



BOREHOLE COMPENSATED SONIC LOG

Company Taos Resources Operating Company LLC

Well LFJ #5

Field Maddix North

County Cowley

State Kansas

Location:

API # : 15 035 24671

SEC 34 TWP 32S RGE 5E

1990' FSL & 665' FWL

Permanent Datum Ground Level Elevation 1269'
Log Measured From KB 11' AGL
Drilling Measured From KB

Other Services
DIL
ML
CDNL

Elevation

K.B. 1280'
D.F. 1279'
G.L. 1269'

Date 6-10-17

Run Number Two

Depth Driller 3577'

Depth Logger 3569'

Bottom Logged Interval 3554'

Top Log Interval 350'

Casing Driller 8 5/8" @ 233'

Casing Logger 233'

Bit Size 7 7/8"

Type Fluid in Hole Chemical

Density / Viscosity 9.5/4.4

pH / Fluid Loss 9/9.2

Source of Sample Pit

Rm @ Meas. Temp 1.5@90degf

Rmf @ Meas. Temp 1.2@90degf

Rmc @ Meas. Temp 1.92@90degf

Source of Rmf / Rmc Calculated

Rm @ BHT 1.22@111degf

Time Circulation Stopped 12:30 p.m.

Time Logger on Bottom 5:00 p.m.

Maximum Recorded Temperature 111degf

Equipment Number T127

Location Hays, KS

Recorded By C. Patterson

Witnessed By Mr. Mike Pressnall

Mr. Ray Dorthy

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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

East of Winfield to 151st rd., 2 south, 1/2 east, north into

Thank you for using Gemini Wireline
785-625-1182

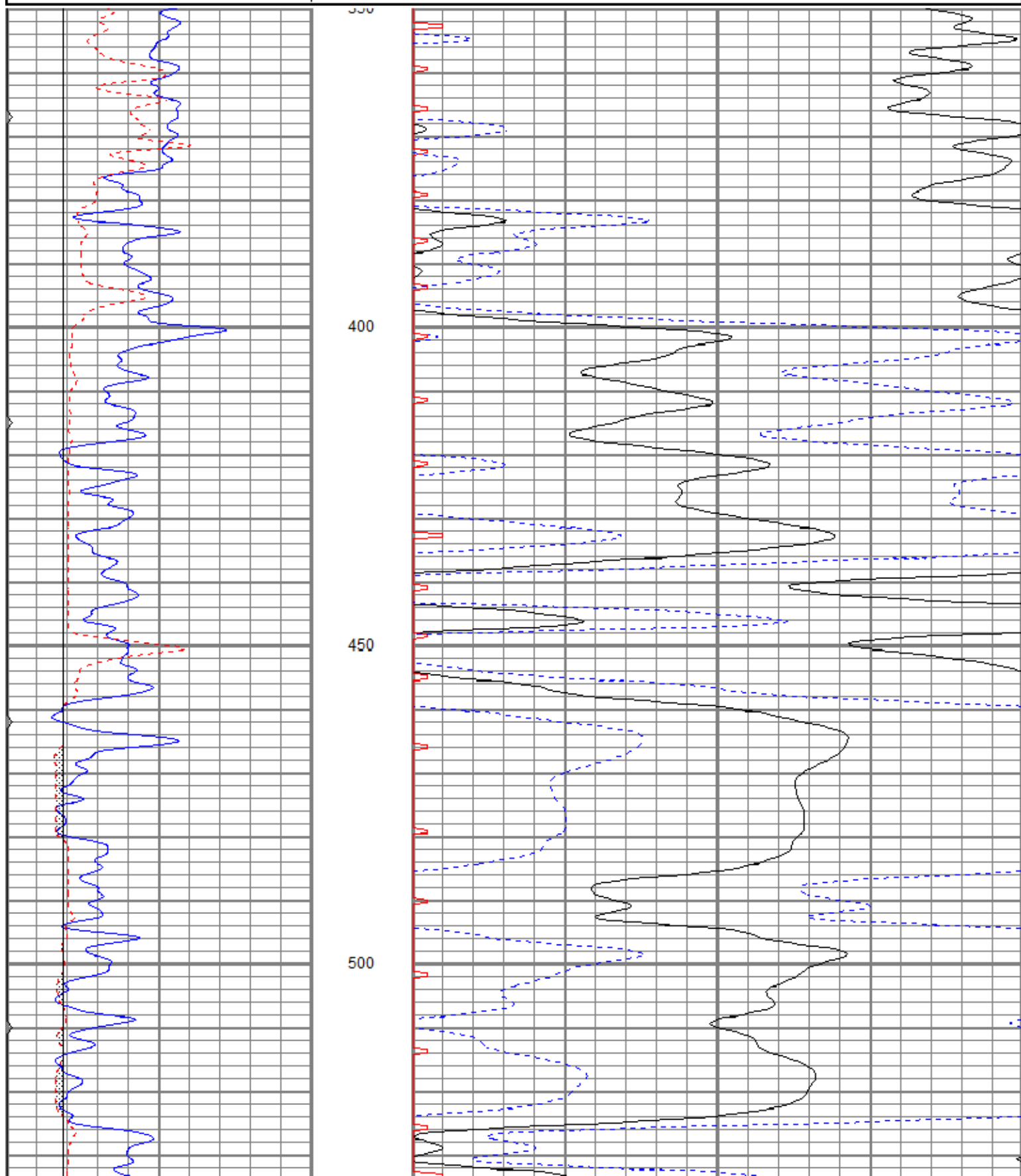


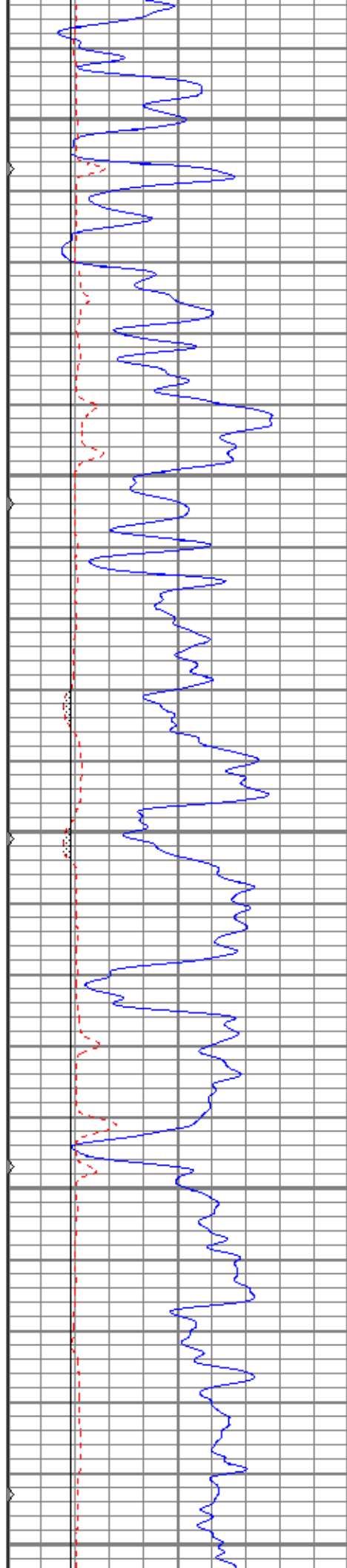
MAIN PASS

Database File taoslfj#5on.db
Dataset Pathname pass4
Presentation Format kbcs
Dataset Creation Sat Jun 10 17:17:26 2017
Charted by Depth in Feet scaled 1:240

0	GR (GAPI)	150
6	MCAL (in)	16
6	BOREID (in)	16
0	MINMK	50

140	DT (usec/ft)	40
30	SPOR (pu)	-10
0	ITT (msec)	20





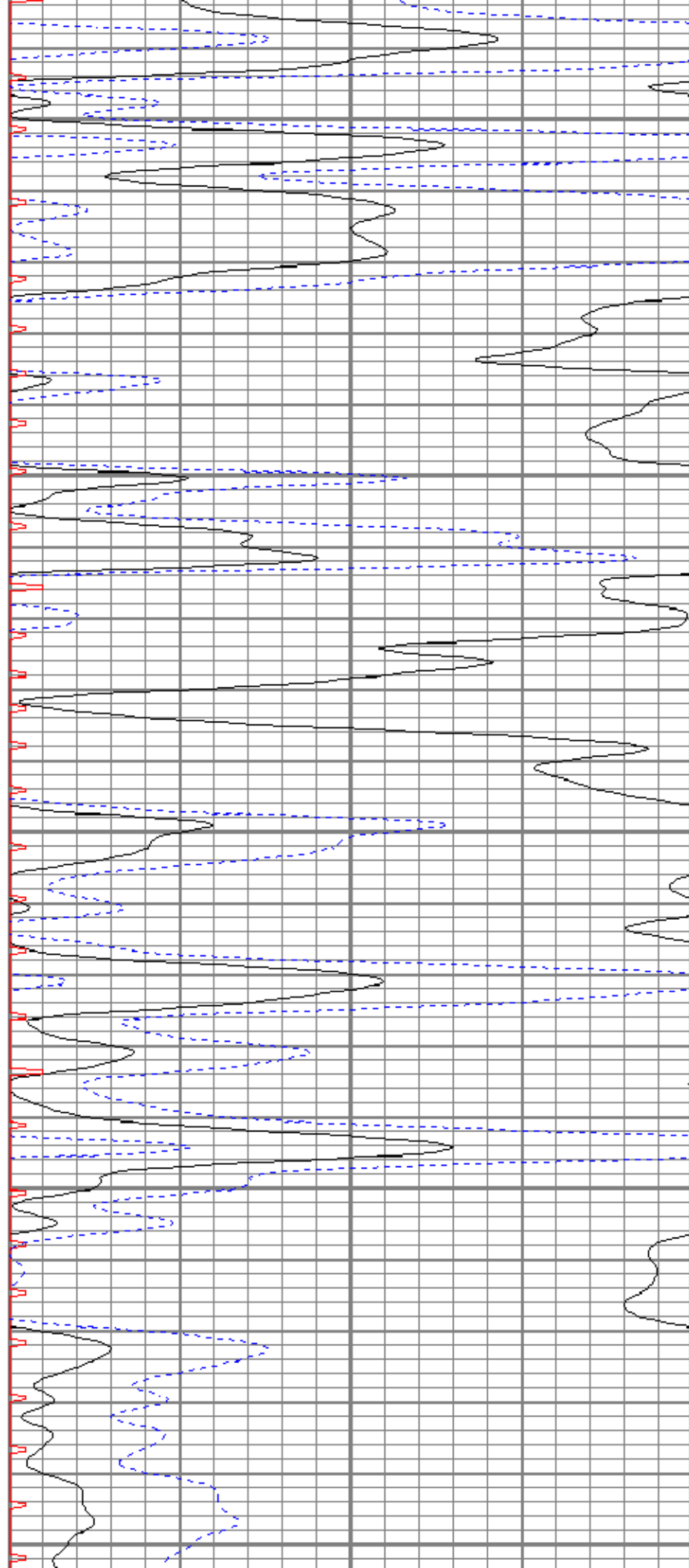
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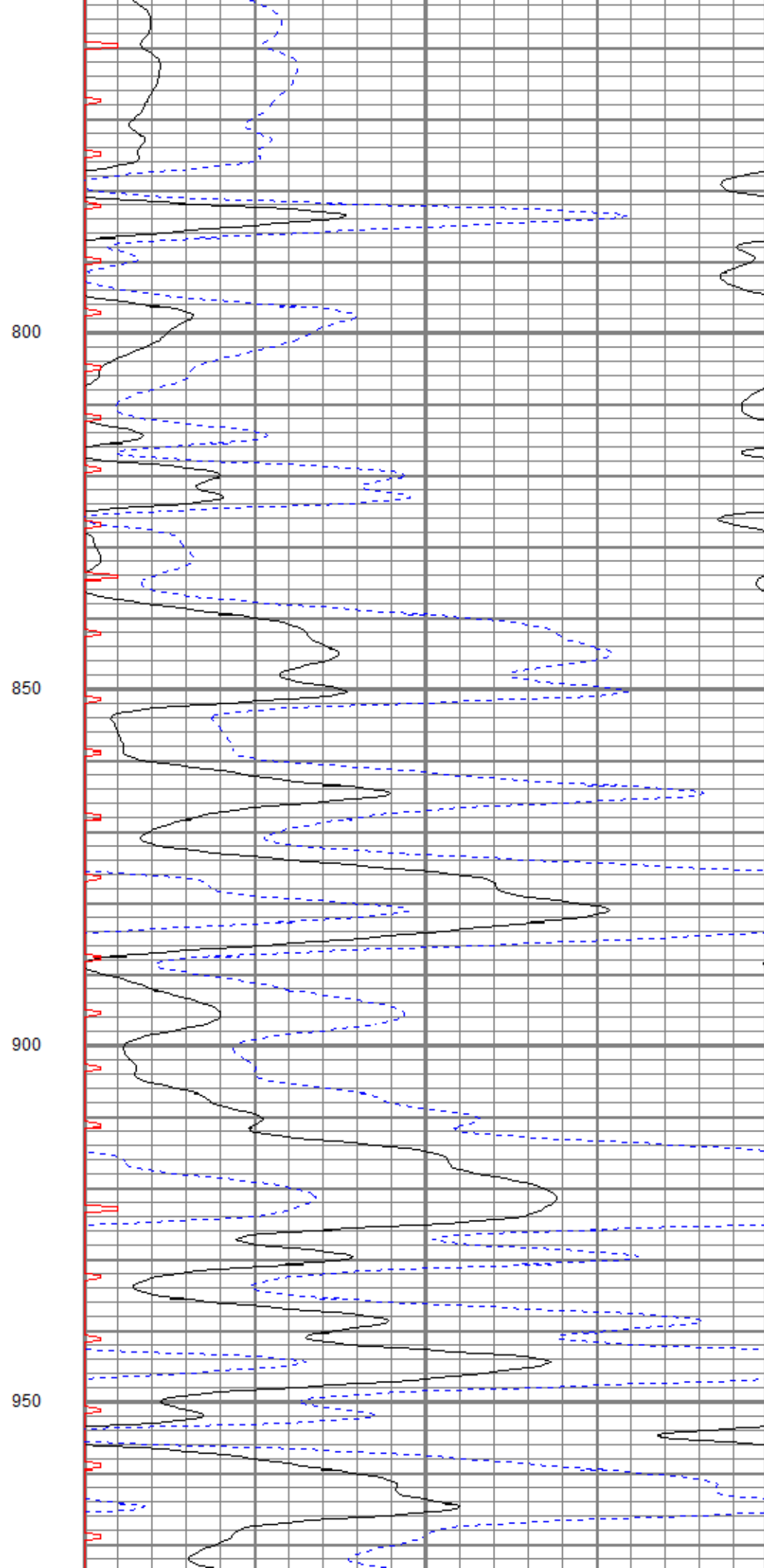
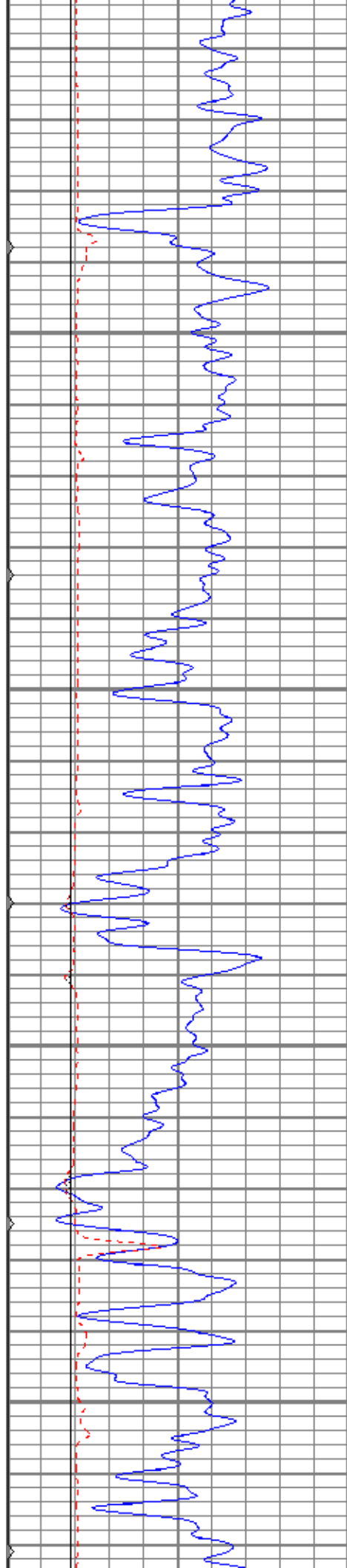
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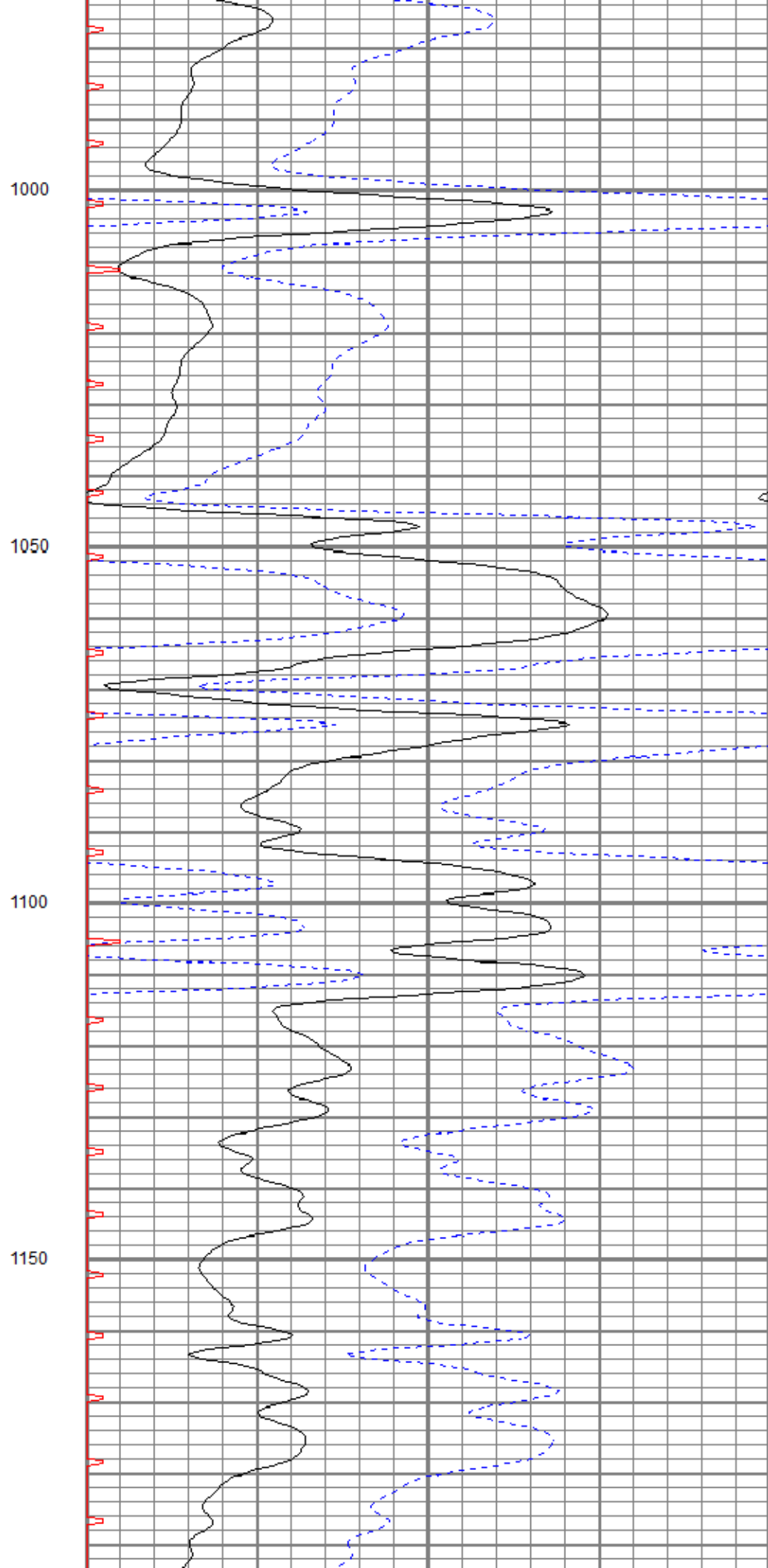
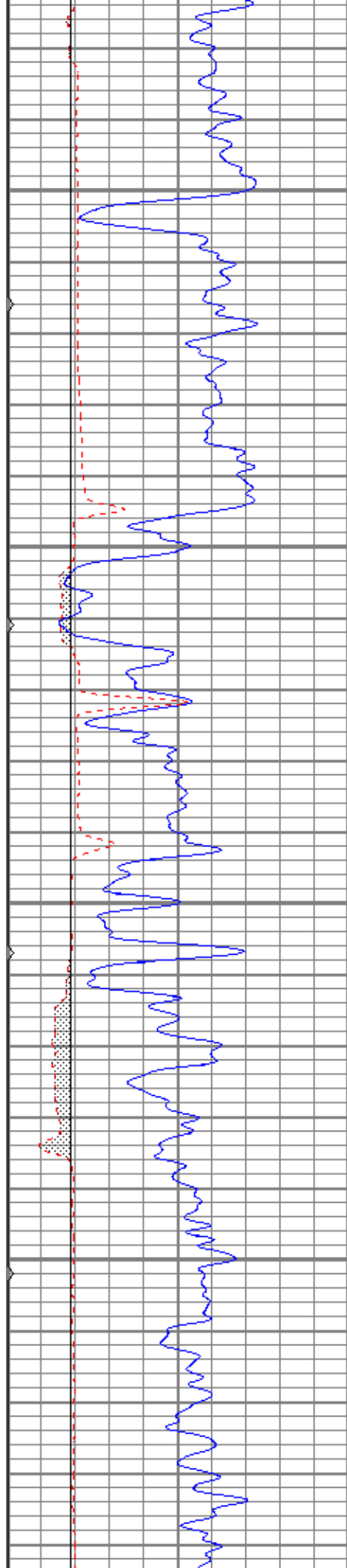
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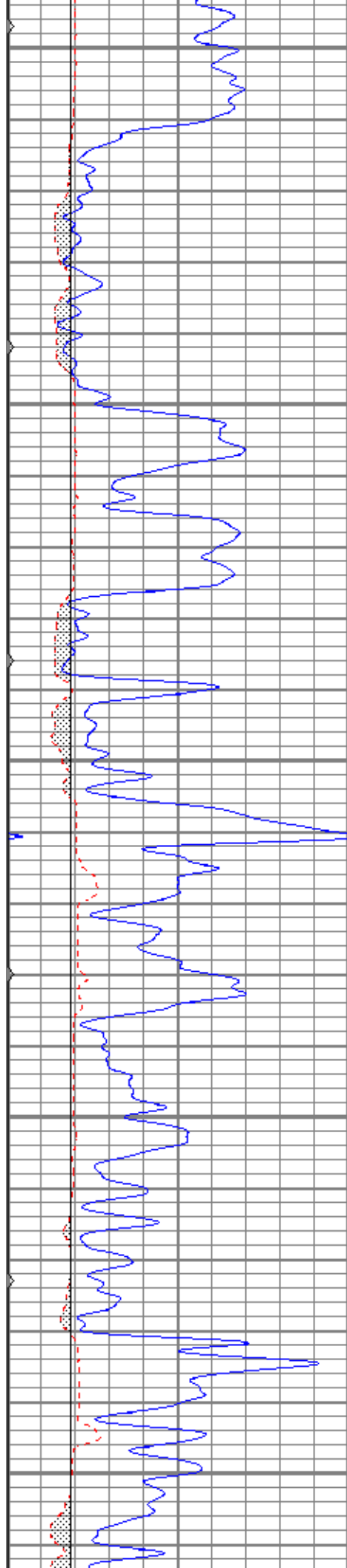
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750









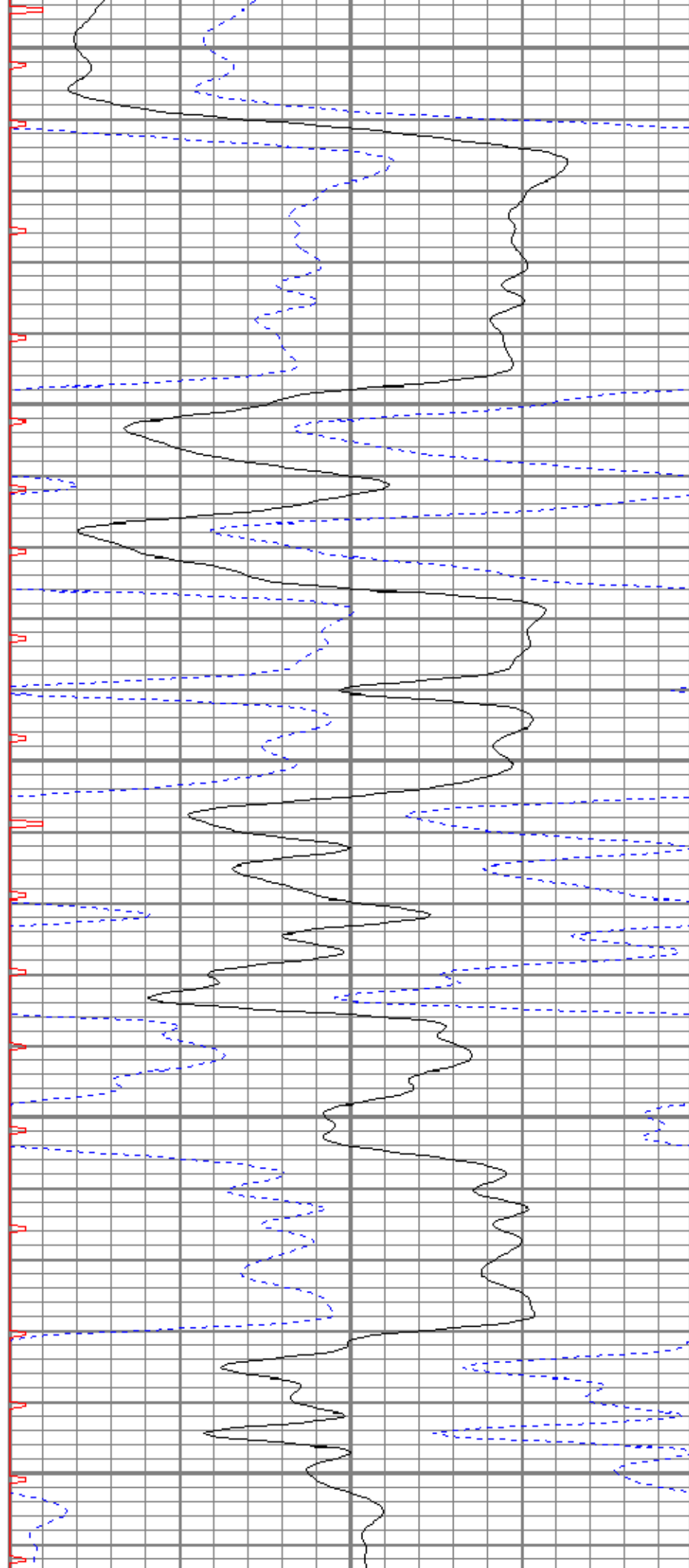
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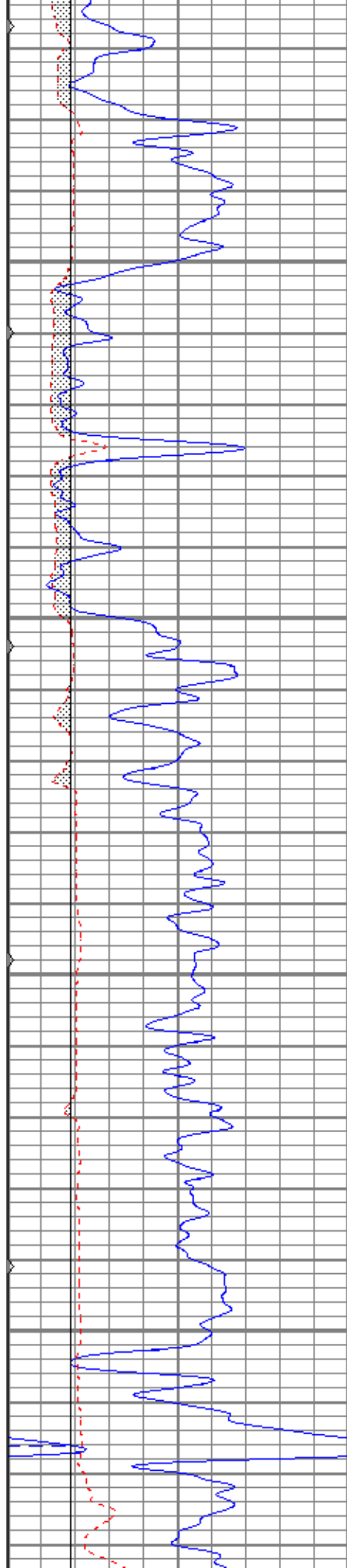
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1300

1350

1400



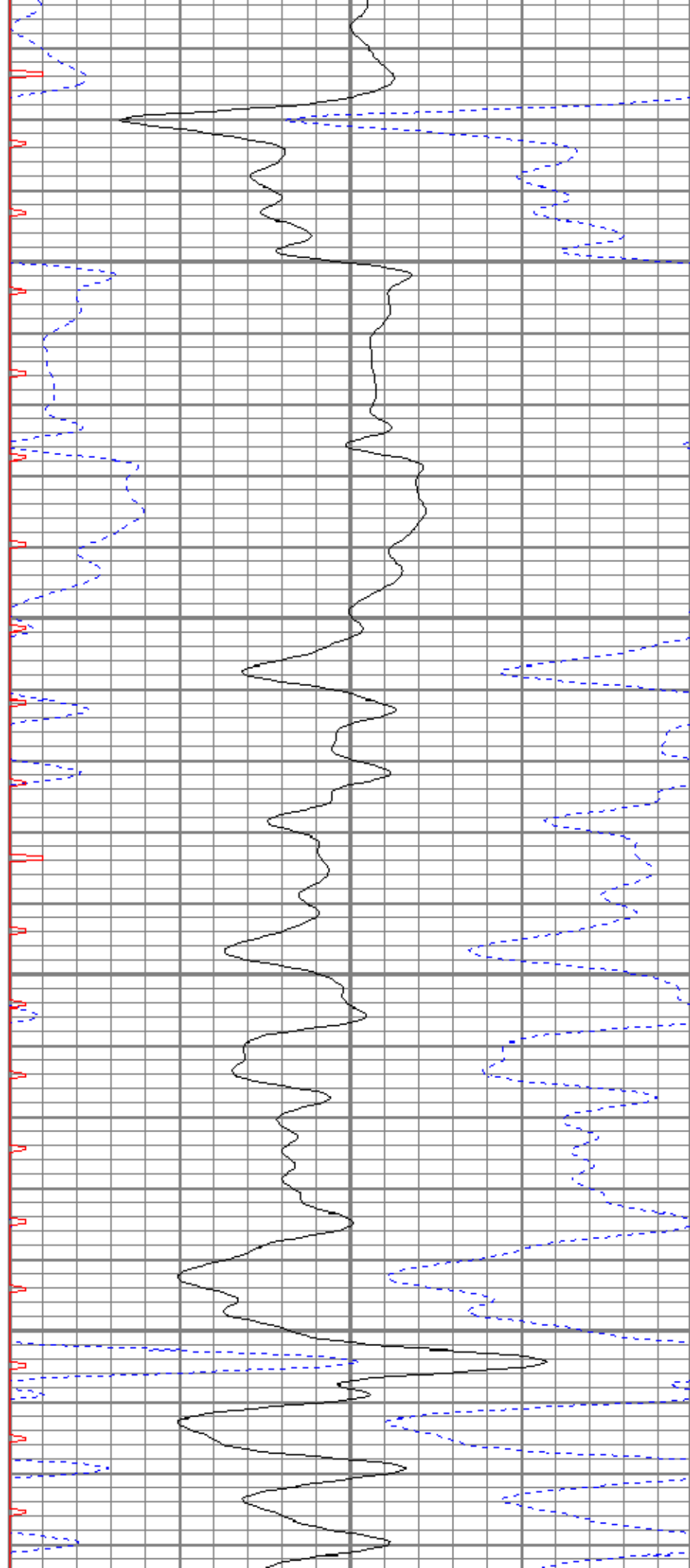


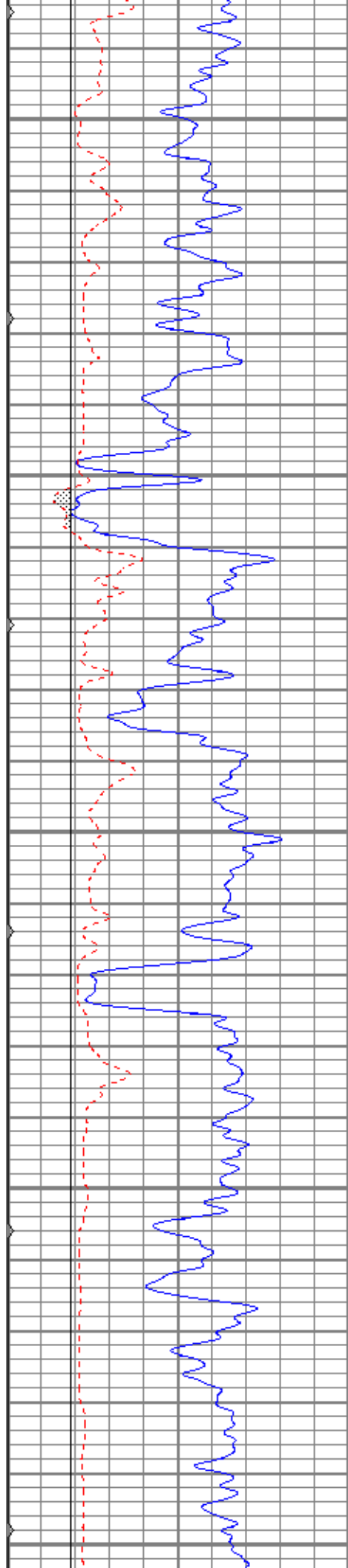
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1550

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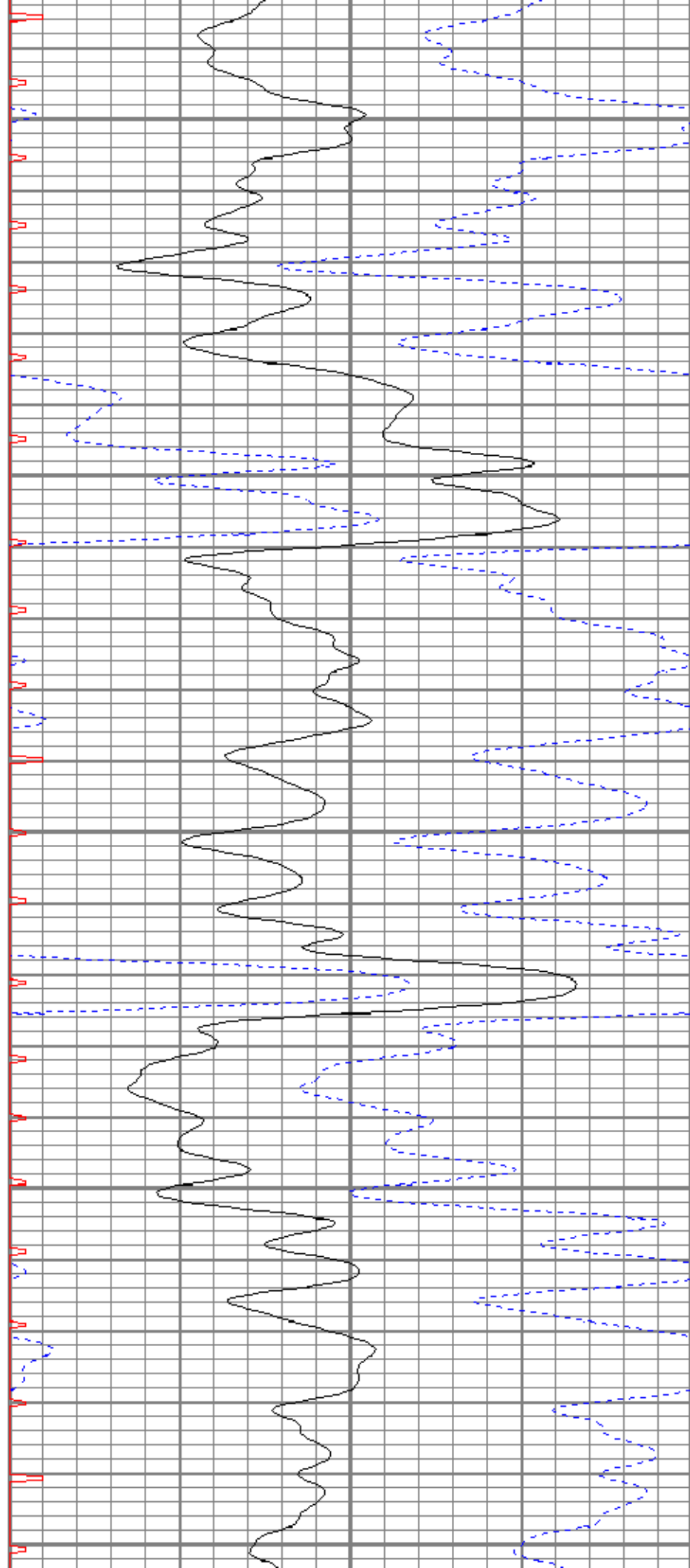
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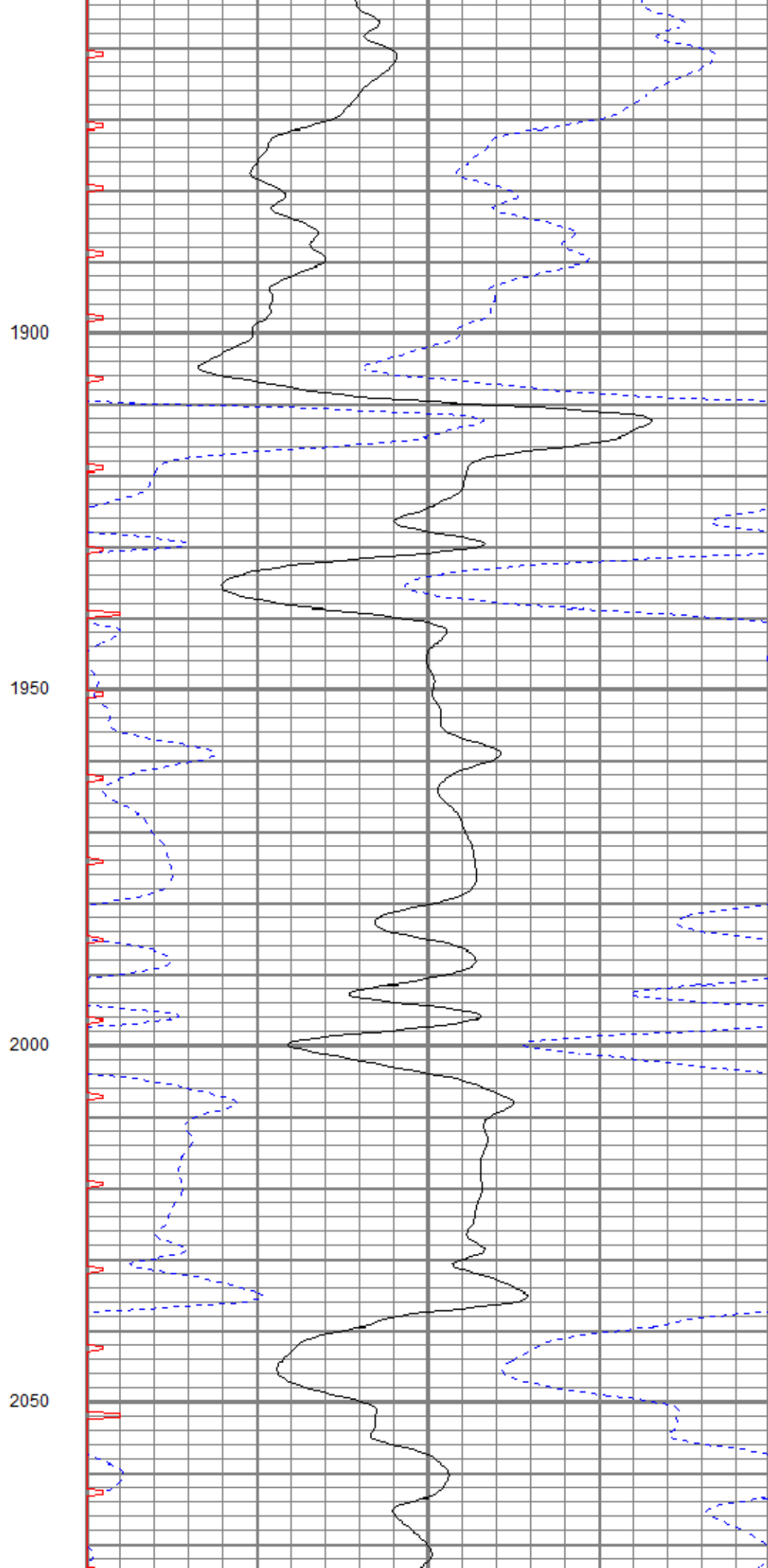
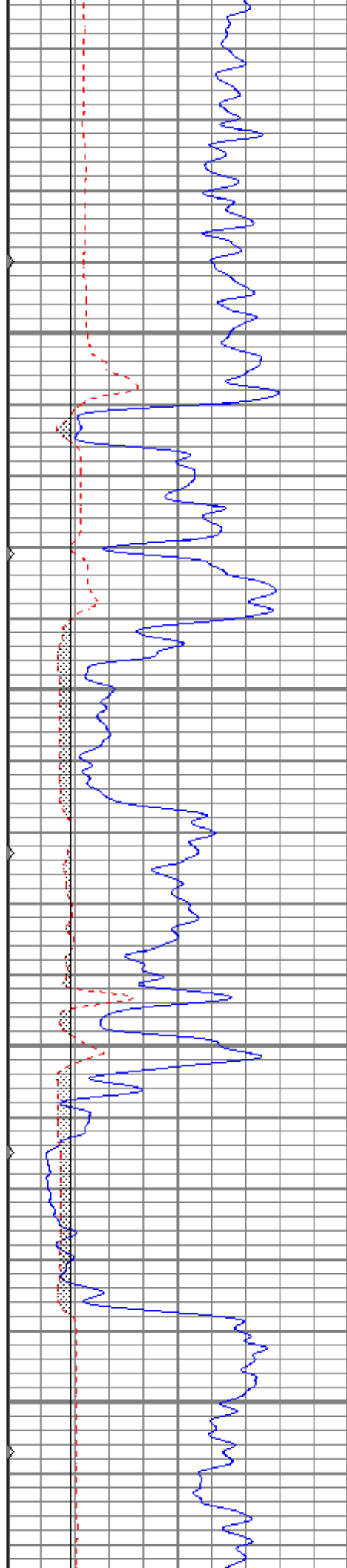
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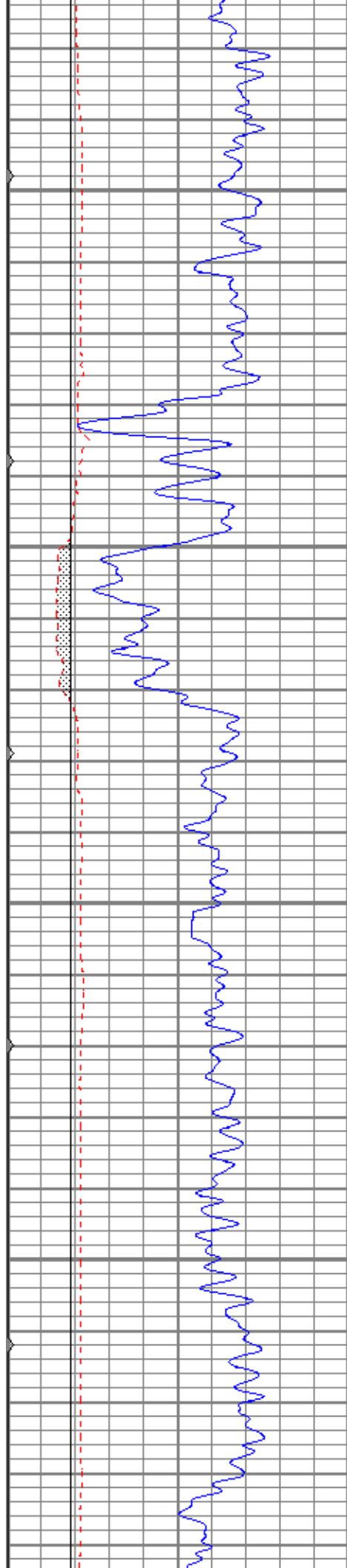
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1850





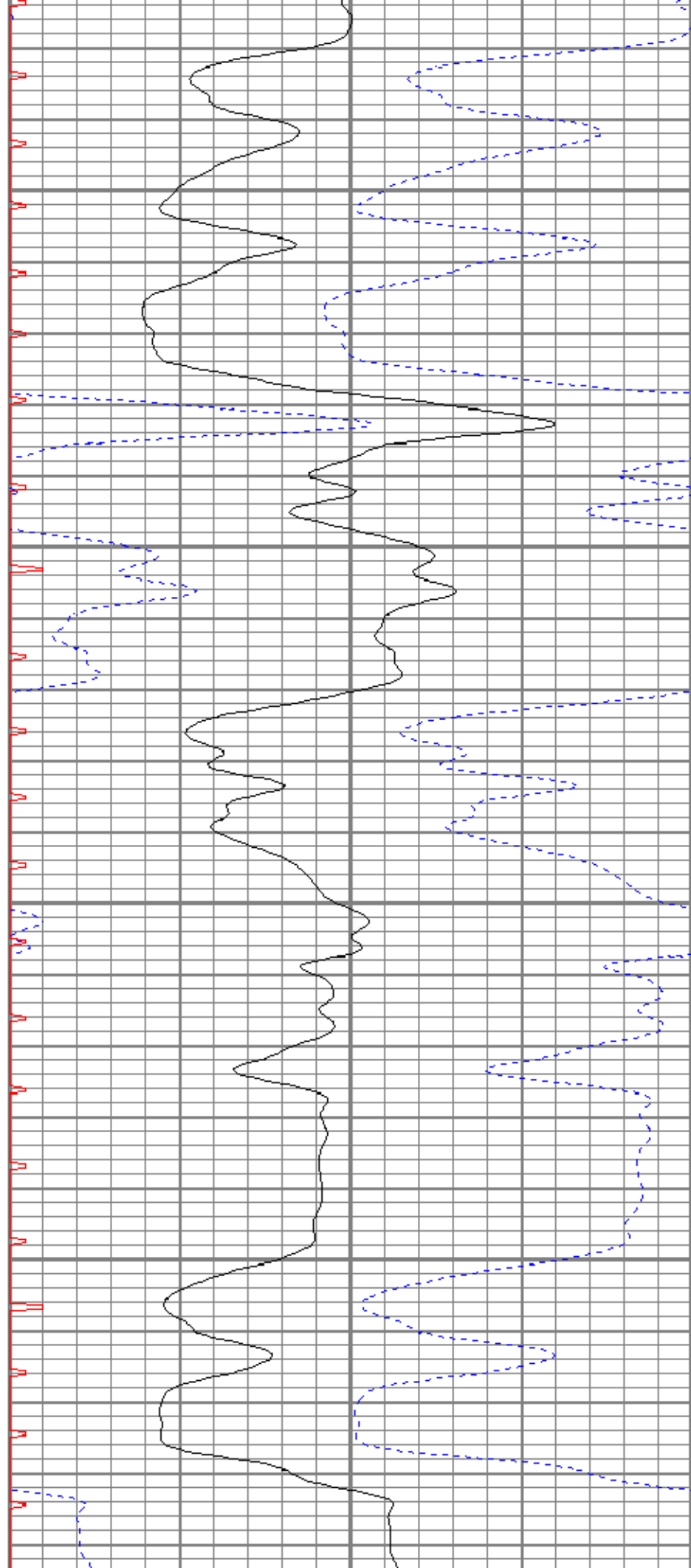


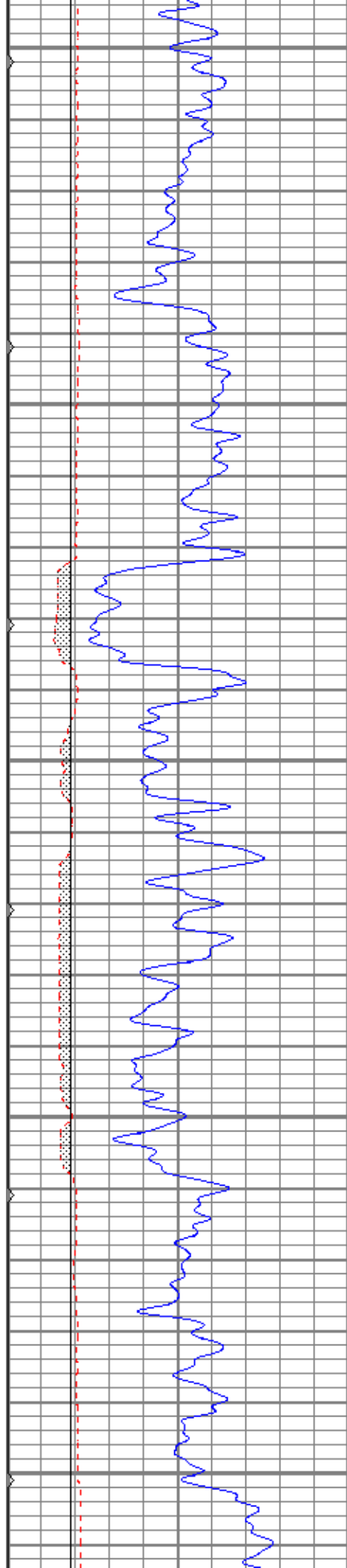
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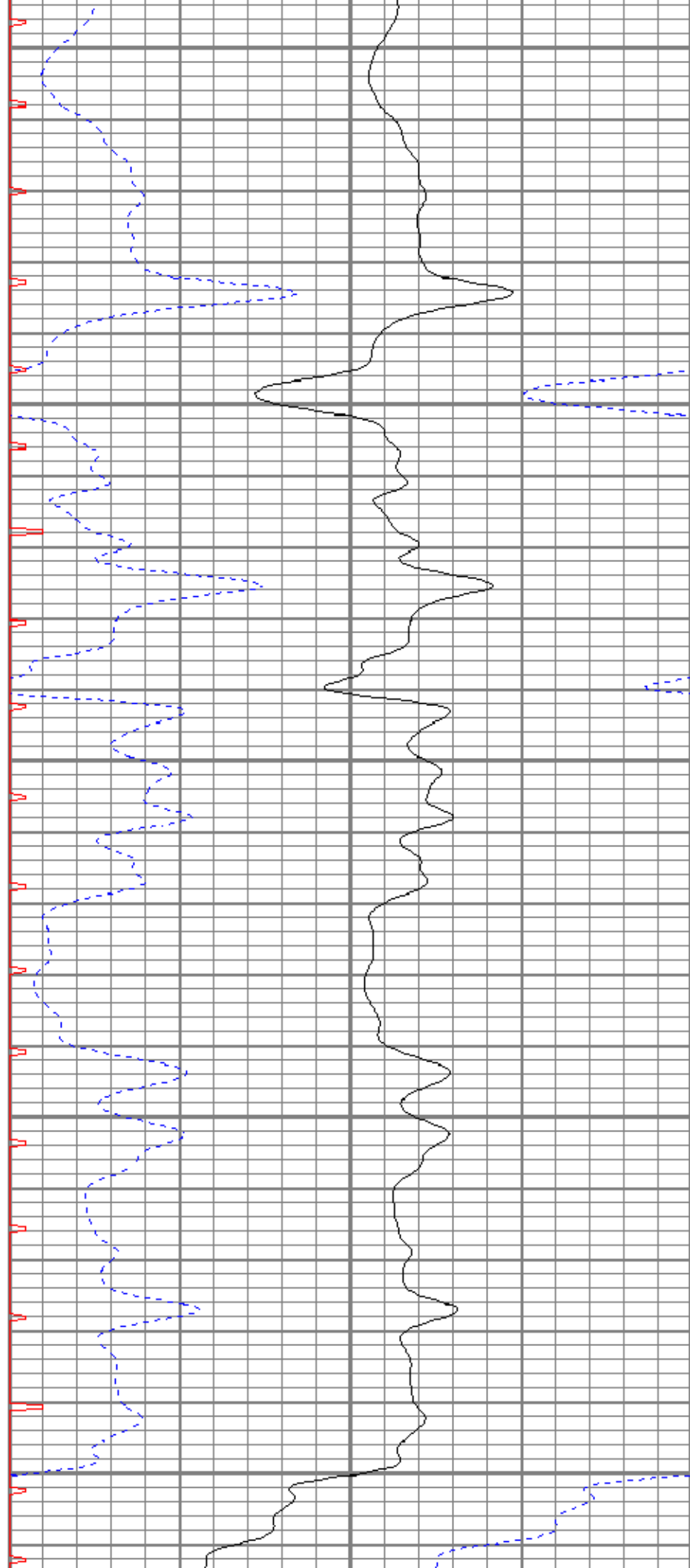
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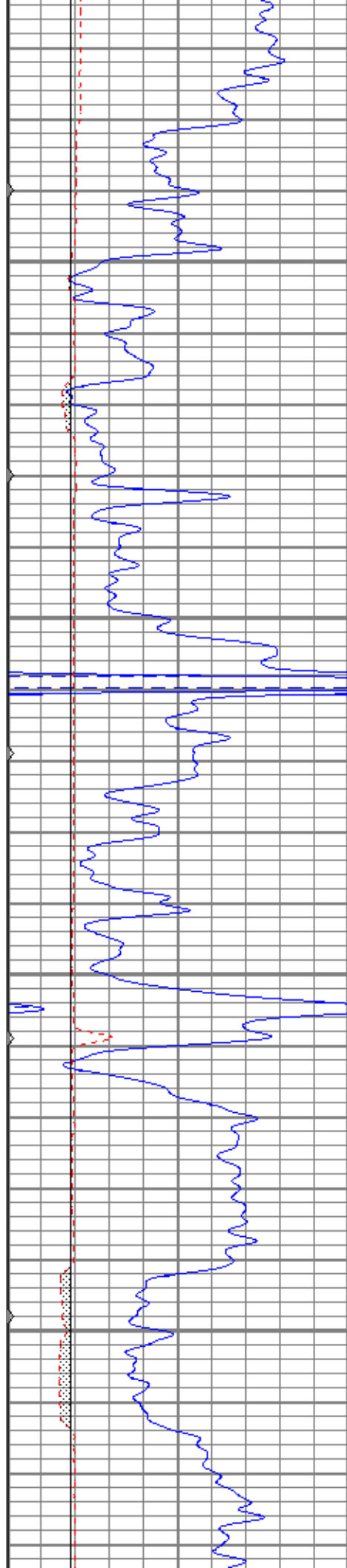
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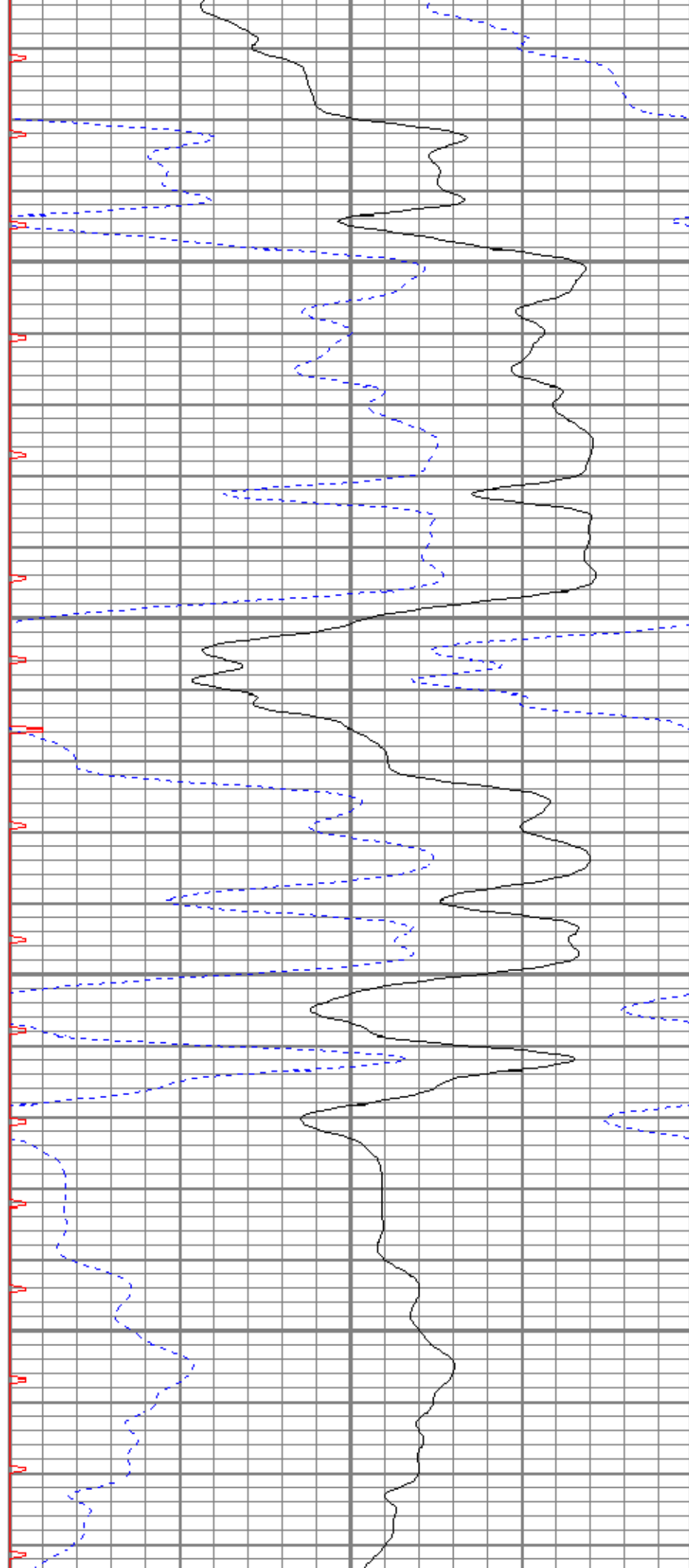


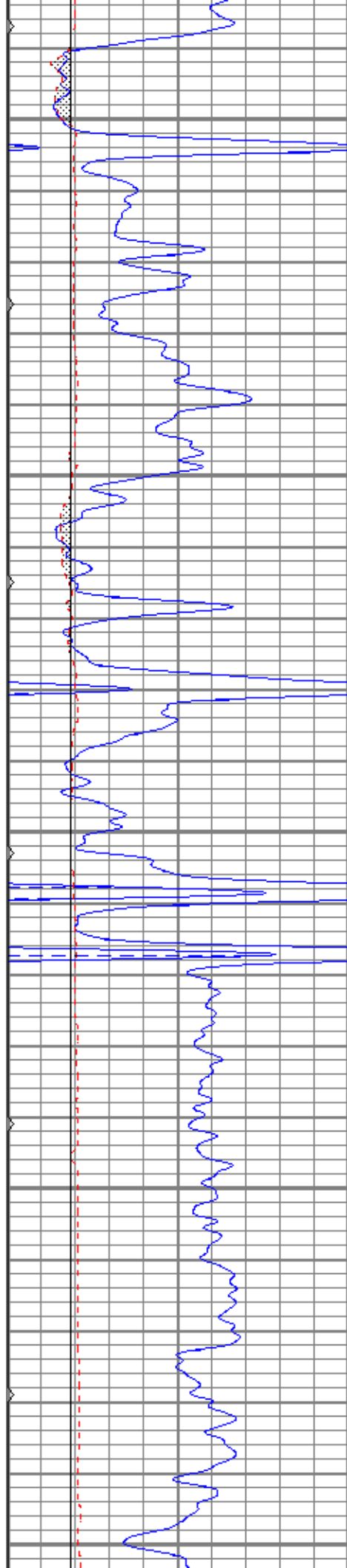
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2700





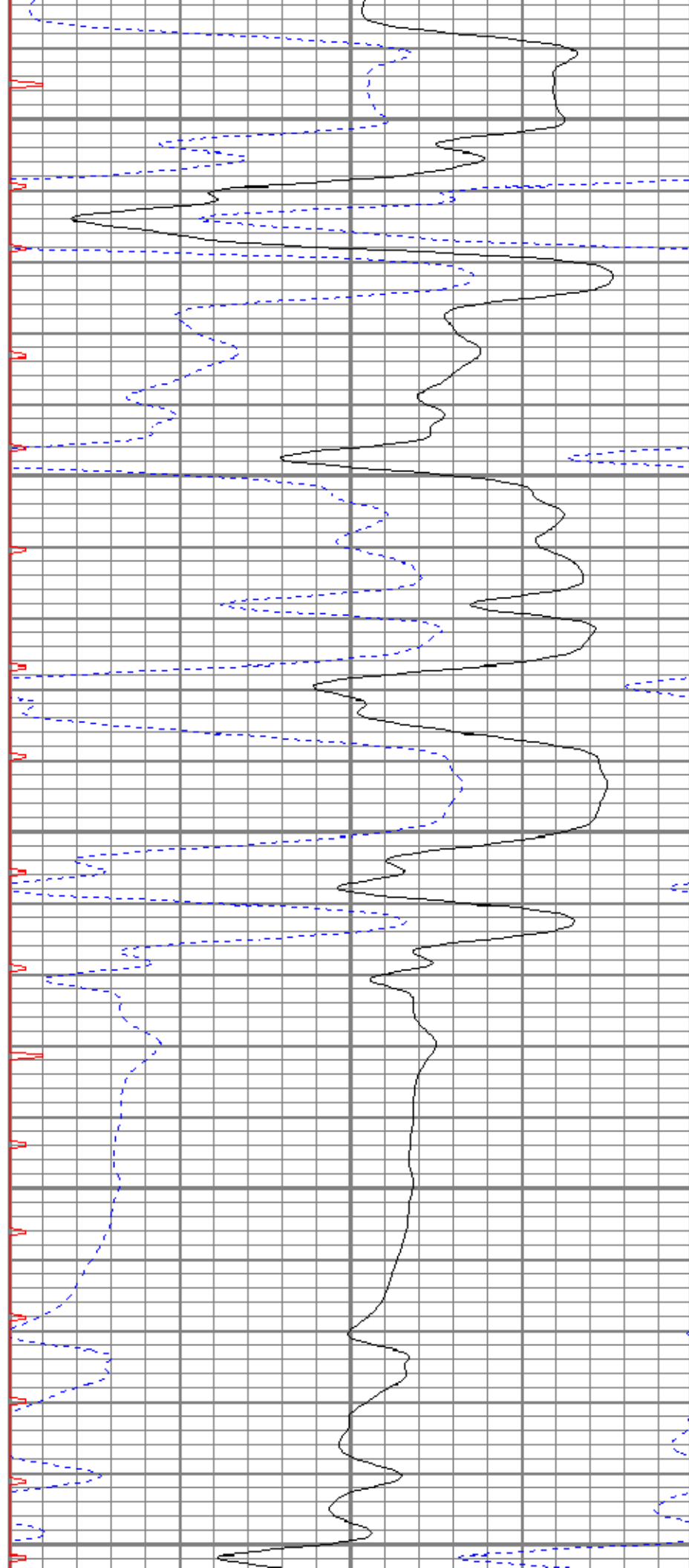
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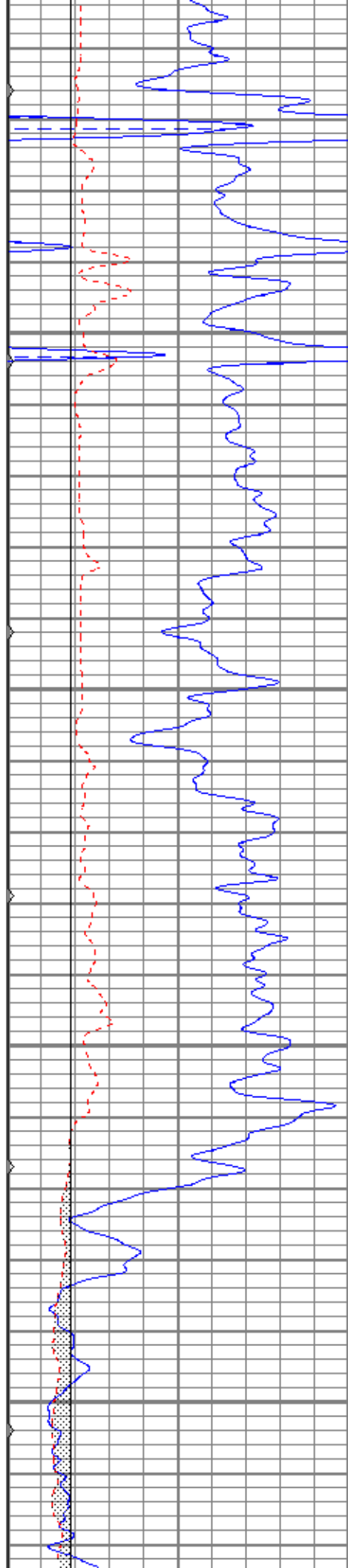
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2900

2950



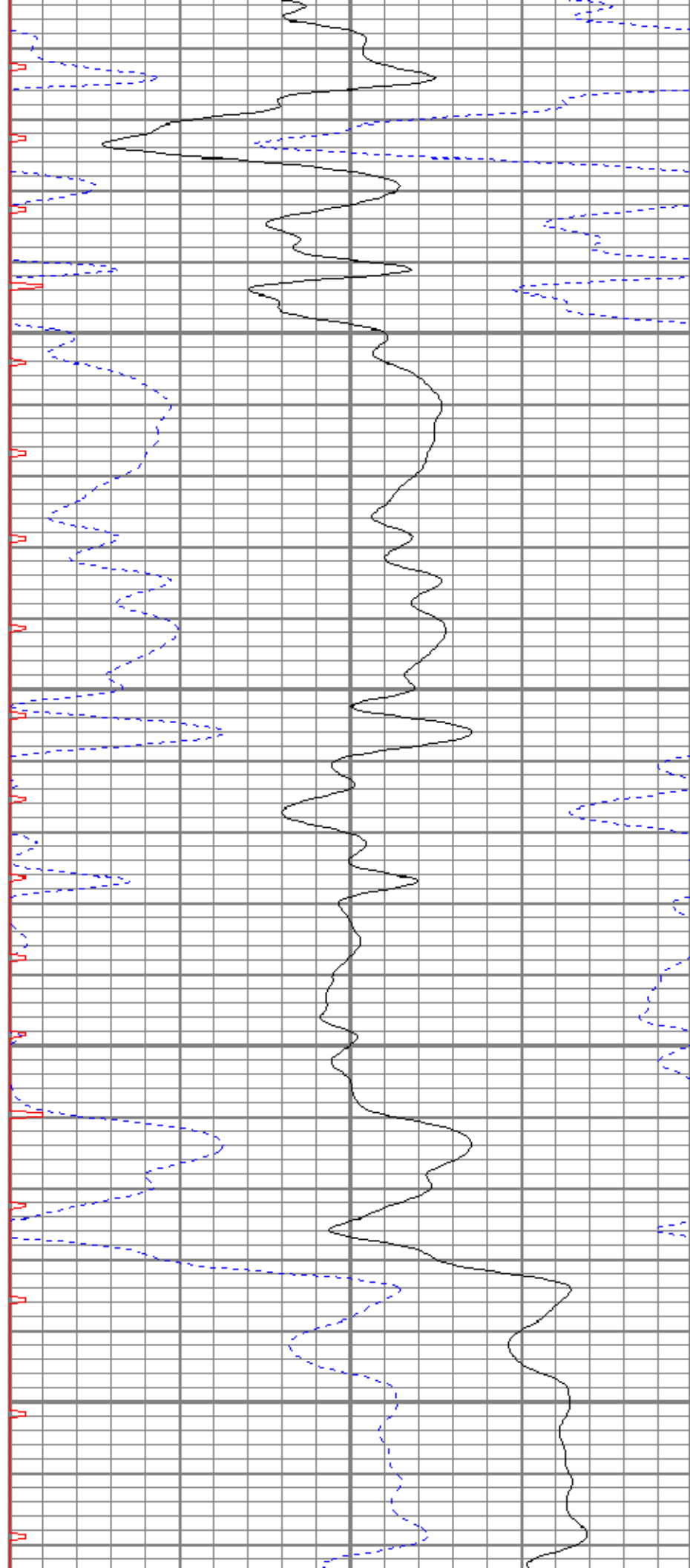


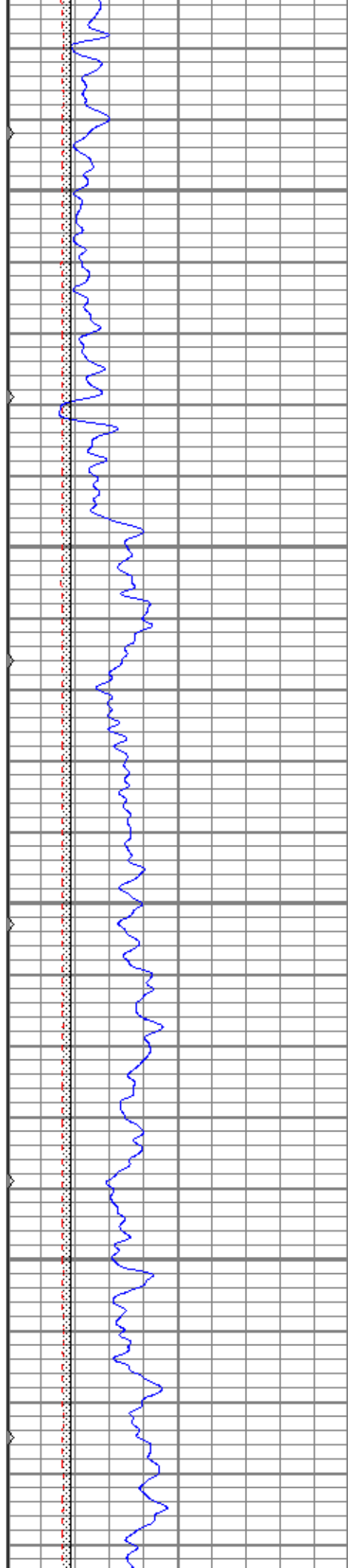
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3050

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3150



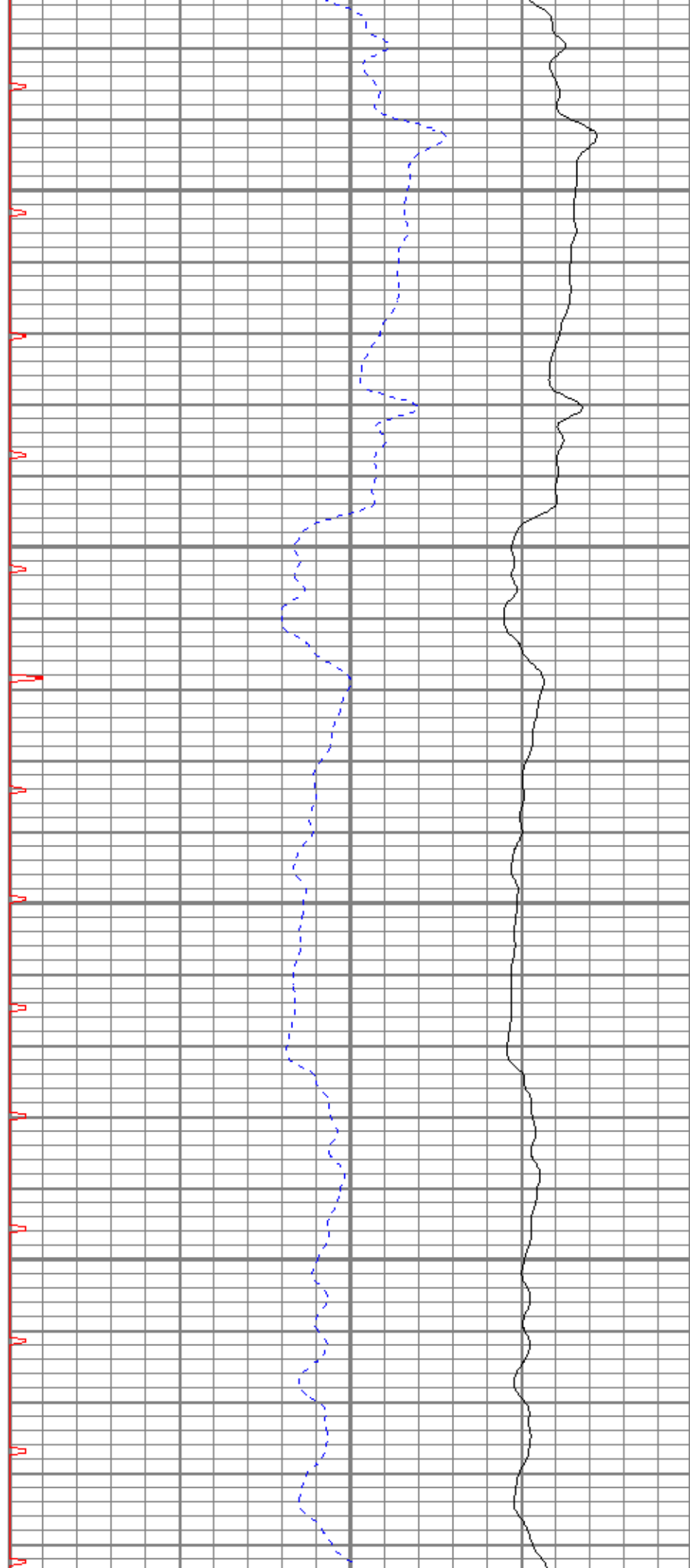


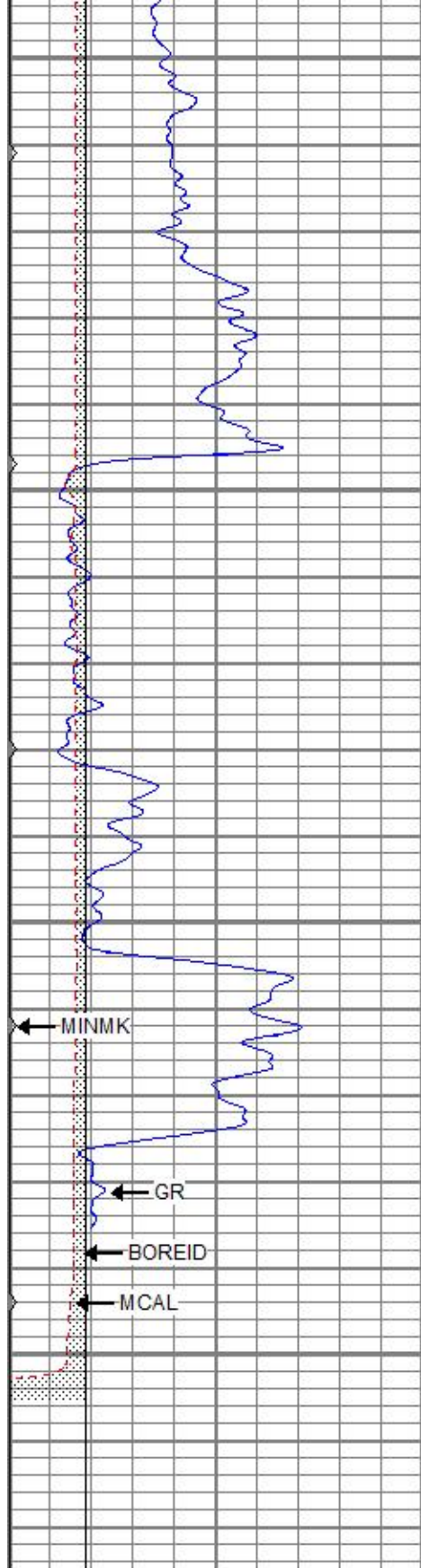
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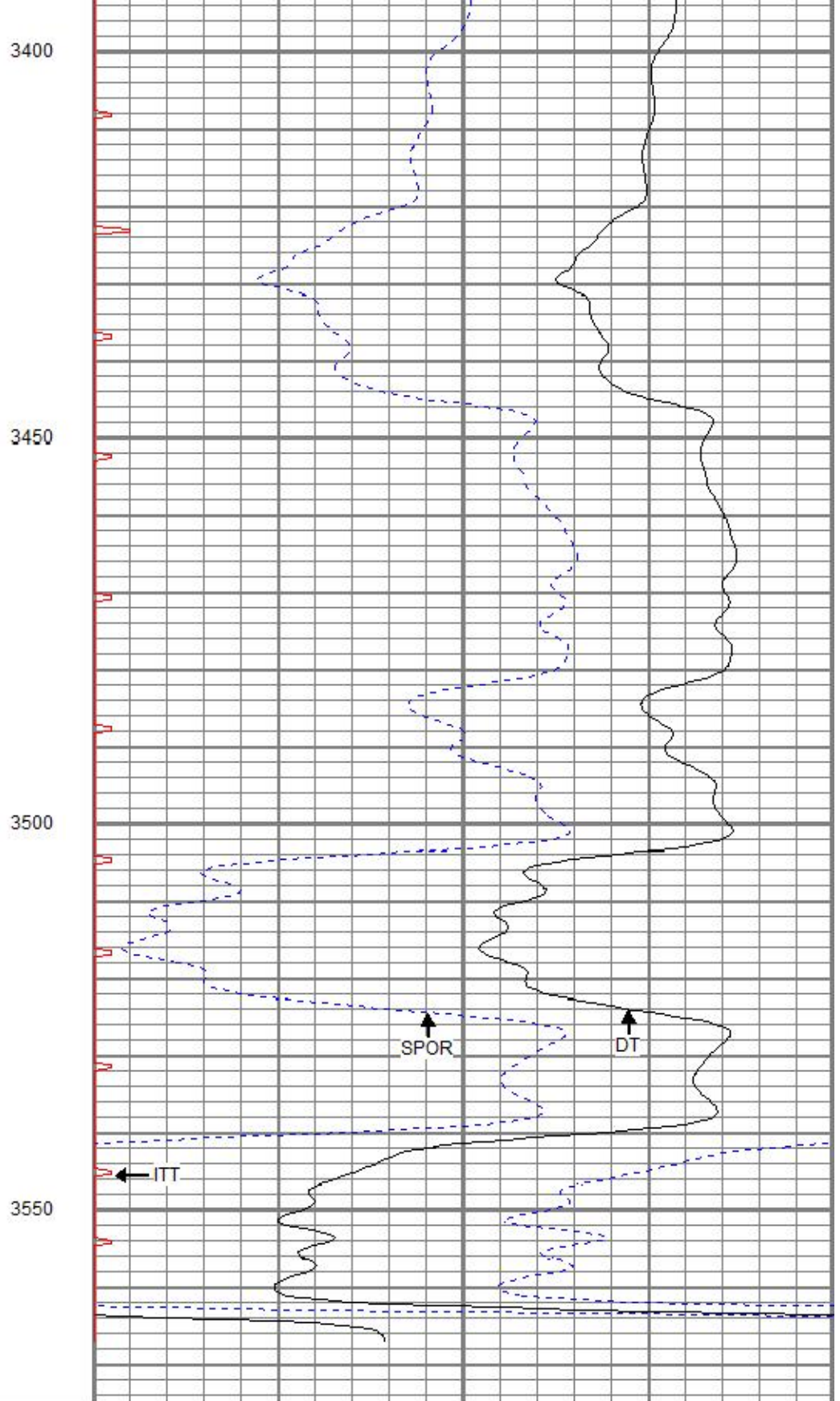
3300

3350





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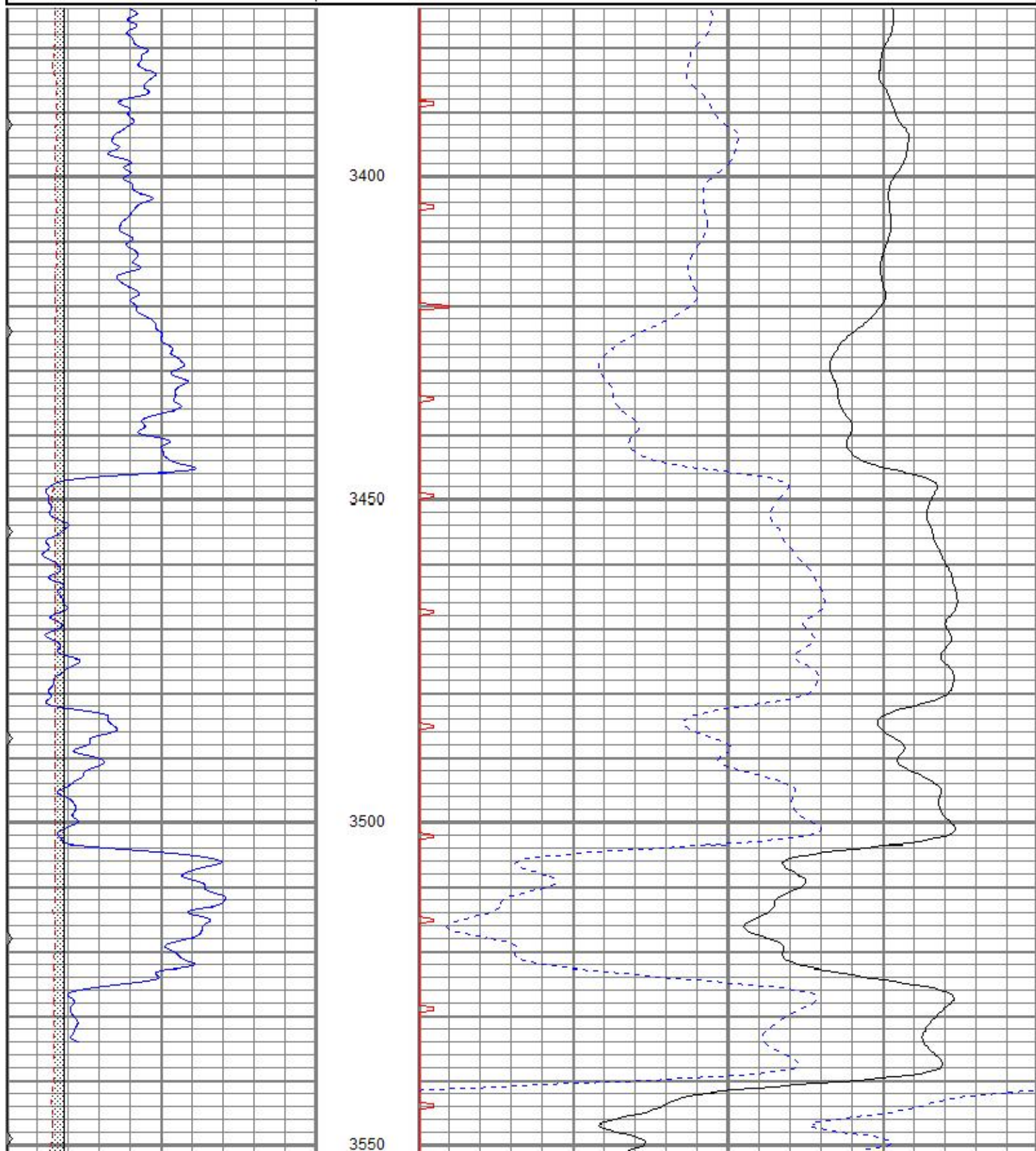


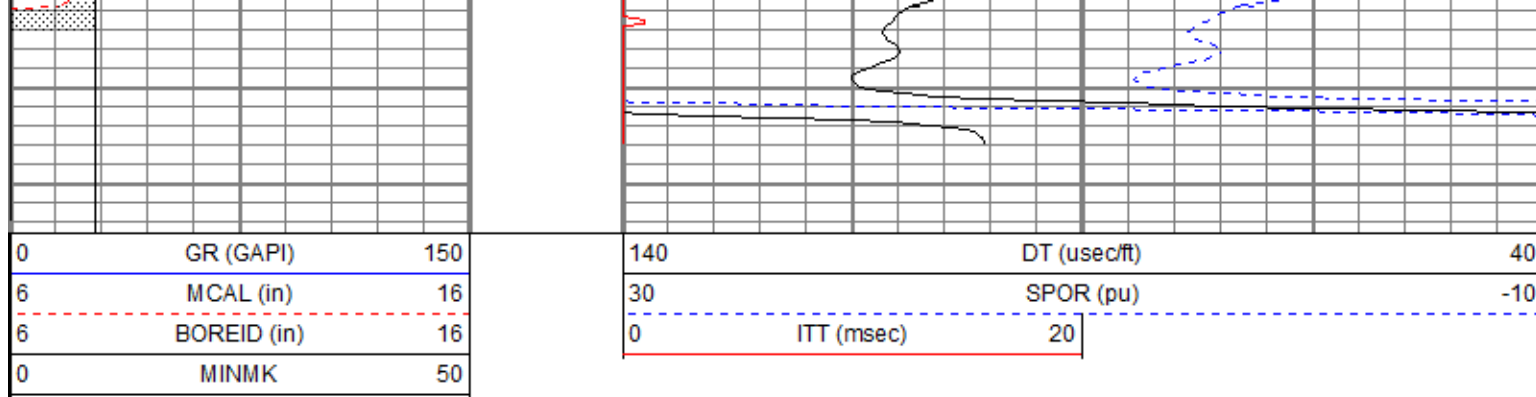
REPEAT SECTION

Database File taoslfj#5oh.db
 Dataset Pathname pass3
 Presentation Format kbcs
 Dataset Creation Sat Jun 10 17:05:03 2017
 Charted by Depth in Feet scaled 1:240

0	GR (GAPI)	150
6	MCAL (in)	16
6	BOREID (in)	16
0	MINMK	50

140	DT (usec/ft)	40
30	SPOR (pu)	-10
0	ITT (msec)	20





Calibration Report

```
Database File      taoslfj#5oh.db
Dataset Pathname   pass4
Dataset Creation    Sat Jun 10 17:17:26 2017
```

Microlog Calibration Report

Serial-Model: 1600-Pengo
Performed: Sat Jun 10 17:01:48 2017

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m	b
Normal	0.0039	0.5852	V	0.0000	10.0000	Ohm-m	17.2052	-0.0678
Inverse	0.0115	0.7601	V	0.0000	8.5000	Ohm-m	11.3545	-0.1304
Caliper	1.3663	2.2079	V	7.1500	14.0000	in	8.1387	-3.9696

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CHD-STD	0.50	1.69	1.00
			ML-Pengo (1600)	6.97	3.50	100.00
MCAL	21.51					
MI	21.51					
MN	21.51					
WVF4	14.25		SLT-G (372)	15.71	3.50	250.00
WVF3	13.25		Sonic			
WVF2	10.25					
WVF1	9.25		CENT-OHlong Open Hole long Centralizer	4.50	3.50	50.00

Dataset: taoslf#5oh.db: field/well/run1/pass4
Total length: 27.67 ft
Total weight: 401.00 lb
O.D.: 3.50 in