



BOREHOLE COMPENSATED SONIC LOG

Company John O. Farmer, Inc.

Well Finney #1

Field Wildcat

County Lyon

State KS

Location:

API #: 15 111 20535

1800' FNL & 1620' FEL

SEC 6 TWP 17S RGE 10E

Permanent Datum Ground Level Elevation 1286'
Log Measured From KB 8' AGL
Drilling Measured From KB

Other Services
ML
CDNL
DIL
Elevation
K.B. 1294'
D.F. 1293'
G.L. 1286'

Date 5-1-18

Run Number Two

Depth Driller 3130'

Depth Logger 3131'

Bottom Logged Interval 3122'

Top Log Interval 300'

Casing Driller 8 5/8" @ 220'

Casing Logger 220'

Bit Size 7 7/8"

Type Fluid in Hole Chemical Mud

Density / Viscosity 9.1/4.4

pH / Fluid Loss 9.0/9.2

Source of Sample Pit

Rm @ Meas. Temp 2.5@84degf

Rmf @ Meas. Temp 2.0@84degf

Rmc @ Meas. Temp 3.2@84degf

Source of Rmf / Rmc Calculated

Rm @ BHT 1.95@108degf

Time Circulation Stopped 10:00 p.m

Time Logger on Bottom 2:25 A.M

Maximum Recorded Temperature 108degf

Equipment Number T127

Location Hays, KS.

Recorded By C. Patterson

Witnessed By Mr. Austin Klaus

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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 out of Council Grove to S 200 Rd., South on S 200 Rd. to Y Ave.,
East on Y Ave. to B Rd., South on B Rd. West into

Thank you for using Gemini Wireline
785-625-1182

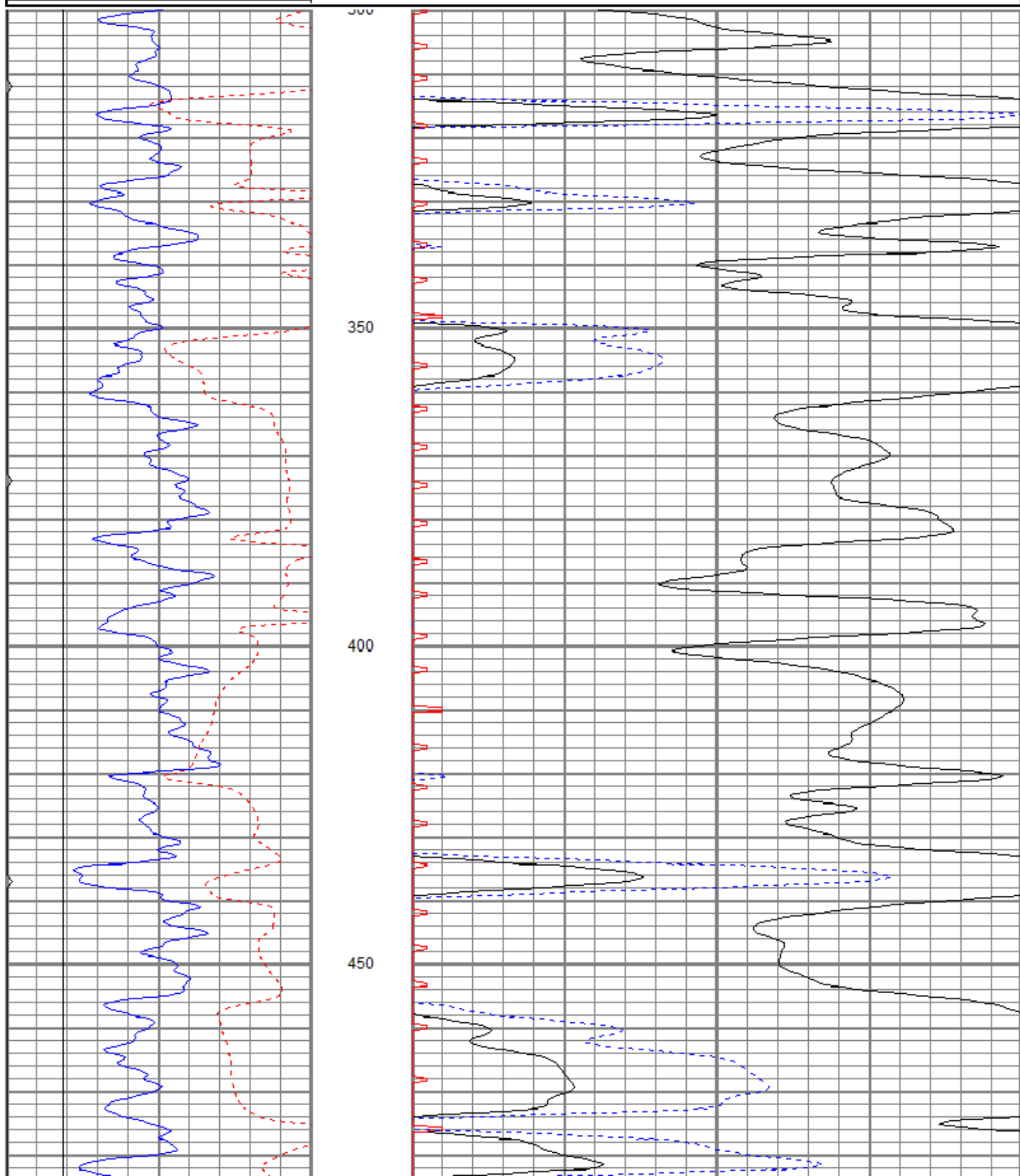


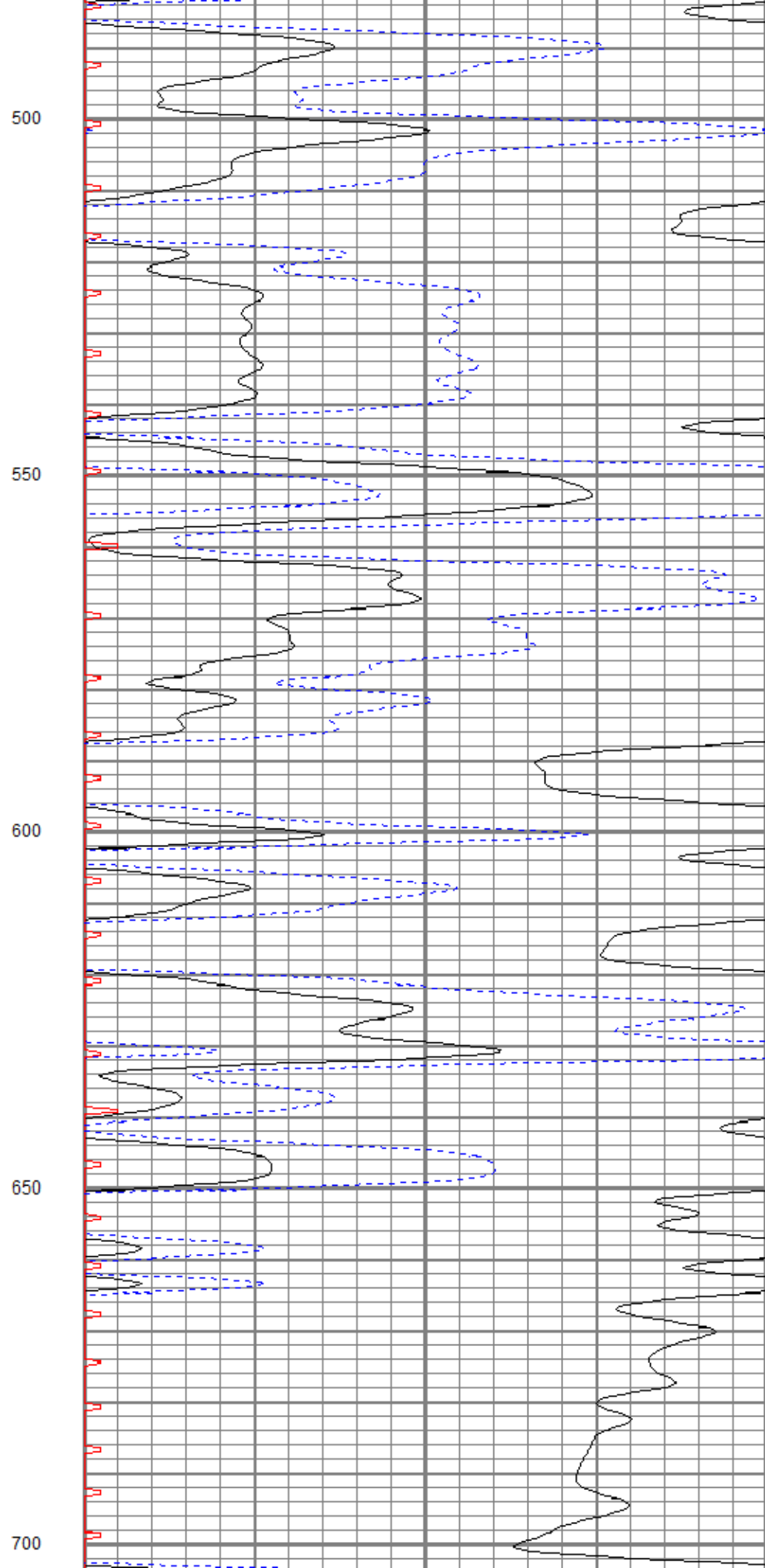
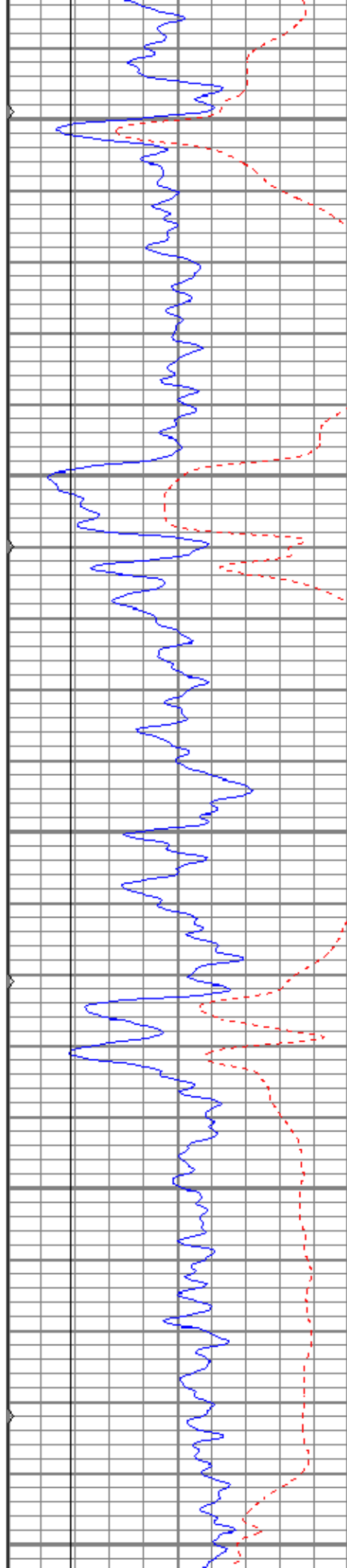
MAIN PASS

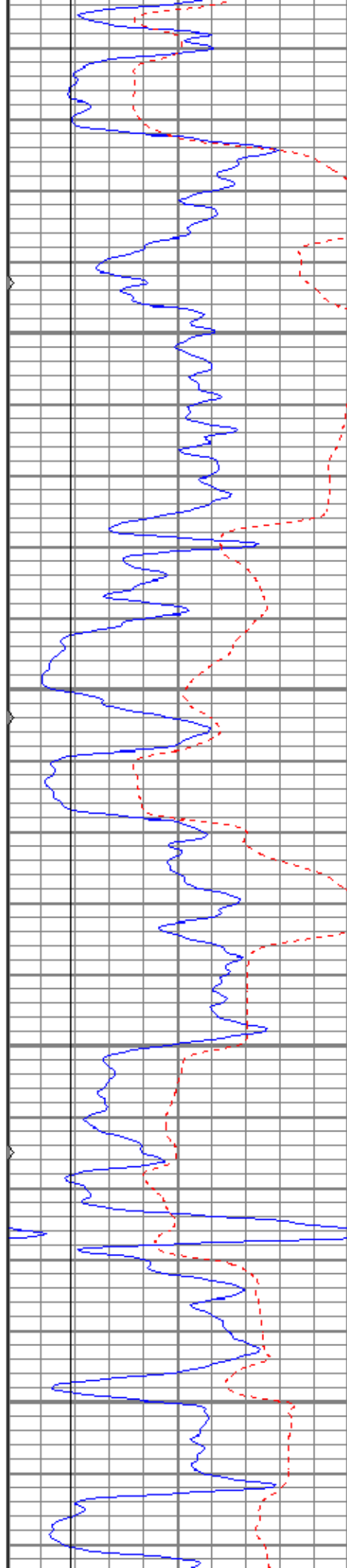
Database File joffinney10h.db
Dataset Pathname pass4
Presentation Format kbcs
Dataset Creation Tue May 01 02:39:55 2018
Charted by Depth in Feet scaled 1:240

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





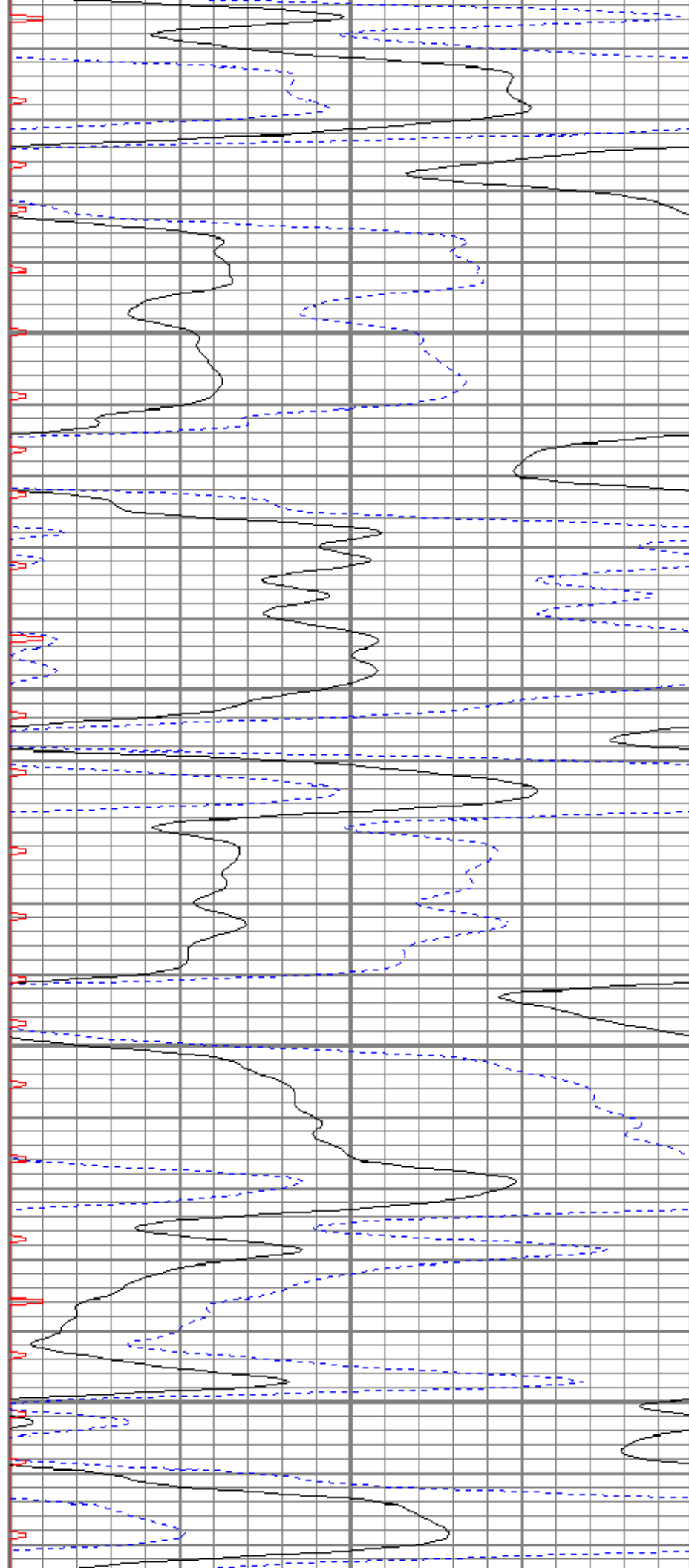


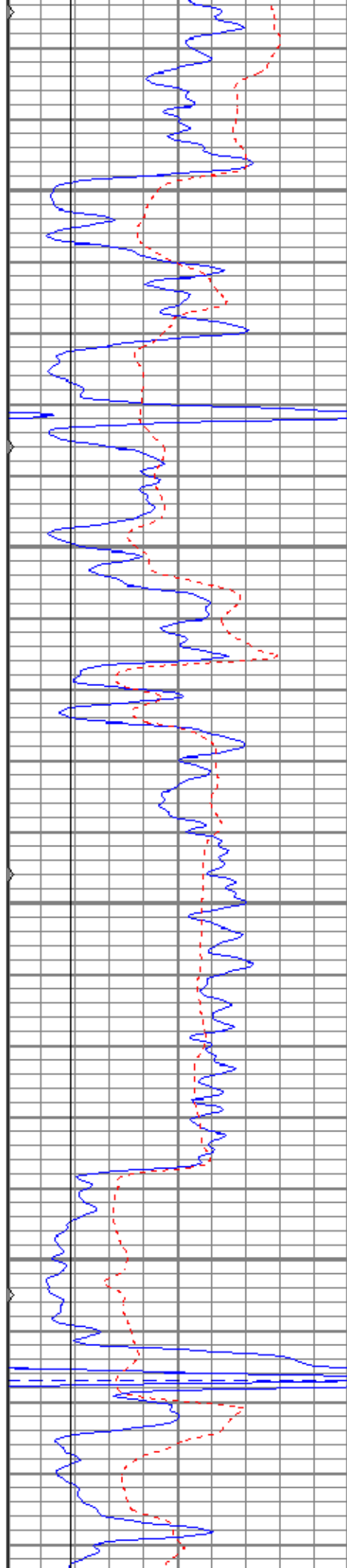
750

800

850

900



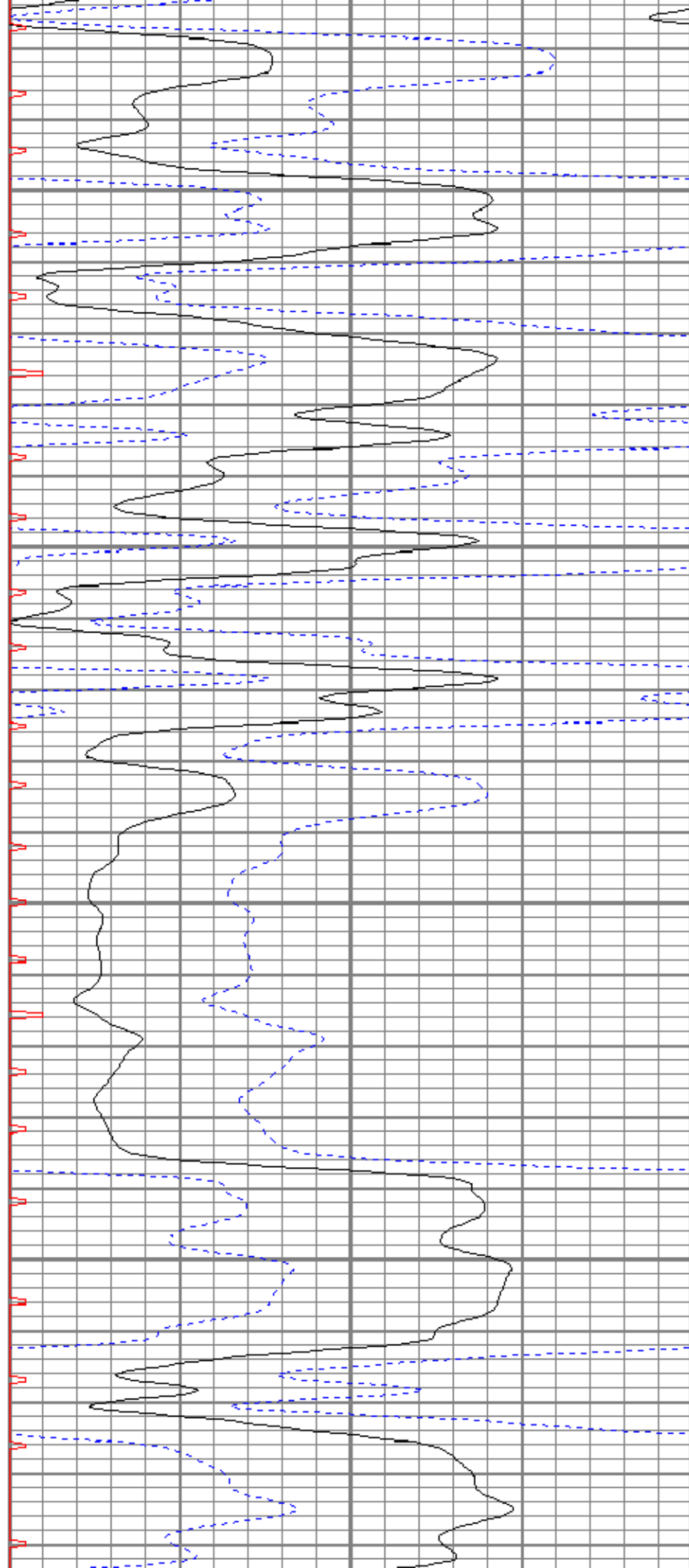


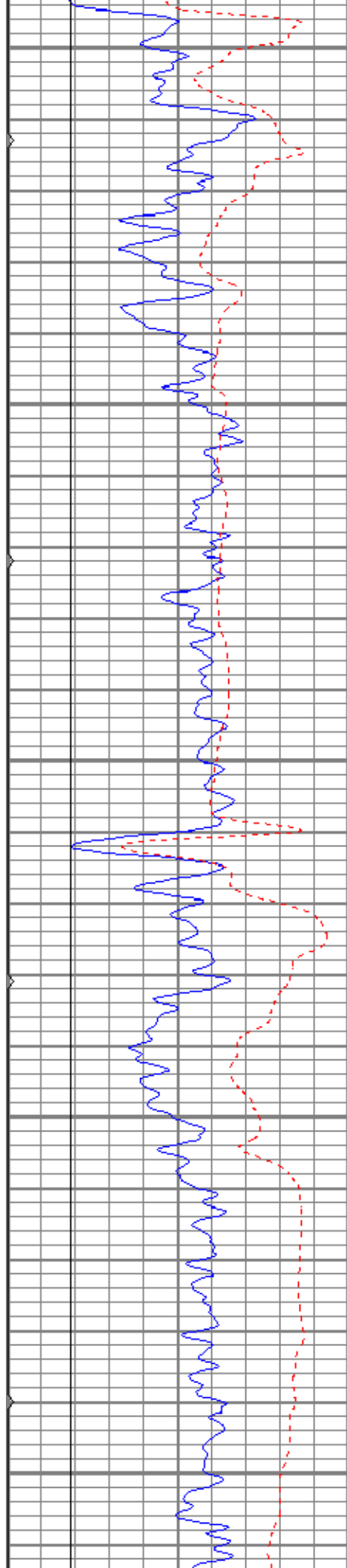
950

1000

1050

1100





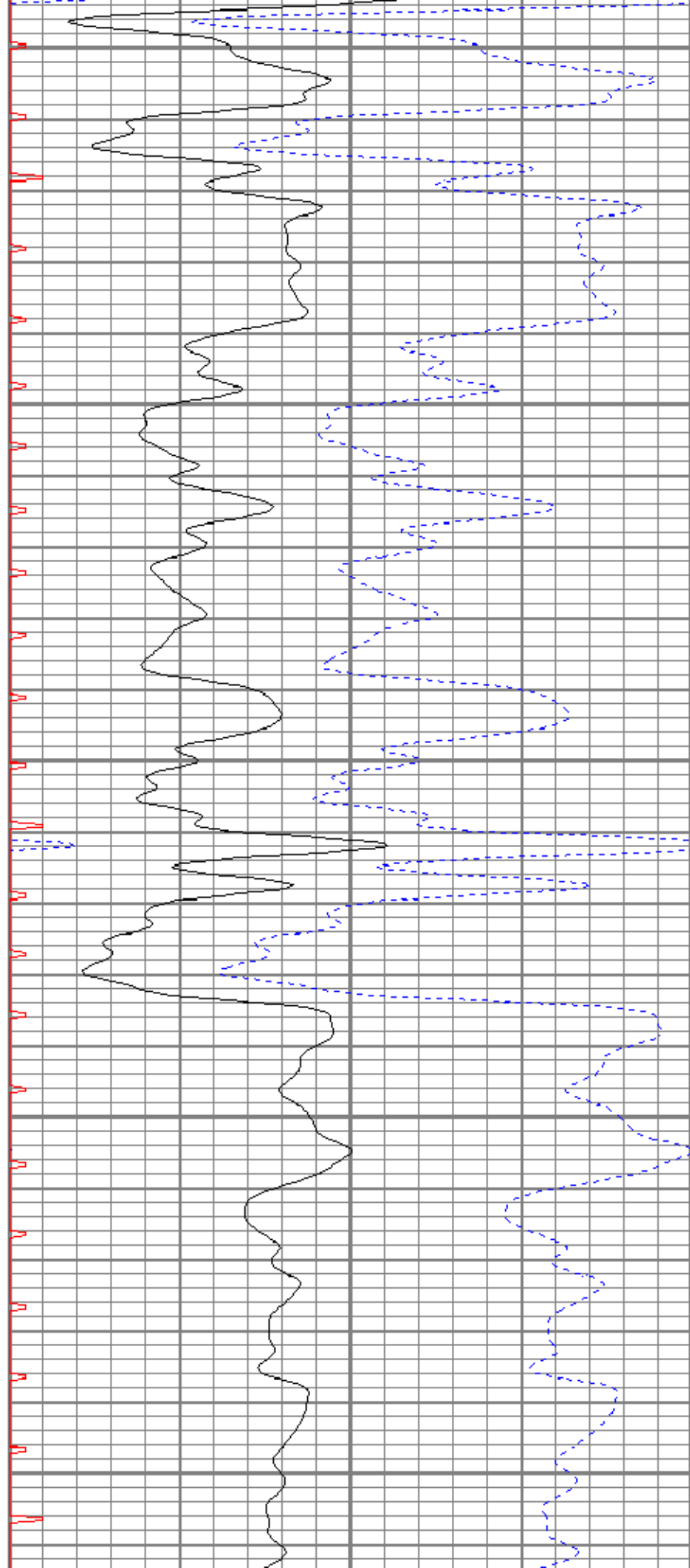
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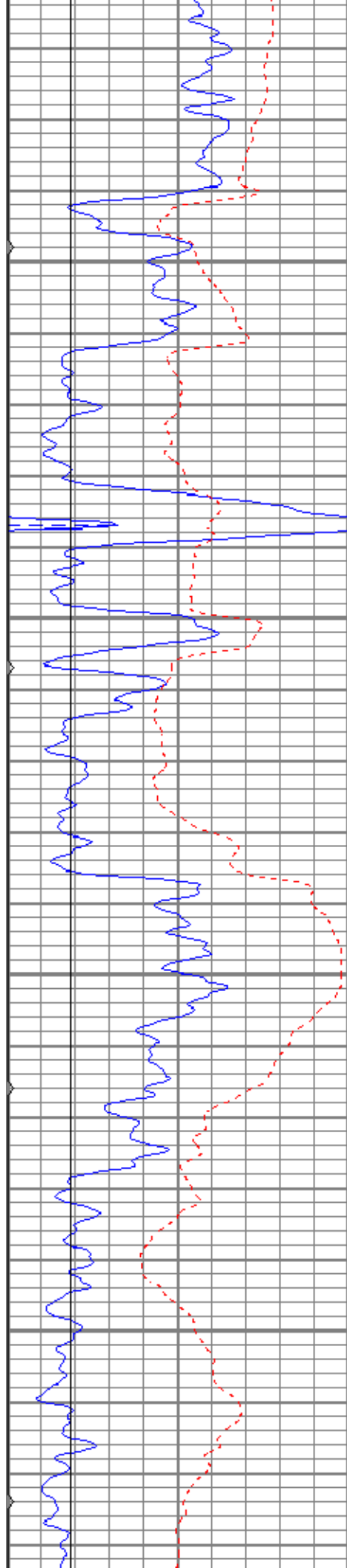
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1250

1300

1350



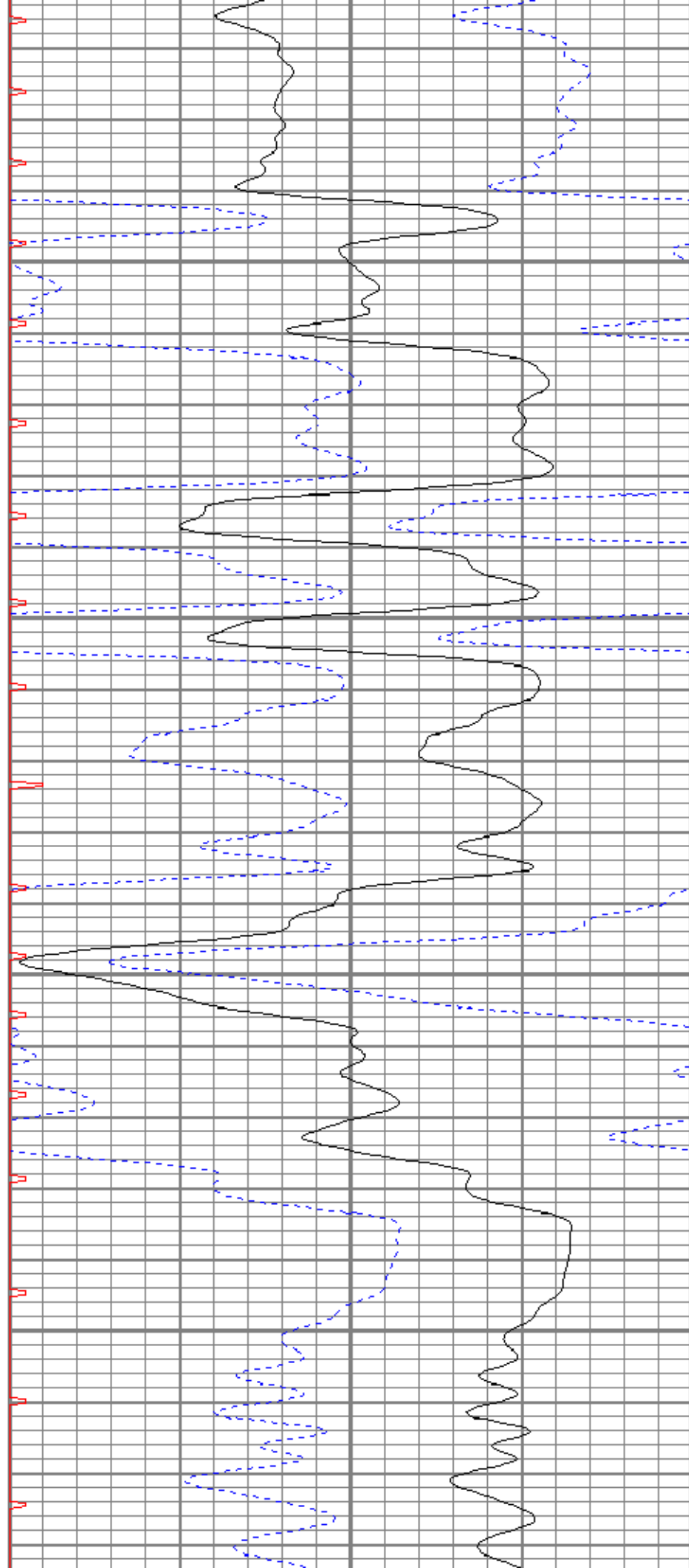


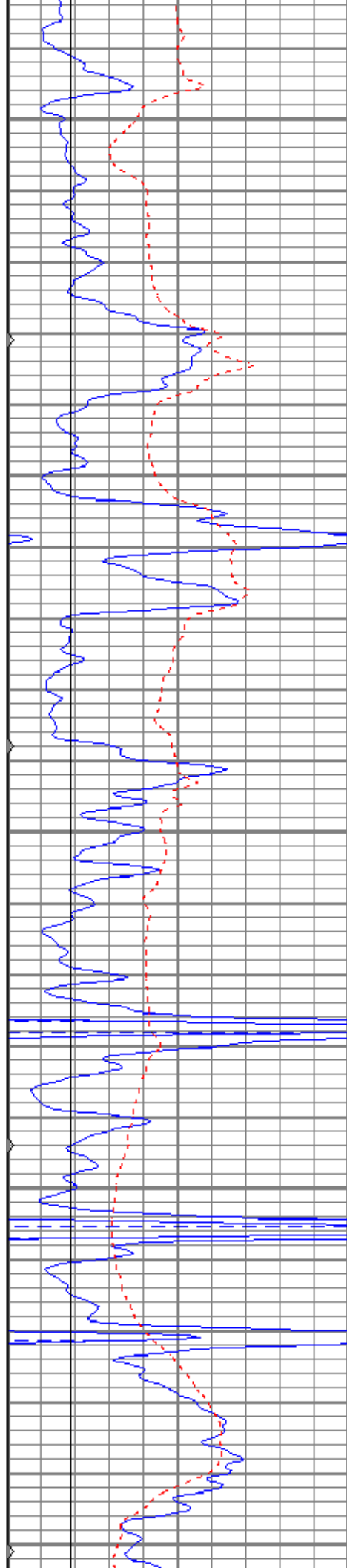
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1450

1500

1550





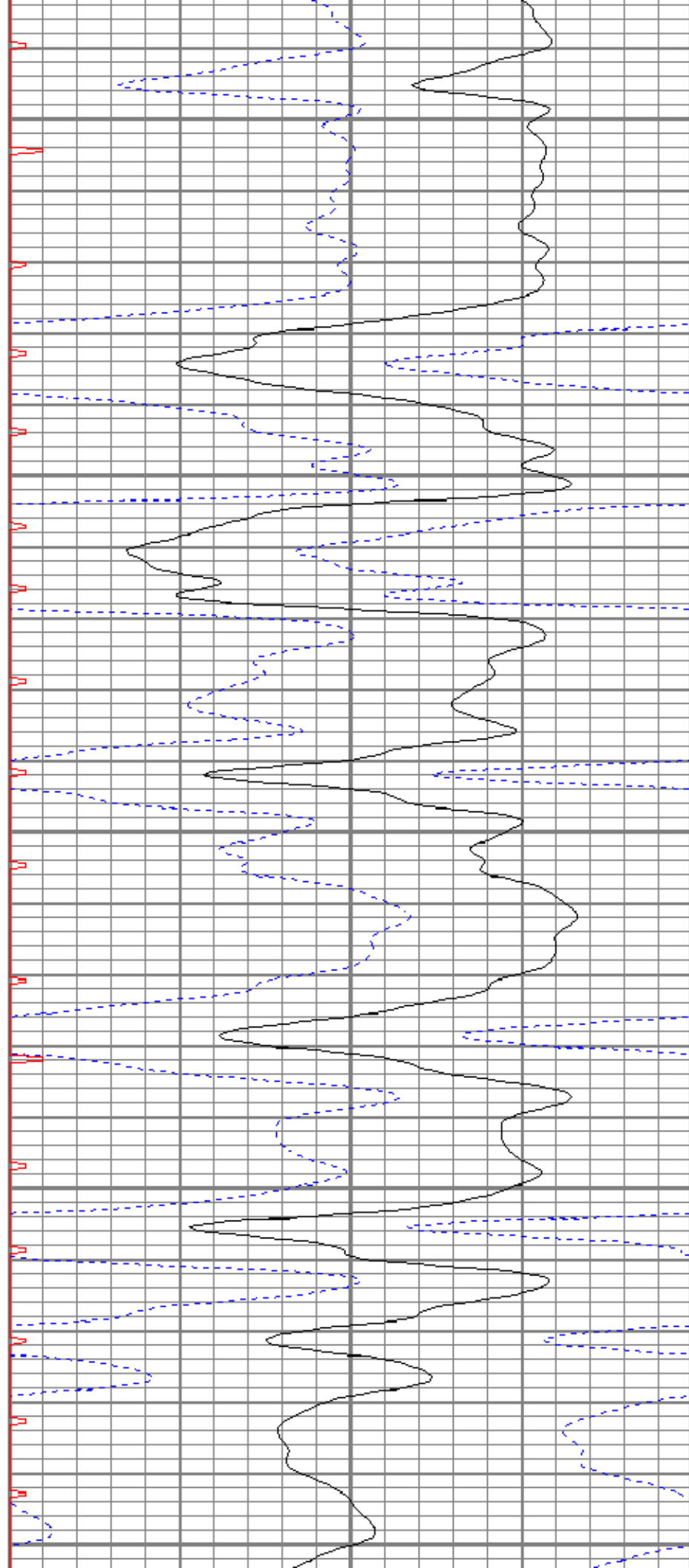
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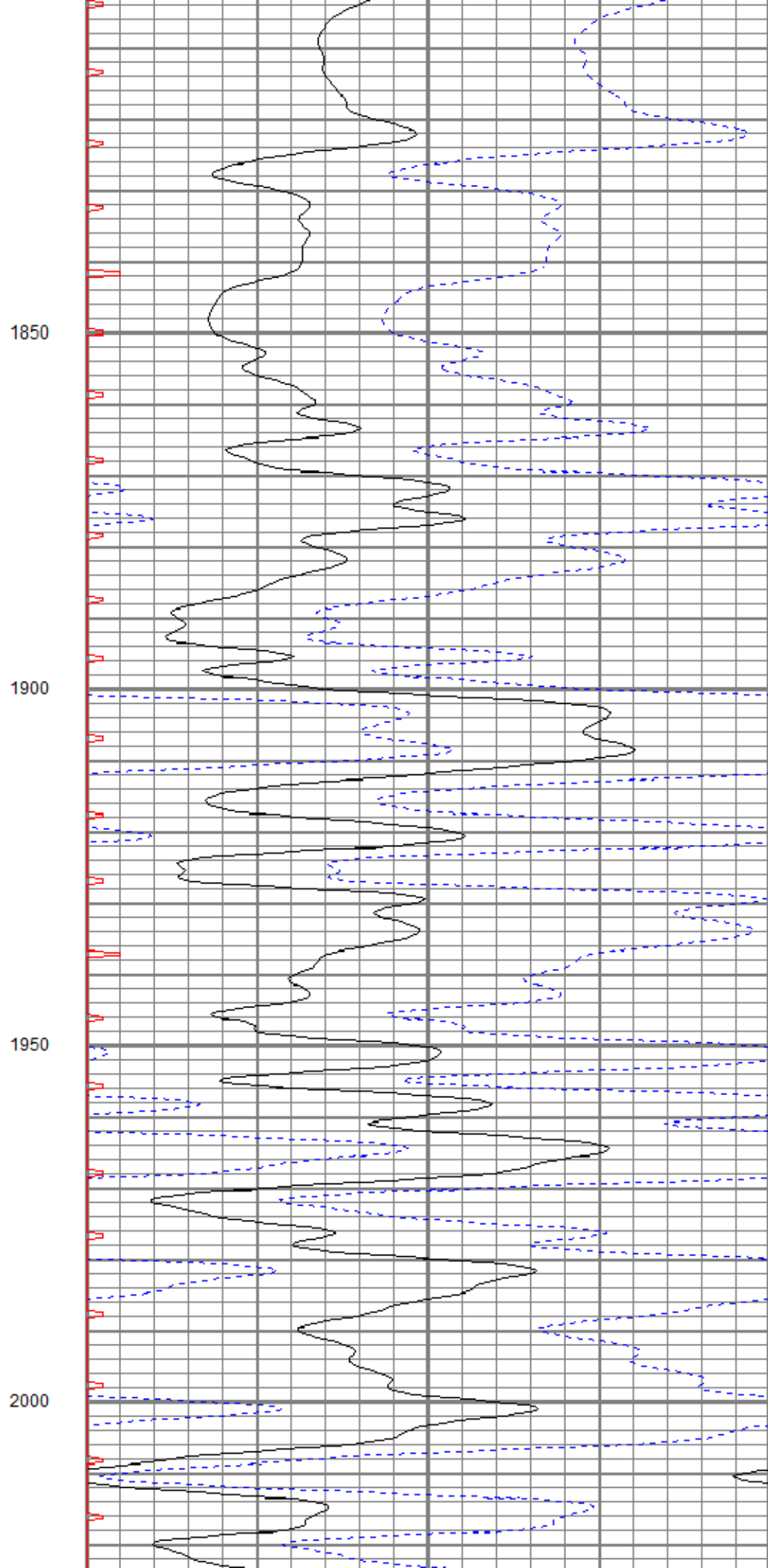
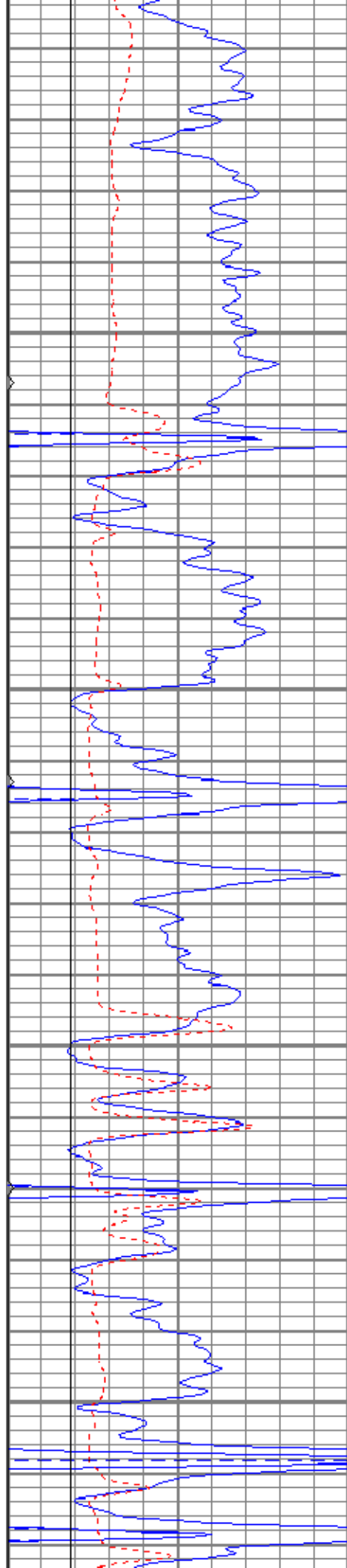
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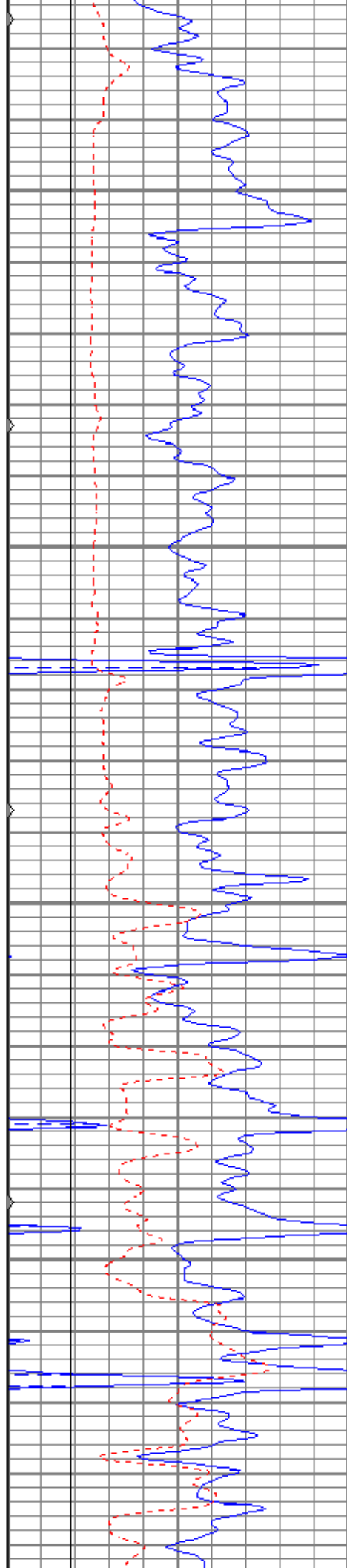
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1750

1800





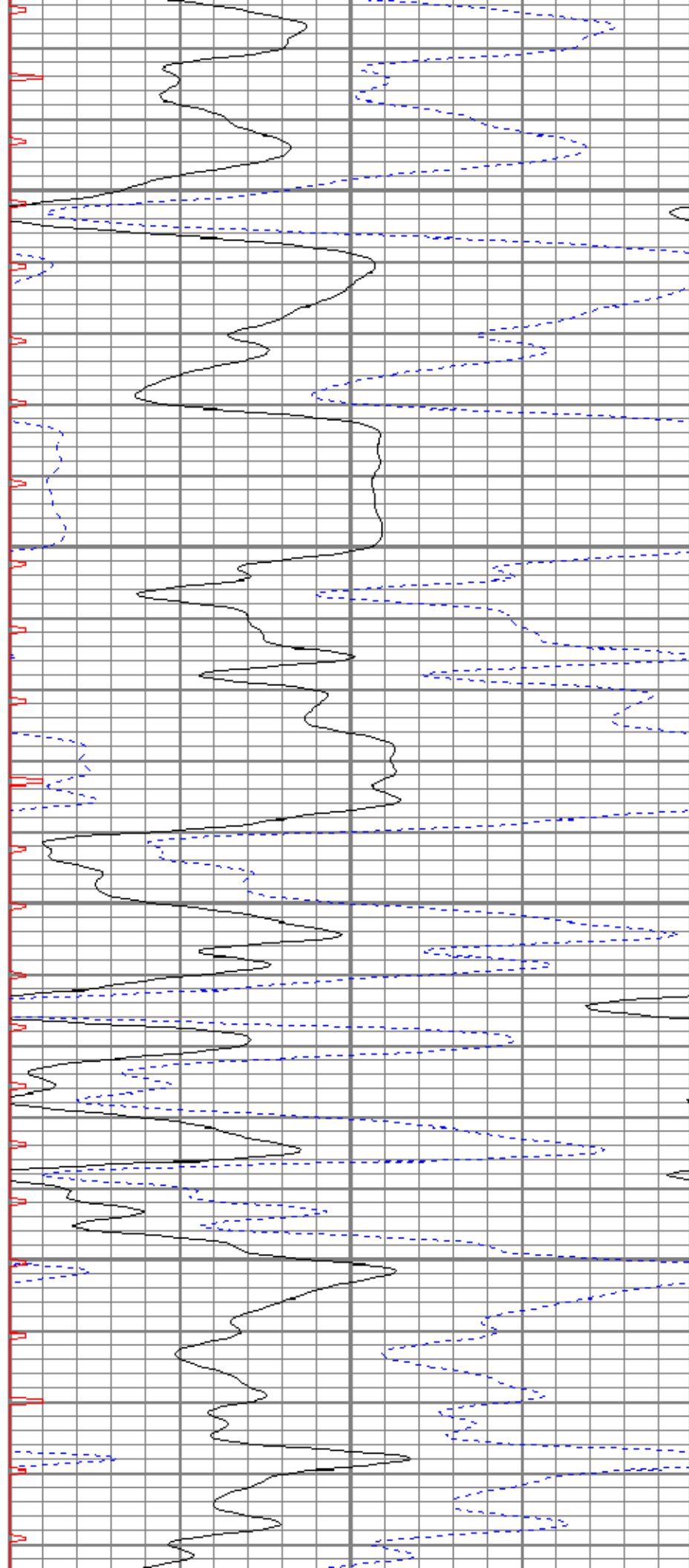


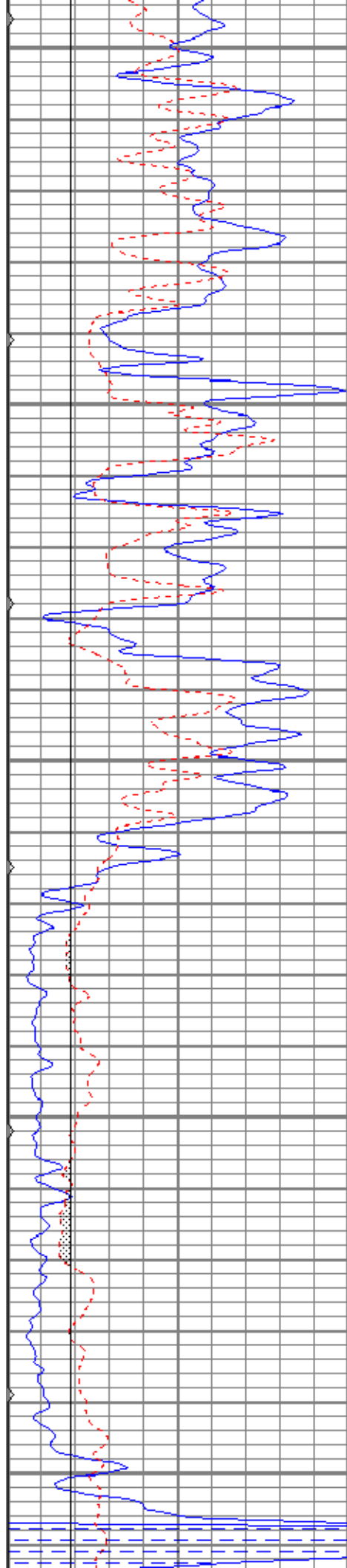
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2100

2150

2200





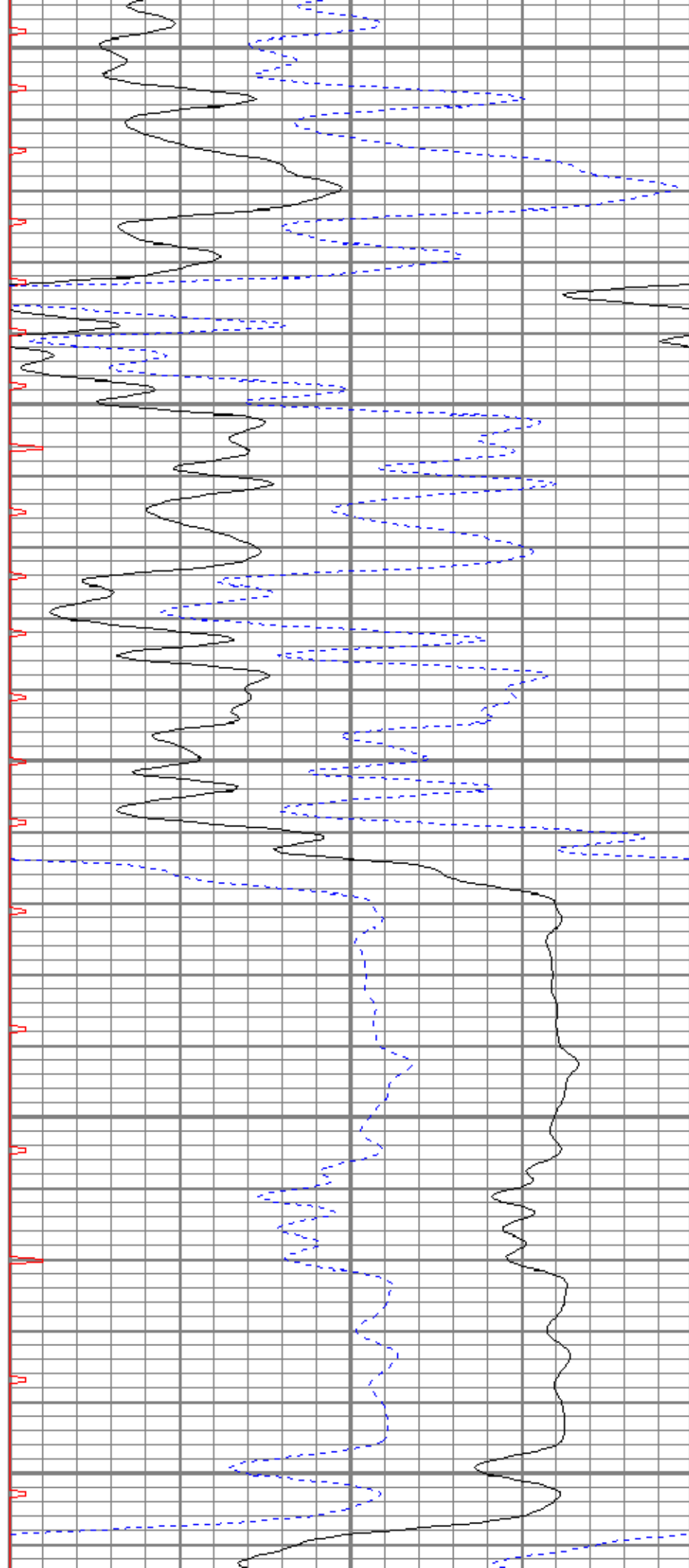
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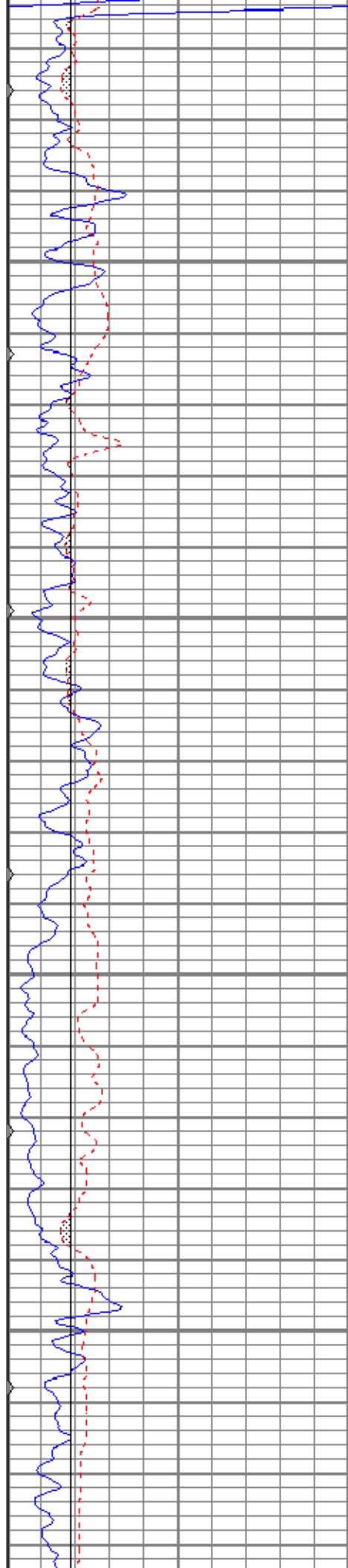
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2350

2400

2450



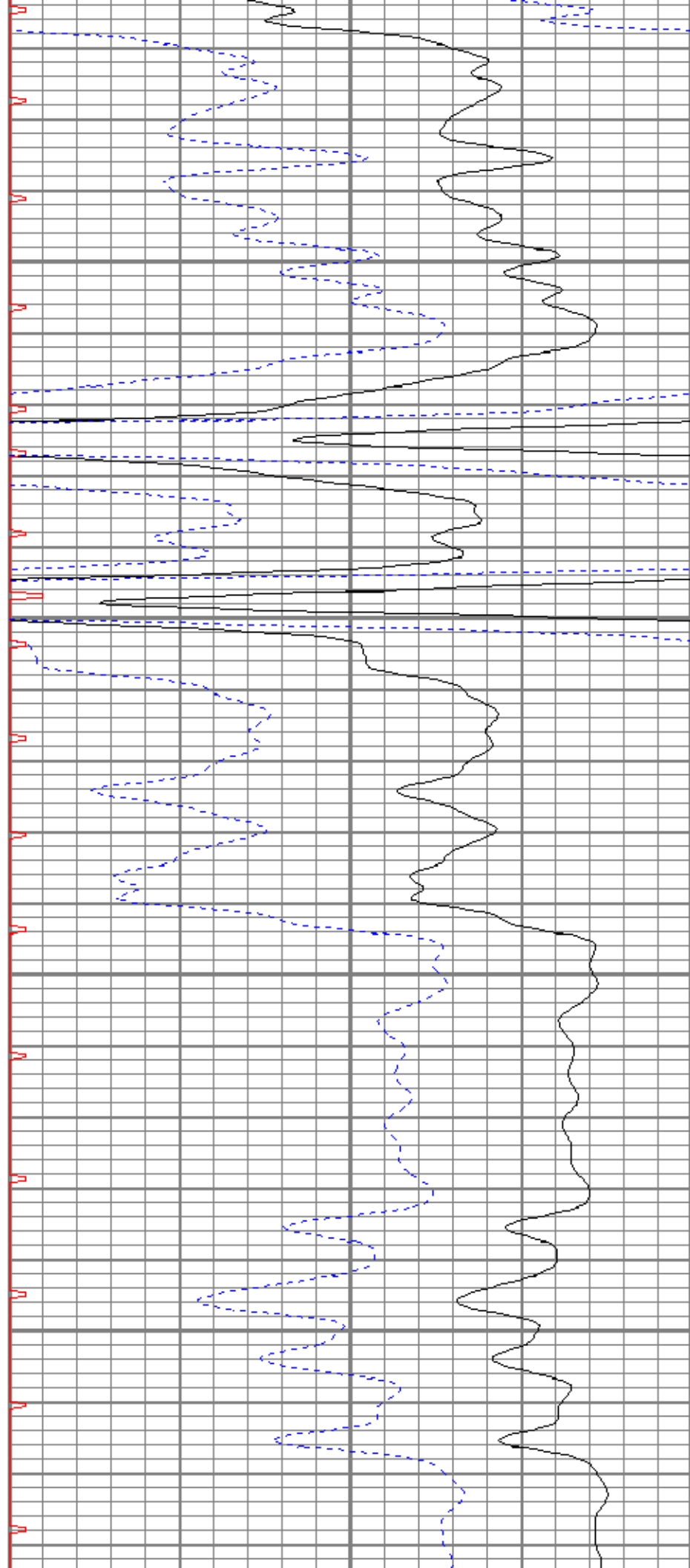


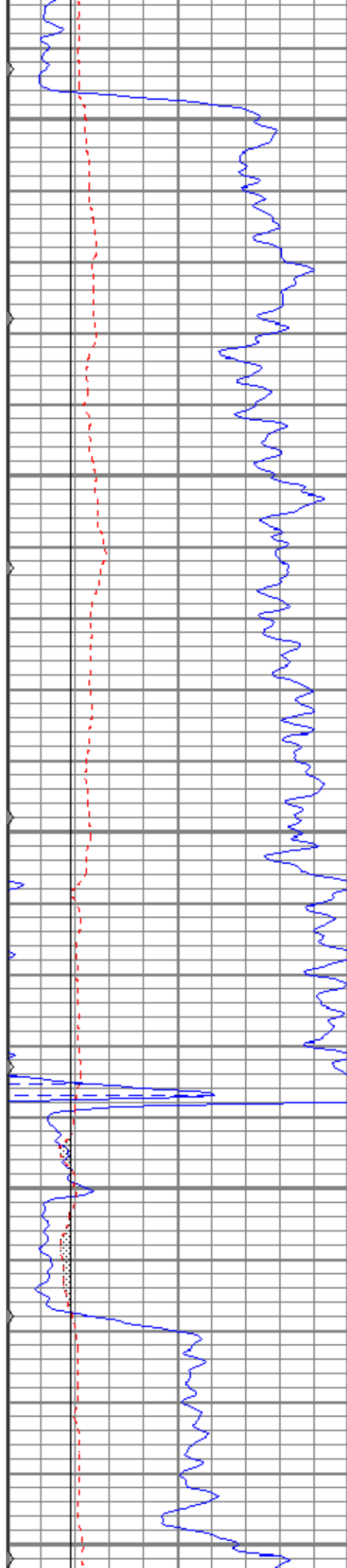
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2550

2600

2650





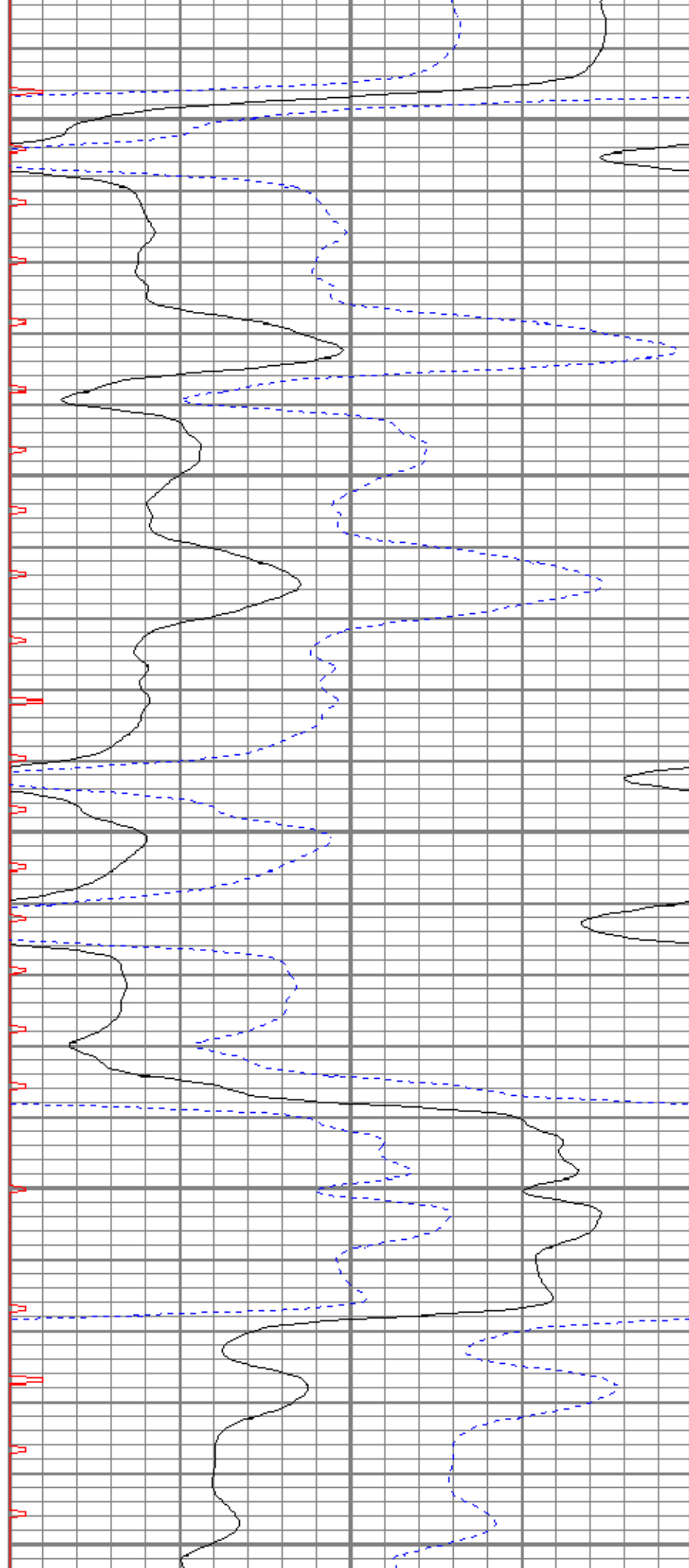
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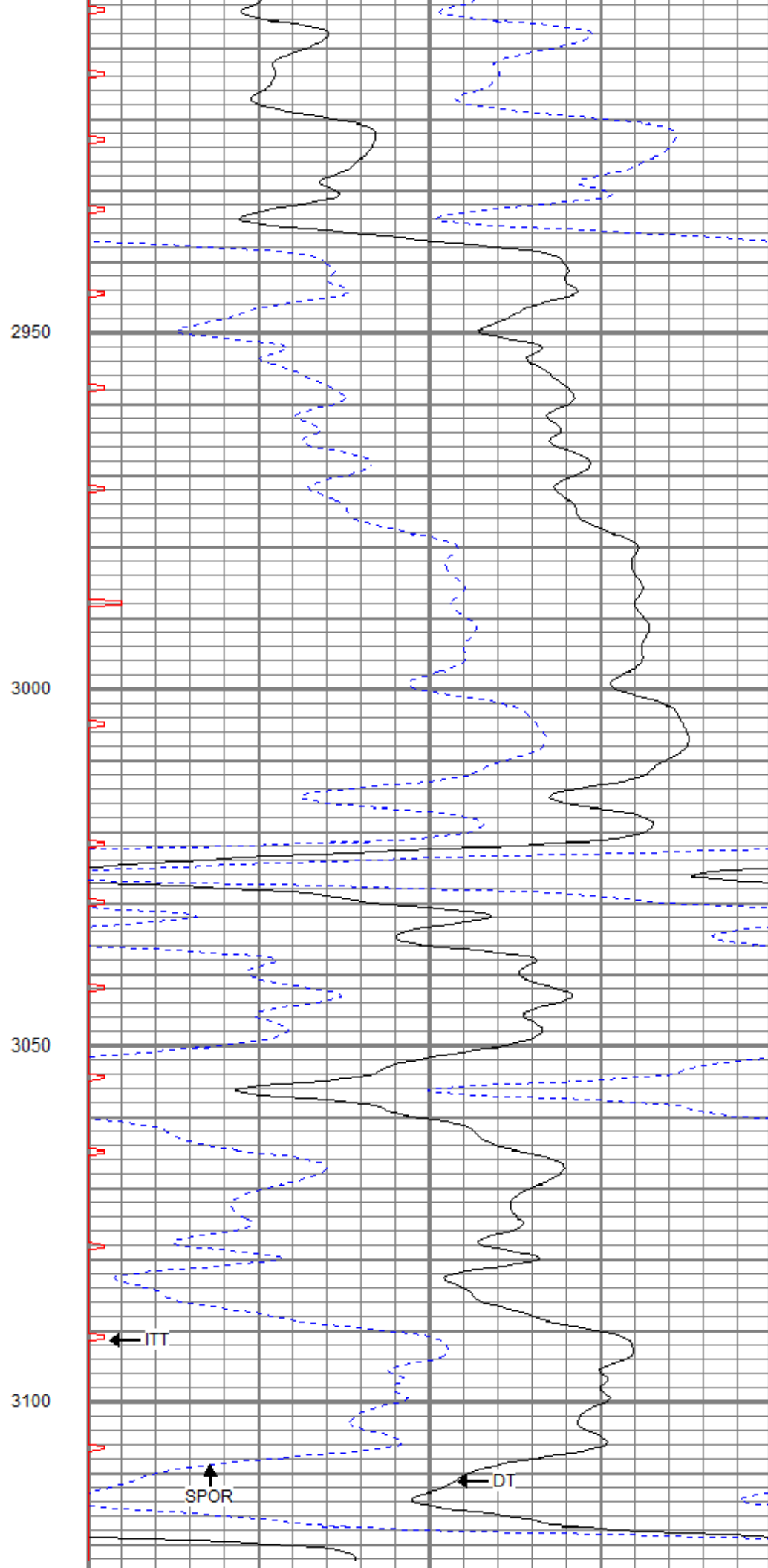
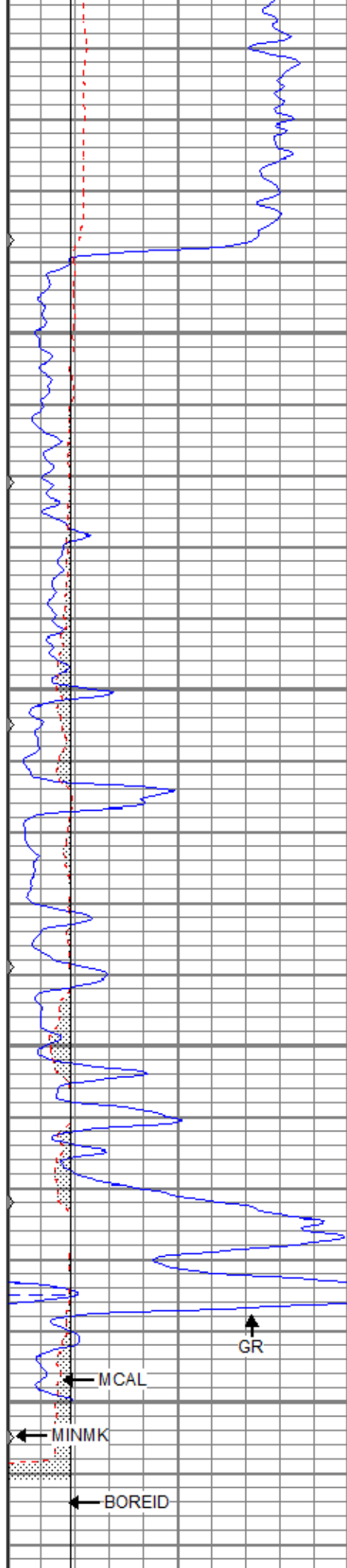
2750

2800

2850

2900





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6	MCAL (in)	16
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0	MINMK	50

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0	ITT (msec)	20

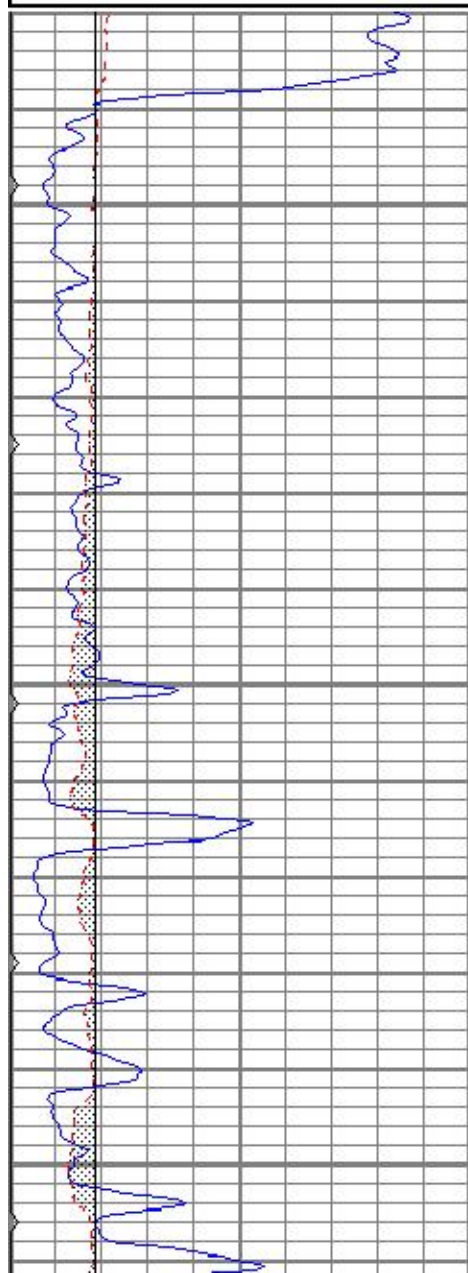


REPEAT SECTION

Database File joffinney1oh.db
Dataset Pathname pass3.1
Presentation Format kbcs
Dataset Creation Tue May 01 02:46:48 2018
Charted by Depth in Feet scaled 1:240

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6	BOREID (in)	16
0	MINMK	50

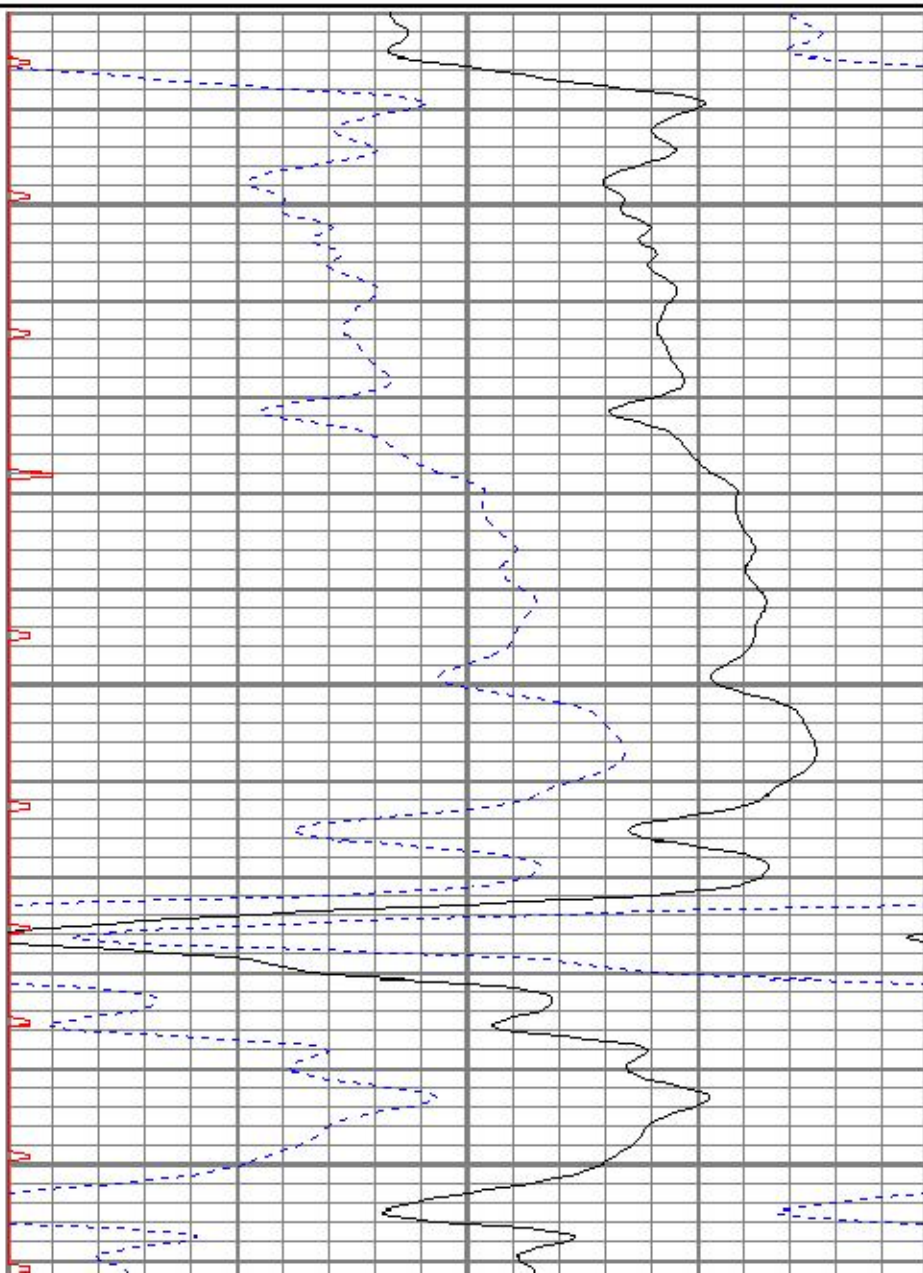
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30	SPOR (pu)	-10
0	ITT (msec)	20

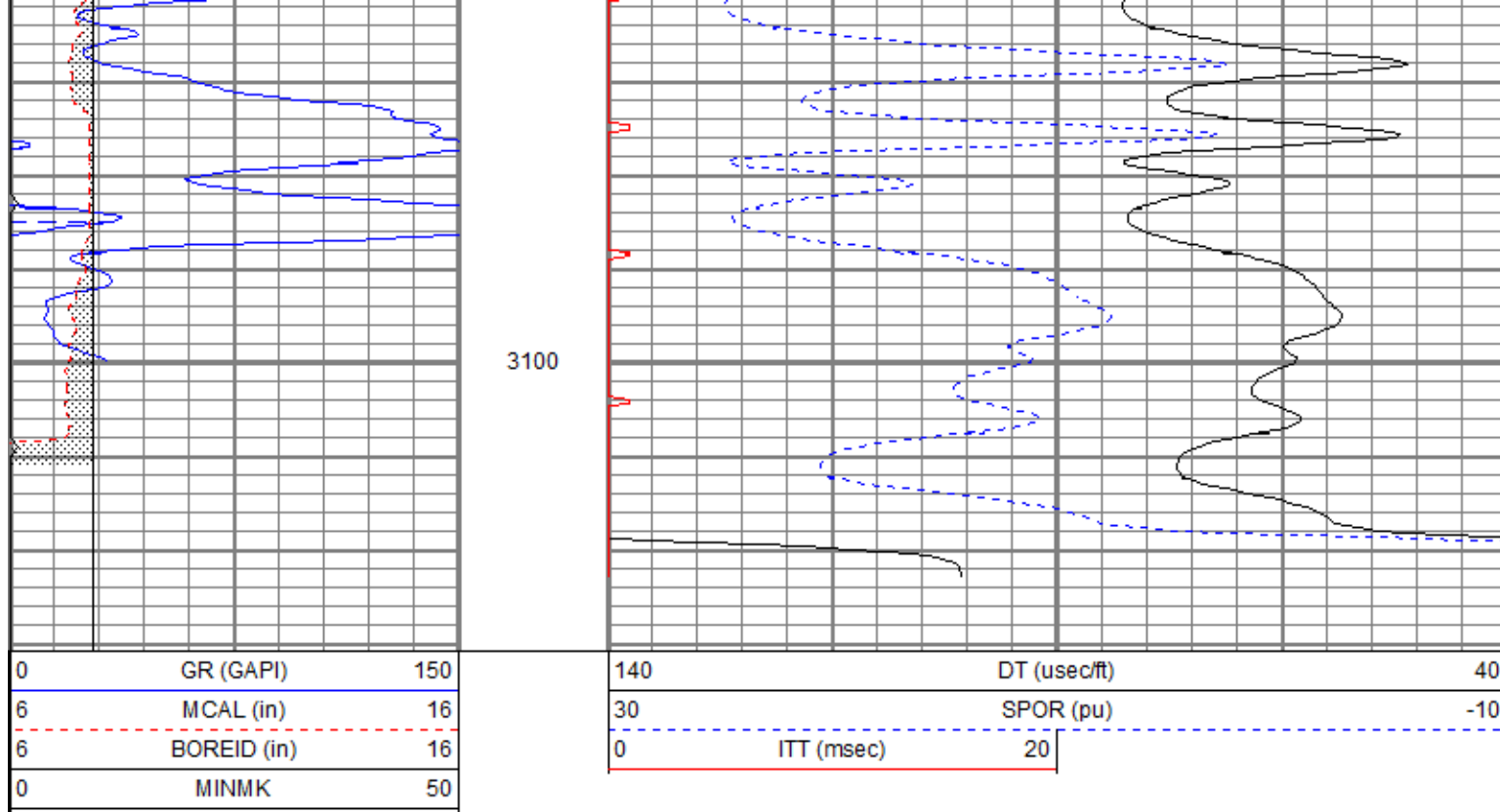


2950

3000

3050





Calibration Report								
Database File	joffinney1oh.db							
Dataset Pathname	pass4							
Dataset Creation	Tue May 01 02:39:55 2018							
Microlog Calibration Report								
Serial-Model:			1600-Pengo					
Performed:			Tue May 01 02:24:56 2018					
Readings				References			Results	
	Zero	Cal		Zero	Cal		m	b
Normal	-0.0002	0.5851	V	0.0000	10.0000	Ohm-m	17.0333	0.0040
Inverse	0.0015	0.7611	V	0.0000	9.5000	Ohm-m	12.5070	-0.0186
Caliper	1.3663	2.2079	V	6.7500	14.5000	in	9.2080	-5.8306
Gamma Ray Calibration Report								
Serial Number:			2000					
Tool Model:			P2000					
Performed:			Sun Feb 18 09:53:39 2018					
Calibrator Value:			1.0		GAPI			
Background Reading:			0.0		cps			
Calibrator Reading:			1.0		cps			
Sensitivity:			0.6000		GAPI/cps			

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	28.59		CHD-STD	0.50	1.69	1.00
			GR-P2000 (2000)	3.67	3.25	40.00
			ML-Pengo (1600)	6.97	3.50	100.00
MCAL	21.51					
MI	21.51					
MN	21.51					
SUT-G	11.05		SUT-G (372)	15.71	3.50	250.00

WVF4	14.25		 CENT-OH (S/Z) Sonic	15.71	3.50	250.00
WVF3	13.25					
WVF2	10.25					
WVF1	9.25		 CENT-OH long Open Hole long Centralizer	4.50	3.50	50.00
Dataset: joffinney1oh.db: field/well/run1/pass4 Total length: 31.34 ft Total weight: 441.00 lb O.D.: 3.50 in						