

PIONEER

**BOREHOLE COMPENSATED
SONIC LOG**

Pioneer Energy Services

Company		SUEMAUR EXPLOR. & PROD., LLC	
Well	SCHROEDER #1		
Field	WILDCAT		
County	SHERIDAN		
State	KANSAS		

Location:	API # : 15-179-21414-00-00	Other Services
365' FSL AND 2246' FEL		CNL/CDL MEL/DIL
Permanent Datum	GROUND LEVEL	Elevation 2728'
Log Measured From	KELLY BUSHING	K.B. 2733'
Drilling Measured From	KELLY BUSHING	D.F. N/A
		G.L. 2728'

SEC 26	TWP 6S	RGE 28W
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County	SHERIDAN	State	KANSAS
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Date	12-17-2015			
Run Number	TWO			
Type Log	BHCS			
Depth Driller	4475'			
Depth Logger	4476'			
Bottom Logged Interval	4465'			
Top Logged Interval	300'			
Type Fluid In Hole	CHEMICAL			
Salinity, PPM CL	900			
Density	9.5			
Level	FULL			
Max. Rec. Temp. F	121			
Operating Rig Time	6 HOURS			
Equipment -- Location	91 Hays			
Recorded By	M. HISS		D. SCHMIDT	
Witnessed By	BOB PETERSEN			

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
ONE	12.25	00	346	8.625	23#	00	346
TWO	7.875	346	TD				

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

NORTH AT HWY 24 & 23 JCT, 9.5 MILES NORTH TO RD 100,
EAST 1.6 MILES,
NORTH INTO

Log Measured From: KELLY BUSHING

5' Ft. Above Permanent Datum

THANK YOU FOR USING PIONEER ENERGY SERVICES

www.pioneerenergy.com785-625-3858

Your Pioneer Energy Services Crew

Engineer: M. HISS

Operator: D. SCHMIDT

Operator:

Operator:

This Log Record Was Witnessed By

Primary Witness: BOB PETERSEN

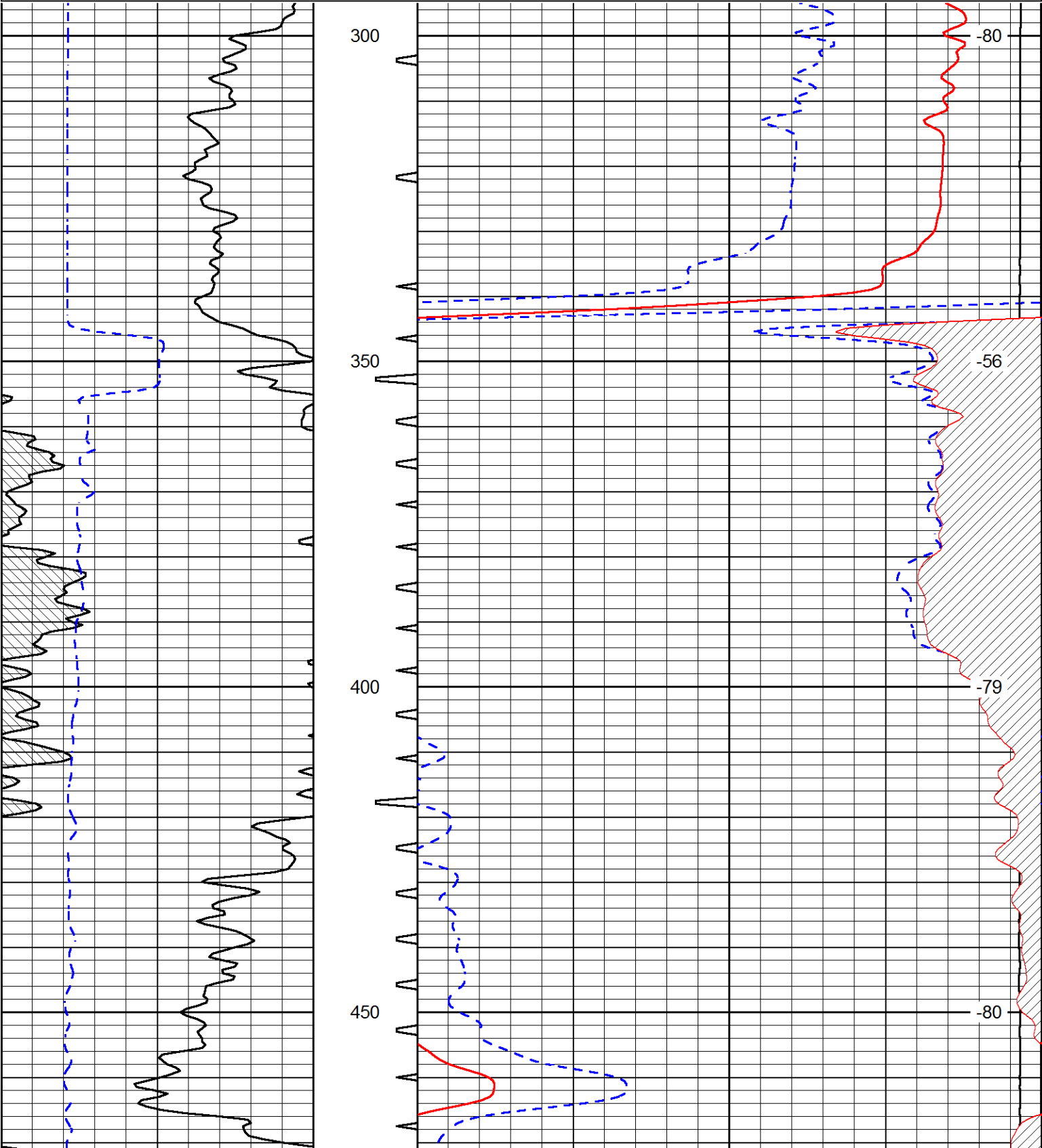
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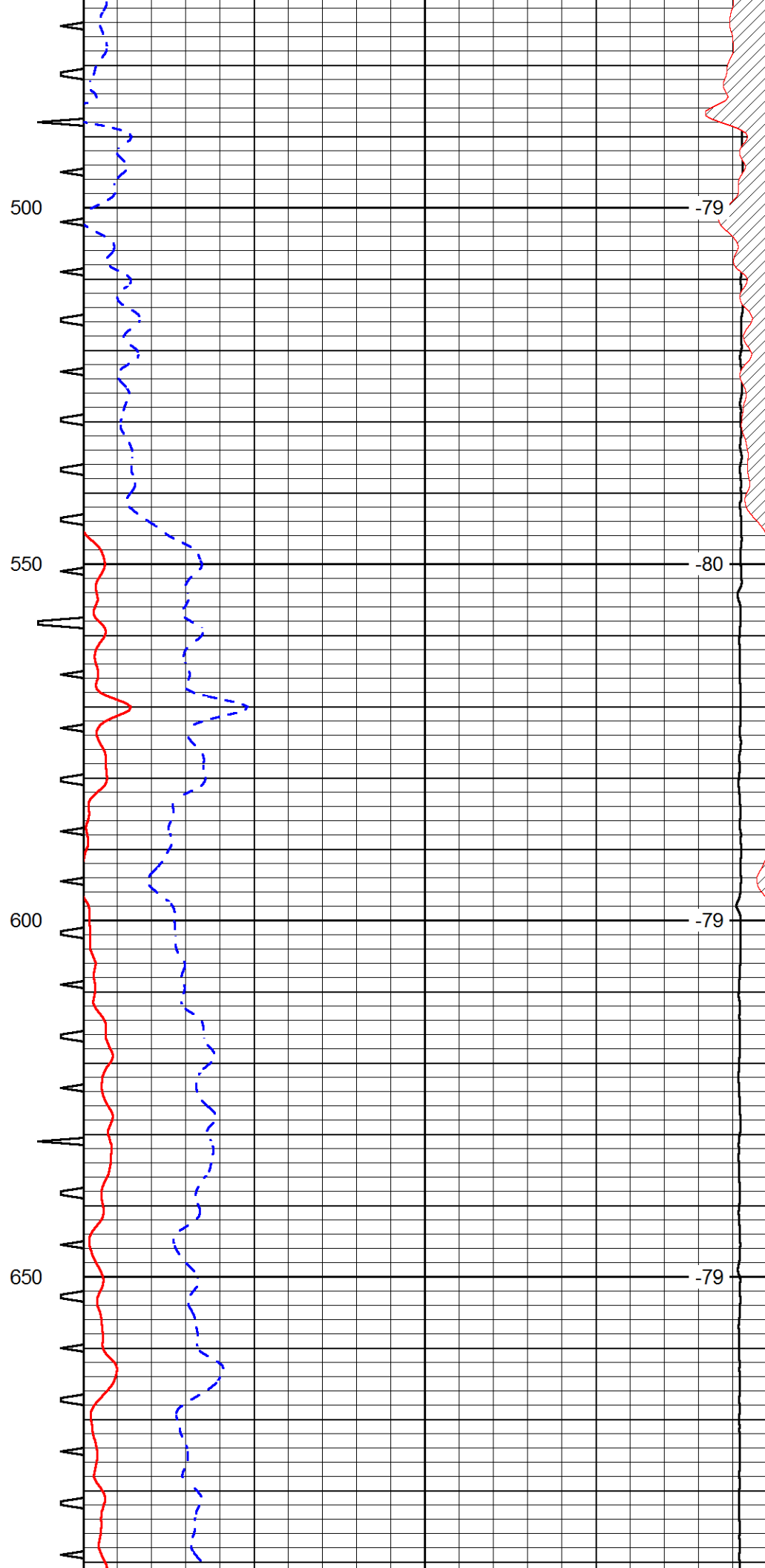
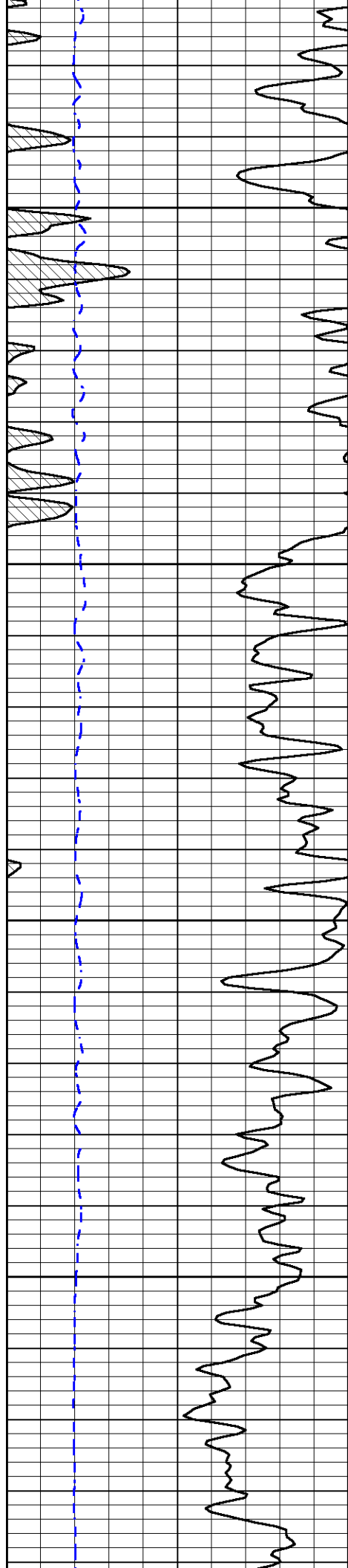
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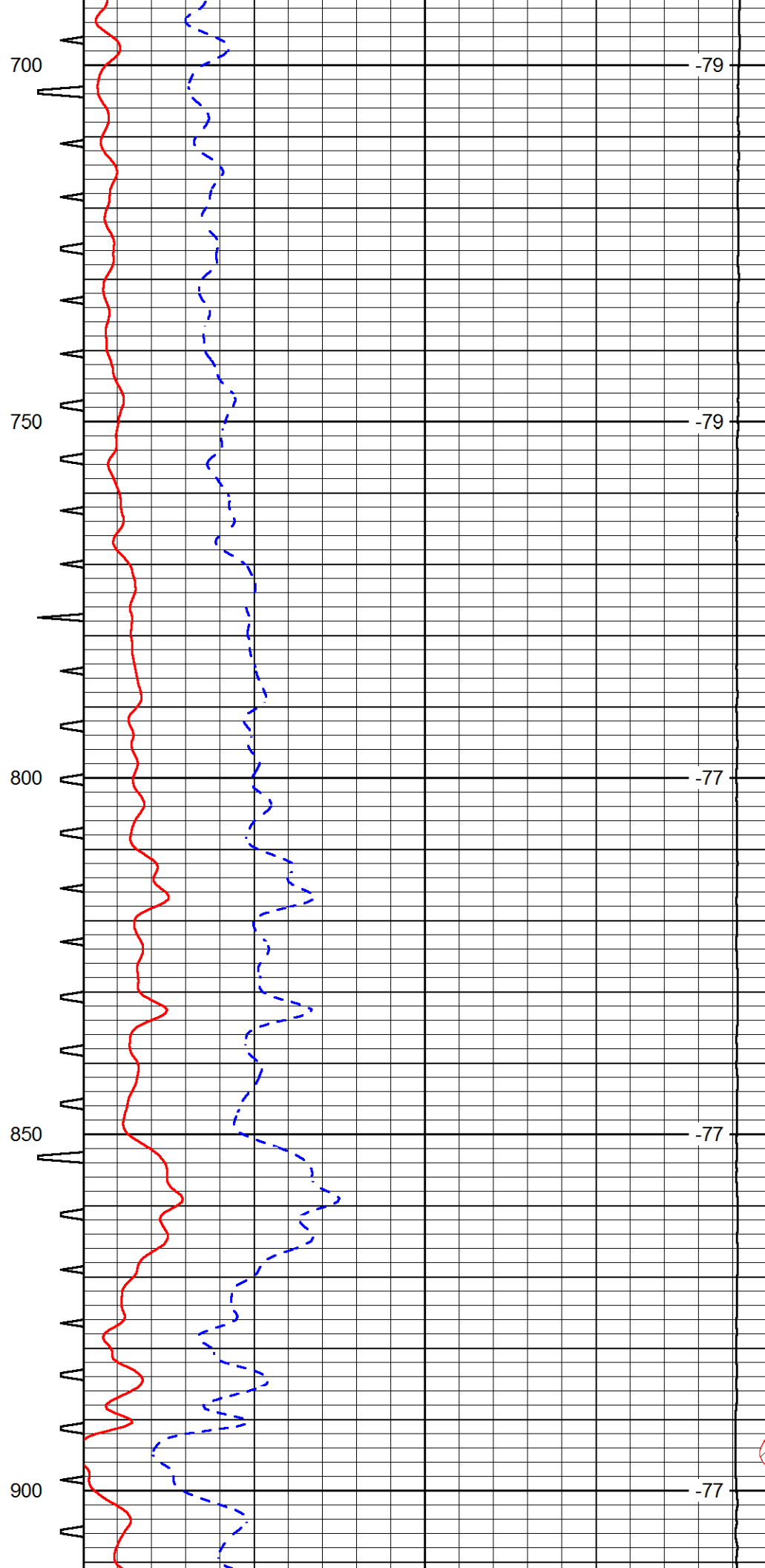
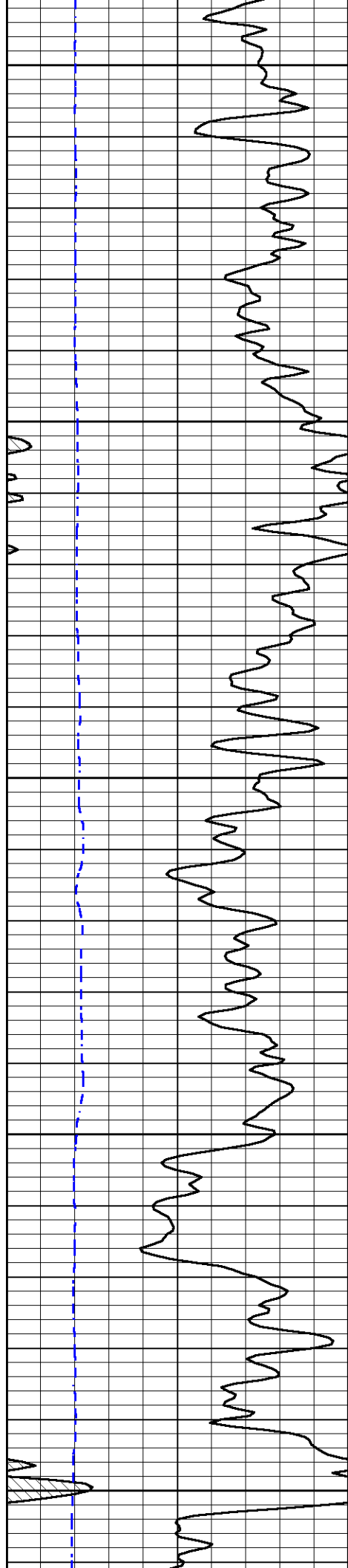
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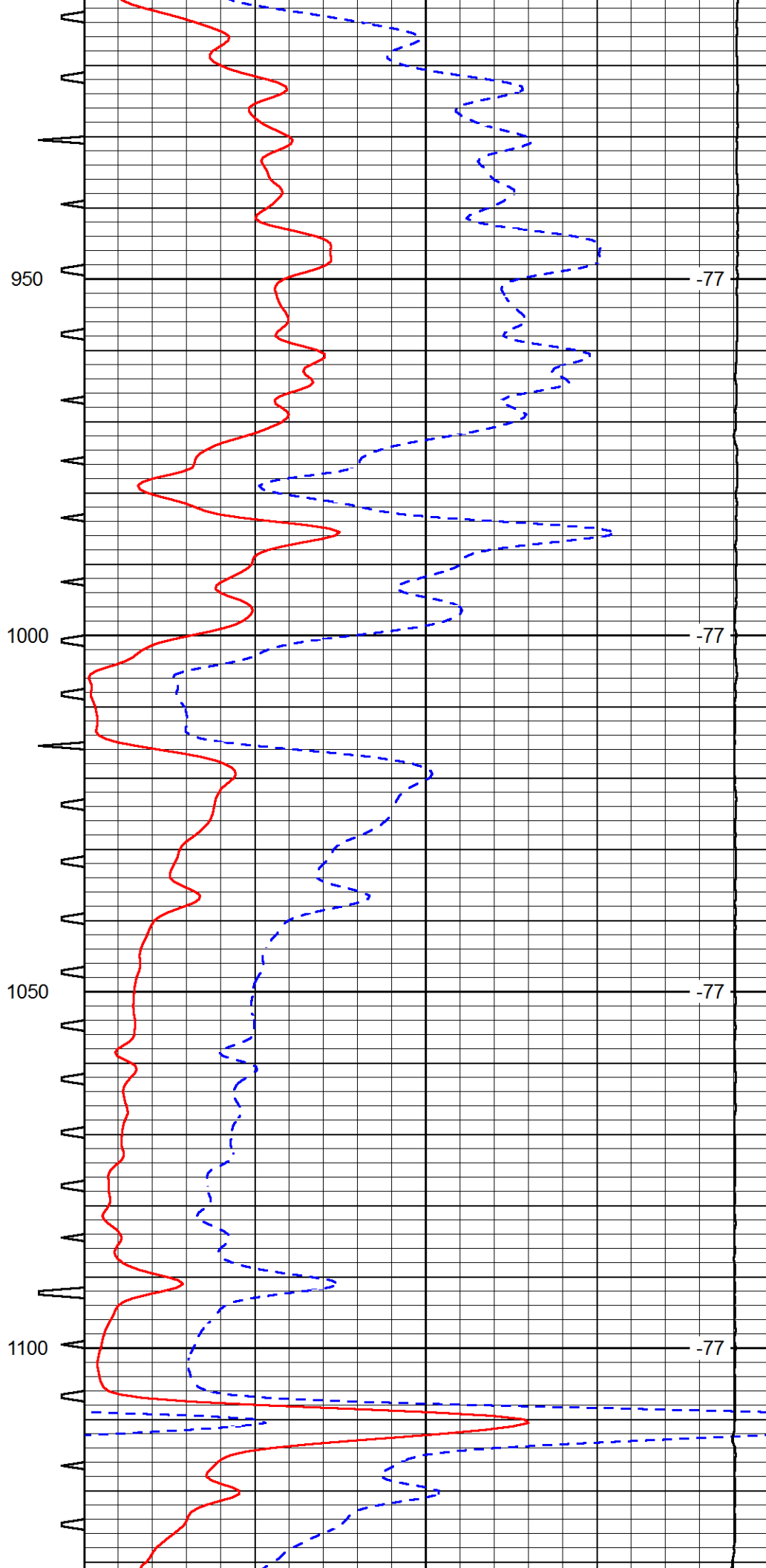
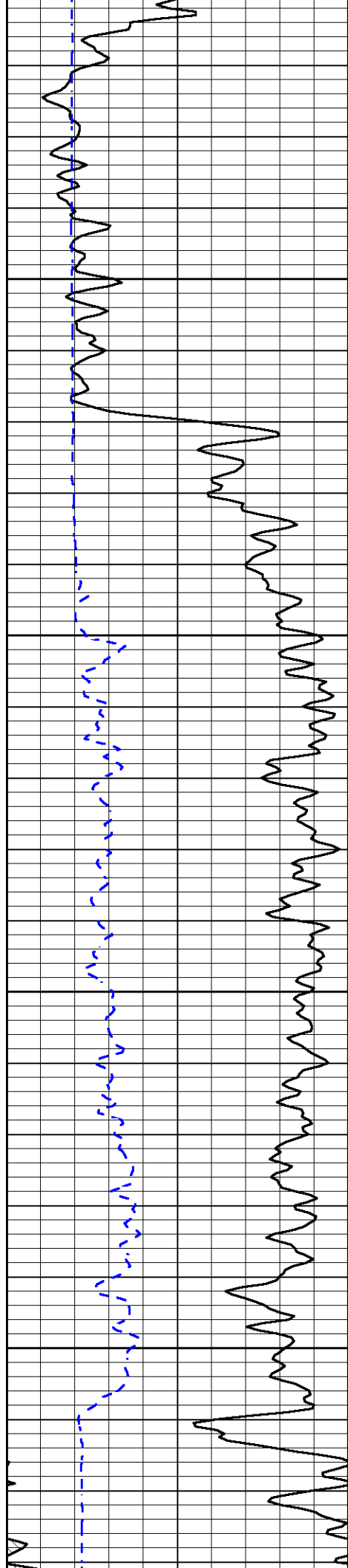
Database File	suemaur_schroeder_1hd.db
Dataset Pathname	dil/sustack
Presentation Format	sonic
Dataset Creation	Thu Dec 17 22:19:17 2015
Charted by	Depth in Feet scaled 1:240

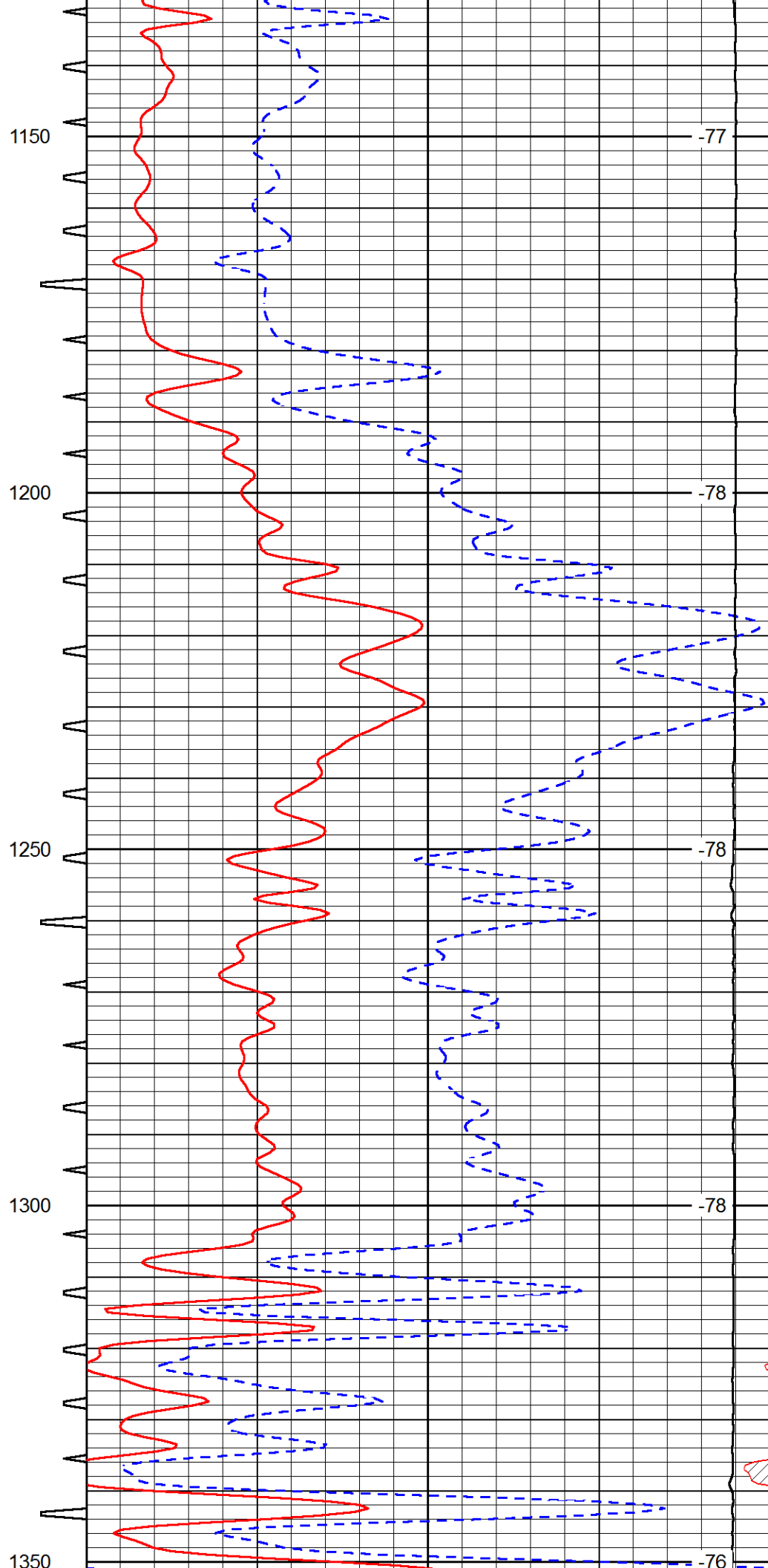
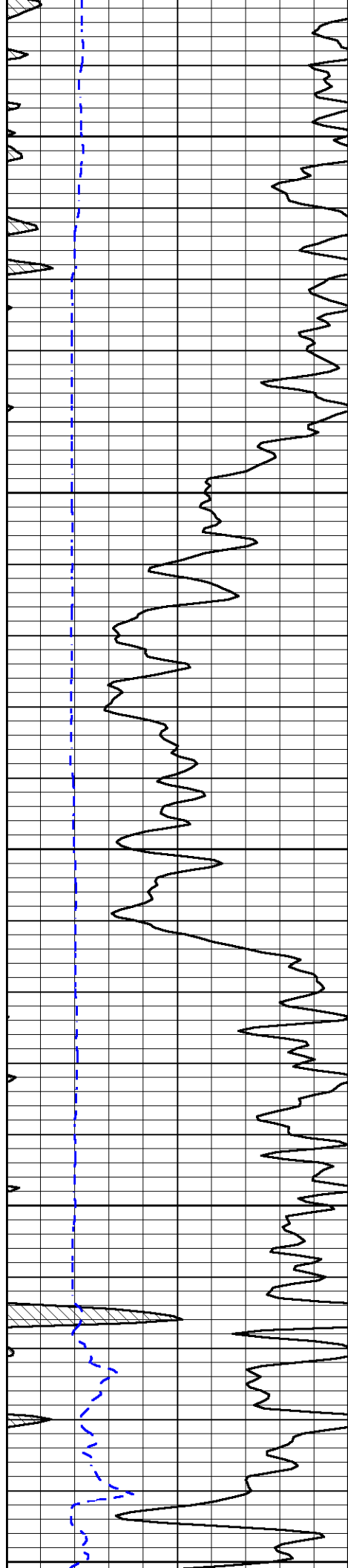
0	Gamma Ray (GAPI)	150	Sonic Int	140	Delta Time (usec/ft) (usec/ft)	40
150	Gamma Ray (GAPI)	300	5 (msec) 0	30	Sonic Porosity (pu)	-10
6	dCAL (in)	16		15000	LTEN (lb) (lb)	0
						LSPD (ft/min)

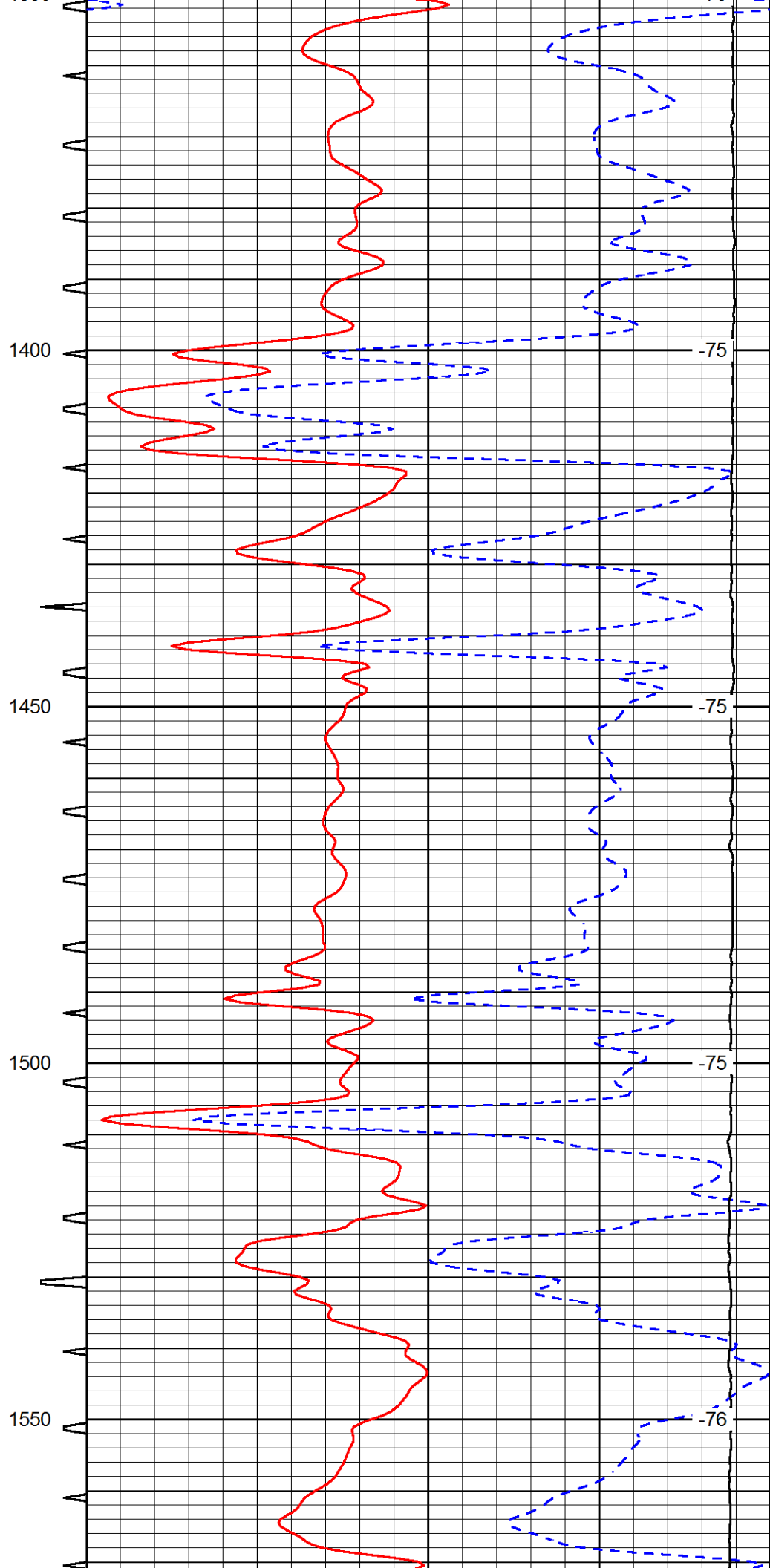
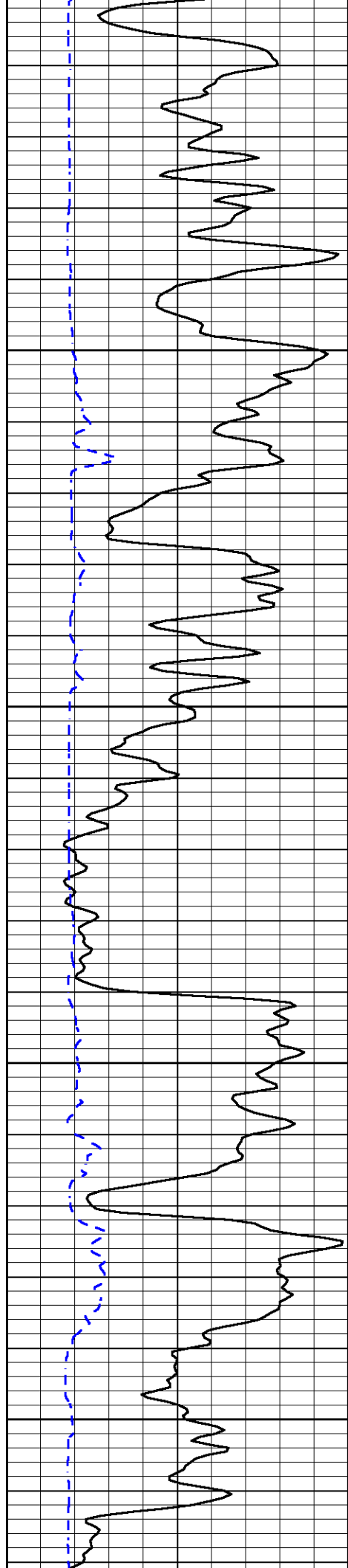


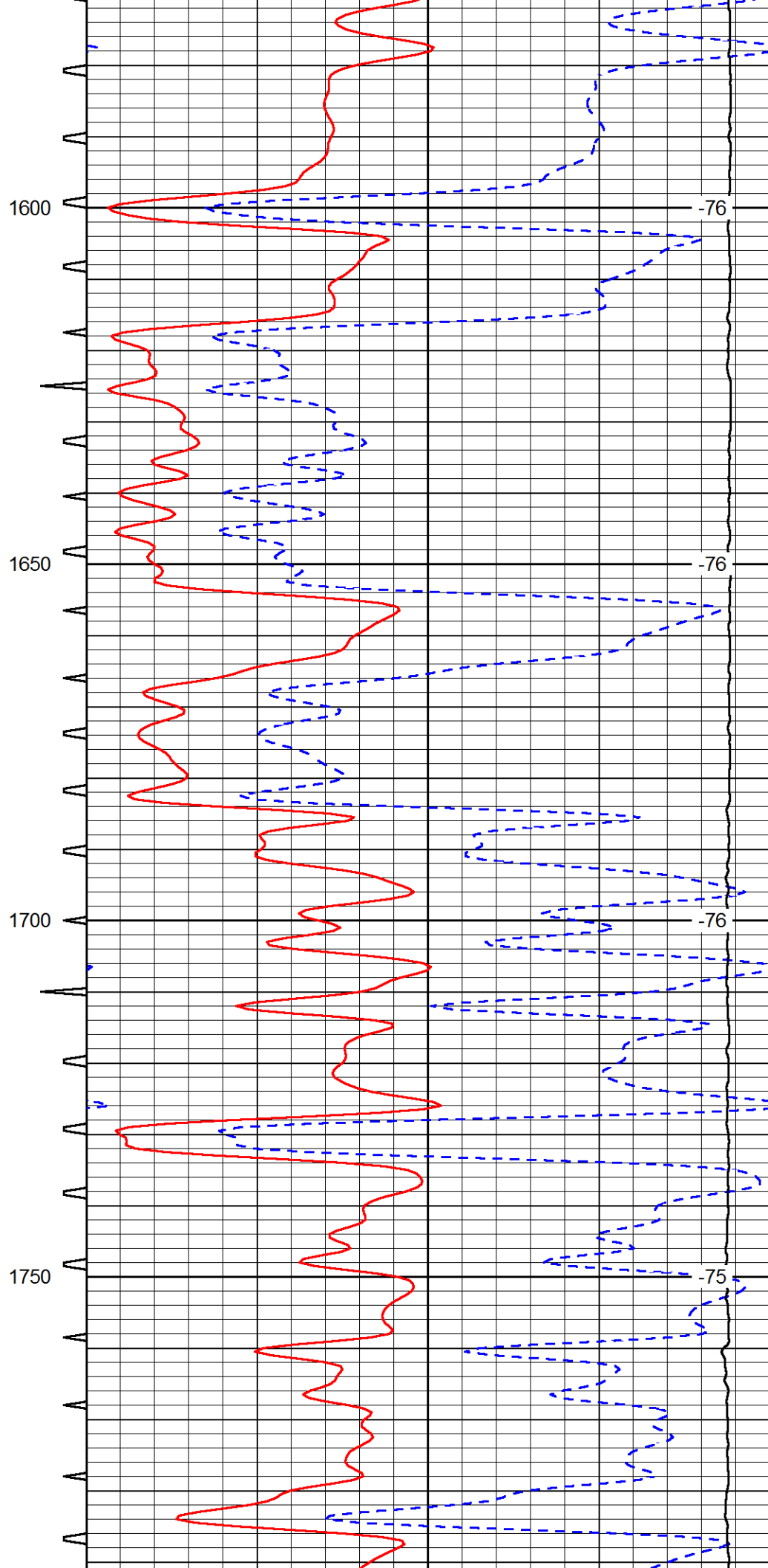
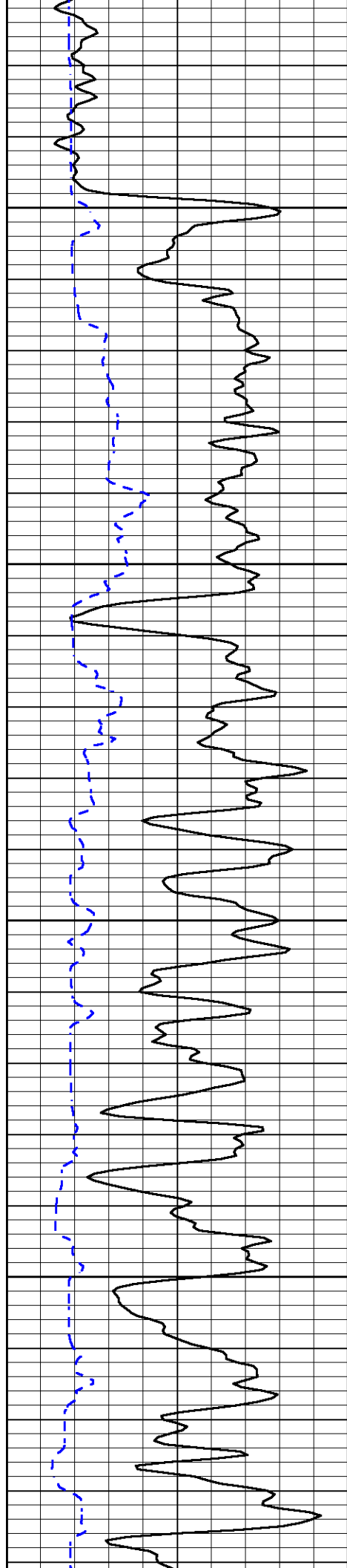


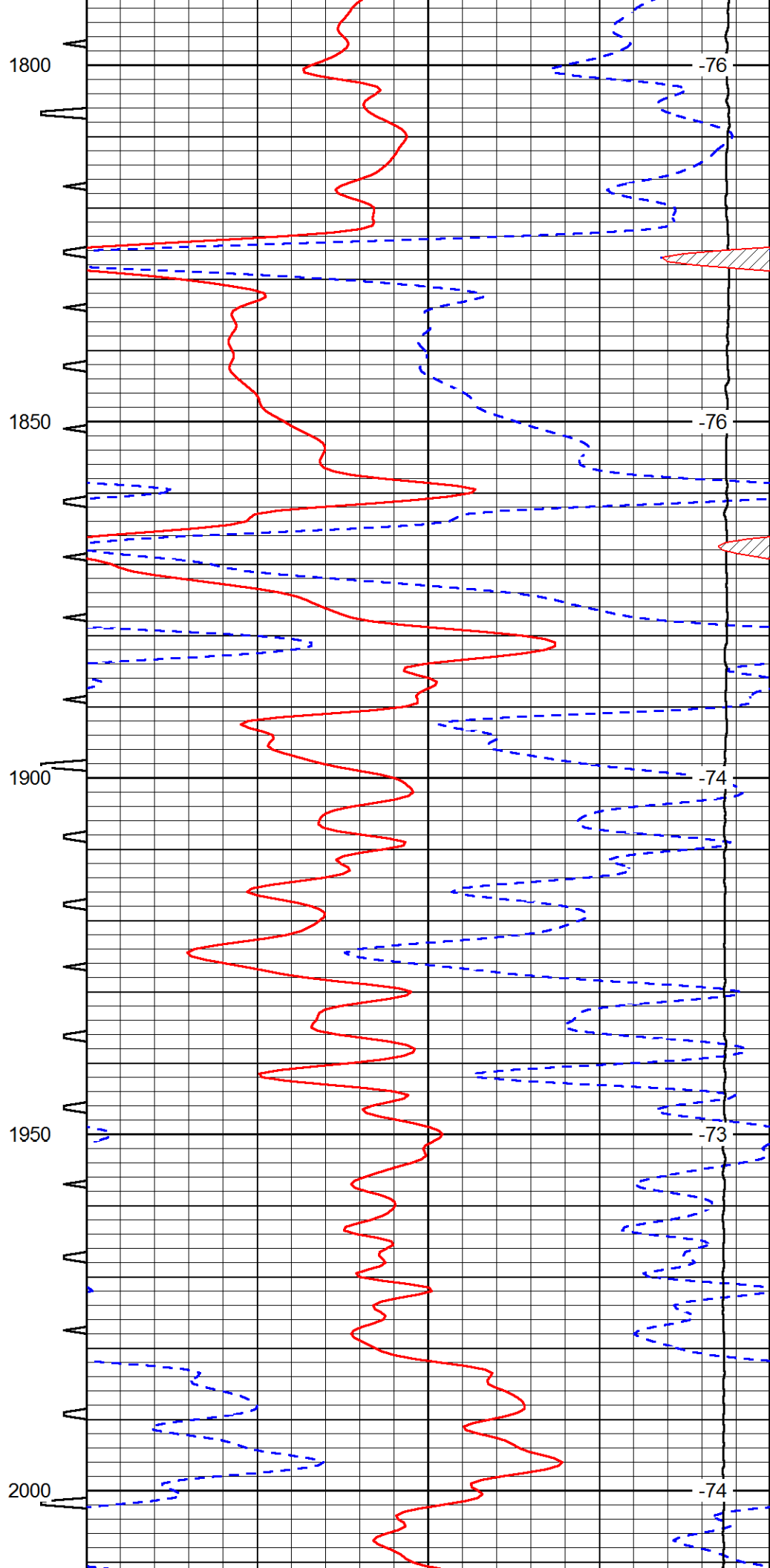
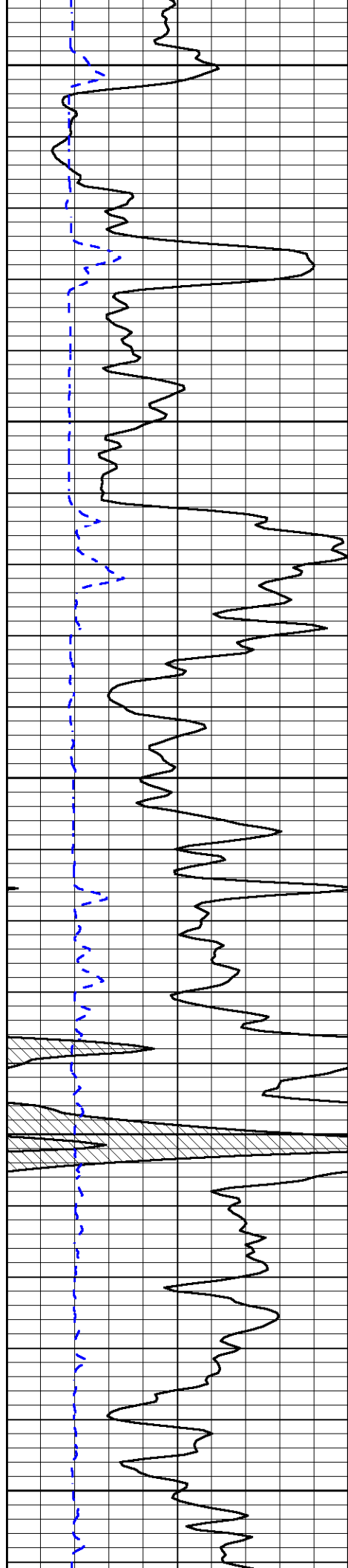


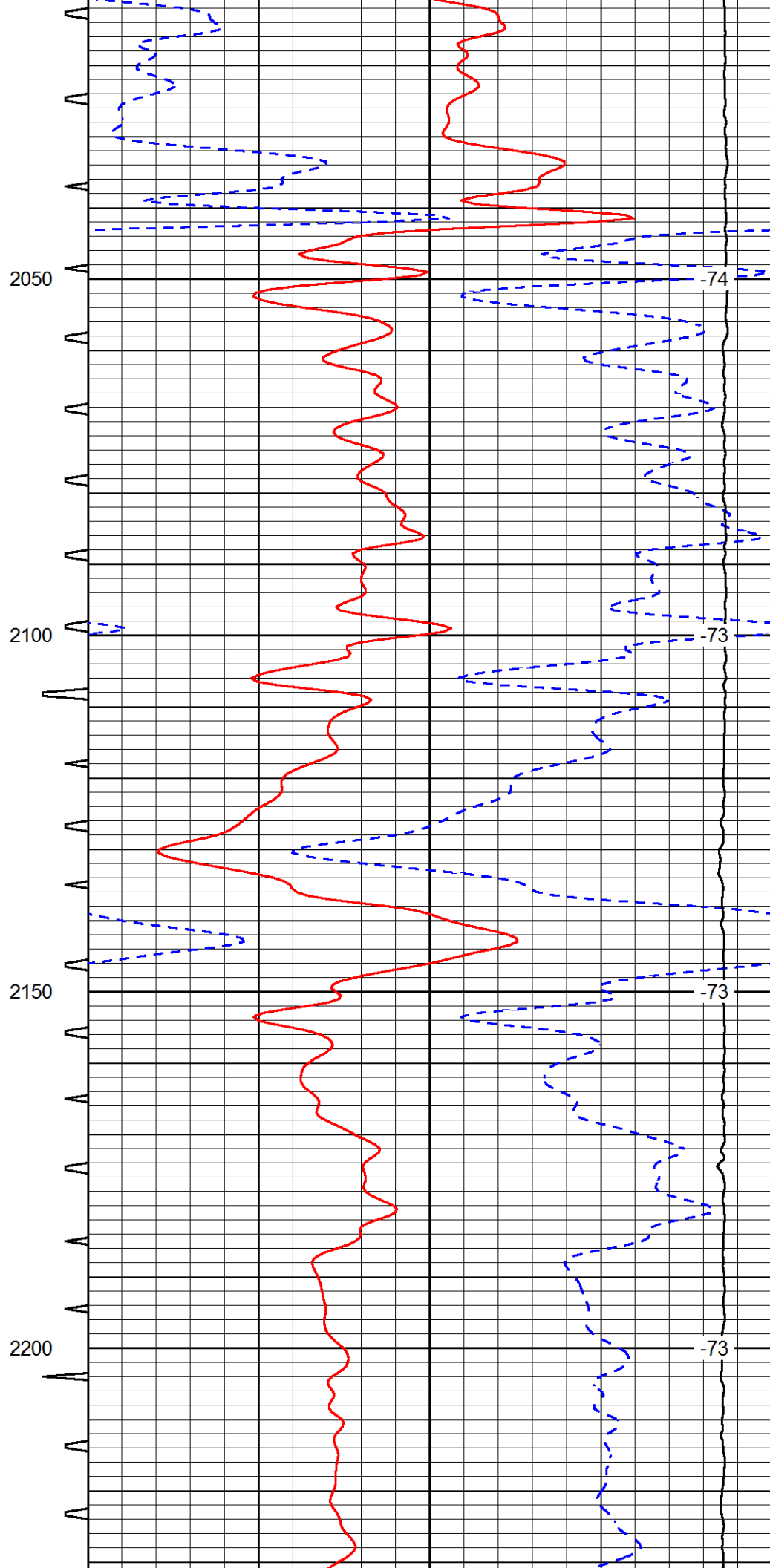
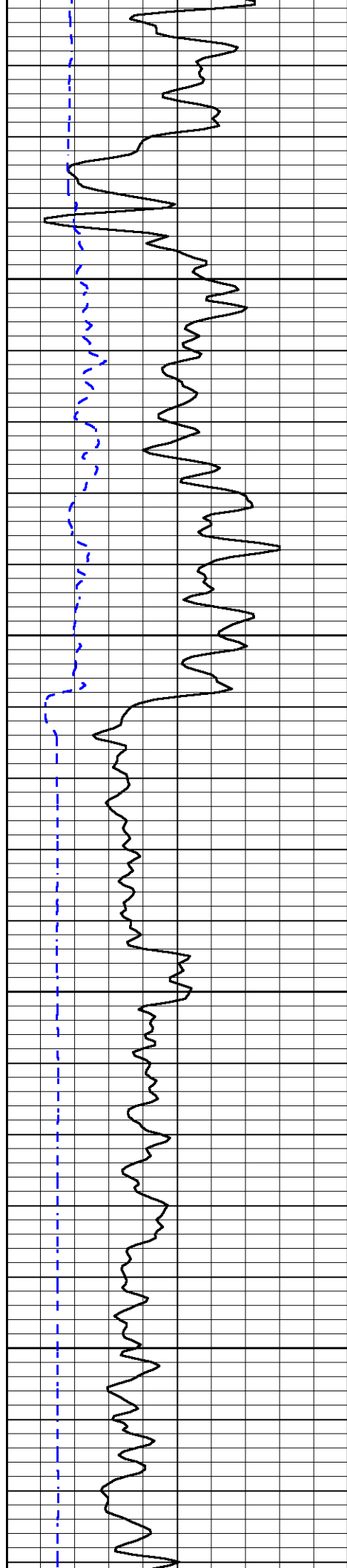


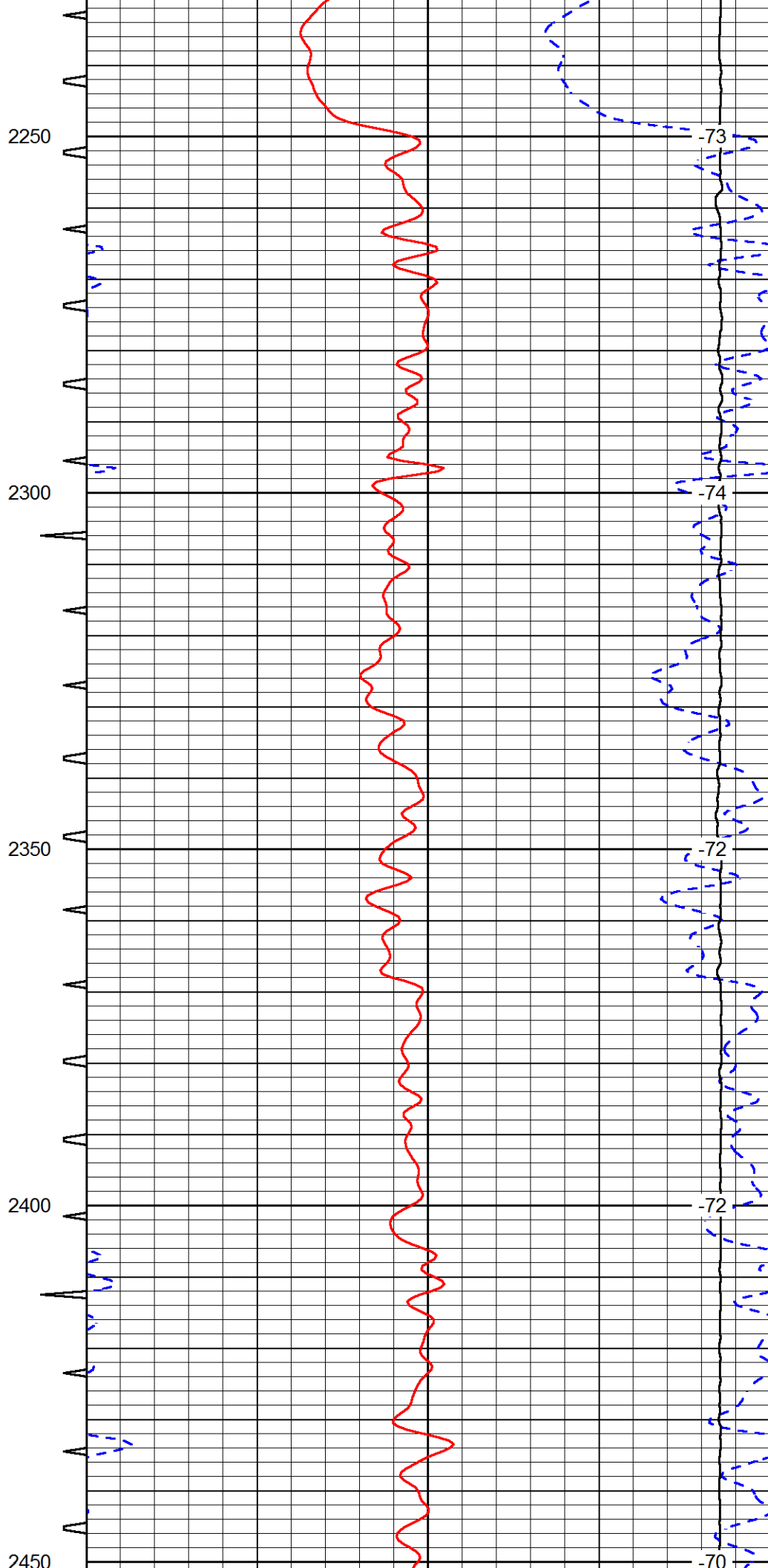
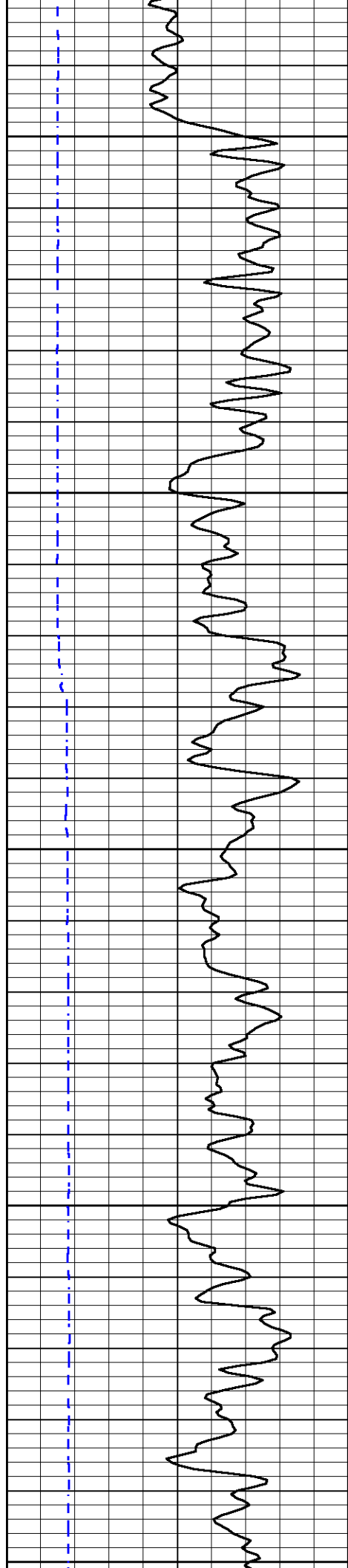


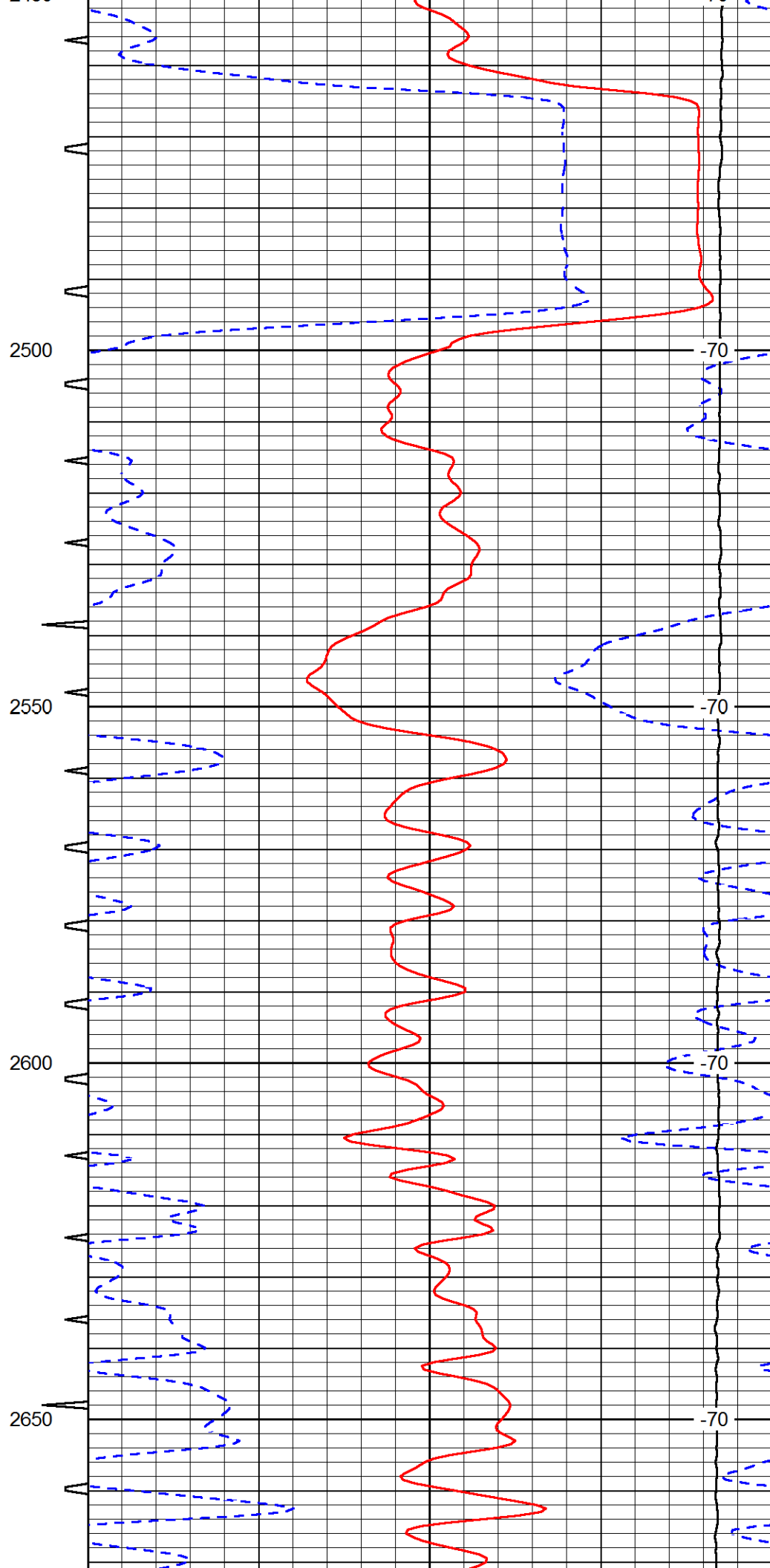
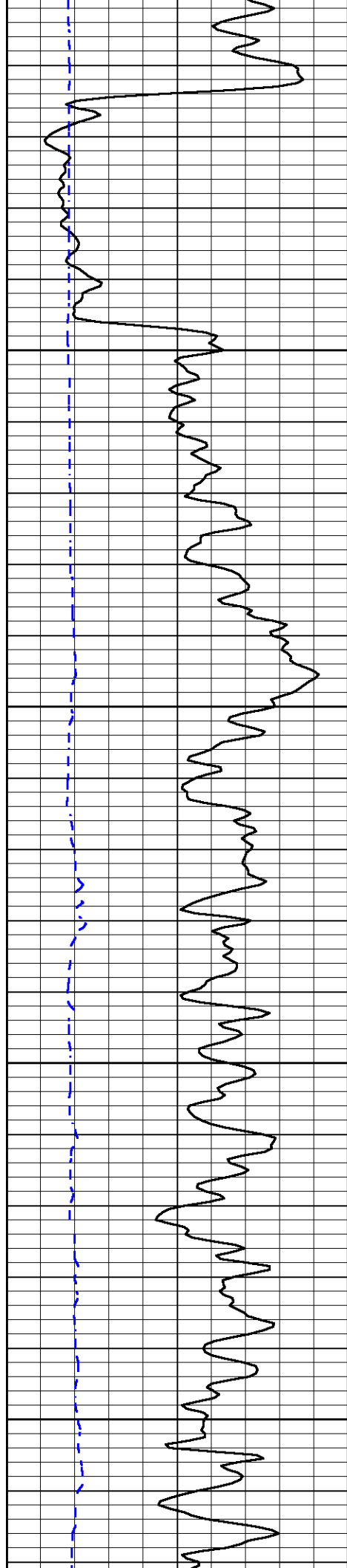


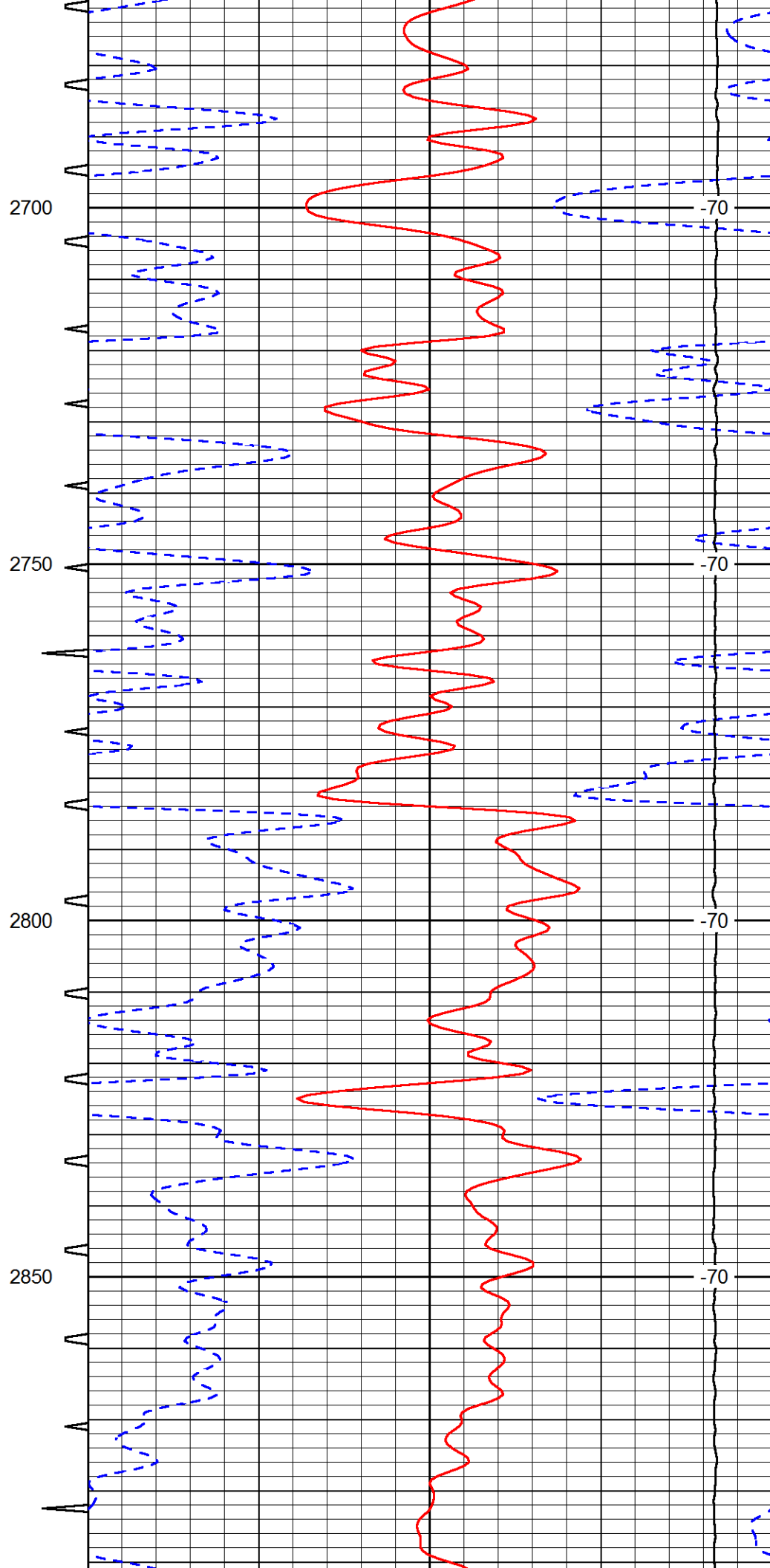
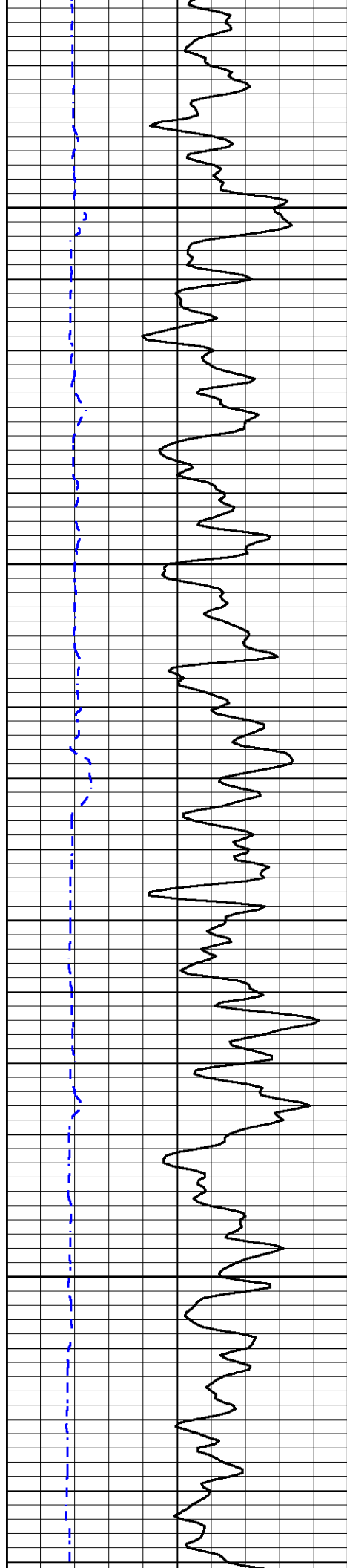


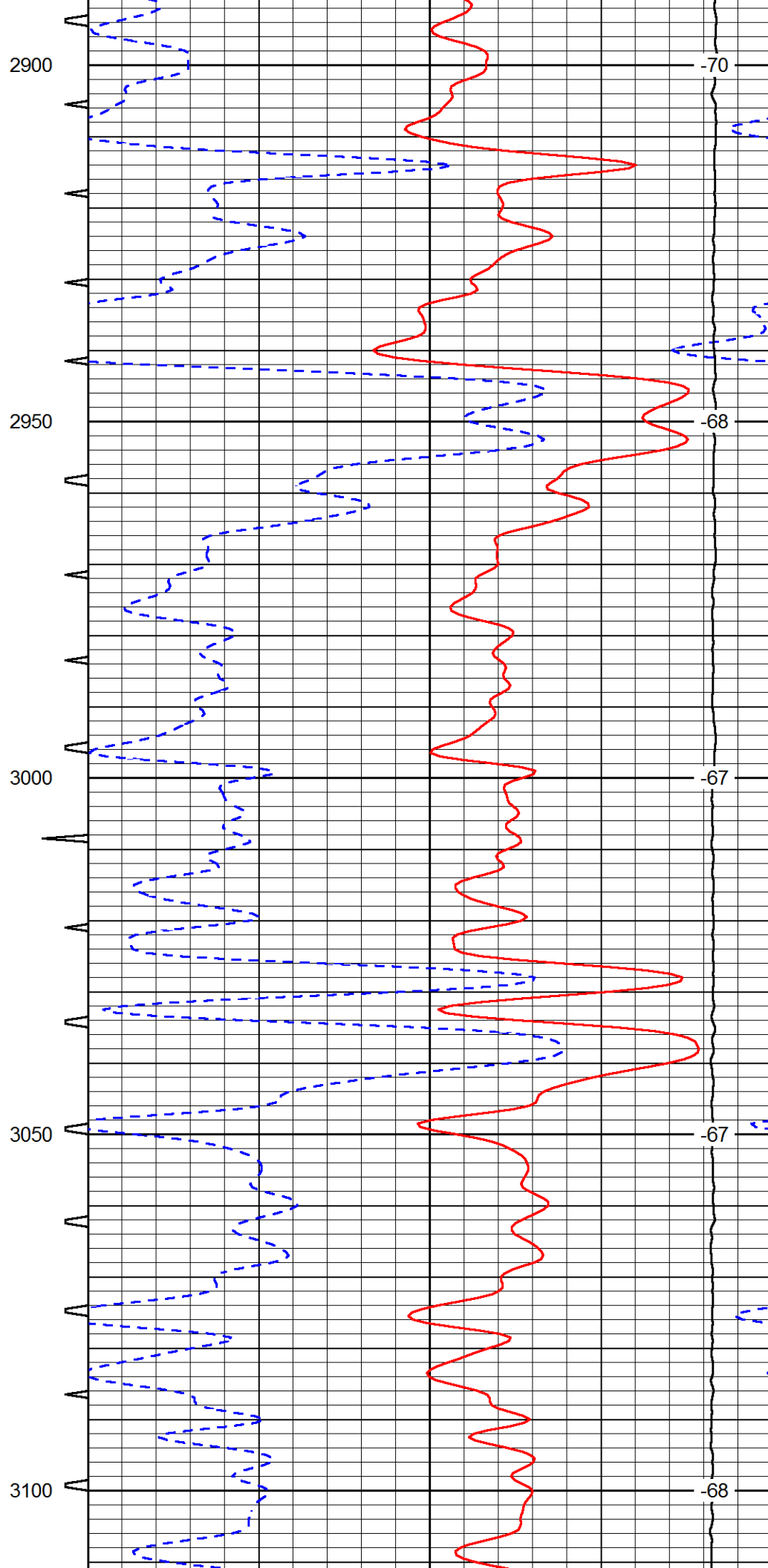
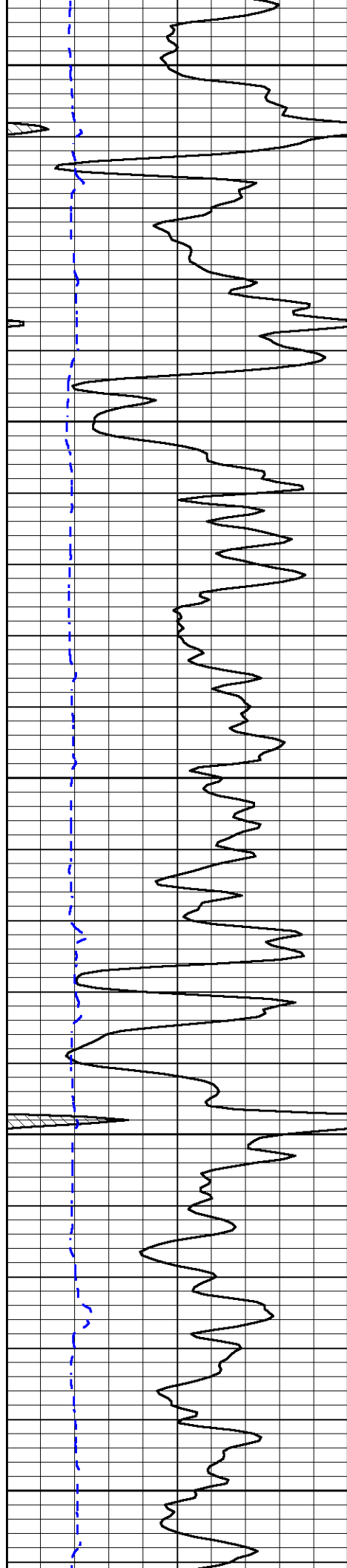


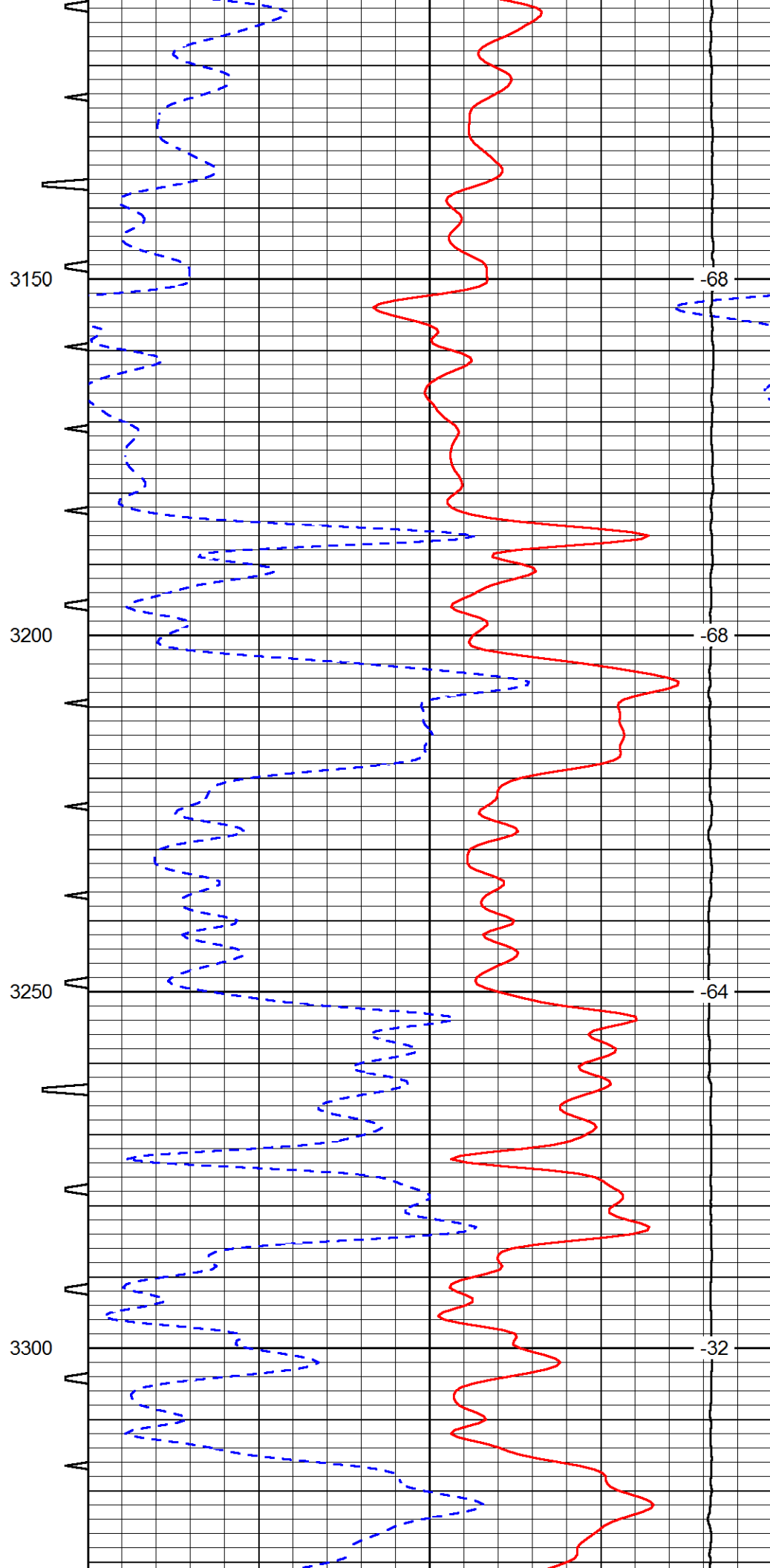
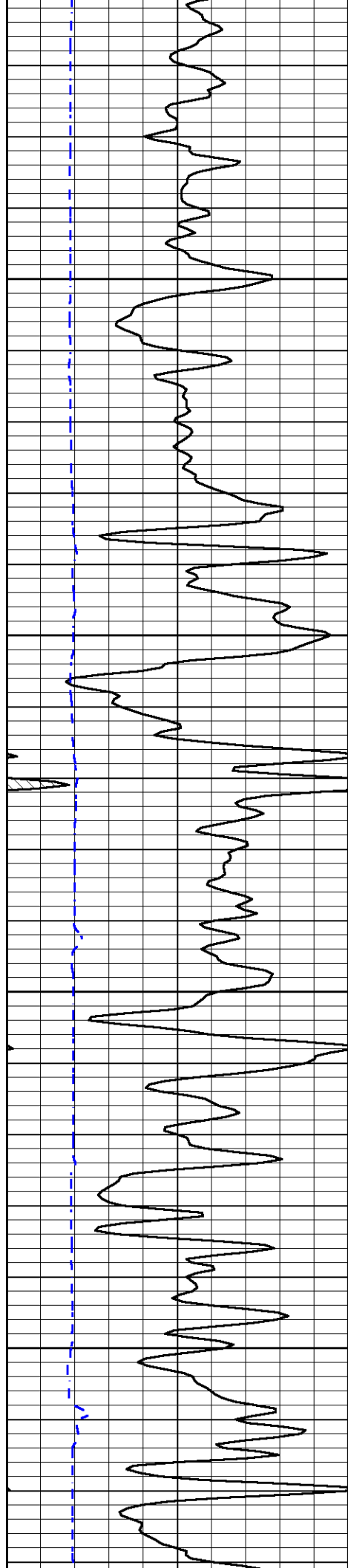


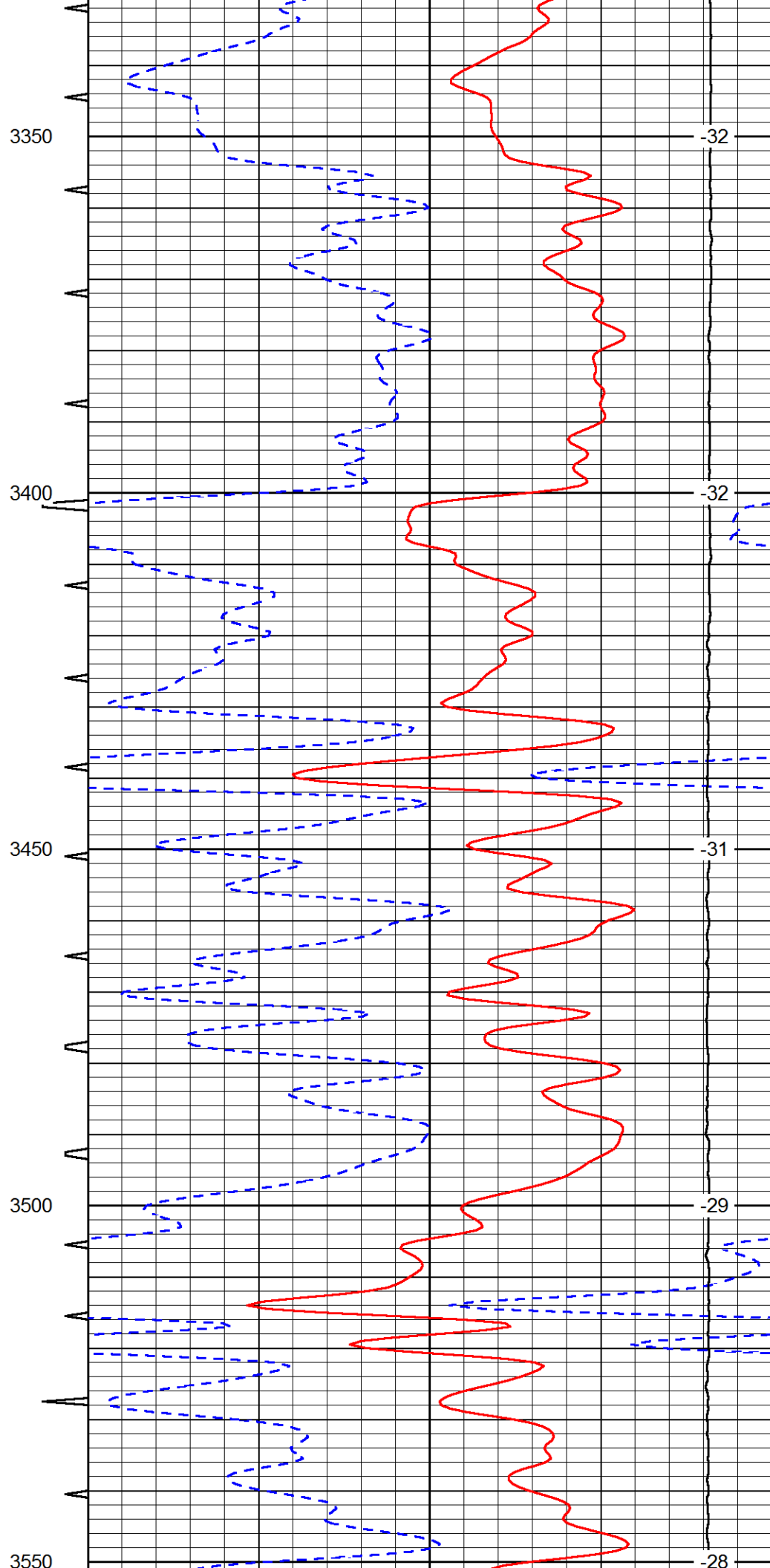
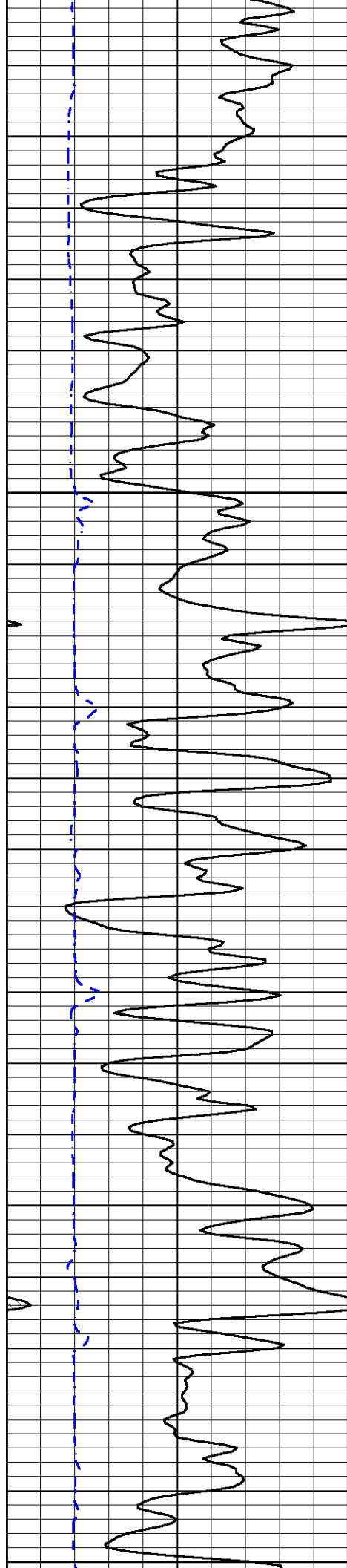


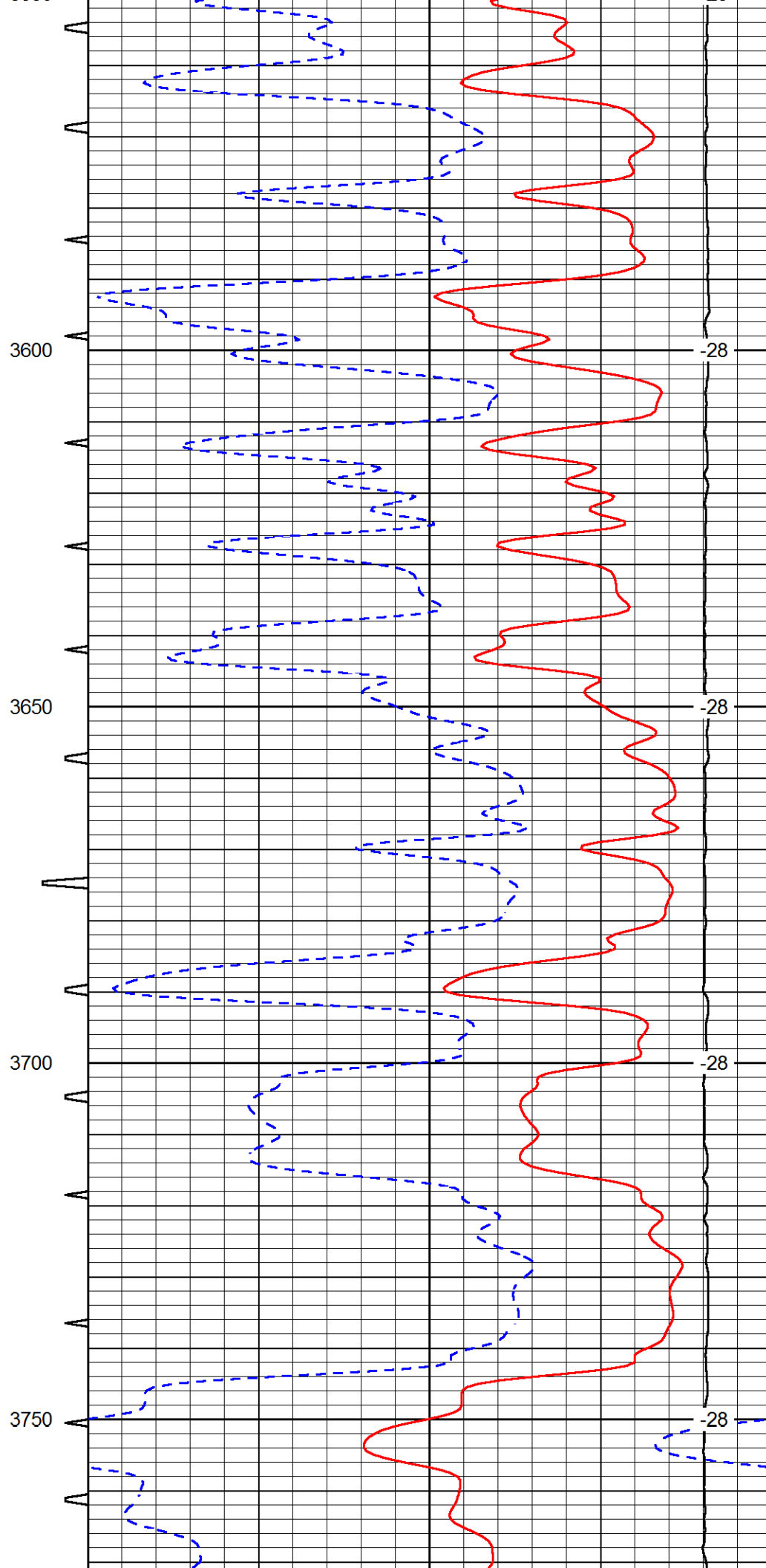
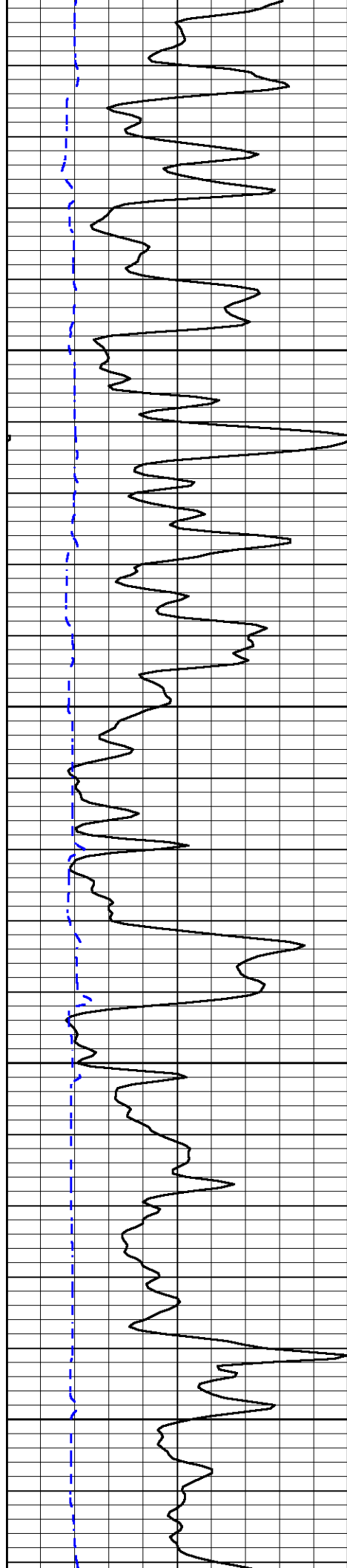


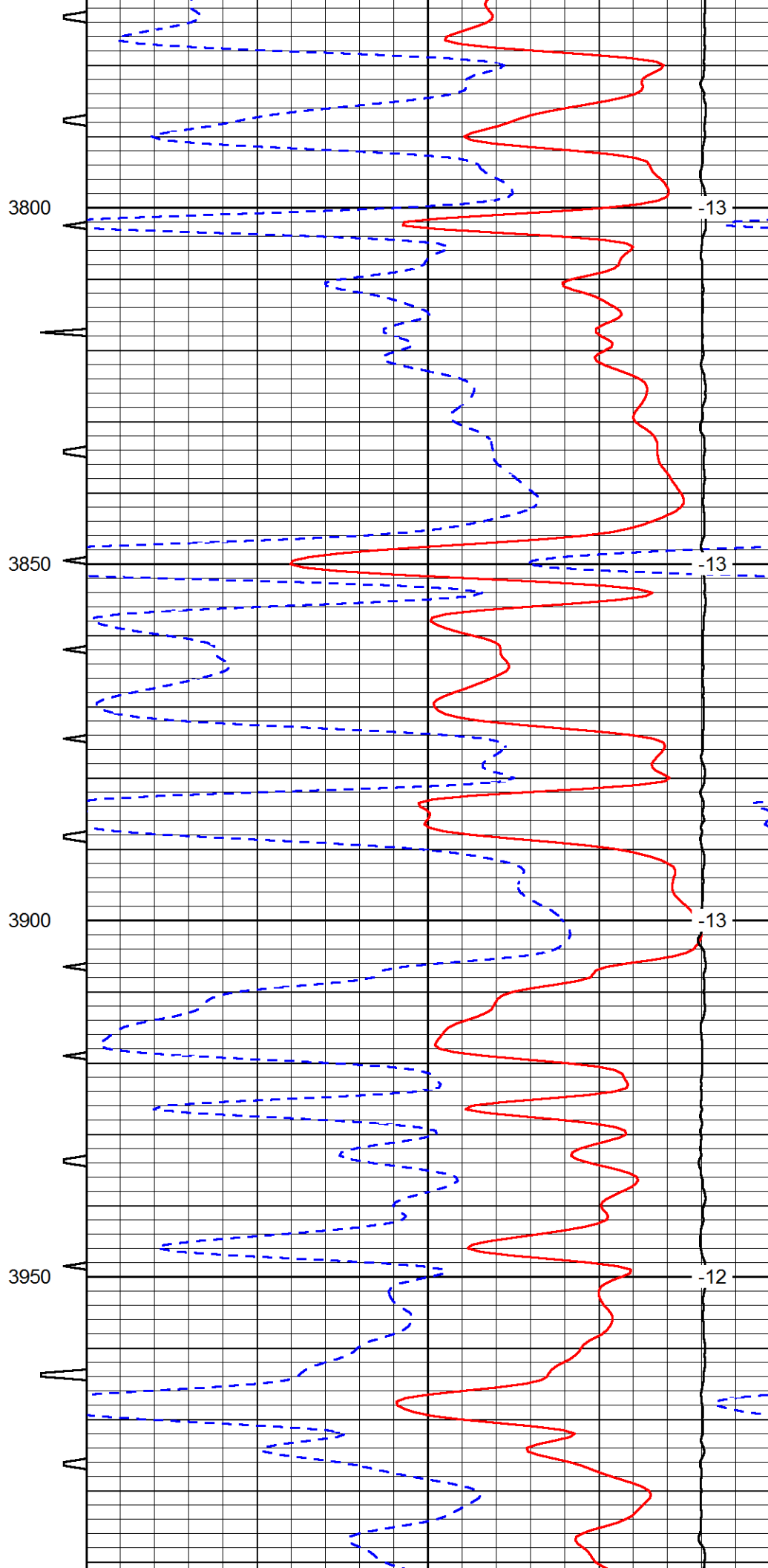
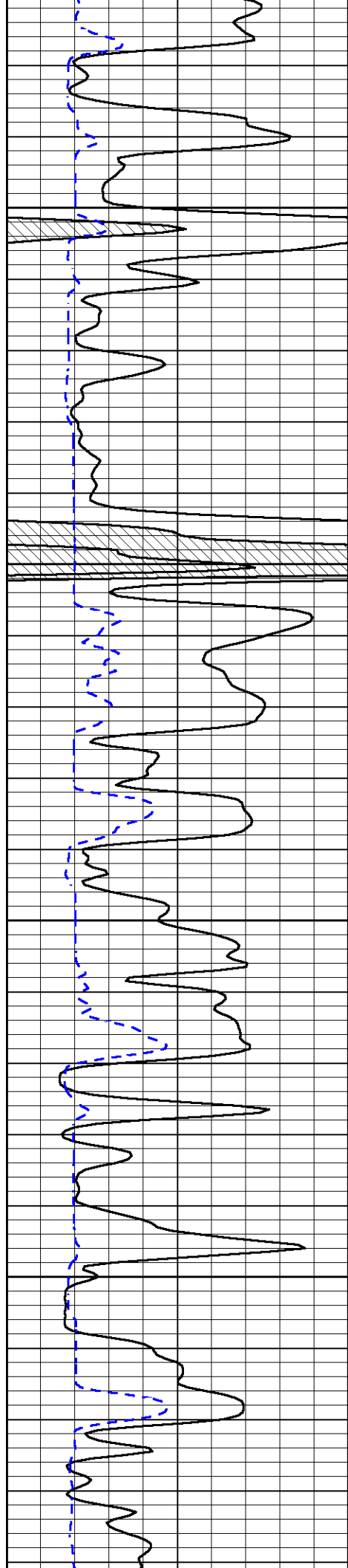


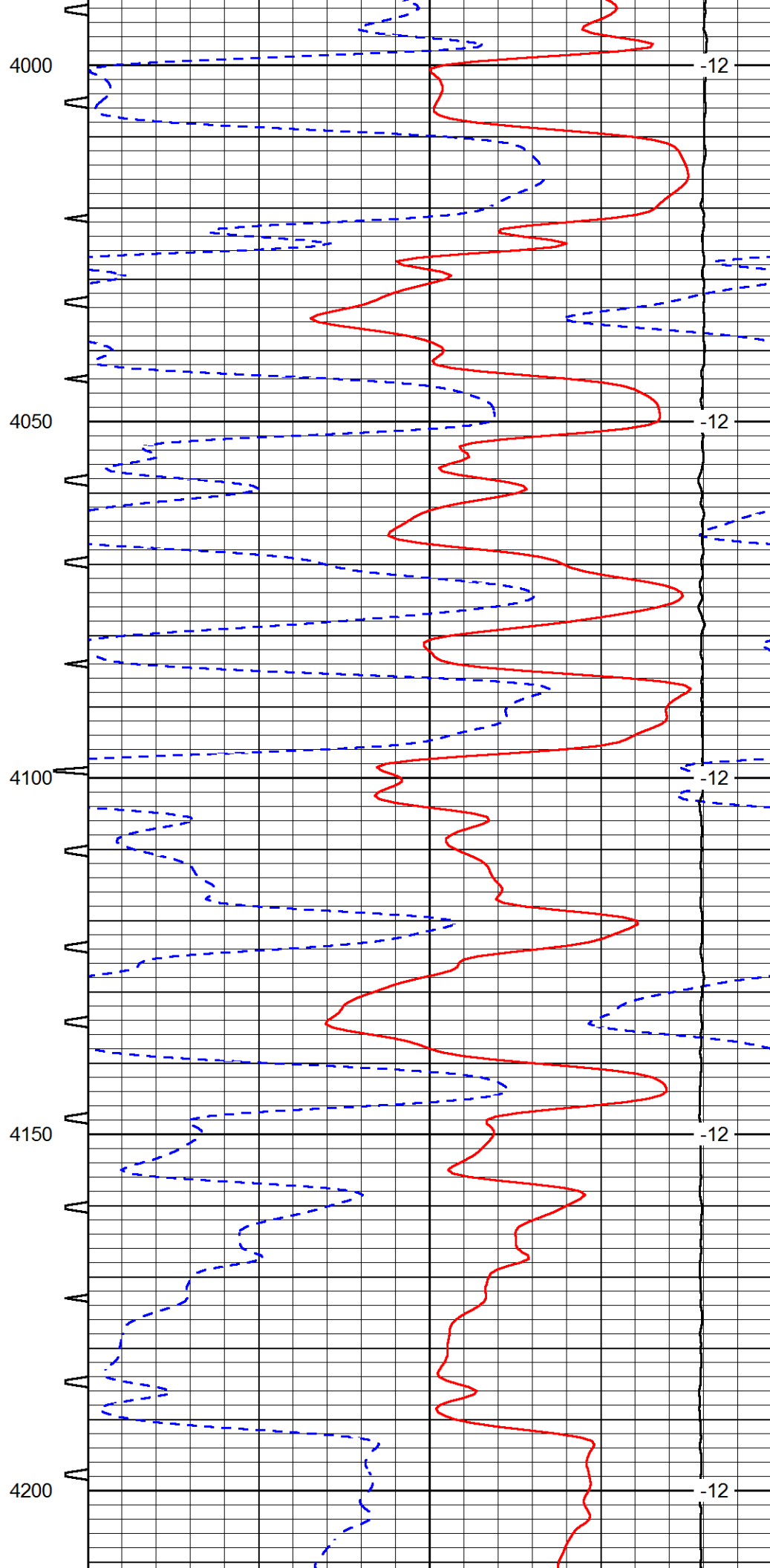
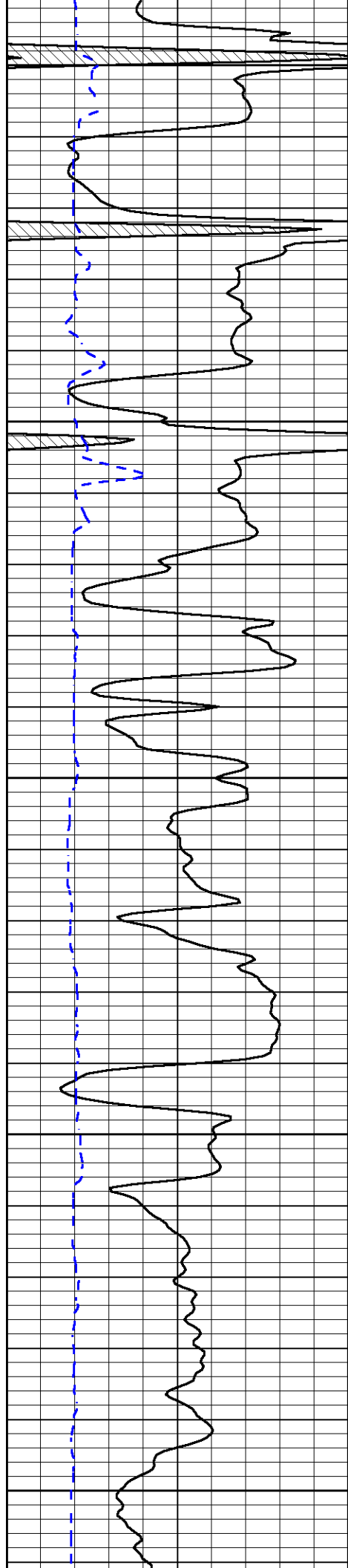


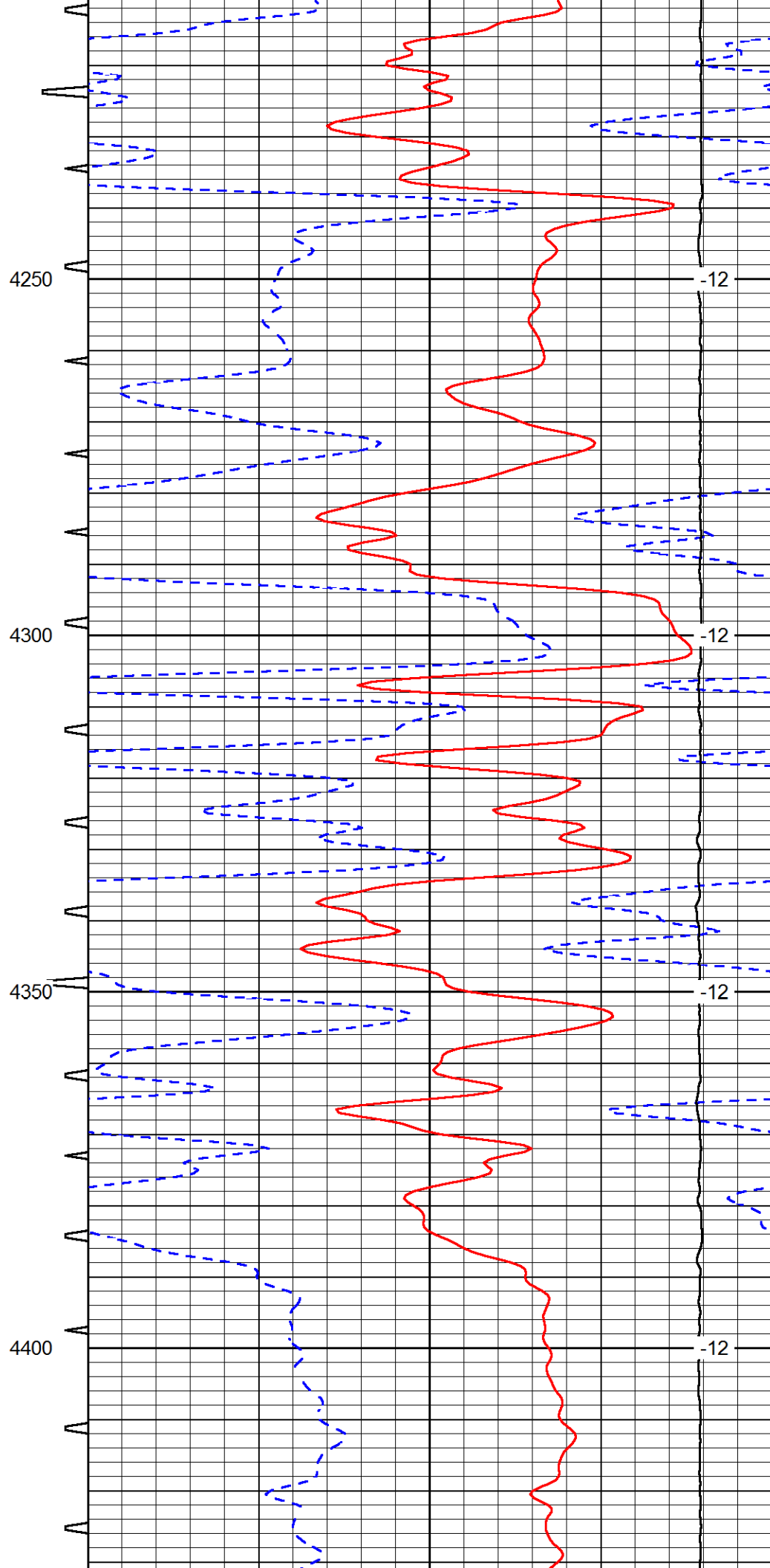
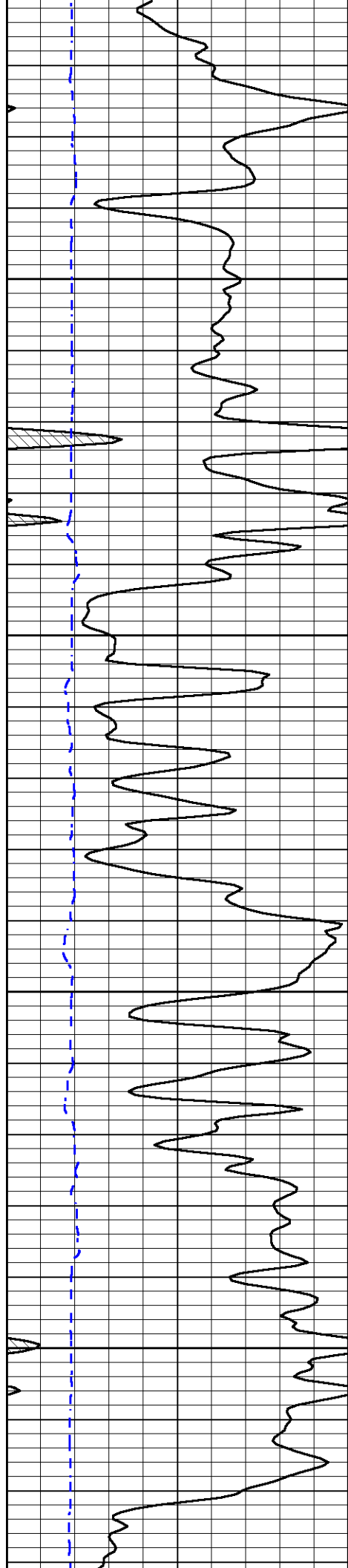


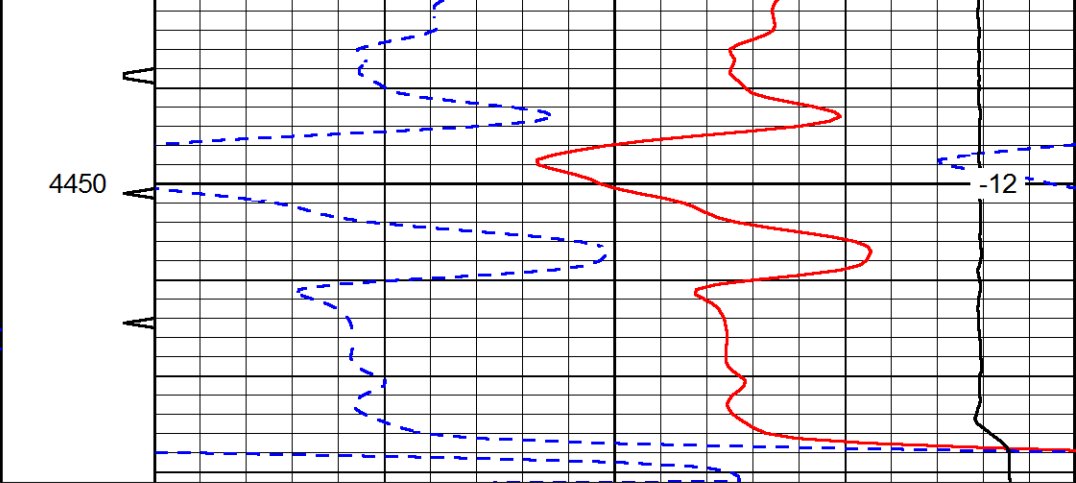
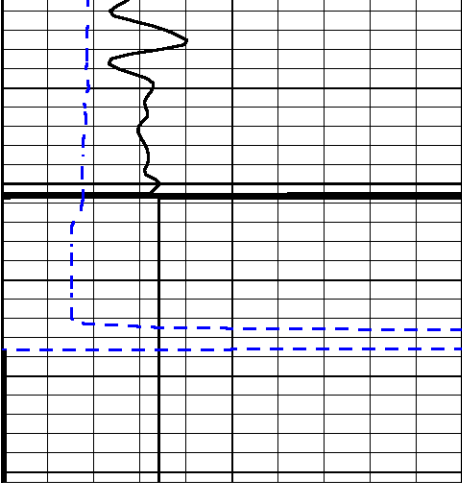












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(ft/min)