

SONIC LOG

Company DOWNING-NELSON OIL CO., INC.

Well KRAMER-SCOTT UNIT #1-16

Field WILDCAT

County RAWLINS State KANSAS

Location: API #: 15-153-21258-0000

1640' FNL & 285' FWL

SEC 16 TWP 5S RGE 36W

Permanent Datum GROUND LEVEL Elevation 3282
Log Measured From KELLY BUSHING 12' A.G.L.
Drilling Measured From KELLY BUSHING

Other Services
CDL/CNL
DIL/ML
Elevation
K.B. 3294
D.F. 3292
G.L. 3282

Date 5/13/21

Run Number TWO

Depth Driller 4870

Depth Logger 4870

Bottom Logged Interval 4860

Top Log Interval 00

Casing Driller 8 5/8" @ 480

Casing Logger 480

Bit Size 7 7/8"

Type Fluid in Hole CHEMICAL MUD

Density / Viscosity 9.1/63

pH / Fluid Loss 10.0/8.0

Source of Sample FLOWLINE

Rm @ Meas. Temp 1.5@ 70F

Rmf @ Meas. Temp 1.13@ 70F

Rmc @ Meas. Temp 1.8 @ 70F

Source of Rmf / Rmc MEASURED

Rm @ BHT .85@ 124F

Time Circulation Stopped 2 HOURS

Time Logger on Bottom 1111

Maximum Recorded Temperature 124F

Equipment Number 1523

Location HAYS, KANSAS

Recorded By GUS PFANENSTIEL

Witnessed By MARC DOWNING

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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

THANK YOU FOR USING ELI WIRELINE, HAYS, KS. (785) 628-6395

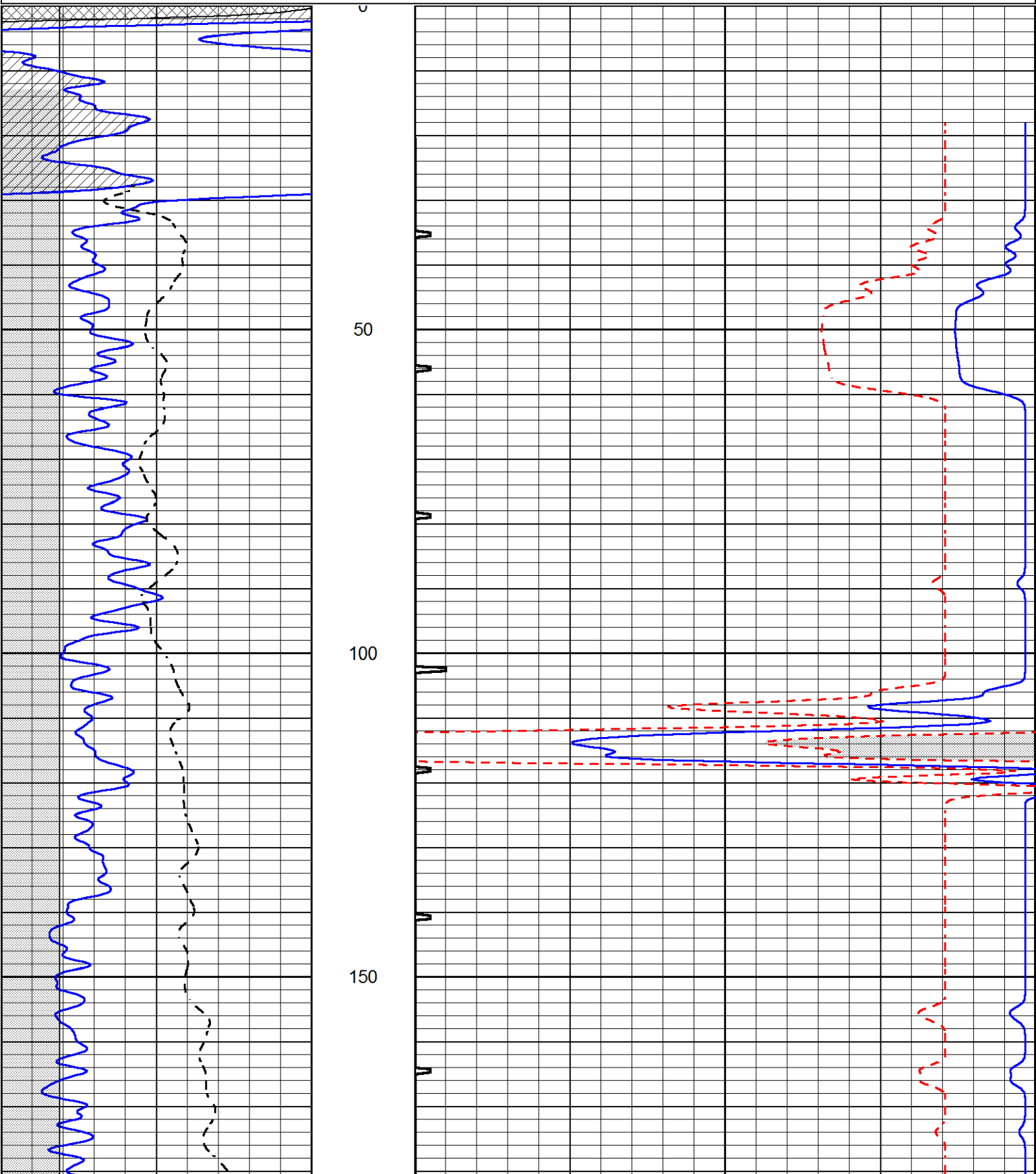
DIRECTIONS: BREWSTER NORTH HALF MILE SOUTH OF RD. G
EAST INTO.

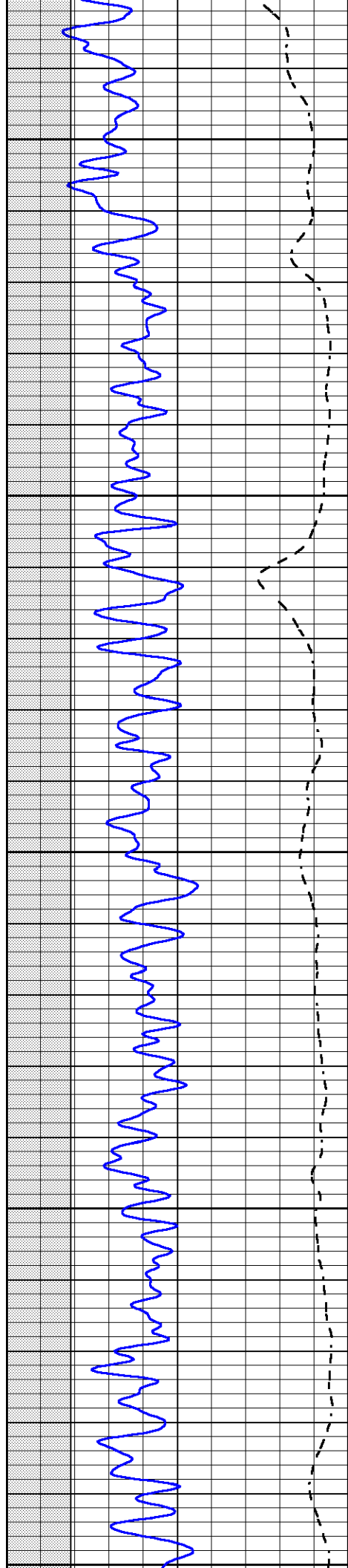


MAIN PASS

Database File	5435ddn.db
Dataset Pathname	pass1LAS
Presentation Format	_slt
Dataset Creation	Thu May 13 07:27:37 2021
Charted by	Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	40
6	CALIPER (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu)	-10
-100	SP (mV)	100	TBHV	0	ITT (msec)	20
			0 (ft3) 10			





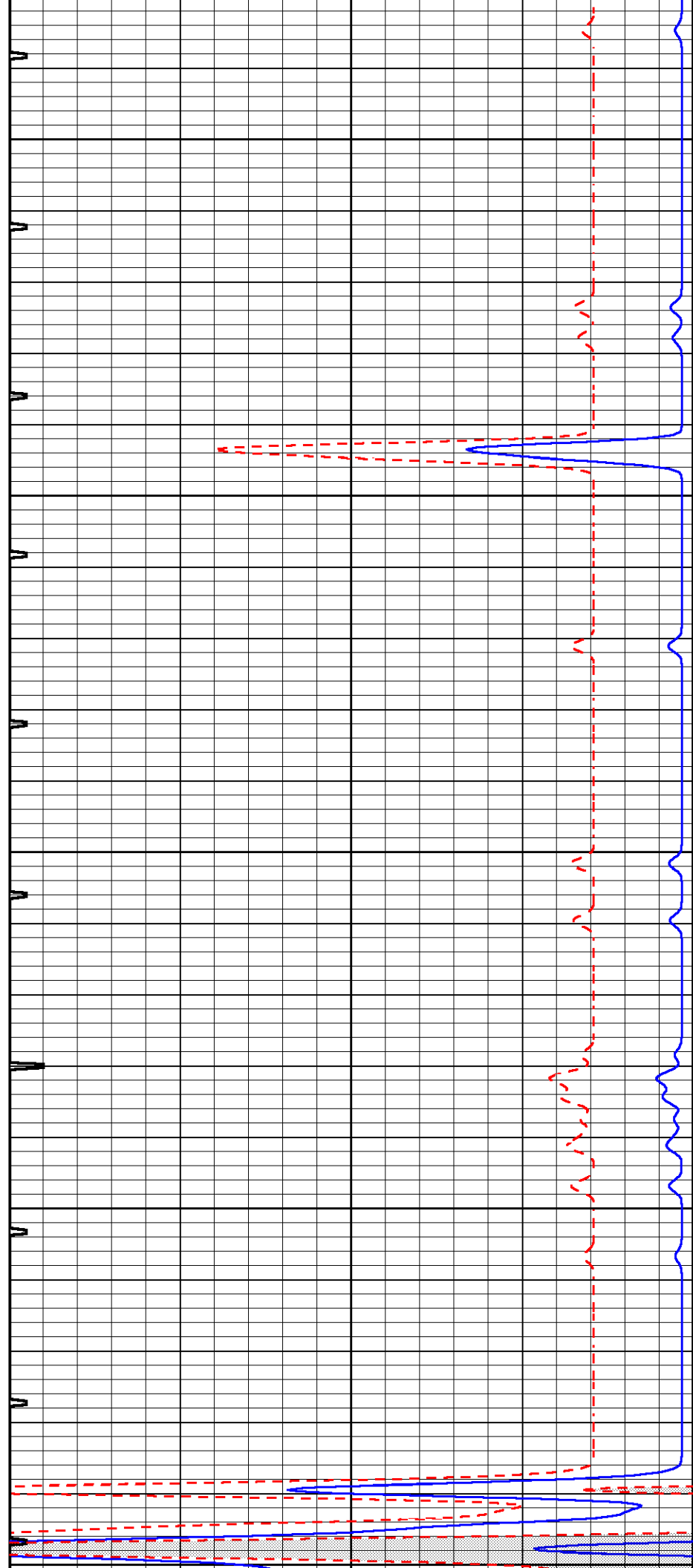
200

250

300

350

400



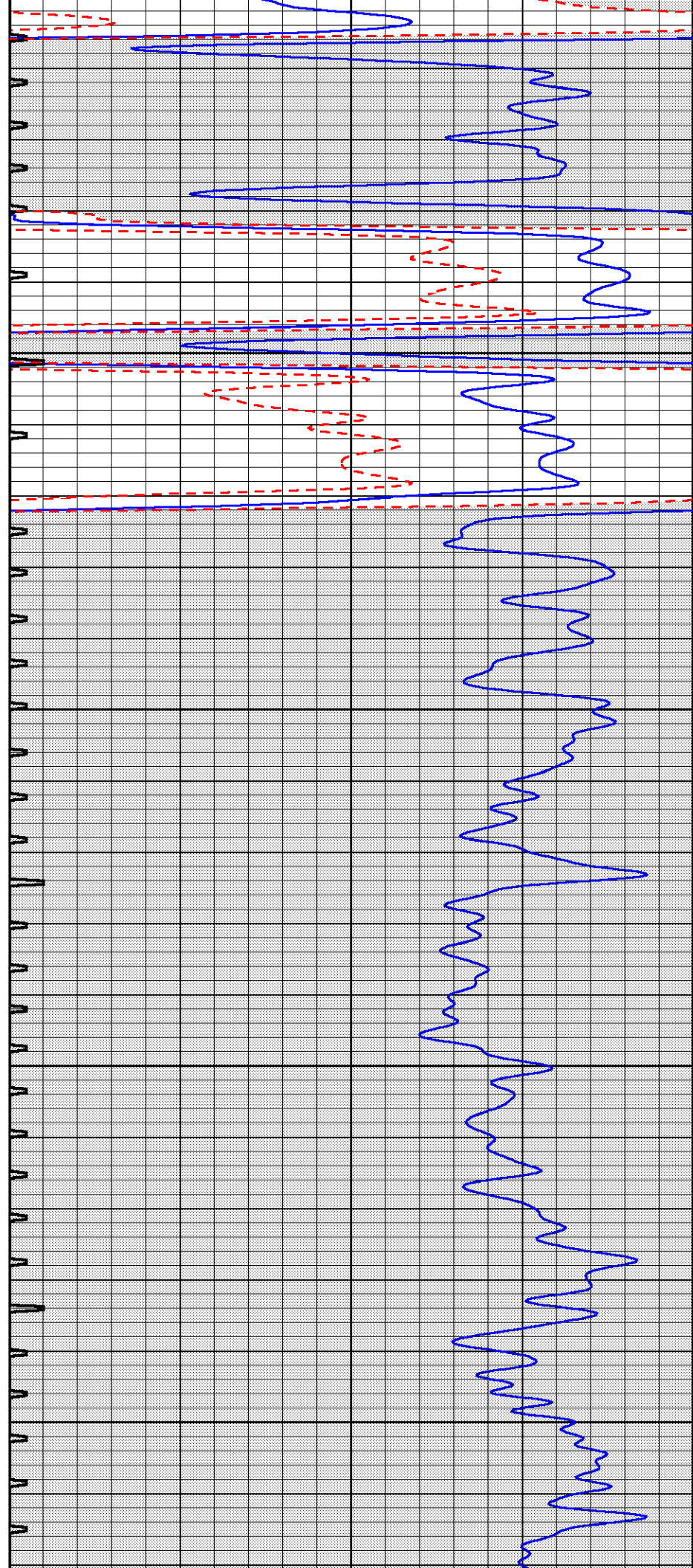
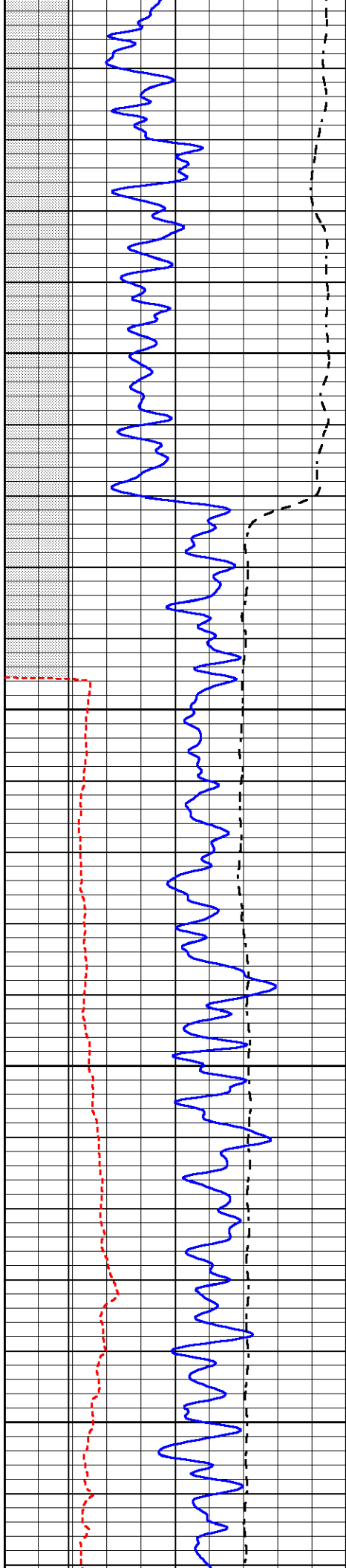
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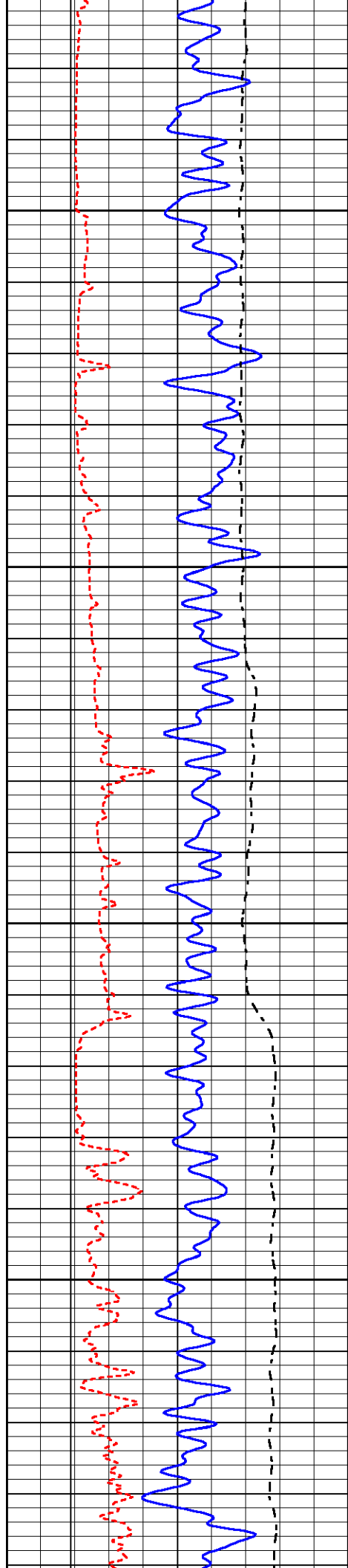
450

500

550

600



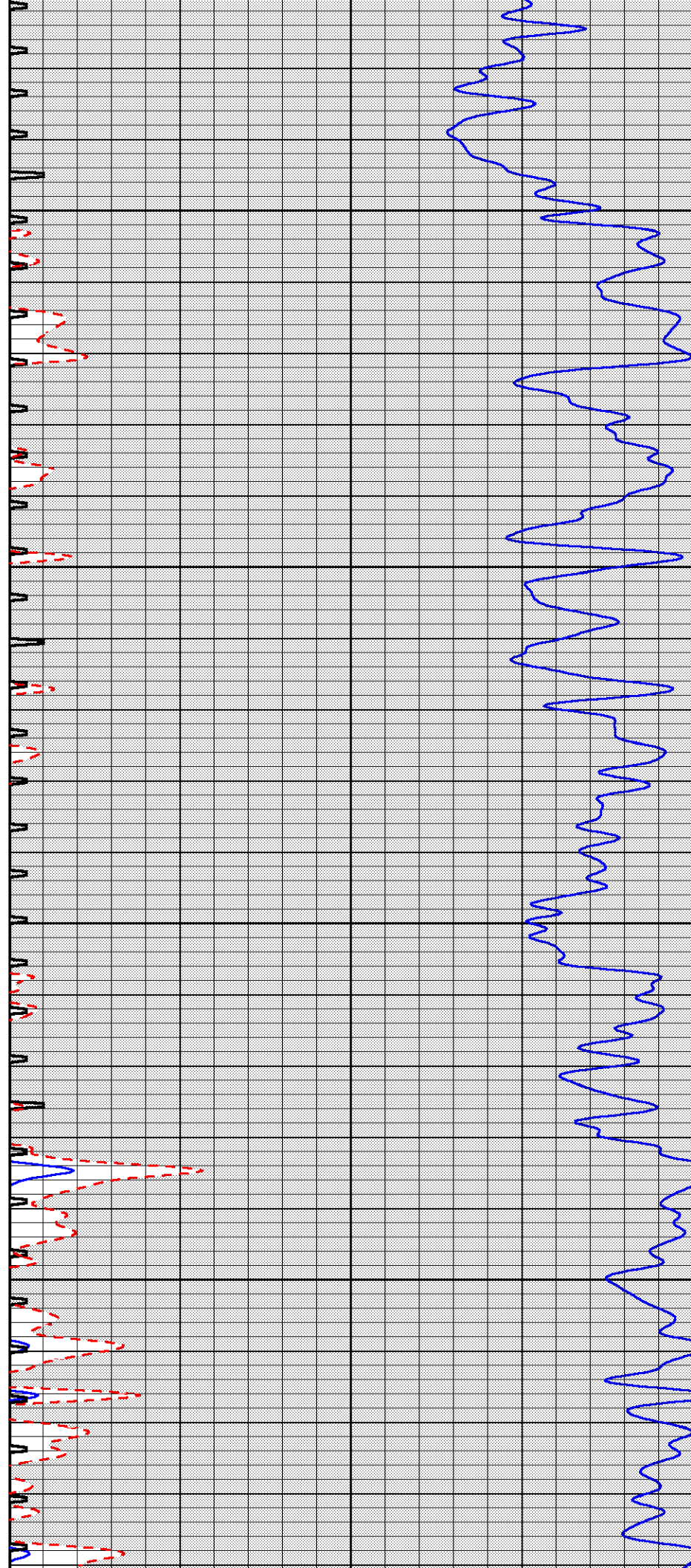


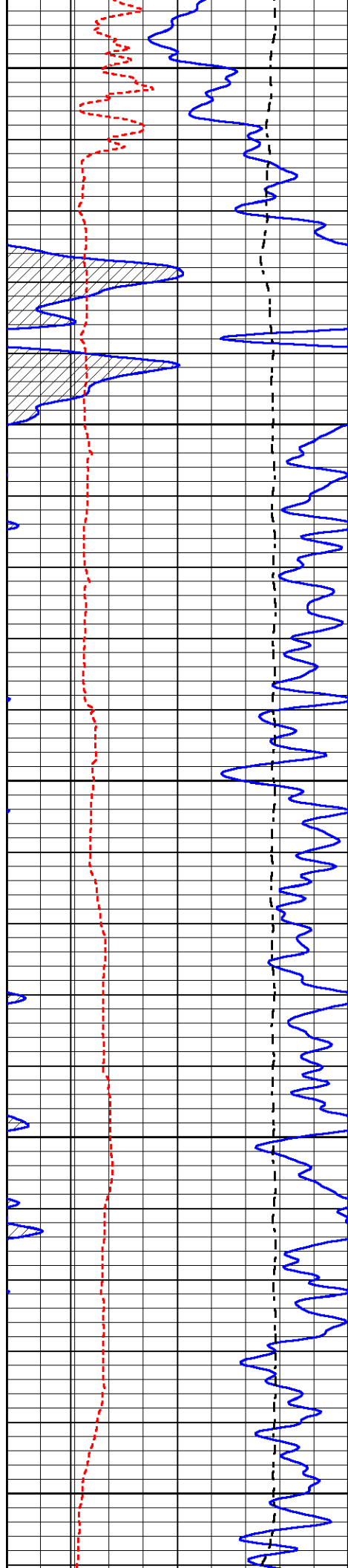
650

700

750

800





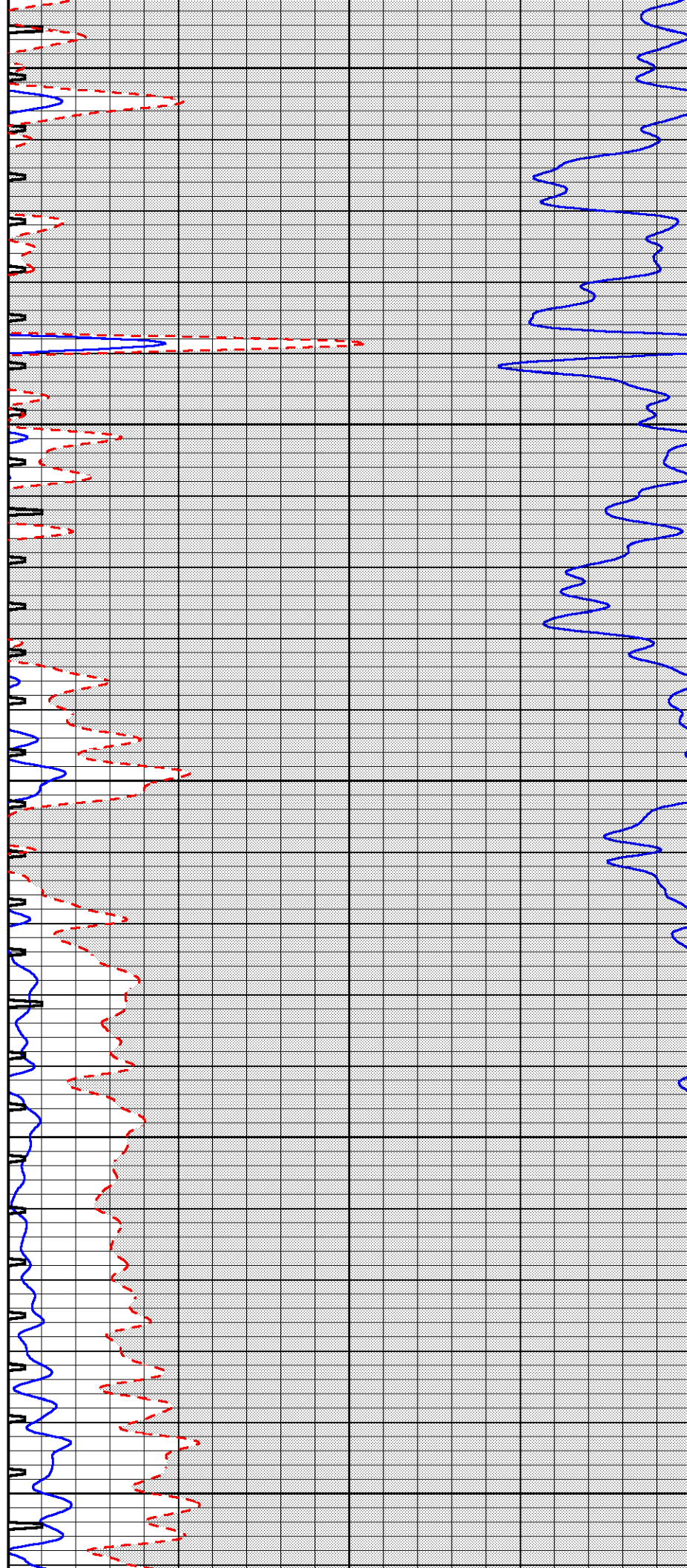
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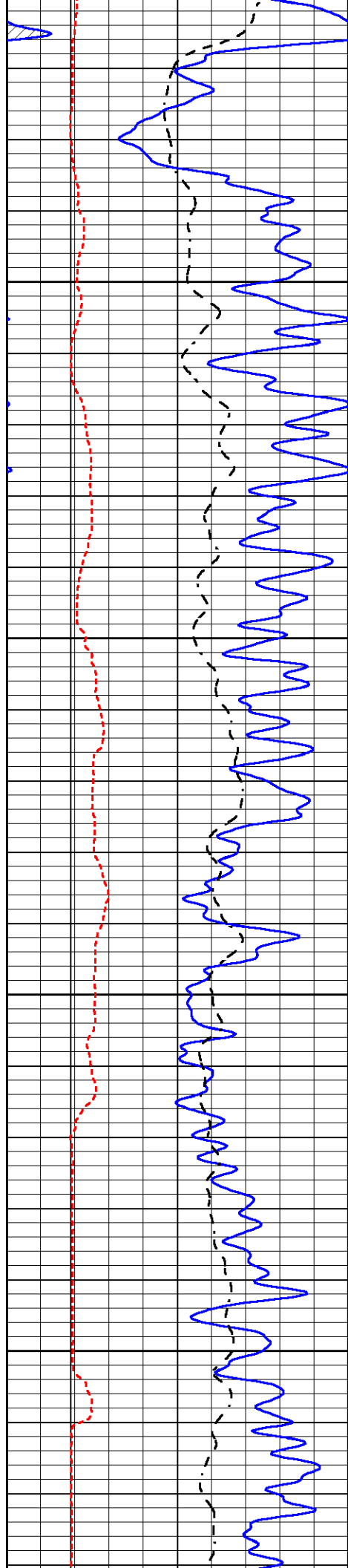
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950

1000

1050



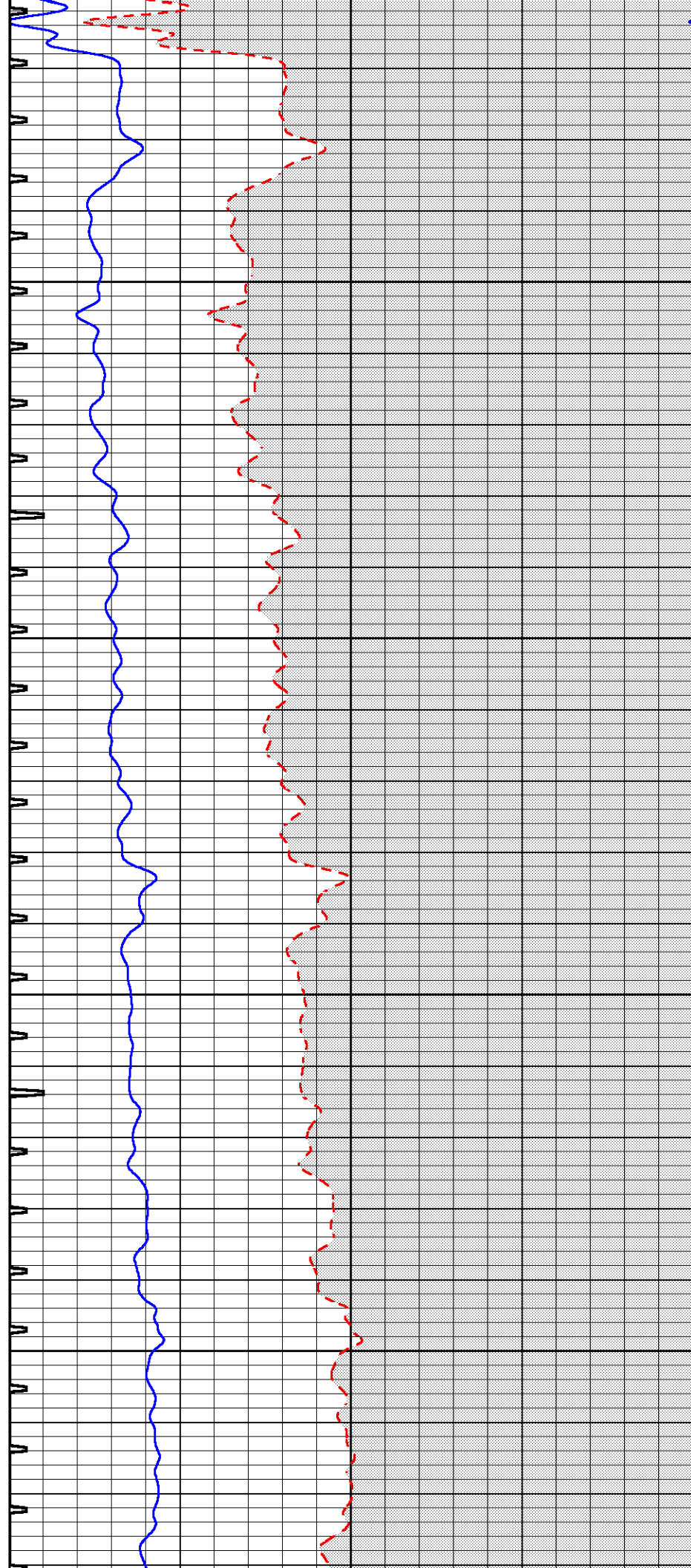


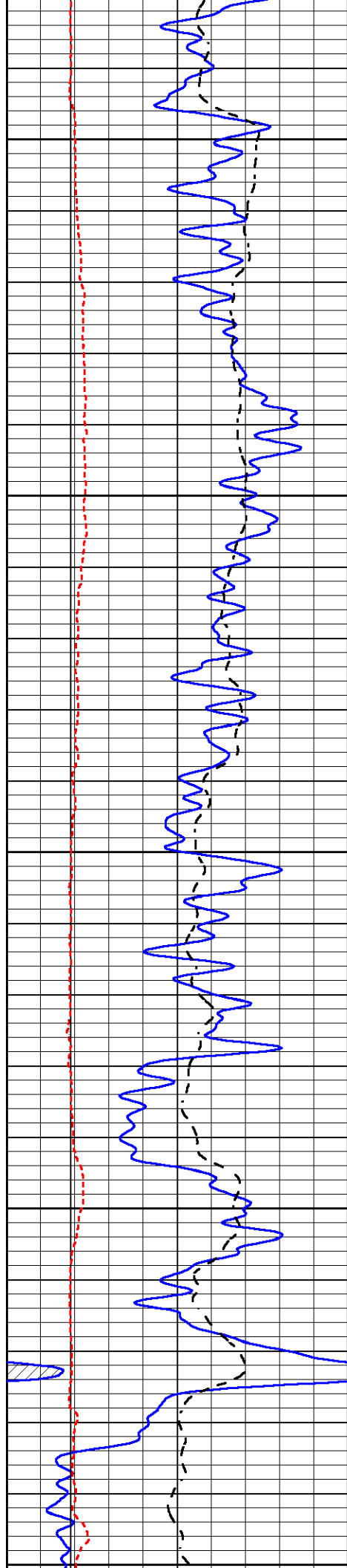
1100

1150

1200

1250





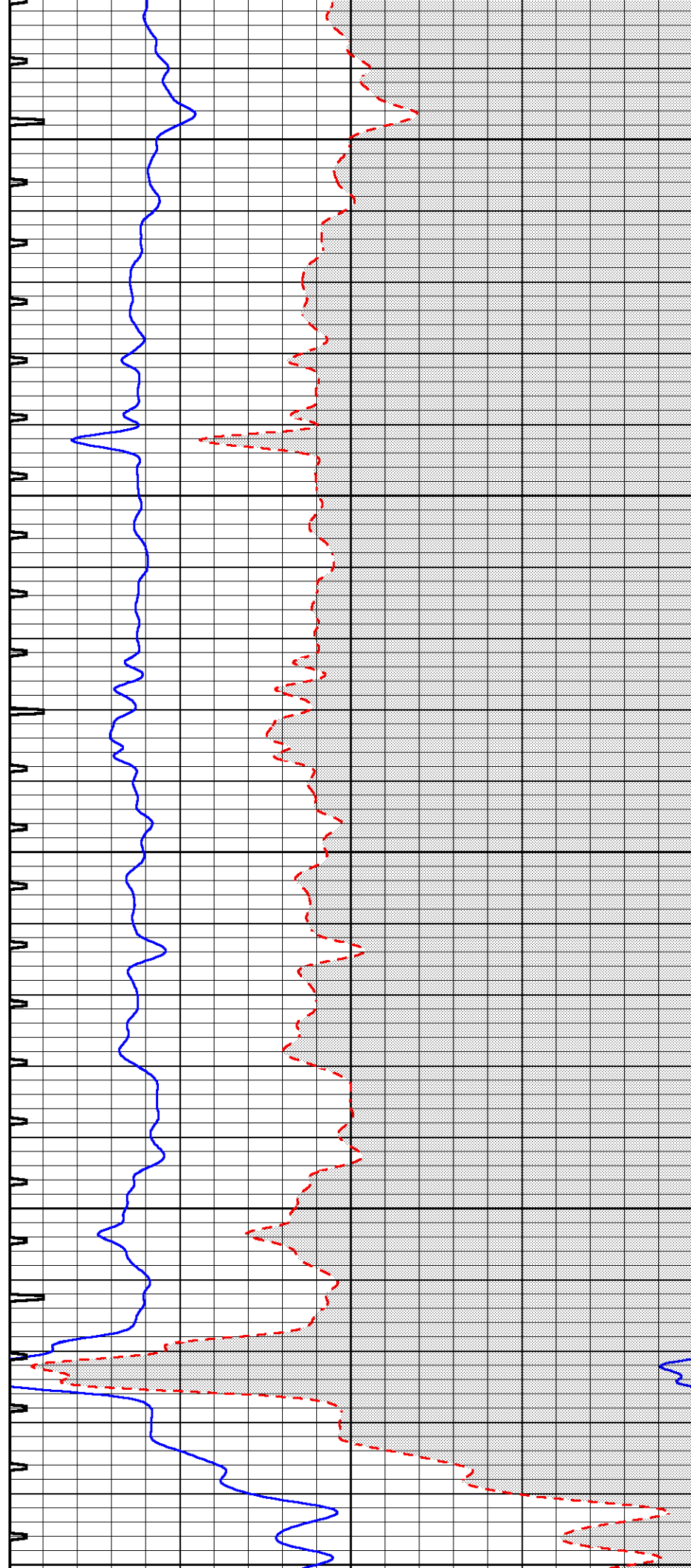
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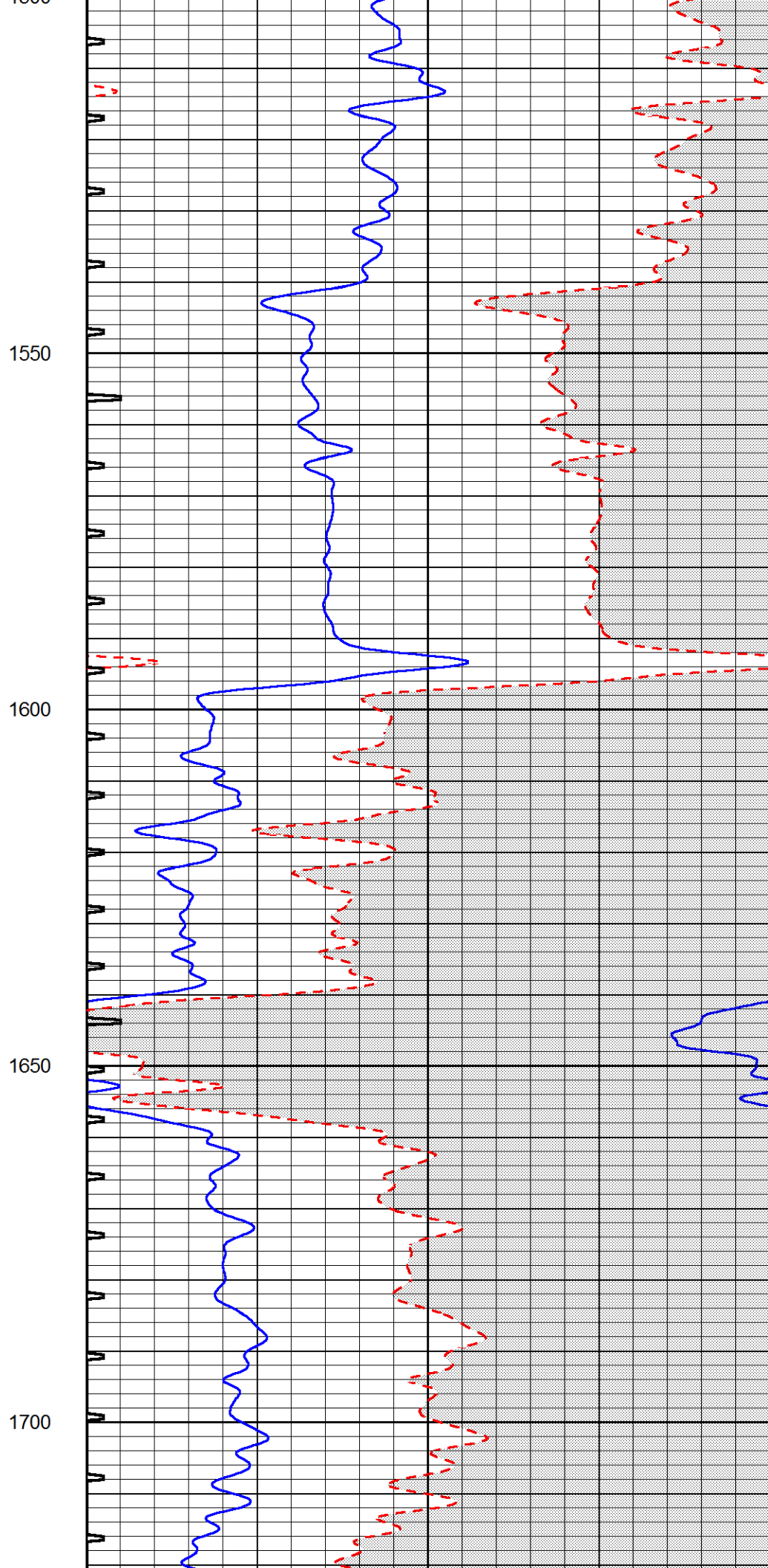
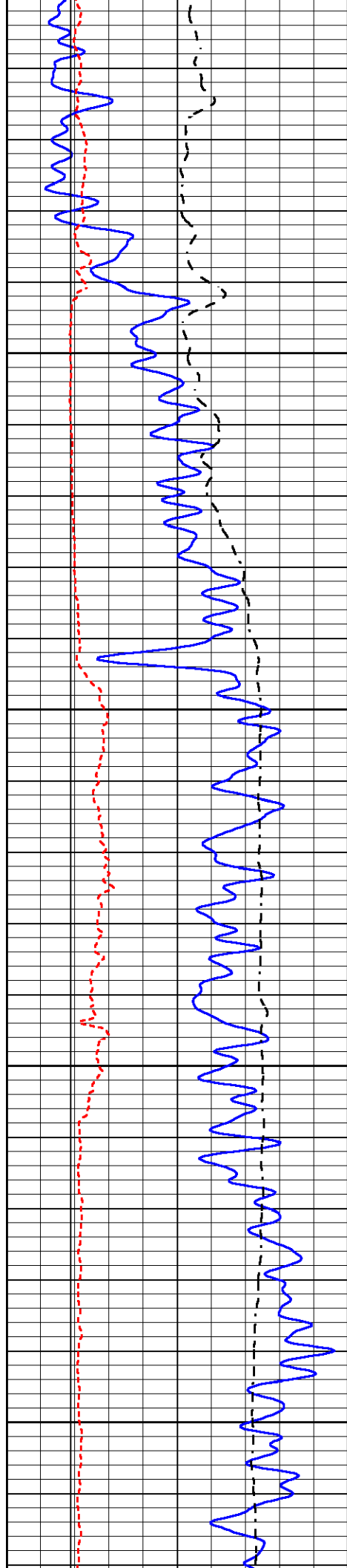
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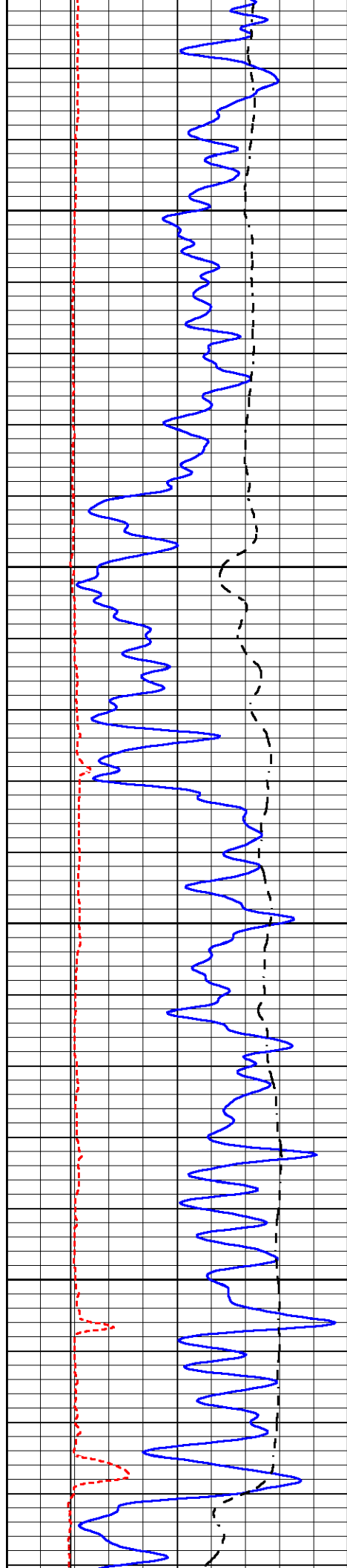
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1450

1500





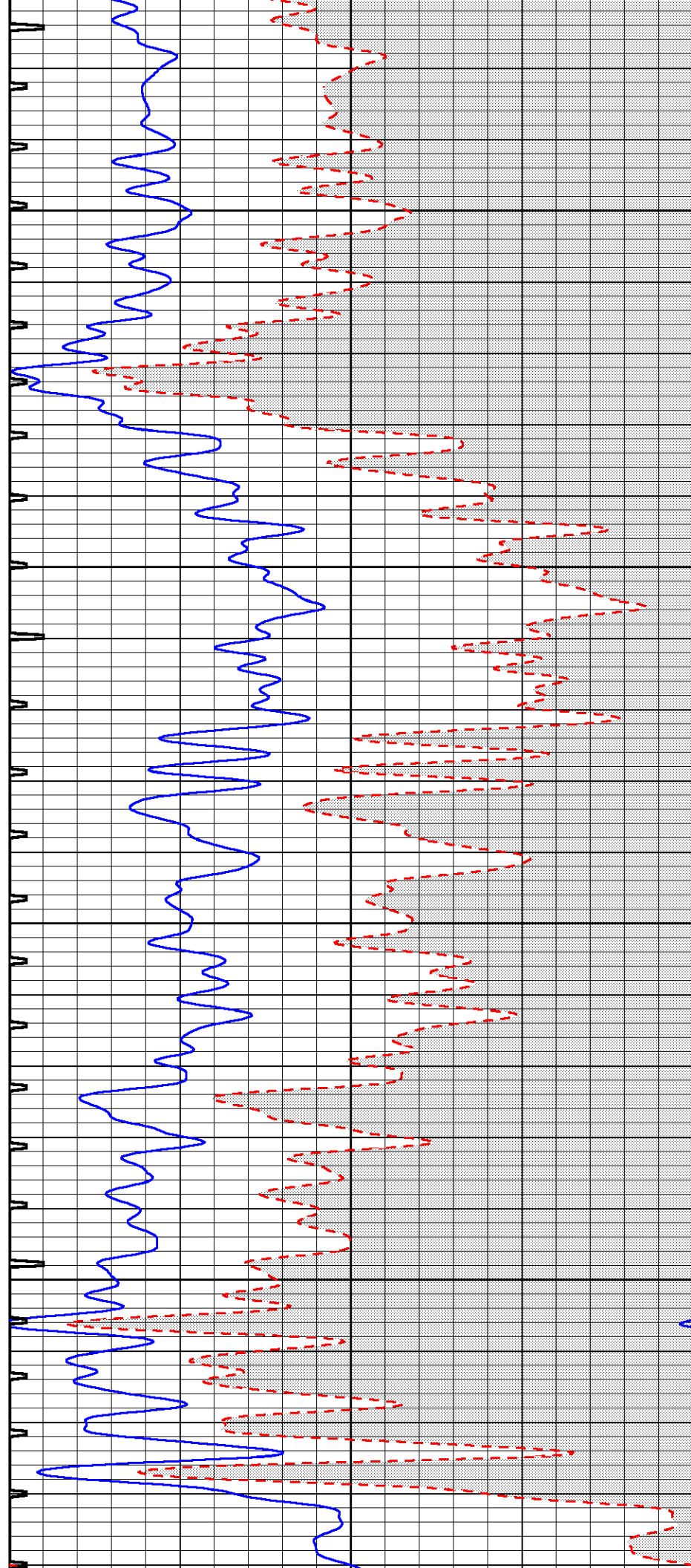


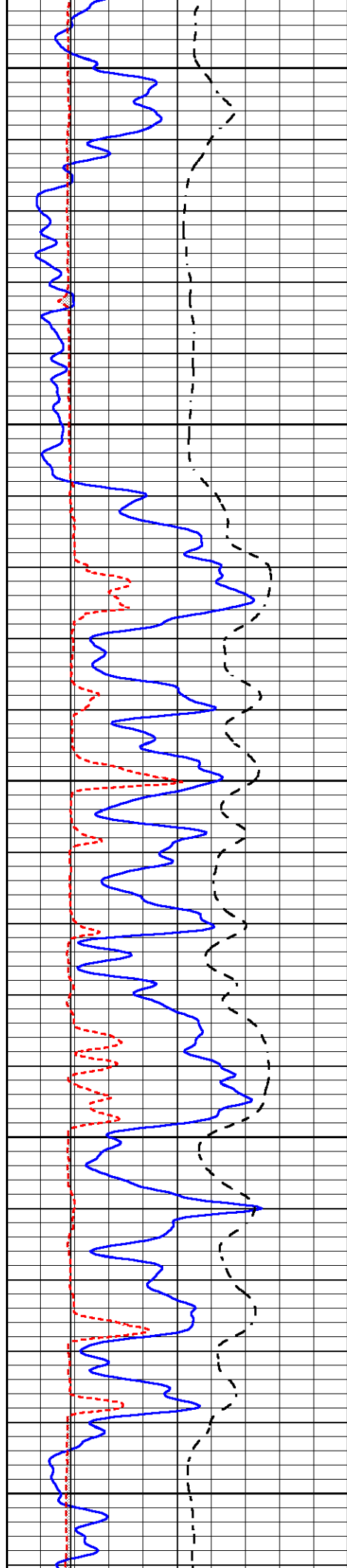
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1850

1900





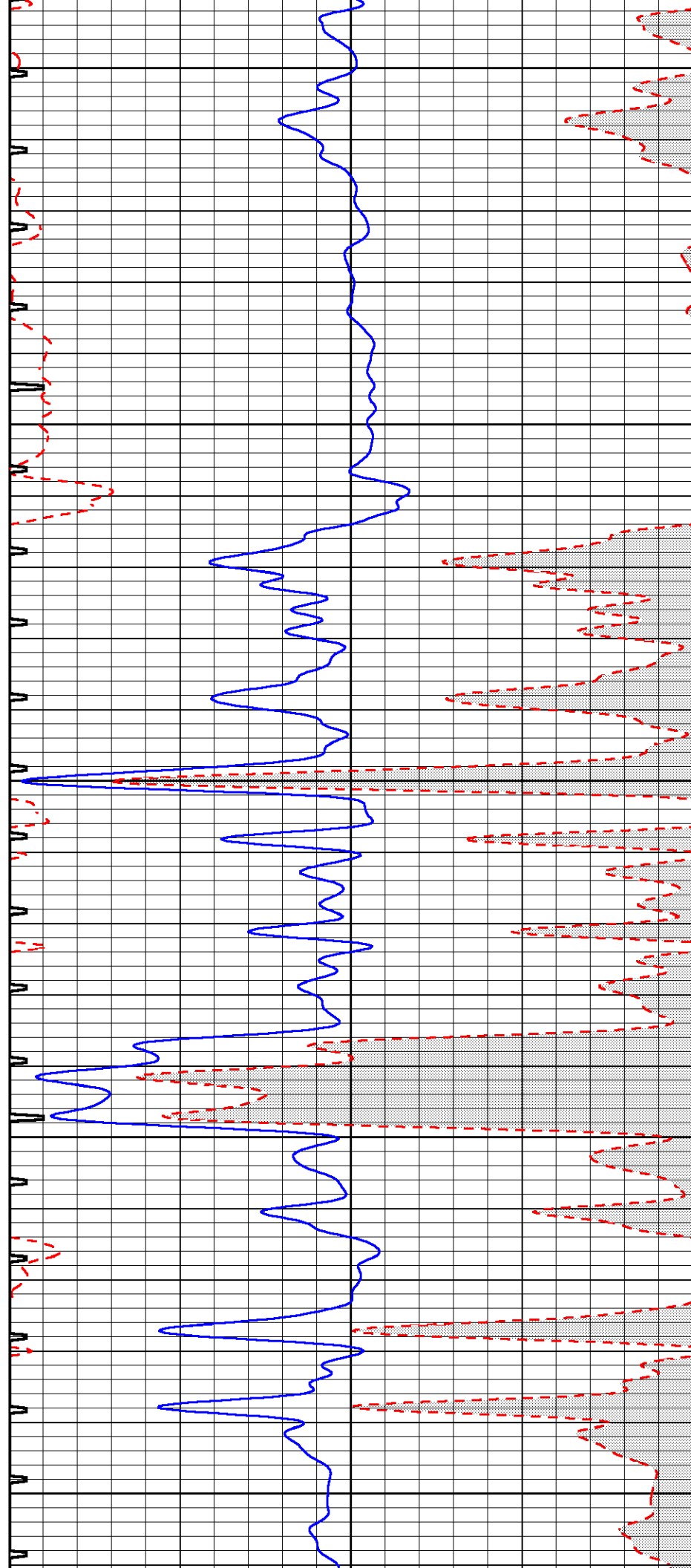
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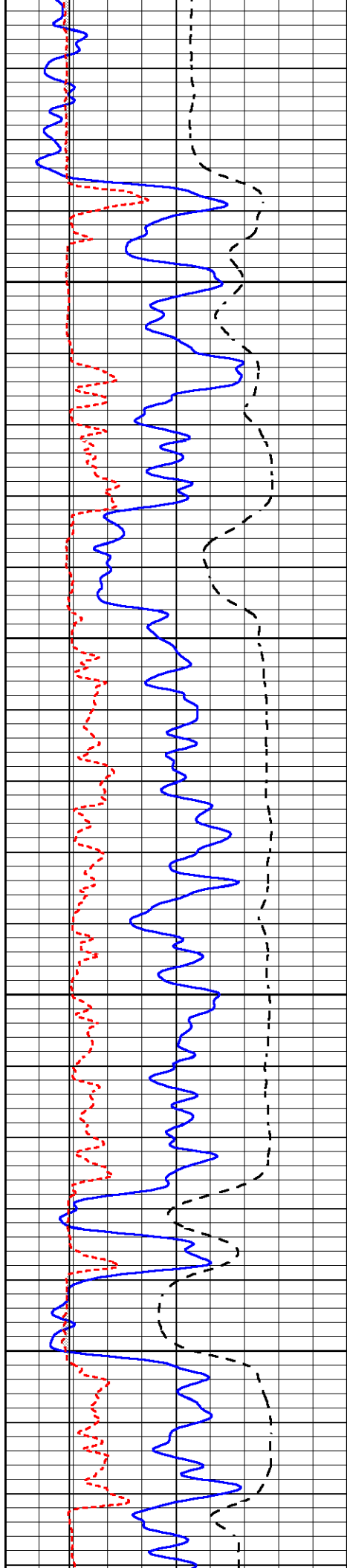
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2100

2150



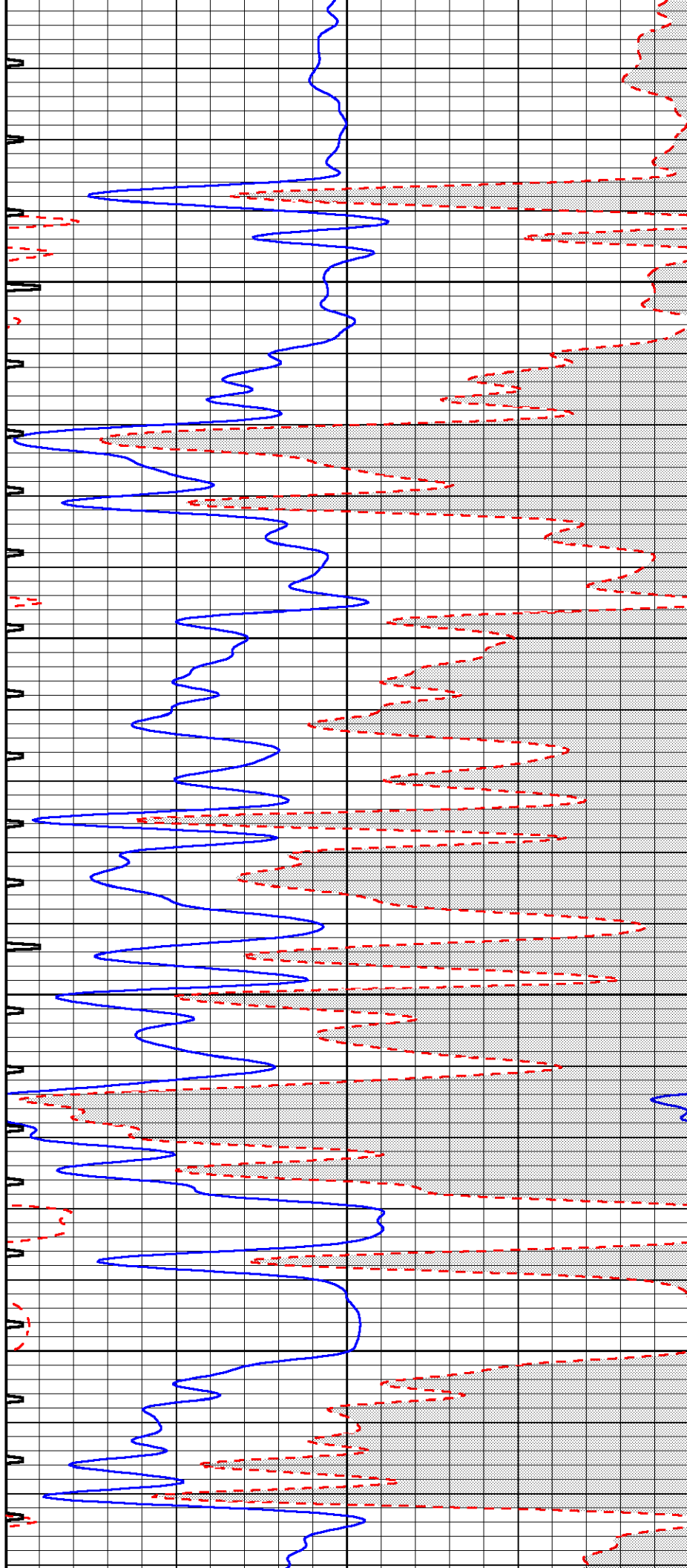


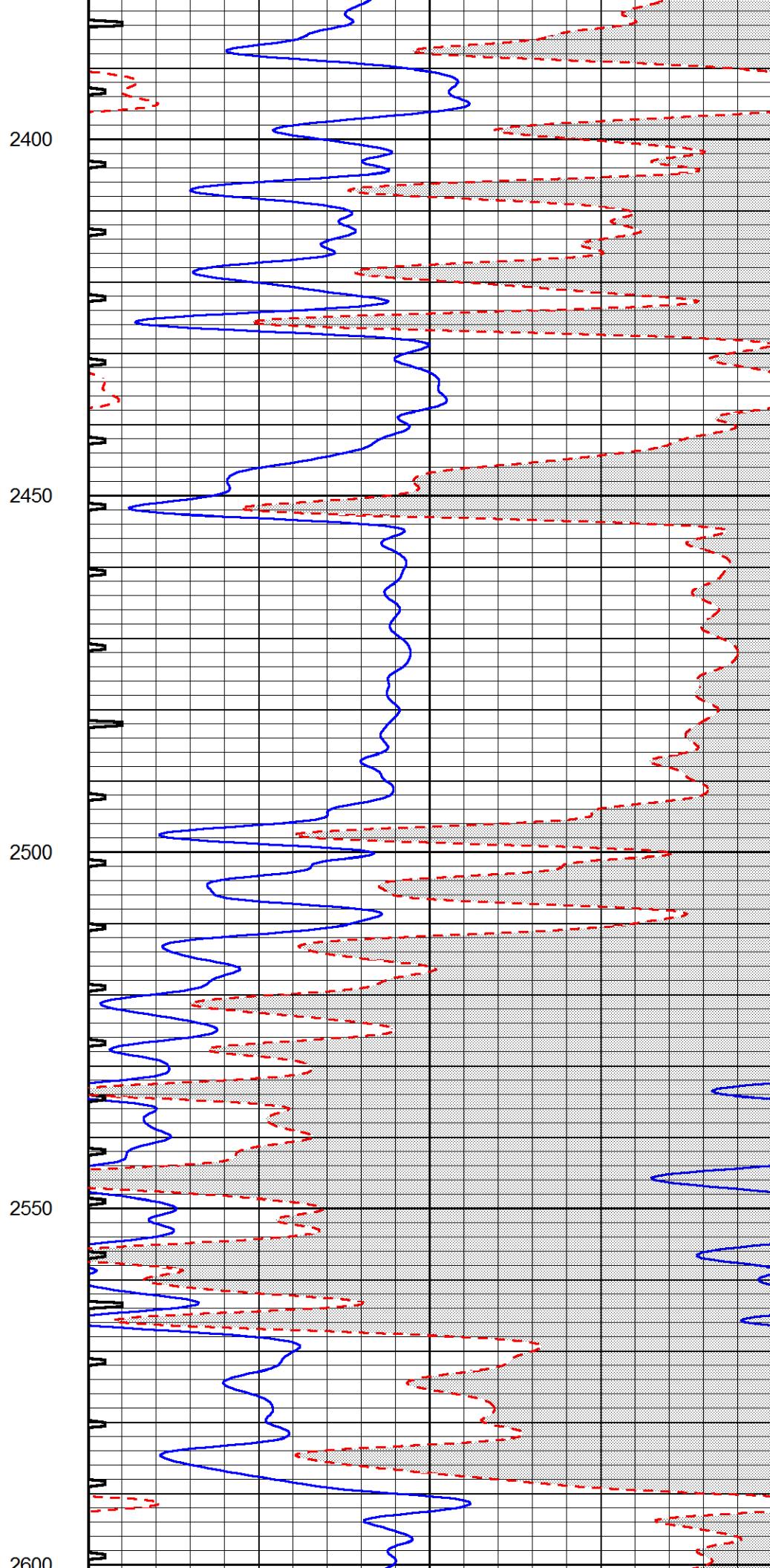
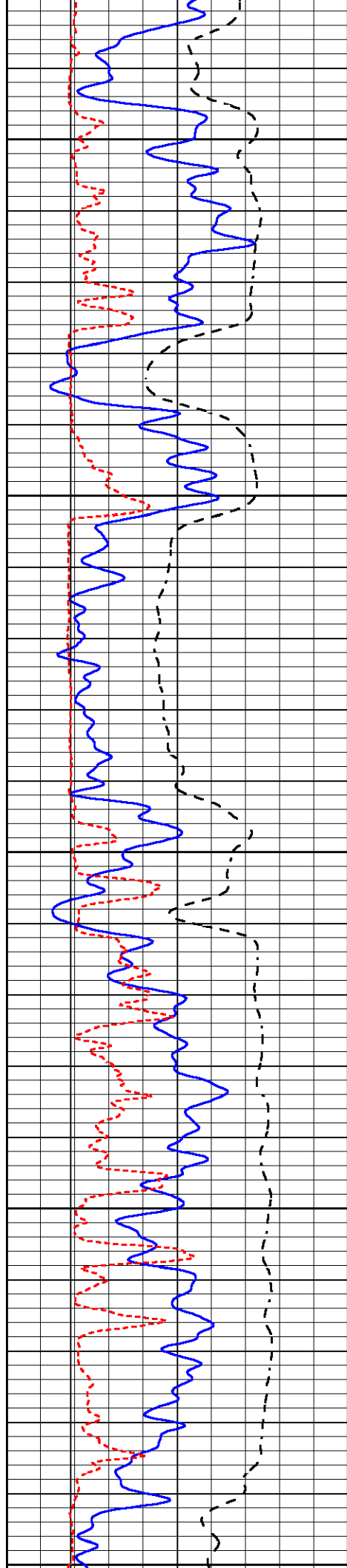
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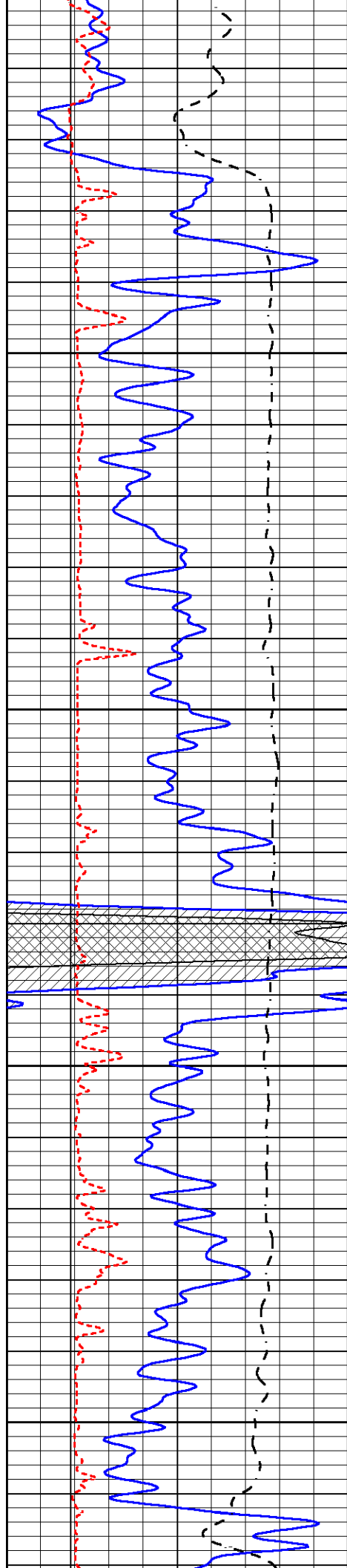
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2300

2350







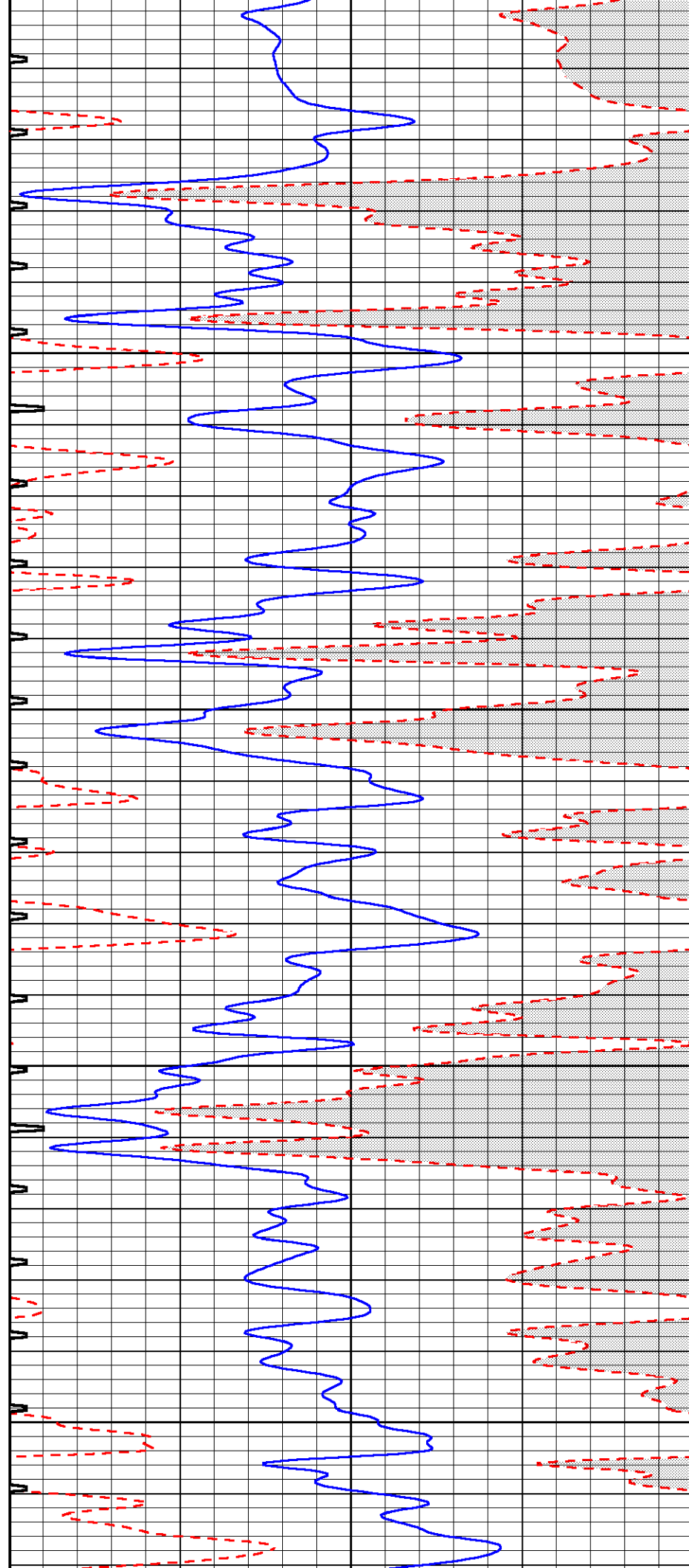
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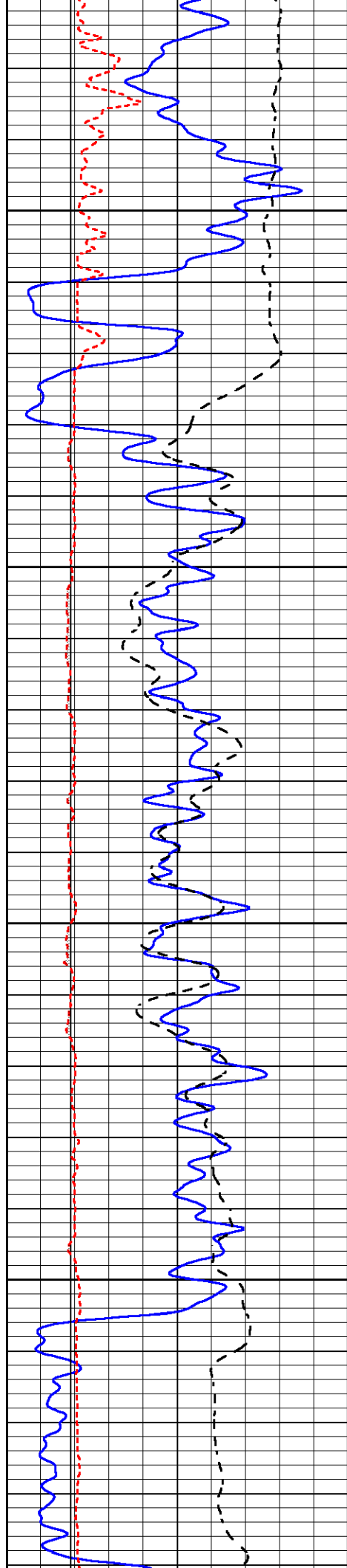
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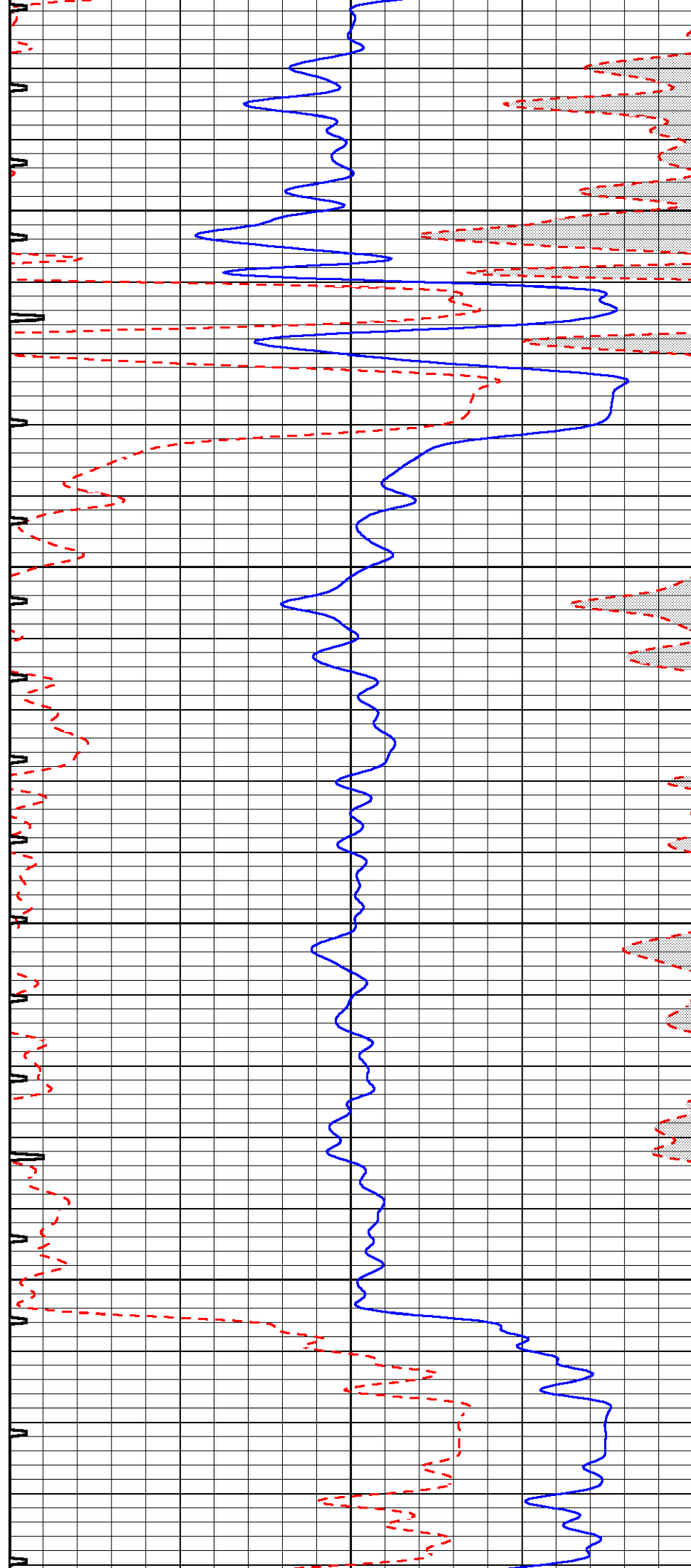


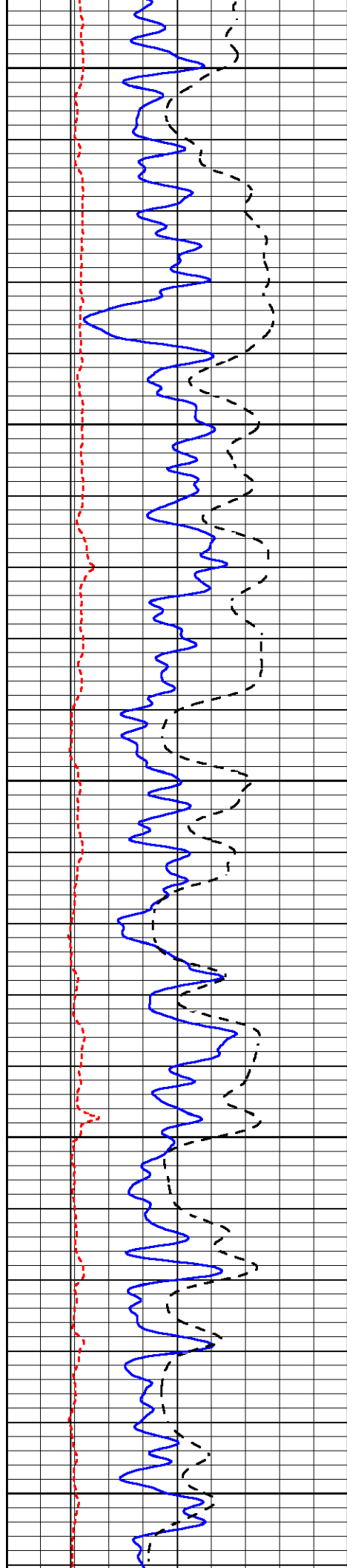
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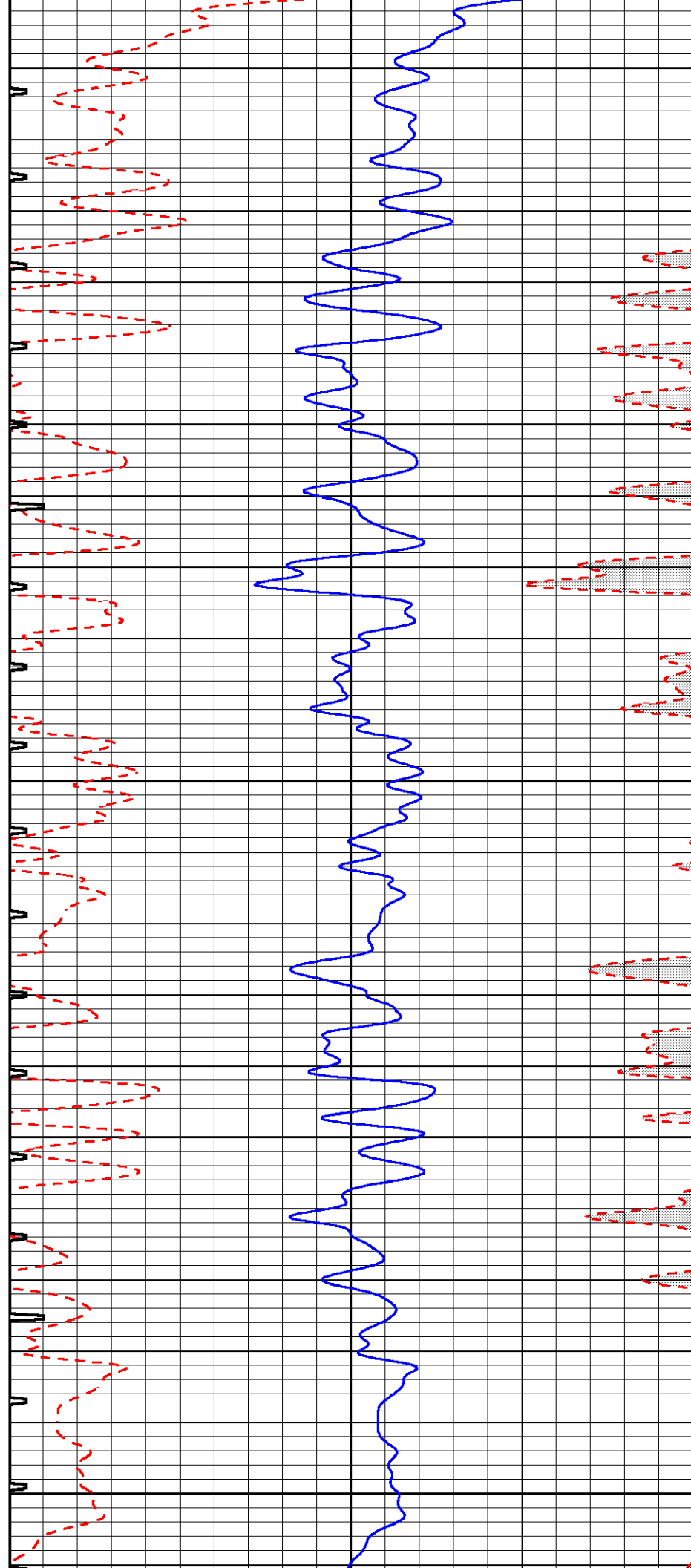
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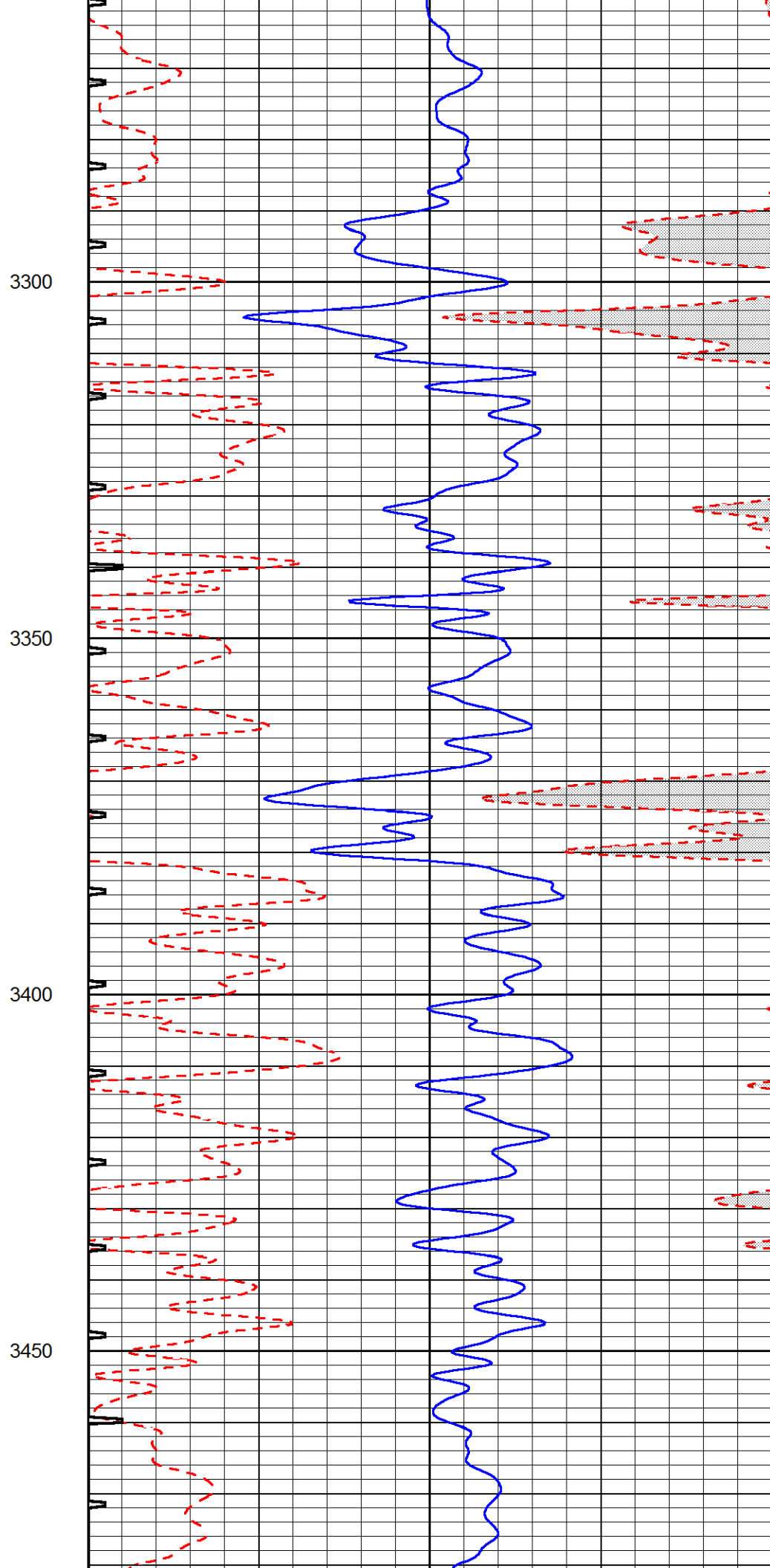
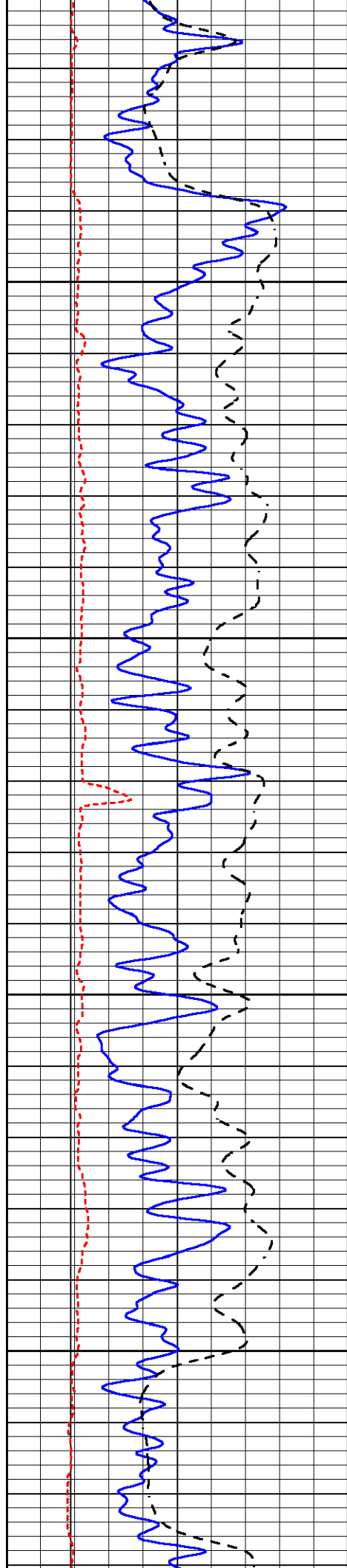
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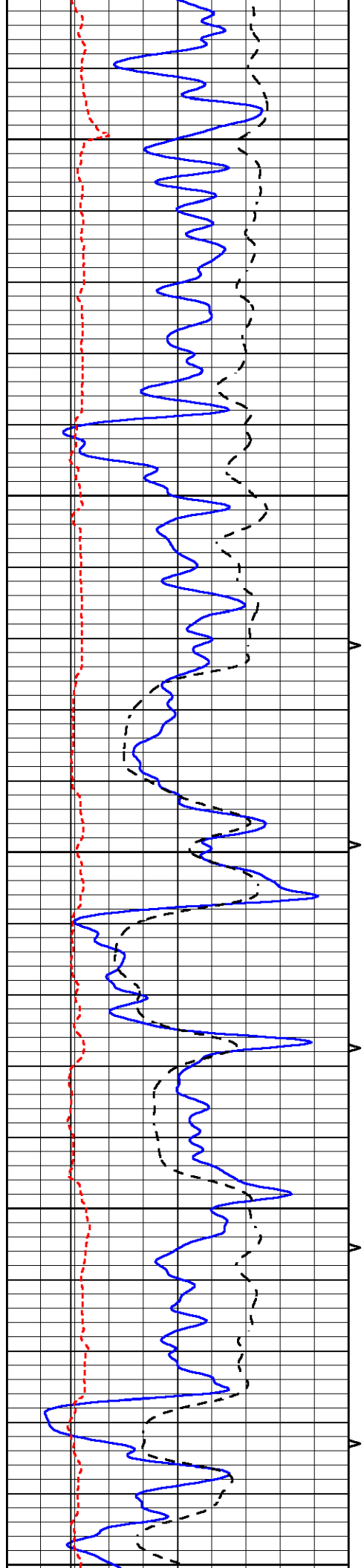
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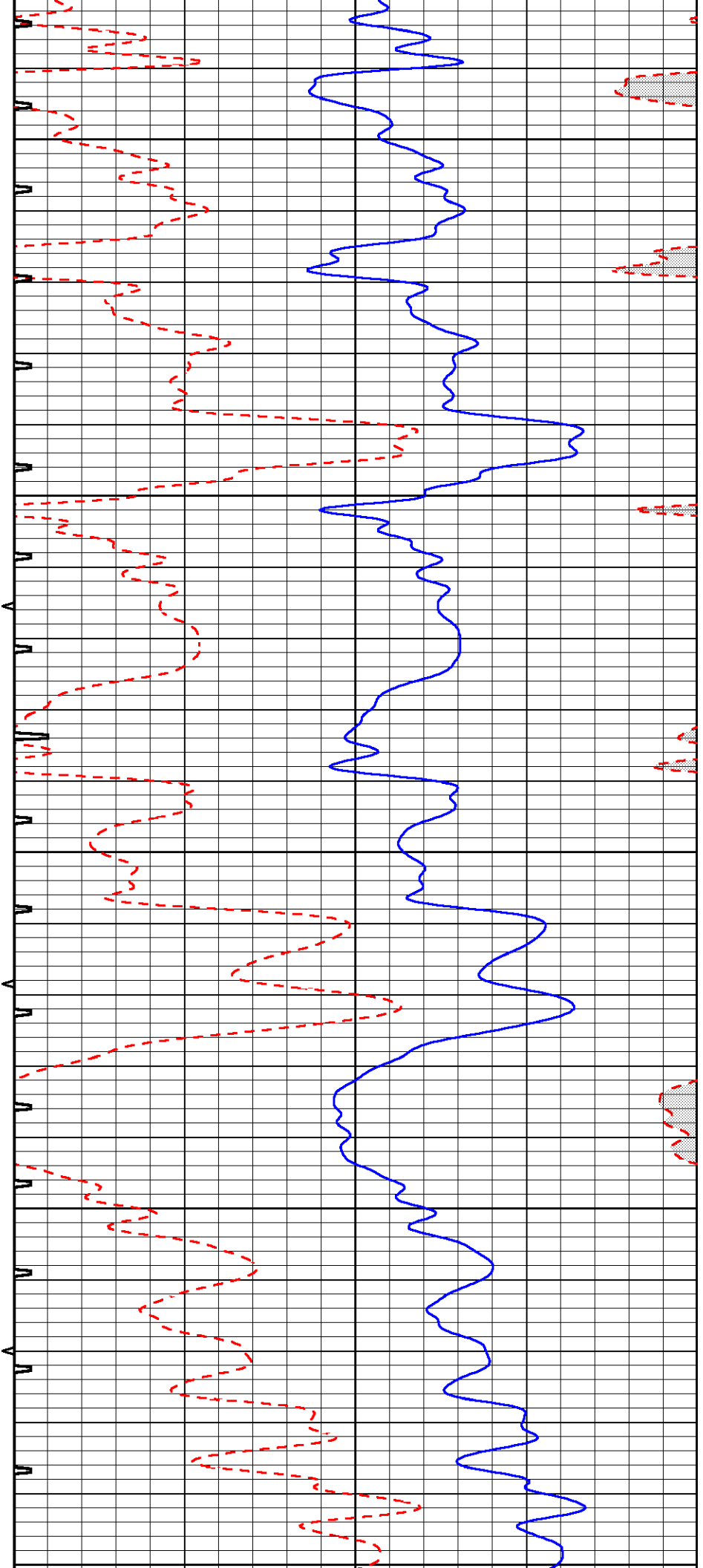
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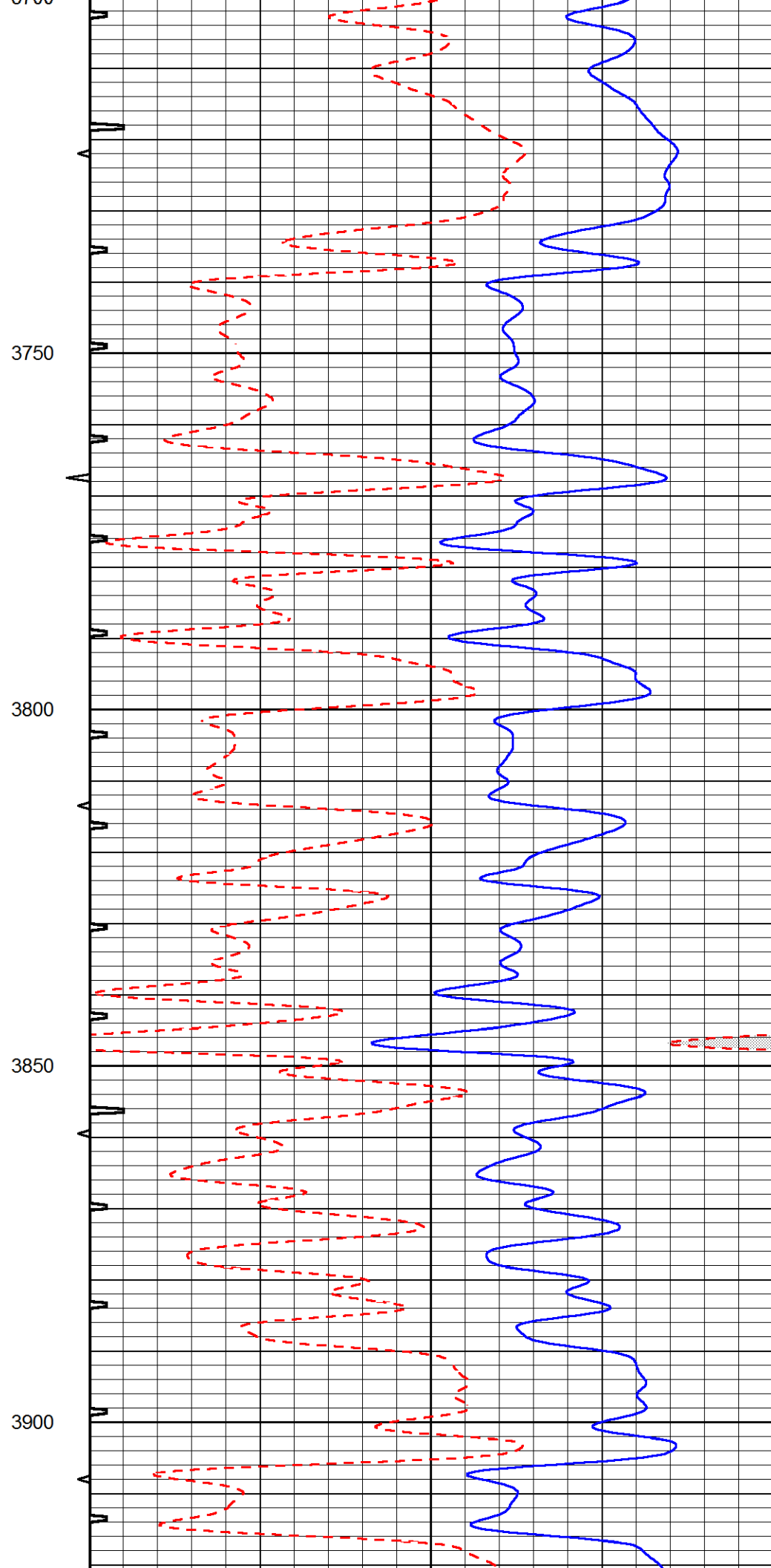
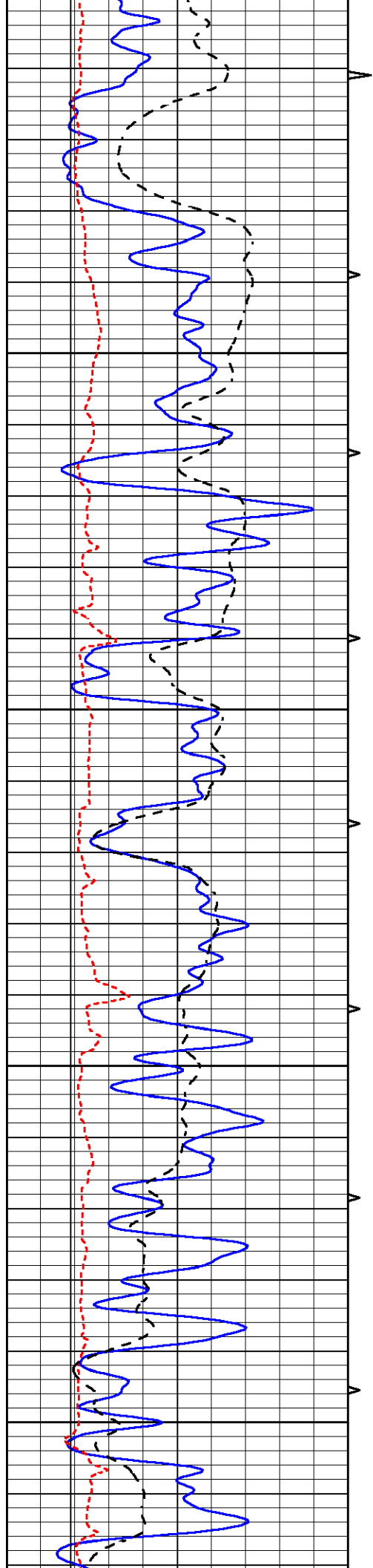
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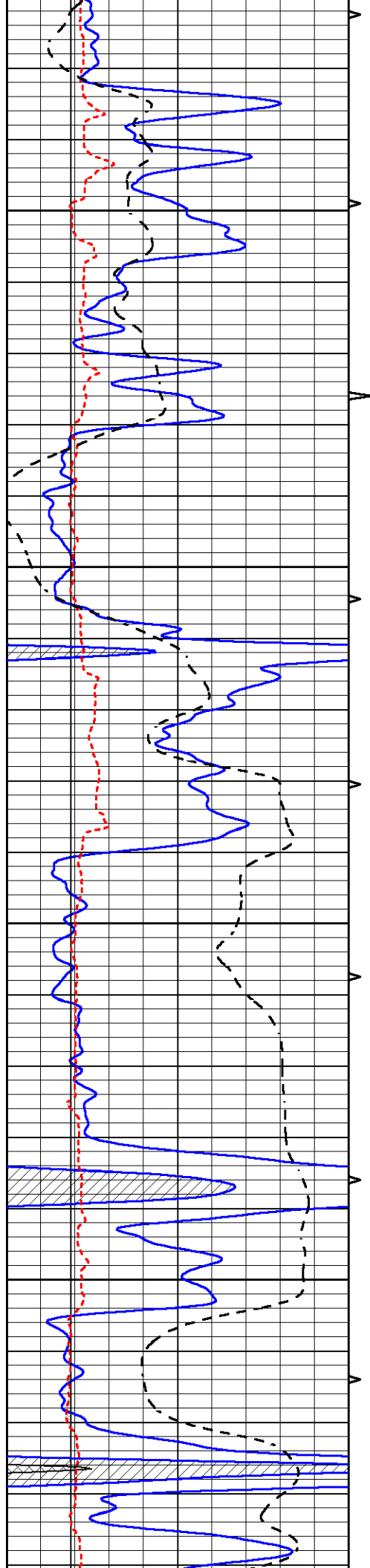
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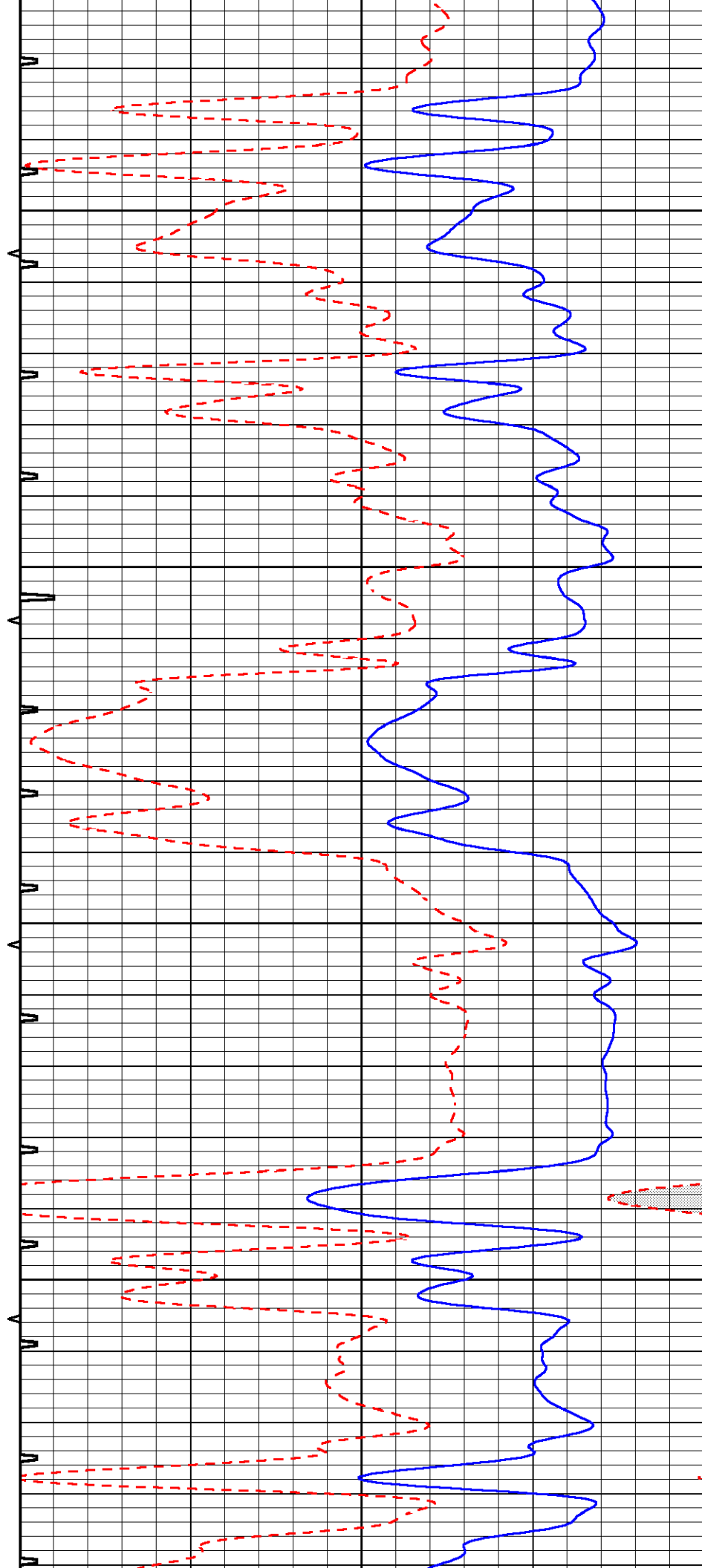


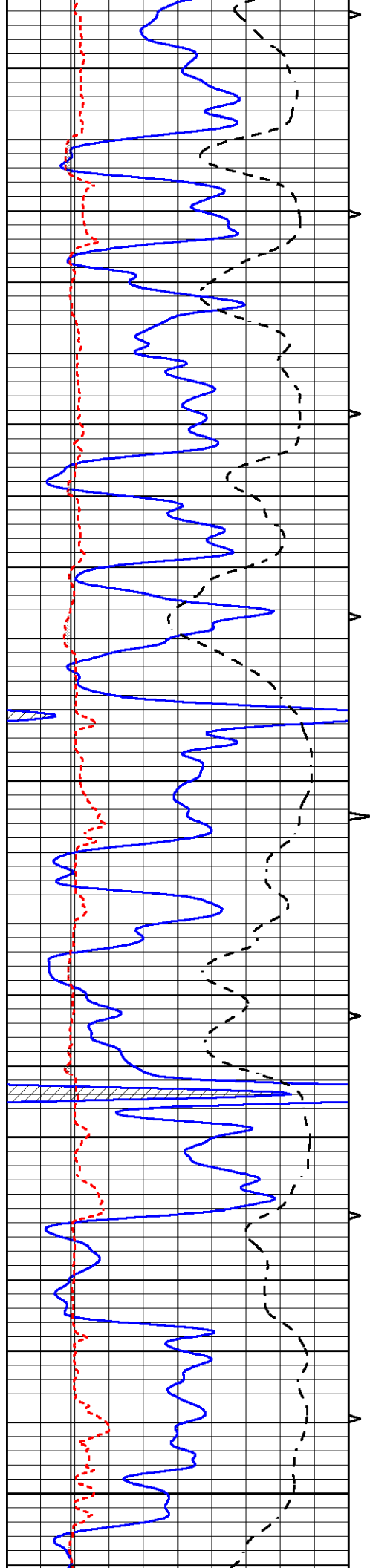
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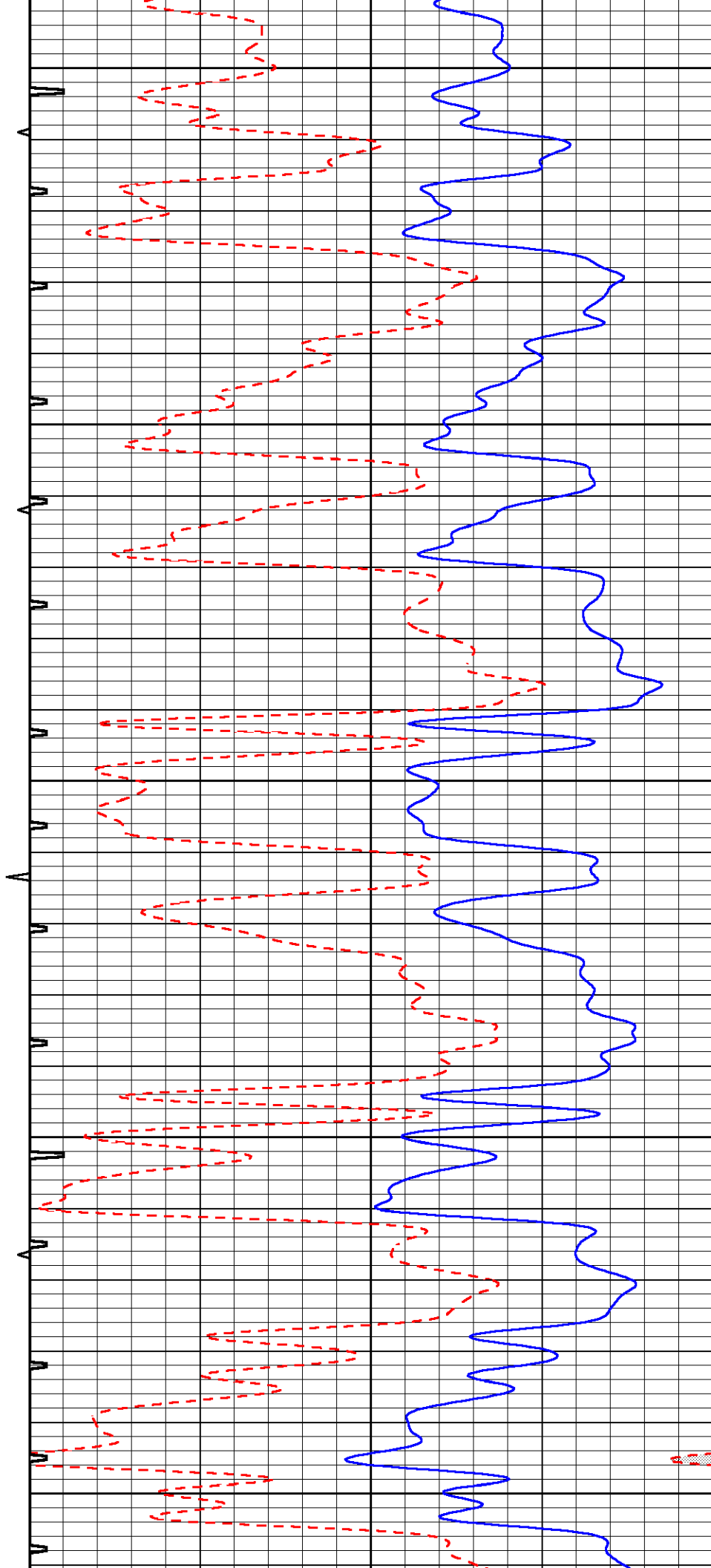
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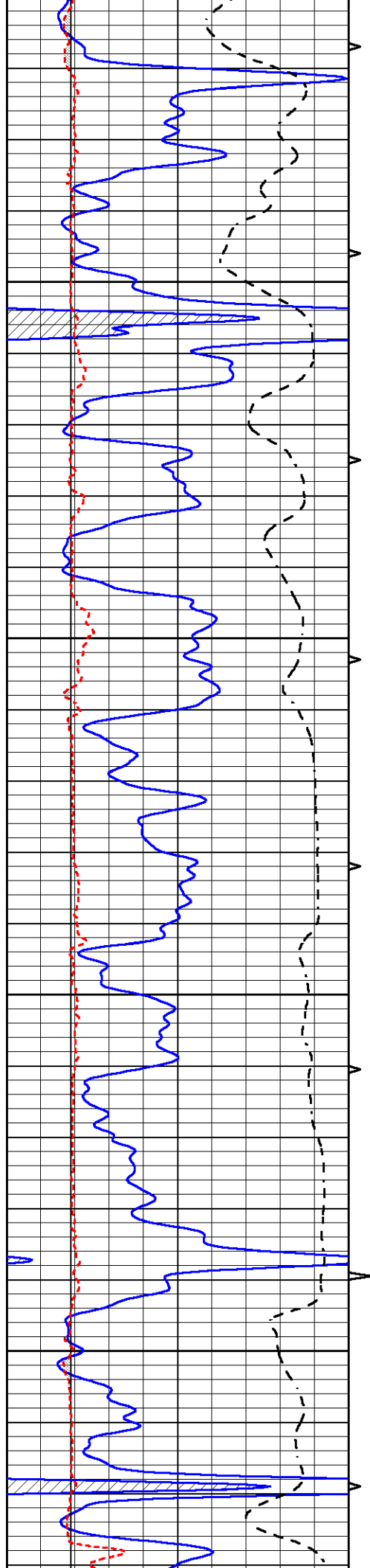
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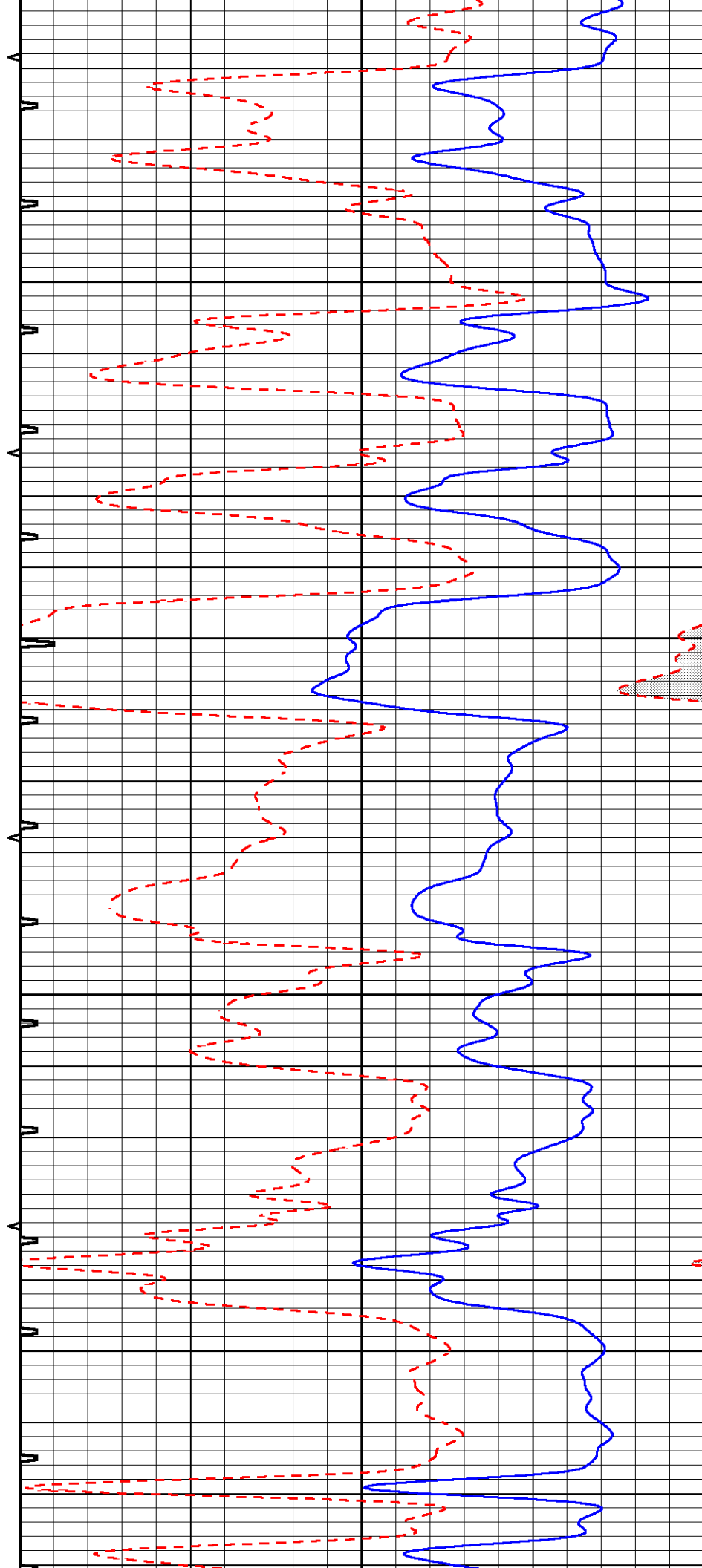


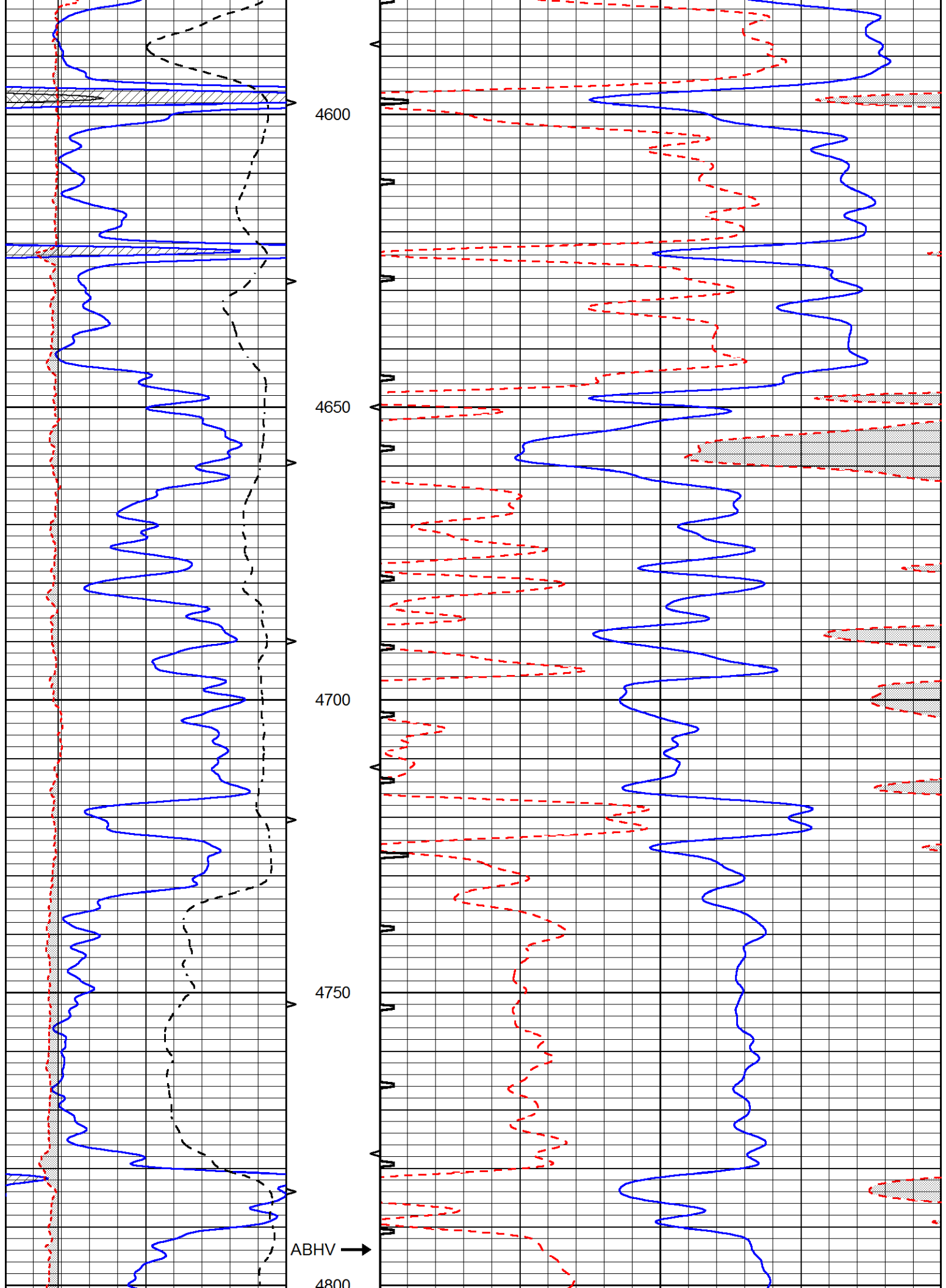
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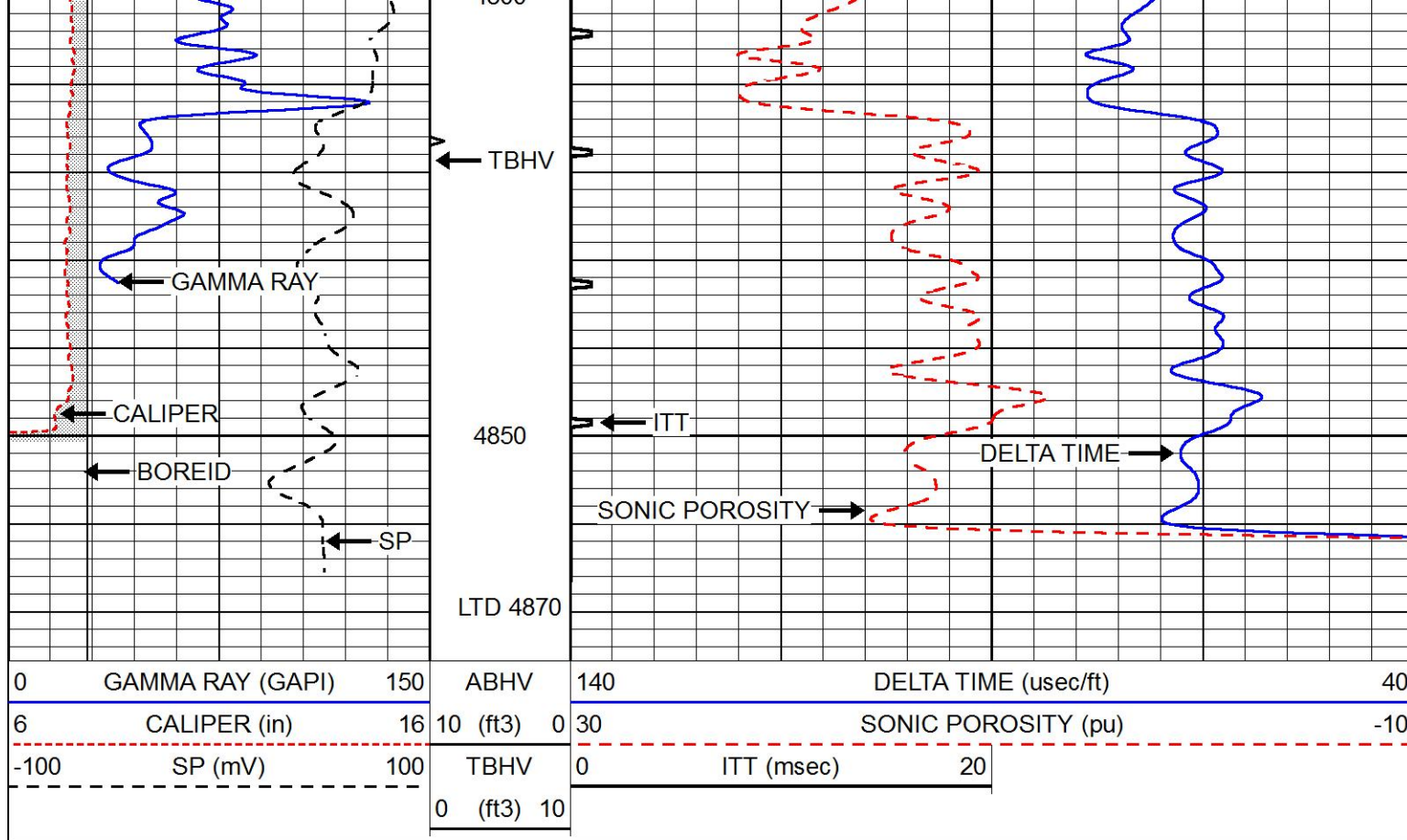
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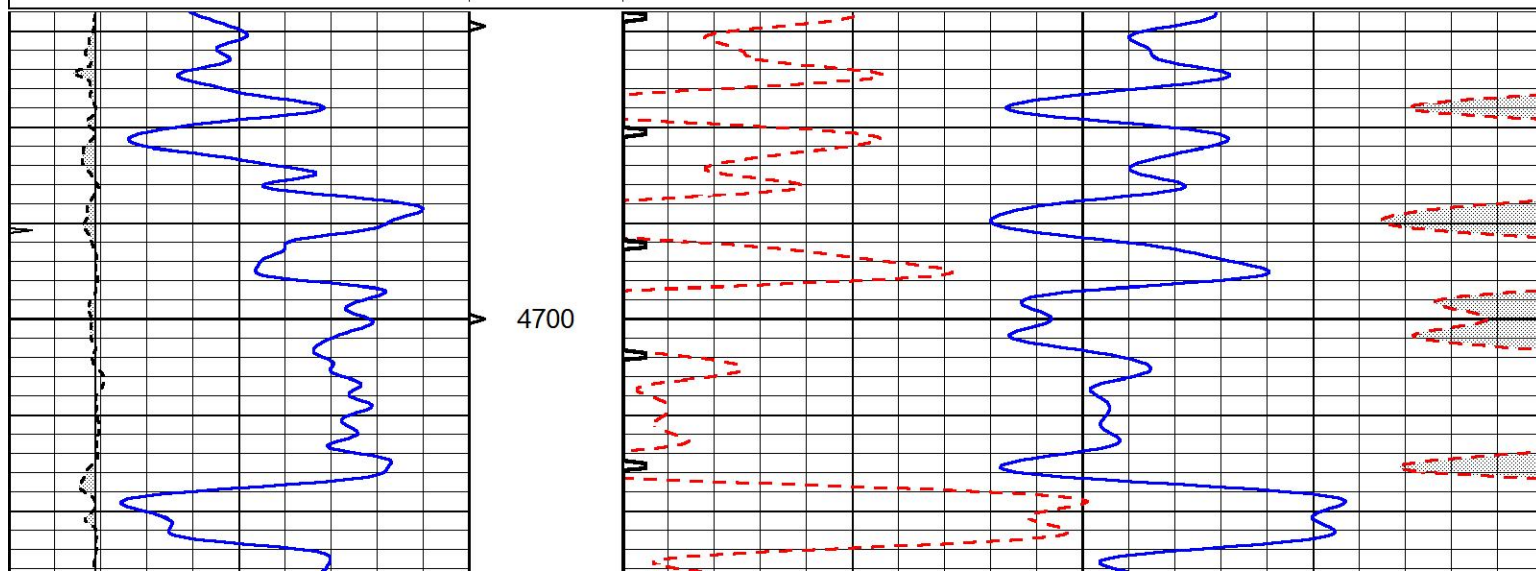
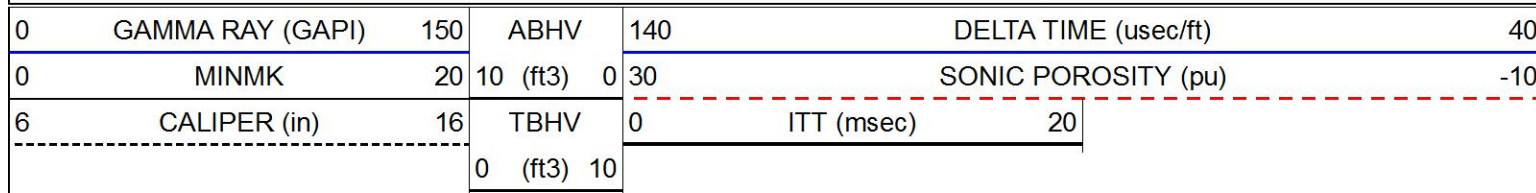


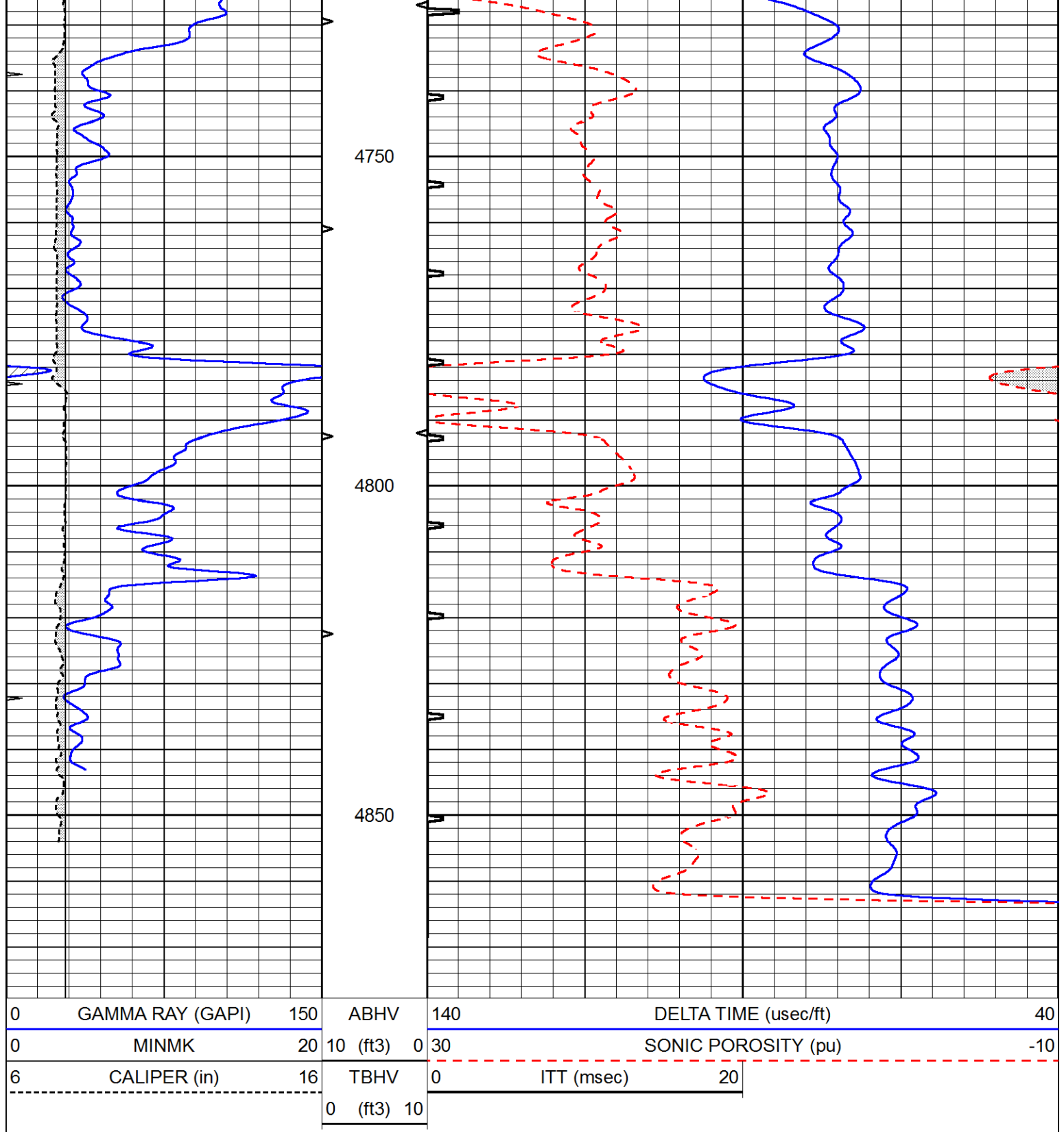




REPEAT SECTION

Database File 5435ddn.db
 Dataset Pathname pass4.1
 Presentation Format _slt
 Dataset Creation Thu May 13 06:50:34 2021
 Charted by Depth in Feet scaled 1:240





Calibration Report

Database File 5435ddn.db
 Dataset Pathname pass4.1
 Dataset Creation Thu May 13 06:50:34 2021

MICRO Calibration Report

Serial Number: Micro1
 Tool Model: Probel
 Performed: Sat Apr 10 18:53:52 2021

Caliper Calibration: Gain=2.815 Offset=4.552

References	Low Cal	High Cal
Readings	8.500	13.500
	0.887	2.663
1.5" Calibration:	Gain=36.134	Offset=-1.000
References	Low Cal	High Cal
Readings	0.000	20.000
	0.004	0.832
2" Calibration:	Gain=38.000	Offset=-0.800
References	Low Cal	High Cal
Readings	0.000	20.000
	0.022	0.793
Gamma Ray Calibration Report		
Serial Number:	GR5	
Tool Model:	OPEN	
Performed:	Thu Jul 30 23:16:16 2020	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.6000	GAPI/cps