



COMPENSATED DENSITY NEUTRON LOG

Company	KIOWA GAS COMPANY	Location:	API # : 15-087-20665-00-00	Other Services
Well	WILLITS # 3			DIL
Field	McLOUTH SOUTH			
County	JEFFERSON			
State	KANSAS			
Permanent Datum	GL	SEC 17 TWP 10S RGE 20E	Elevation	1120
Log Measured From	GL	SW NE NE SE 2000' FSL & 450' FEL		
Drilling Measured From	GL		Elevation	1120
			K.B. D.F. G.L.	1120
Date	8-18-2023			
Run Number	ONE			
Depth Driller	1575			
Depth Logger	1566			
Bottom Logged Interval	1564			
Top Log Interval	100			
Casing Driller	8.625" @ 100			
Casing Logger	8.625" @ 100			
Bit Size	6.75"			
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				
Time Logger on Bottom				
Maximum Recorded Temperature				
Equipment Number	OW2			
Location	HOMINY, OK			
Recorded By	SHELDON TYLER			
Witnessed By	MR. BAILEY			

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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

FILE # OW2-9200 KIOWA GAS
KIDD, WHITENECK

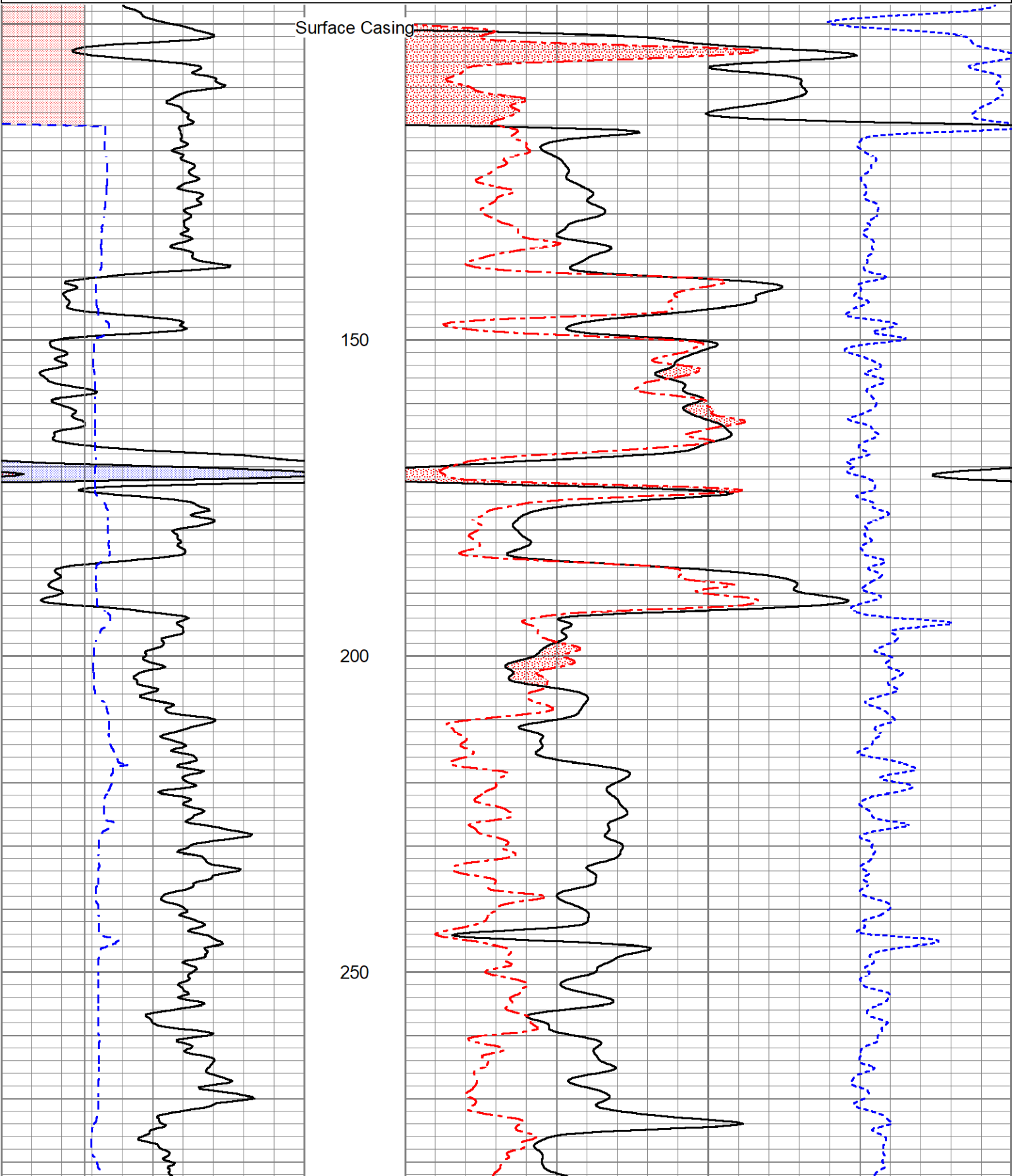
THANK YOU FOR USING OSAGE WIRELINE

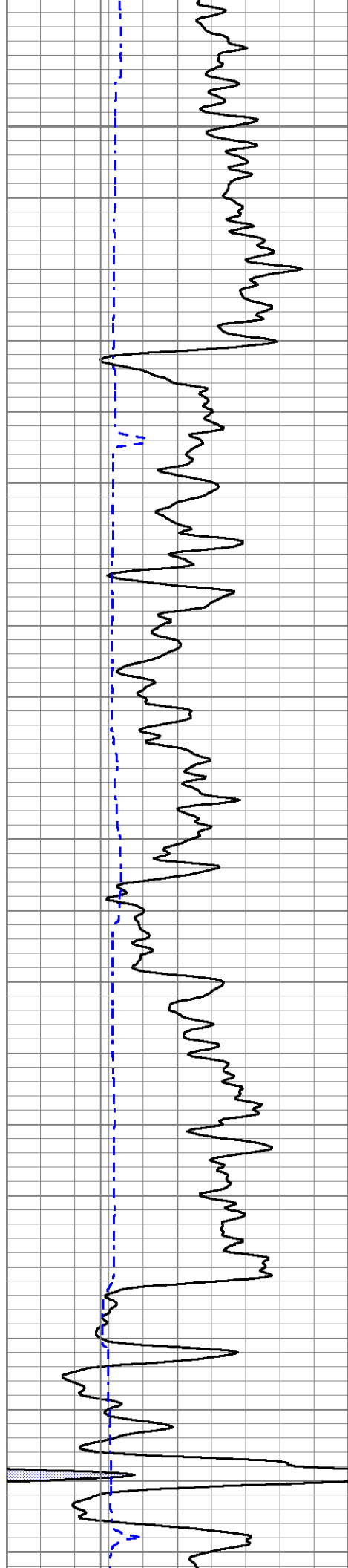


5" DENSITY NEUTRON LOG

Database File	ow2-9200 kiowa gas.db
Dataset Pathname	pass2.2
Presentation Format	stdIn-4-14_5
Dataset Creation	Fri Aug 18 11:53:30 2023
Charted by	Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	30	Density Porosity (pu)	-10
4	Bit size (in)	14	30	Neutron Porosity (pu)	-10
4	Density Caliper (in)	14		-0.25	Correction (g/cc) 0.25





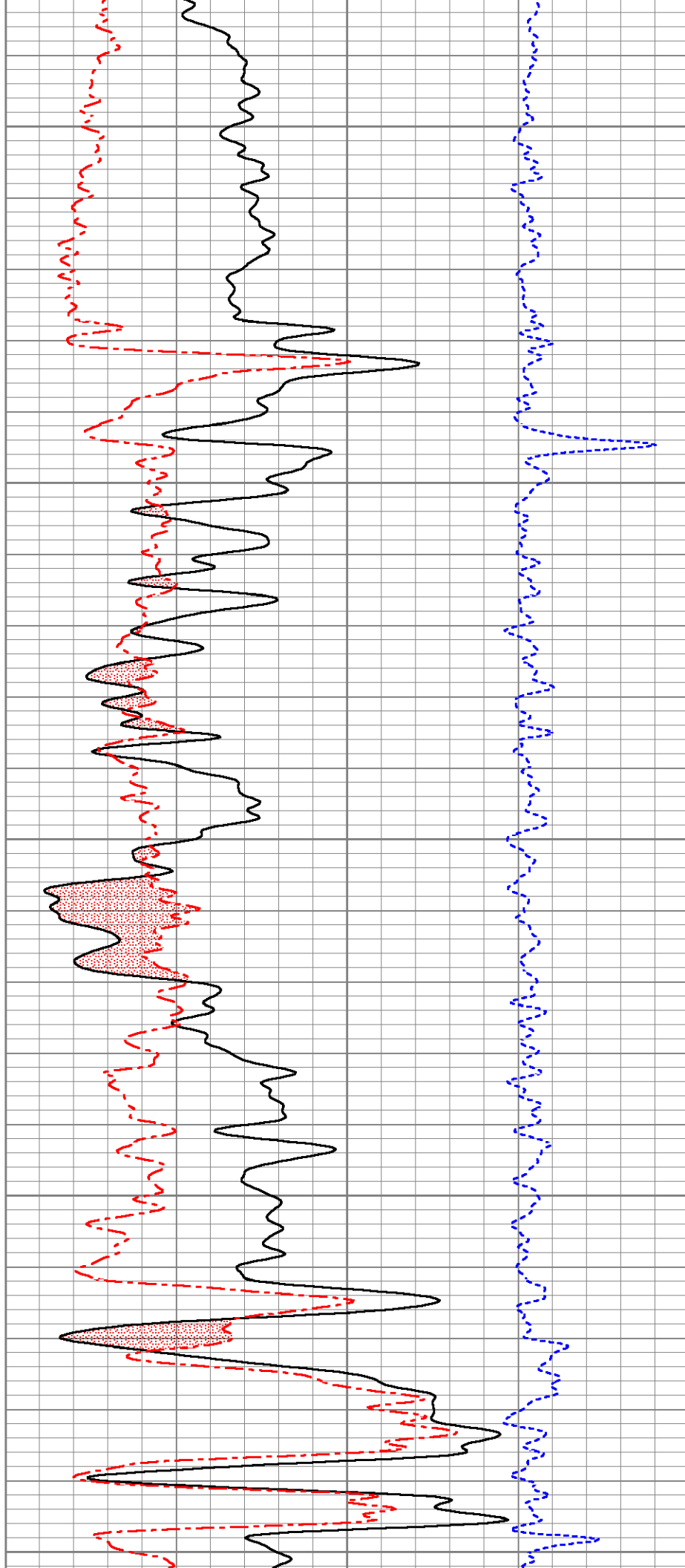
300

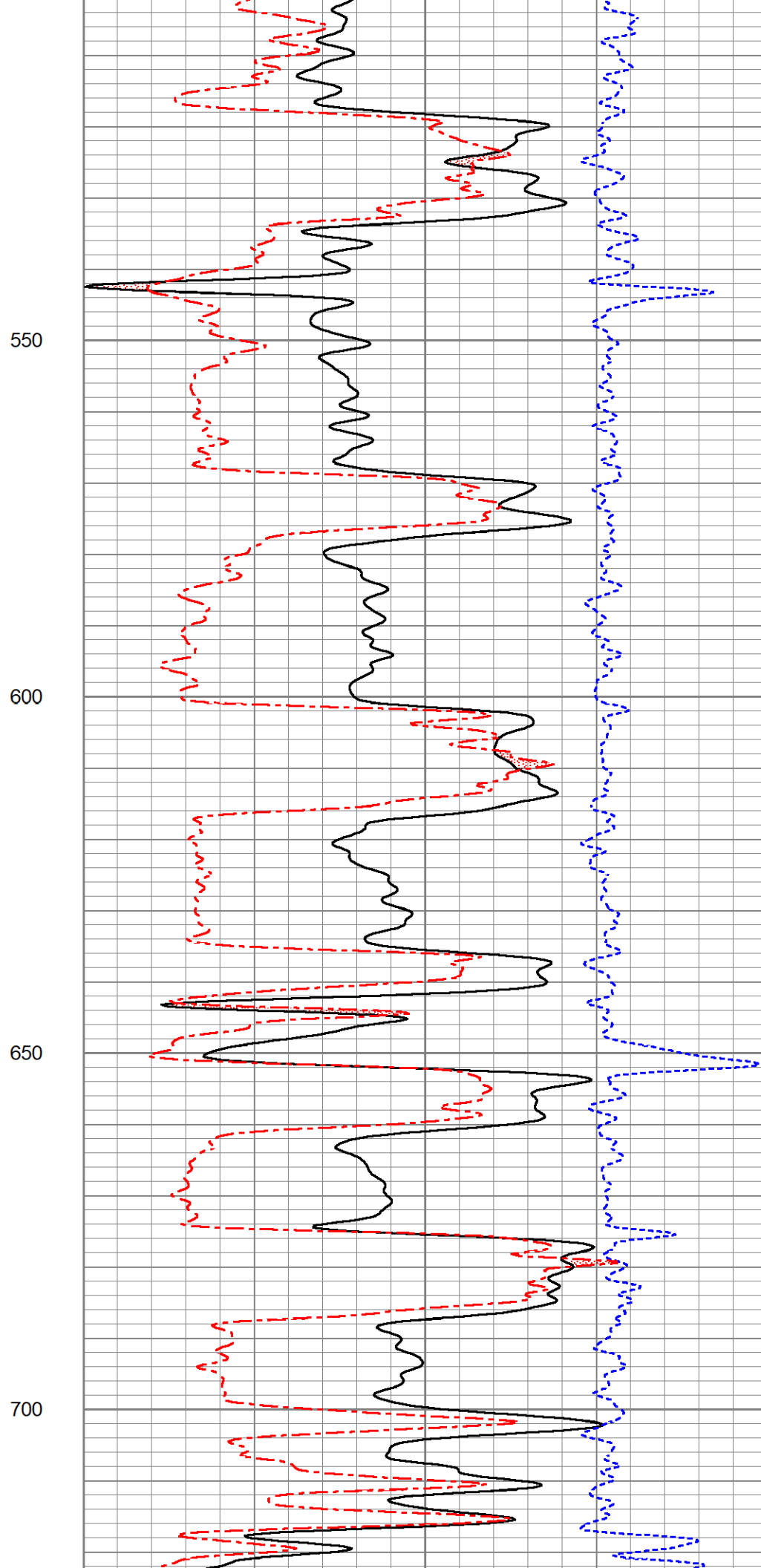
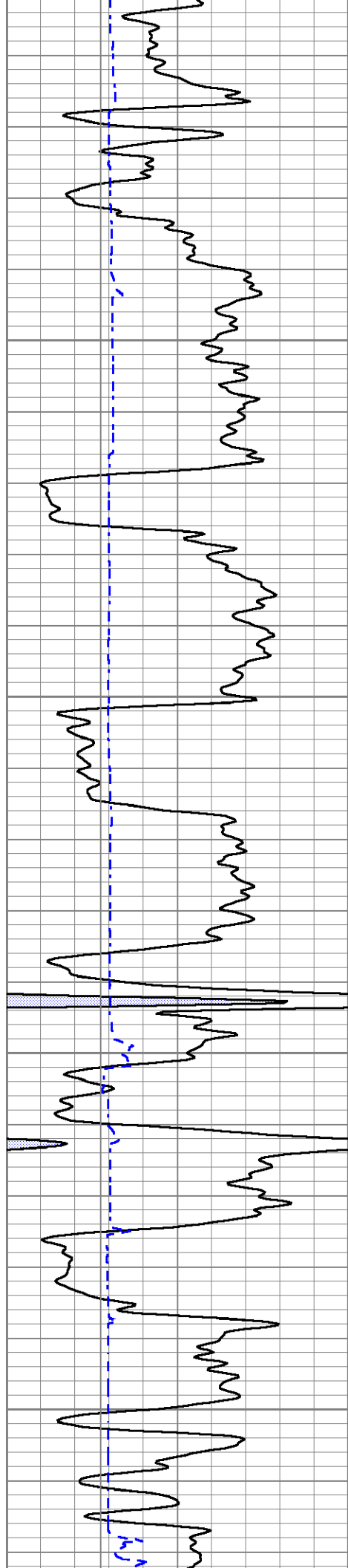
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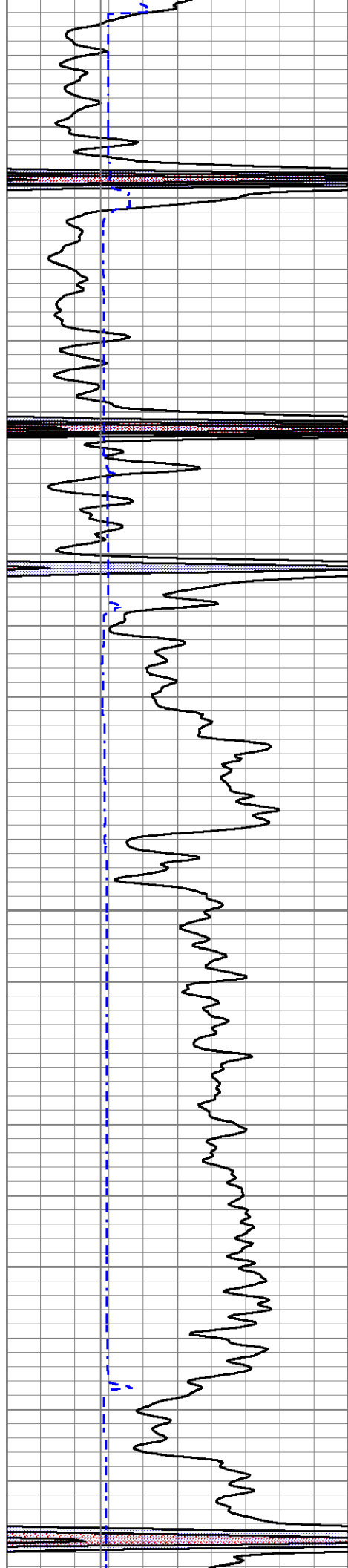
400

450

500





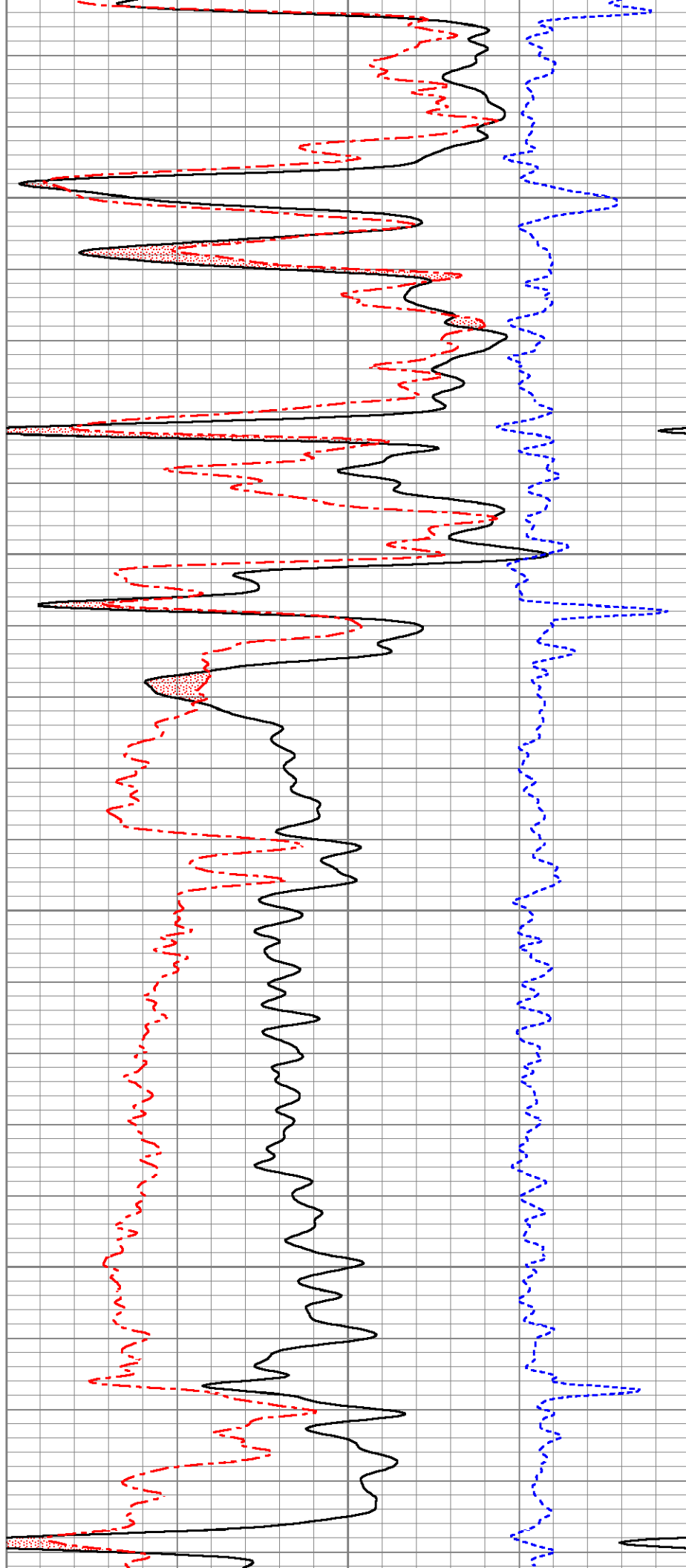


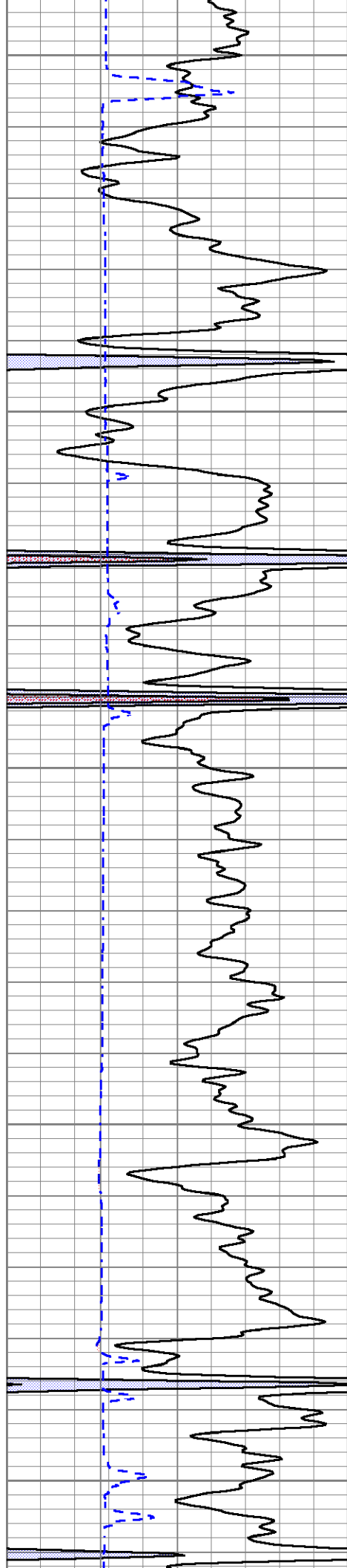
750

800

850

900





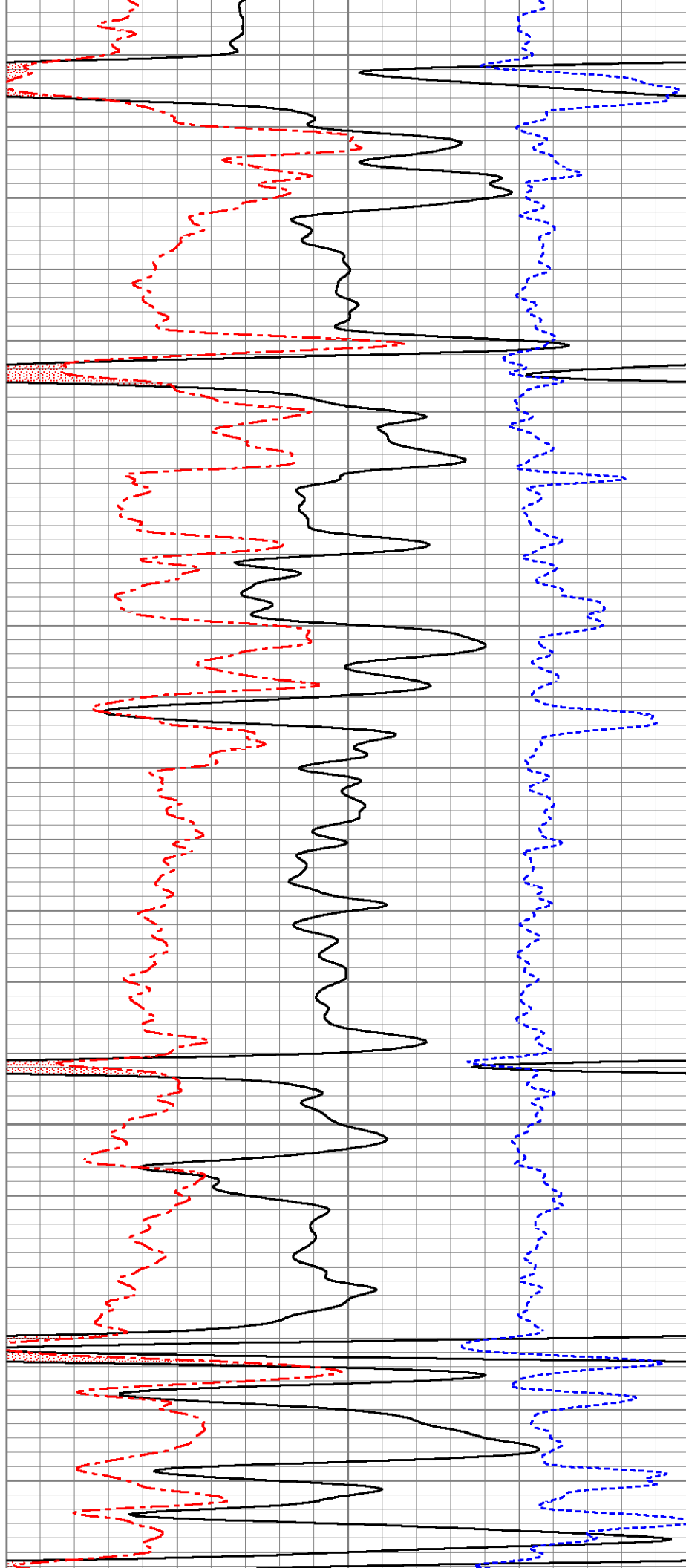
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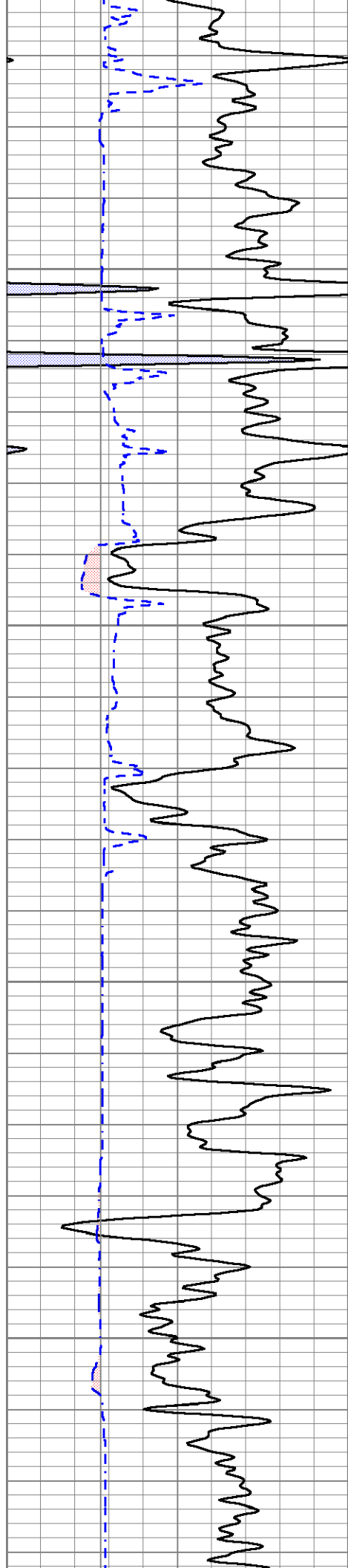
1000

1050

1100

1150



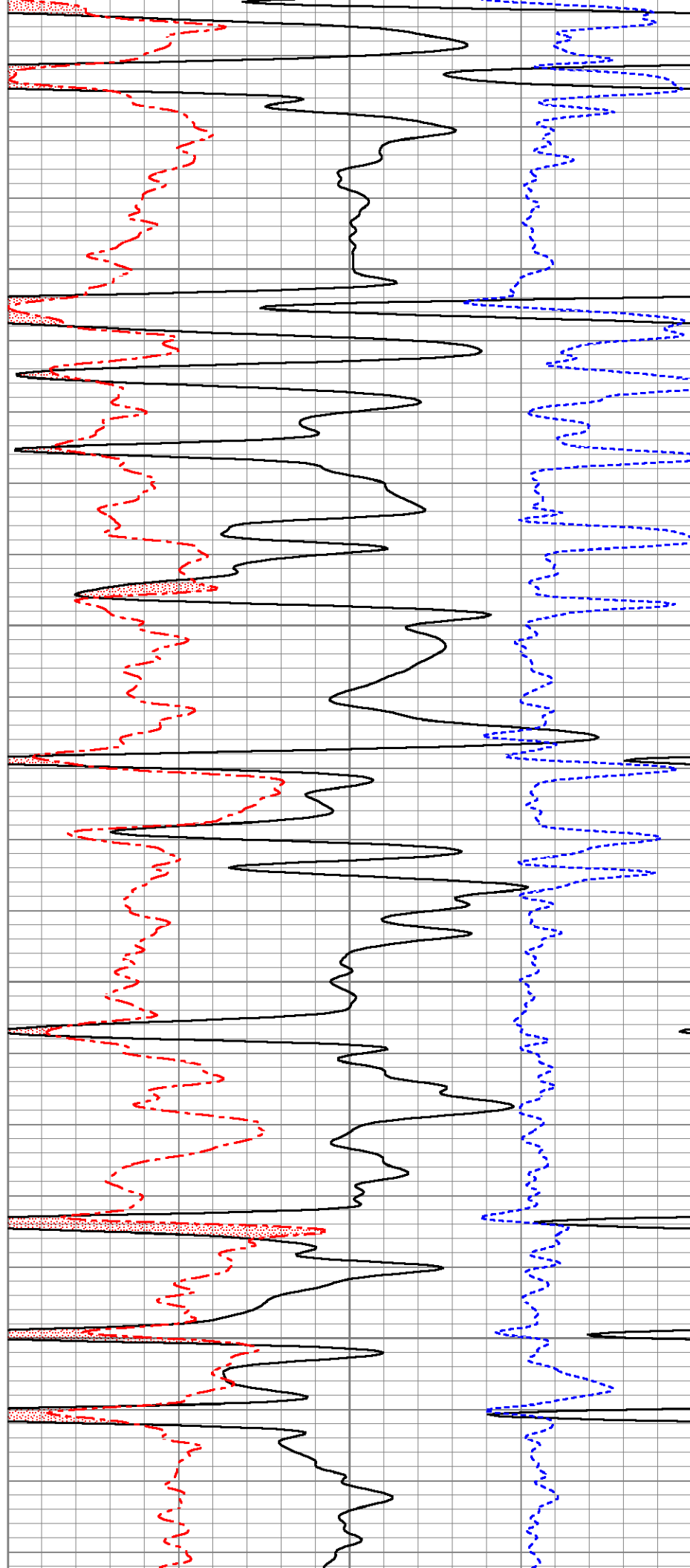


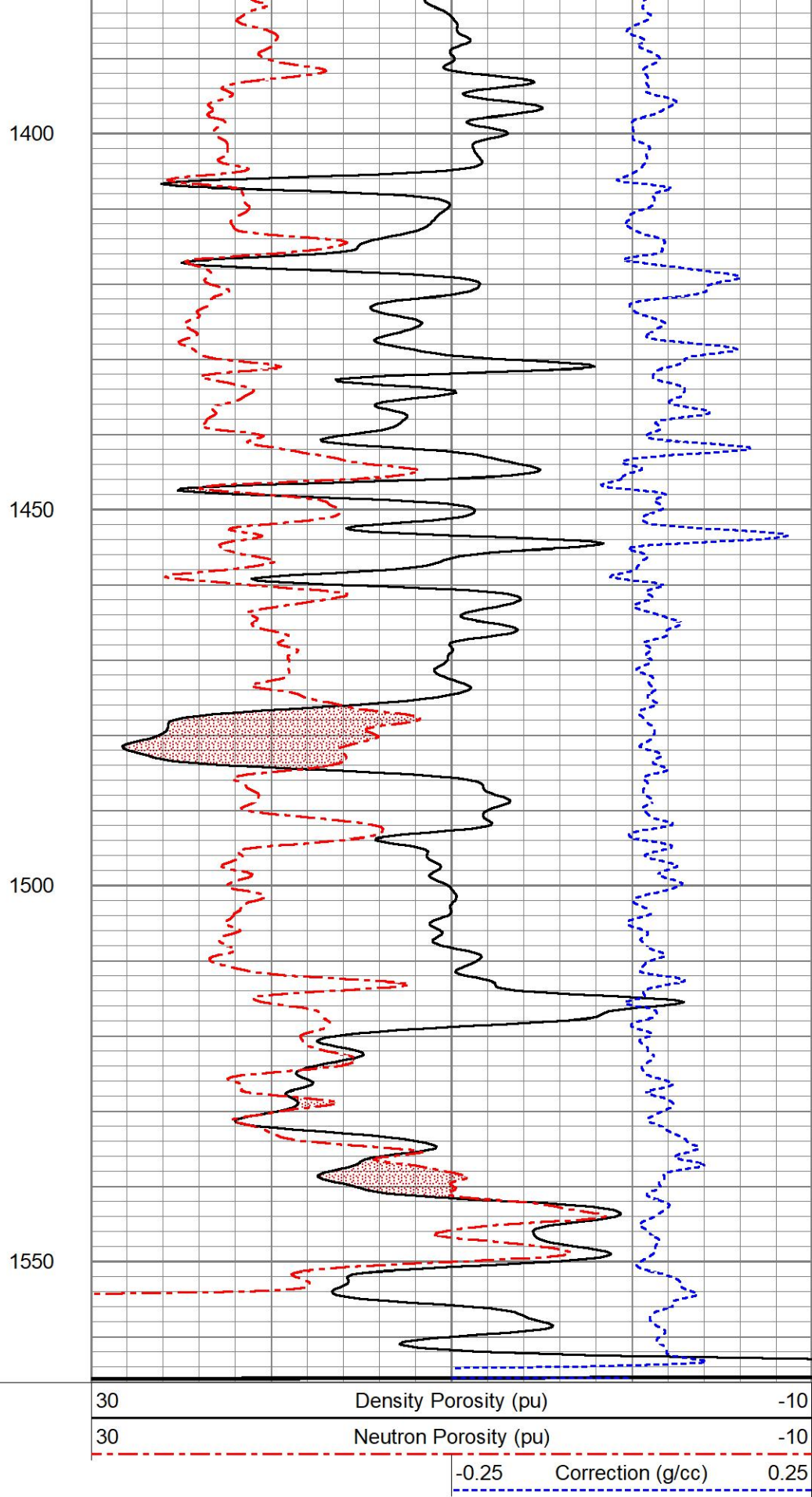
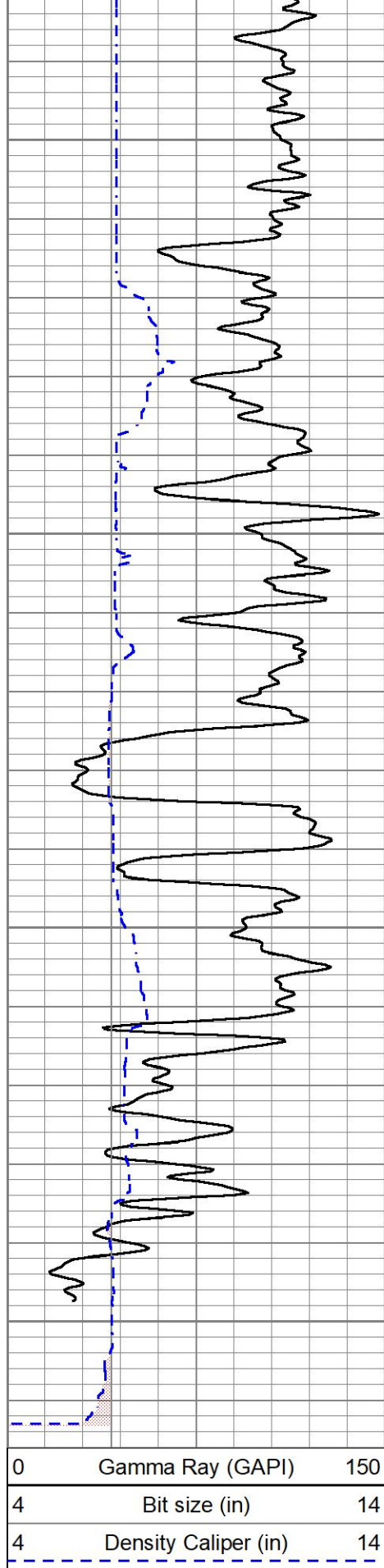
1200

1250

1300

1350

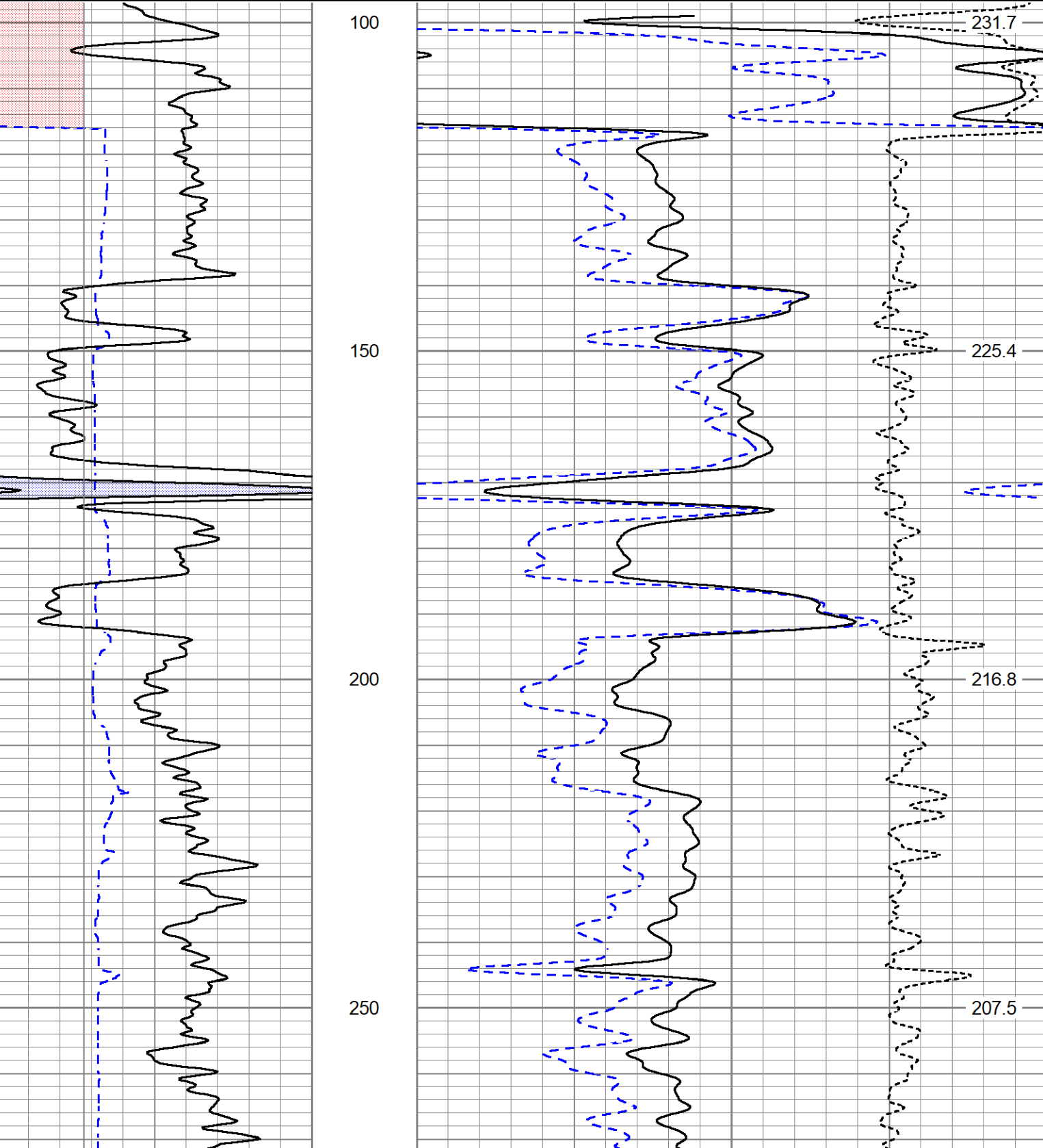


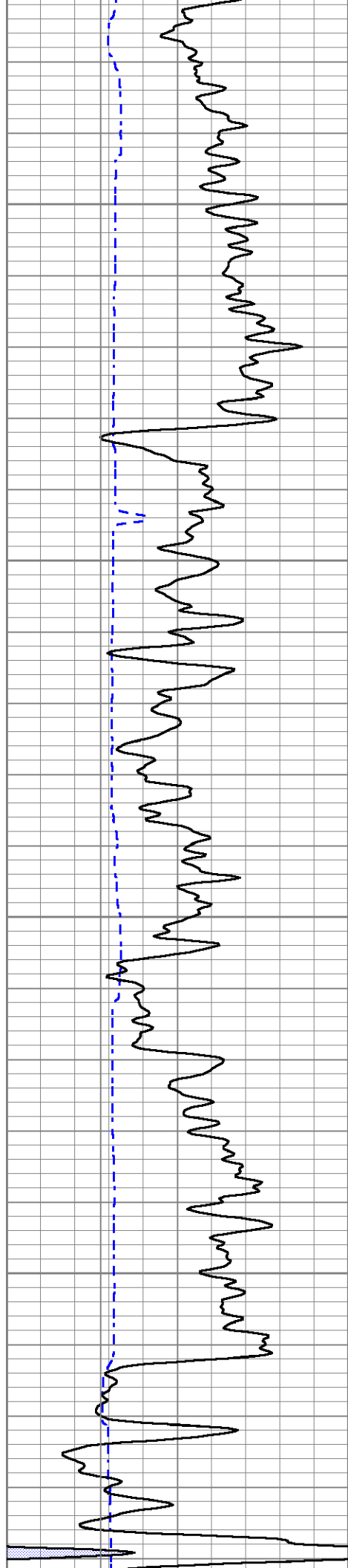


5" DENSITY LOG

Database File ow2-9200 kiowa gas.db
Dataset Pathname pass2.3
Presentation Format stcdl-4-14_5
Dataset Creation Fri Aug 18 11:56:18 2023
Charted by Depth in Feet scaled 1:240

4	Density Caliper (in)	14	30	Density Porosity (pu)	-10	
0	Gamma Ray (GAPI)	150	2	Bulk Density (g/cc)	3	
4	Bit Size (in)	14		-0.25	Correction (g/cc)	0.25
						ABHV (ft3)



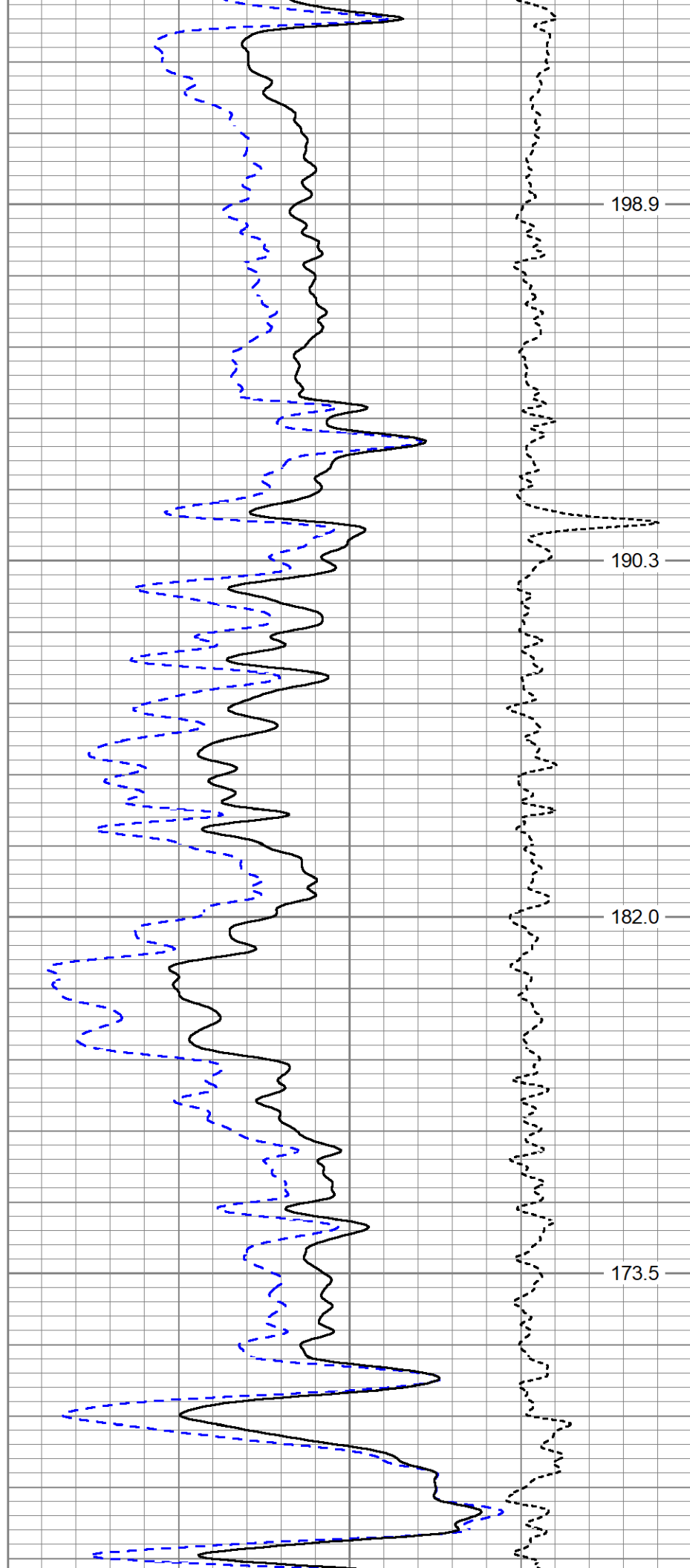


300

350

400

450

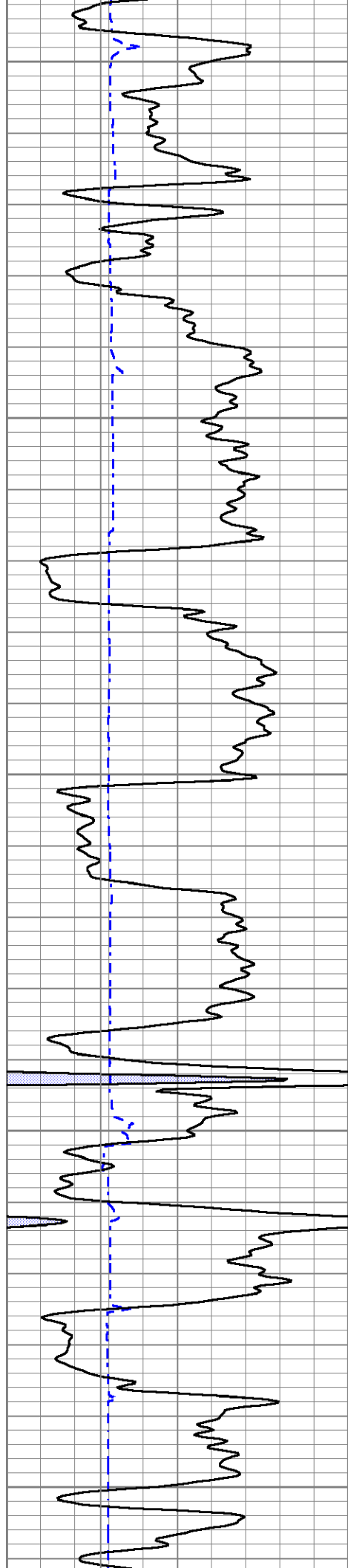


198.9

190.3

182.0

173.5



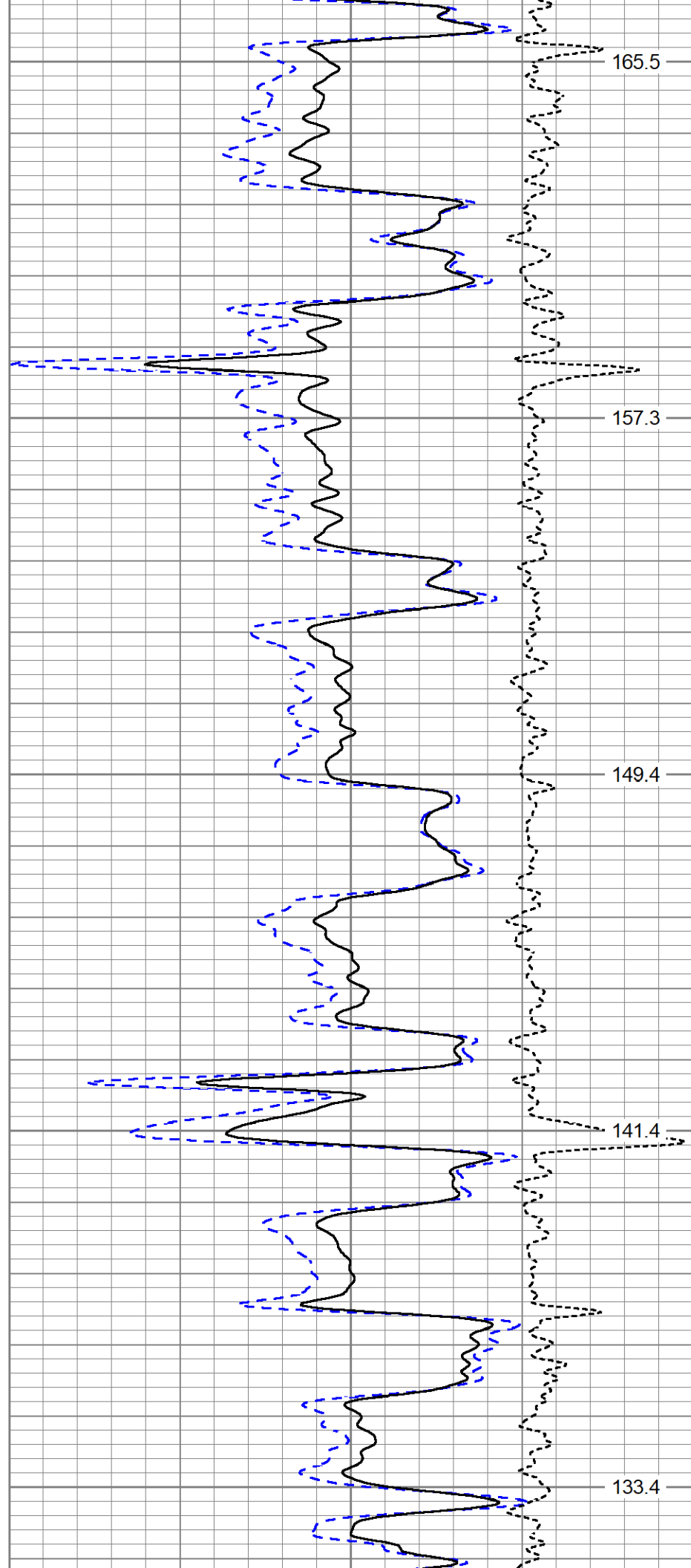
500

550

600

650

700



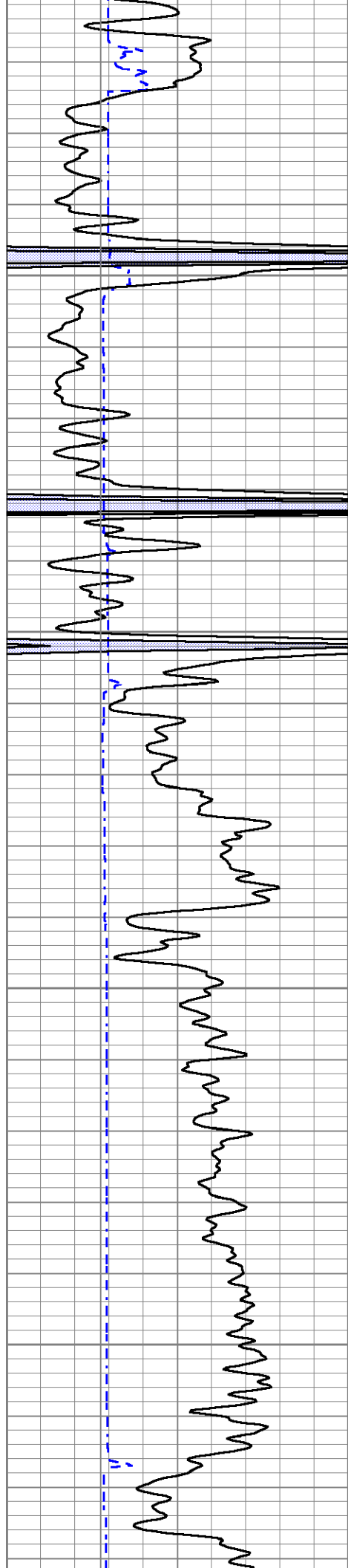
165.5

157.3

149.4

141.4

133.4

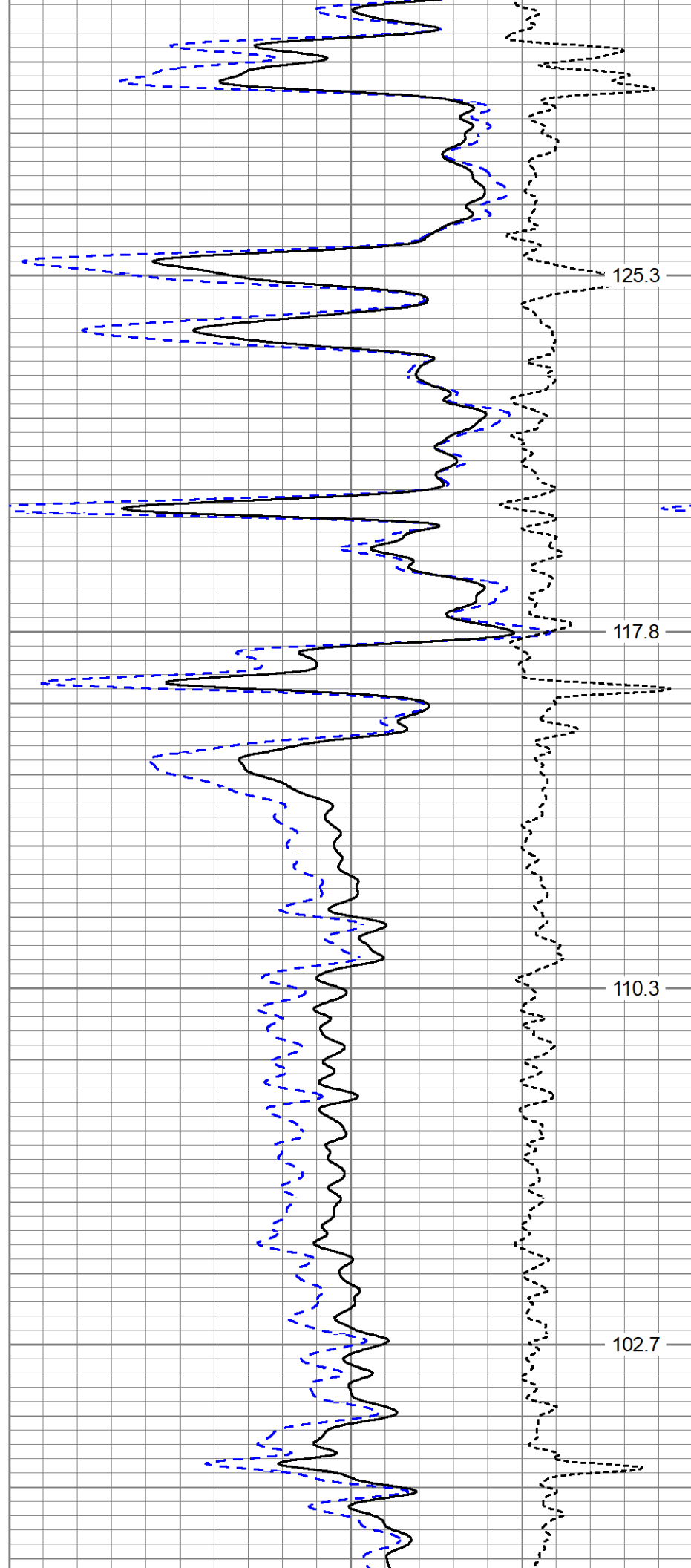


750

800

850

900

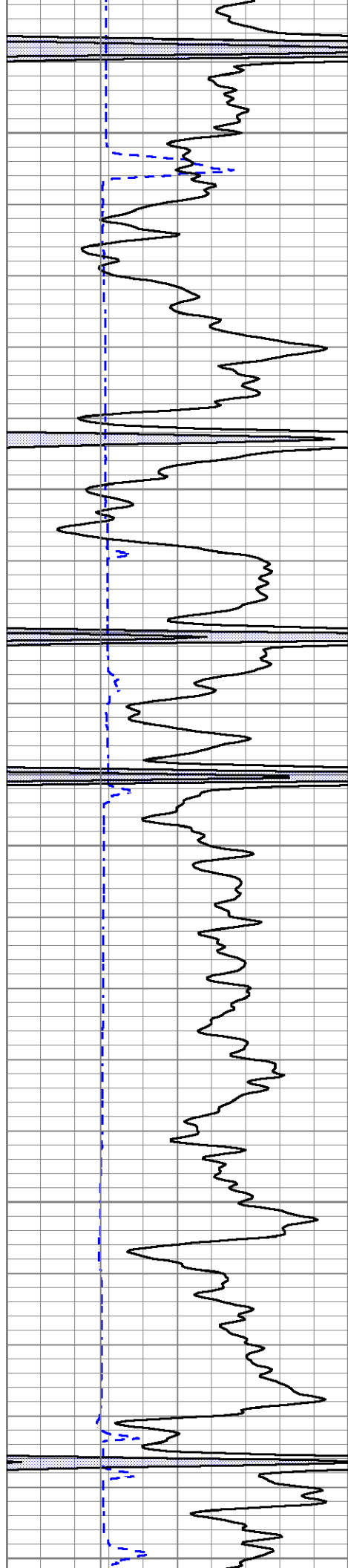


125.3

117.8

110.3

102.7



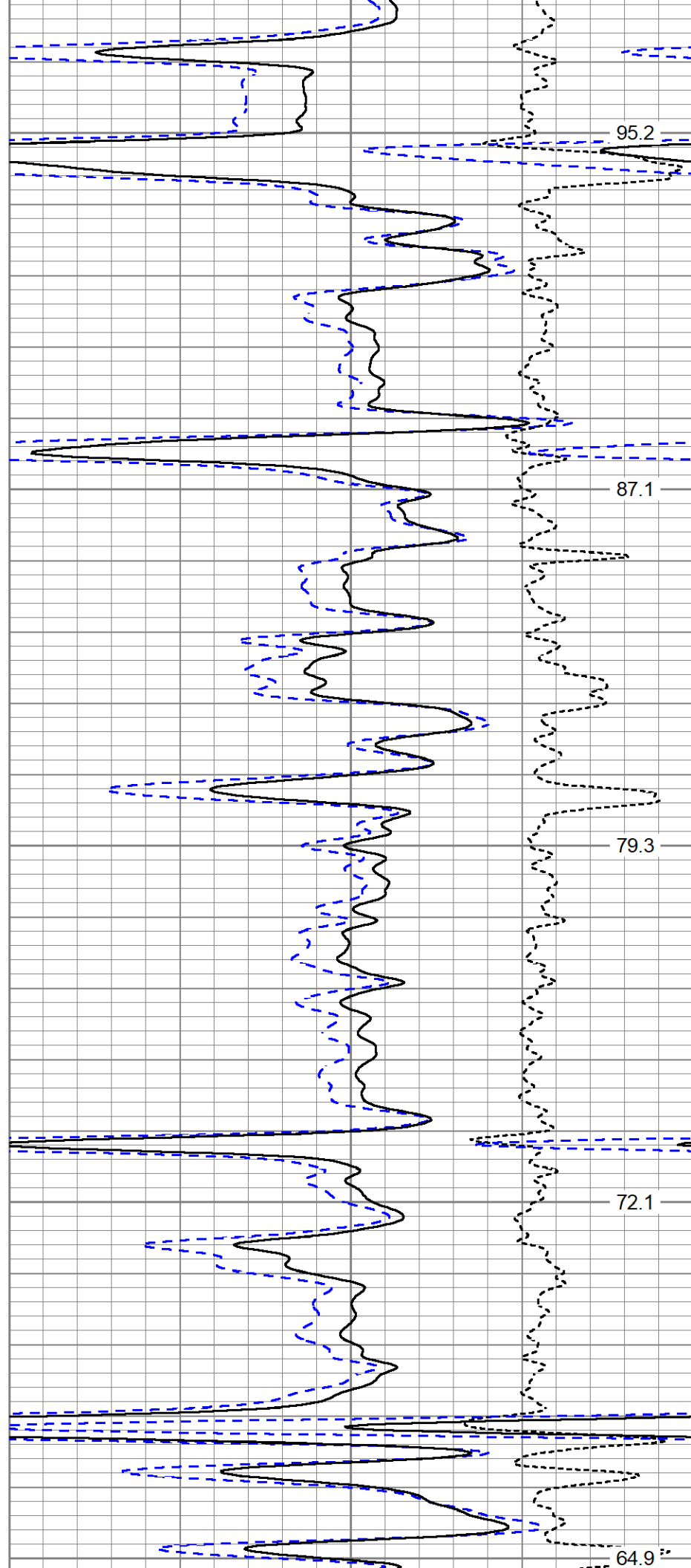
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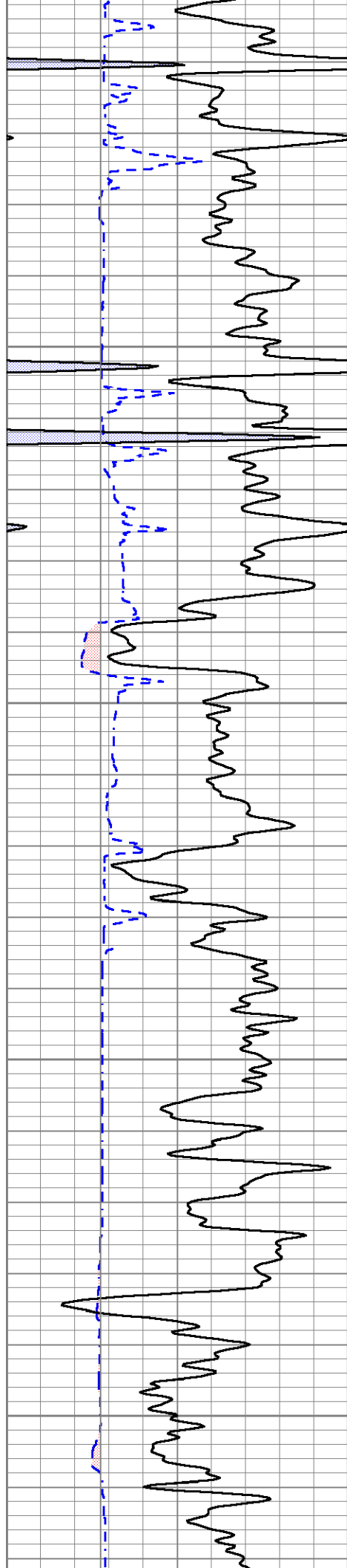
1000

1050

1100

1150



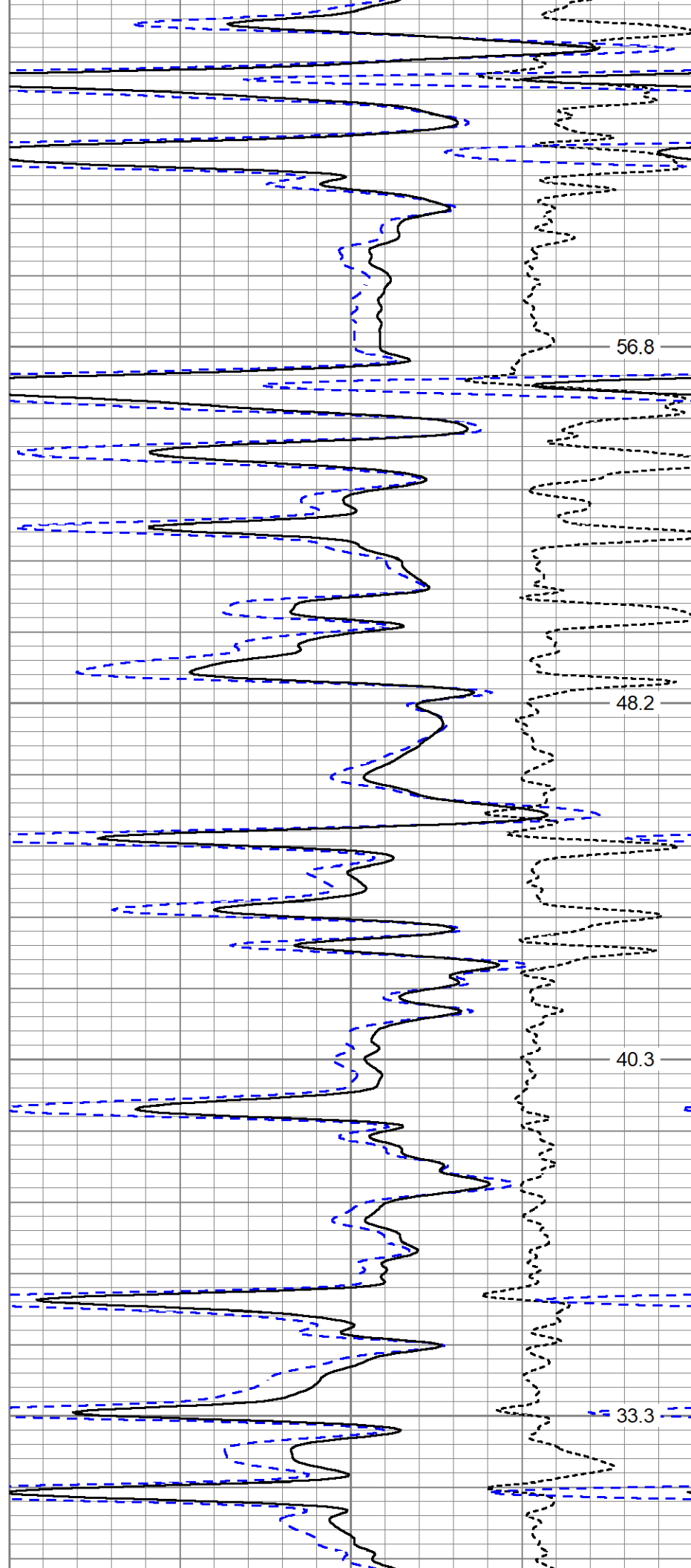


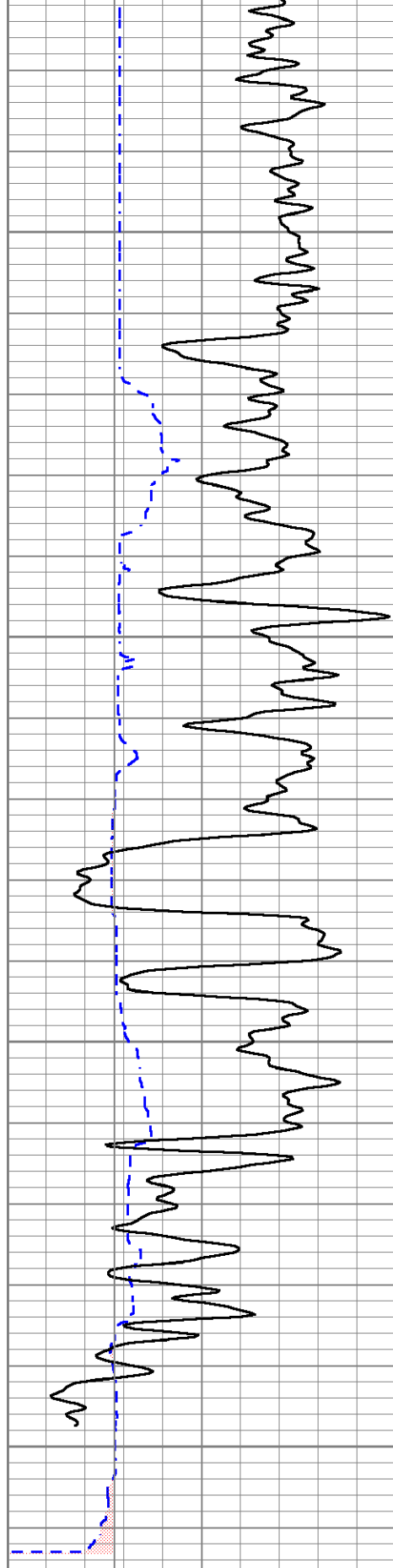
1200

1250

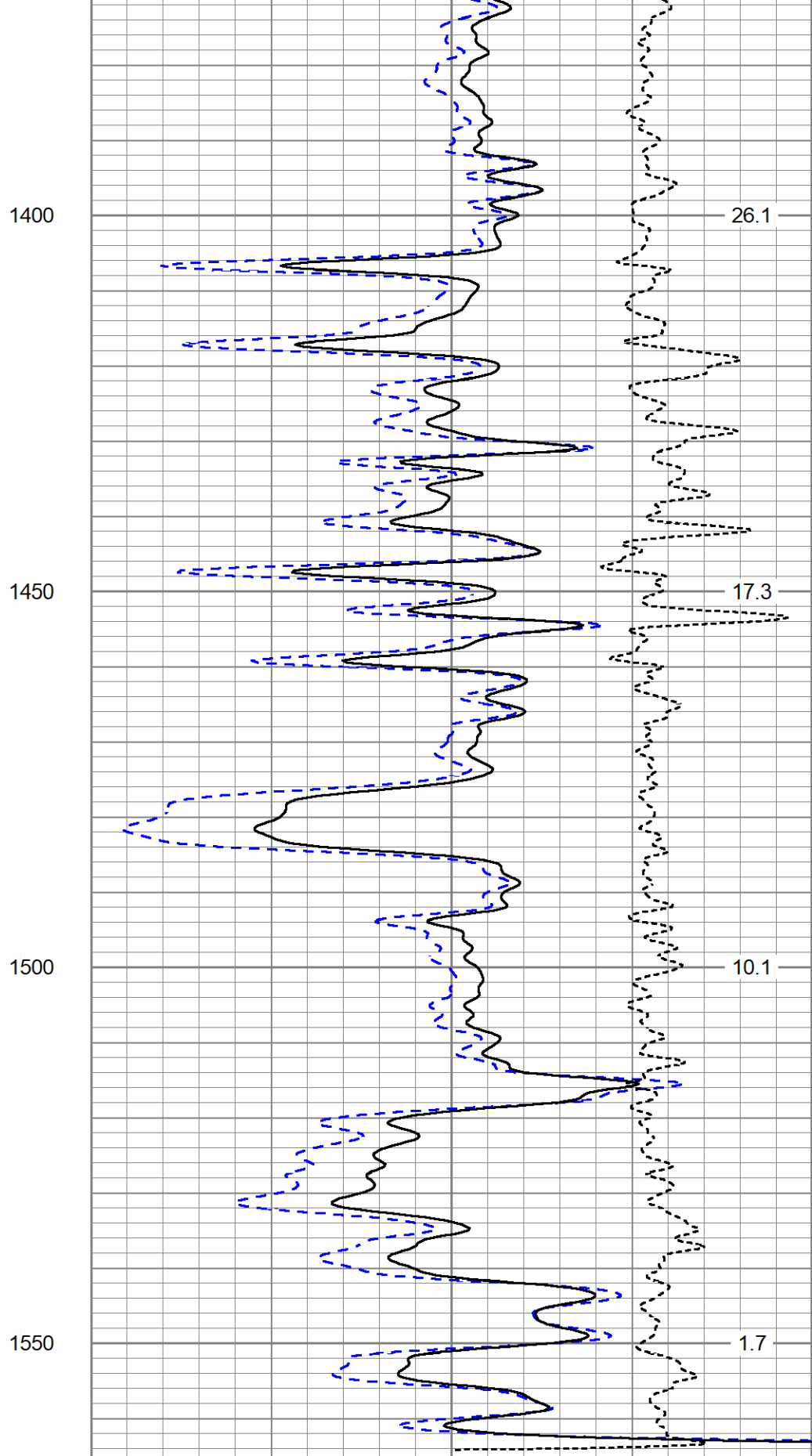
1300

1350





4	Density Caliper (in)	14
0	Gamma Ray (GAPI)	150
4	Bit Size (in)	14



30	Density Porosity (pu)	-10
2	Bulk Density (g/cc)	3
-0.25	Correction (g/cc)	0.25

ABHV (ft3)

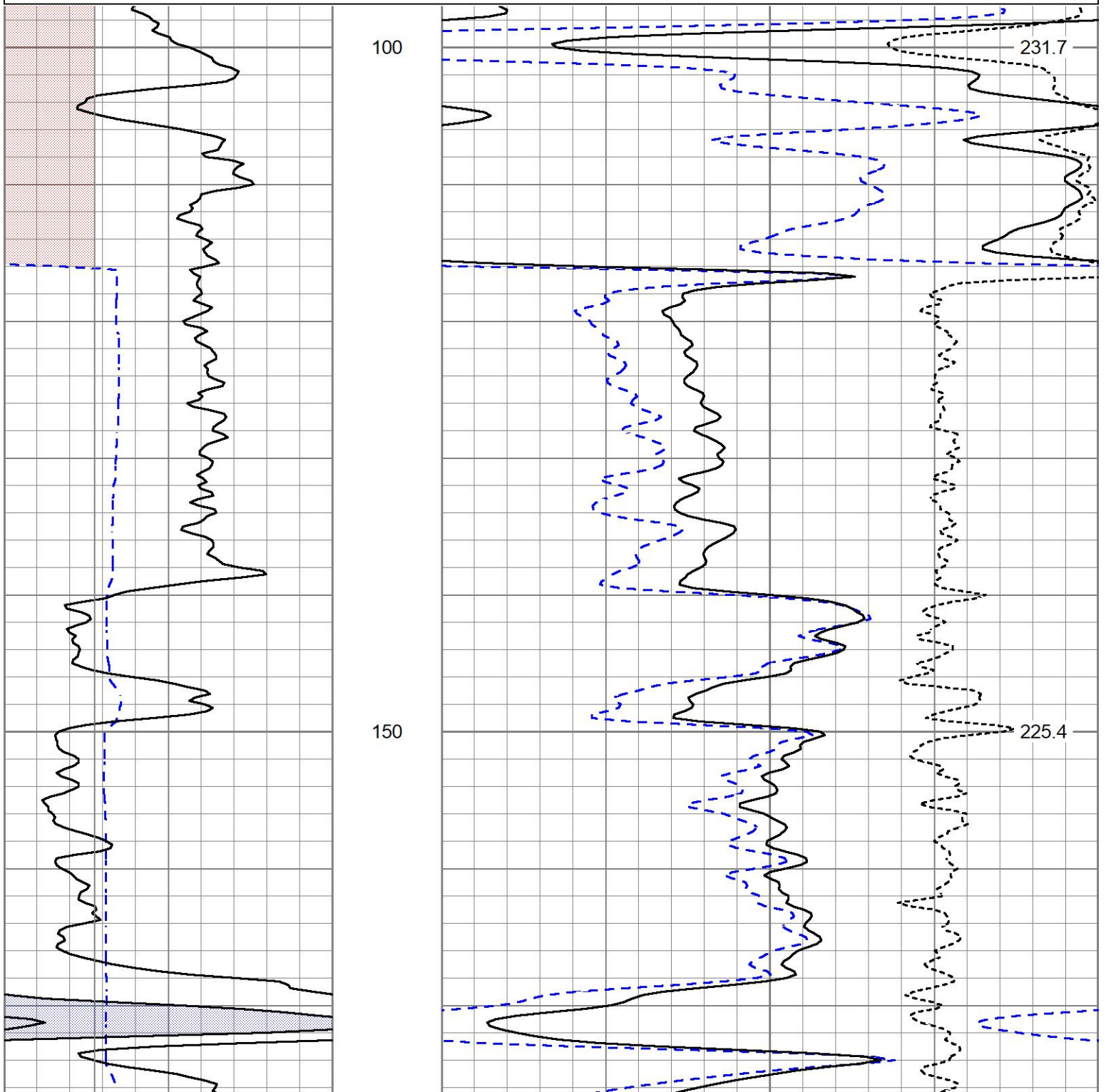


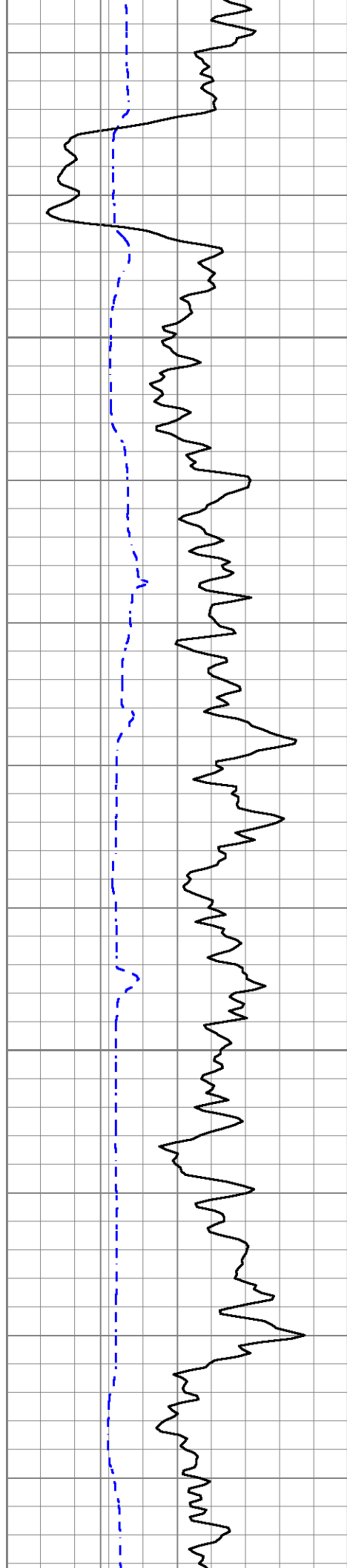
10" HR DENSITY LOG

Database File ow2-9200 kiowa gas.db
Dataset Pathname pass2.4
Presentation Format stcdl-4-14_5
Dataset Creation Fri Aug 18 11:56:46 2023
Charted by Depth in Feet scaled 1:120

4	Density Caliper (in)	14
0	Gamma Ray (GAPI)	150
4	Bit Size (in)	14

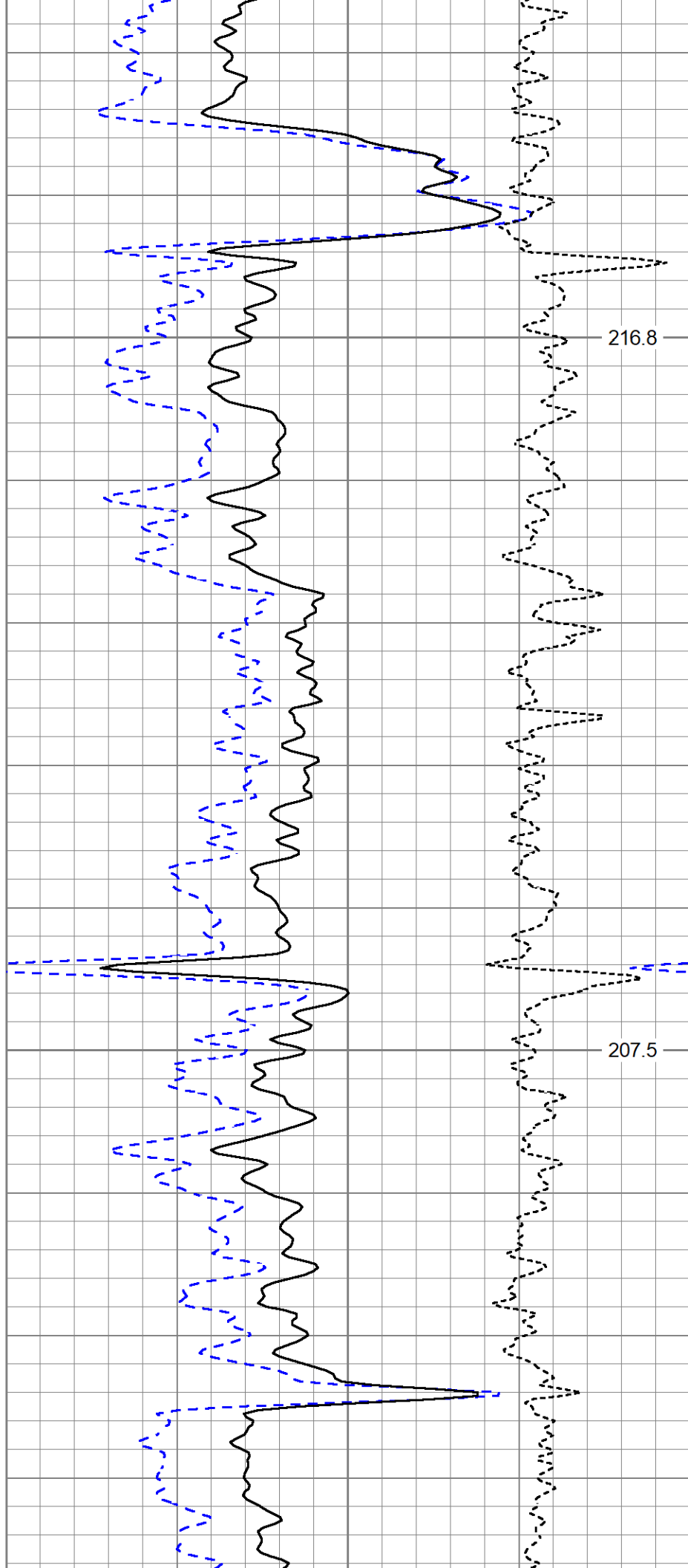
30	Density Porosity (pu)	-10
2	Bulk Density (g/cc)	3
-0.25	Correction (g/cc)	0.25
ABHV (ft3)		





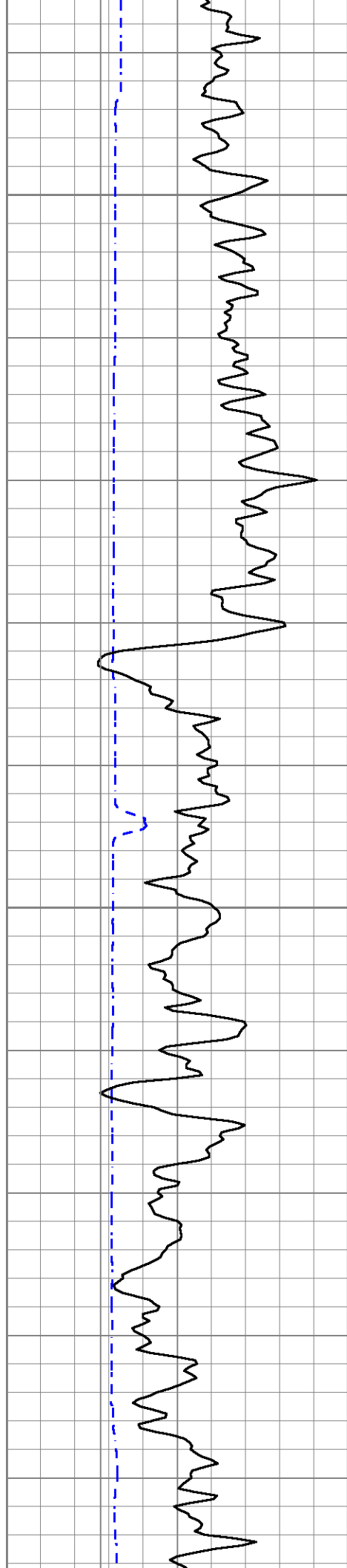
200

250



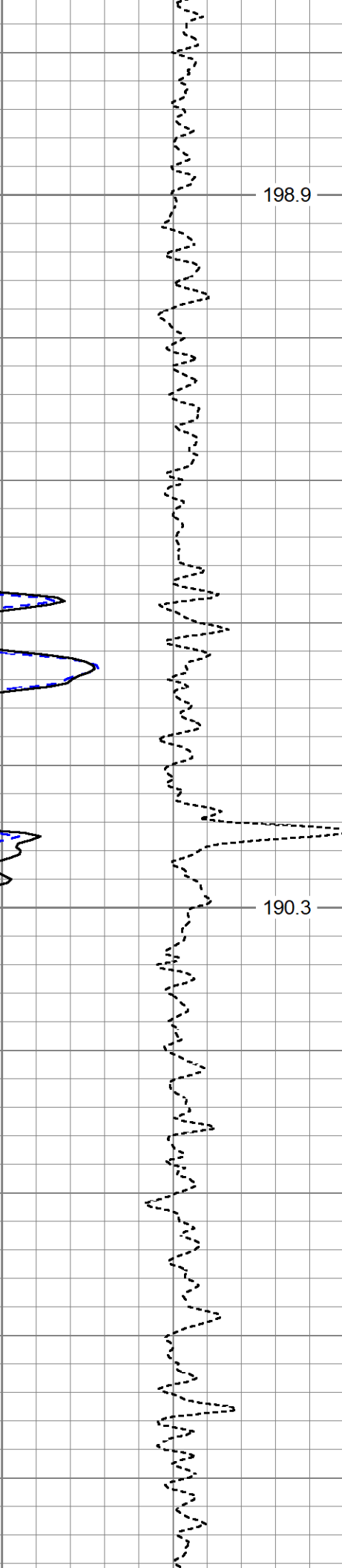
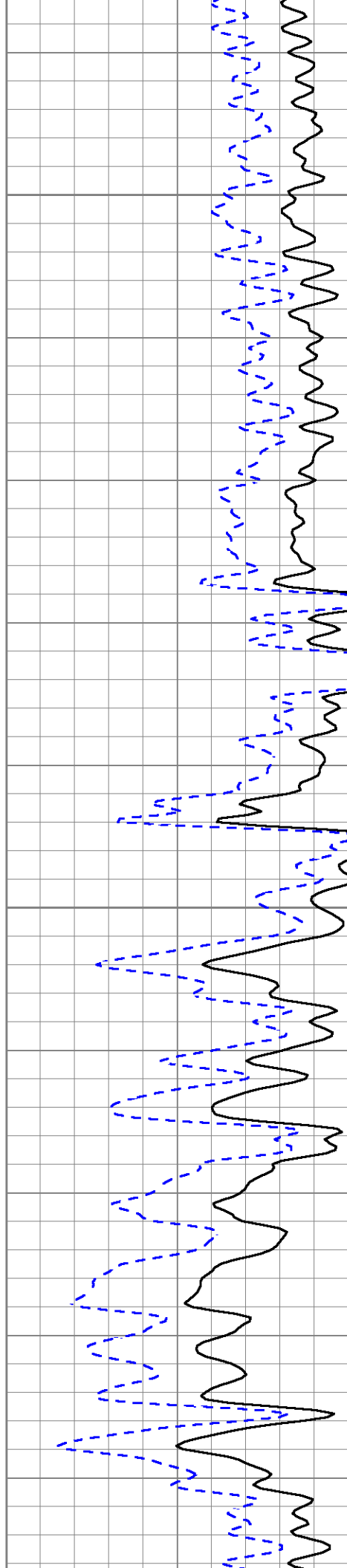
216.8

207.5



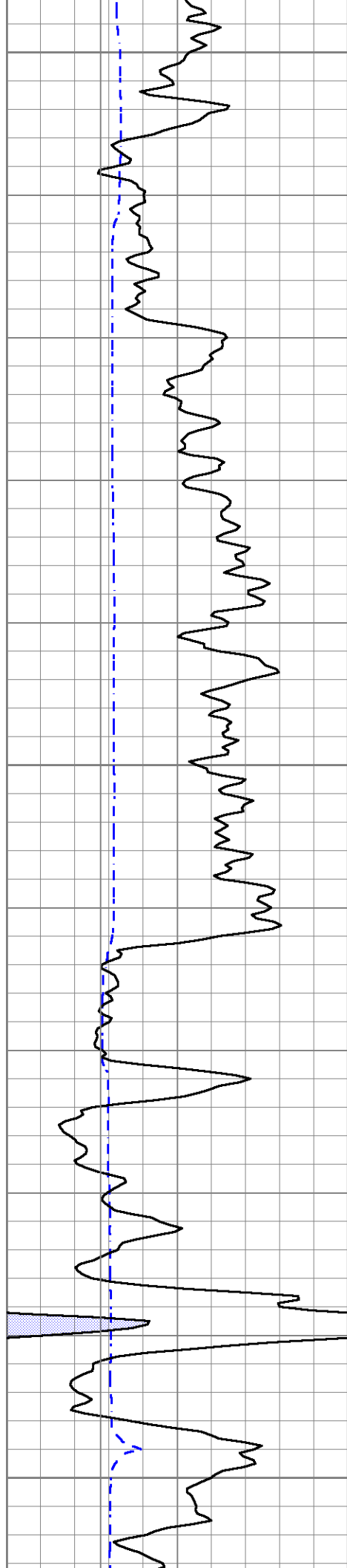
300

350



198.9

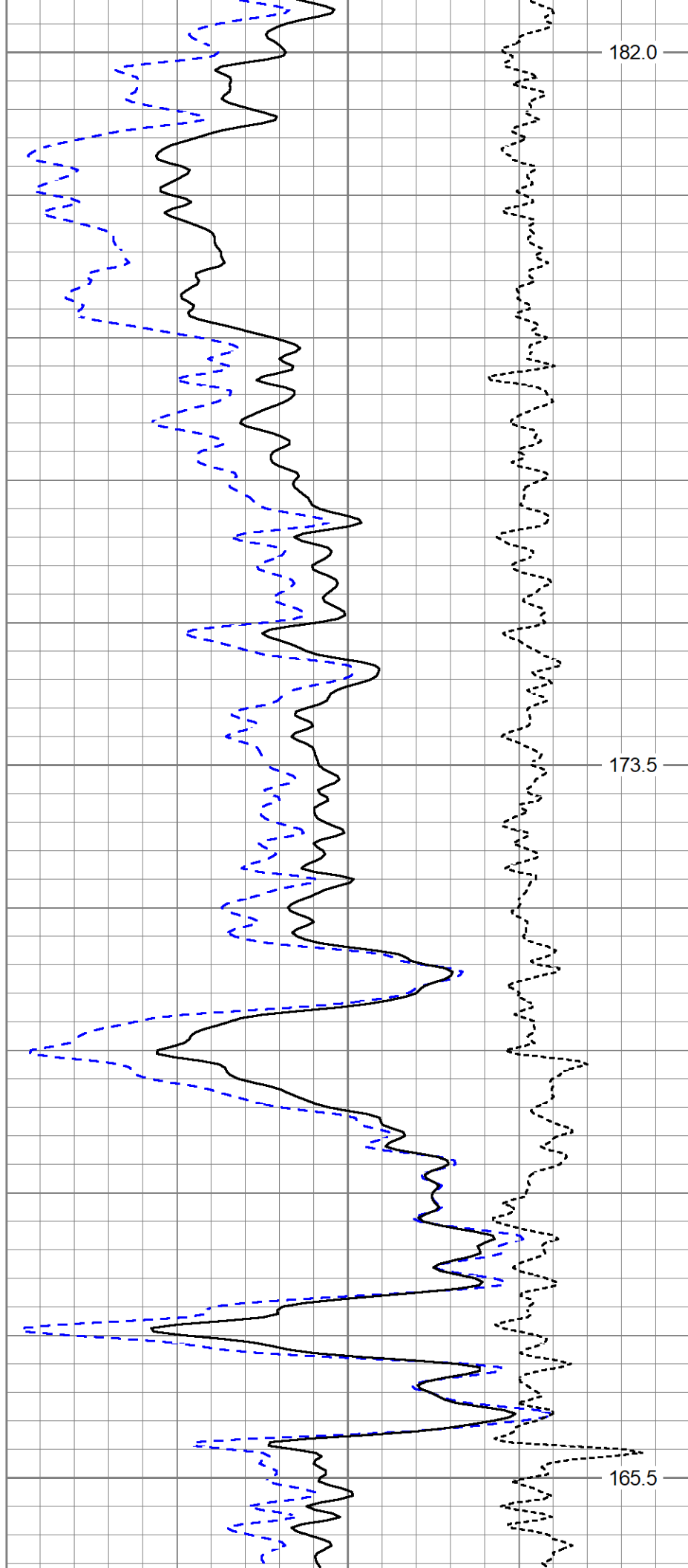
190.3



400

450

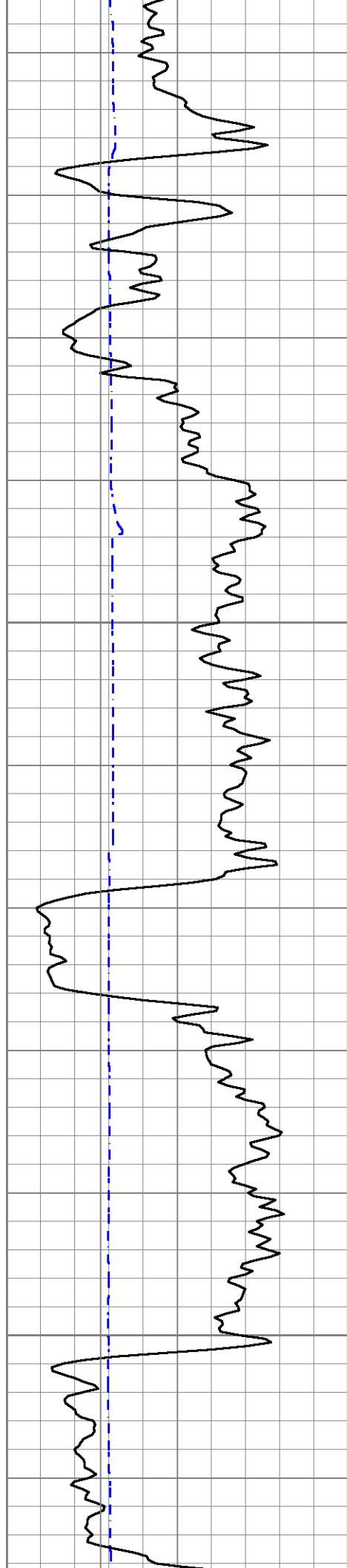
500



182.0

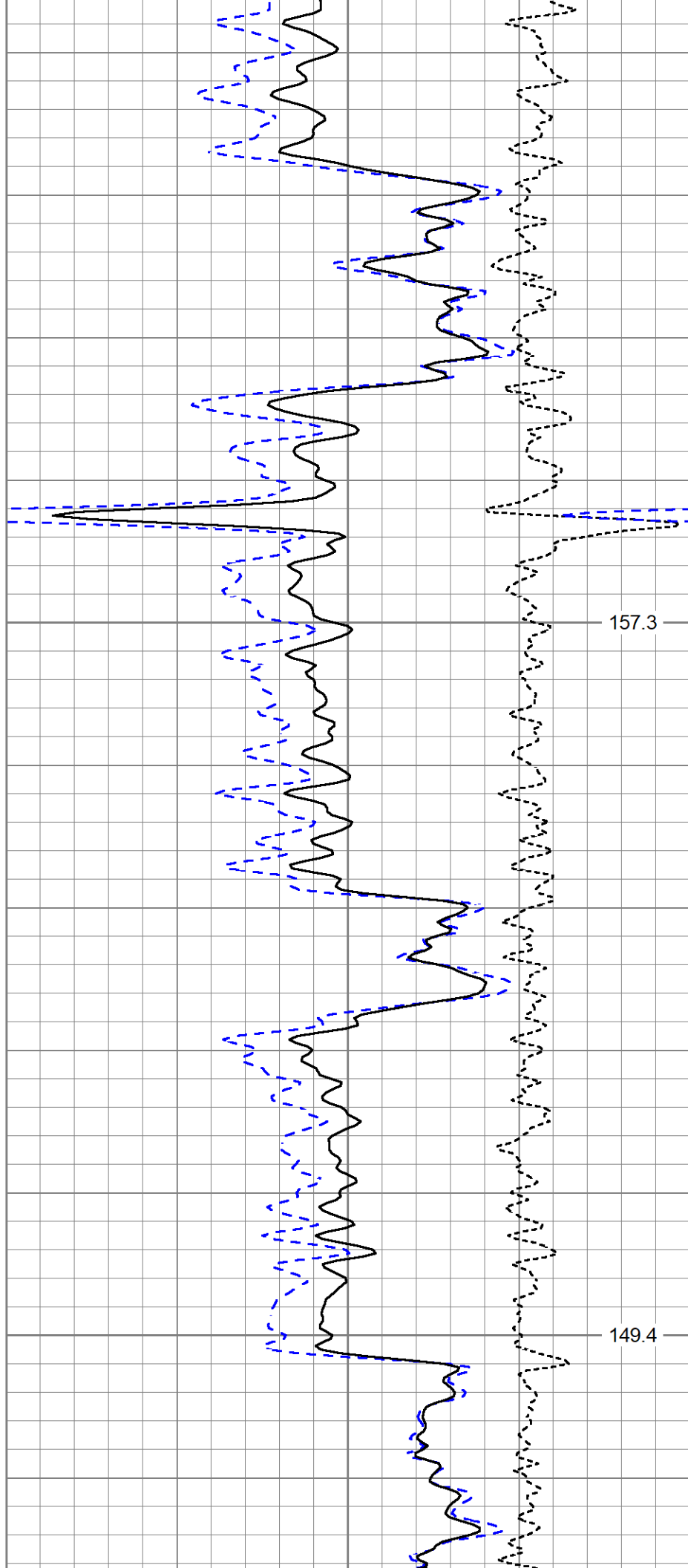
173.5

165.5



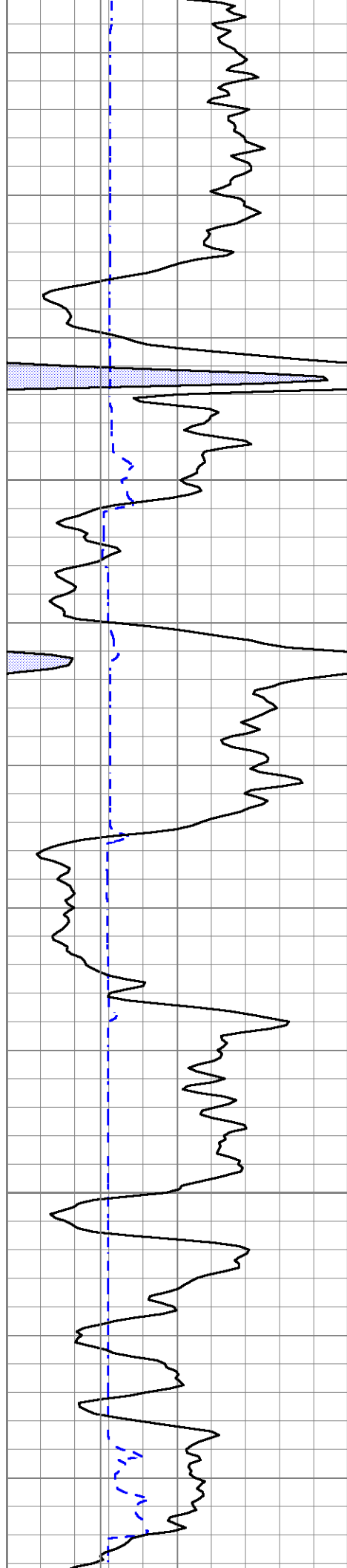
550

600



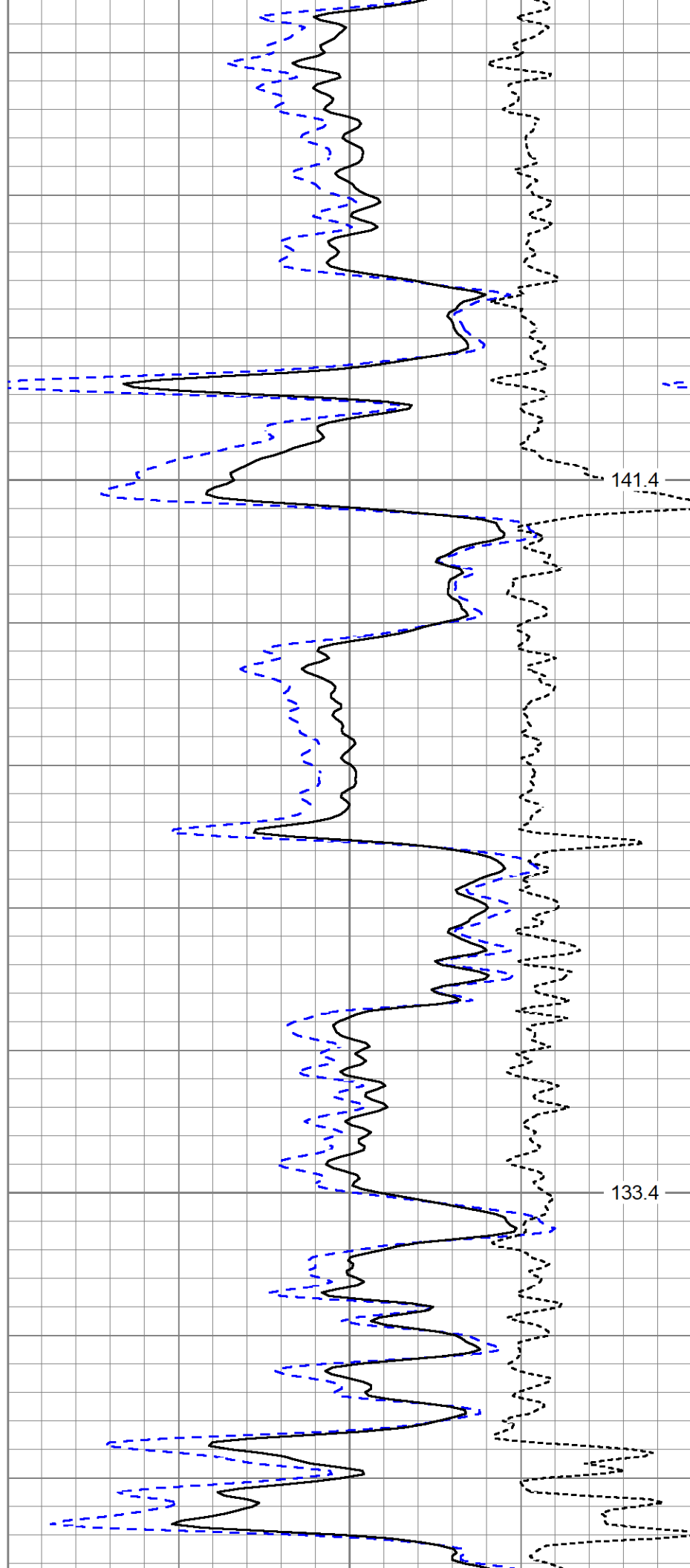
157.3

149.4



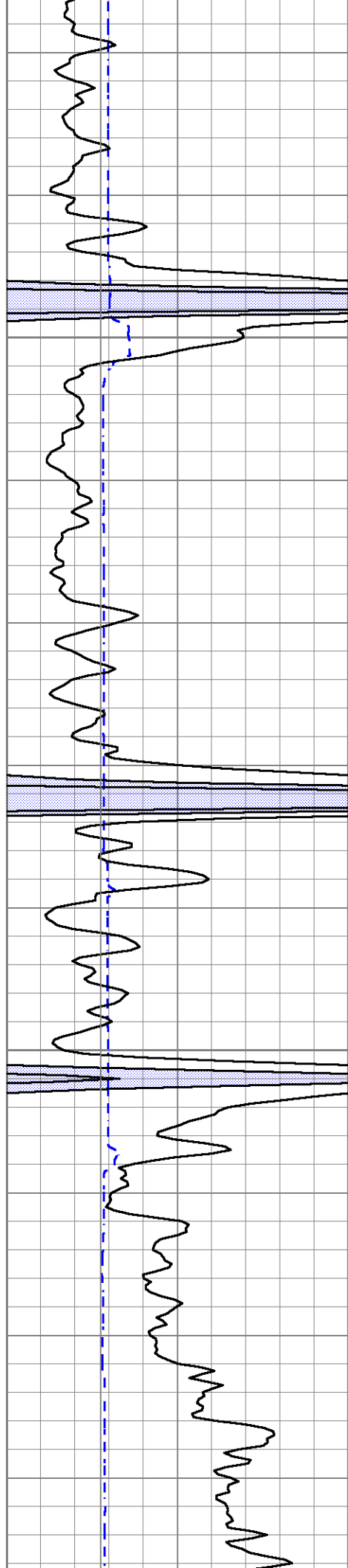
650

700



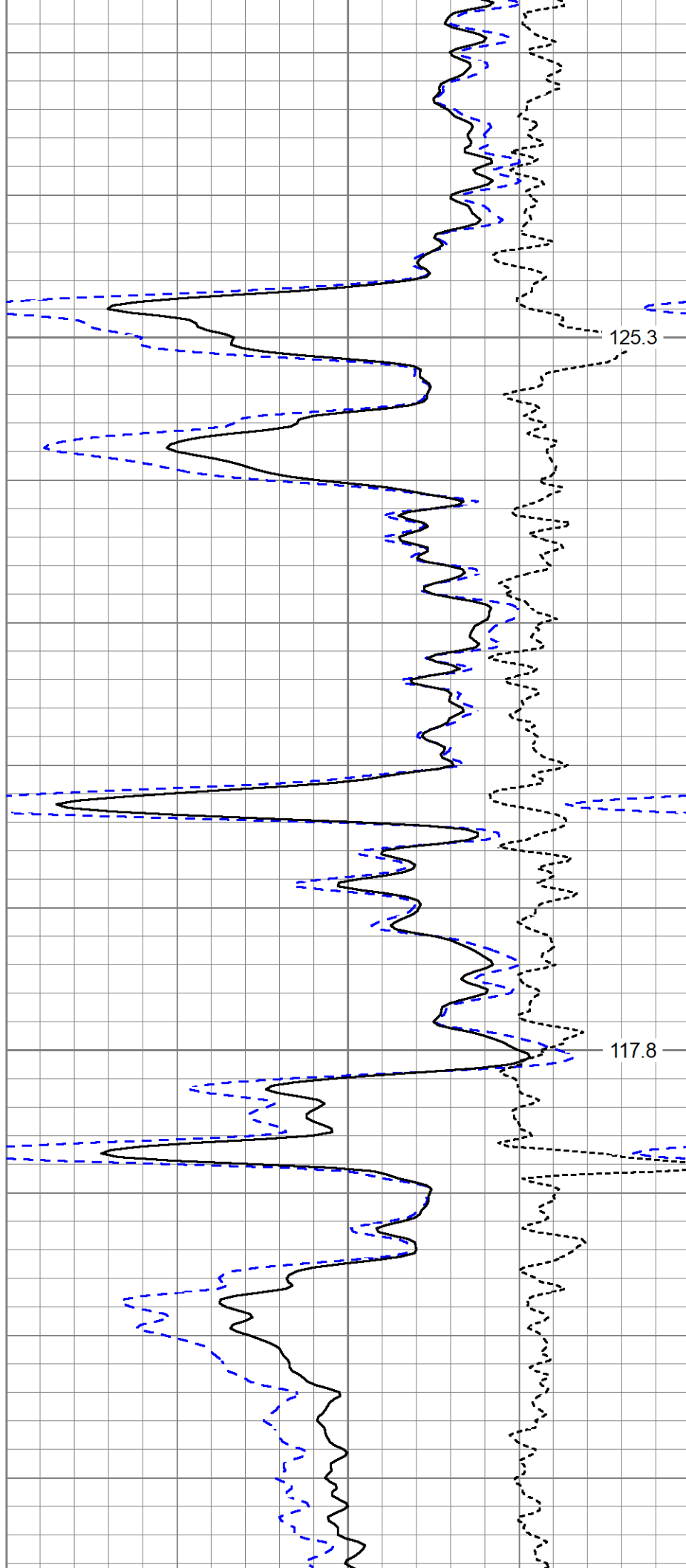
141.4

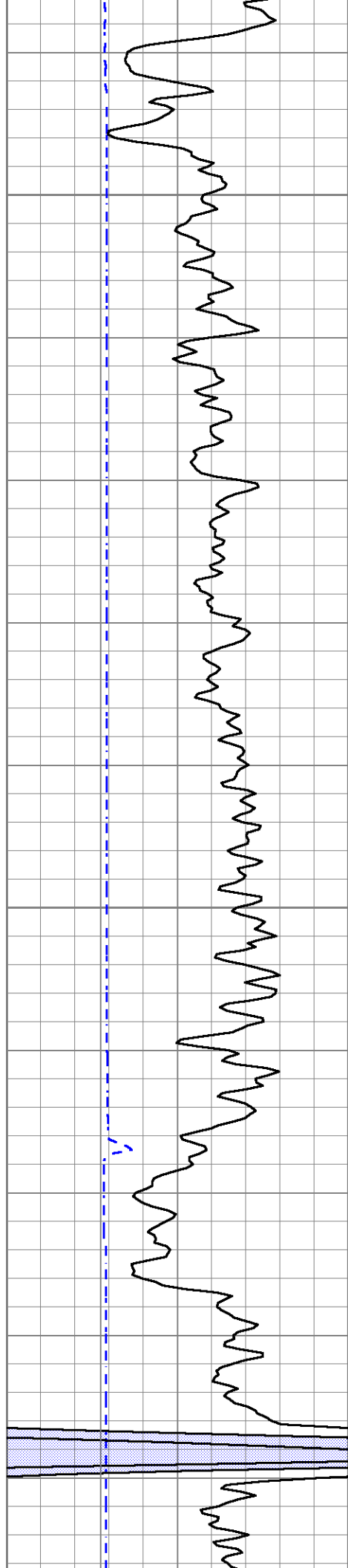
133.4



750

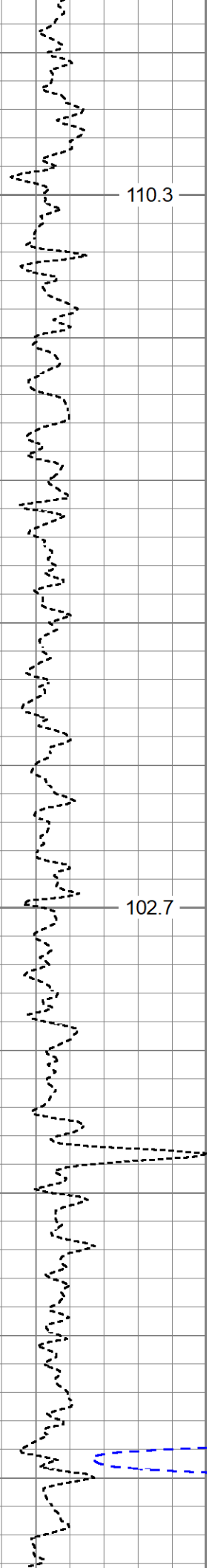
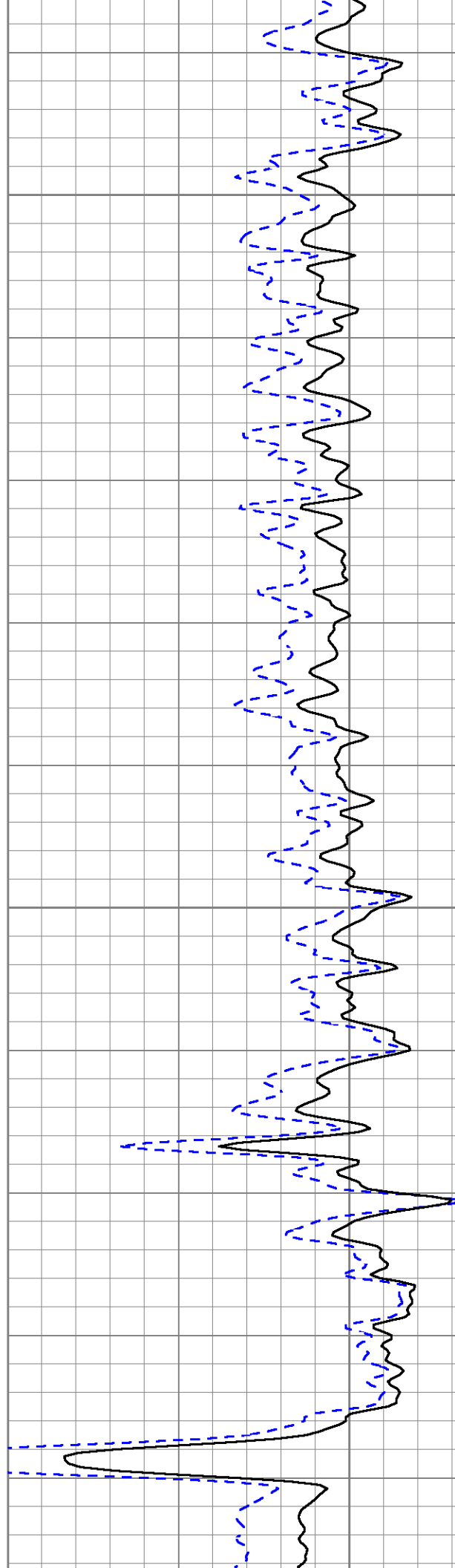
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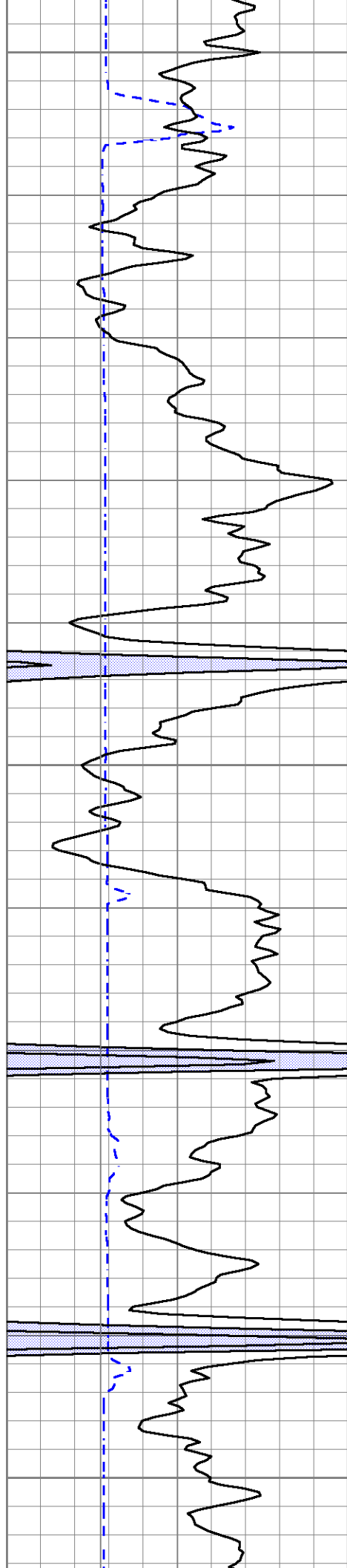
850

900



110.3

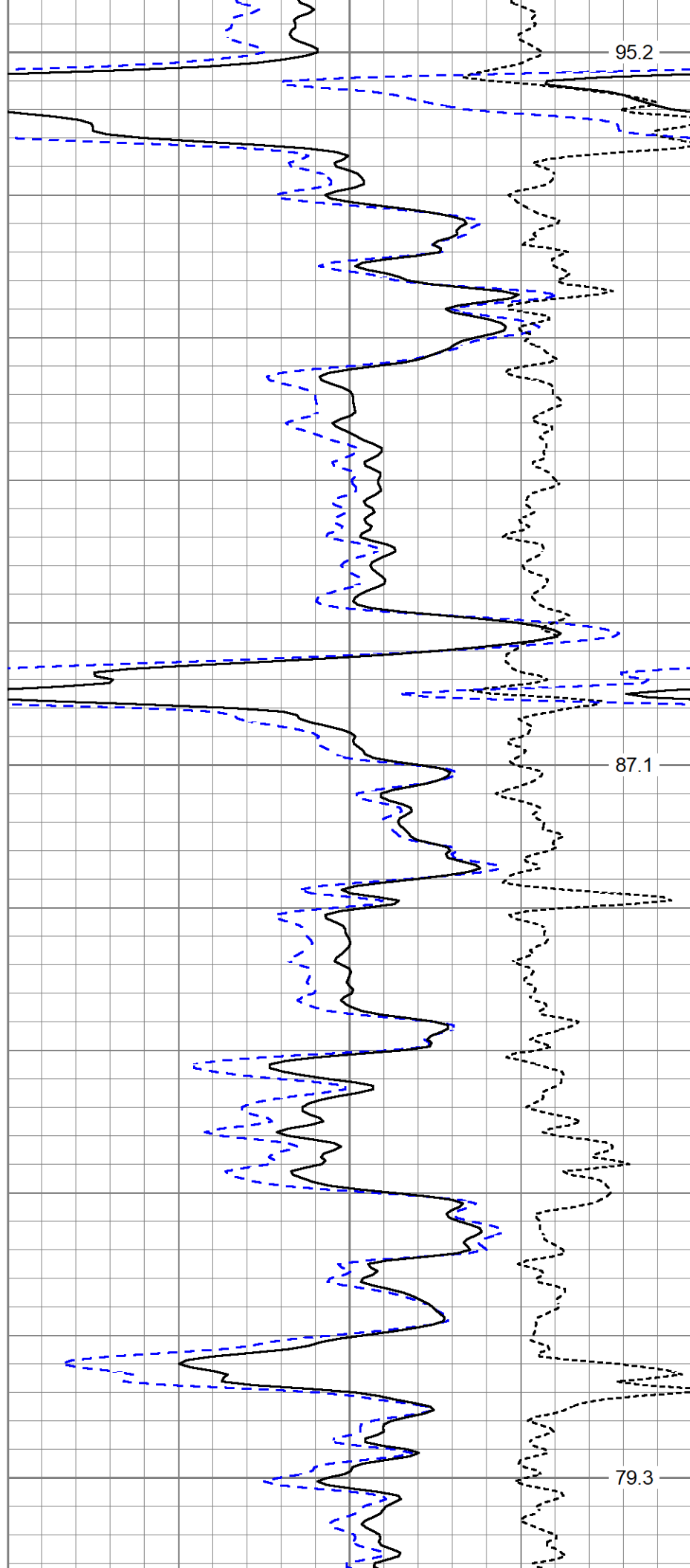
102.7



950

1000

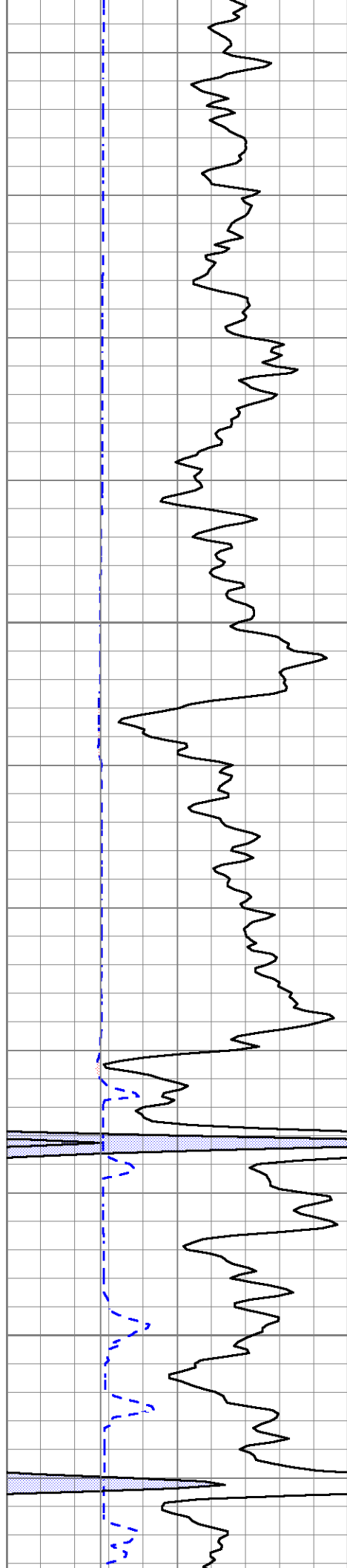
1050



95.2

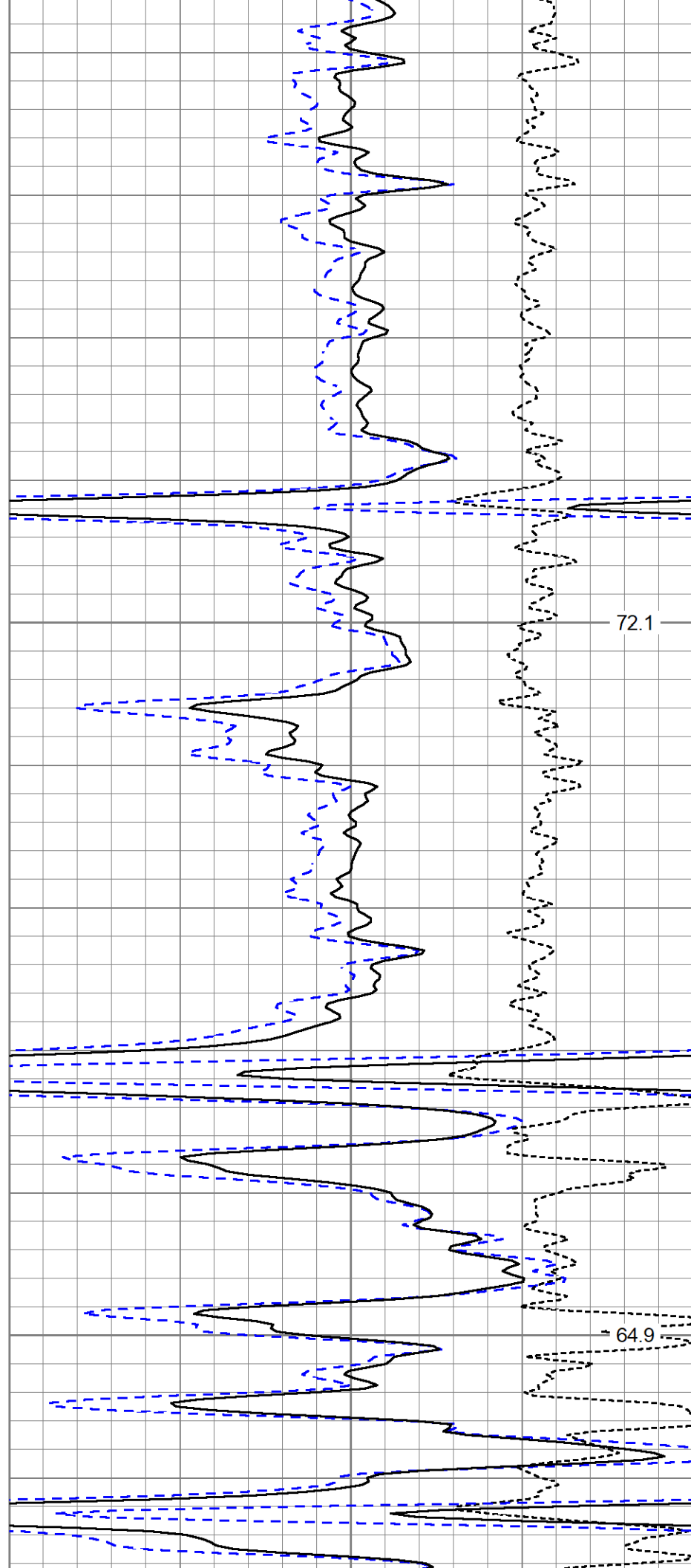
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79.3



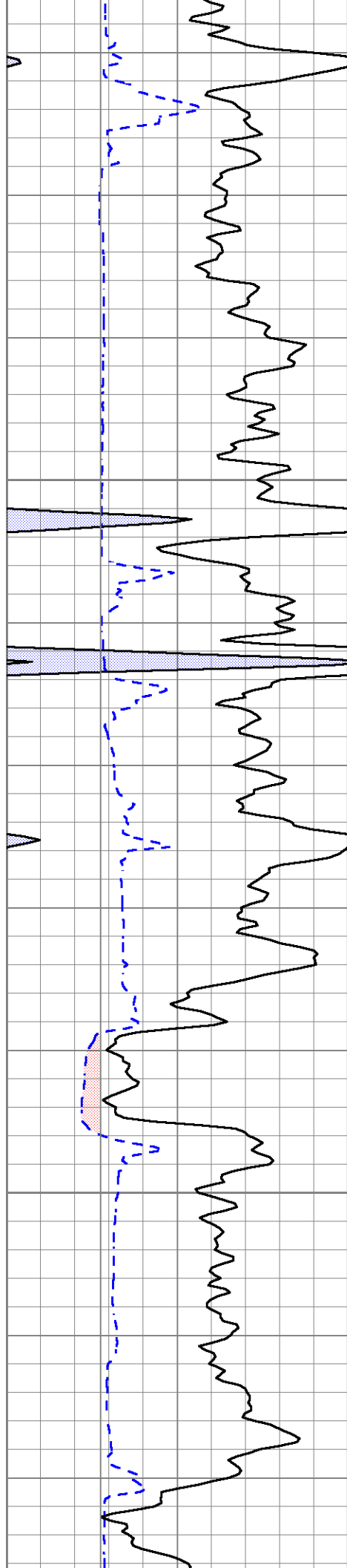
1100

1150



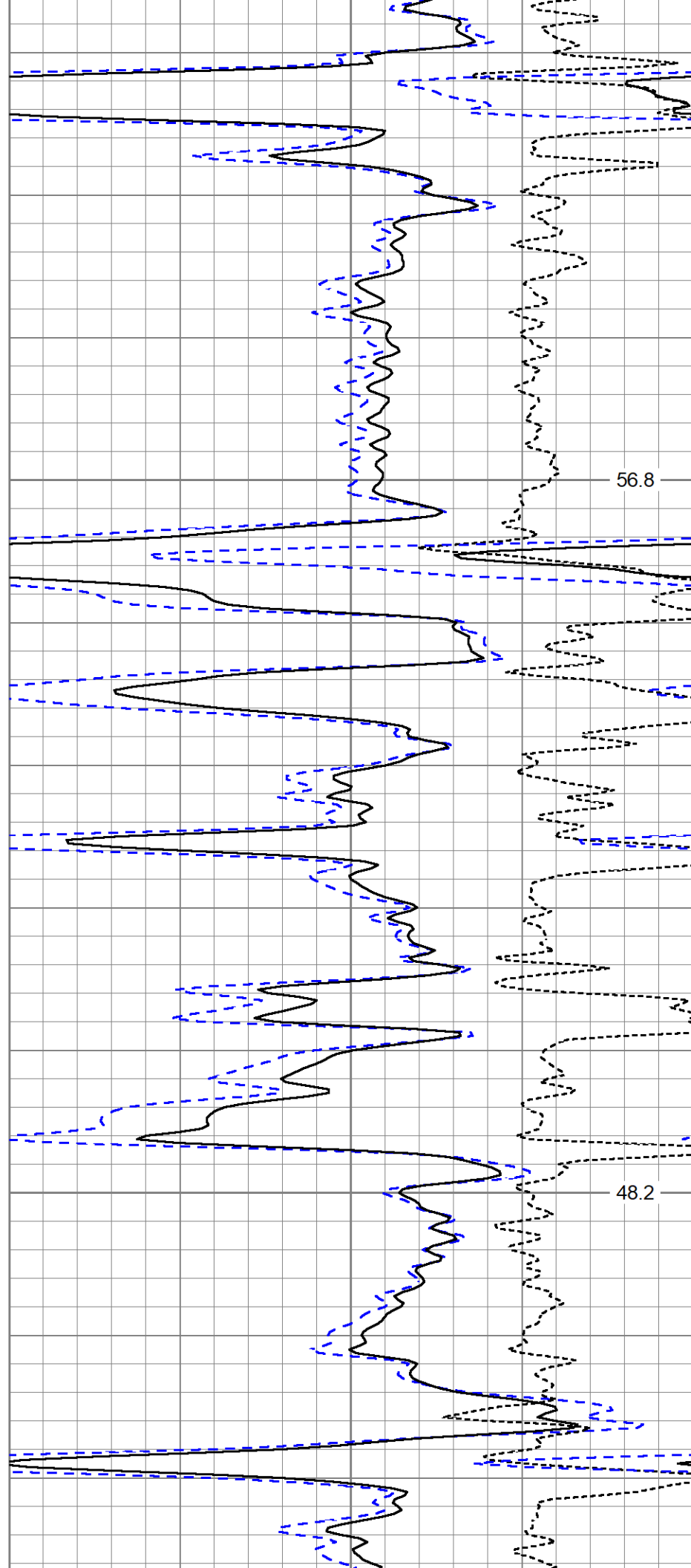
72.1

64.9



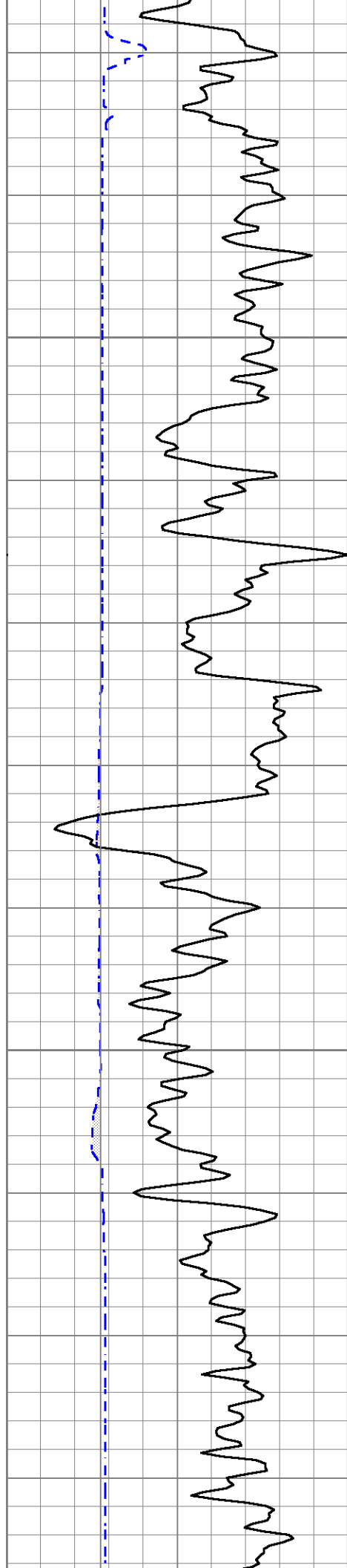
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1250



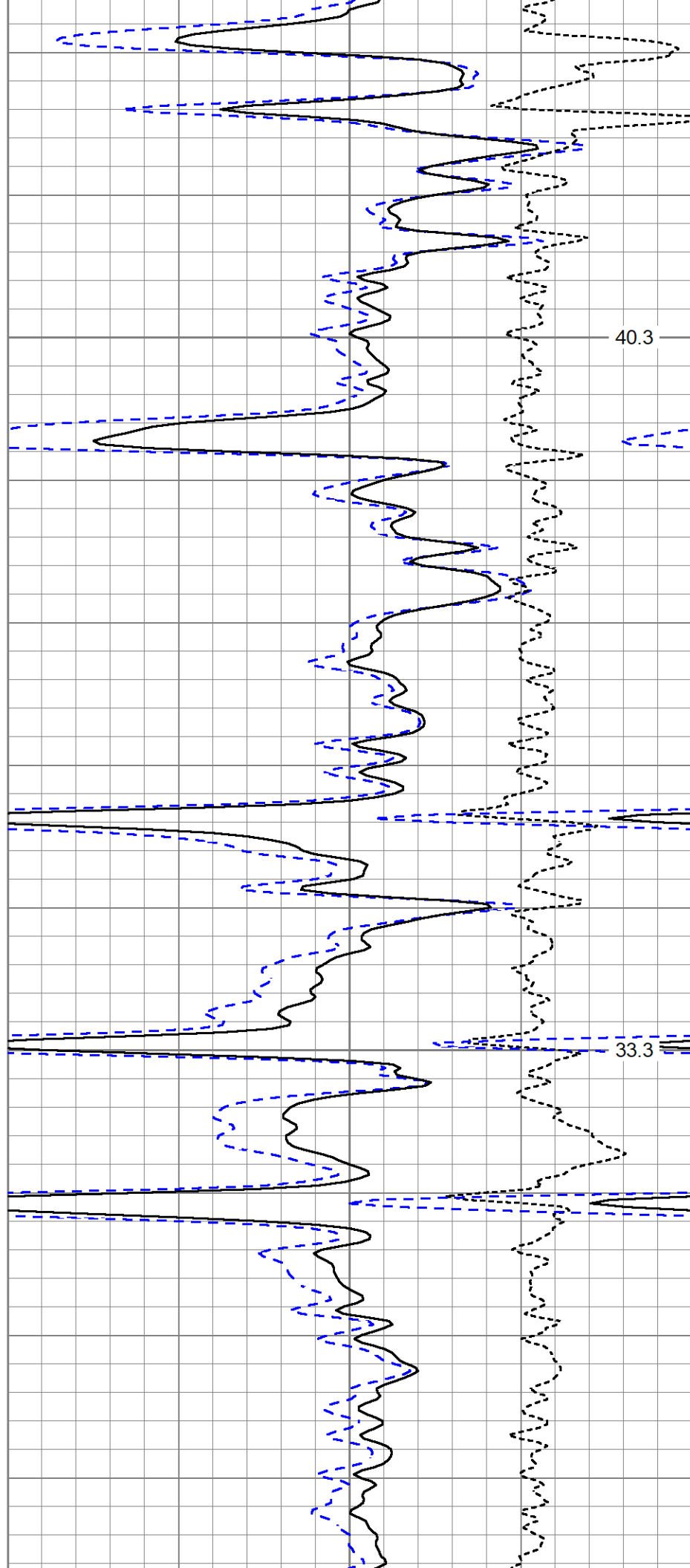
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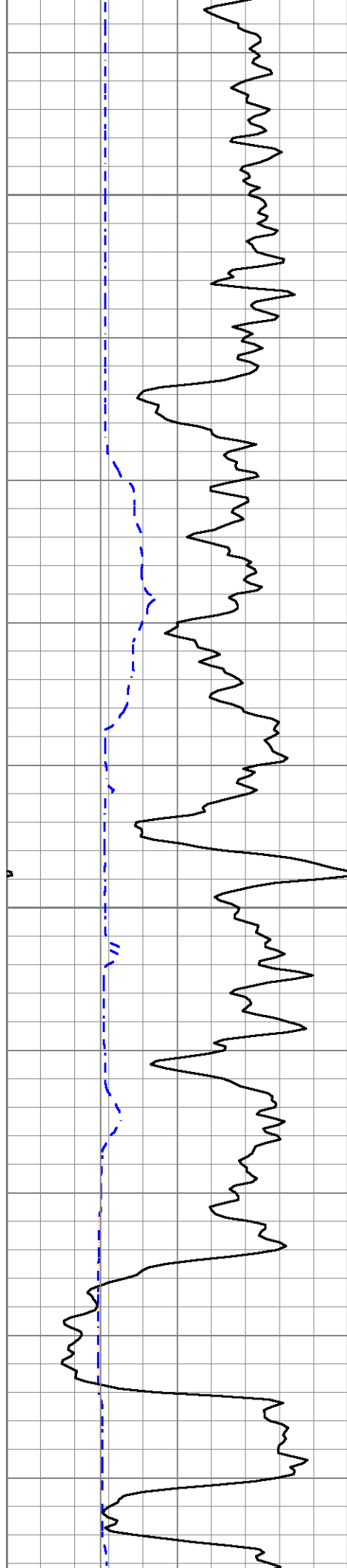
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1300

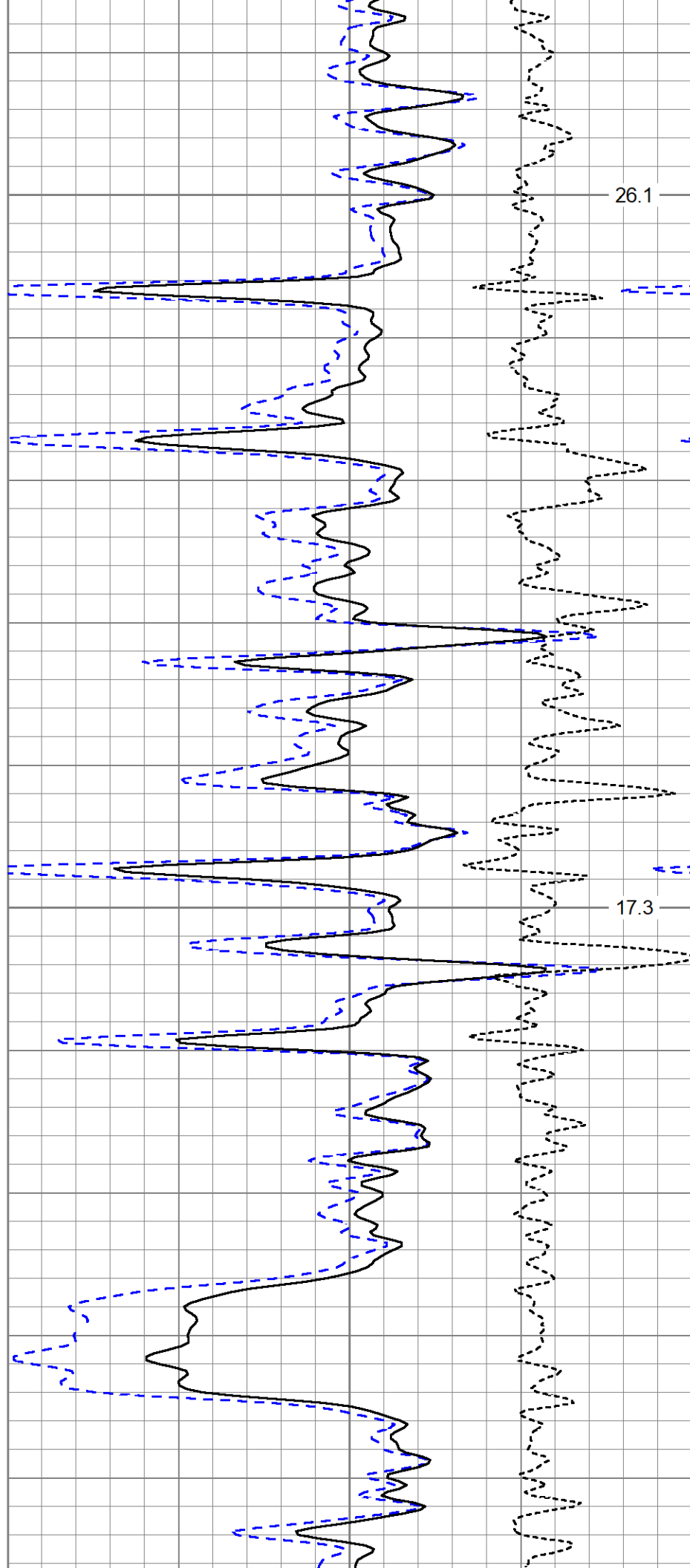
1350





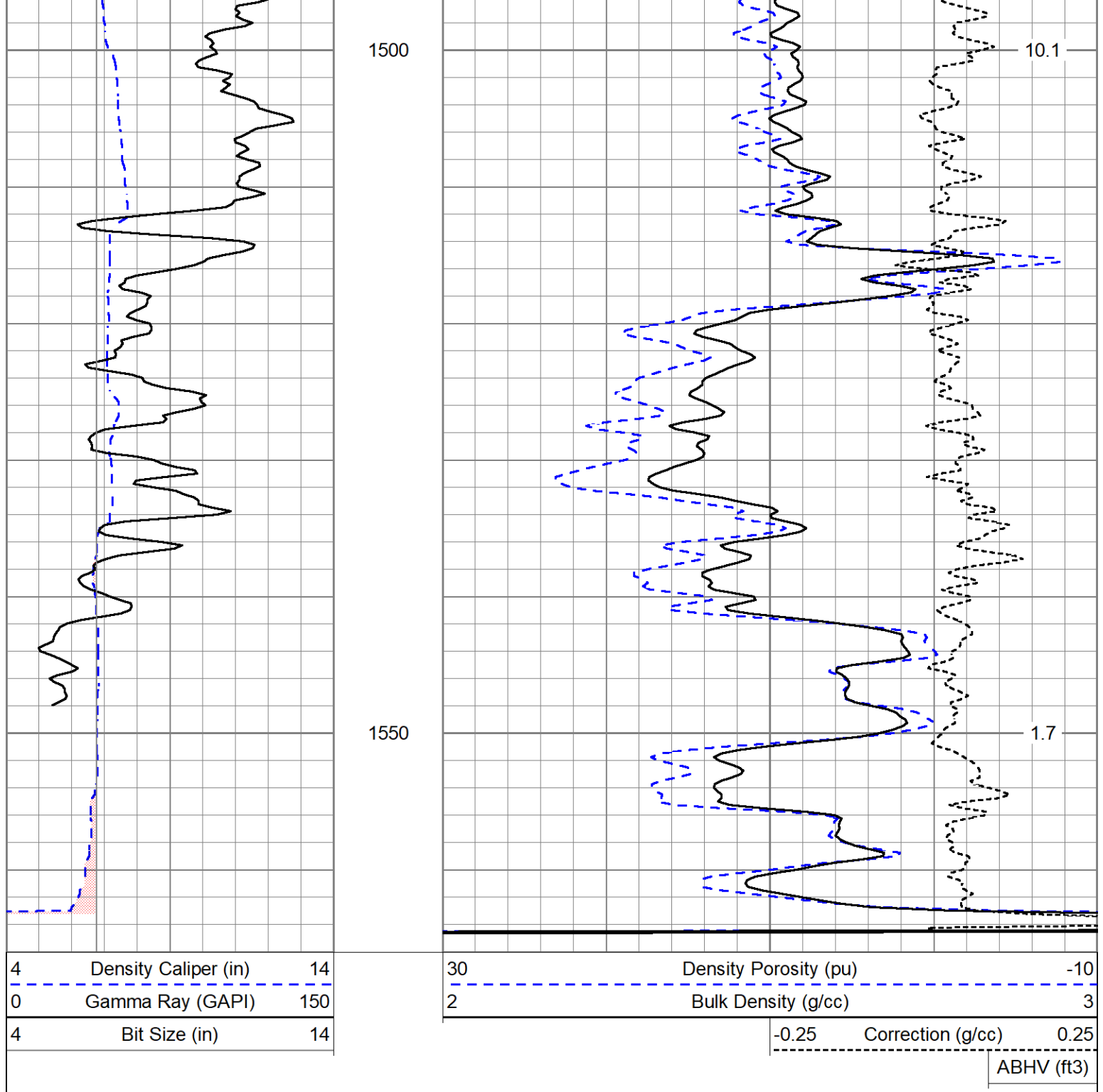
1400

1450



26.1

17.3



Calibration Report

Database File ow2-9200 kiowa gas.db
Dataset Pathname pass2.4
Dataset Creation Fri Aug 18 11:56:46 2023

Neutron Calibration Report

Serial Number: (YELLOW 0600 011 NEUTRON DOOR)
Tool Model: ADDON
Performed: Thu Aug 17 19:06:28 2023

Calibrator Values: 0 30
Calibrator Readings: 6900 3700 cps

Sensitivity: -0.009375 /cps

Inclinometer Calibration Report					
Performed:	(Not Performed)				
	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	0.00	1.00	0.00	1.00	gee
Y Accelerometer	0.00	1.00	0.00	1.00	gee
Z Accelerometer					gee

Gamma Ray Calibration Report		
Serial Number:	Yellow Tool 061221	
Tool Model:	OSAGE_01	
Performed:	Thu Aug 17 19:07:06 2023	
Calibrator Value:	150.0	GAPI
Background Reading:	610.0	cps
Calibrator Reading:	930.0	cps
Sensitivity:	0.4688	GAPI/cps

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
ACCY	17.83		ADMYR_TELEMETRY-OSAGE_01 (Yellow Tool 061221) Admyr Telemetry With Gr, Deviation, ADC board and Pulses Board in it.	3.69	3.25	53.00
ACCX	17.83					
GR	16.65					
FRAMES	15.33		NEU-ADDON ((YELLOW 0600 011 NEUTRON DOOR)) Inline Neutron	5.65	3.38	84.00
SSTAT	15.33					
PSTAT	15.33					
ASTAT	15.33					
NEU	11.66		ADT1LITH-C: Digital Density (1C)	9.69	0.00	
DCAL	2.79					
LSD	2.54					
SSD	1.96					
PSTAT2	0.00					
TR_Mon	0.00					

Dataset:
ow2-9200 kiowa gas.db: field/well/run1/pass2.3

Total length:
19.02 ft

Total weight:
127.00 lb

Total weight:	157.00 lb
O.D.:	3.38 in