

Company	Pioneer Natural Resources	Company	Pioneer Natural Resources
Well	Seabisket 43-19	Well	Seabisket 43-19
Field	Purgatoire River	Field	Purgatoire River
County	Las Animas	County	Las Animas
State	Colorado	State	Colorado
Location:	API #: 05 071 09711 00	Other Services	SIL
Permanent Datum	2117' FSL & 14' FWL	Elevation	
Log Measured From	SEC 20 TWP 32S RGE 67W	K.B. 8009'	
Drilling Measured From	Ground Level	D.F. -----	
	Kelly Bushing 9' AGL	G.L. 8000'	
	Kelly Bushing		
Date	9-23-11		
Run Number	One		
Depth Driller	3150'		
Depth Logger	3137'		
Bottom Logged Interval	3125'		
Top Log Interval	Surface Casing		
Casing Driller	8 5/8" @ 1215'		
Casing Logger	1215'		
Bit Size	7 7/8"		
Type Fluid in Hole	Water		
Density / Viscosity	///		
pH / Fluid Loss	///		
Source of Sample	///		
Rm @ Meas. Temp	///		
Rmf @ Meas. Temp	///		
Rmc @ Meas. Temp	///		
Source of Rmf / Rmc	///		
Rm @ BHT	///		
Time Circulation Stopped	6:00 A.M.		
Time Logger on Bottom	10:45 A.M.		
Maximum Recorded Temperature	105 DEG F		
Equipment Number	T590		
Location	Trinidad		
Recorded By	C. Sisneros		
Witnessed By	Micheal Polley		

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, 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. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

Density Porosity Presented On Sandstone Matrix.
ABHV Calculated For 5.5" Casing.

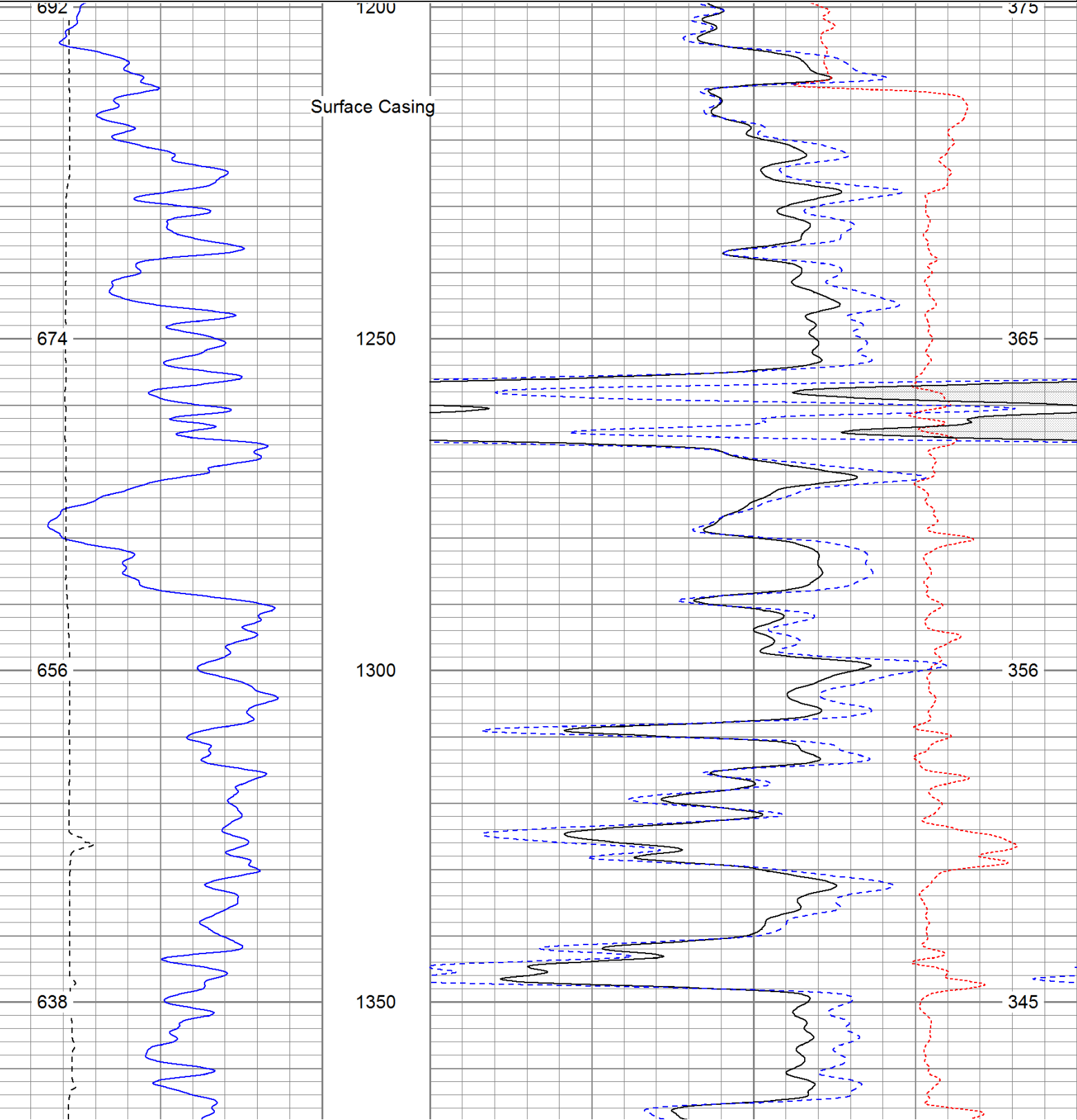
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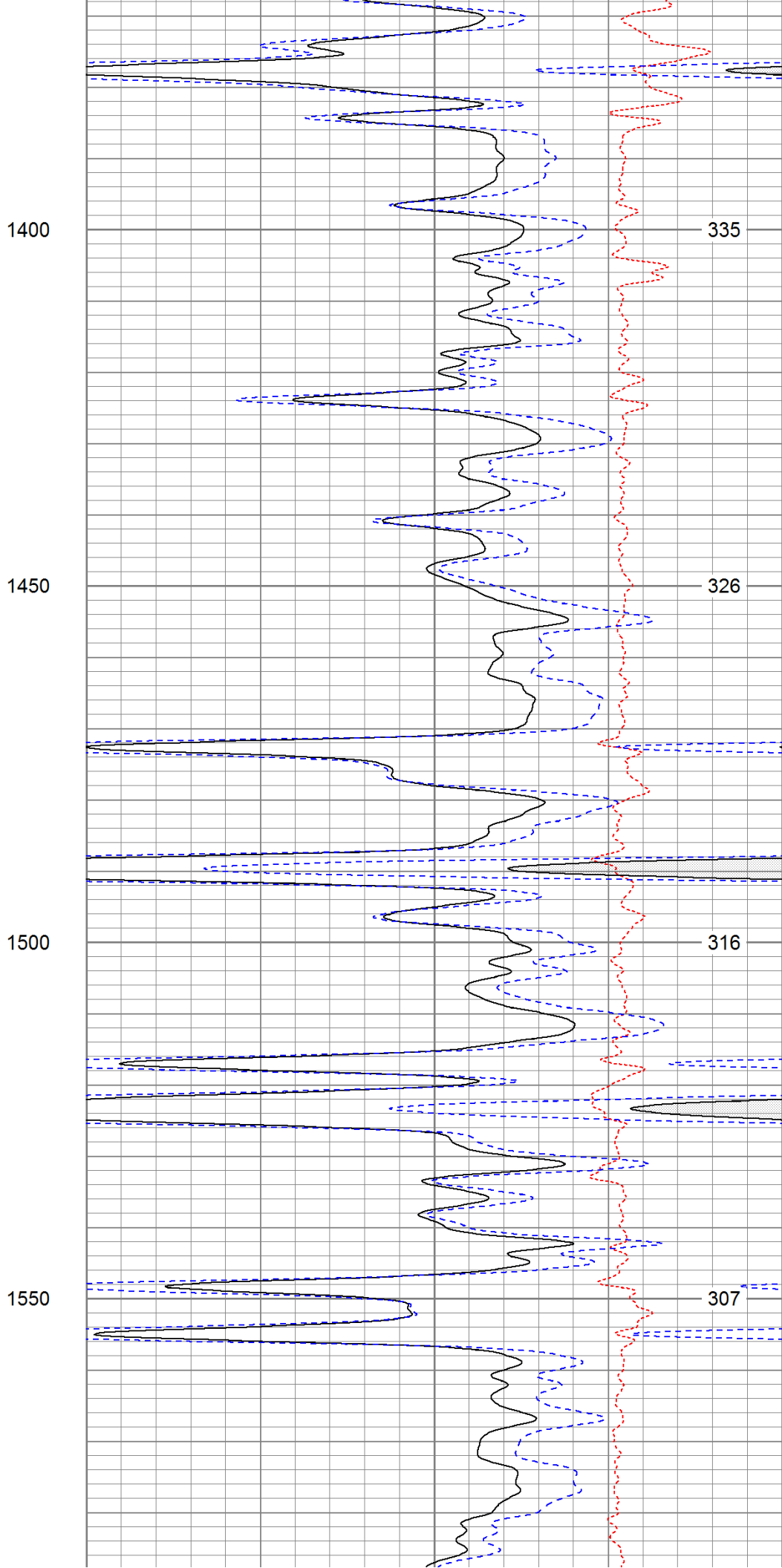
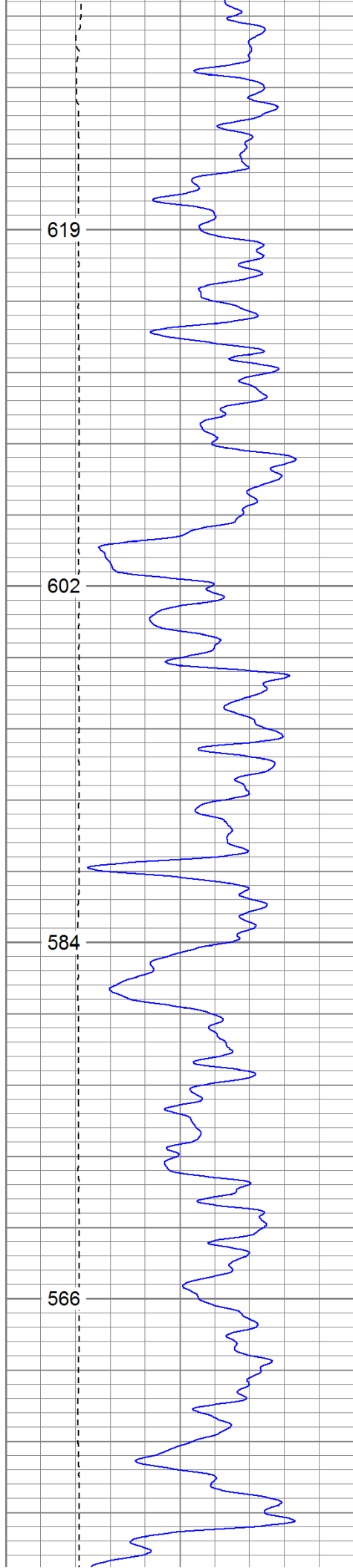
Wet Canyon, take right across cattlegaurd by Millards House, stay straight up canyon,
drive thru the Lightning location, at top of hill go right, drive past cabin,
at bottom of hill at Y stay left, take next left to location.

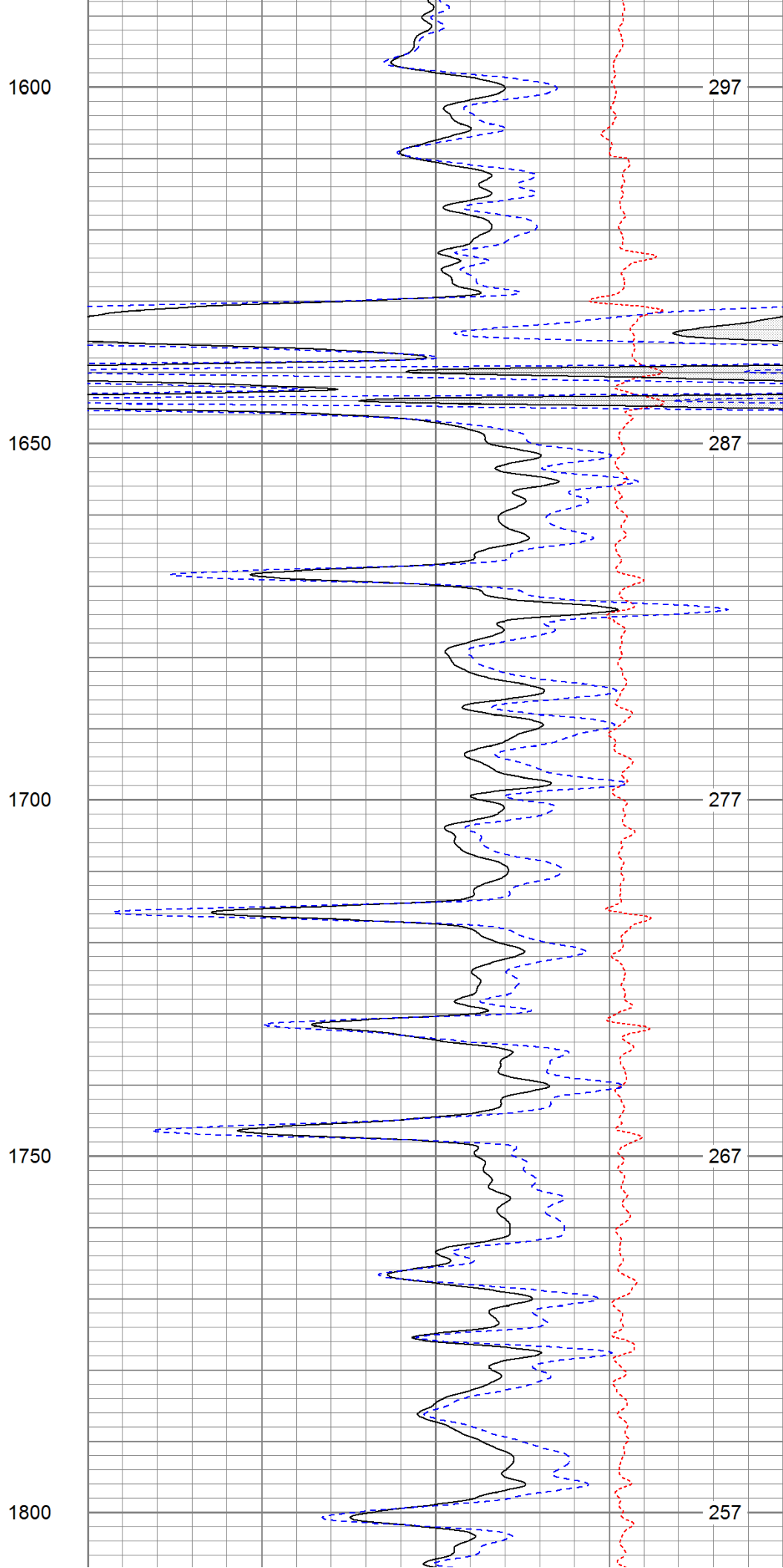
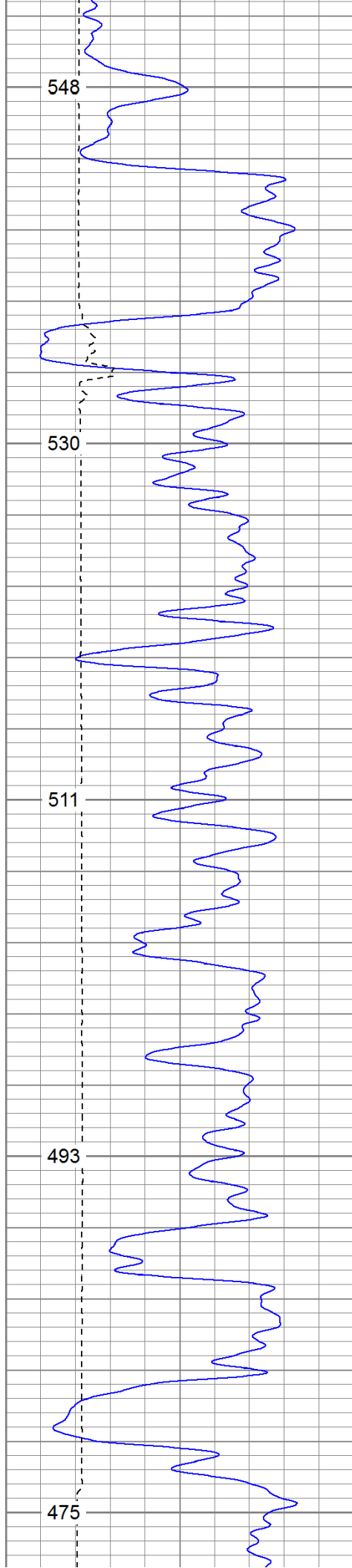
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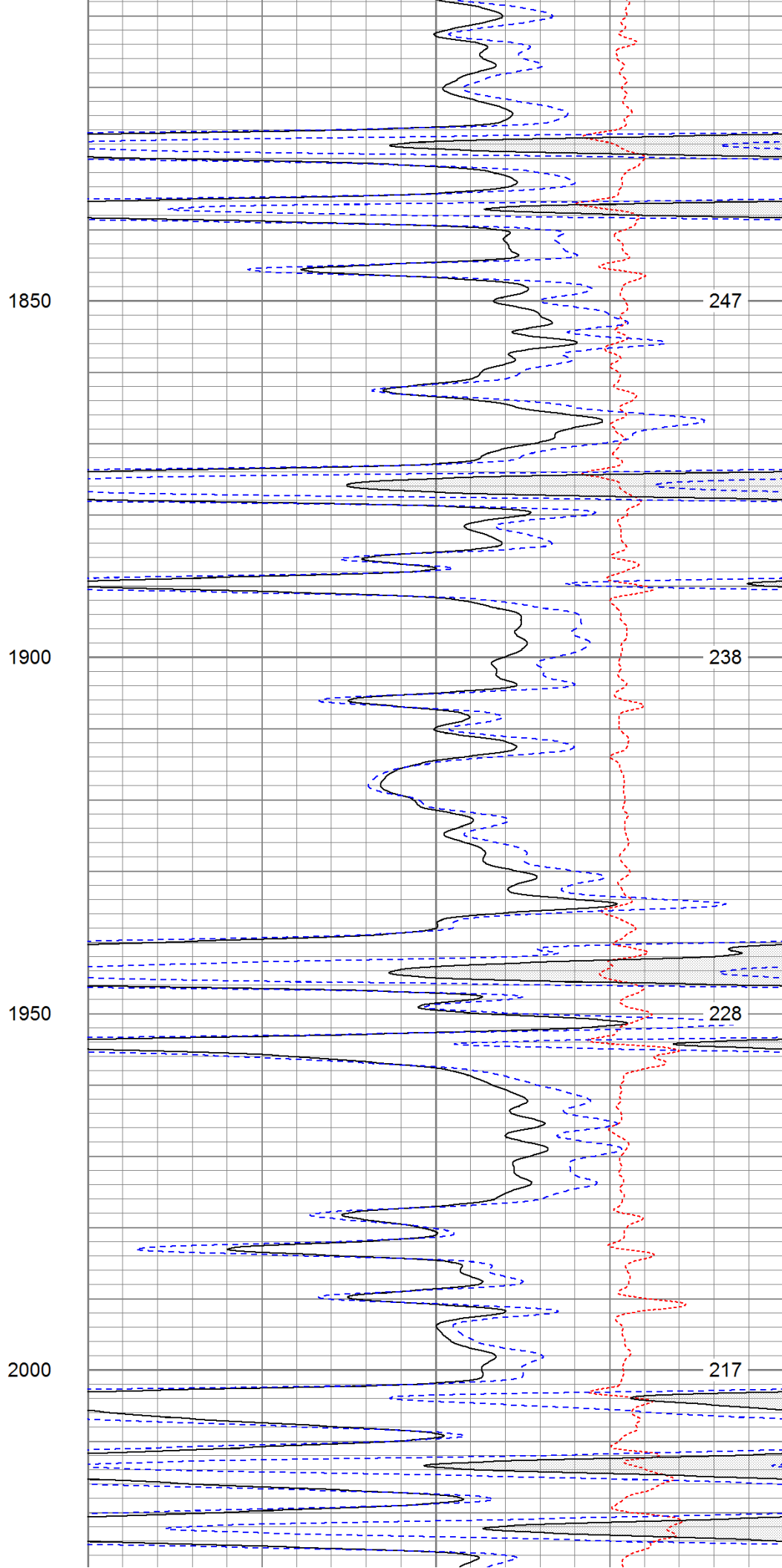
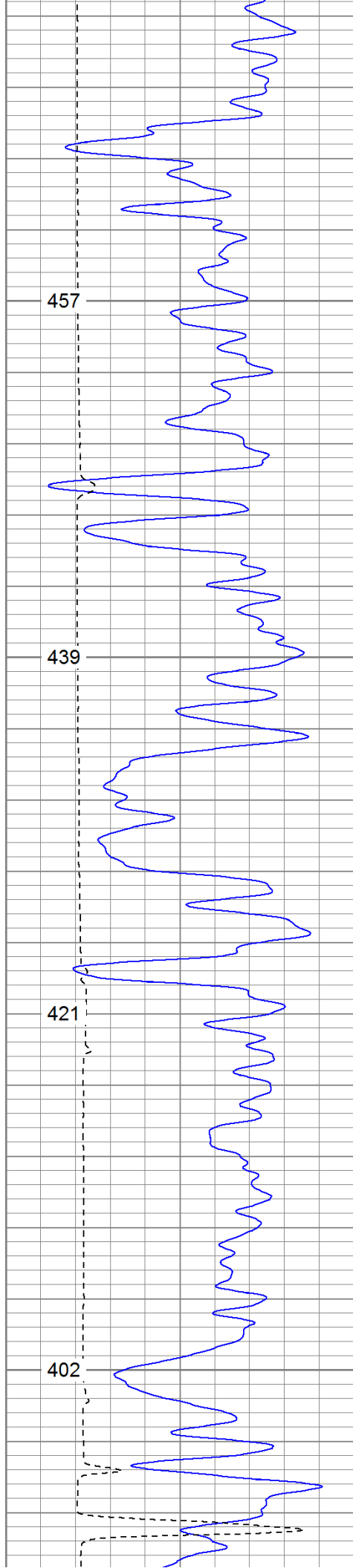
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6	DCAL (in)	16
TBHV (ft3)		

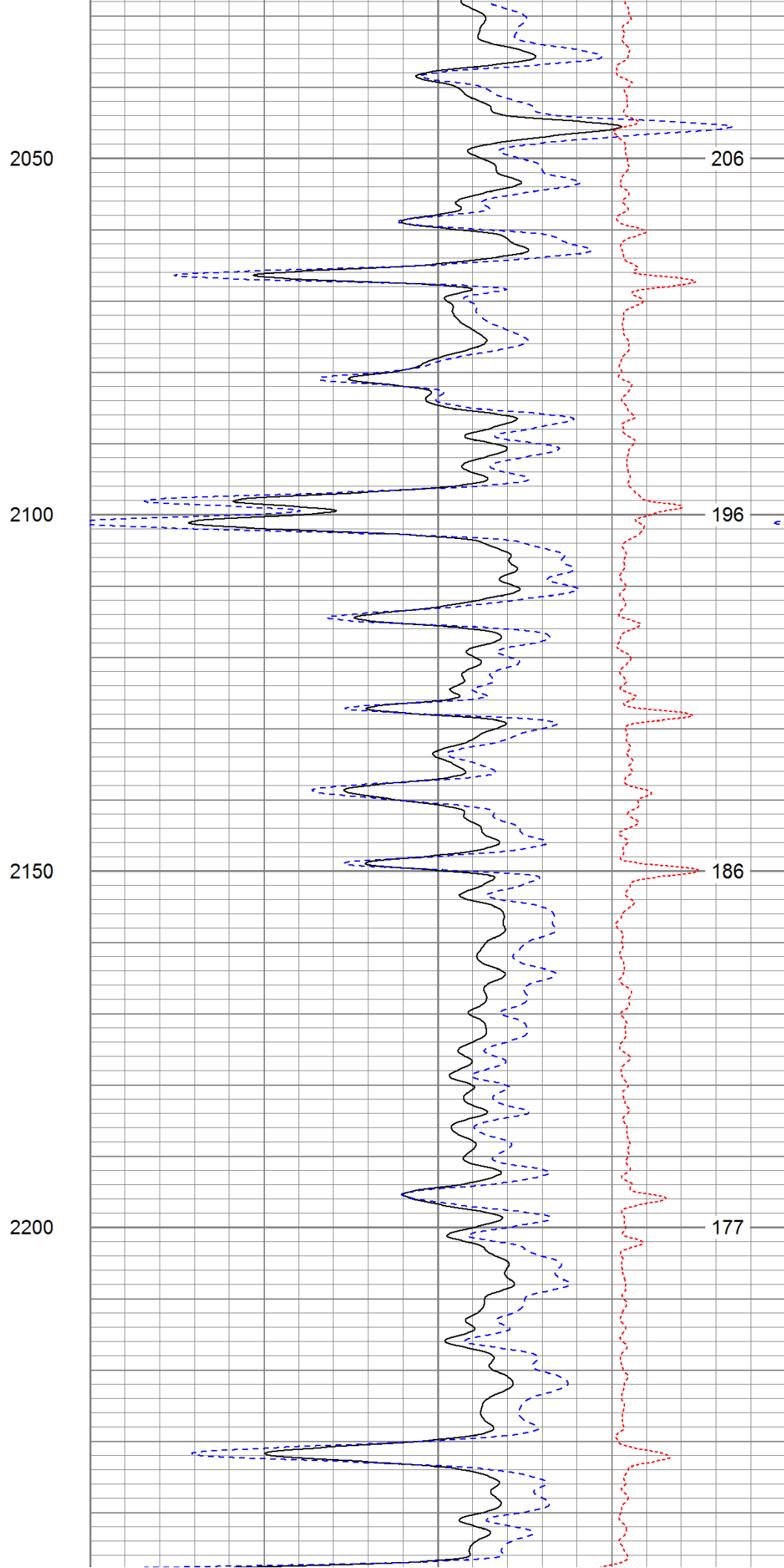
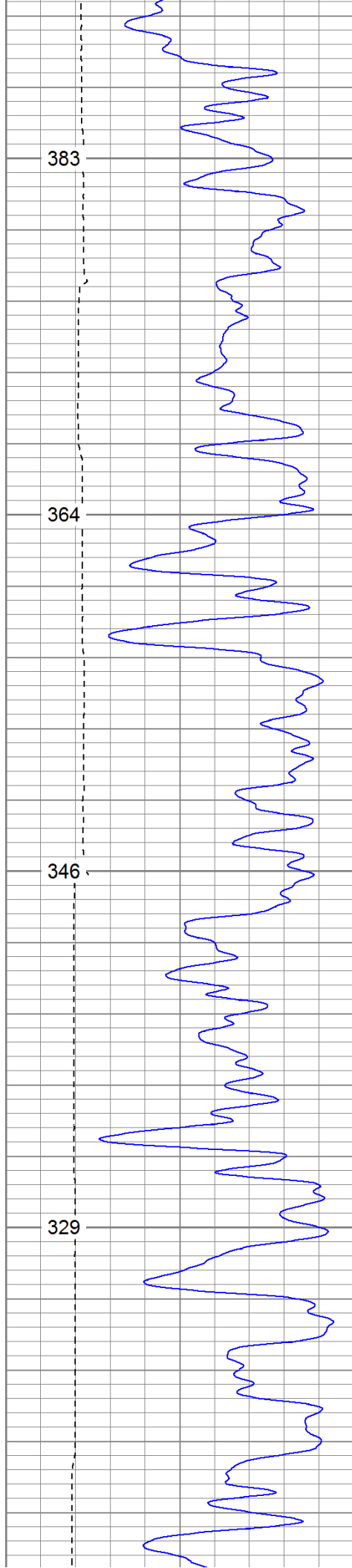
2	RHOB (g/cc)		3
1	RHOB (g/cc)		2
30	DPOR (pu)		-10
-0.5		RHOC (g/cc)	0.5
7000		LTEN (lb)	0
ABHV (ft3)			

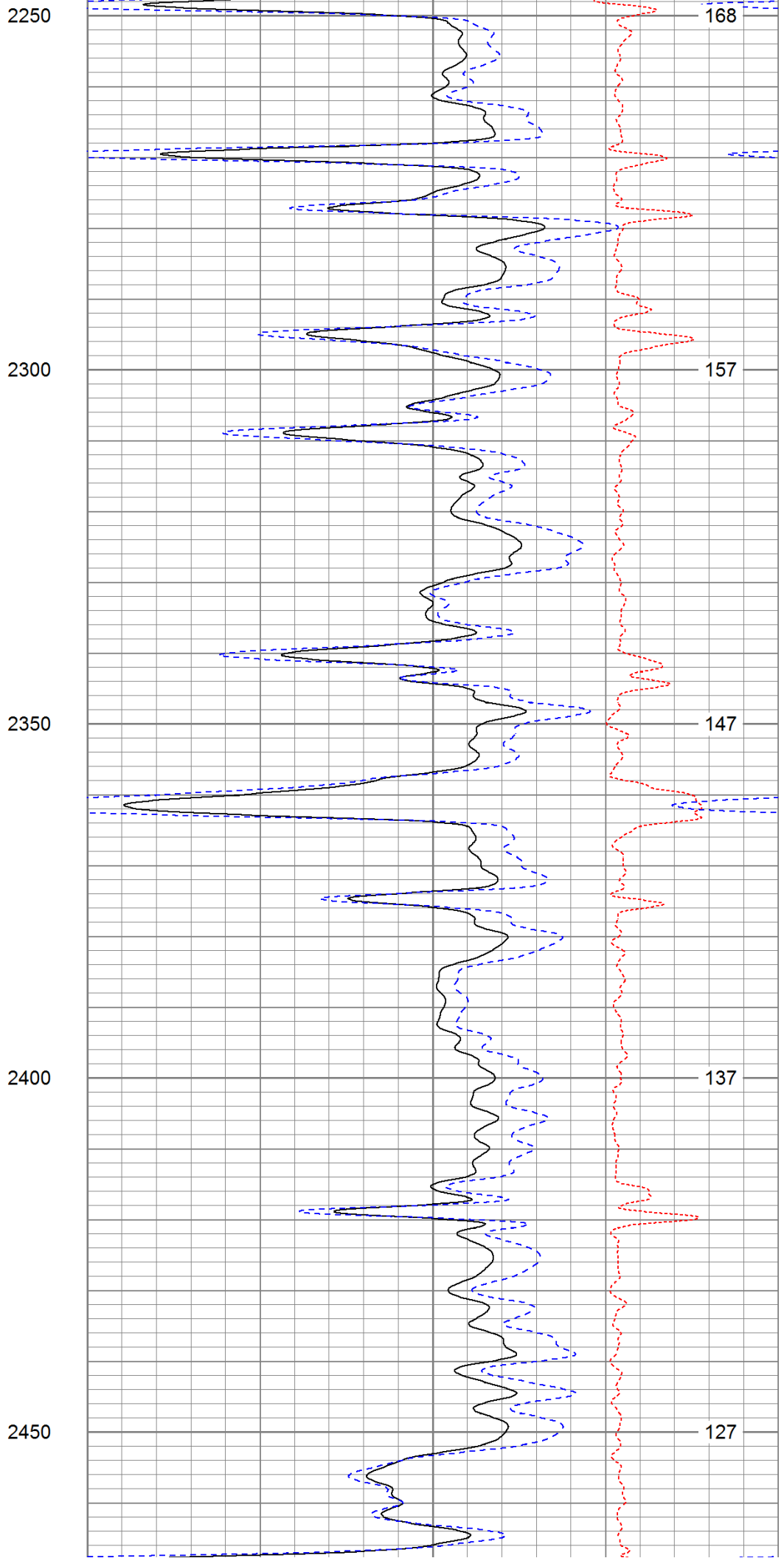
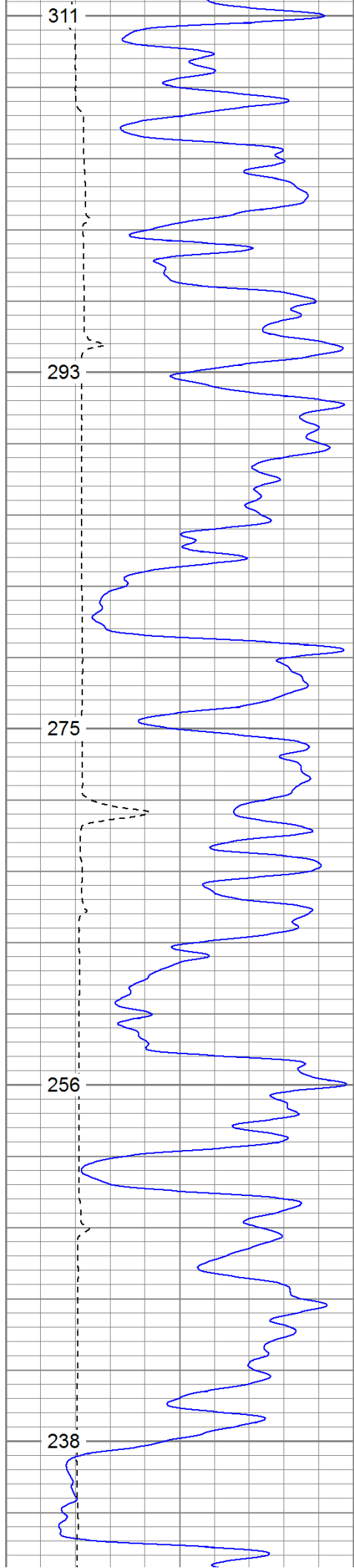


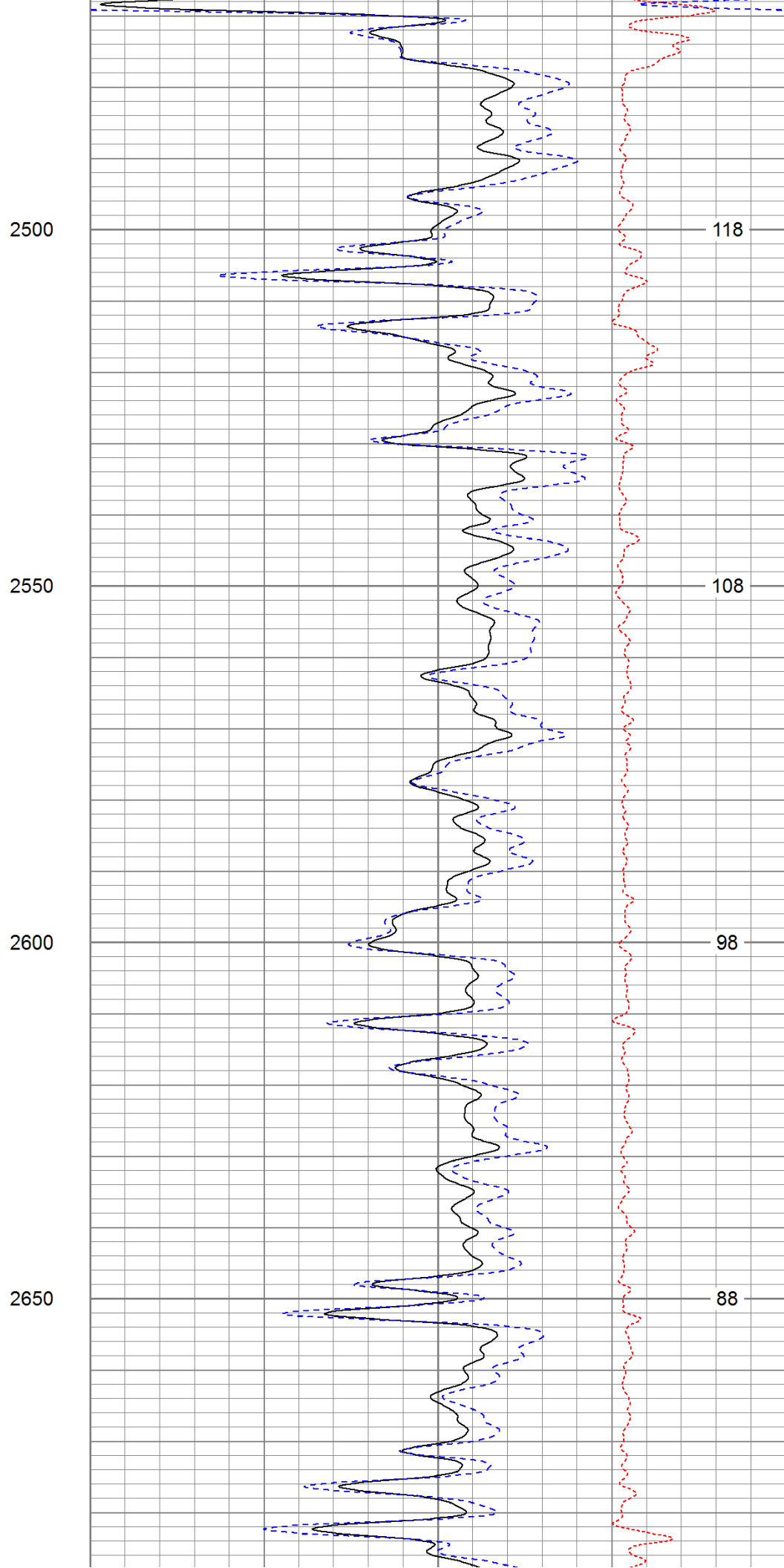
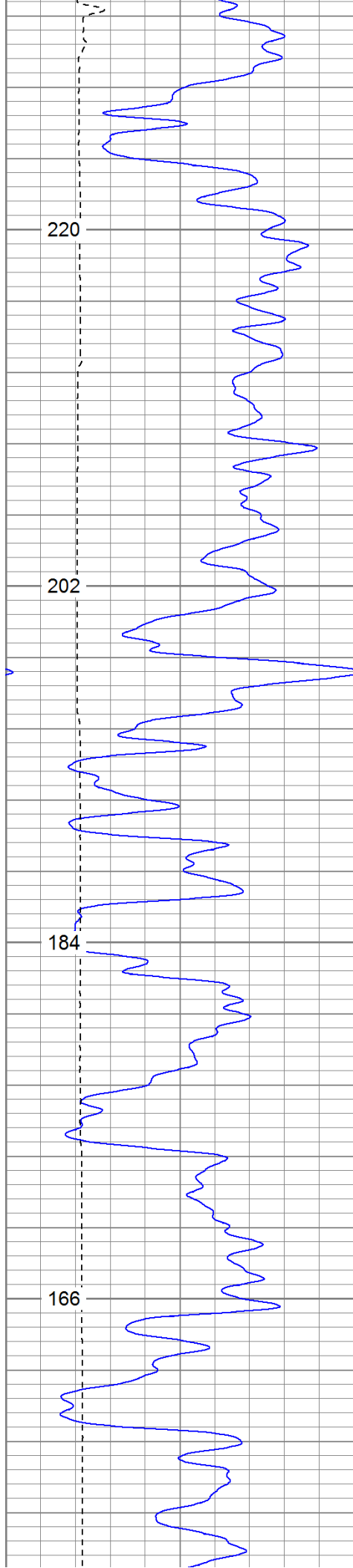


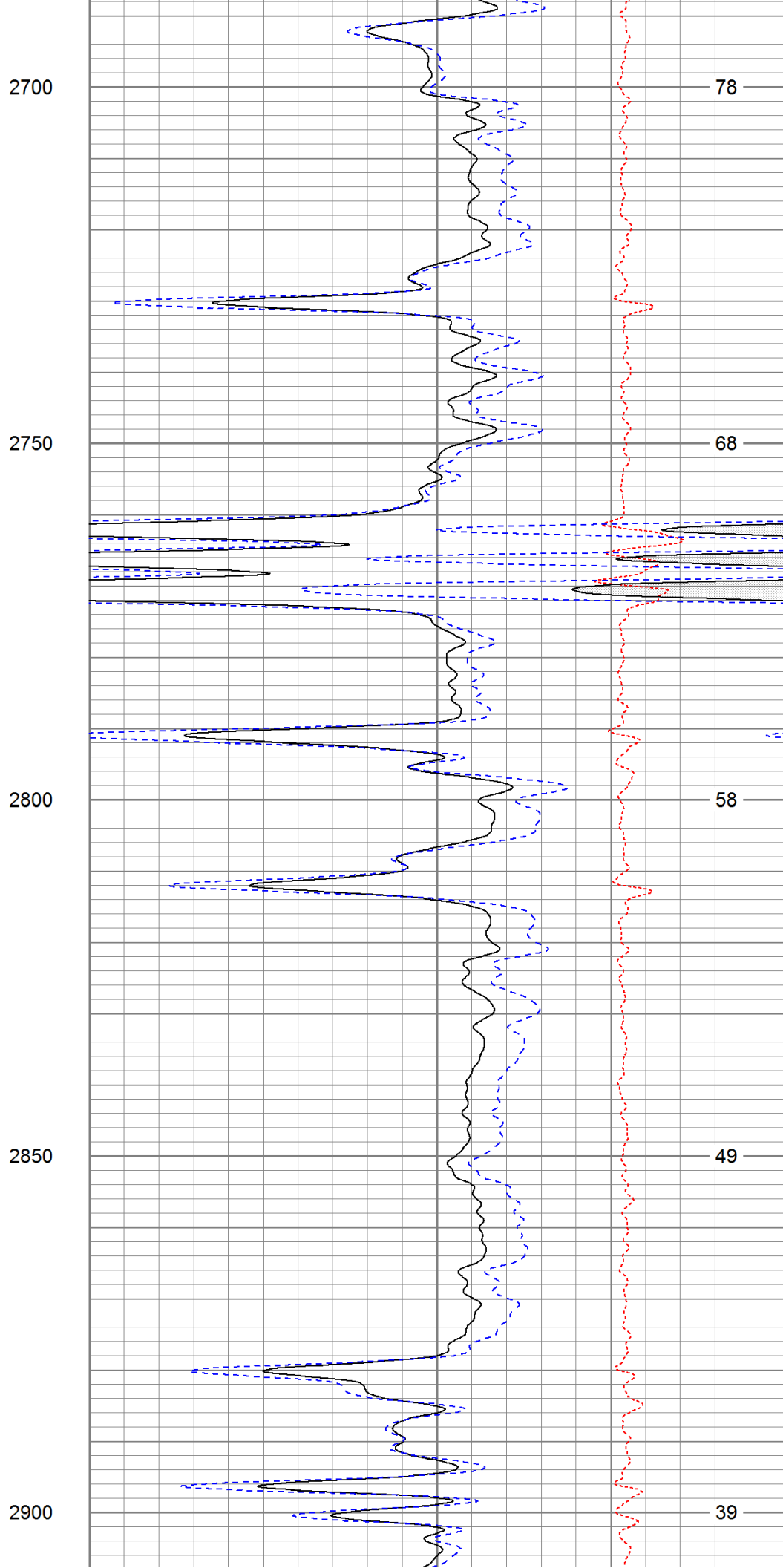
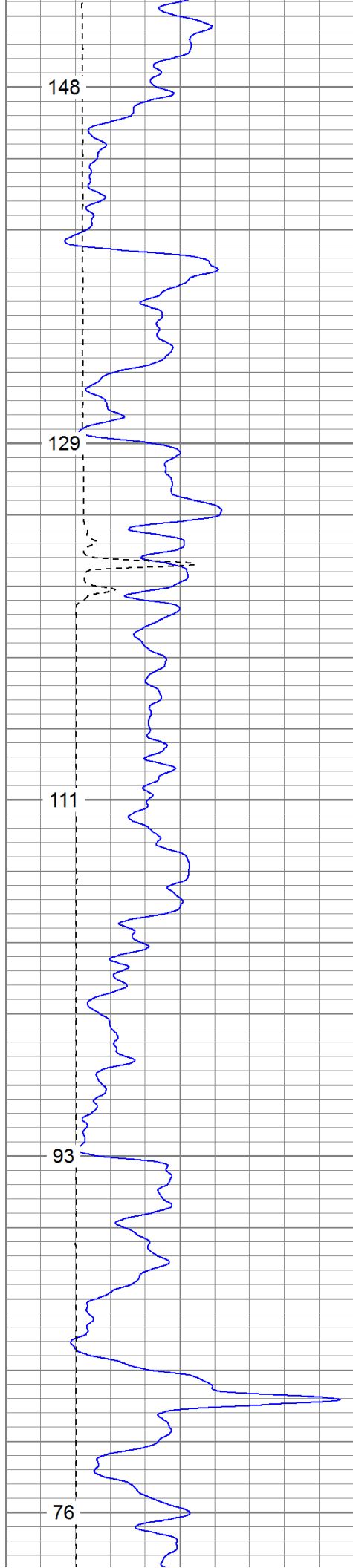


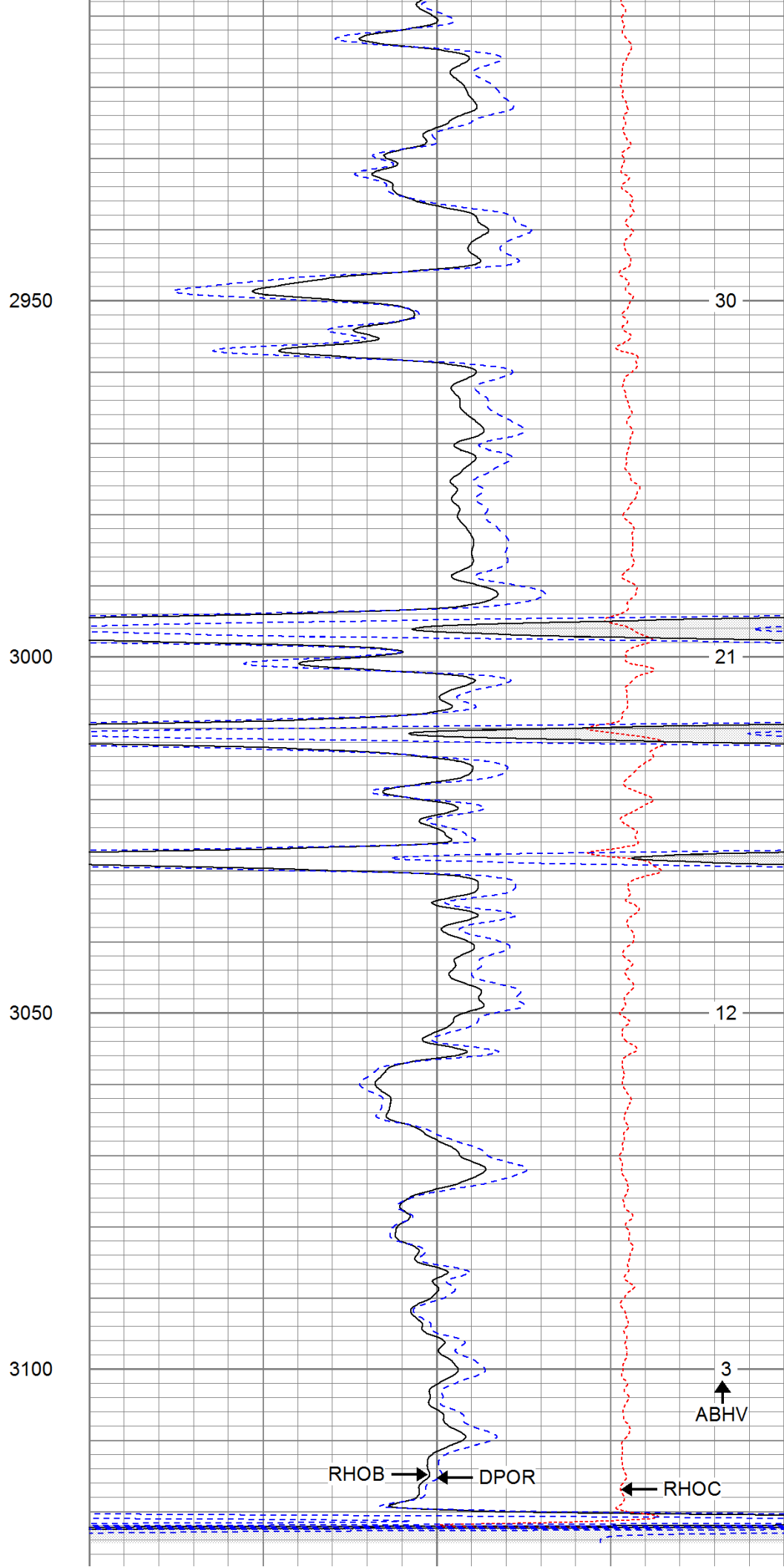
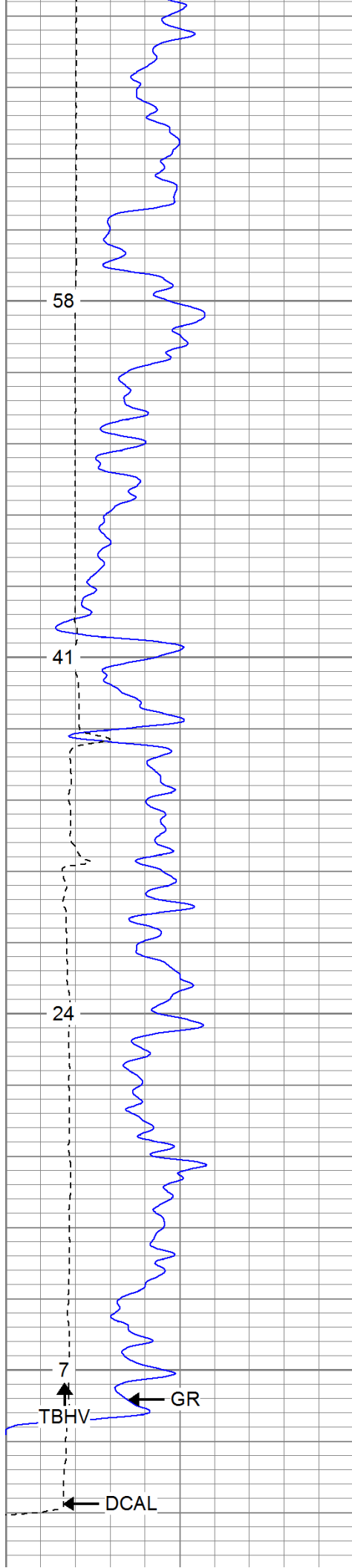












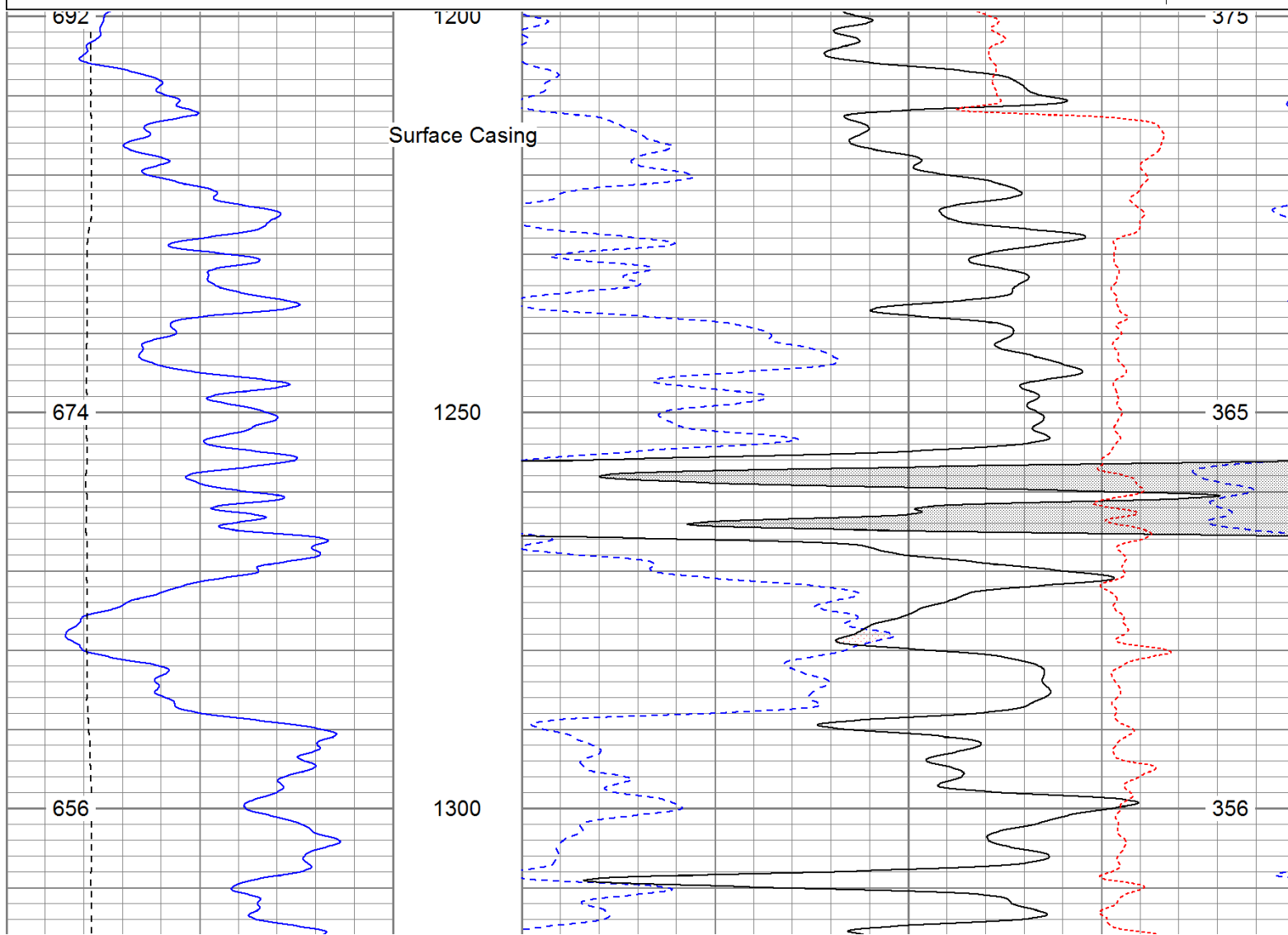
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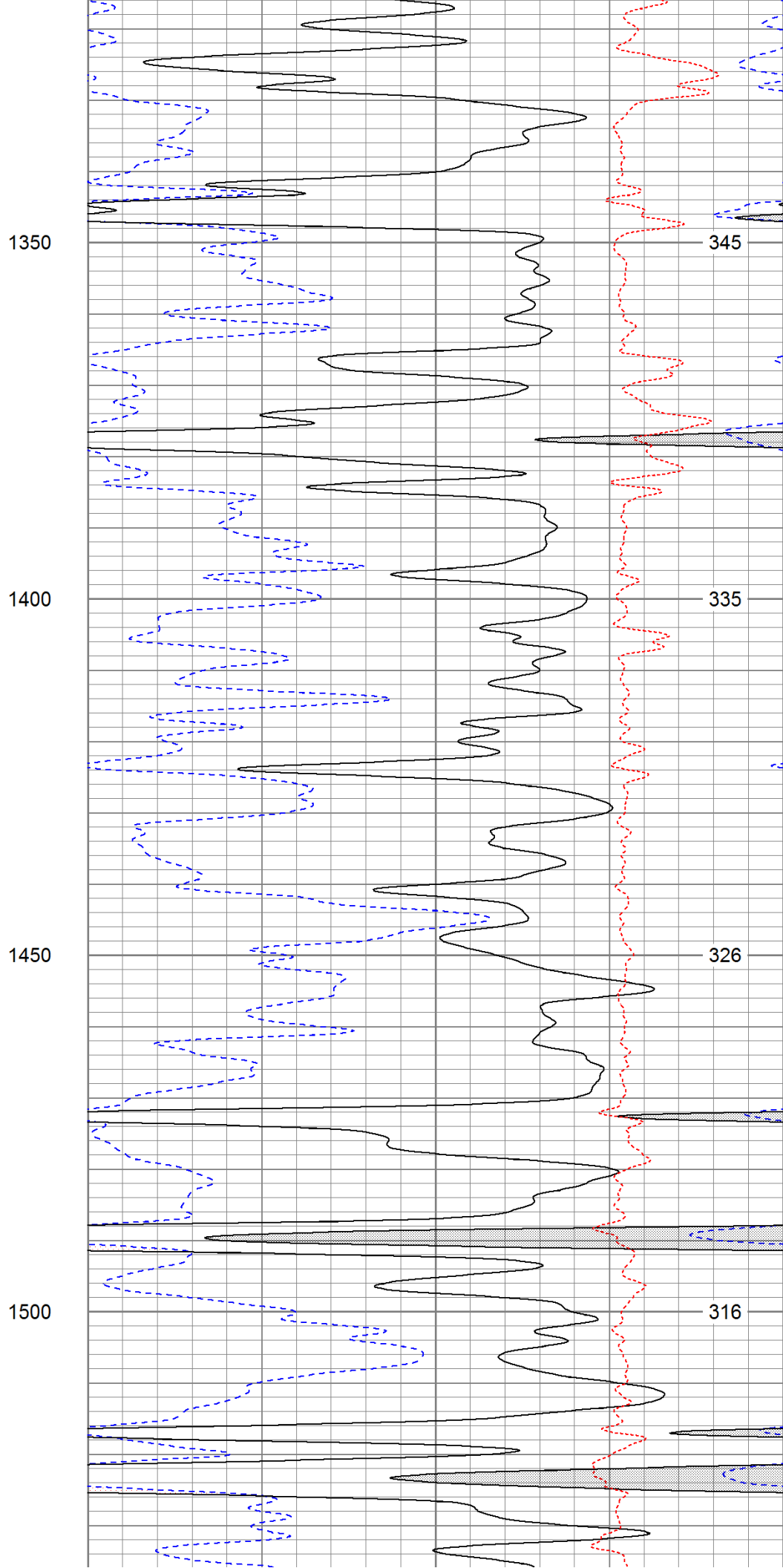
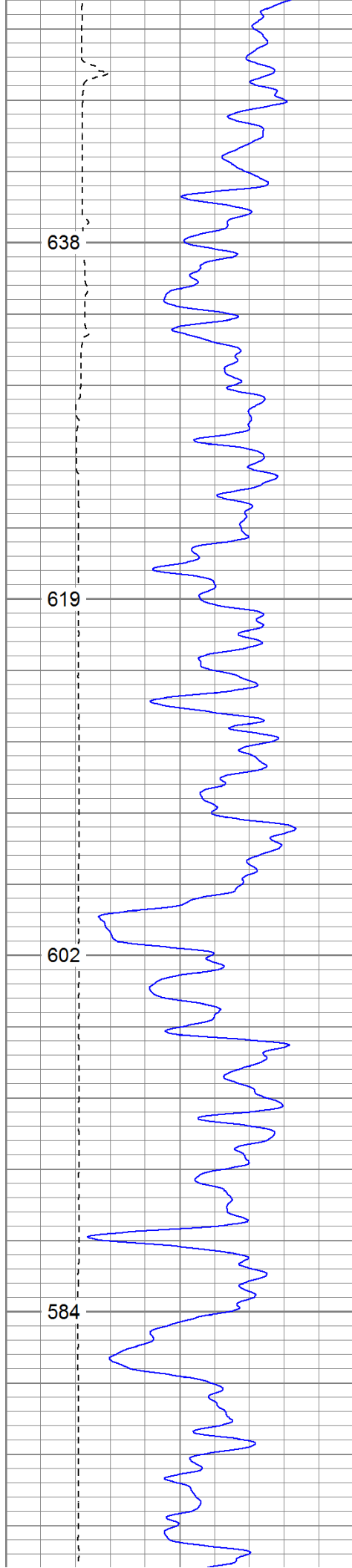


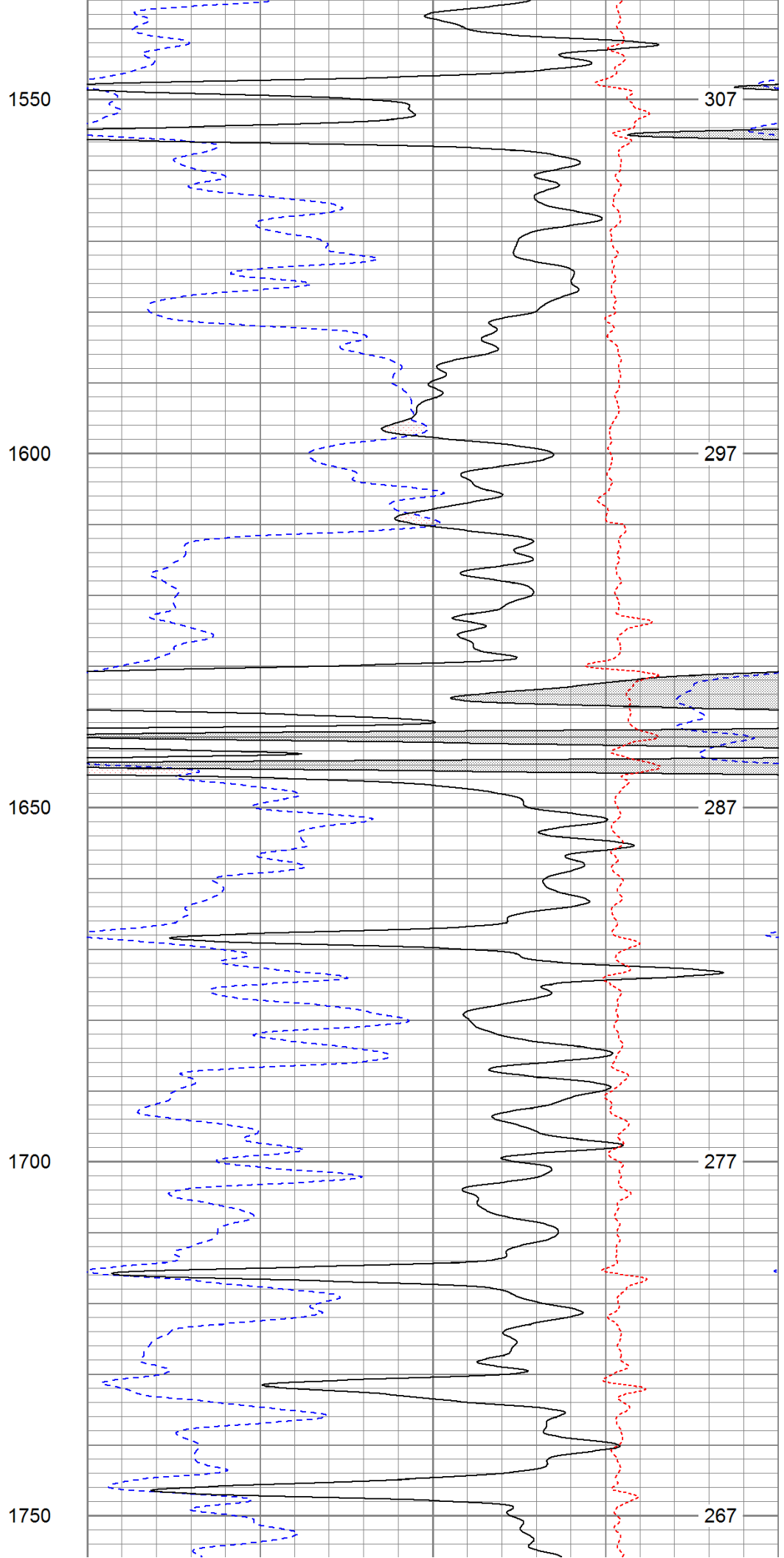
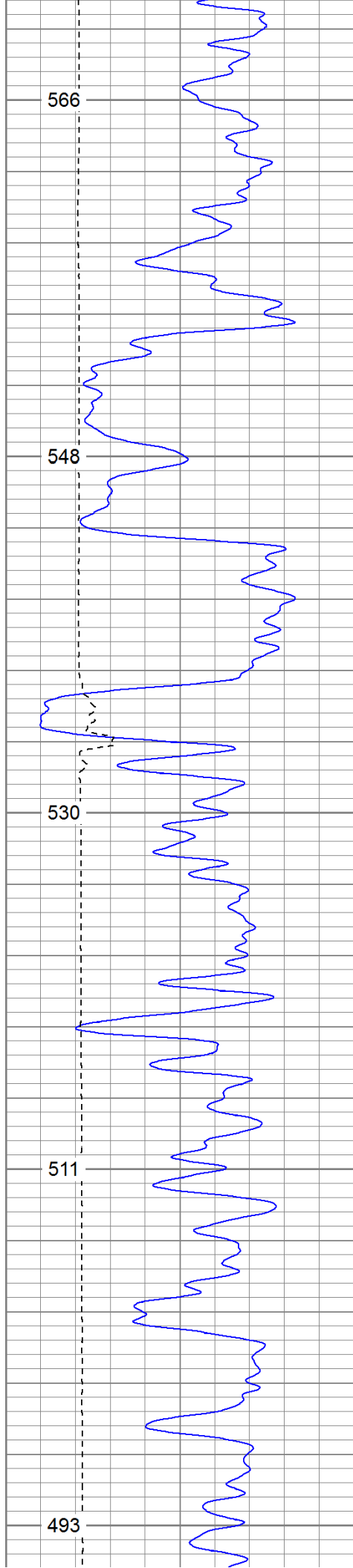
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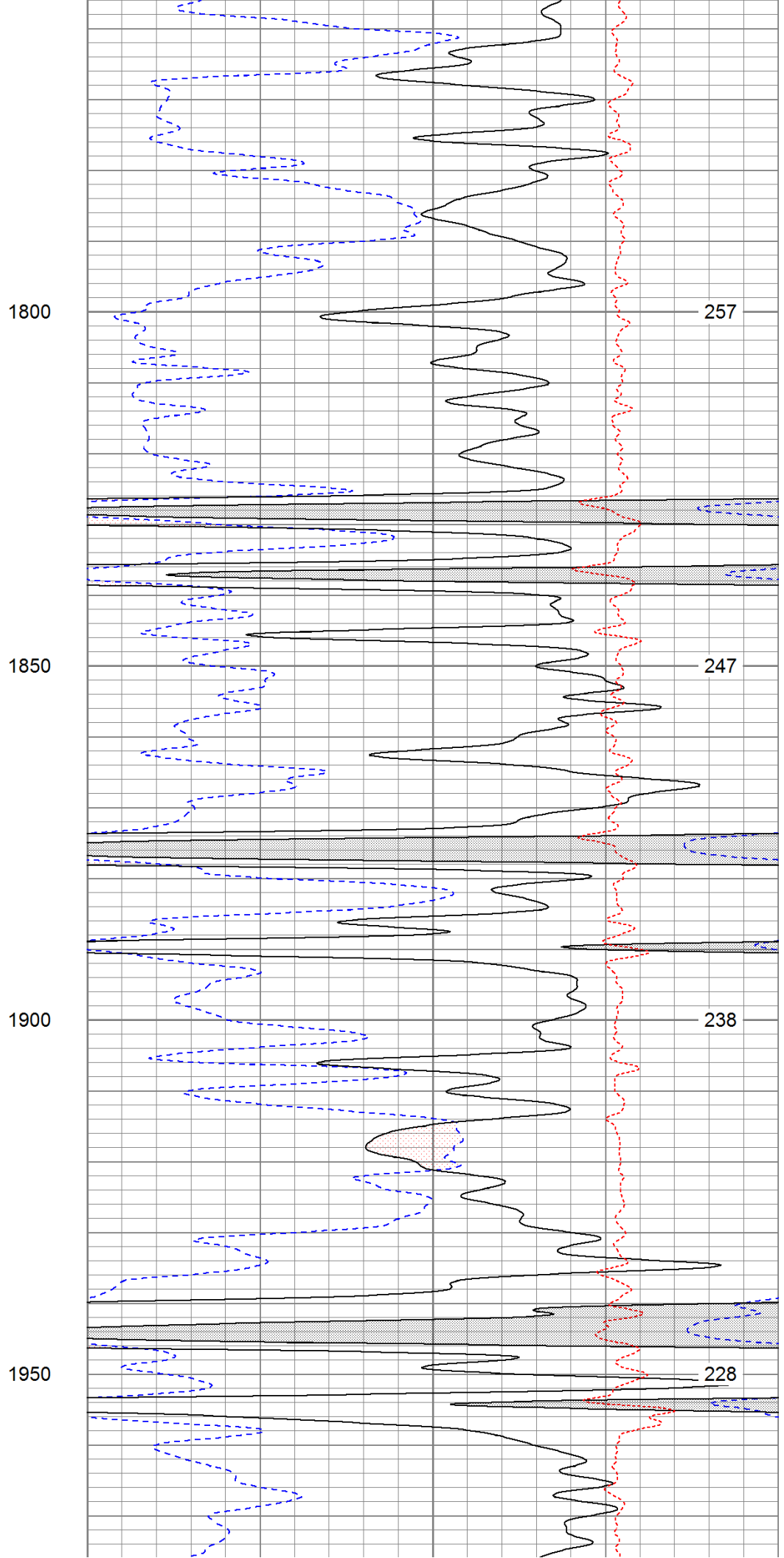
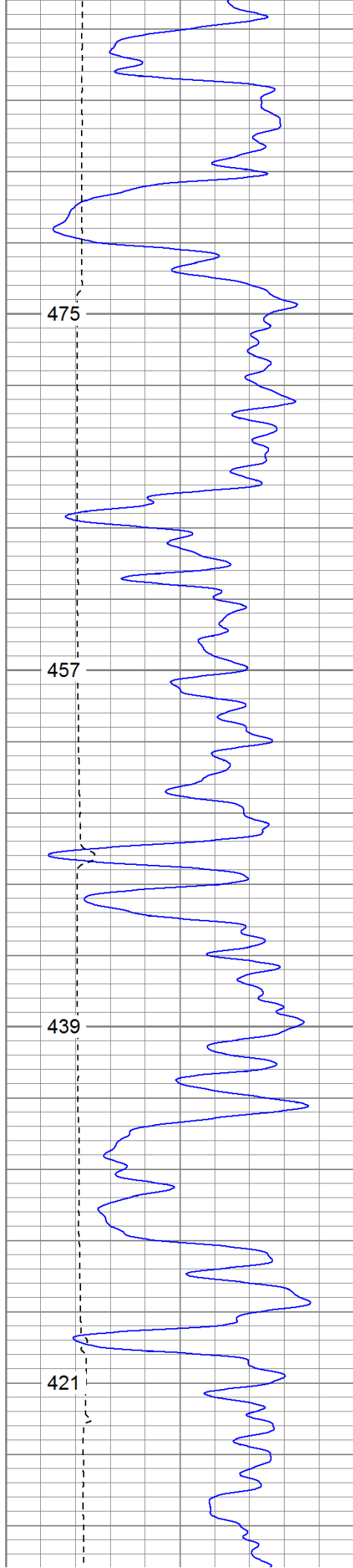
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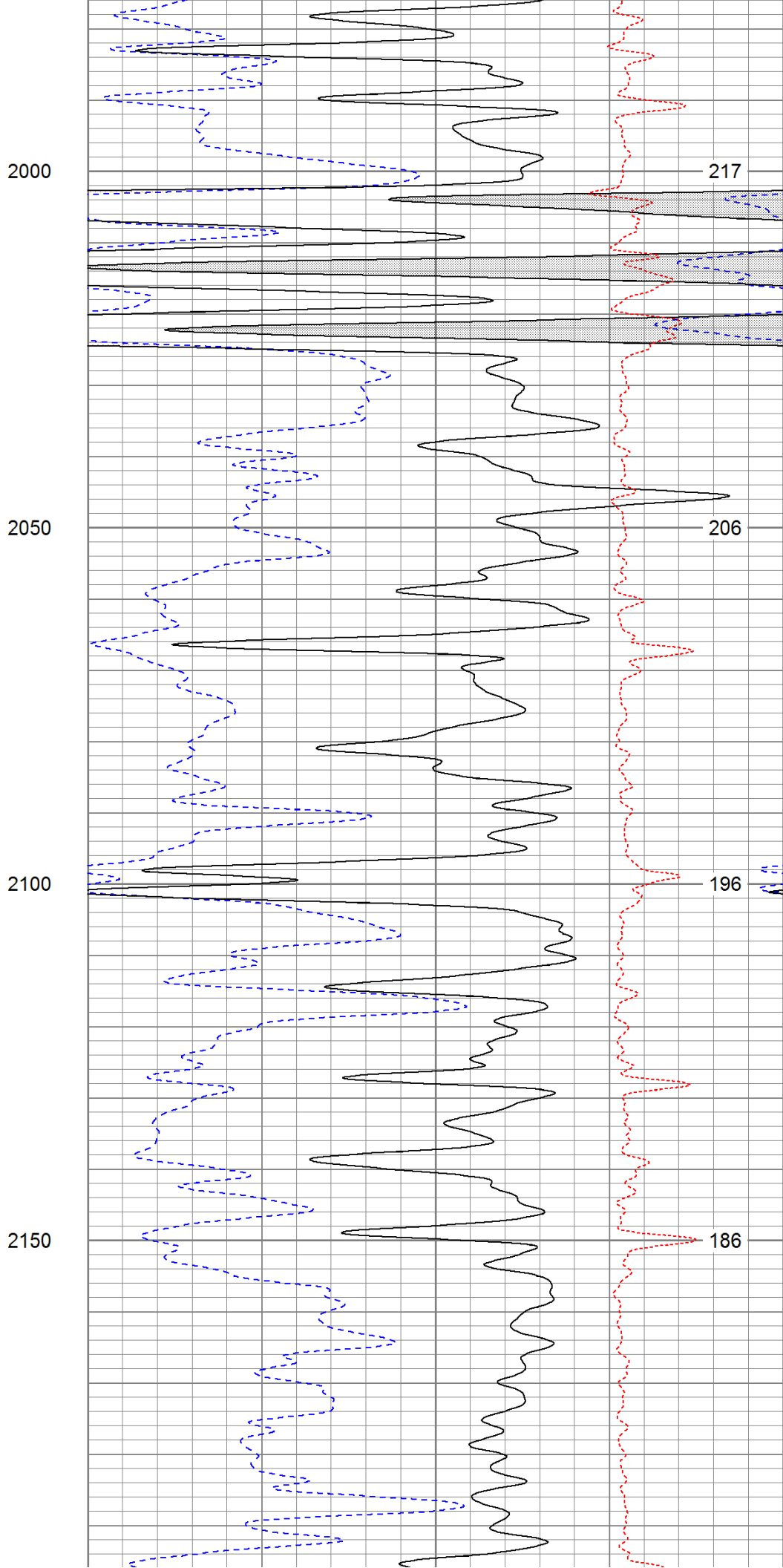
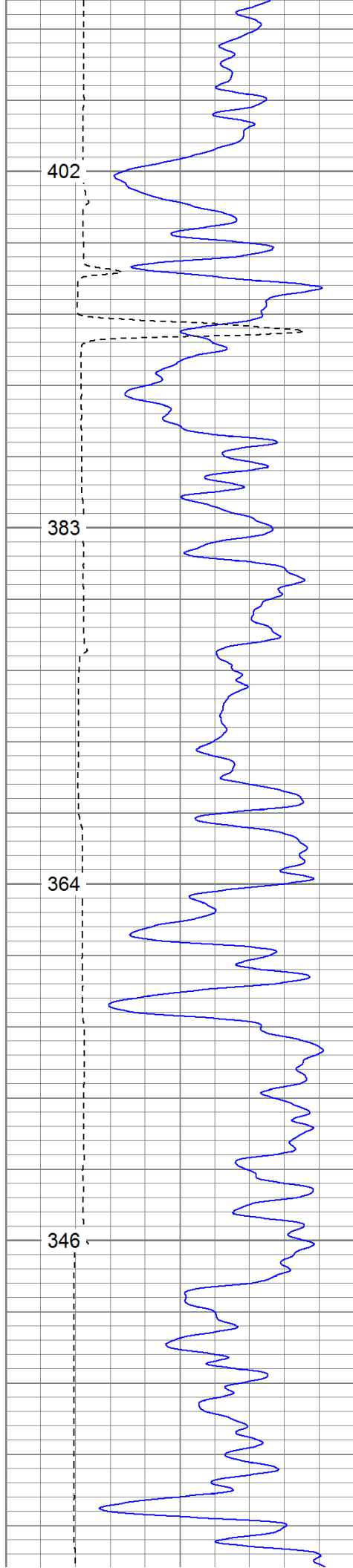
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TBHV (ft3)			-0.5	RHOC (g/cc)	0.5
			ABHV (ft3)		

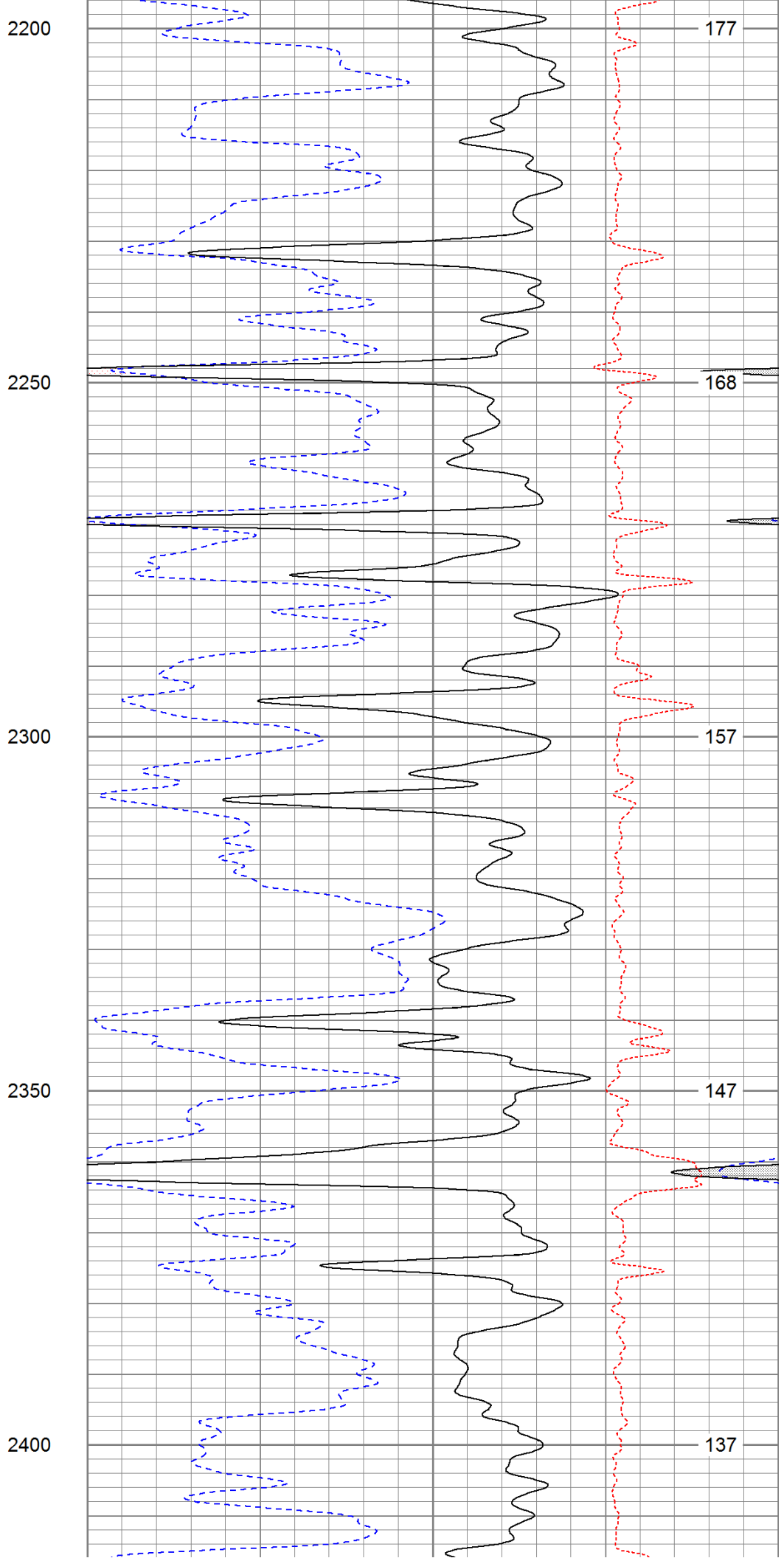
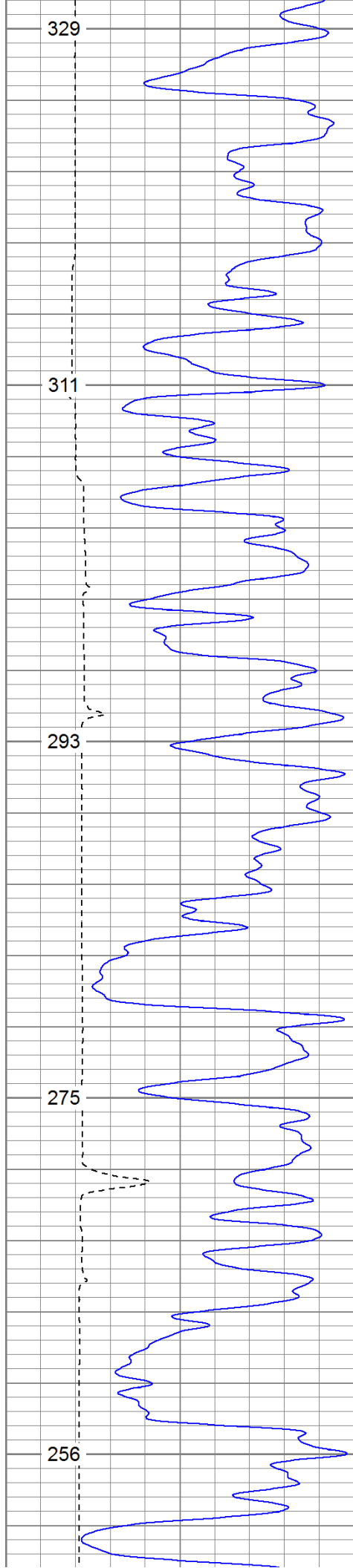


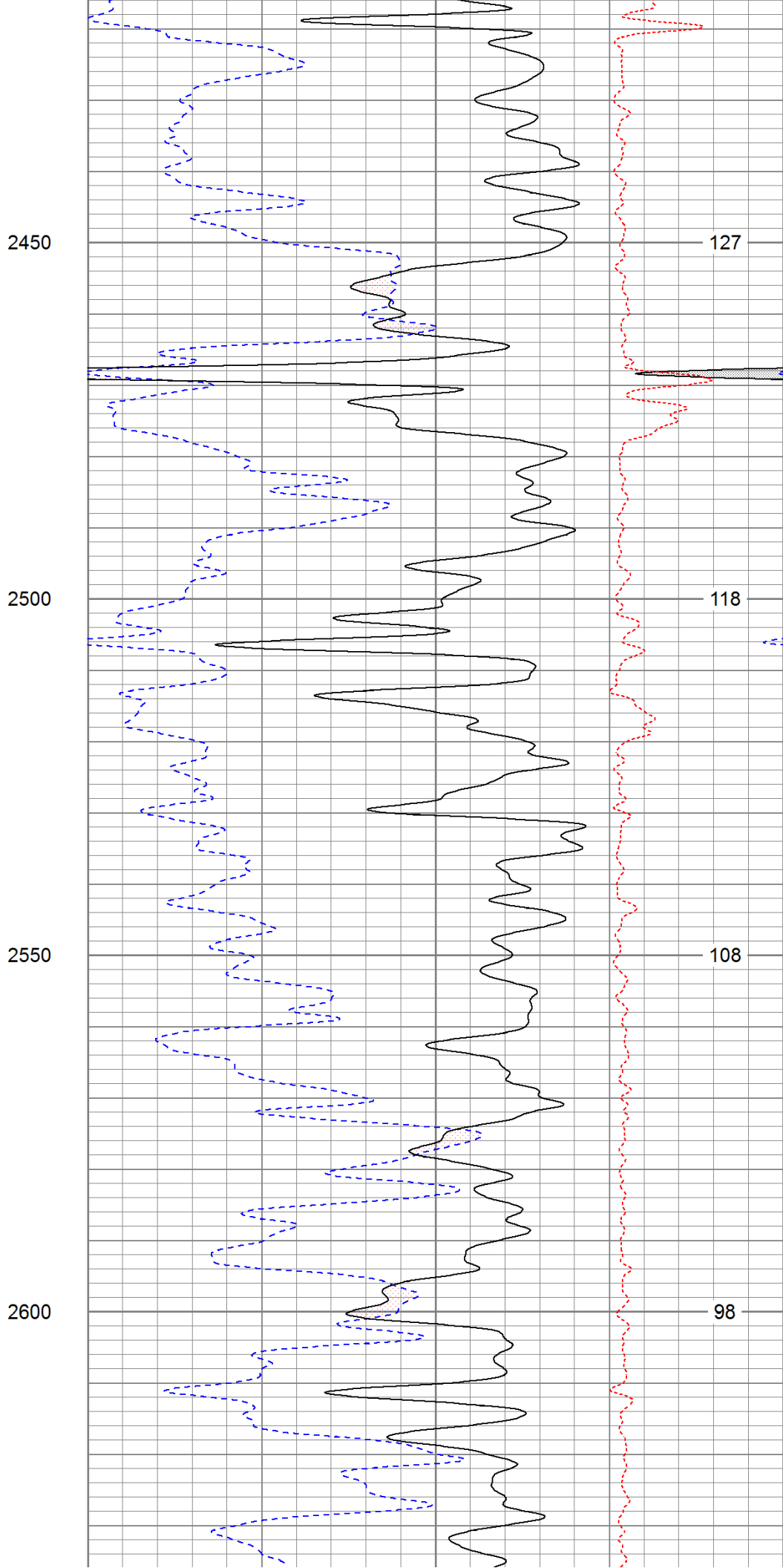
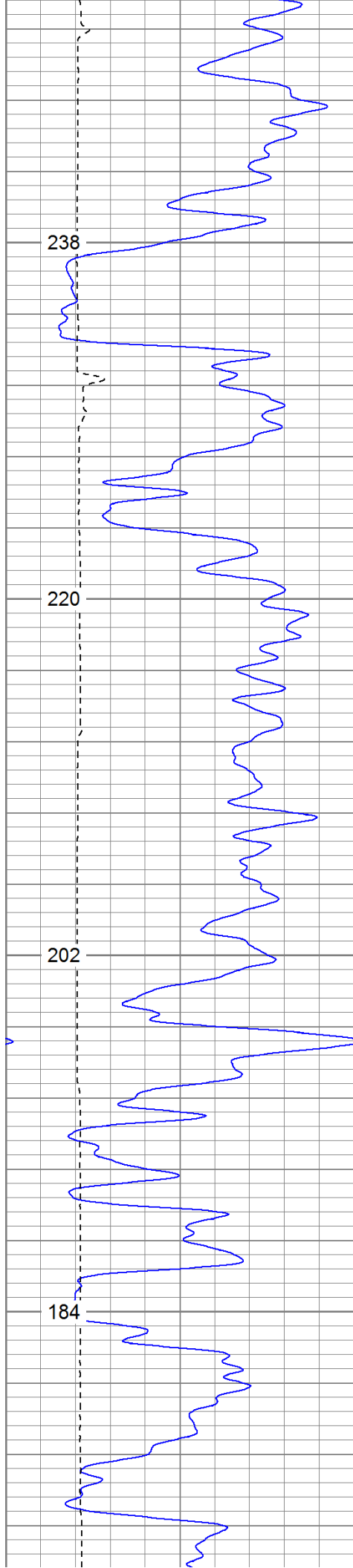


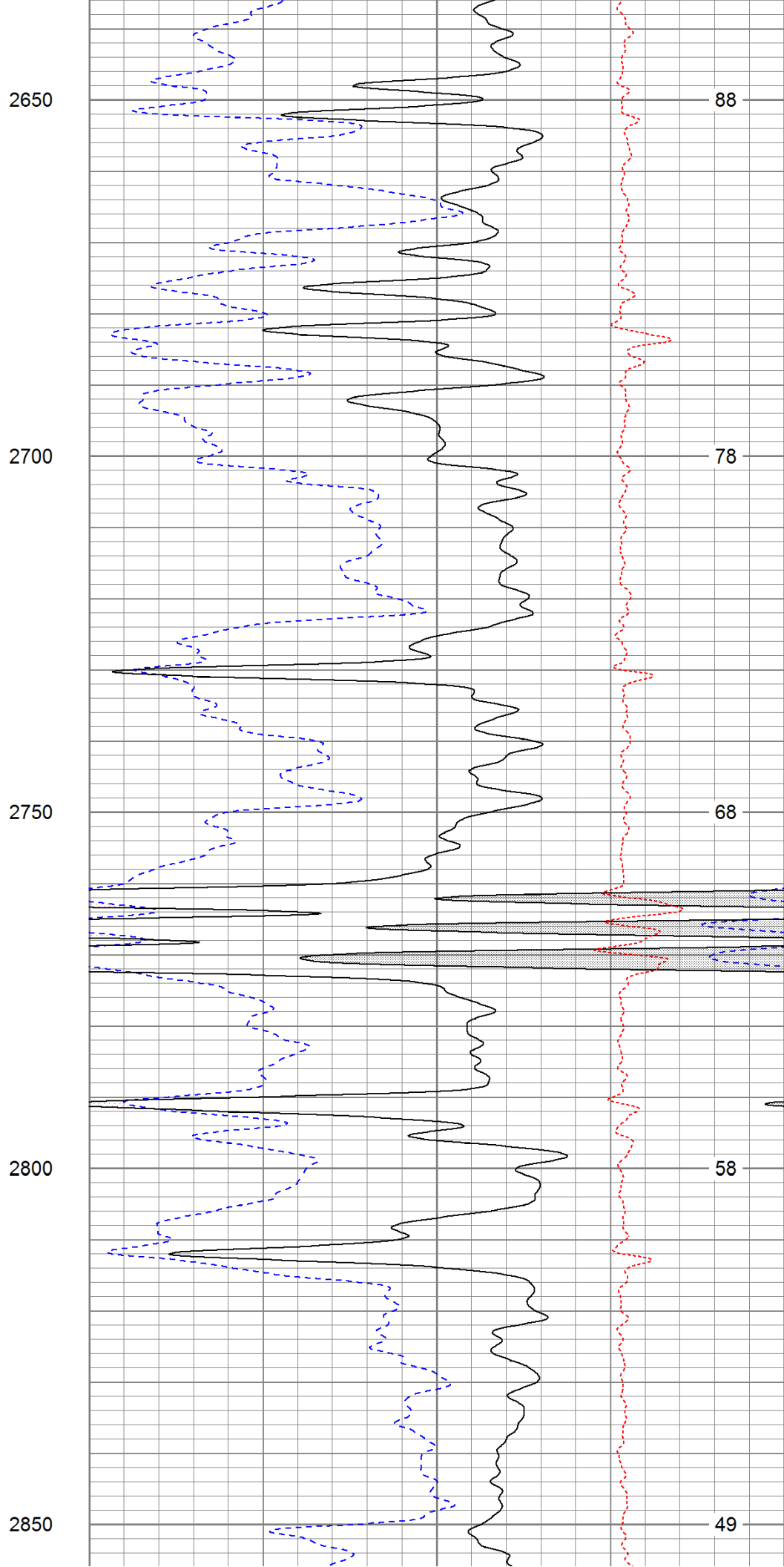
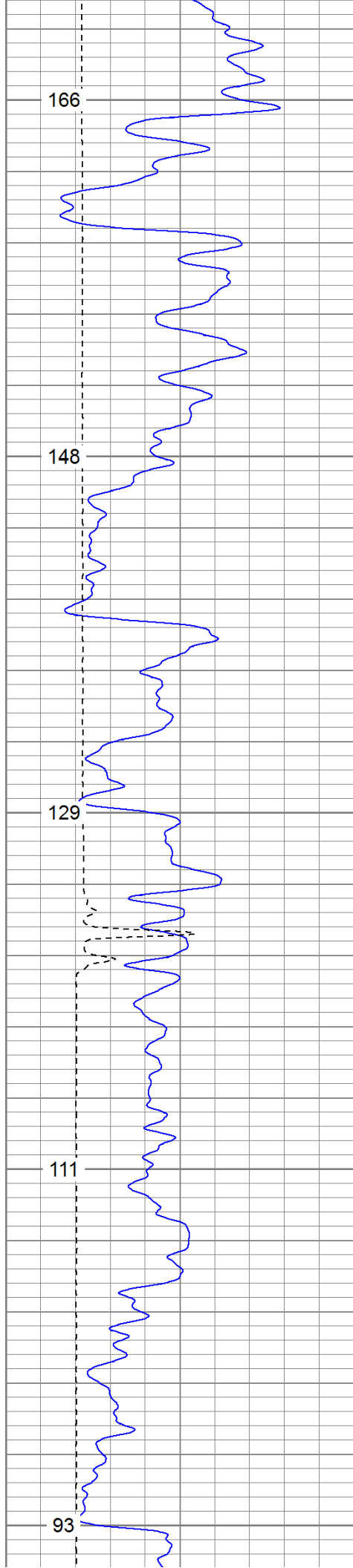


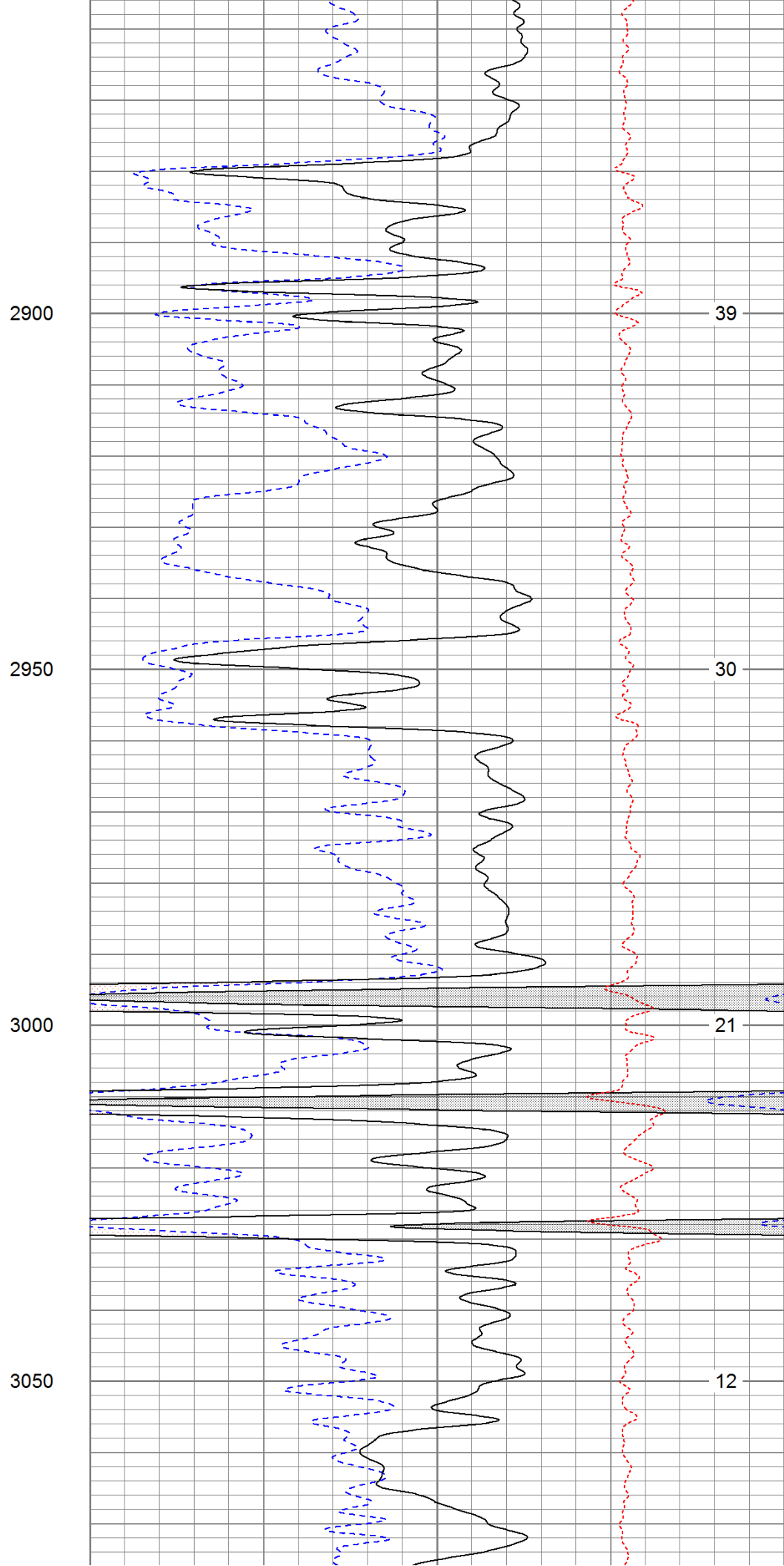
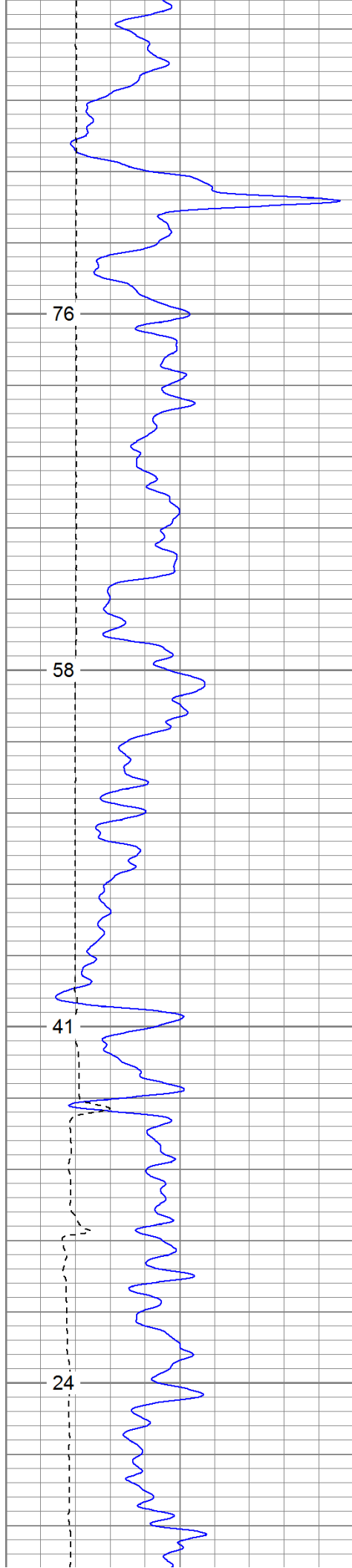


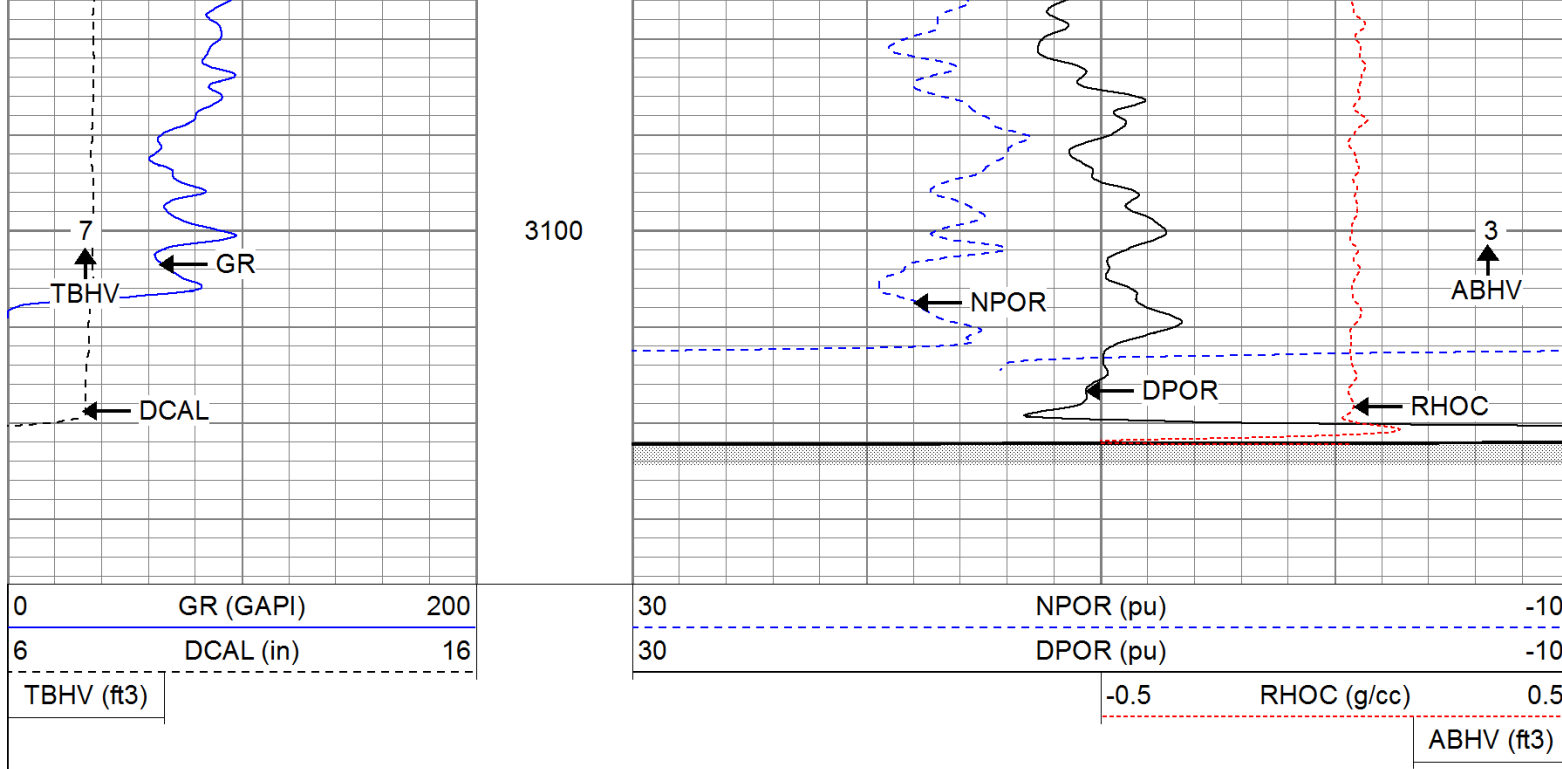






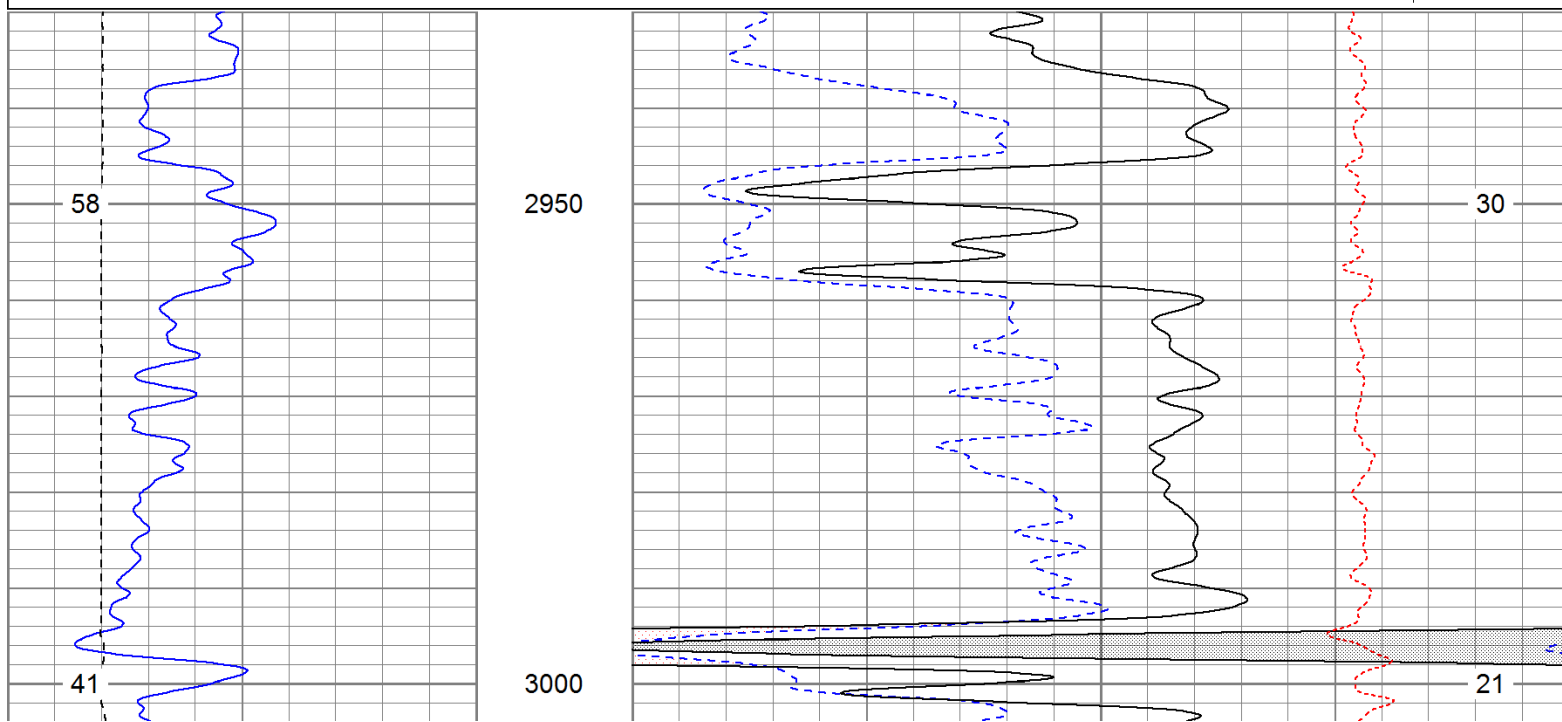
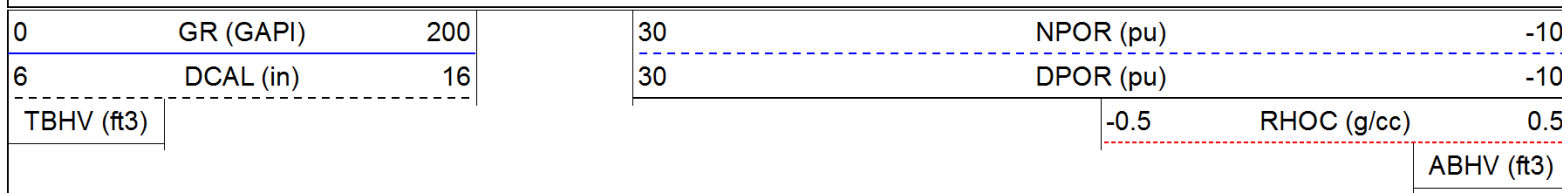


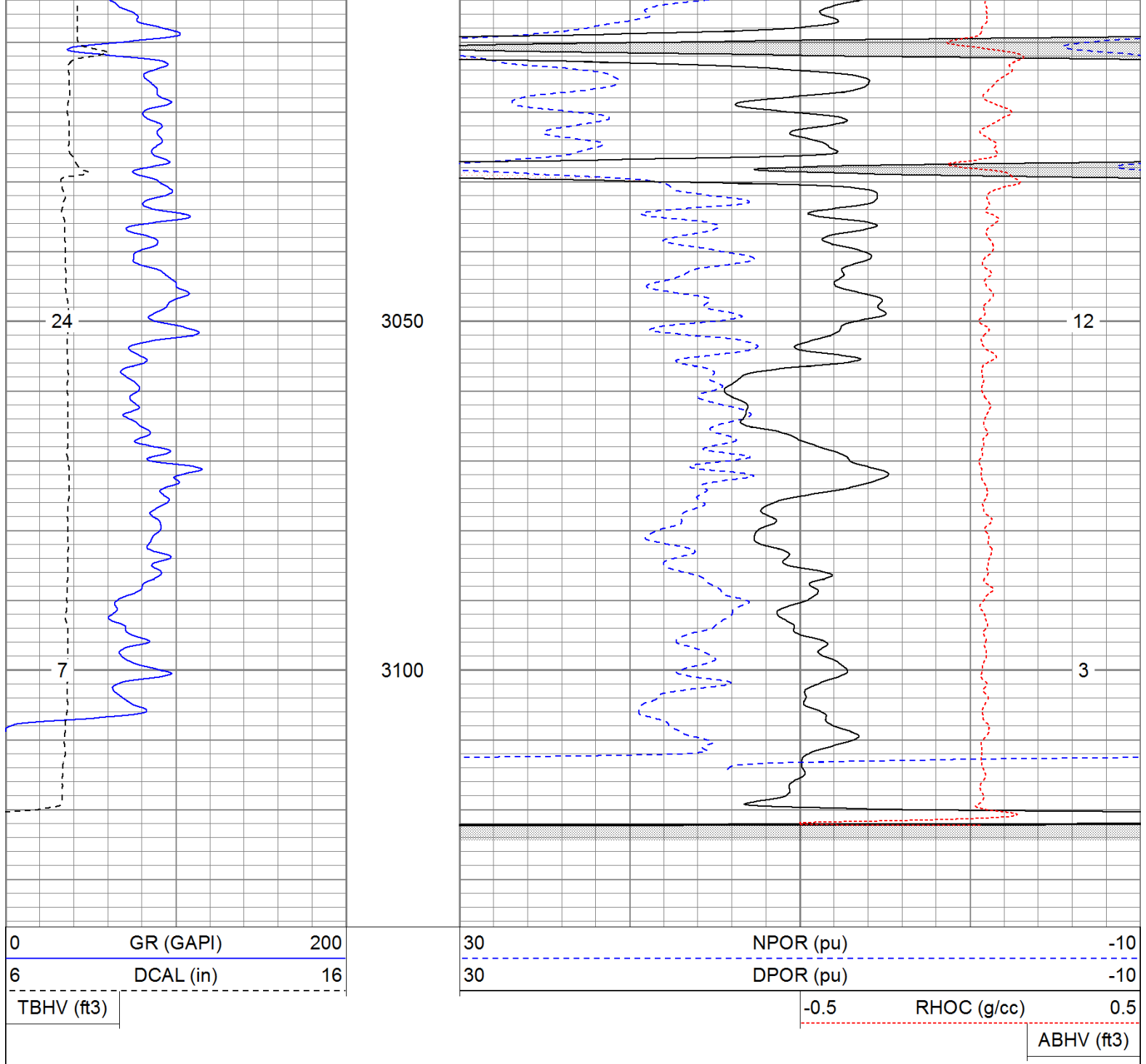




Repeat Pass

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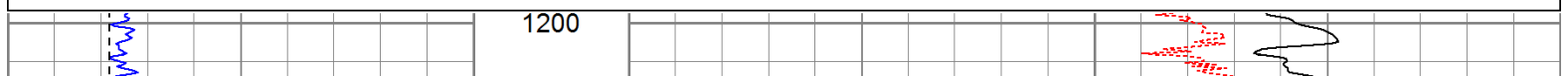


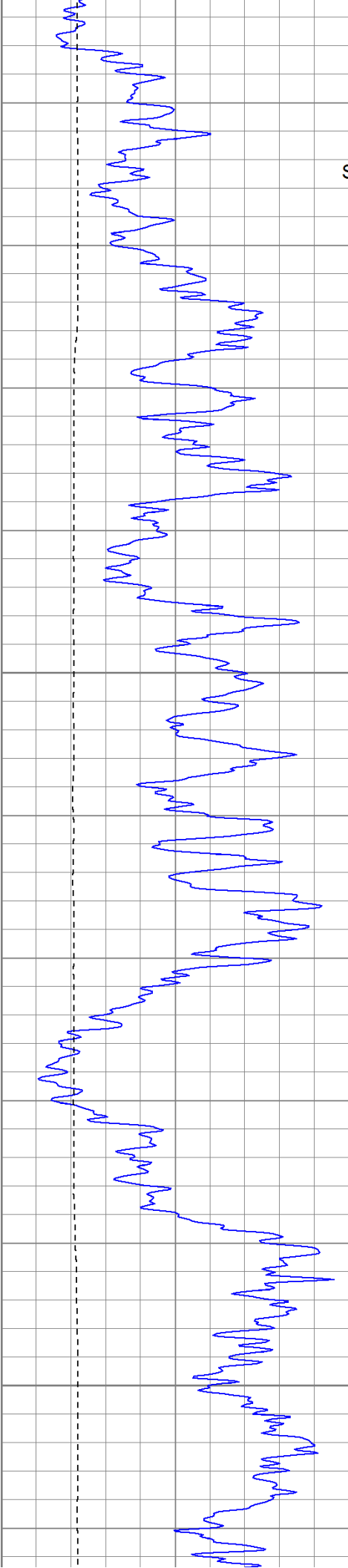


High Resolution Pass

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Charted by: Depth in Feet scaled 1:1200

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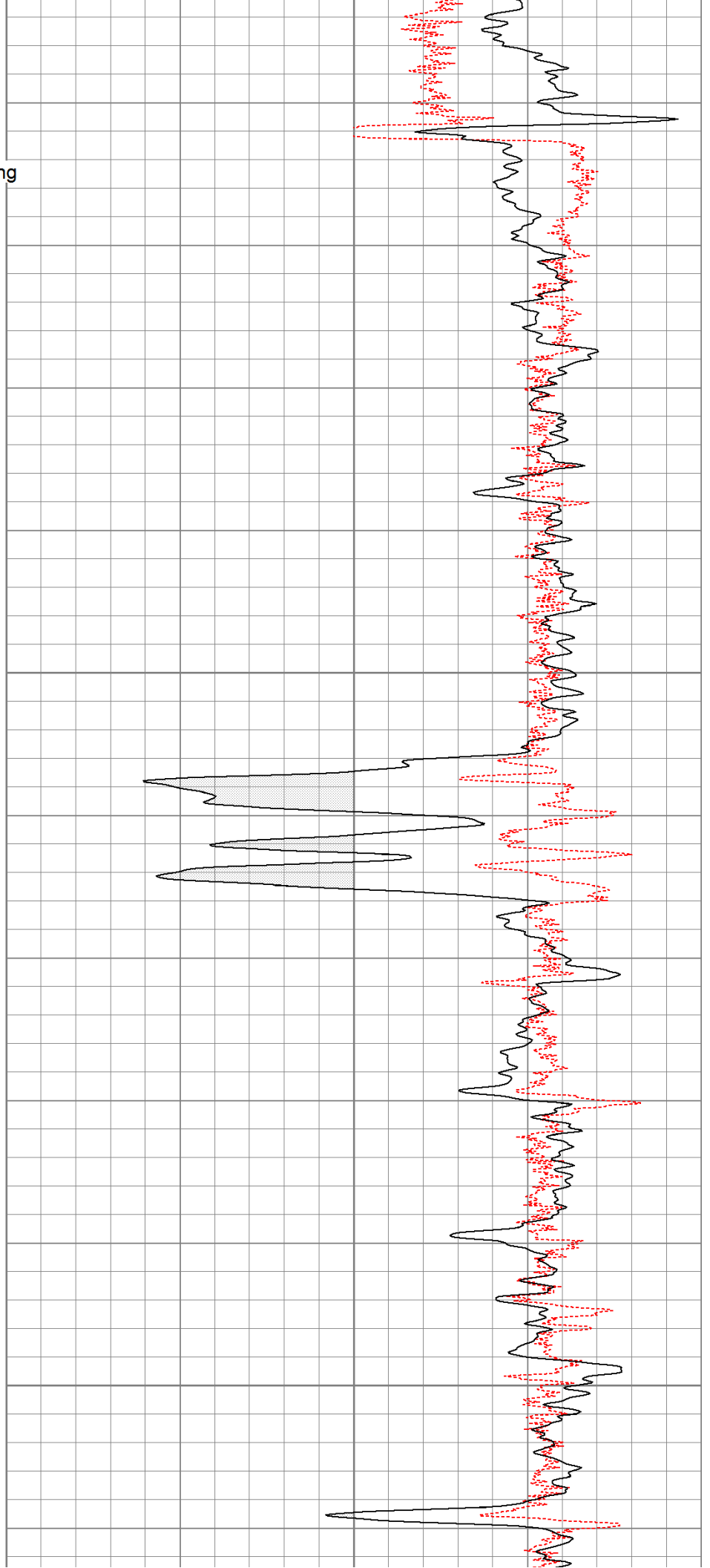


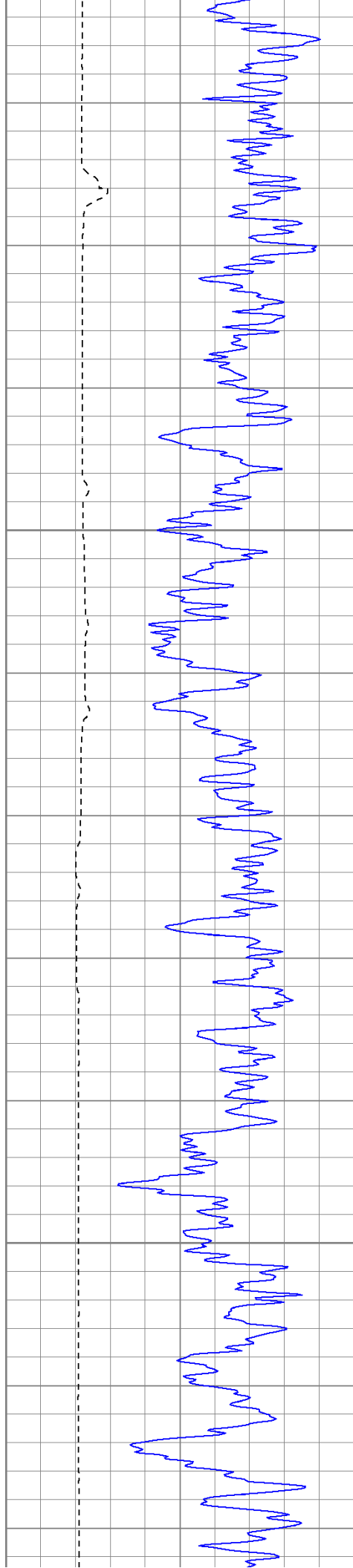


Surface Casing

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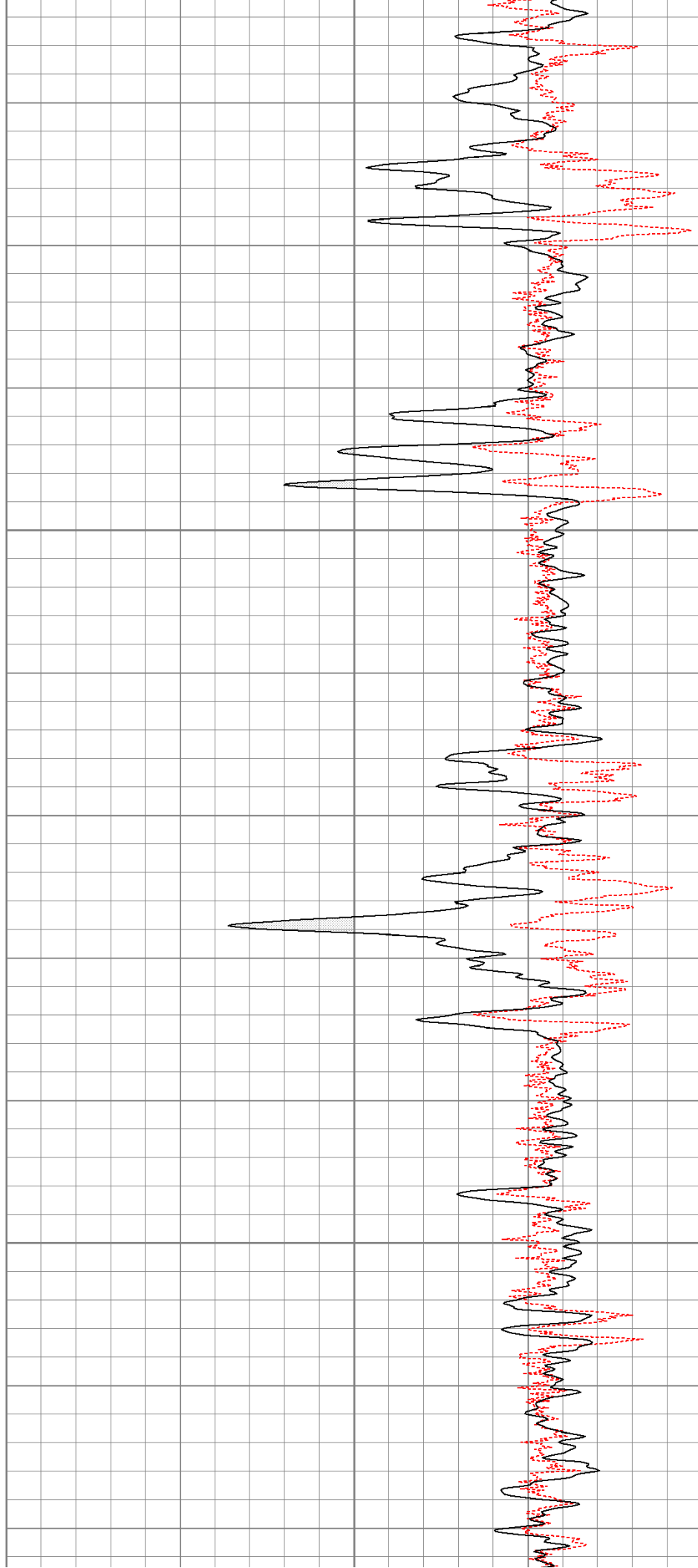
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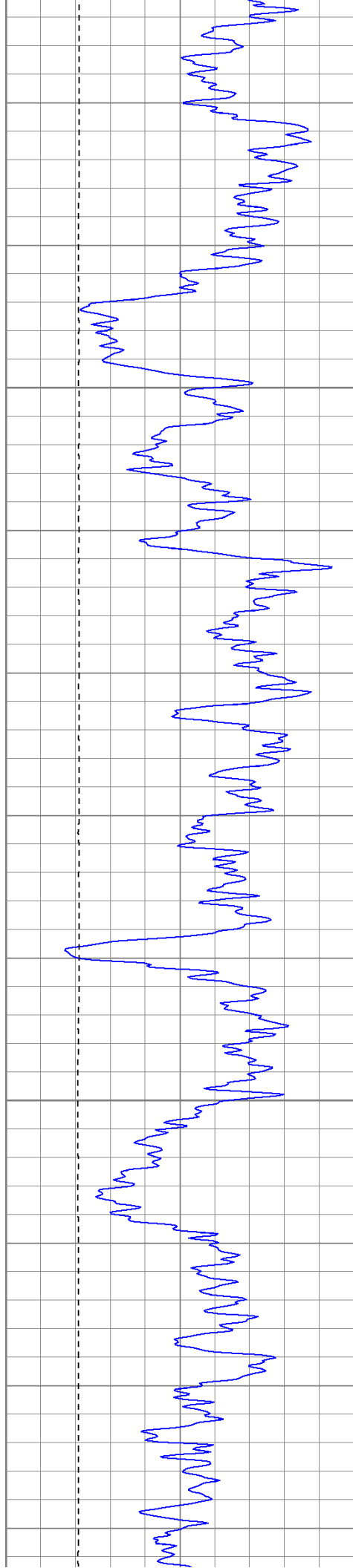




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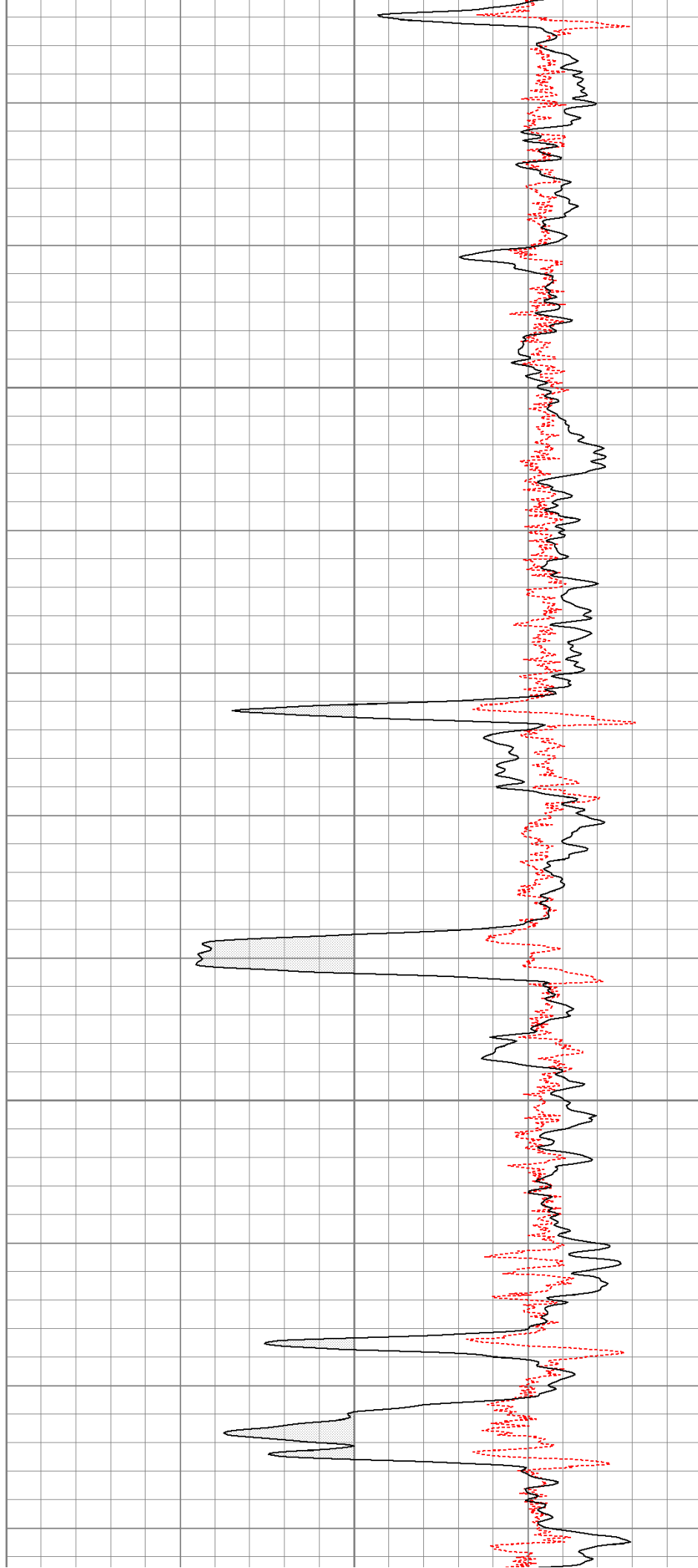
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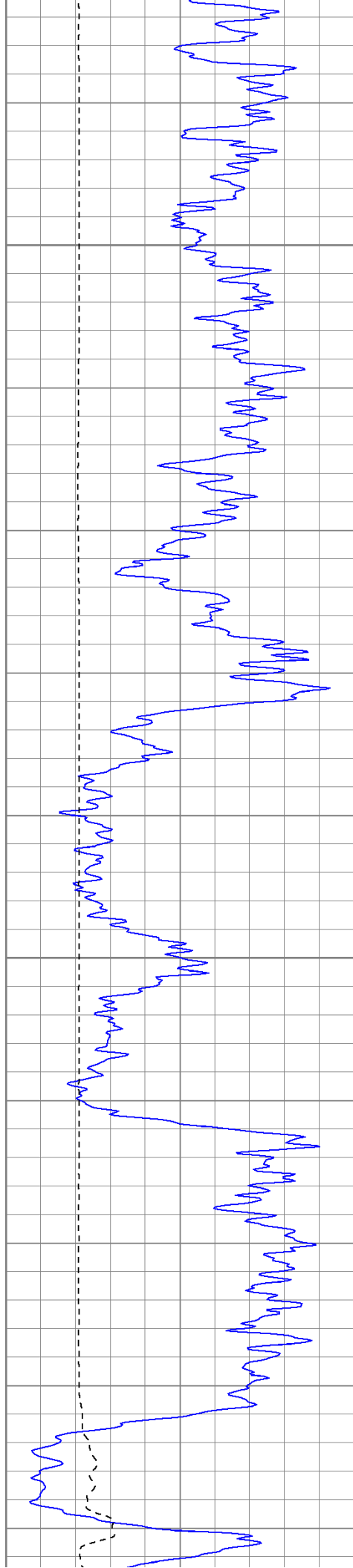




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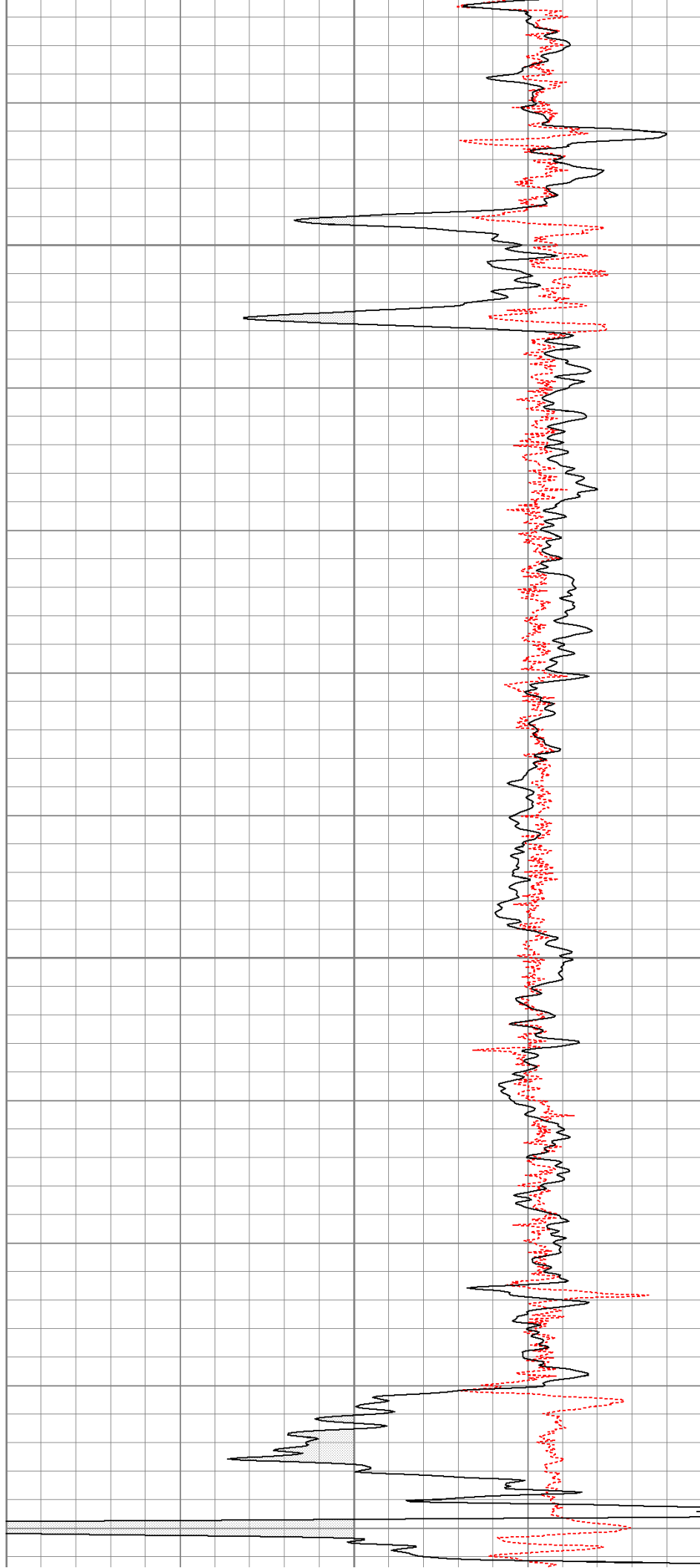
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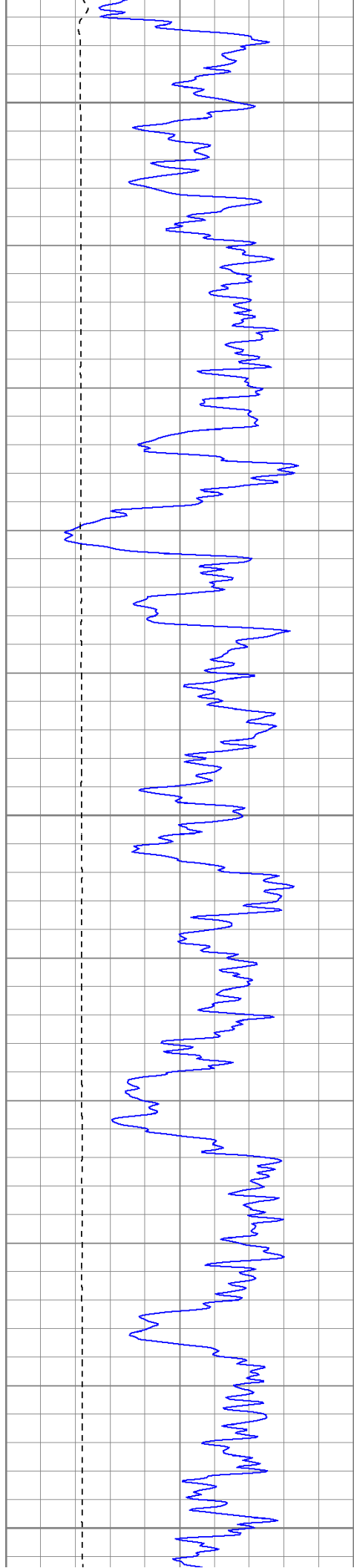




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1600

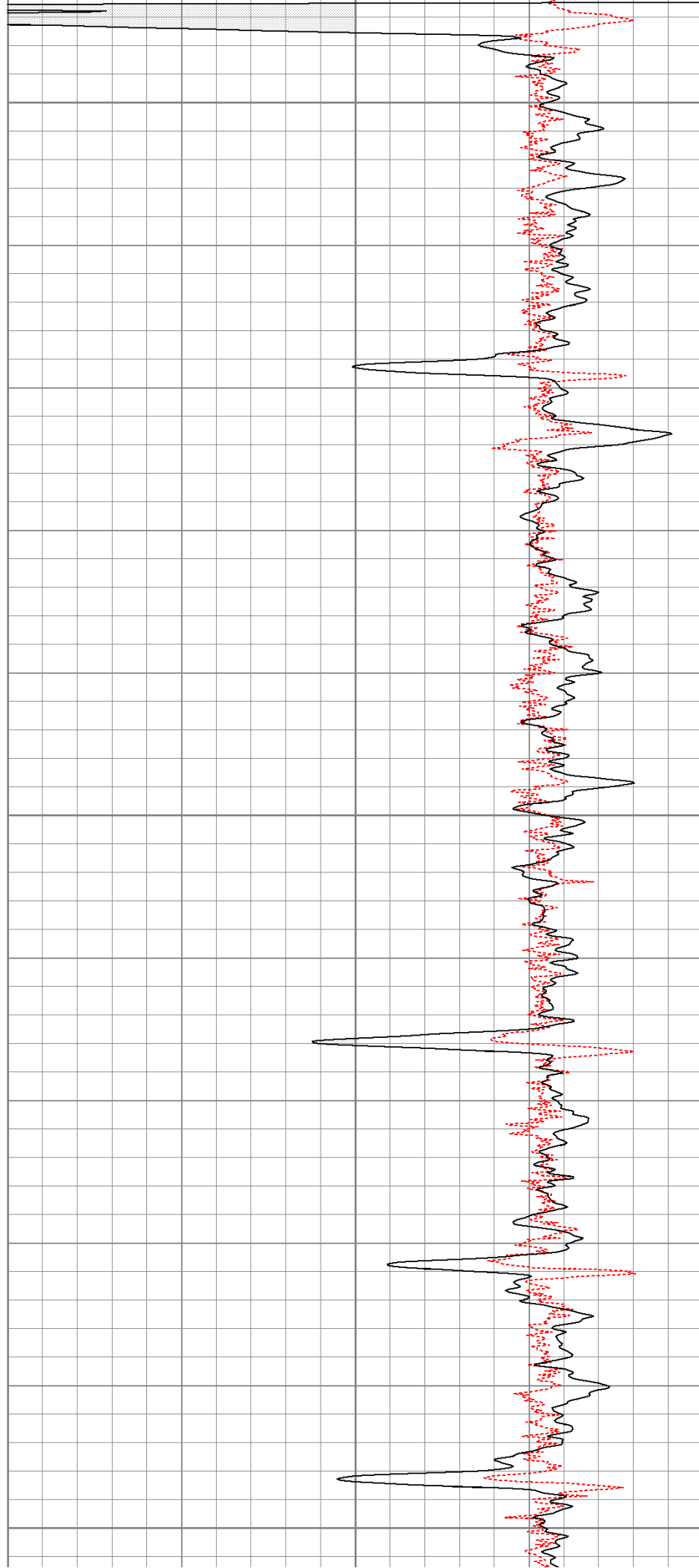


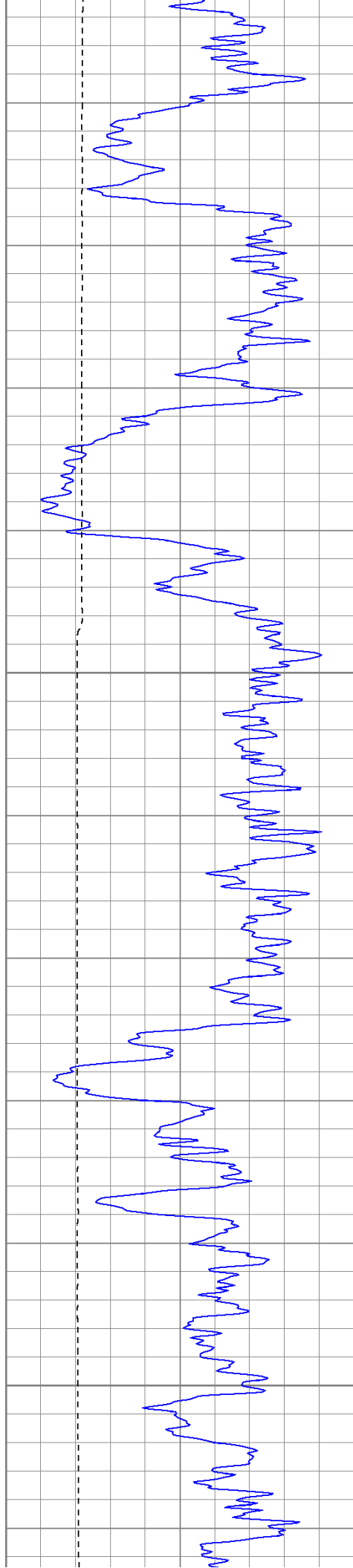


1650

1700

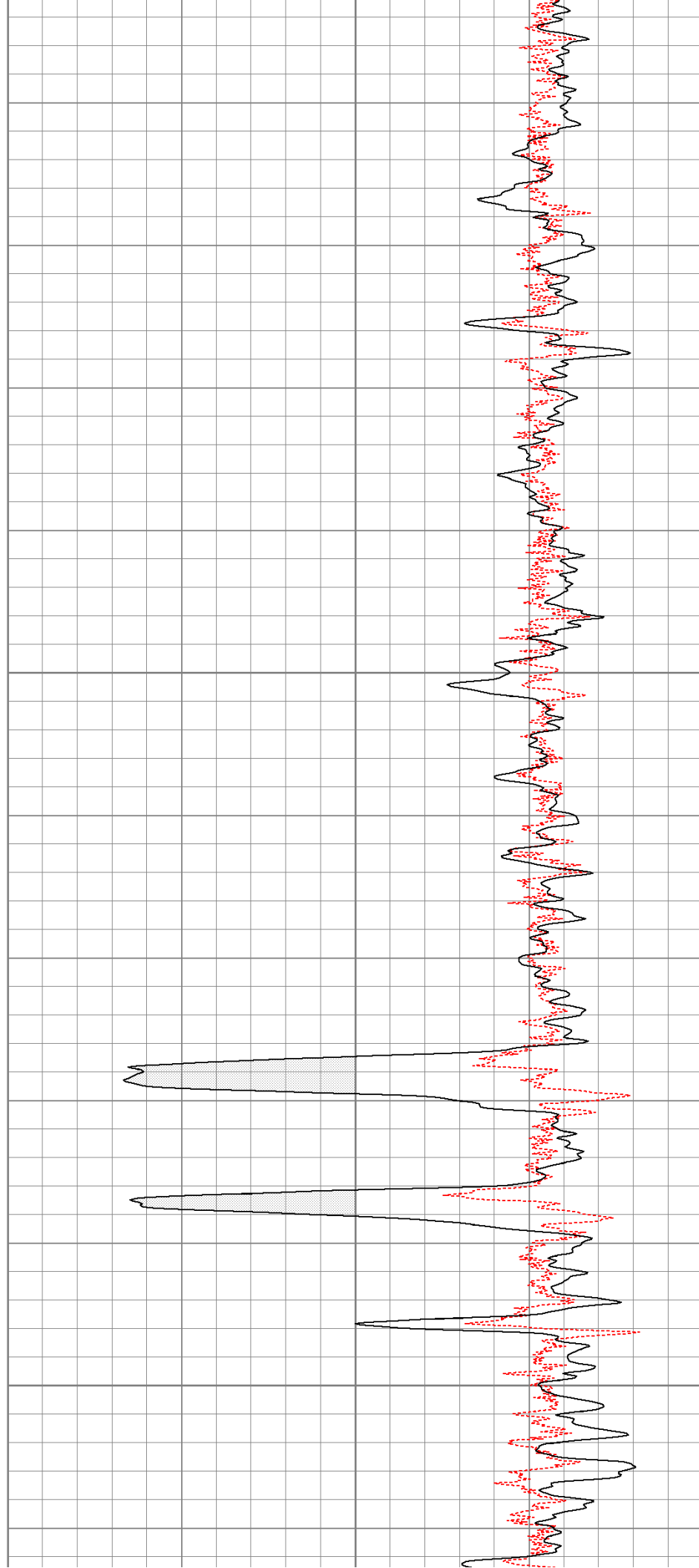
1750

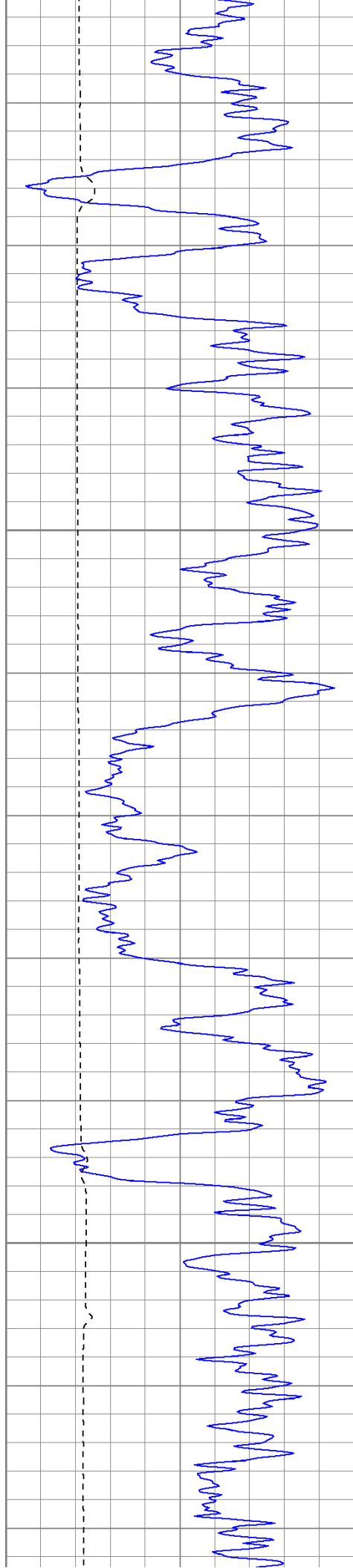




1800

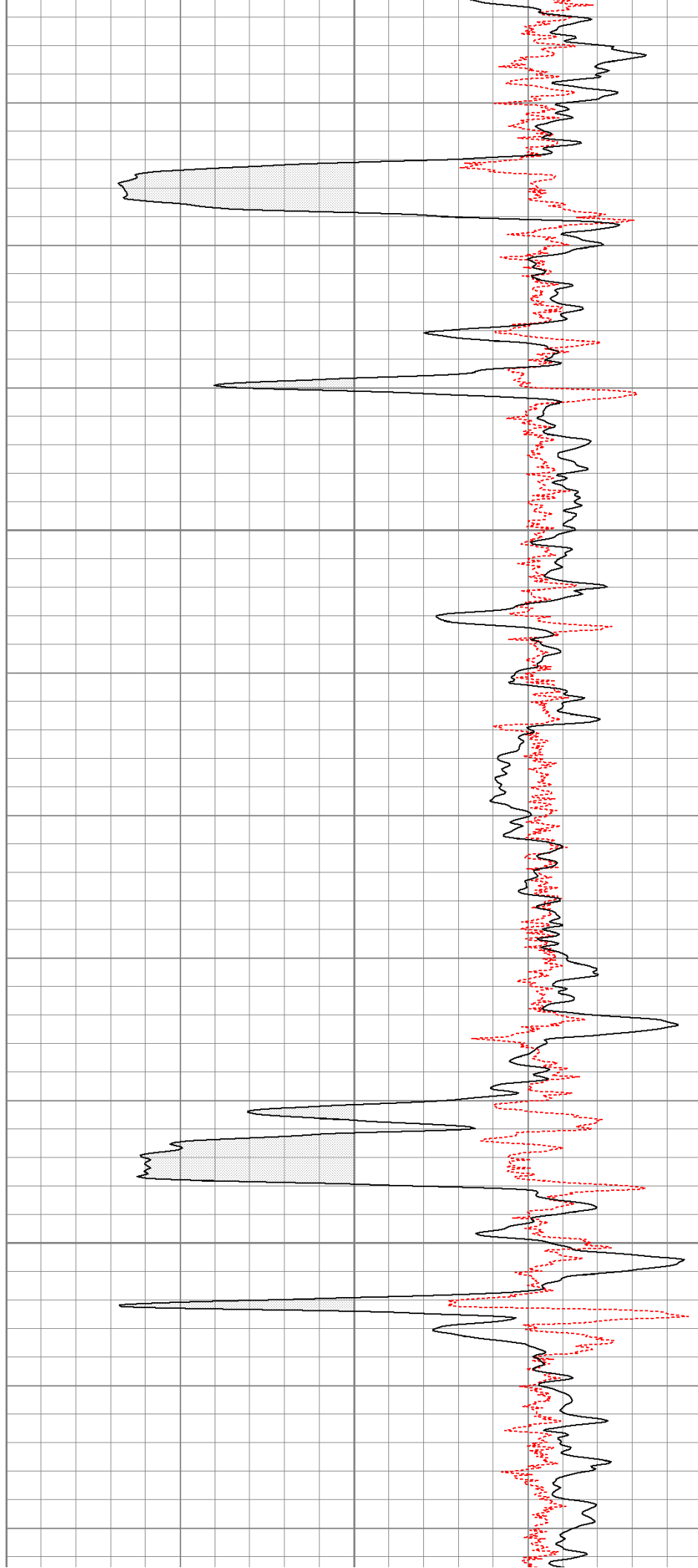
1850

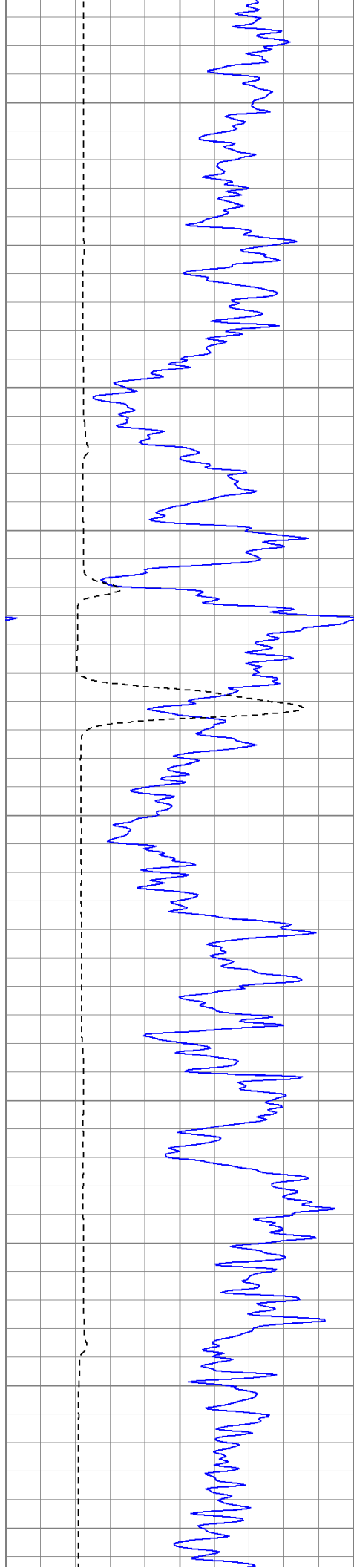




1900

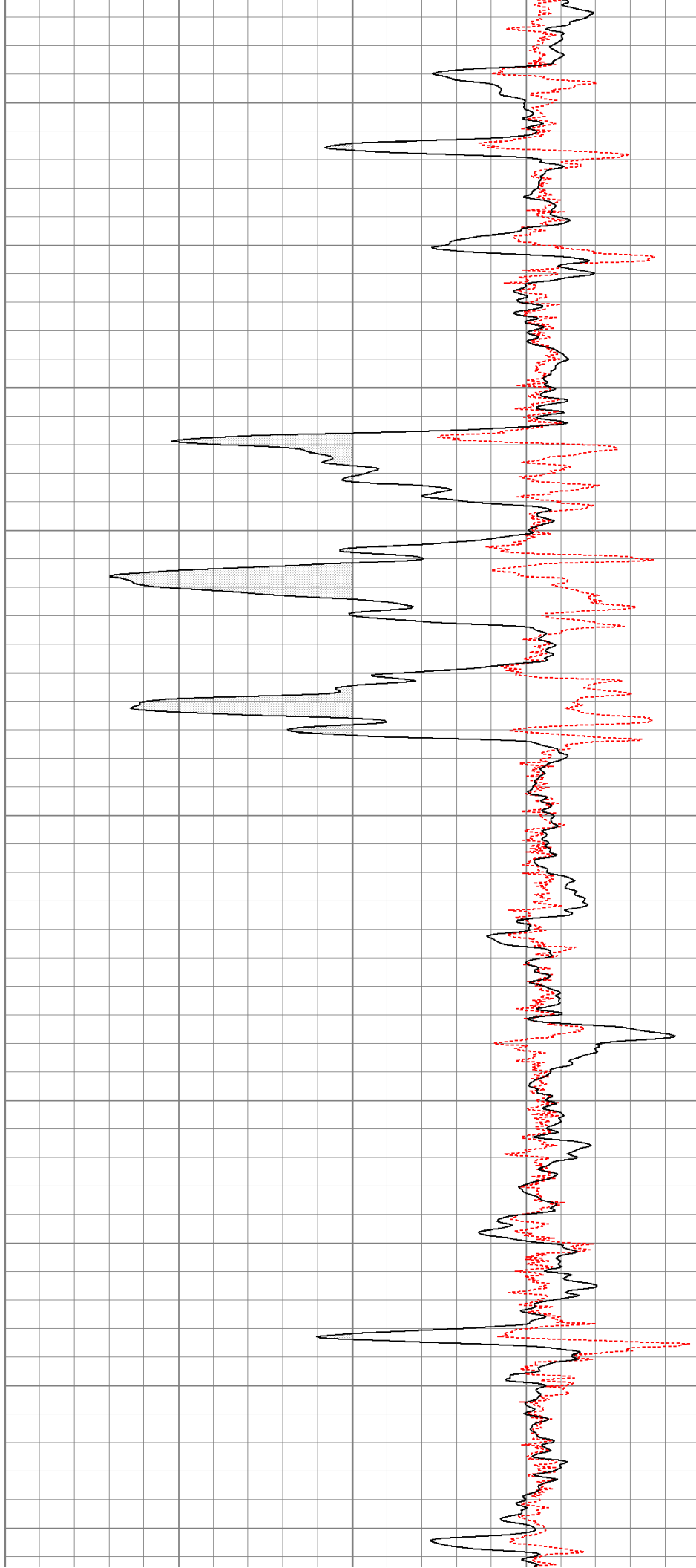
1950

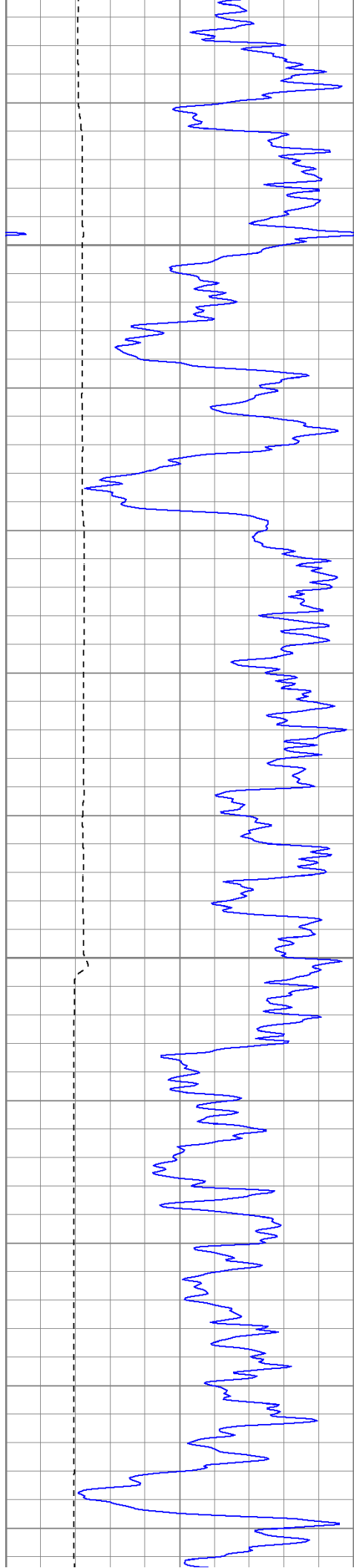




2000

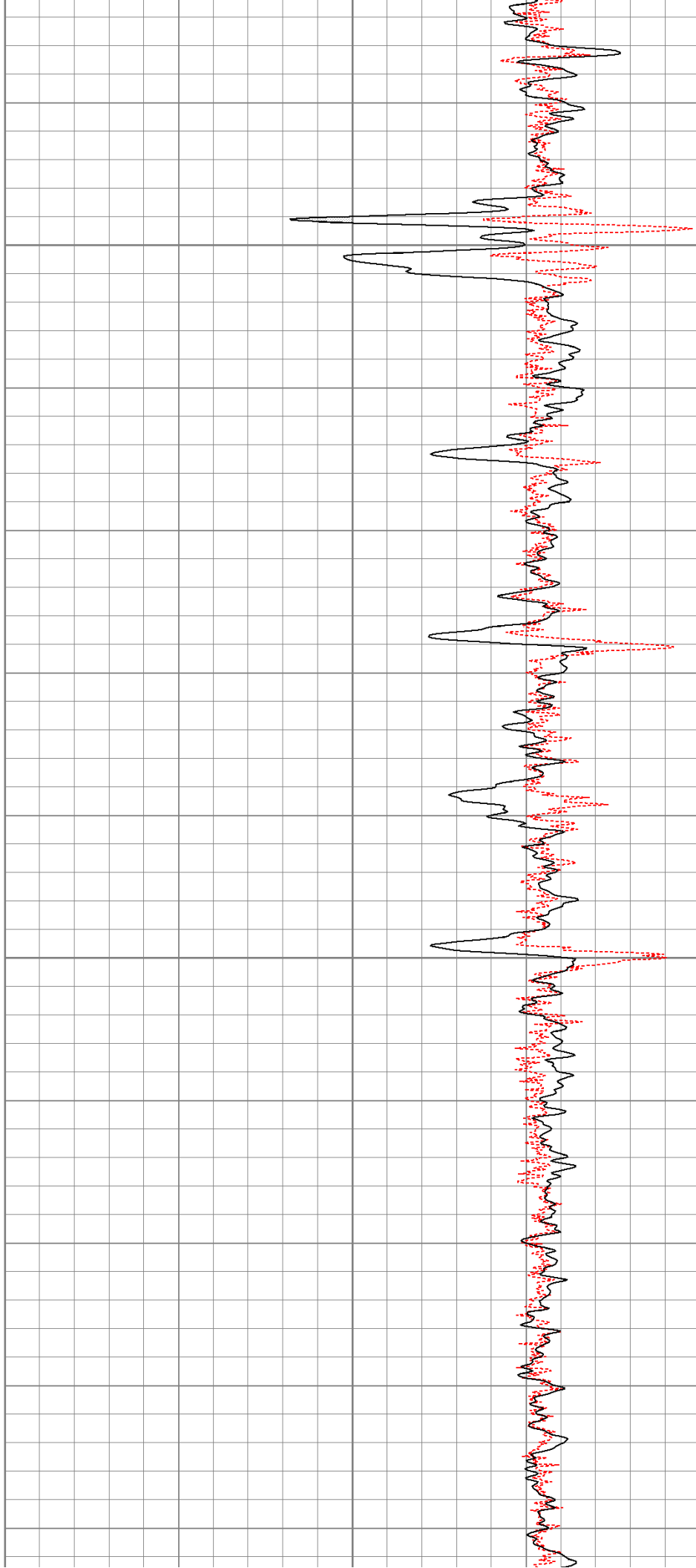
2050

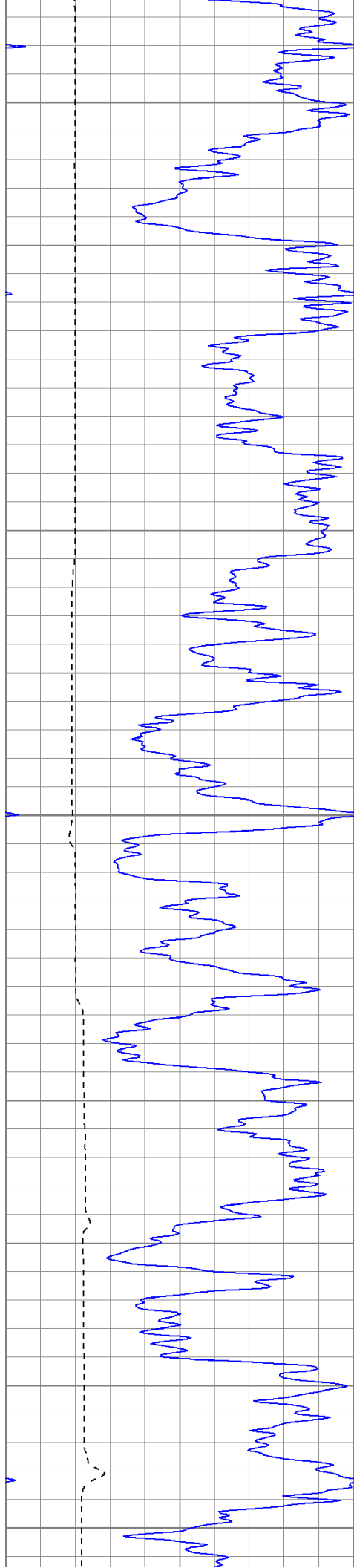




2100

2150

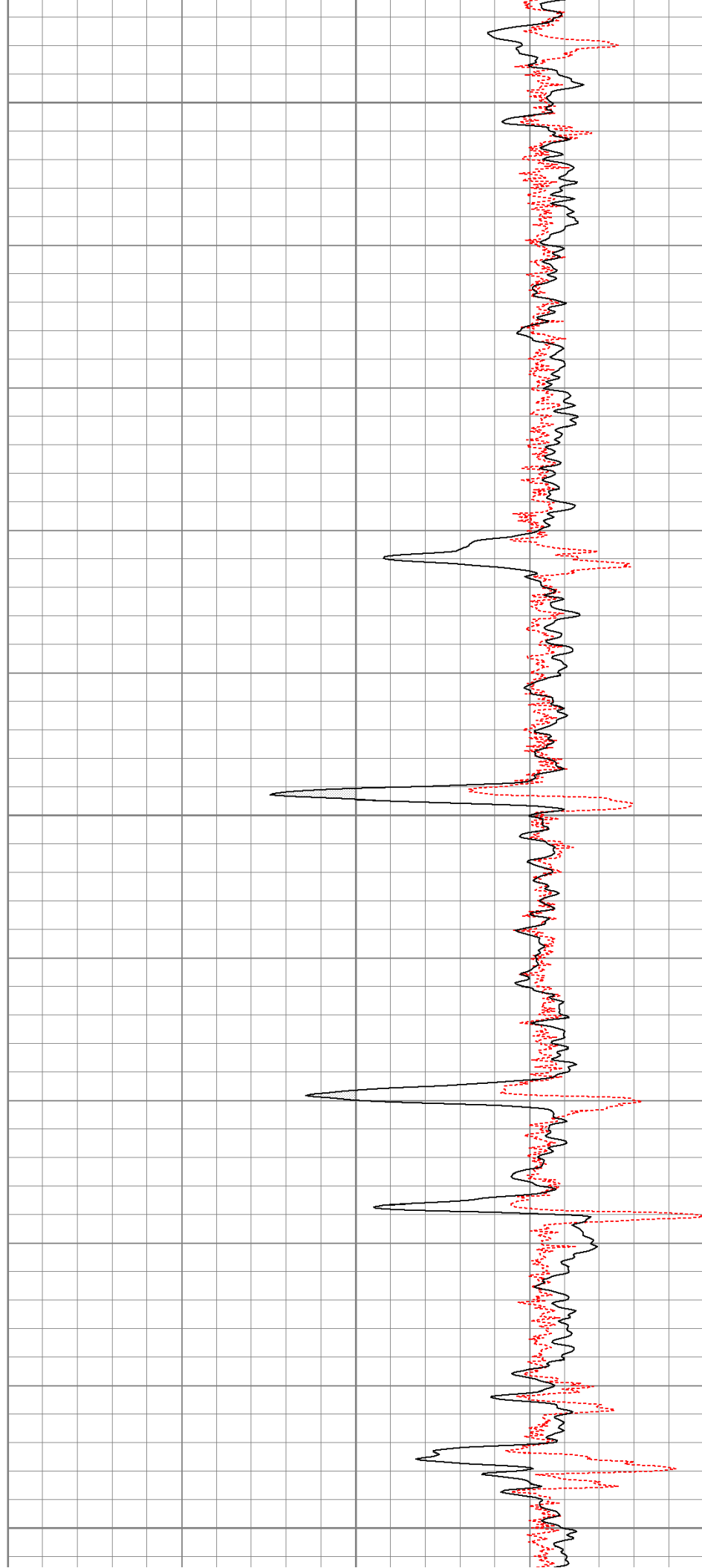


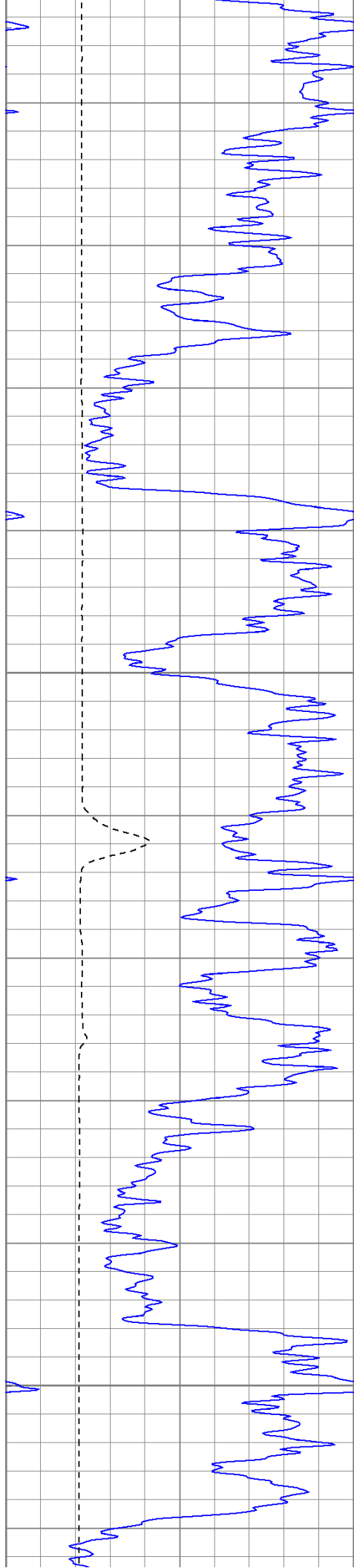


2200

2250

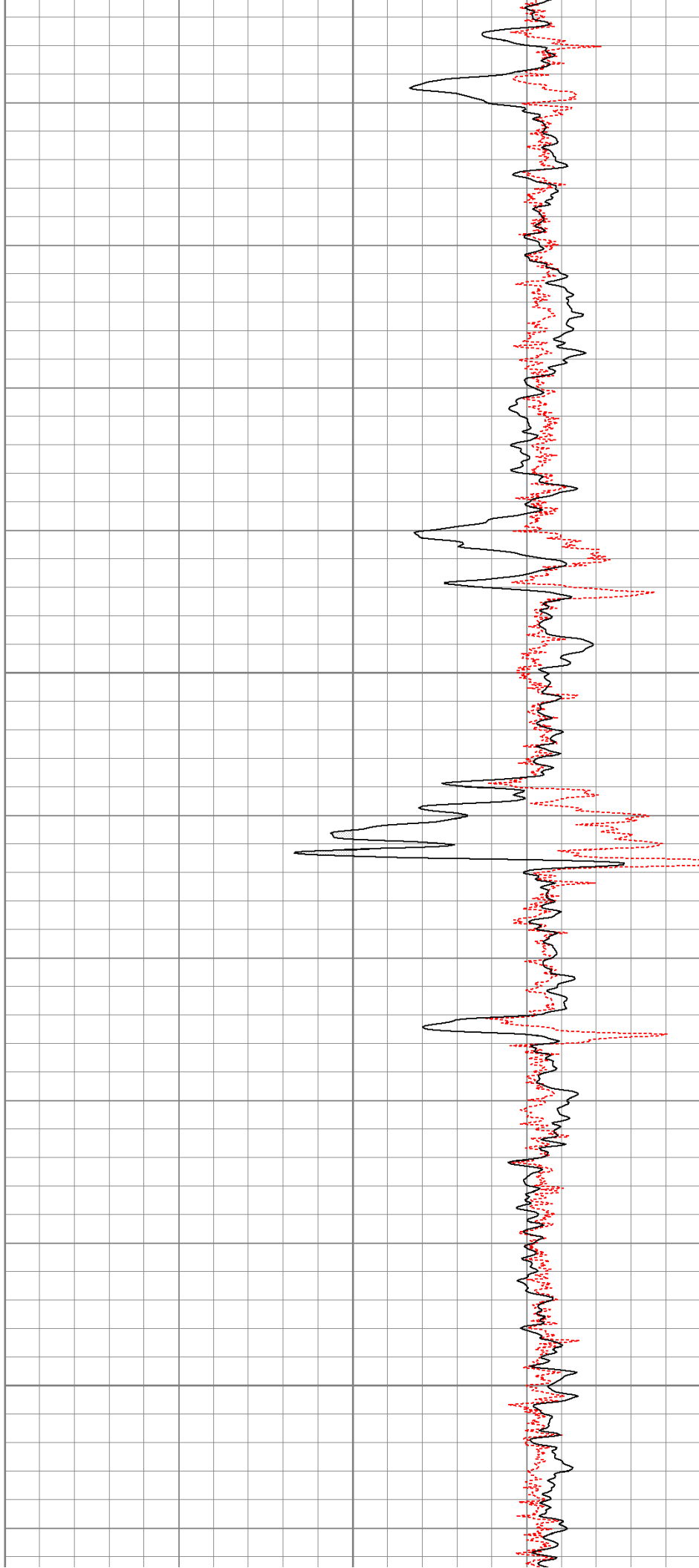
2300

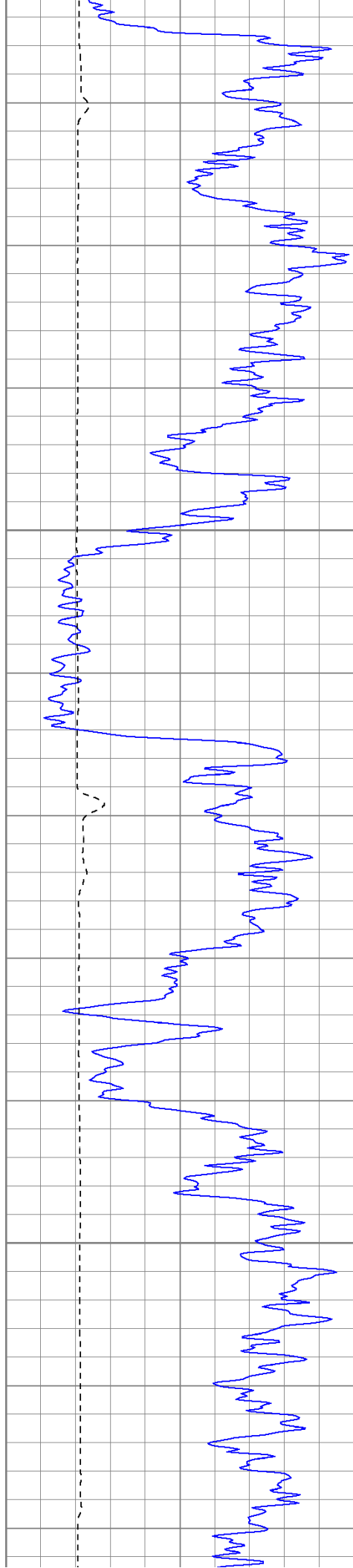




2350

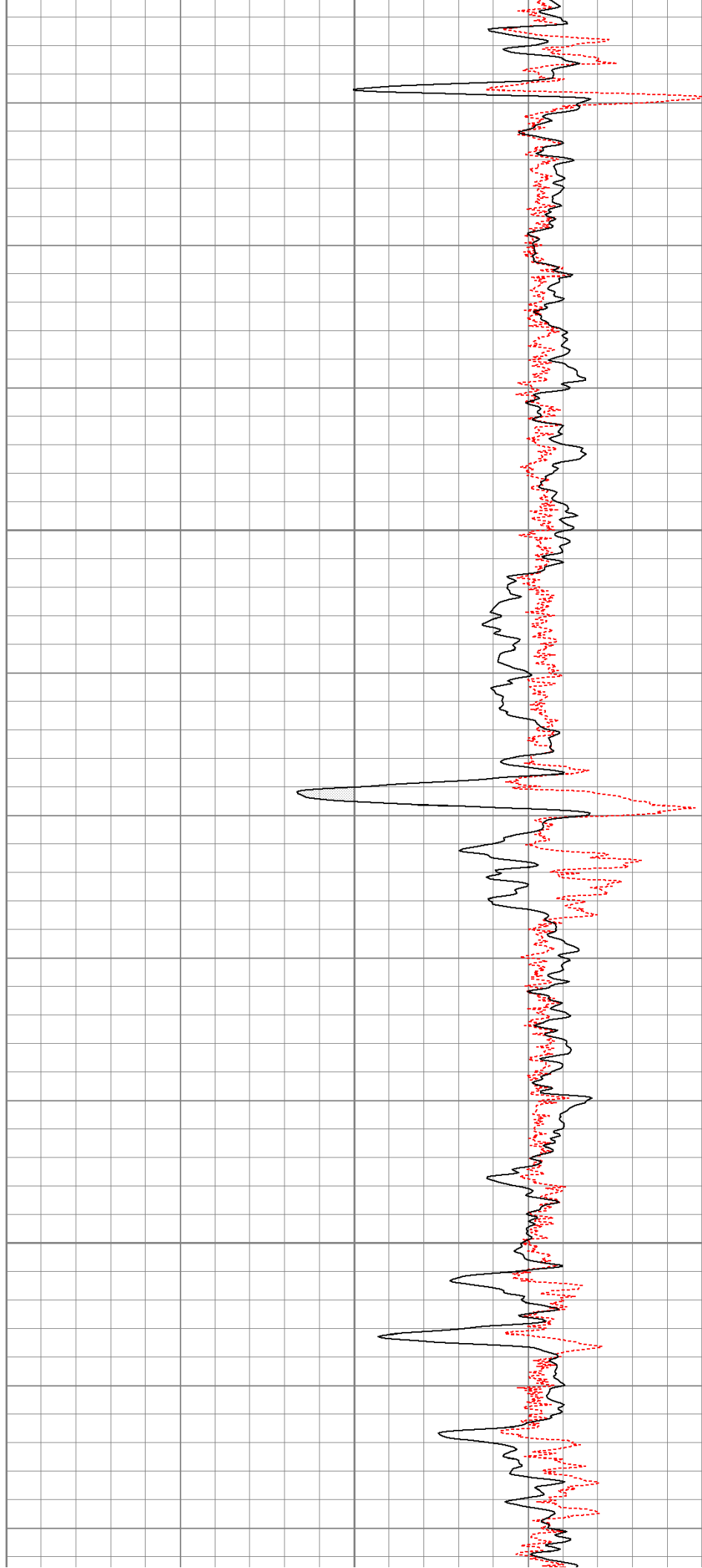
2400

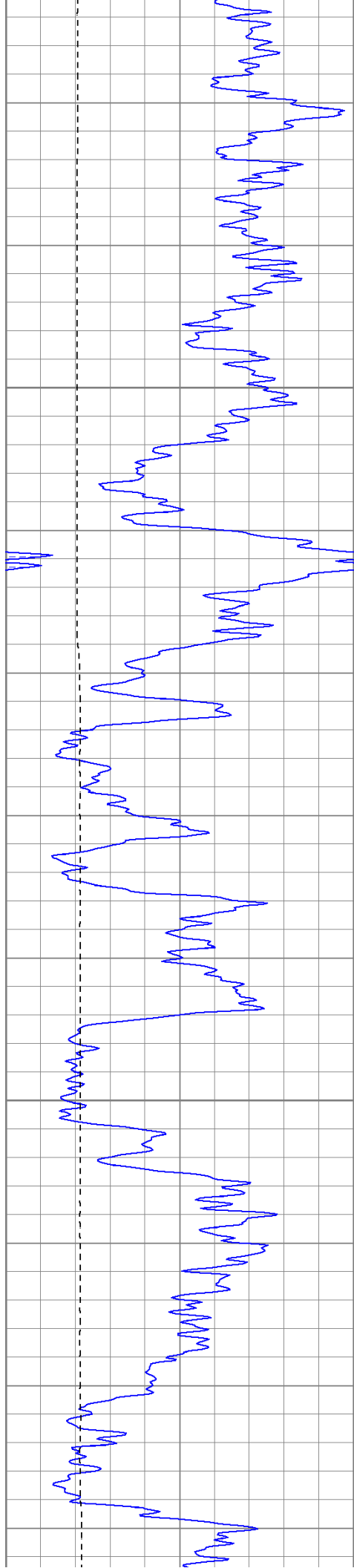




2450

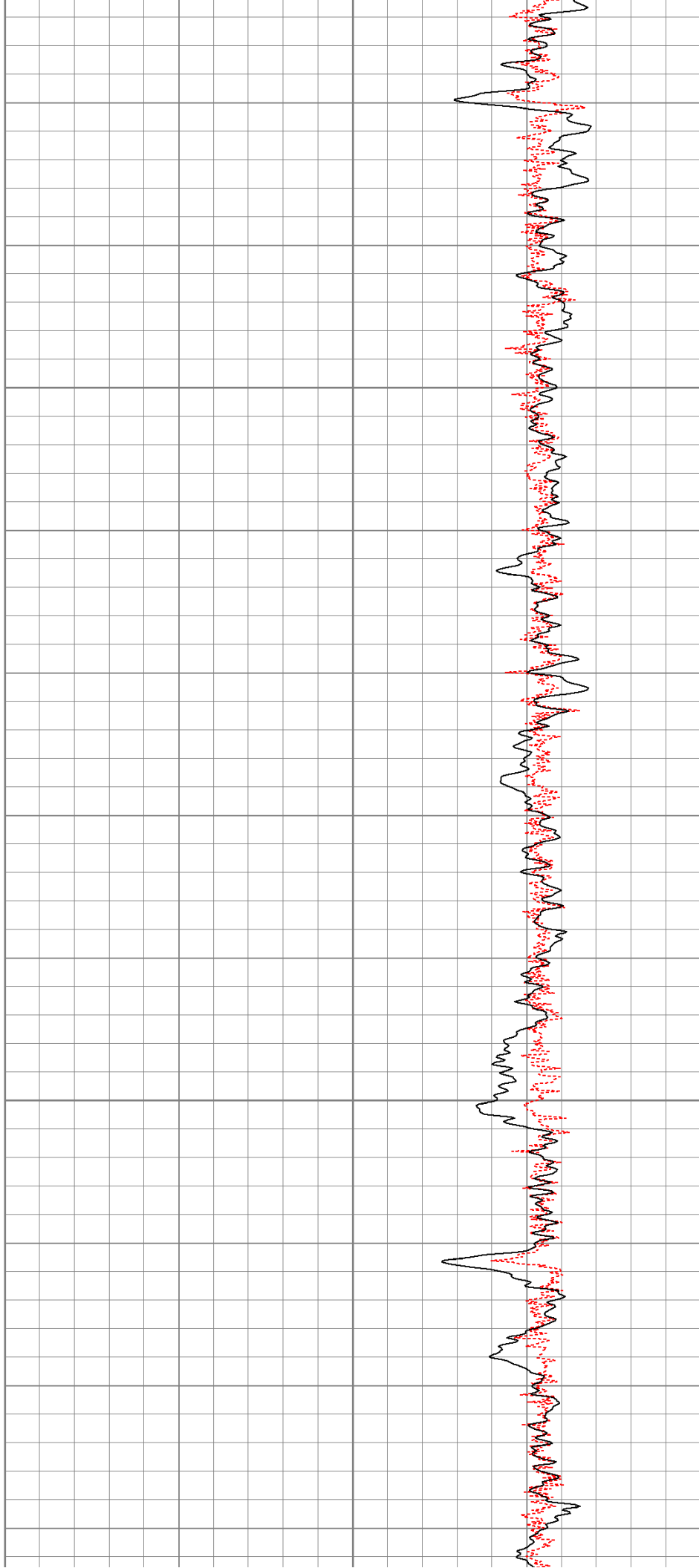
2500

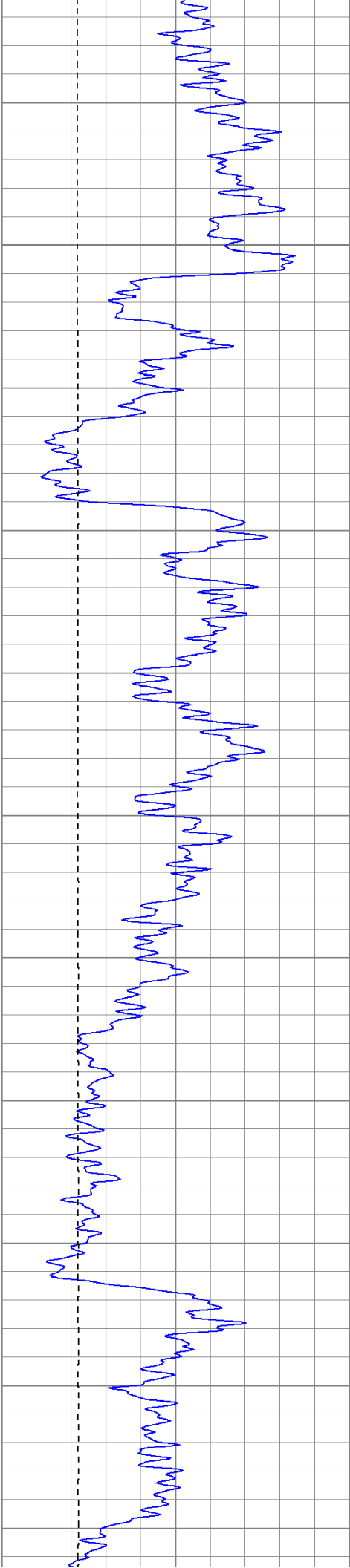




2550

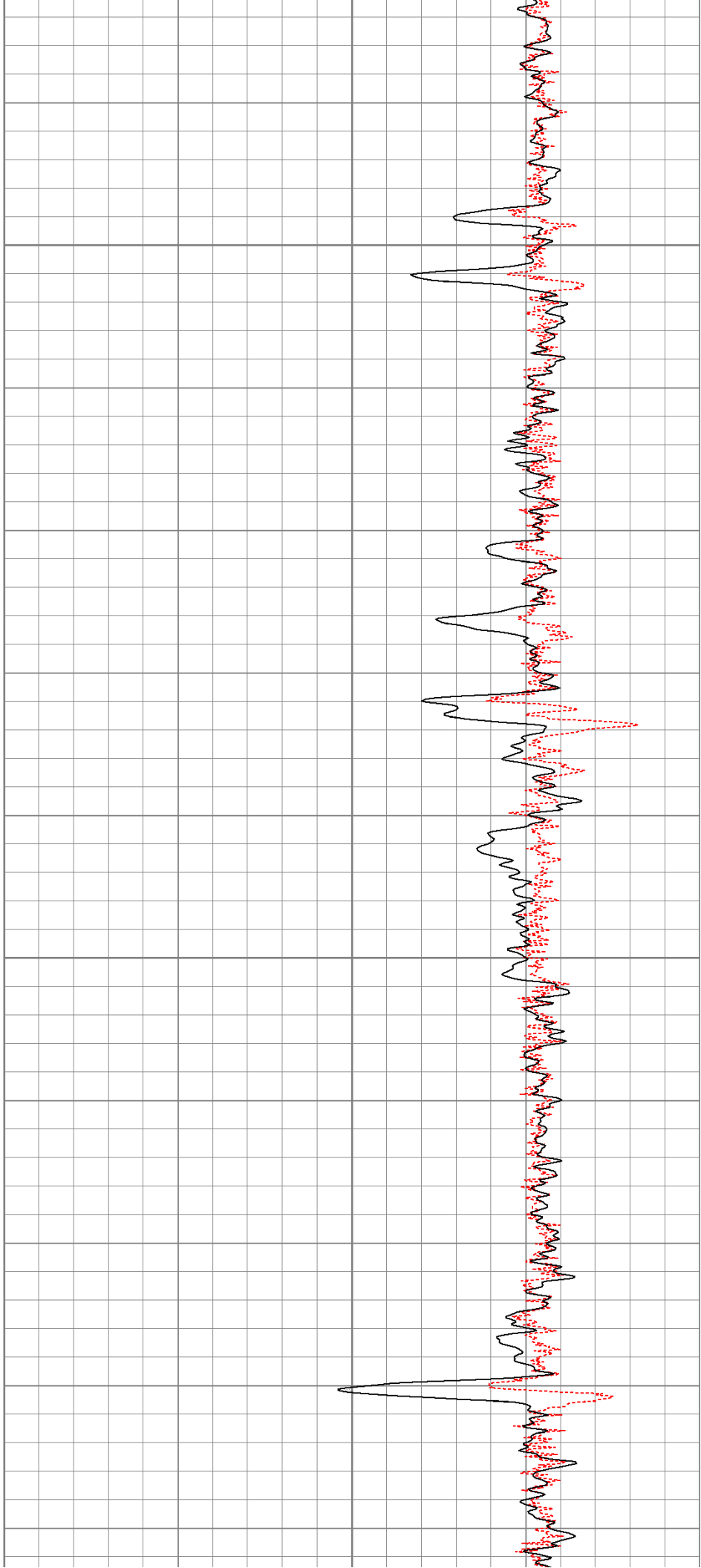
2600

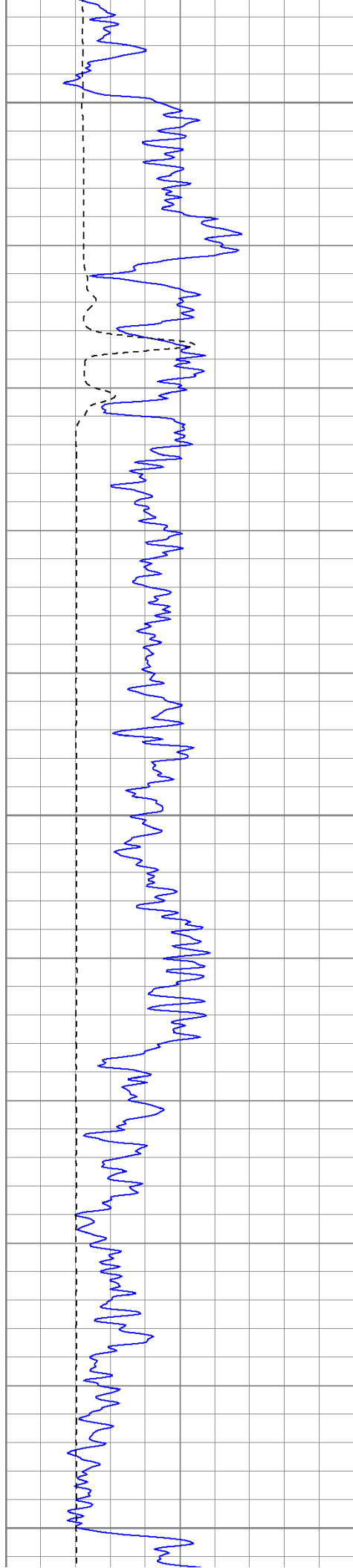




2650

2700

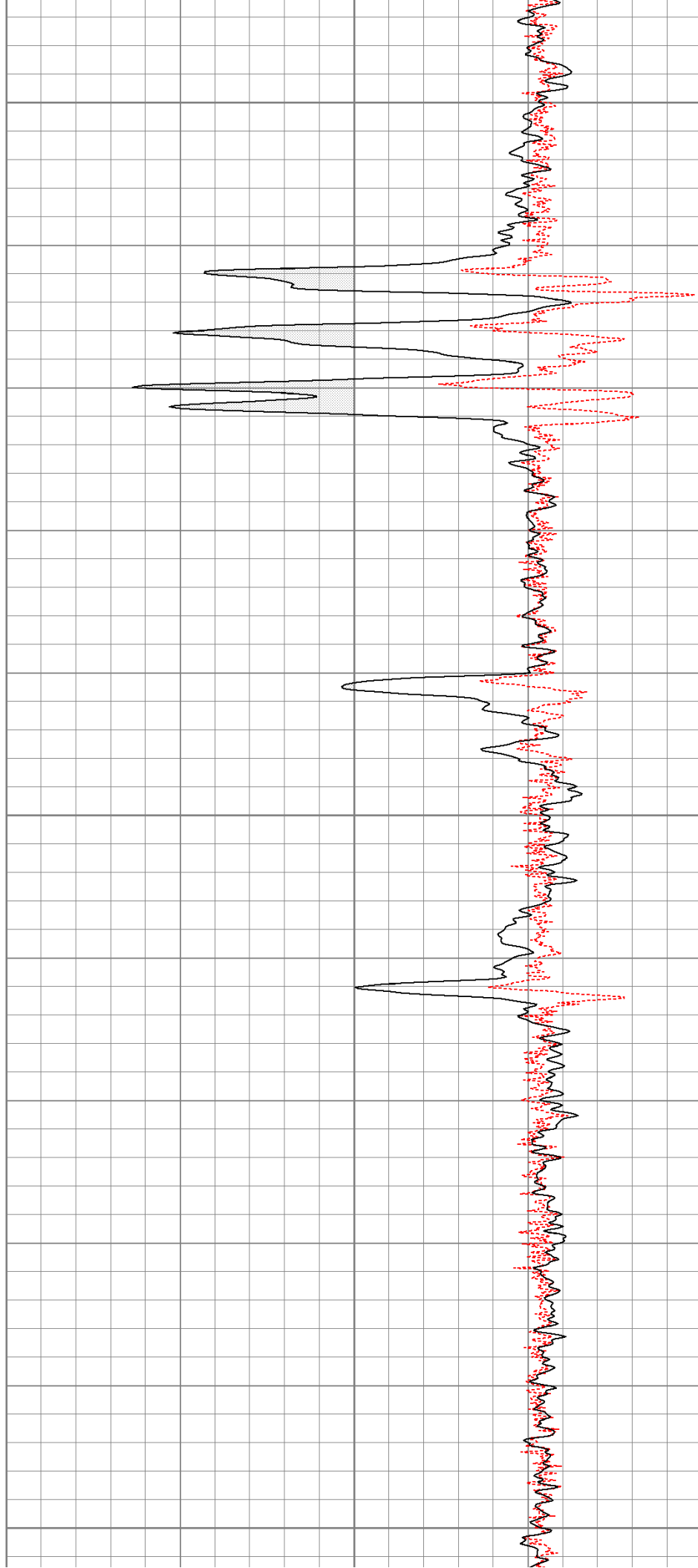


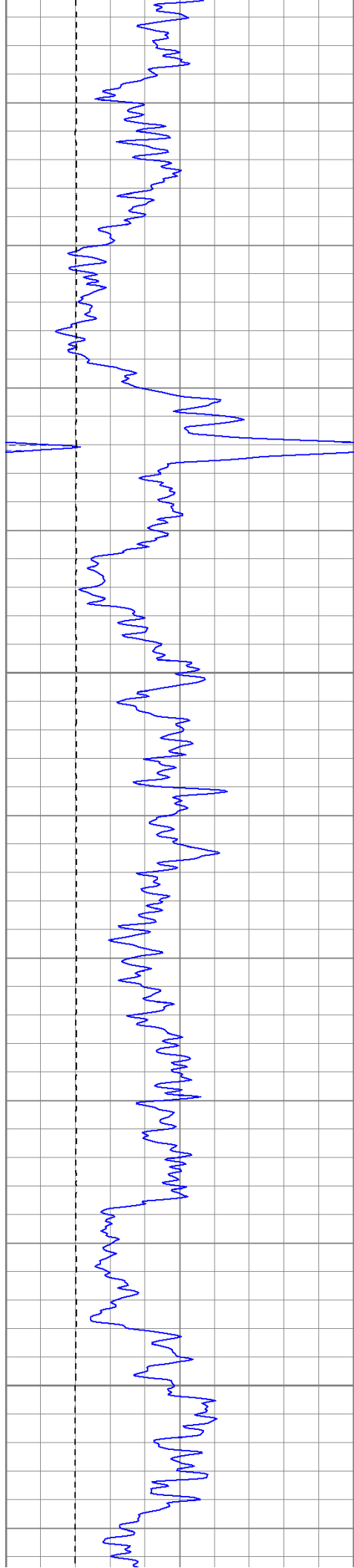


2750

2800

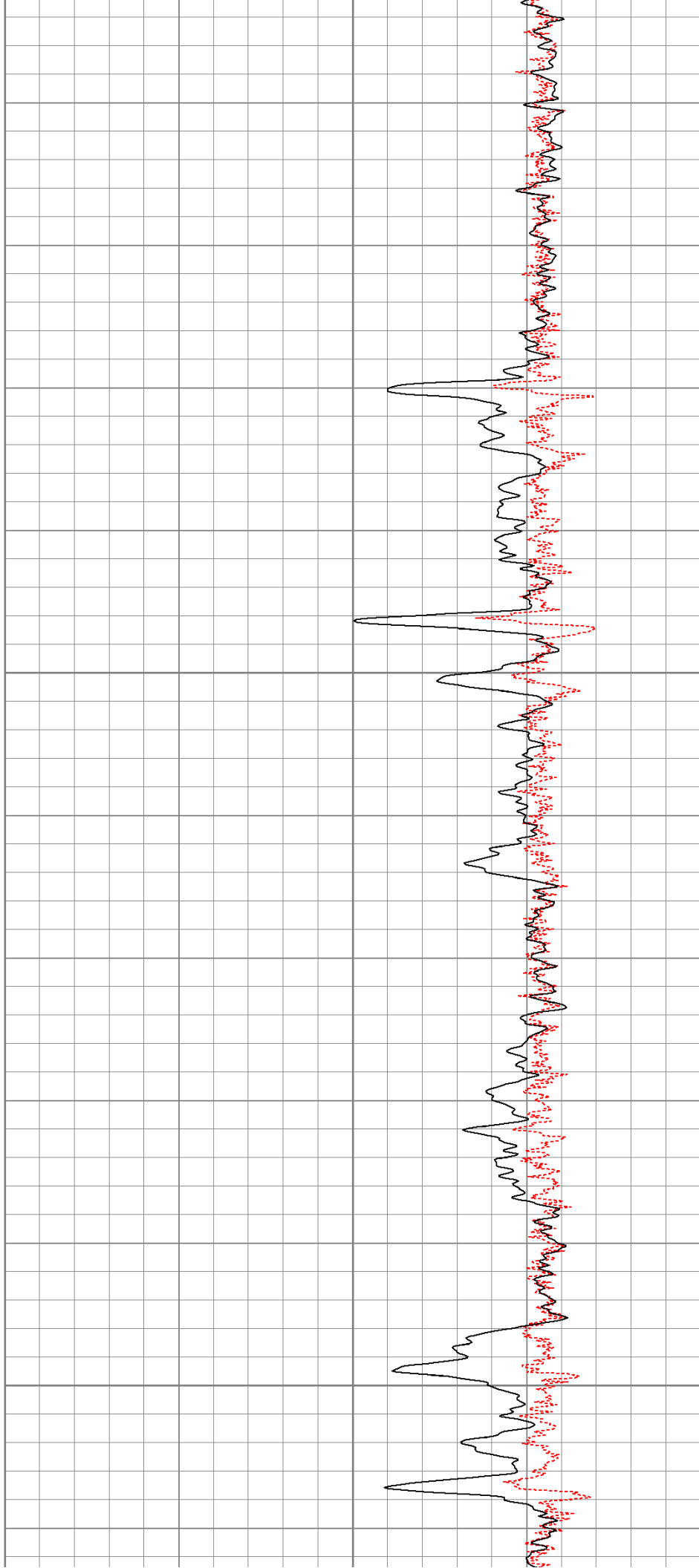
2850

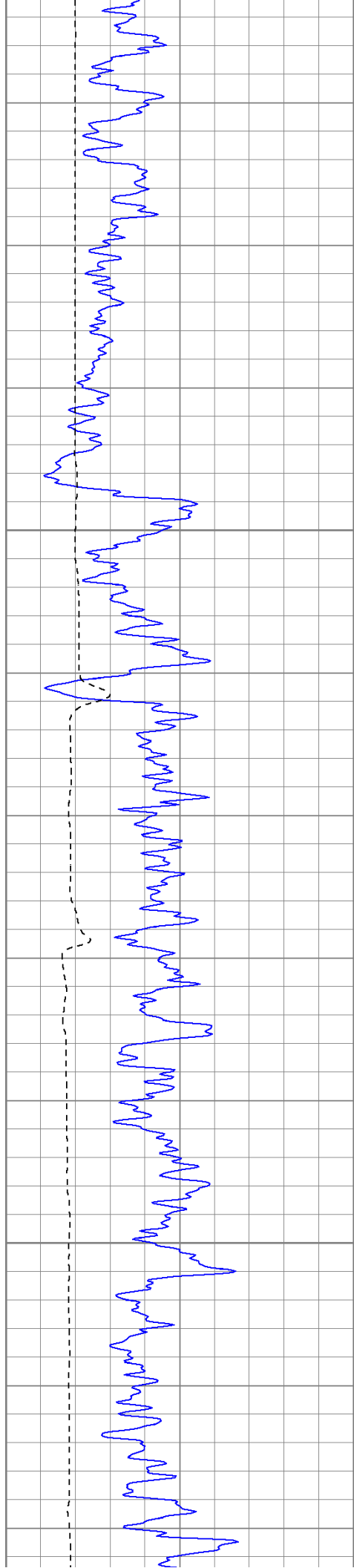




2900

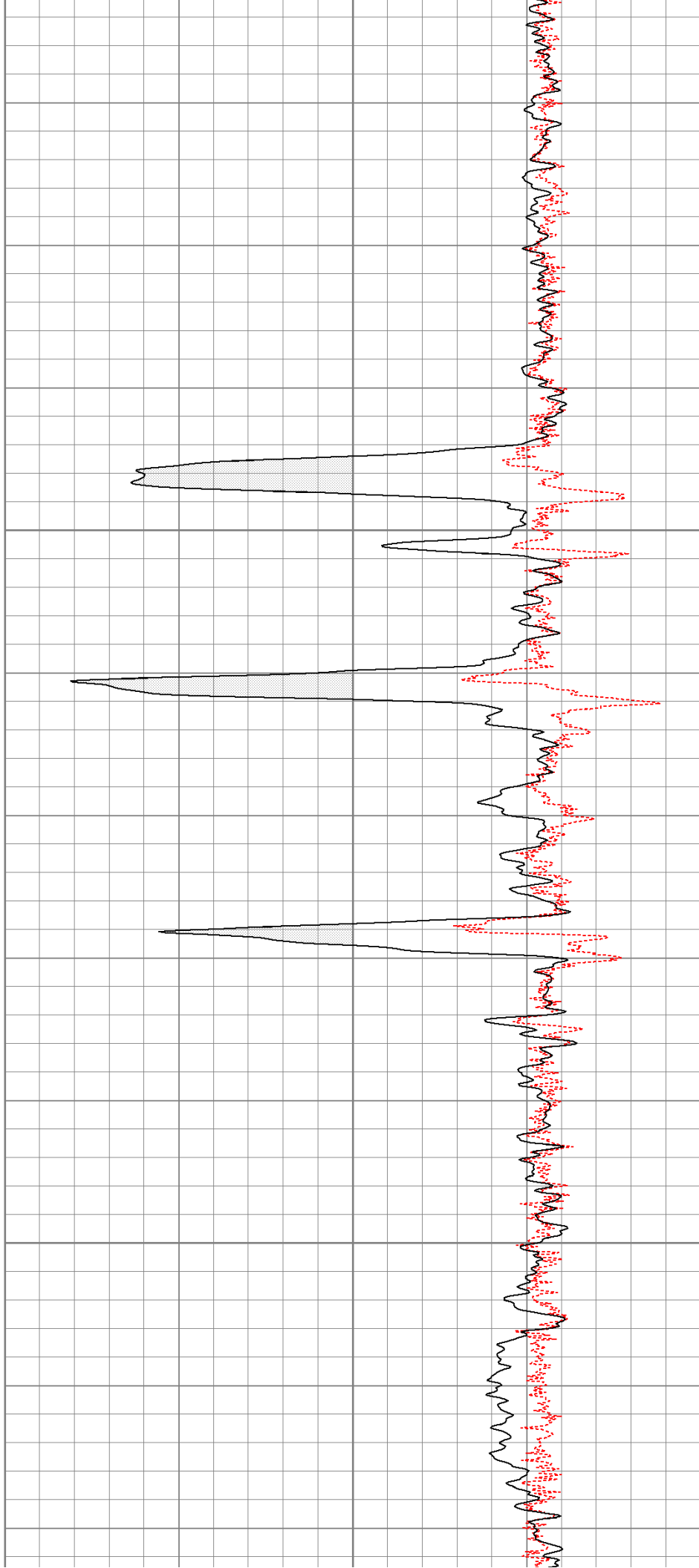
2950

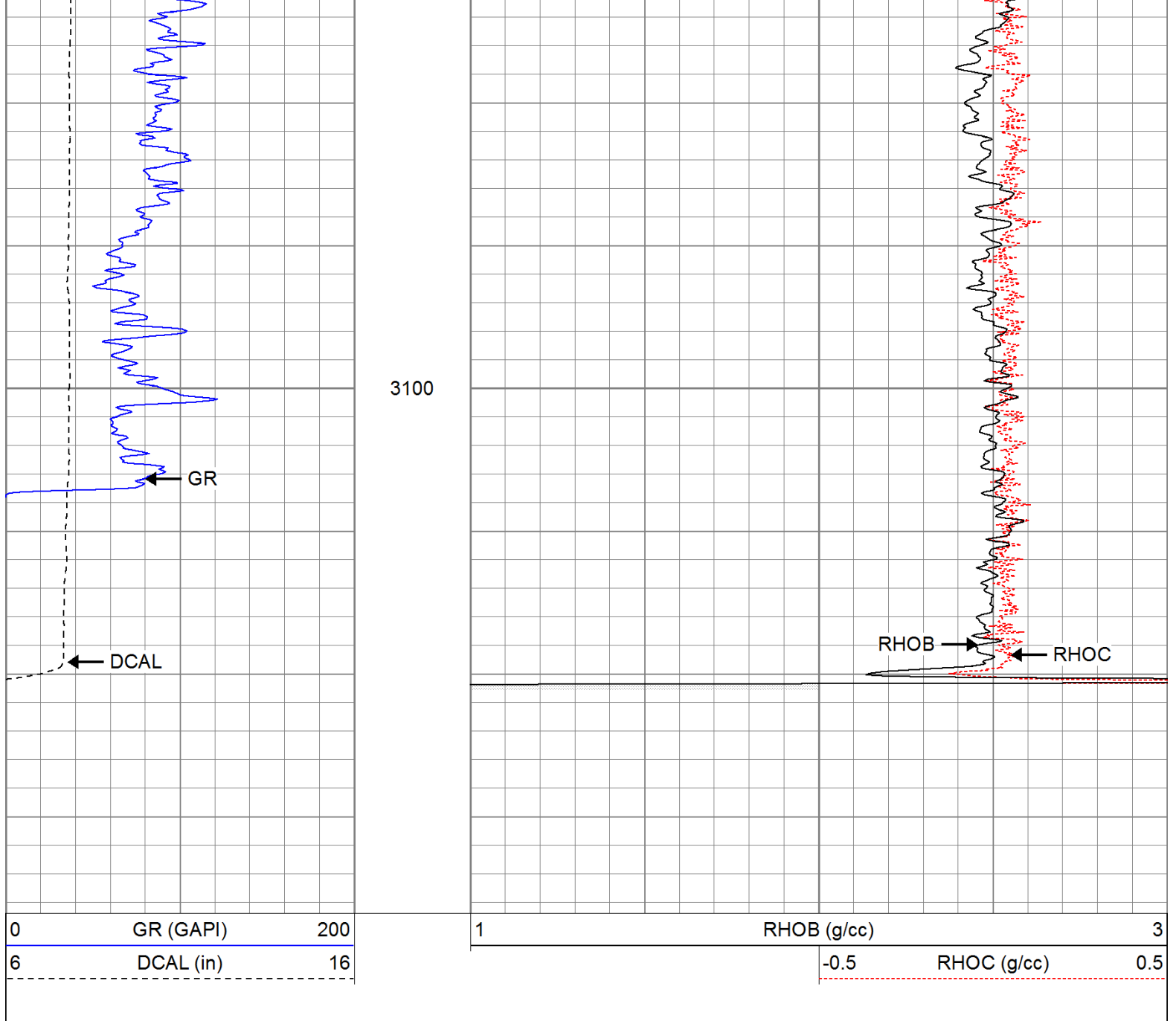




3000

3050





Calibration Report

Database File: seabasket.db
Dataset Pathname: pass1
Dataset Creation: Fri Sep 23 10:41:30 2011 by Log Open-Cased 110302

Induction Tool Calibration Report

Serial Number: 903
Tool Model: Probe
Downhole Cal Performed: Mon Aug 29 09:43:41 2011
Surface Cal Performed: Mon Aug 29 13:58:06 2011
After Survey Verification Performed:

Surface Calibration:	Air	Loop	
Conductivity Reference:	0.000	500.000	mmho
Conductivity Reading:	-0.045	0.642	V
Internal Reference:	Zero	Cal	
Conductivity Reference:	0.000	500.000	mmho
Conductivity Reading:	0.006	0.641	V

Downhole Calibration:	Internal Zero	Internal Cal	
Conductivity Reference:	-0.702	499.904	mmho

	Conductivity Reading:	-0.082	503.319	V
	Short Normal Reference:	0.000	20.000	Ohm-m
	Short Normal Reading:	0.006	0.233	V
Results:	Loop Conductivity:	Gain 728.211	Offset 32.770	
	Downhole Correction:	0.994	-0.621	
	Short Normal Resistivity:	88.245	-6.000	
After Survey Verification	Internal Zero	Internal Cal		
	Conductivity Reading:	0.000	0.000	V
	Conductivity Result:	0.000	0.000	mmho
	Short Normal Reading:	0.000	0.000	V
	Short Normal Result:	0.000	0.000	Ohm-m
Compensated Density Calibration Report				
	Serial-Model:	901-2.75POH		
	Source / Verifier:	/		
	Master Calibration Performed:	Mon Aug 29 11:08:43 2011		
	Before Survey Verification Performed:			
	After Survey Verification Performed:			
Master Calibration				
	Density		Far Detector	Near Detector
Magnesium	1.710	g/cc	1001.79	578.48 cps
Aluminum	2.590	g/cc	180.36	300.39 cps
	Spine Angle = 69.08		Density/Spine Ratio = 0.479	
	Size		Reading	
Small Ring	8.05	in	2.50	V
Large Ring	16.00	in	4.57	V
Before Survey Verification				
	Target		Measured	
		g/cc		g/cc
		g/cc		g/cc
		g/cc		g/cc
After Survey Verification				
	Target		Measured	
		g/cc		g/cc
		g/cc		g/cc
		g/cc		g/cc
Neutron Calibration Report				
	Serial Number:	803		
	Tool Model:	2.75POH		
	Performed:	Fri Sep 02 07:59:19 2011		
	Calibrator Value:	1	NAPI	
	Calibrator Reading:	1	cps	
	Sensitivity:	1	NAPI/cps	
Gamma Ray Calibration Report				
	Serial Number:	804		
	Tool Model:	2.75POH		


Performed: Fri Aug 12 08:39:59 2011

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps

Calibrator Reading: 1.0 cps

Sensitivity: 0.6500 GAPI/cps

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
GR	29.58		None	0.75	1.50	5.00
			GR-2.75POH (804) Probe 2.75" Probe Open Hole Gamma Ray	3.73	2.75	43.00
NEU	24.04		NEU-2.75POH (803) Probe Epithermal	4.75	2.75	58.00
LSD	16.21		CDL-2.75POH (901) Probe	8.43	2.75	106.00
DCAL	15.94					
SSD	15.69					
DIC	6.24		IEL-Probe (903)	13.46	2.75	93.00
SP	2.25					
SN	1.71					

Dataset: seabasket.db: field/well/run1/pass1

Total Length: 31.11 ft

Total Weight: 305.00 lb

O.D.

2.75 in