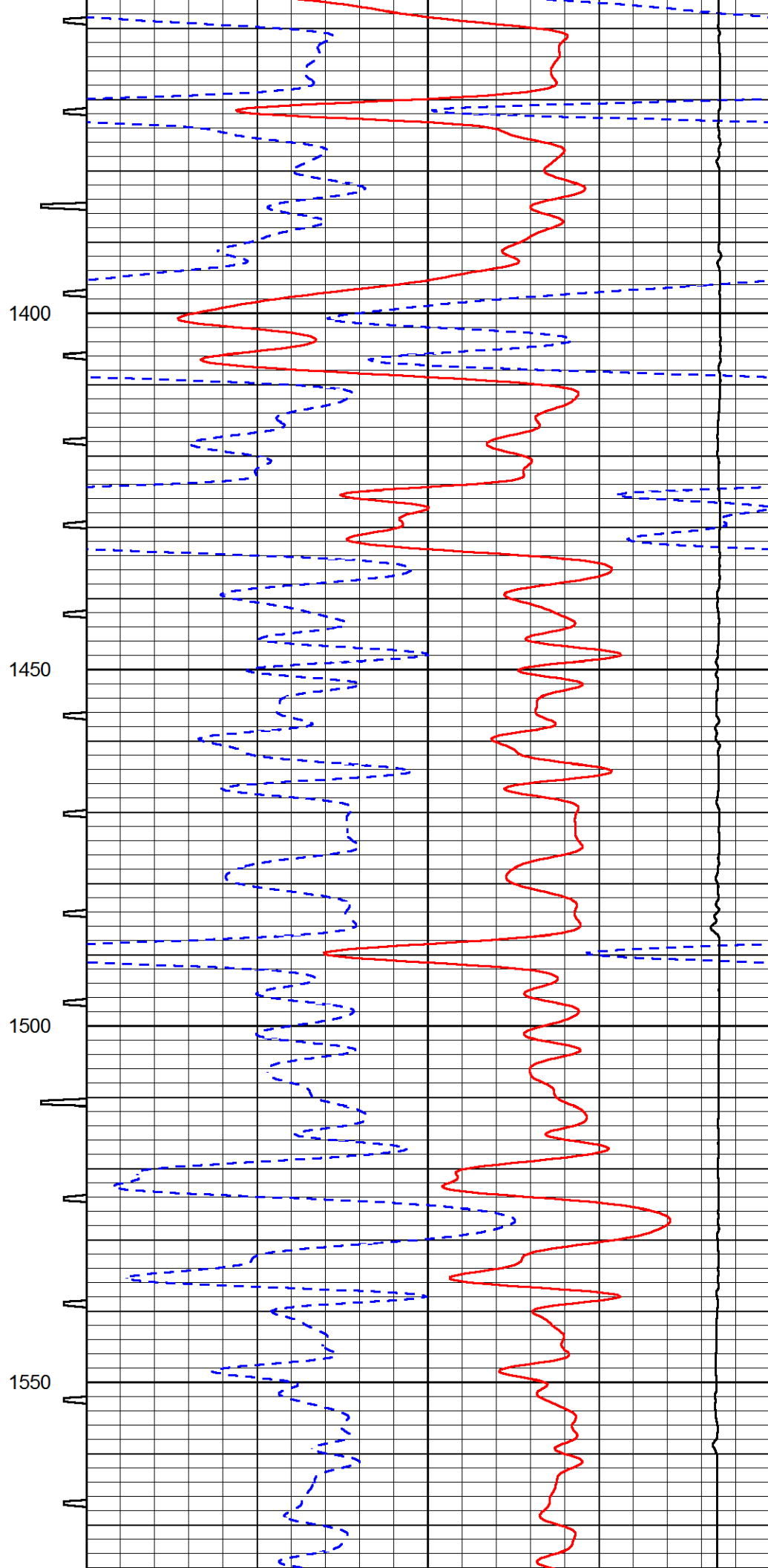
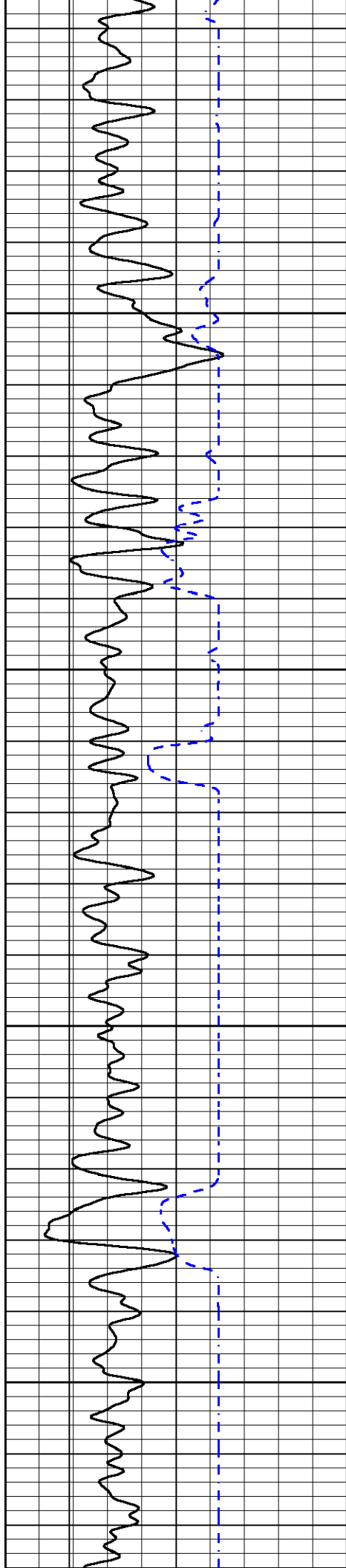


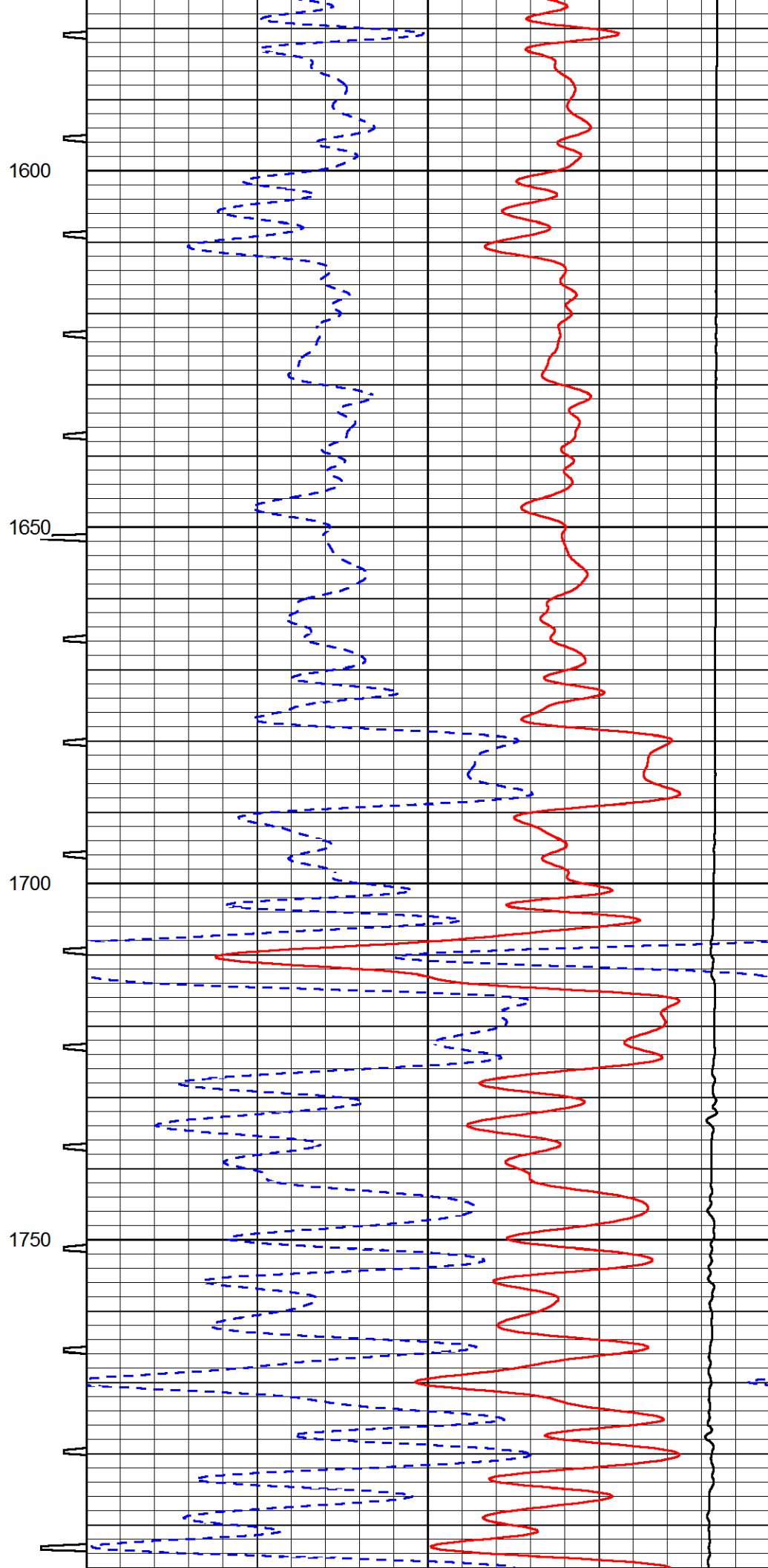
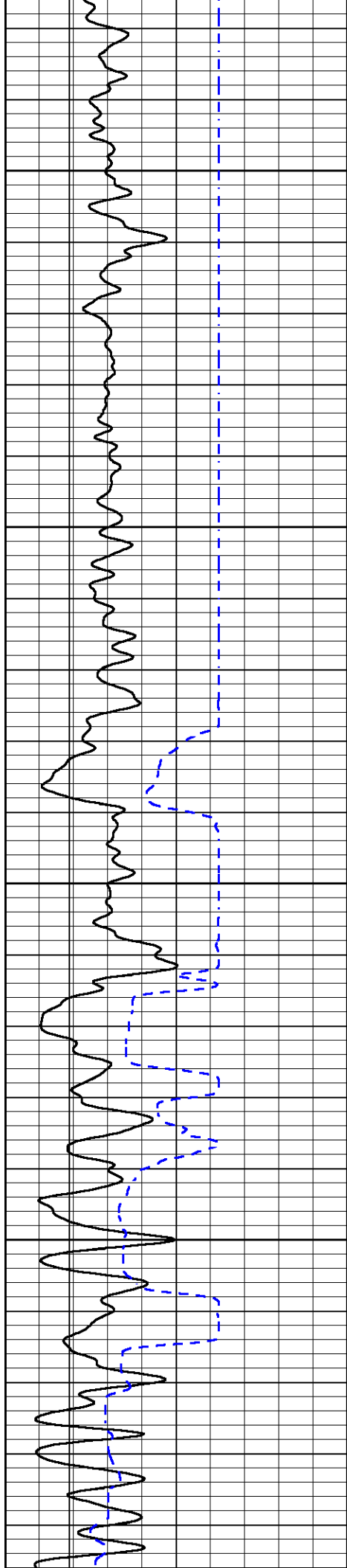


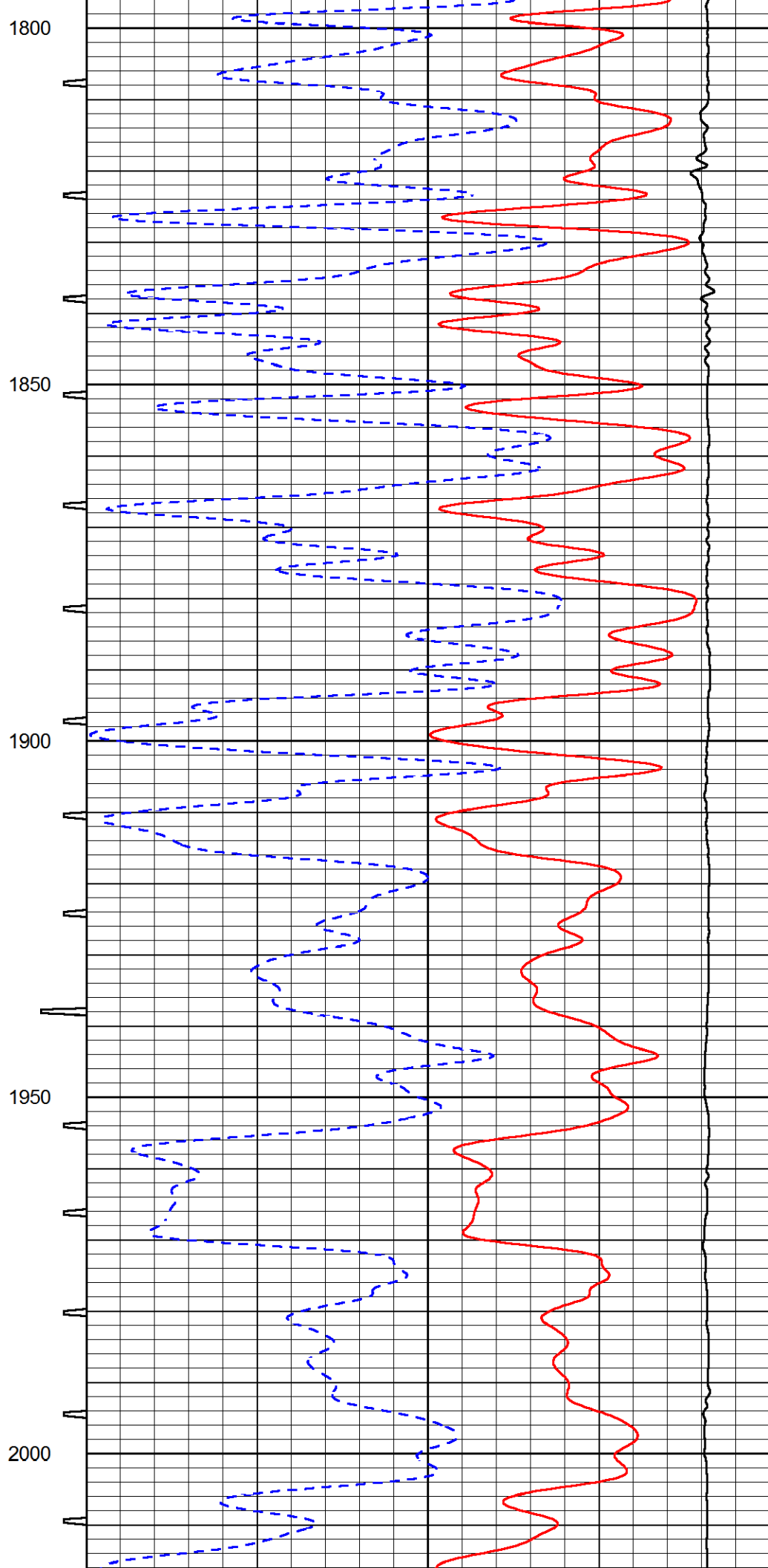
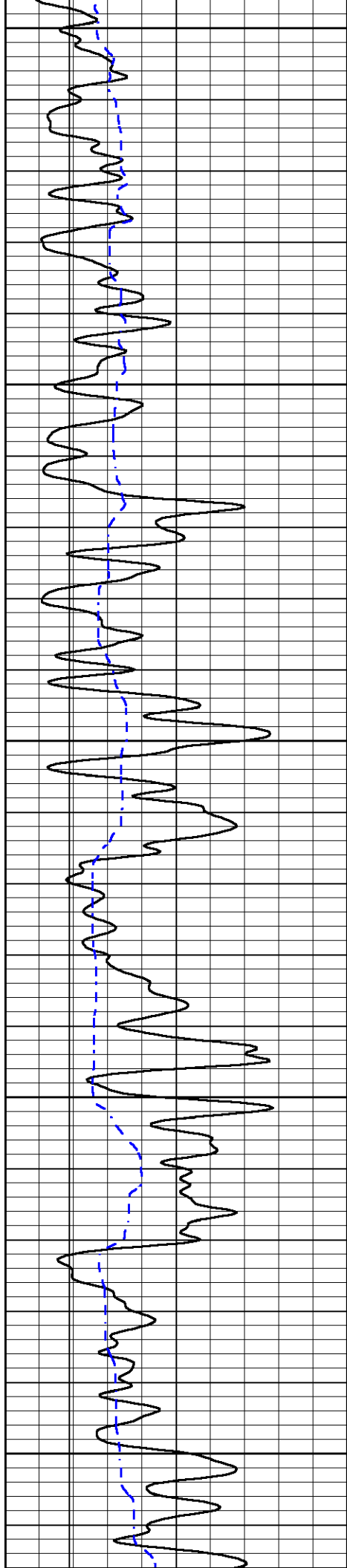


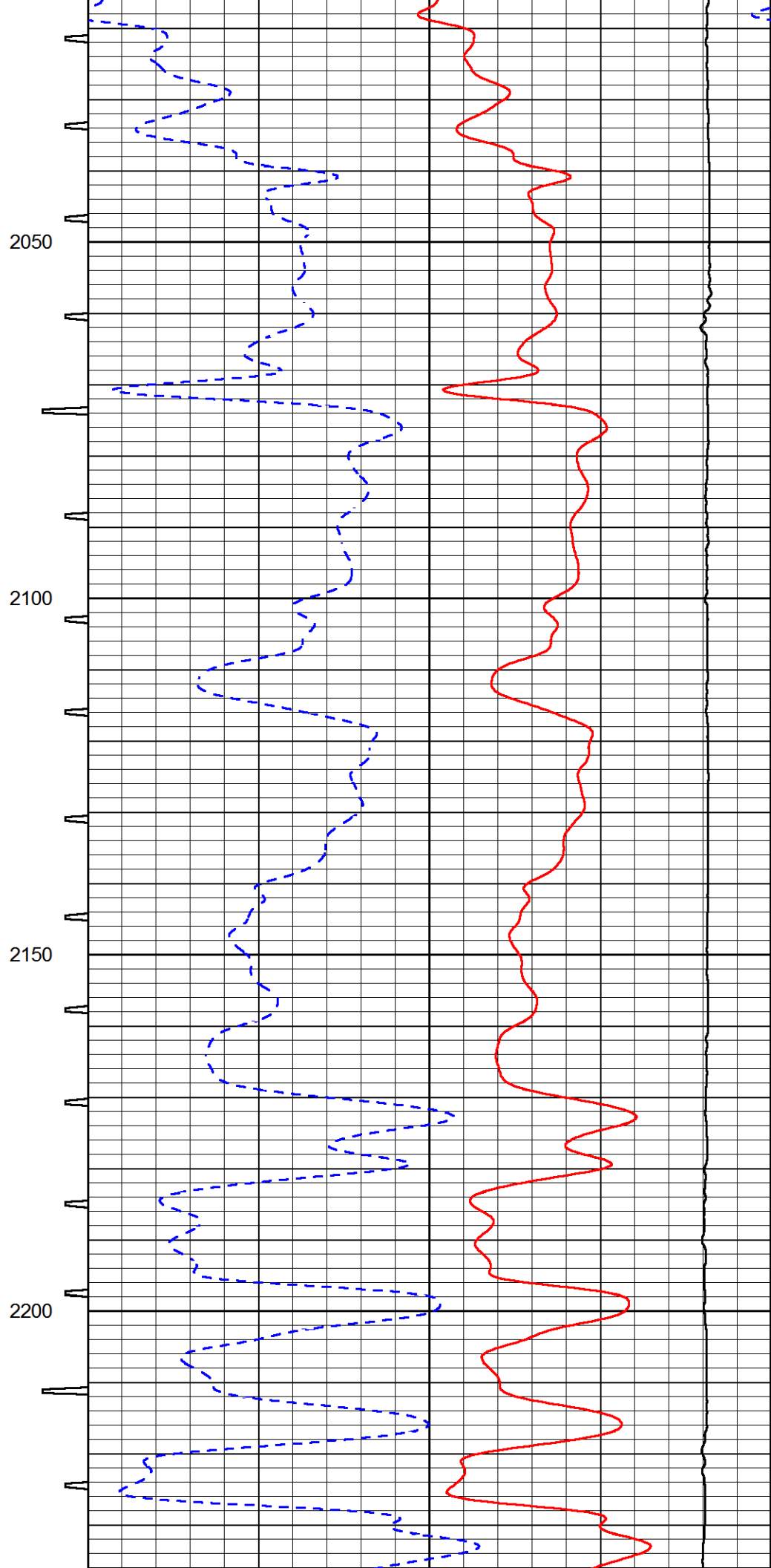
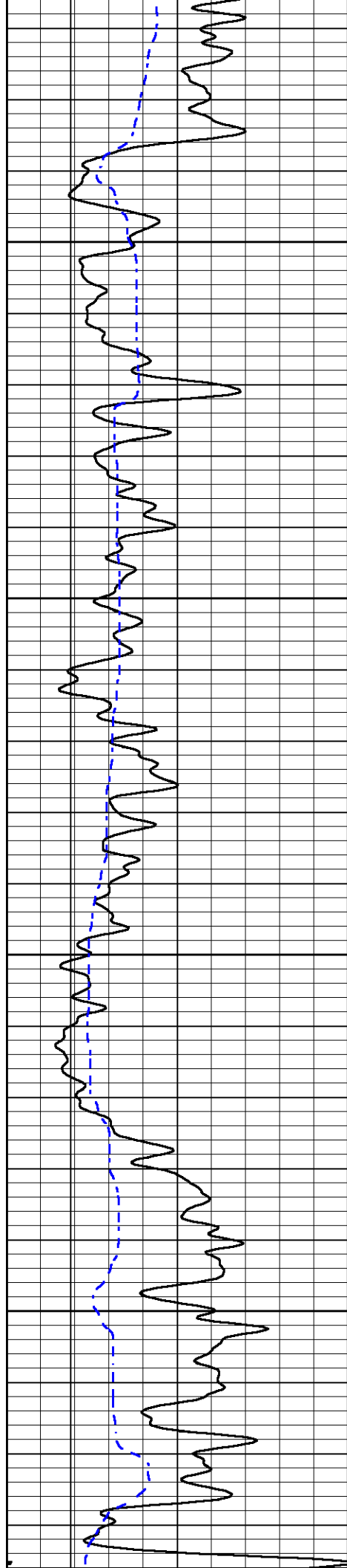


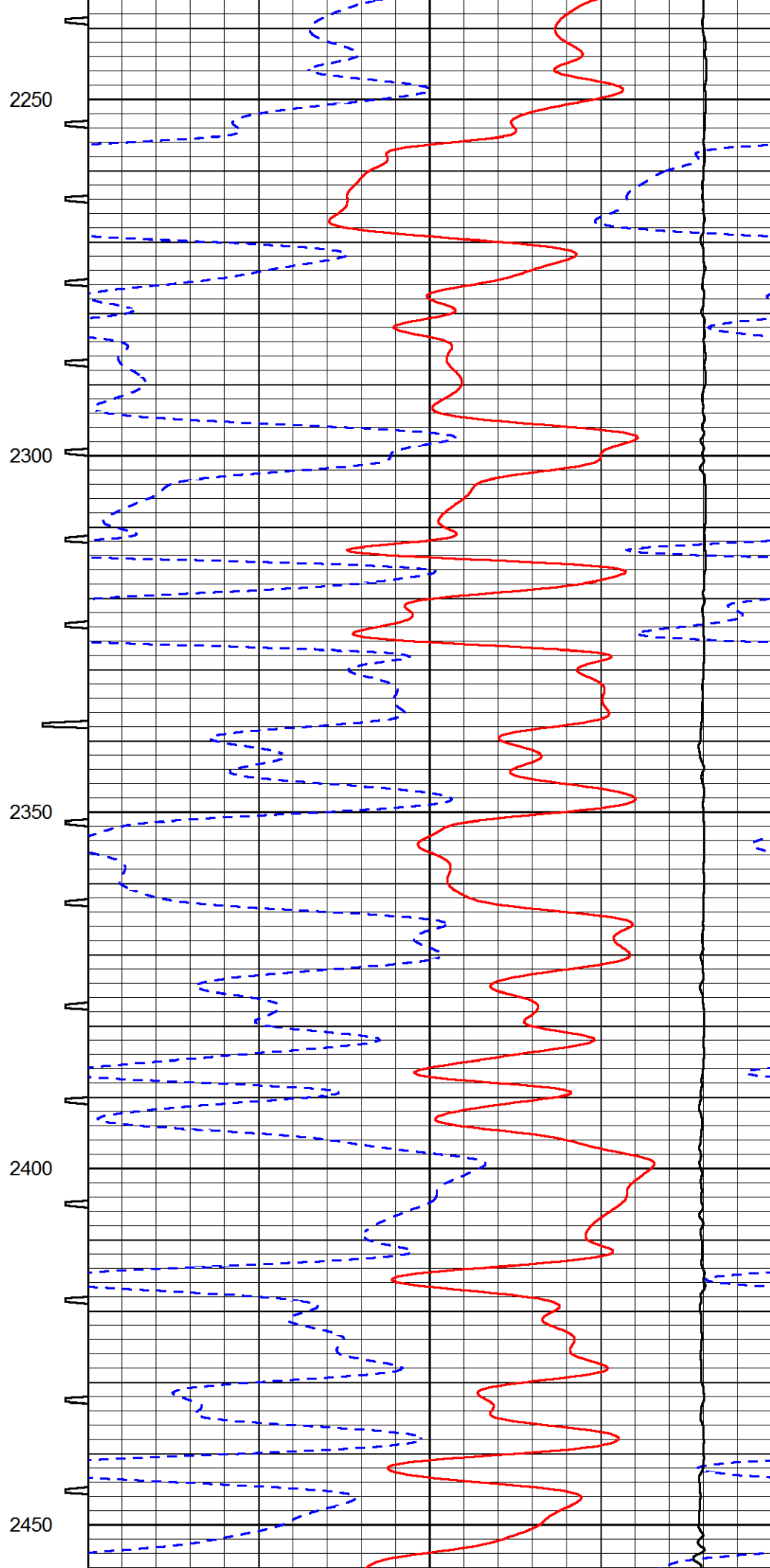
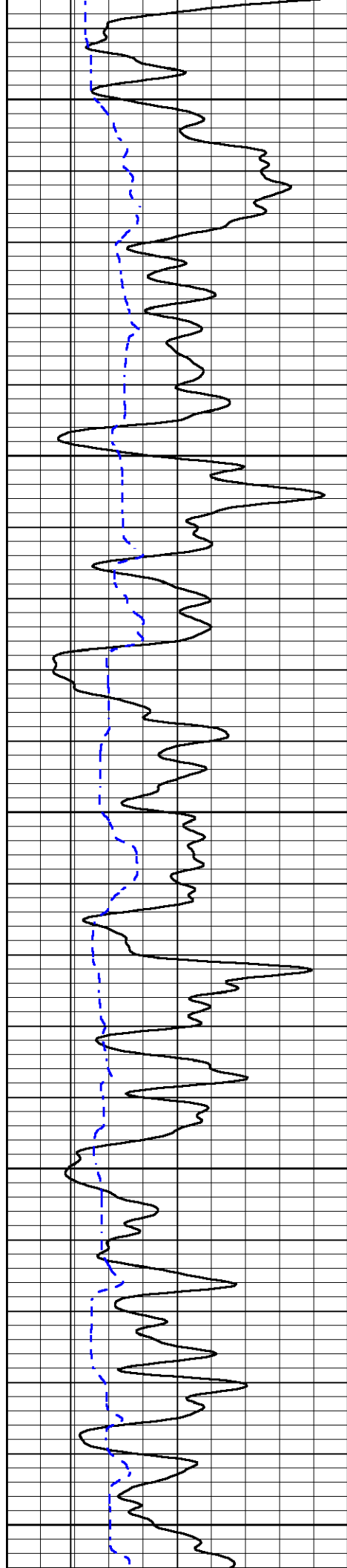


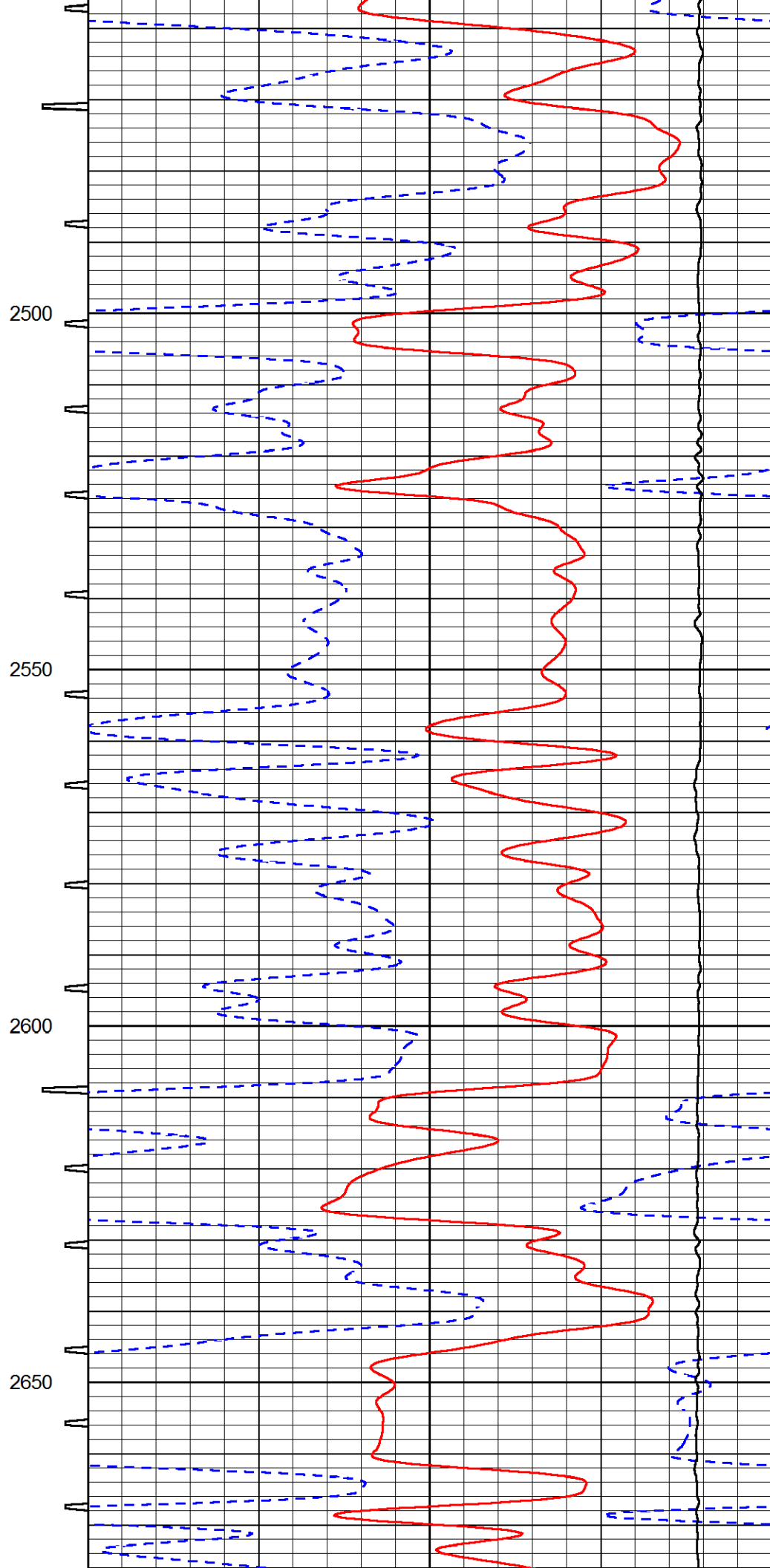
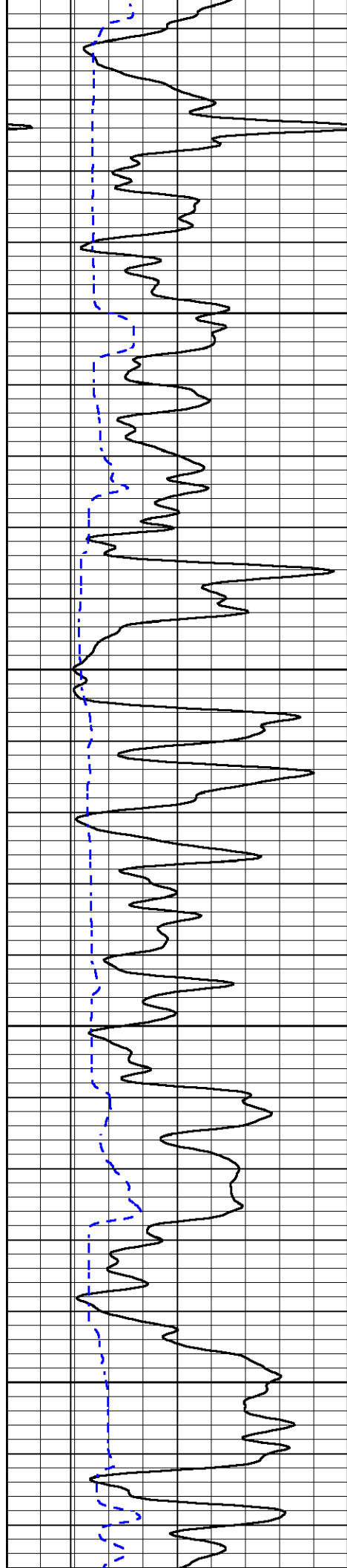


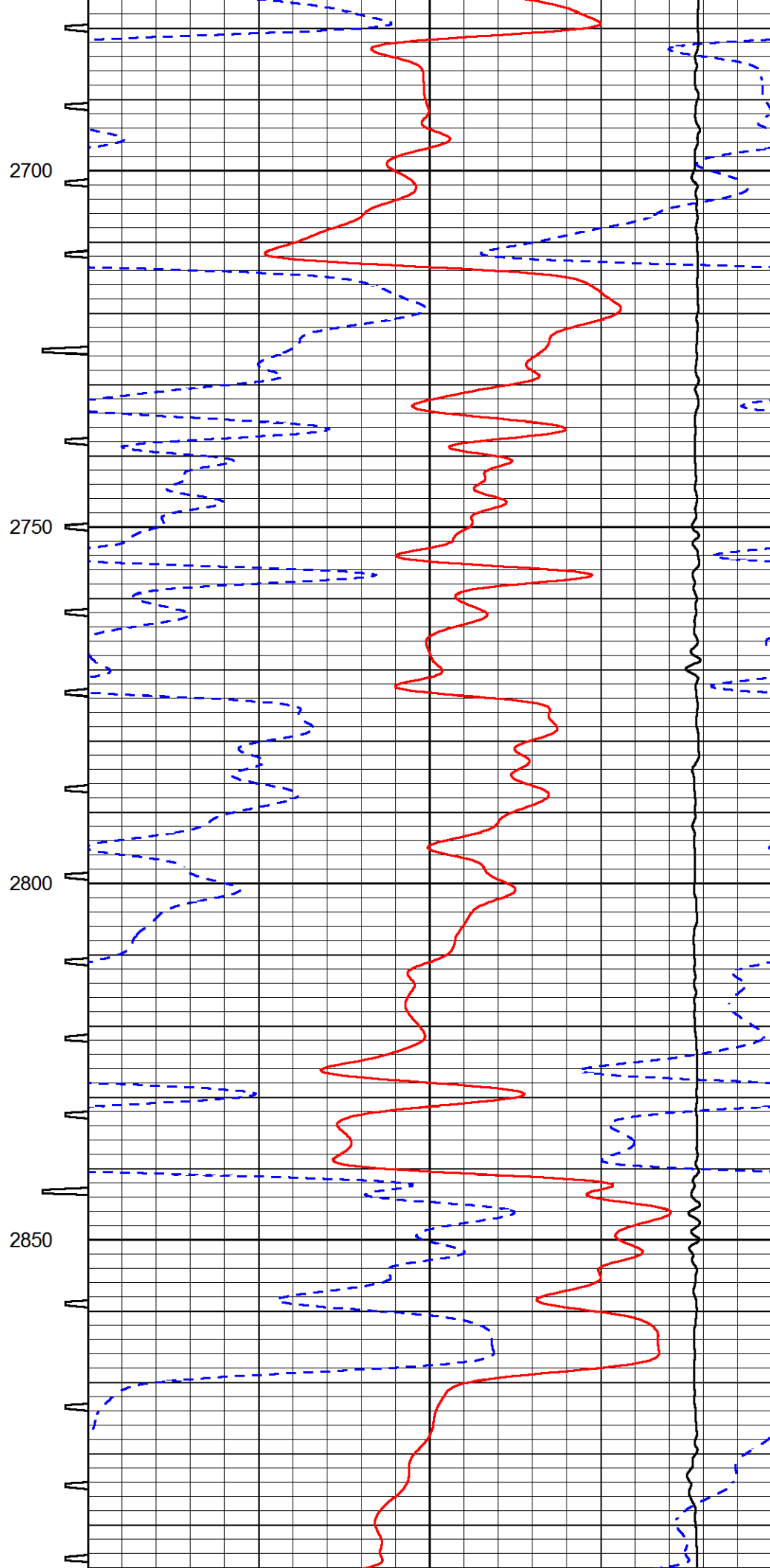
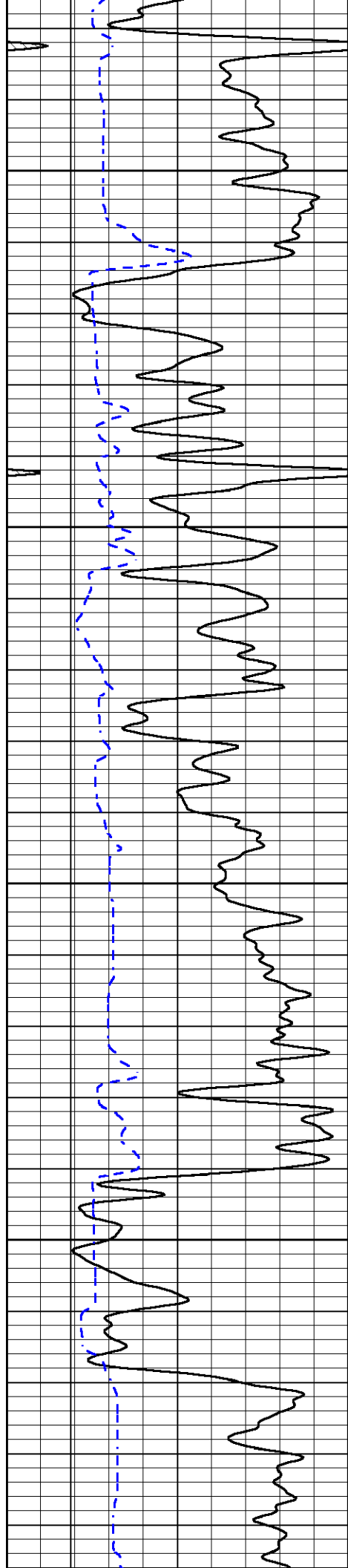


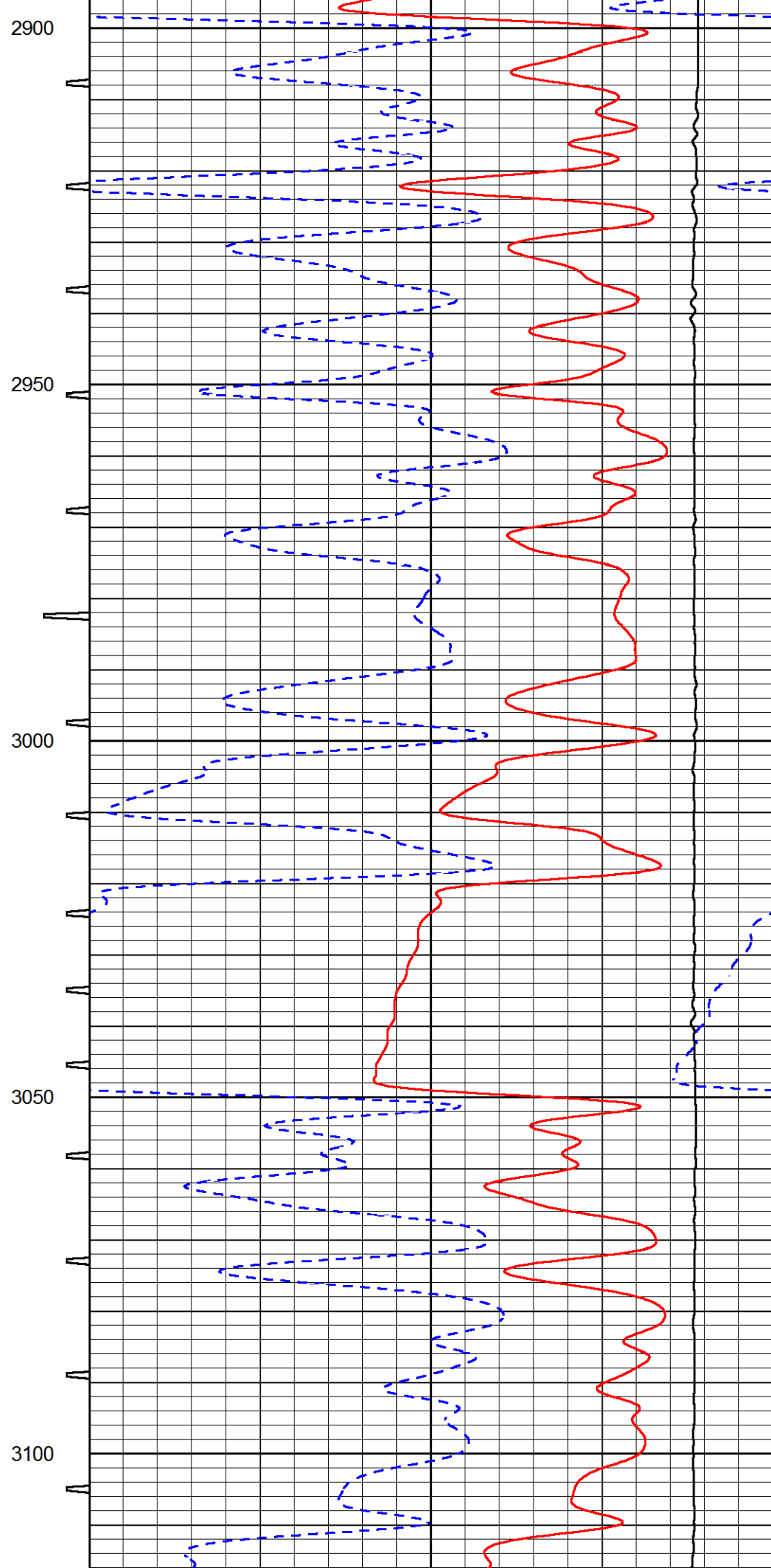
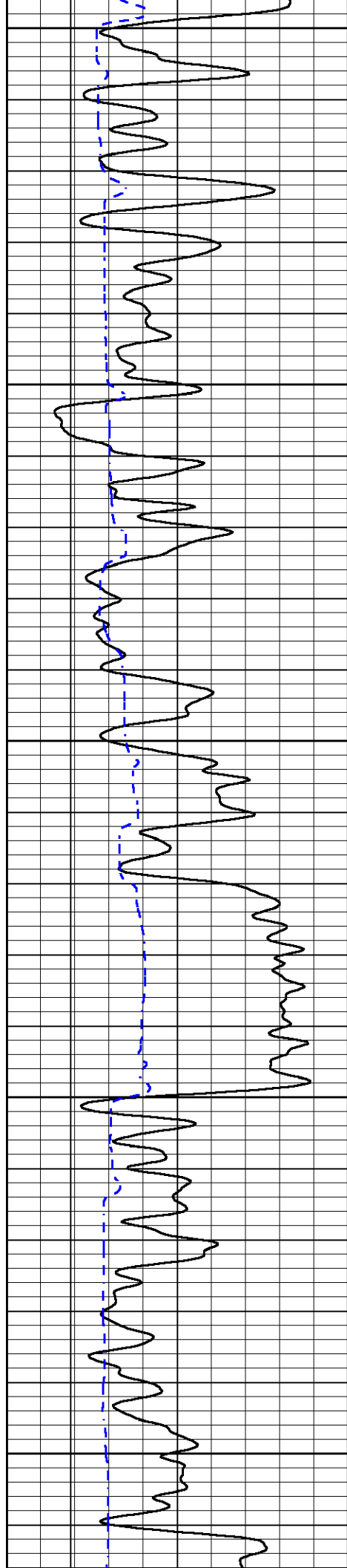


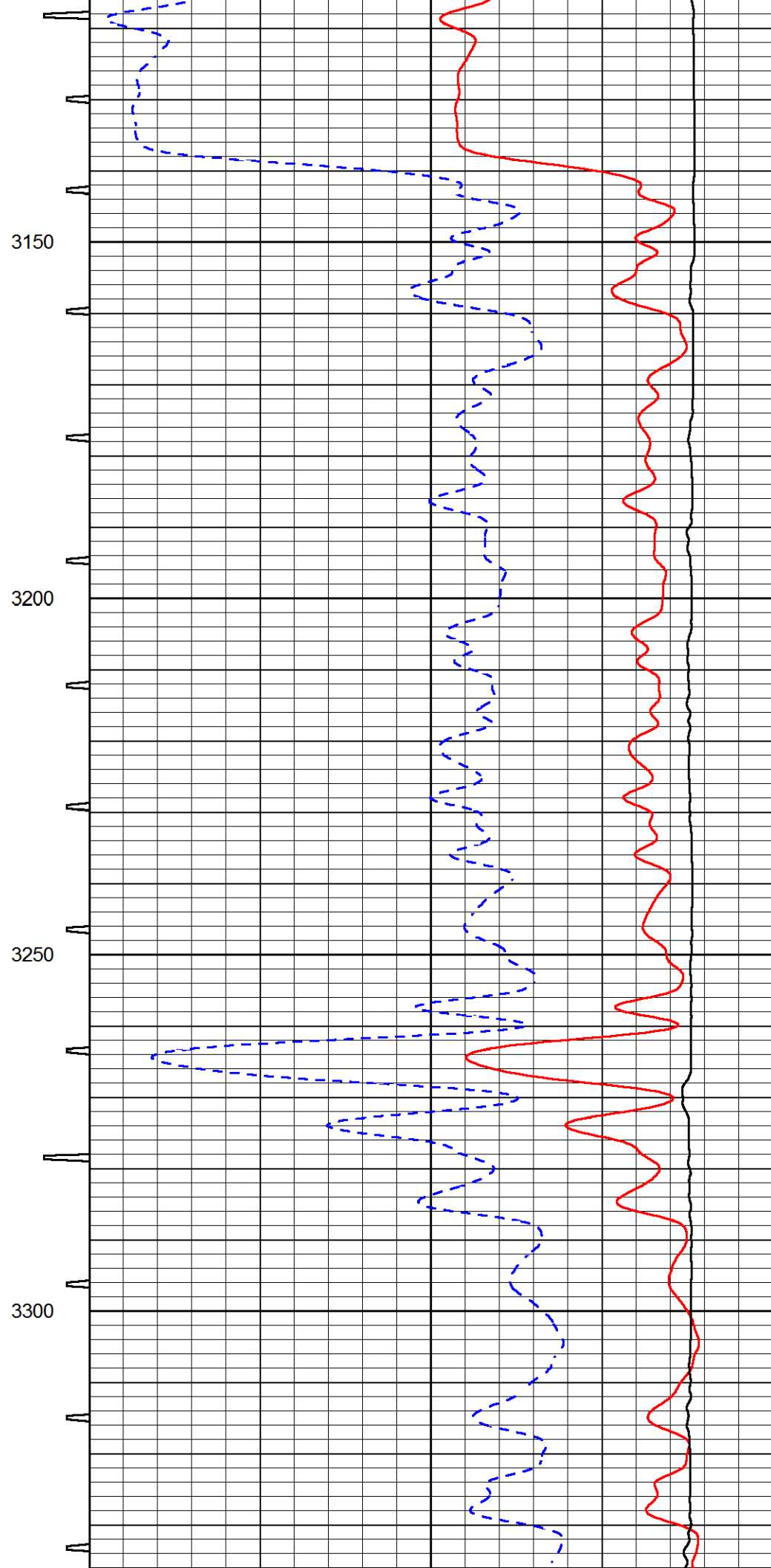
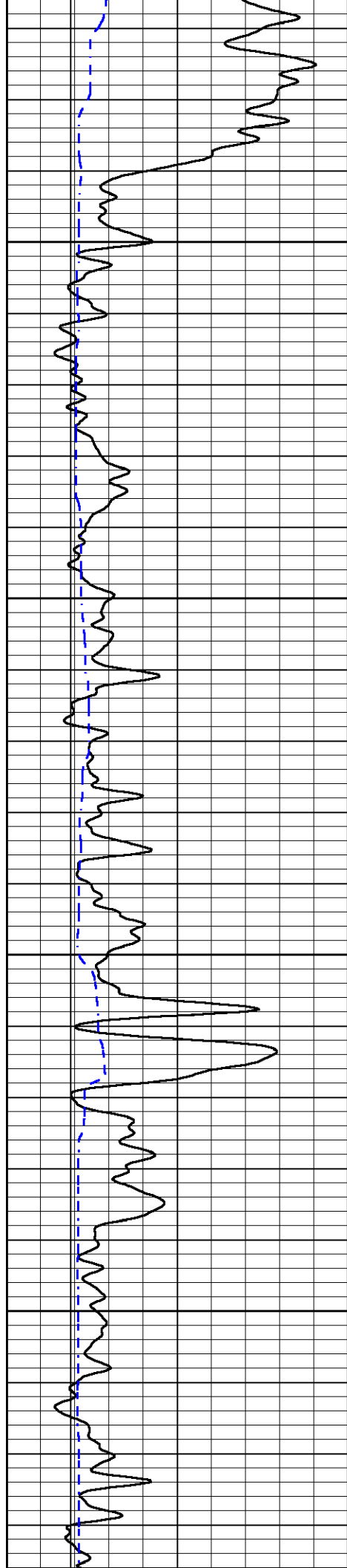


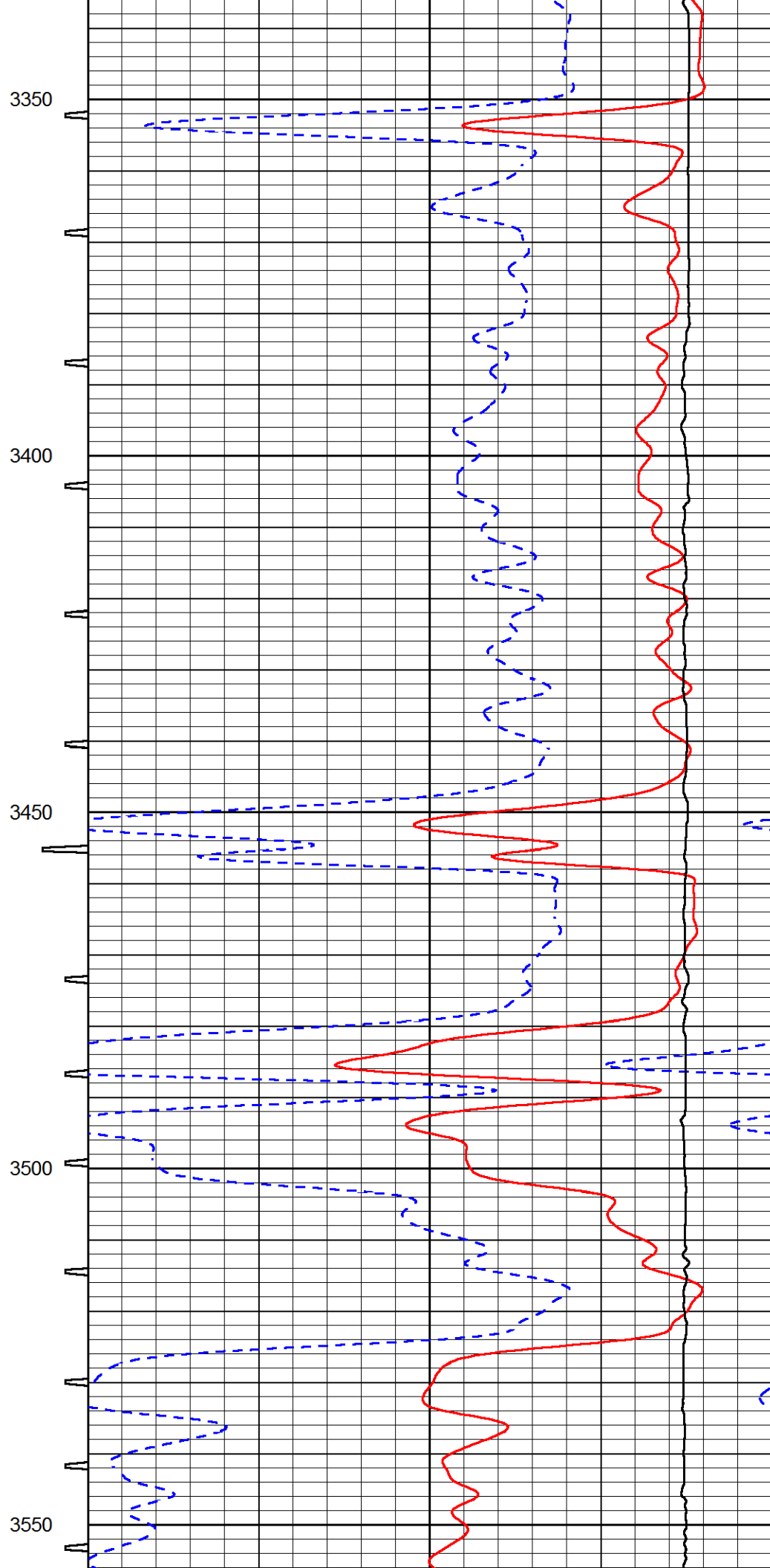
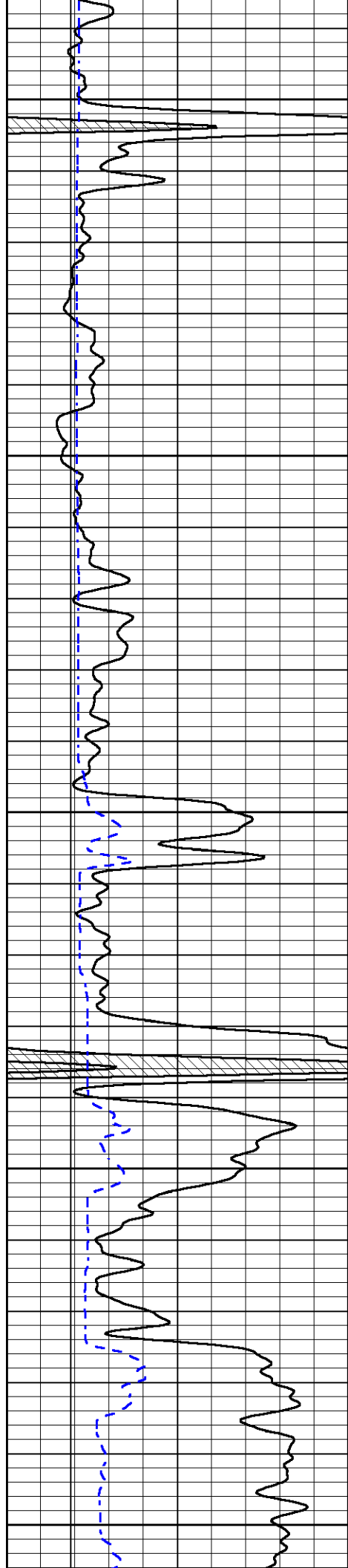


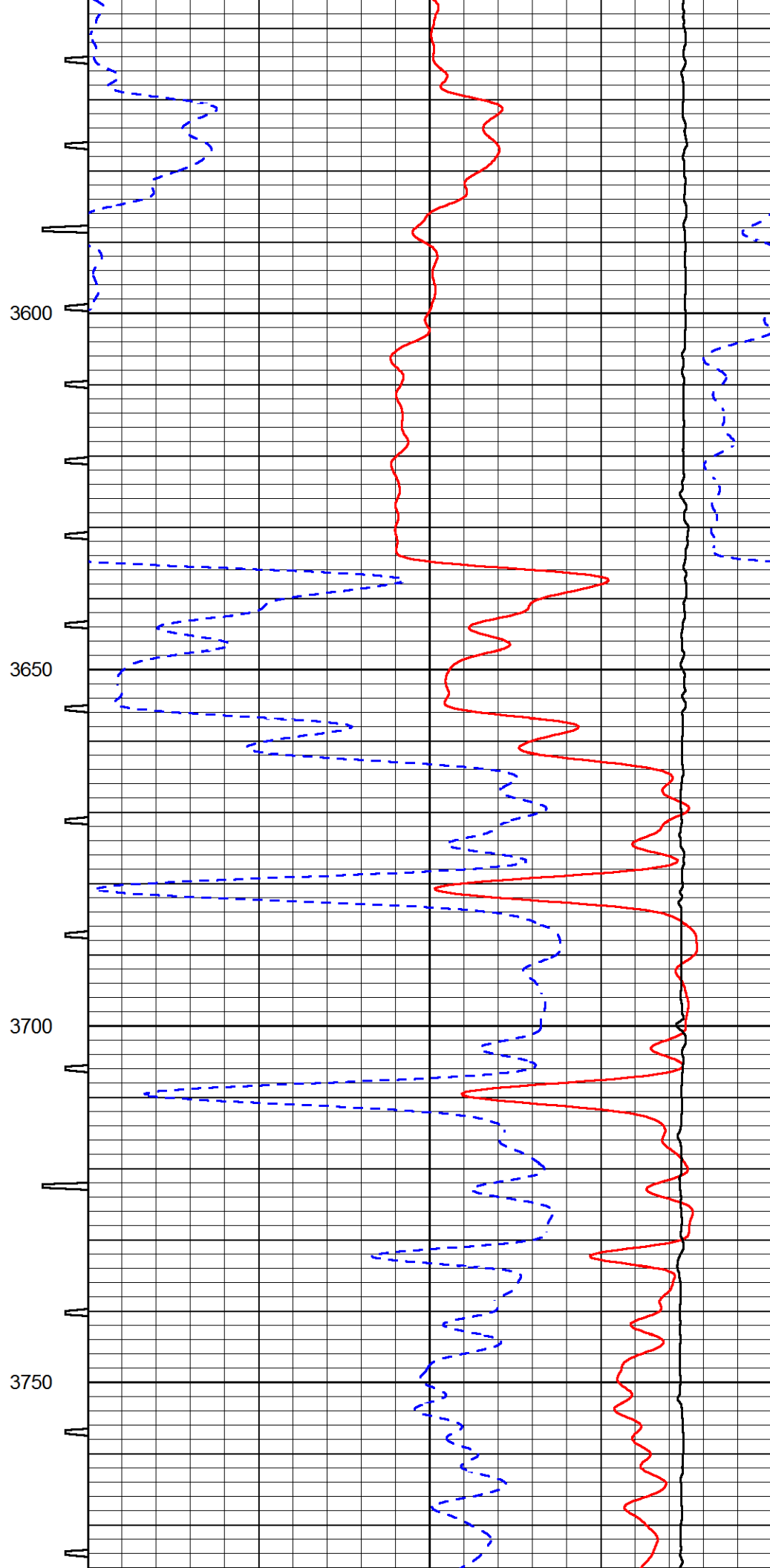
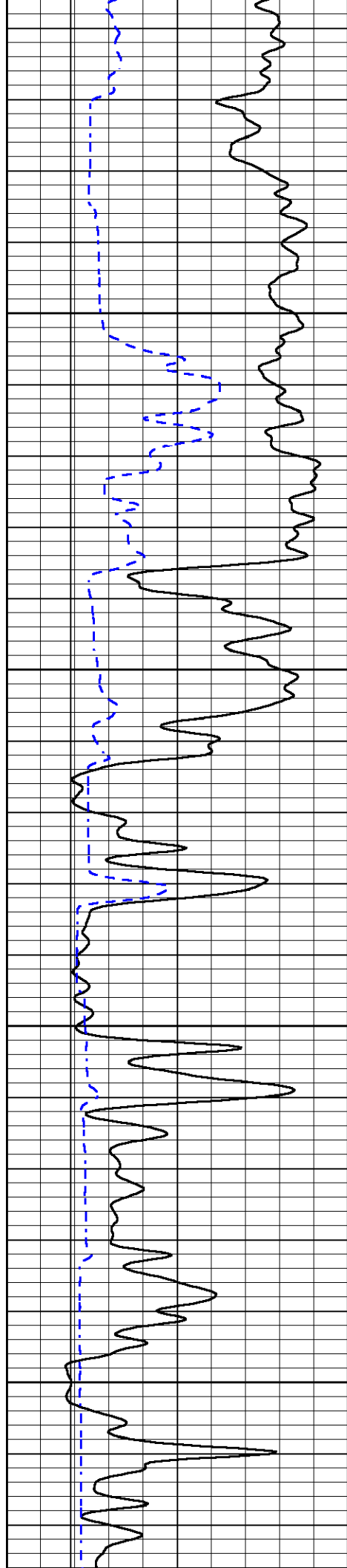


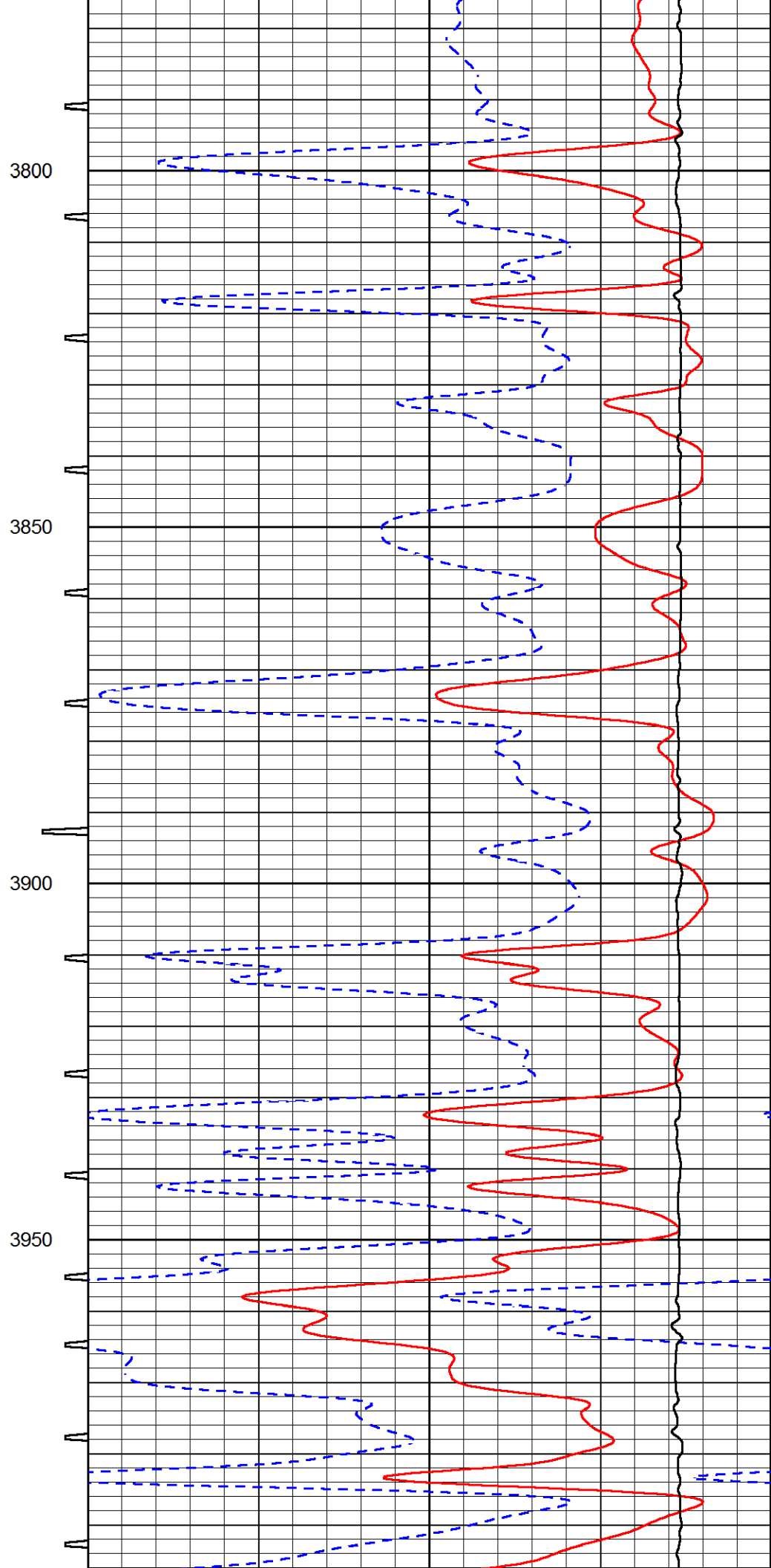
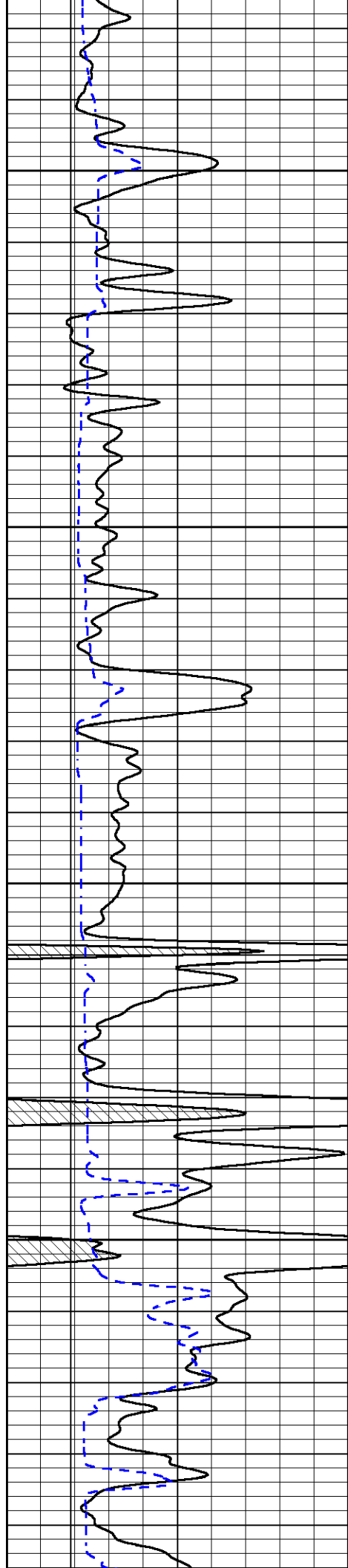


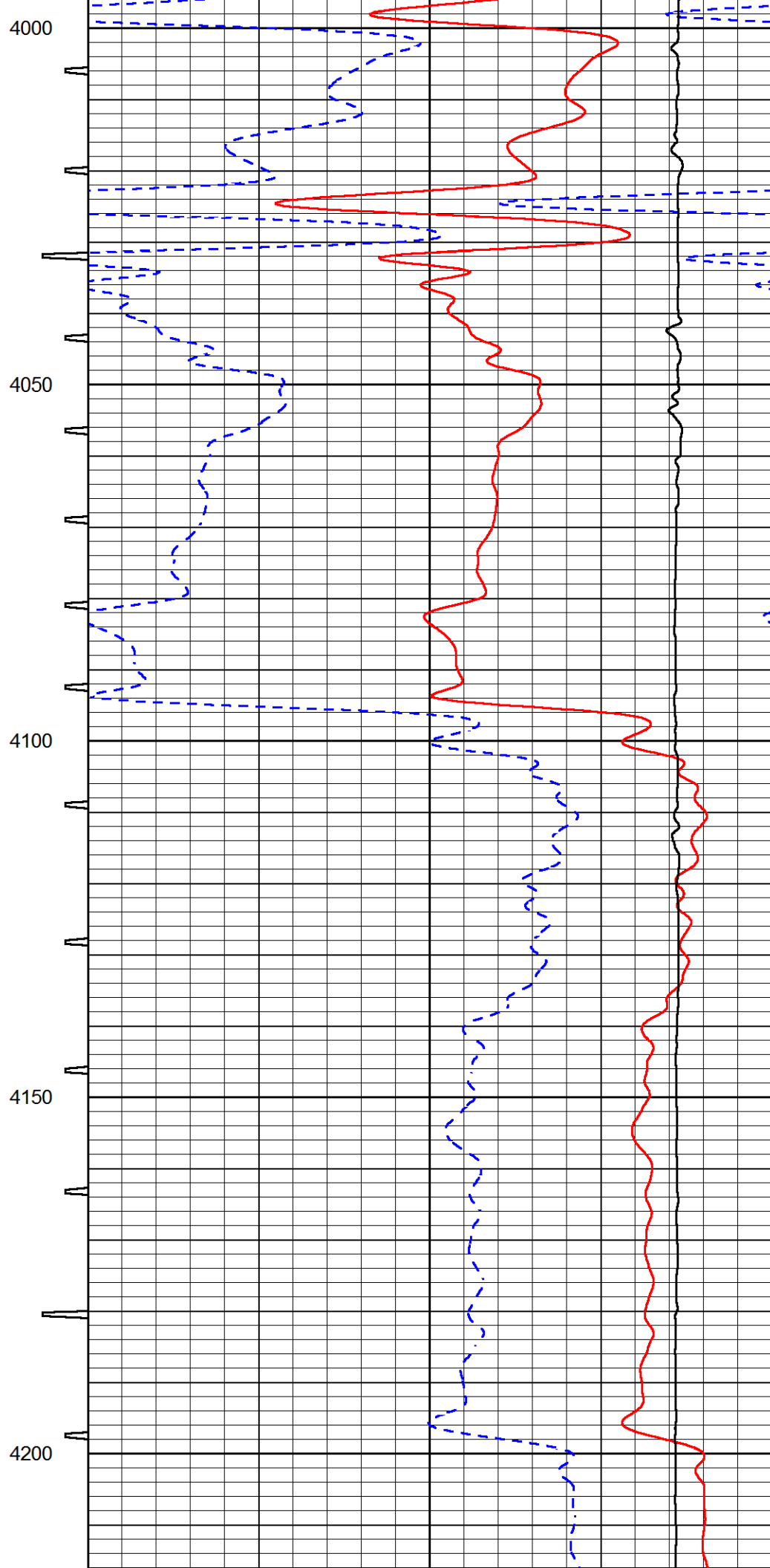
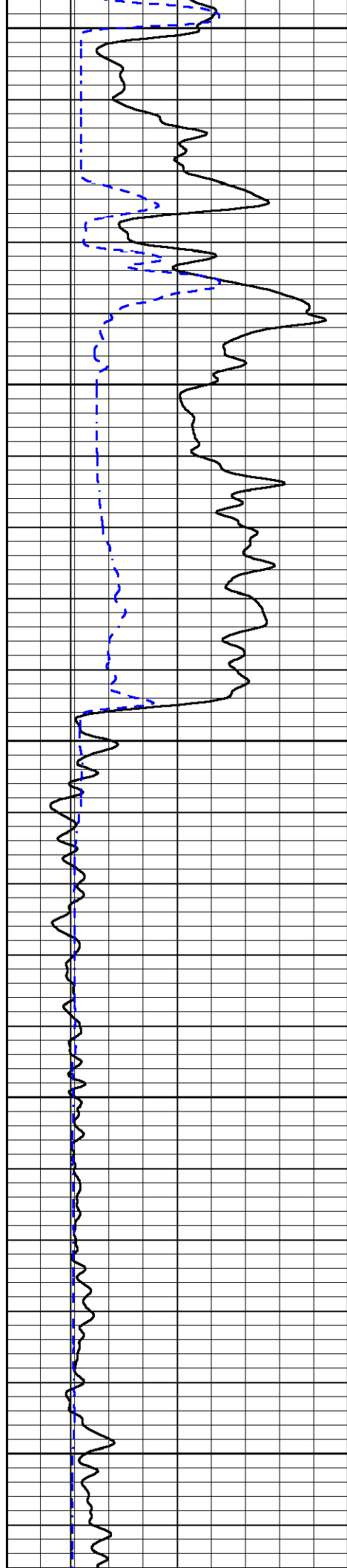


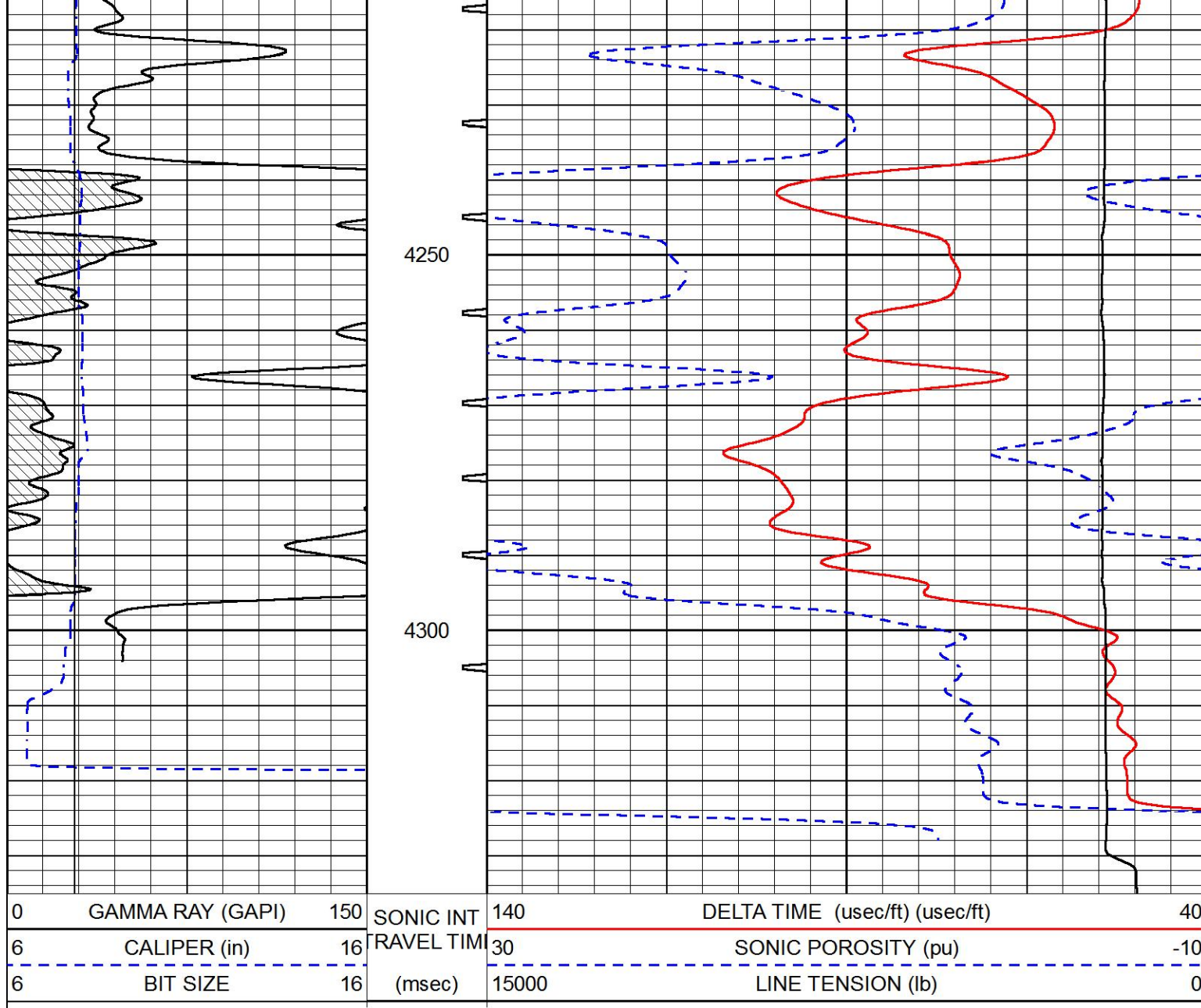












REPEAT SECTION

REPEAT PASS

Database File garner_petty_christie_unit_1.db
 Dataset Pathname stack/pass2.1
 Presentation Format sonic
 Dataset Creation Fri Jul 30 12:24:22 2021
 Charted by Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	SONIC INT	140	DELTA TIME (usec/ft) (usec/ft)	40
6	CALIPER (in)	16	TRAVEL TIME	30	SONIC POROSITY (pu)	-10
6	BIT SIZE	16	(msec)	15000	LINE TENSION (lb)	0

