



**BOREHOLE
COMPENSATED
SONIC
LOG**

Company Taos Resources Operating Company LLC
Well Webber # 34-2
Field Maddix North
County Cowley
State Kansas

Company Taos Resources Operating Company LLC
Well Webber # 34-2
Field Maddix North
County Cowley State Kansas

Location: API #: 15 035 24662
361' FNL & 1692' FWL
SEC 34 TWP 32S RGE 5E
Permanent Datum Ground Level Elevation 1290'
Log Measured From KB 5' AGL
Drilling Measured From KB
Other Services
CDNL
DIL
ML
Elevation
K.B. 1295'
D.F. 1294'
G.L. 1290'

Date	12-11-16		
Run Number	Two		
Depth Driller	3552'		
Depth Logger	3547'		
Bottom Logged Interval	3537'		
Top Log Interval	300'		
Casing Driller	8 5/8" @ 259'		
Casing Logger	259'		
Bit Size	7 7/8"		
Type Fluid in Hole	Chemical		
Density / Viscosity	9.4/45		
pH / Fluid Loss	9.5/8.8		
Source of Sample	Pit		
Rm @ Meas. Temp	1.95@85degf		
Rmf @ Meas. Temp	1.56@85degf		
Rmc @ Meas. Temp	2.5@85degf		
Source of Rmf / Rmc	Calculated		
Rm @ BHT	1.49@111degf		
Time Circulation Stopped	6:30 p.m.		
Time Logger on Bottom	10:00 p.m.		
Maximum Recorded Temperature	106degf		
Equipment Number	T127		
Location	Hays, KS		
Recorded By	L. Smith		
Witnessed By	Mr. Mike Pressnall	Mr. Keith Fite	Mr. Ray Dorothy

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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., 1 south, 1/2 east, south into

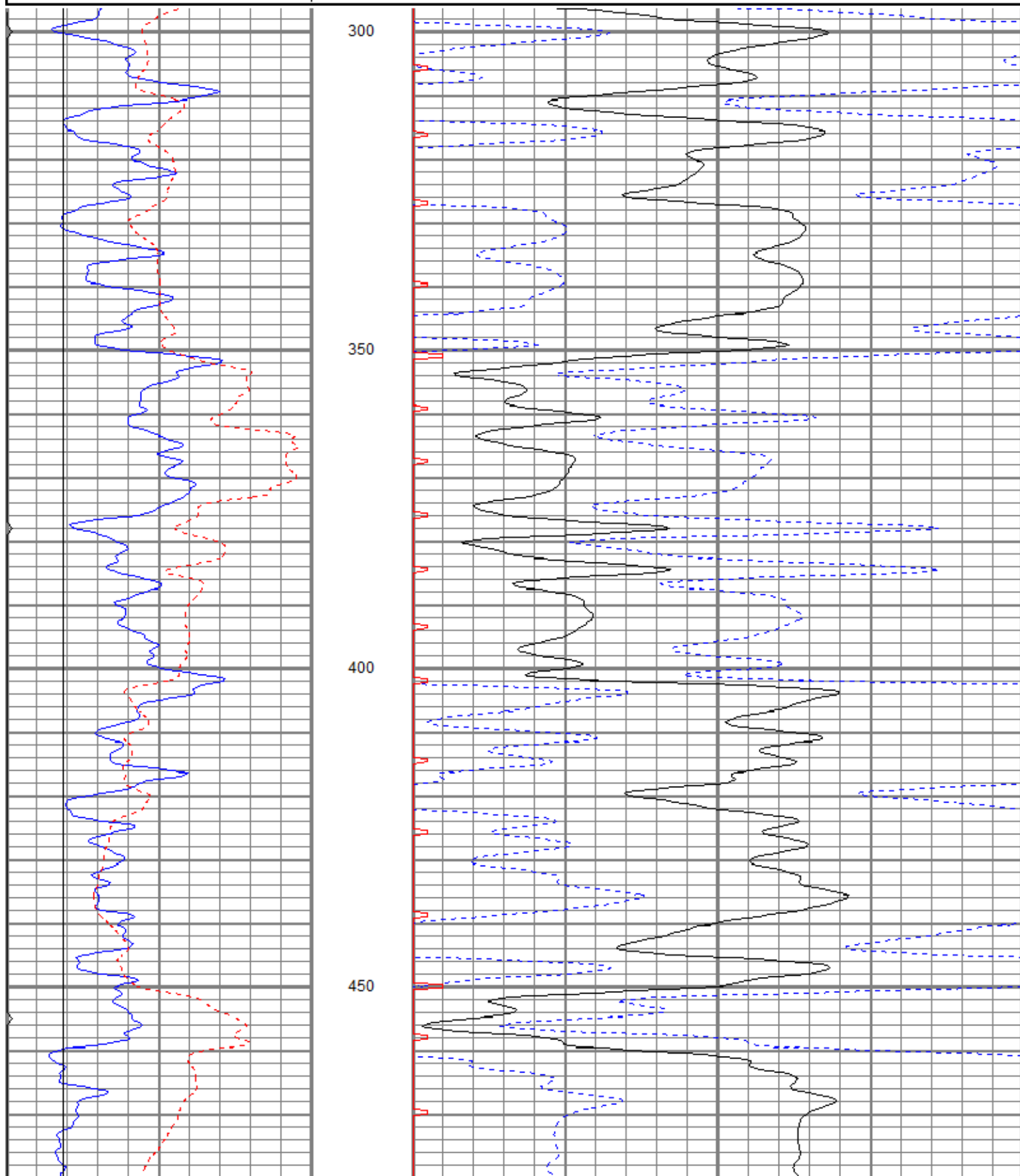


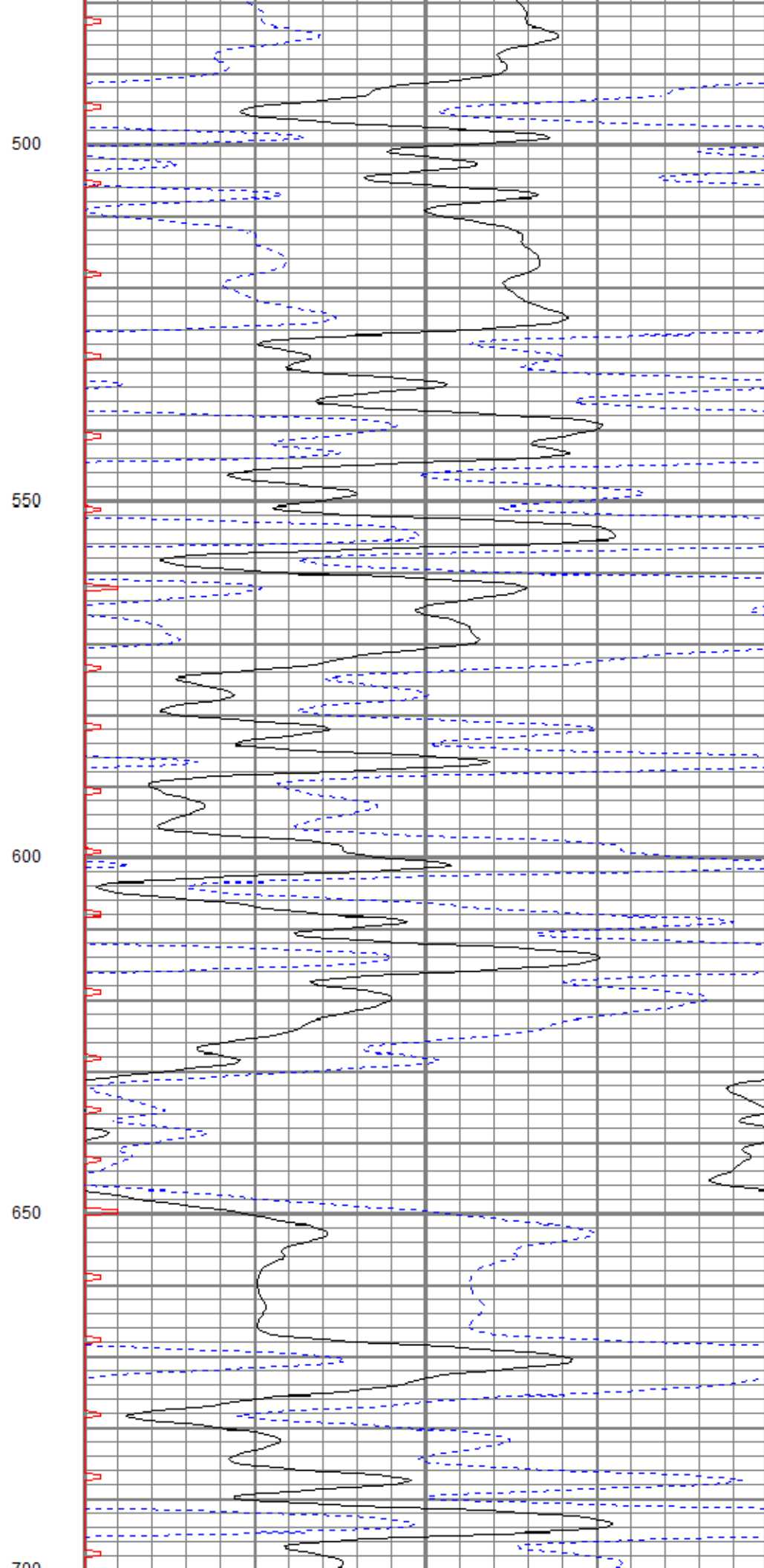
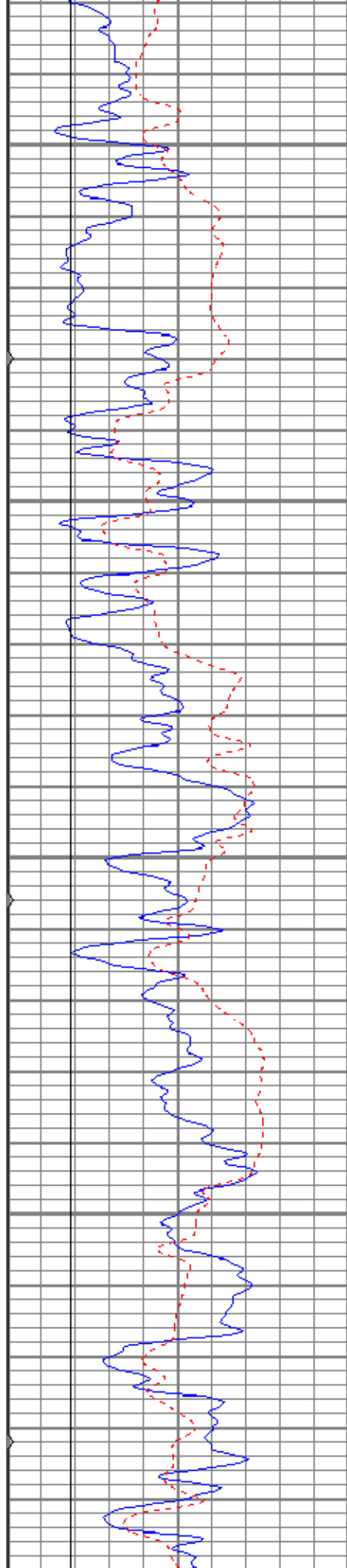
Main Pass

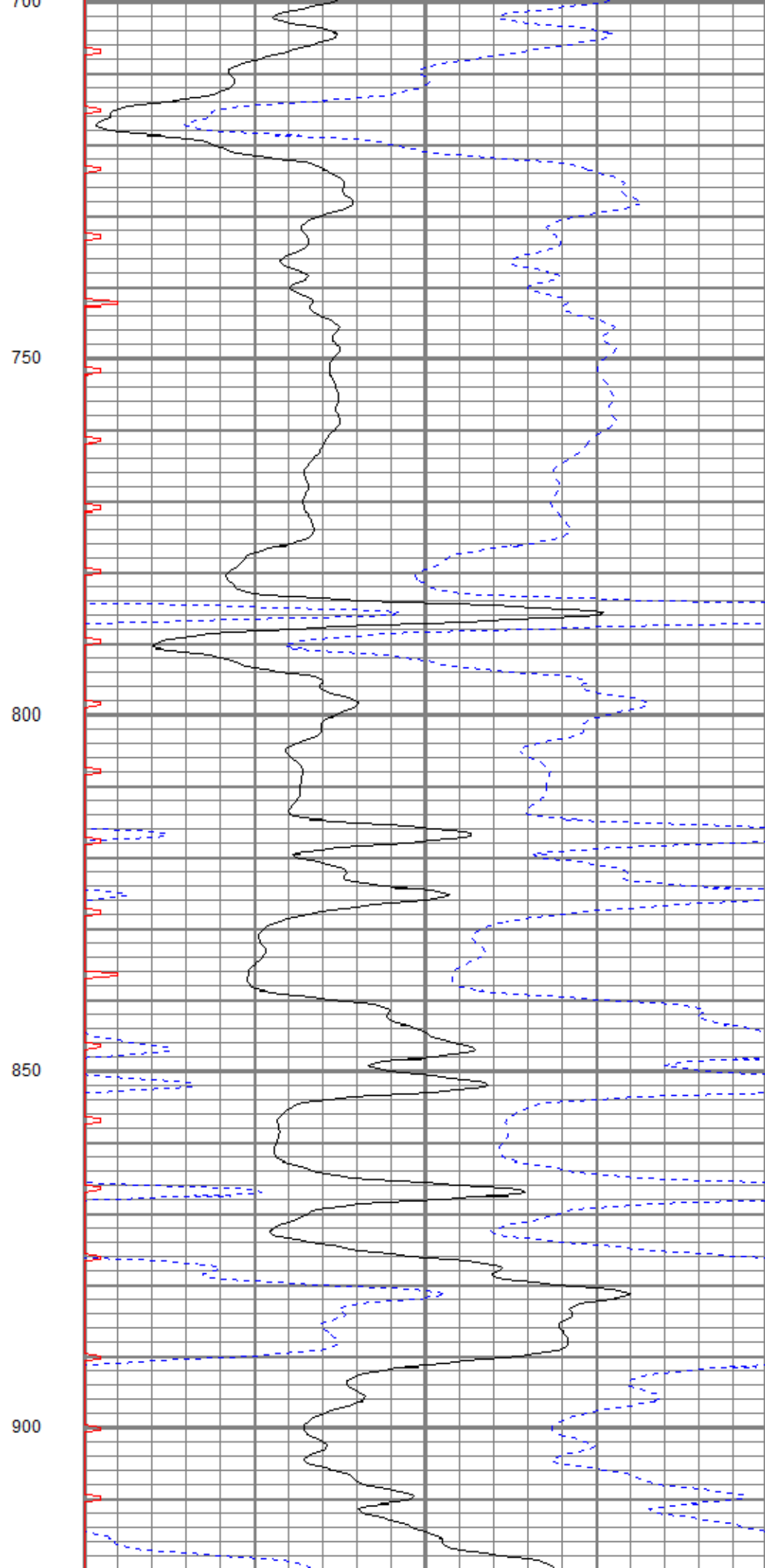
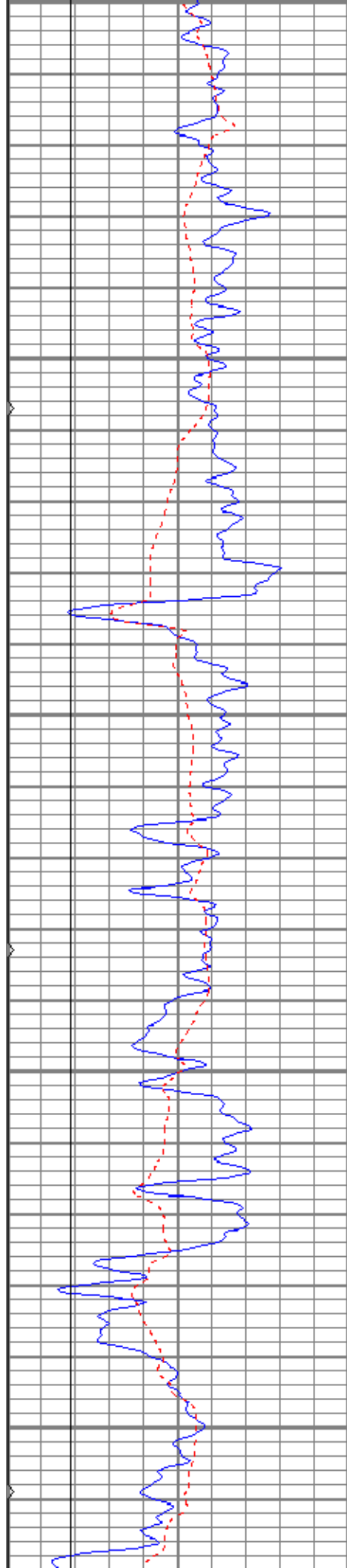
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Dataset Pathname pass4.1
Presentation Format kbcs
Dataset Creation Sun Dec 11 23:57:25 2016
Charted by Depth in Feet scaled 1:240

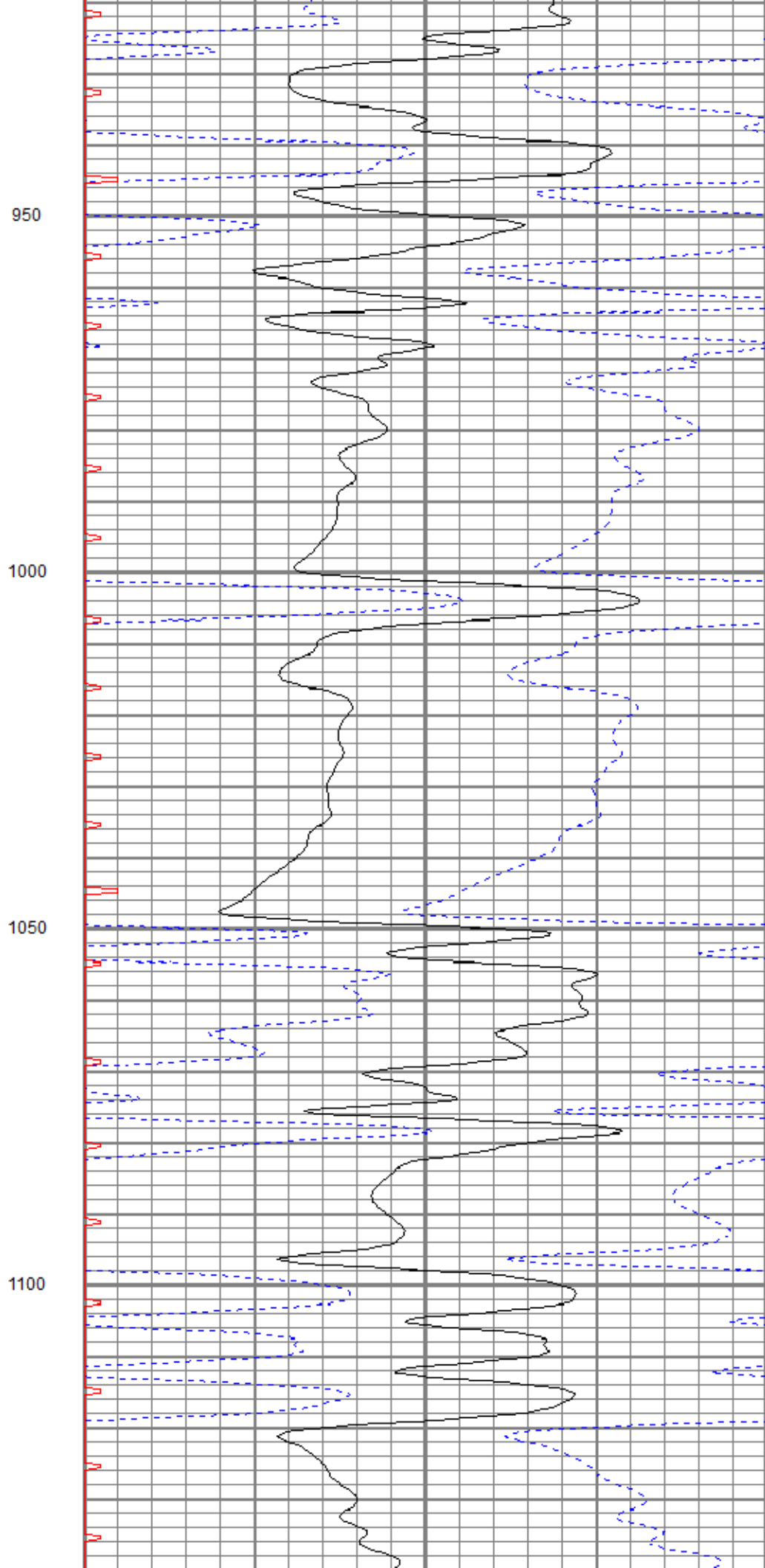
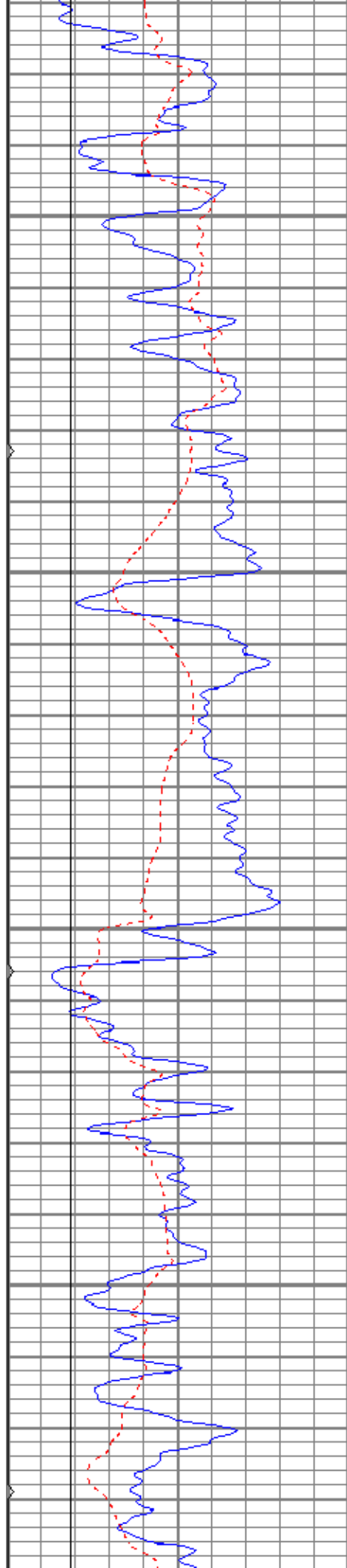
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6	MCAL (in)	16
6	BOREID (in)	16
0	MINMK	50

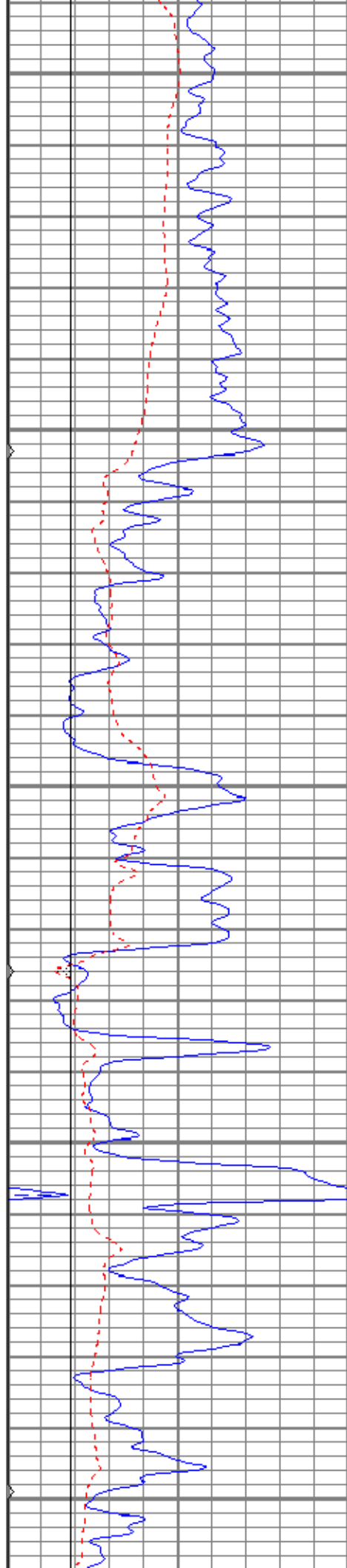
140	DT (usec/ft)	40
30	SPOR (pu)	-10
0	ITT (msec)	20











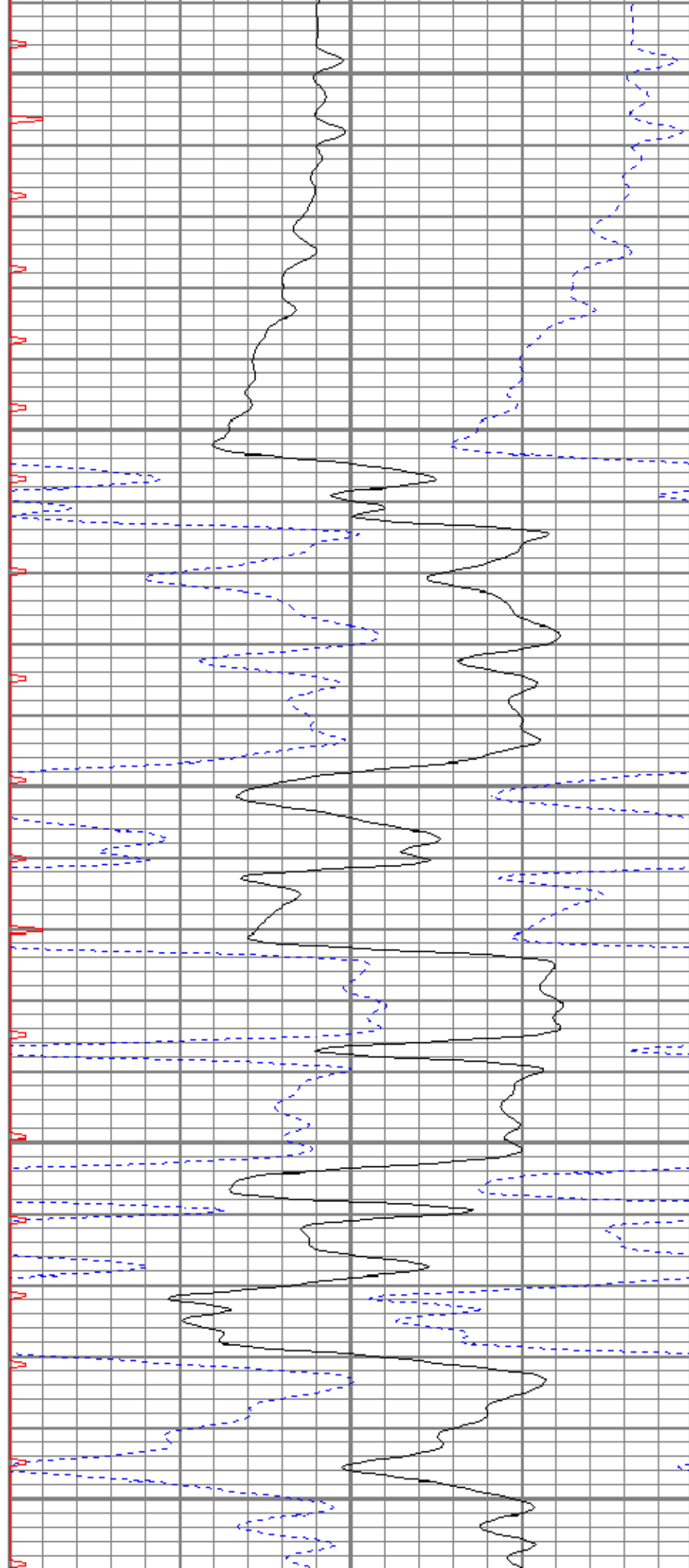
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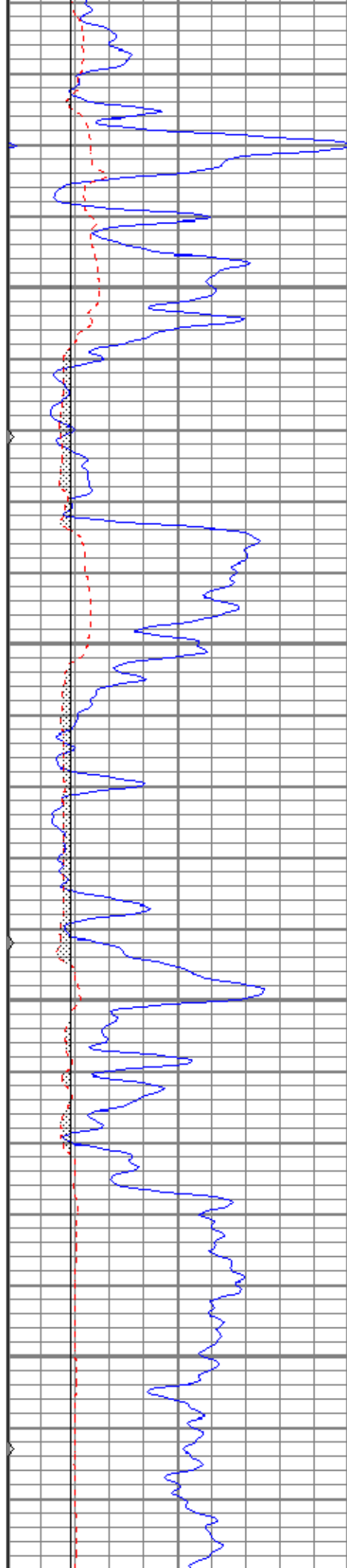
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1250

1300

1350



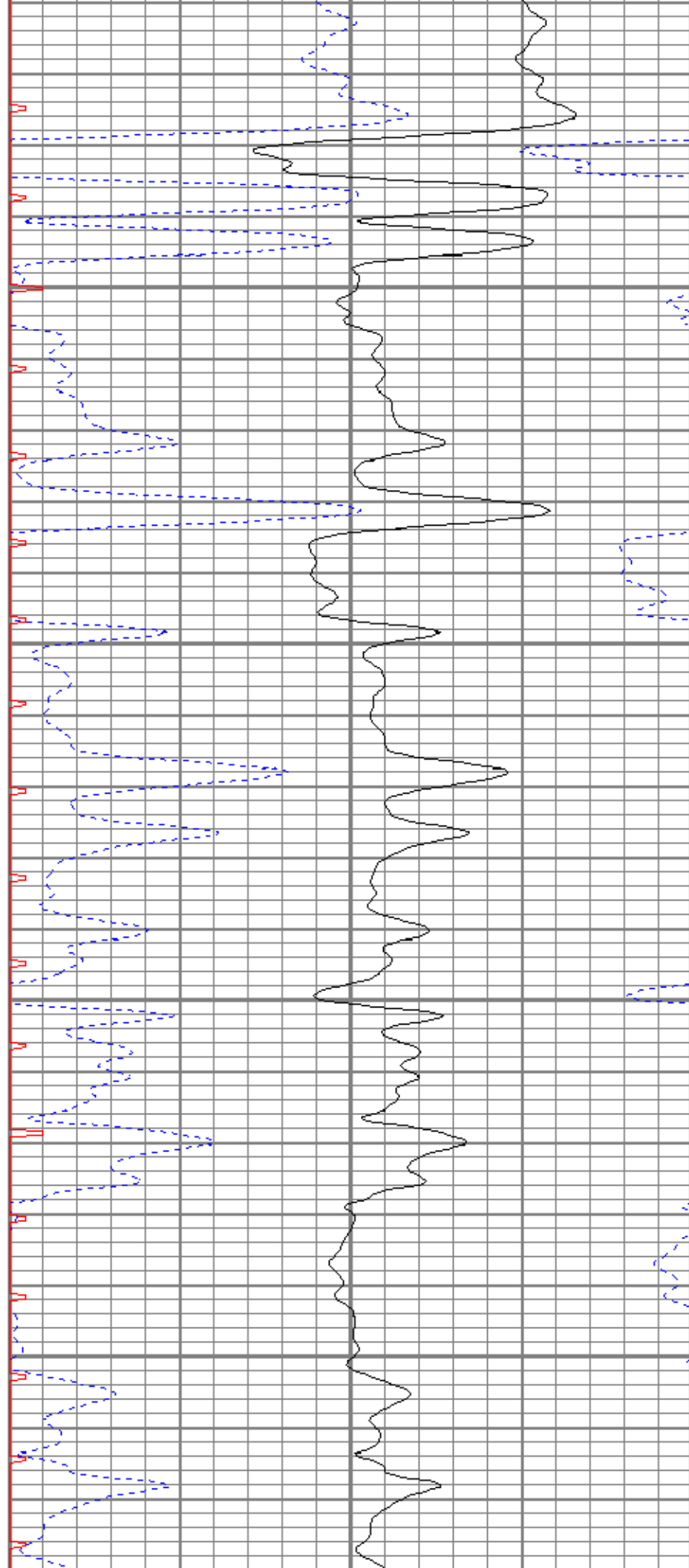


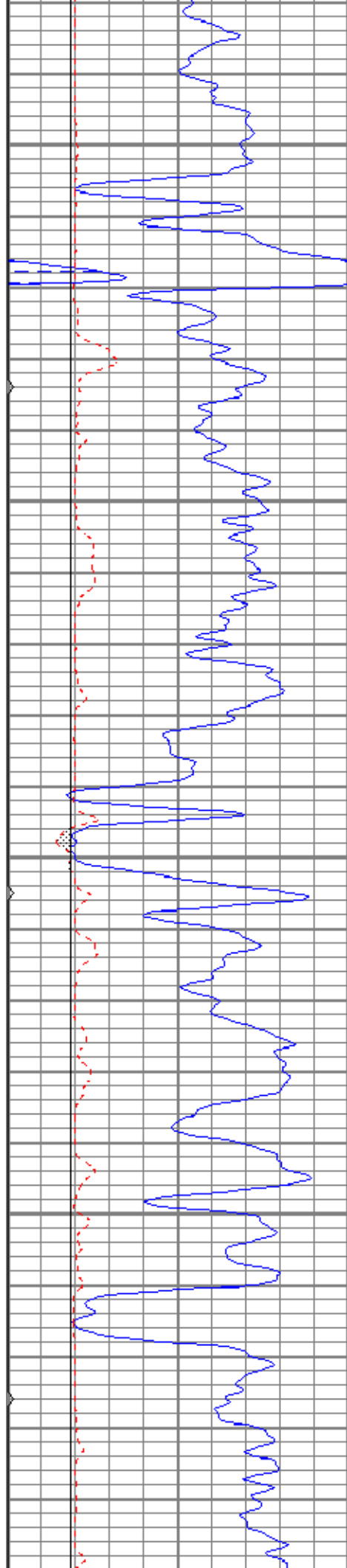
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1450

1500

1550





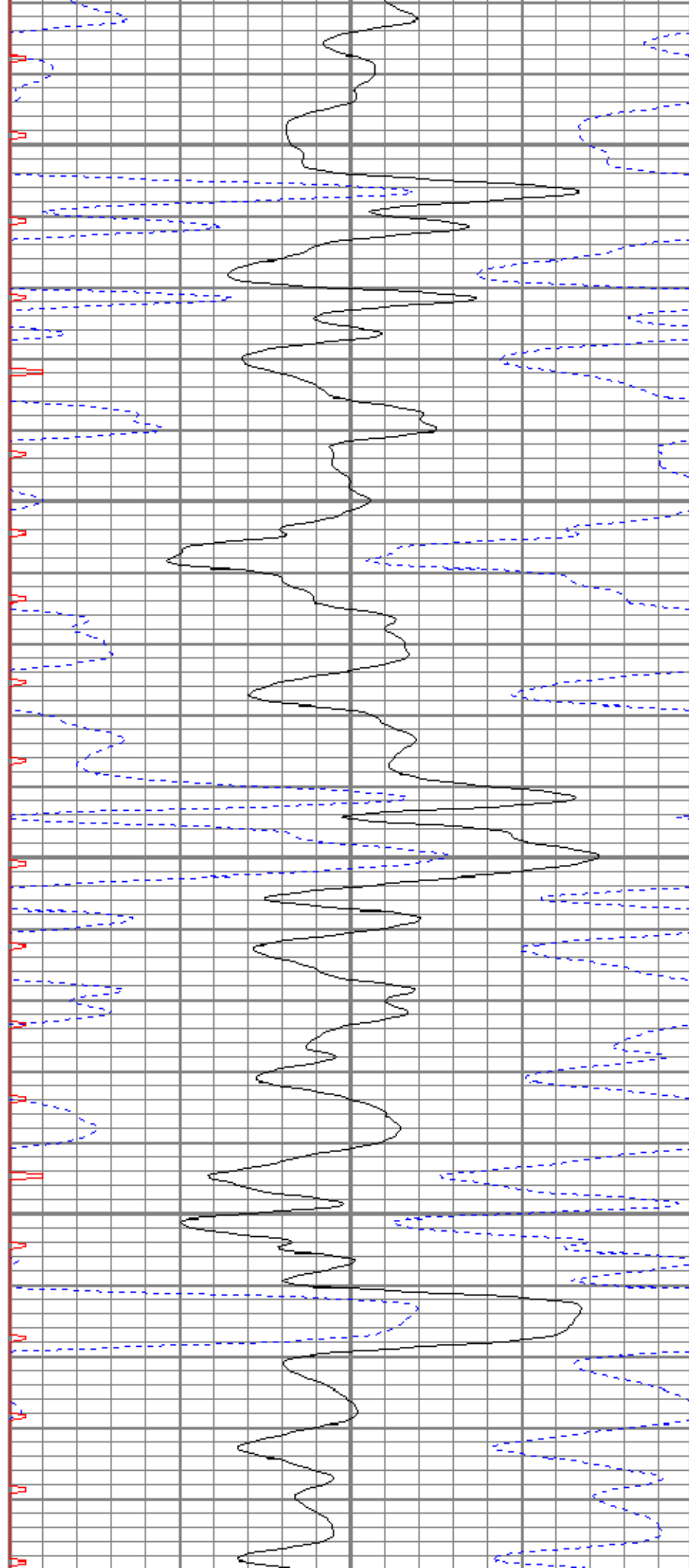
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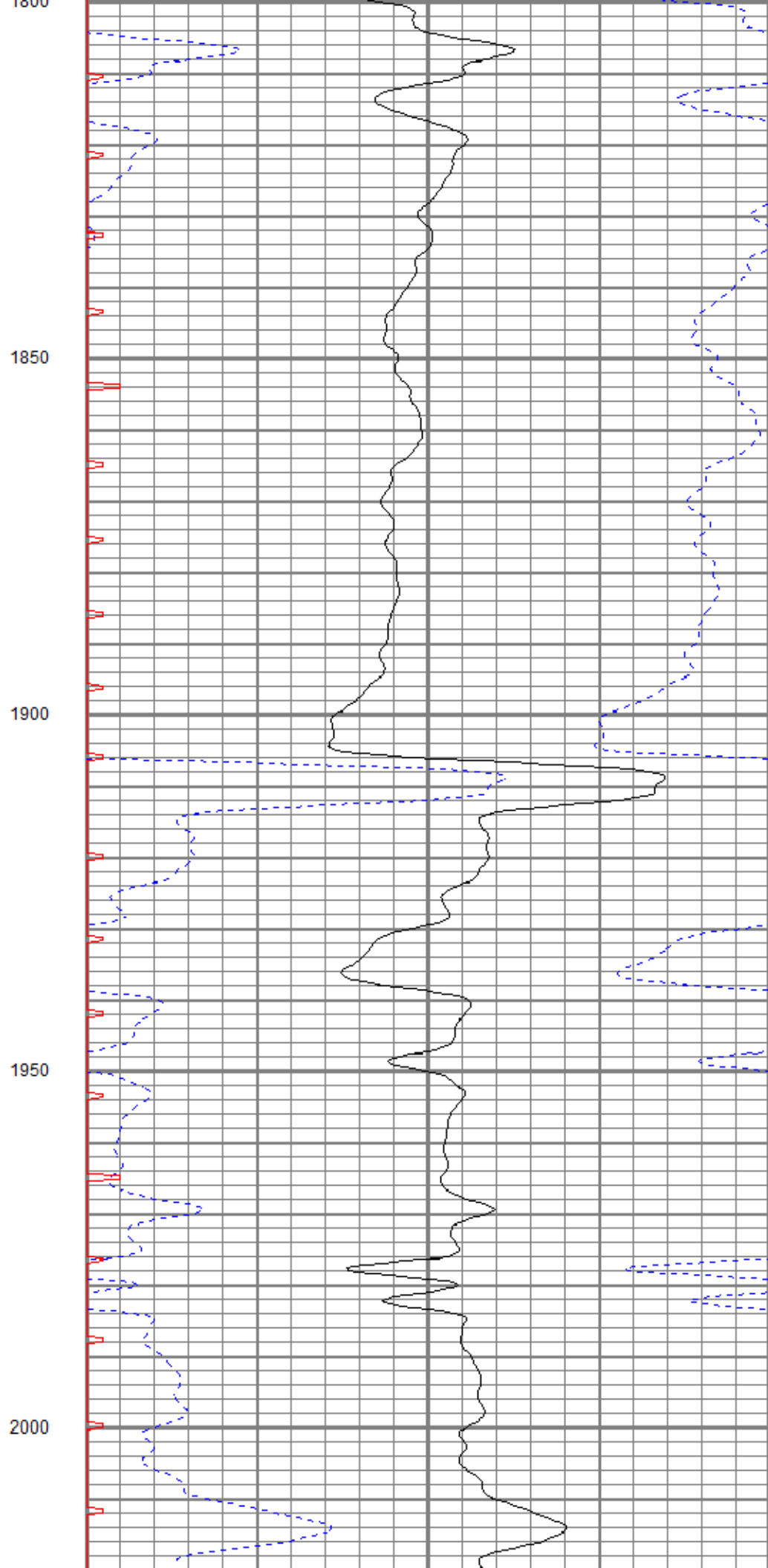
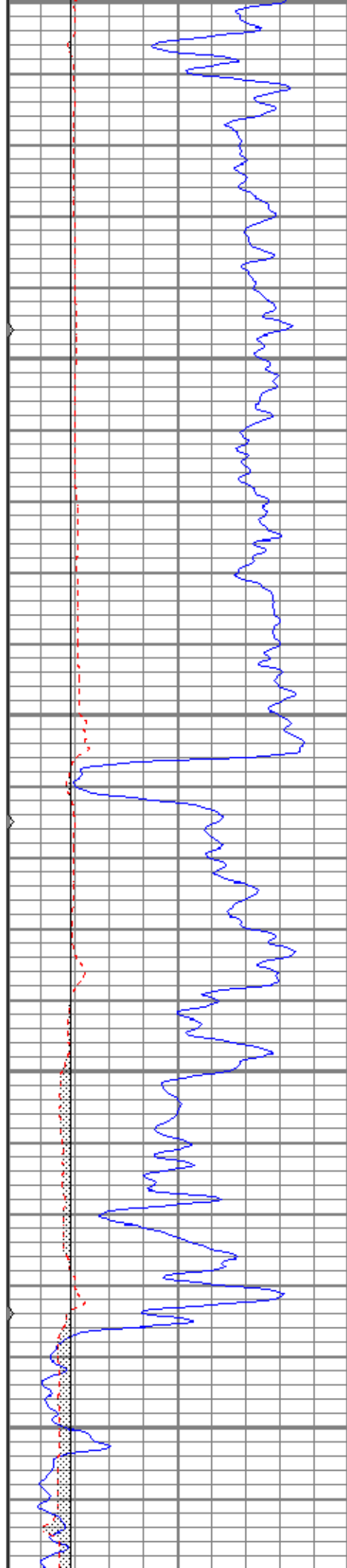
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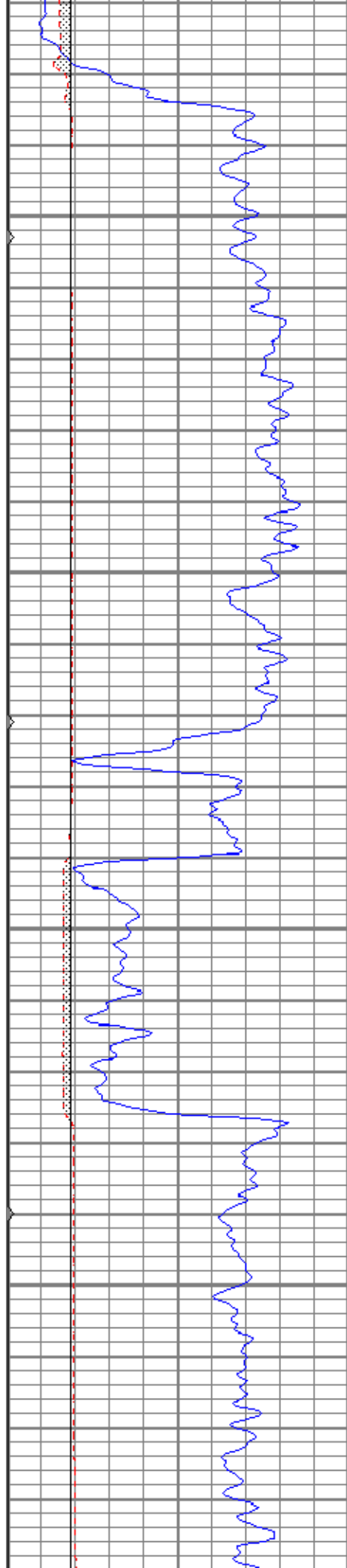
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1750

1800





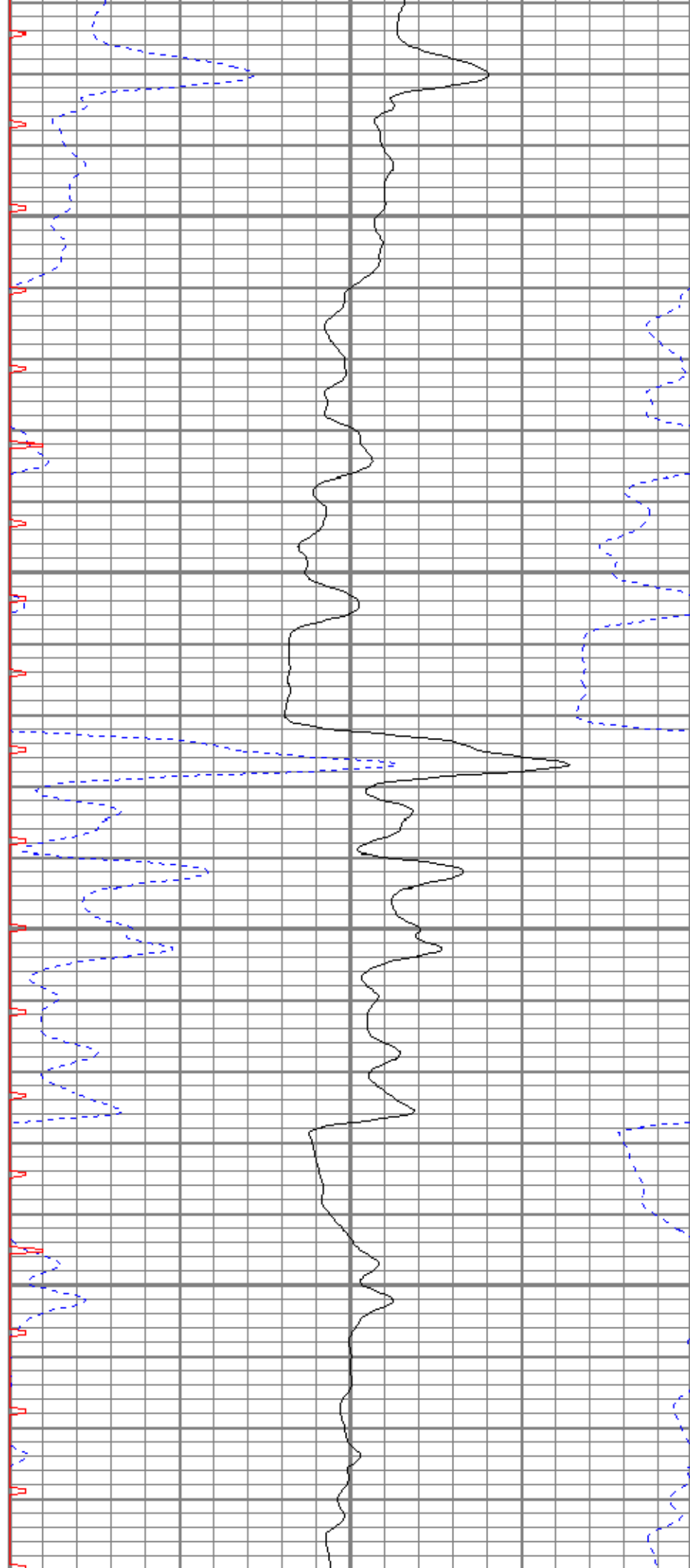


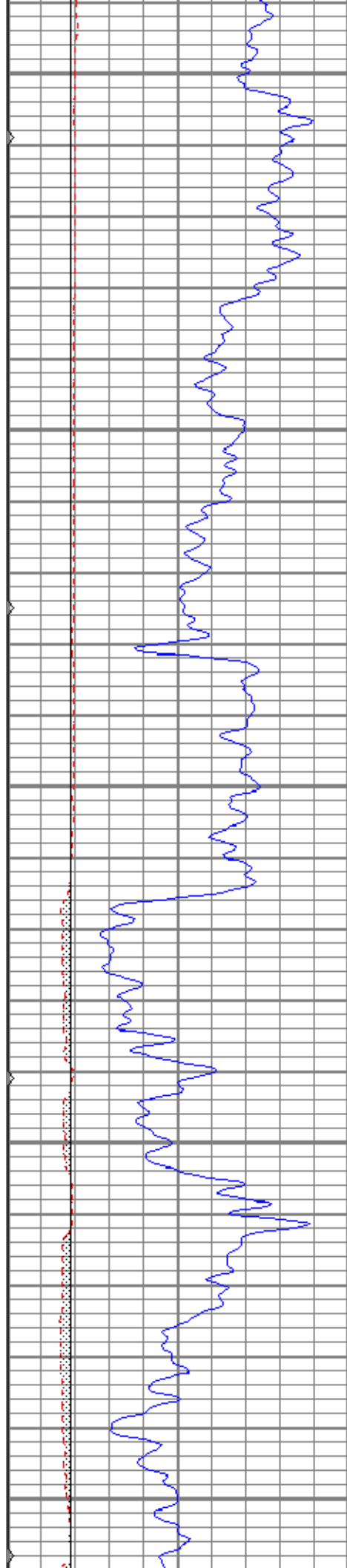
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2100

2150

2200





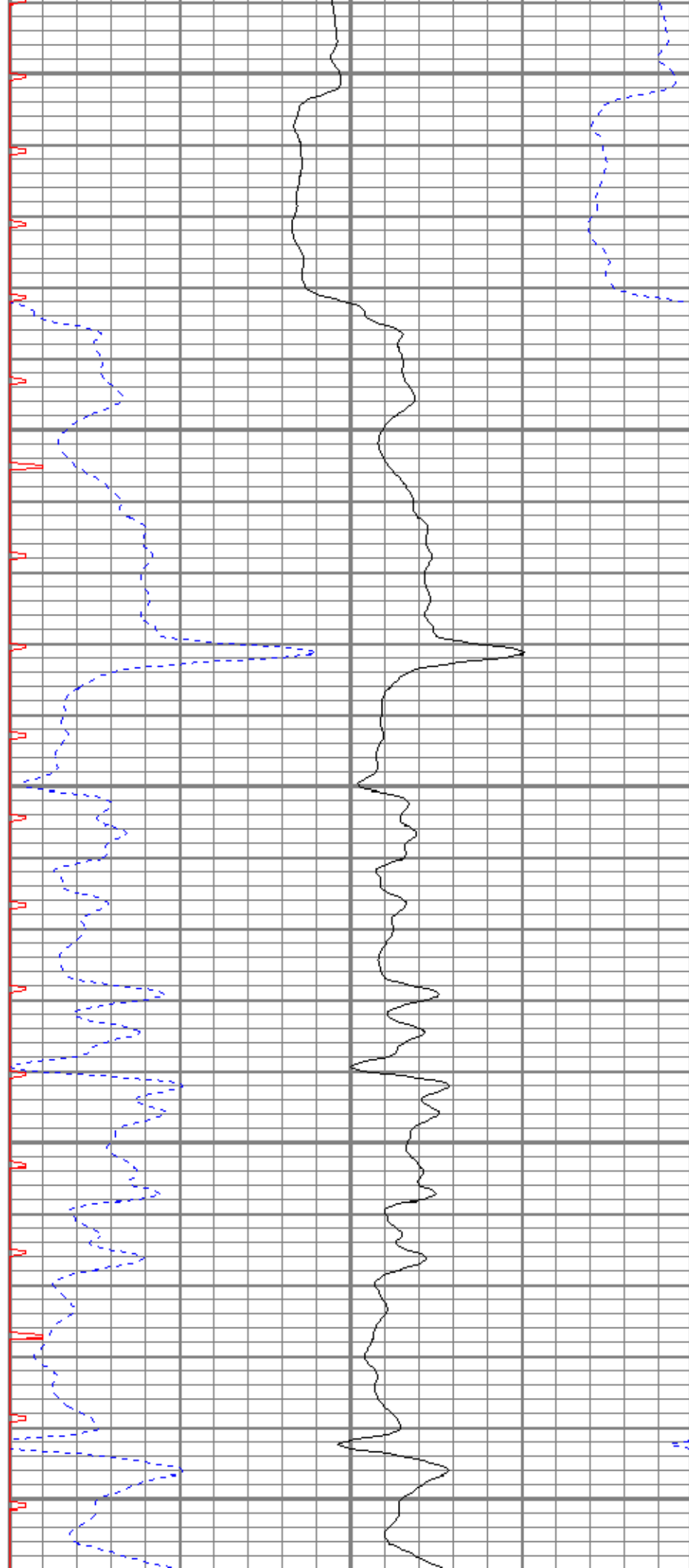
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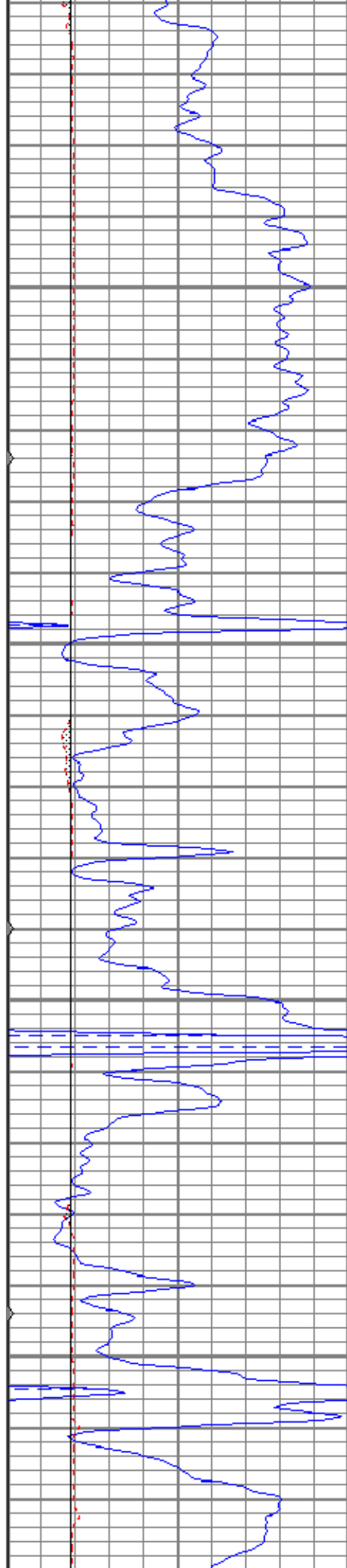
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2350

2400

2450



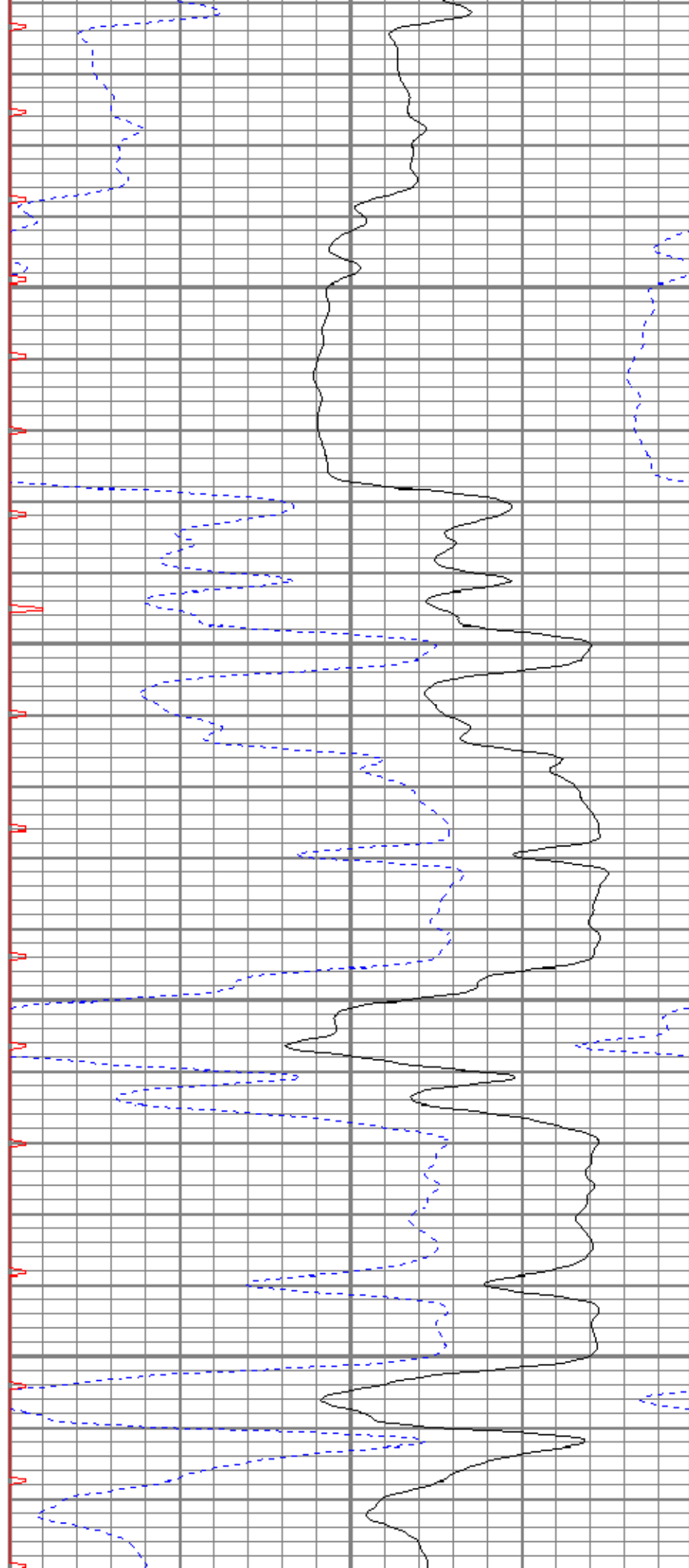


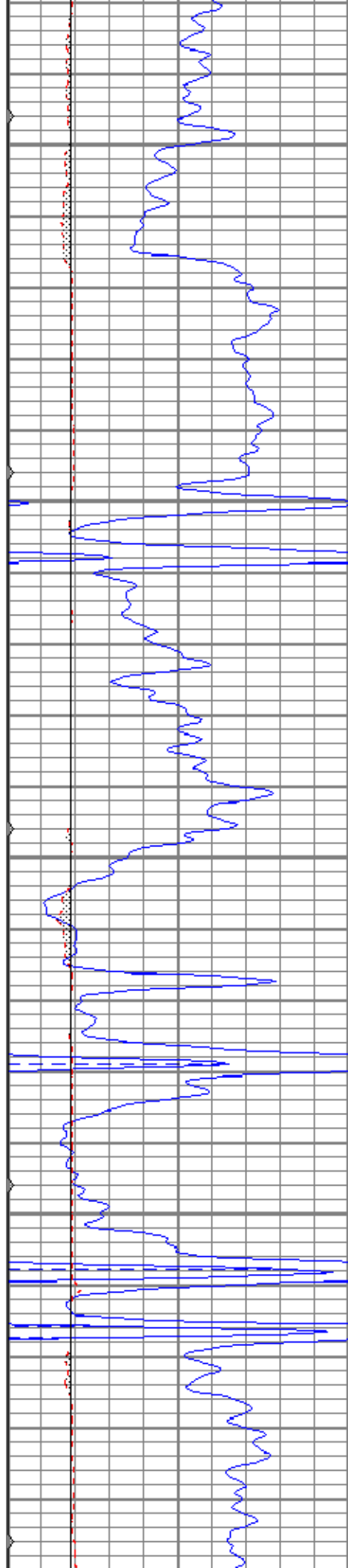
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2550

2600

2650





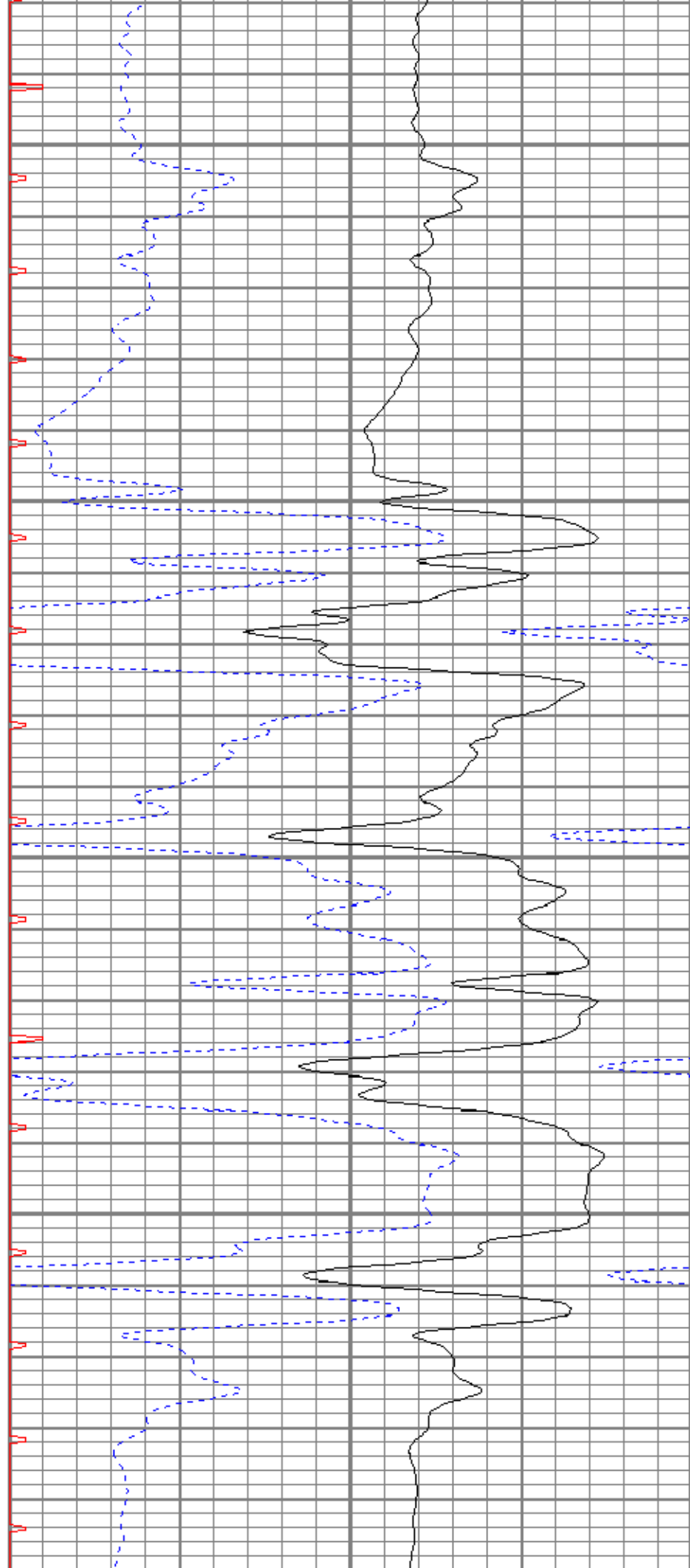
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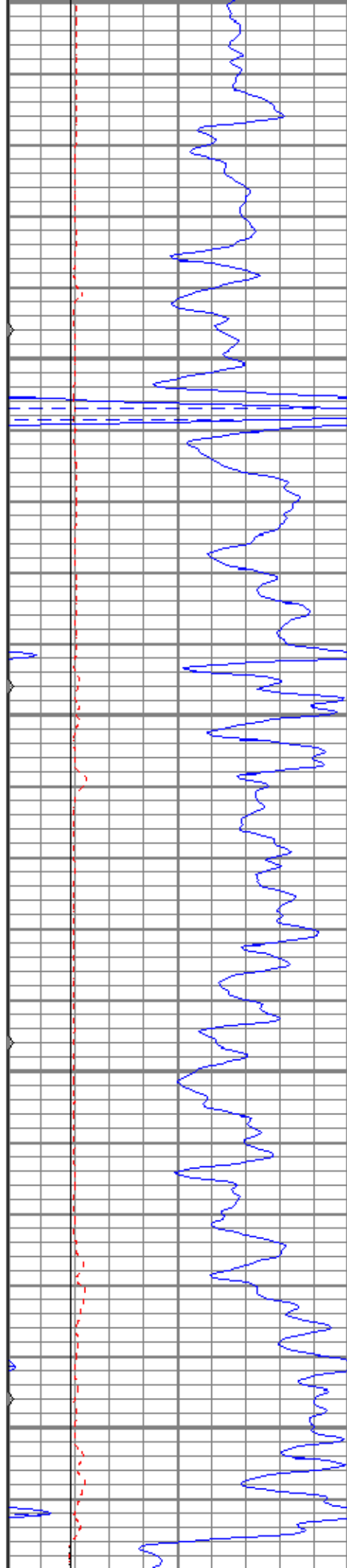
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2800

2850

2900





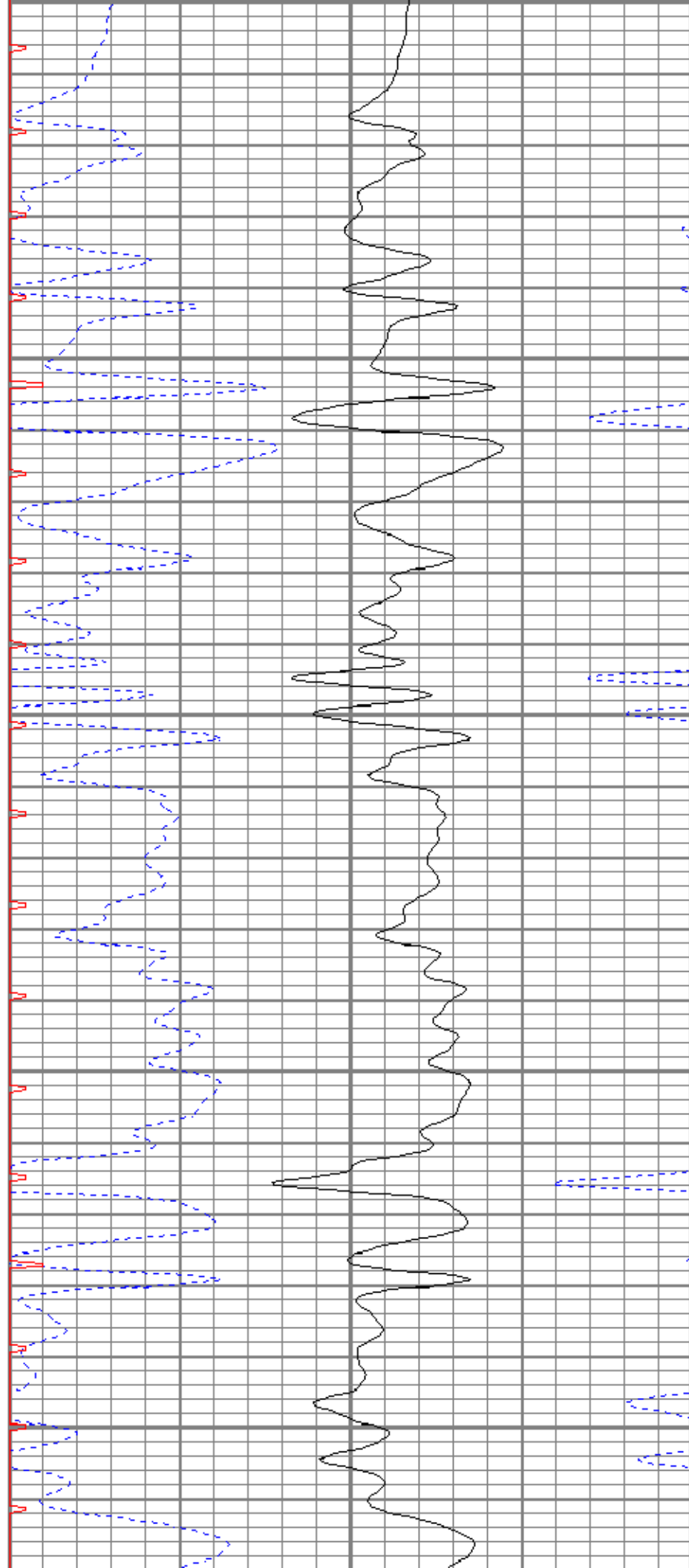
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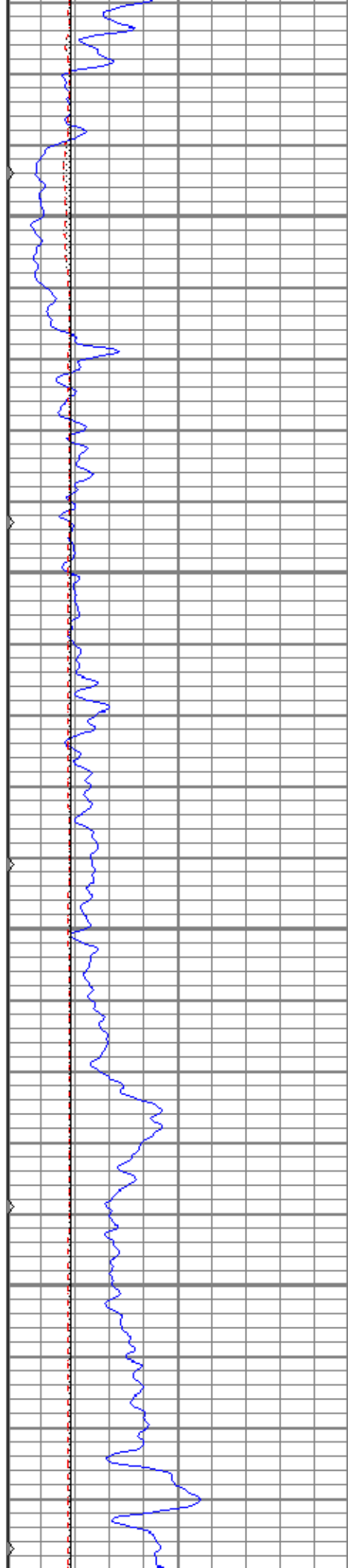
2950

3000

3050

3100



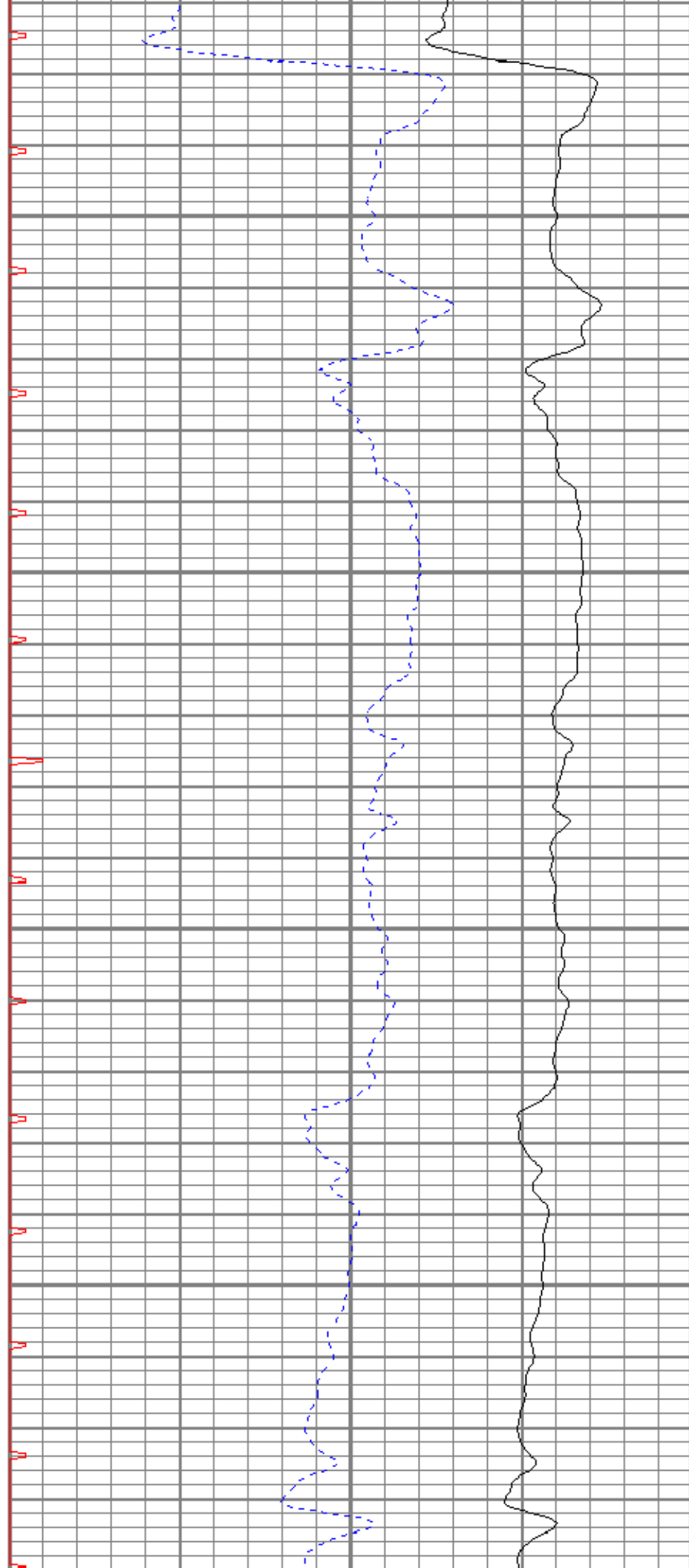


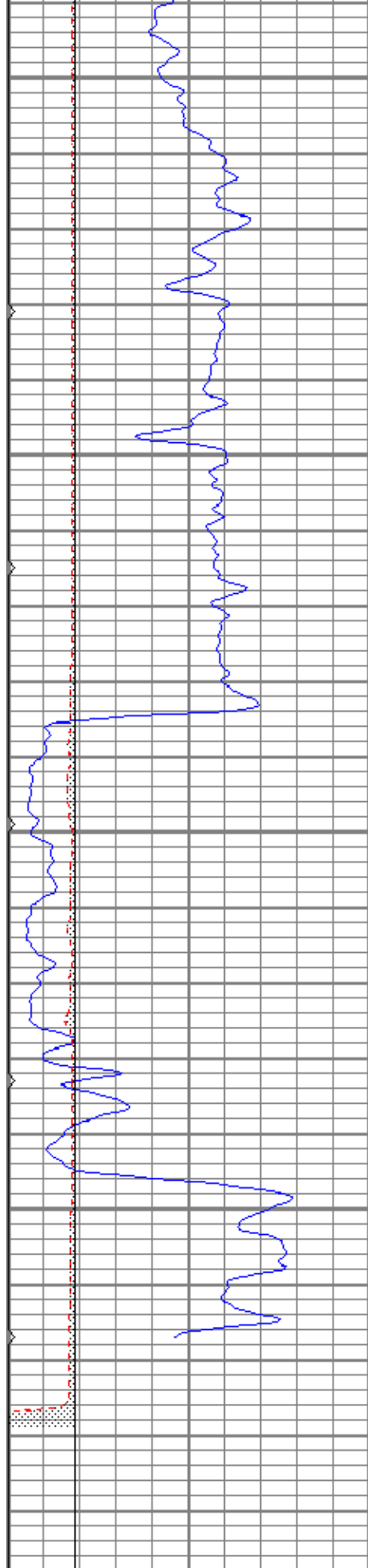
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3200

3250

3300





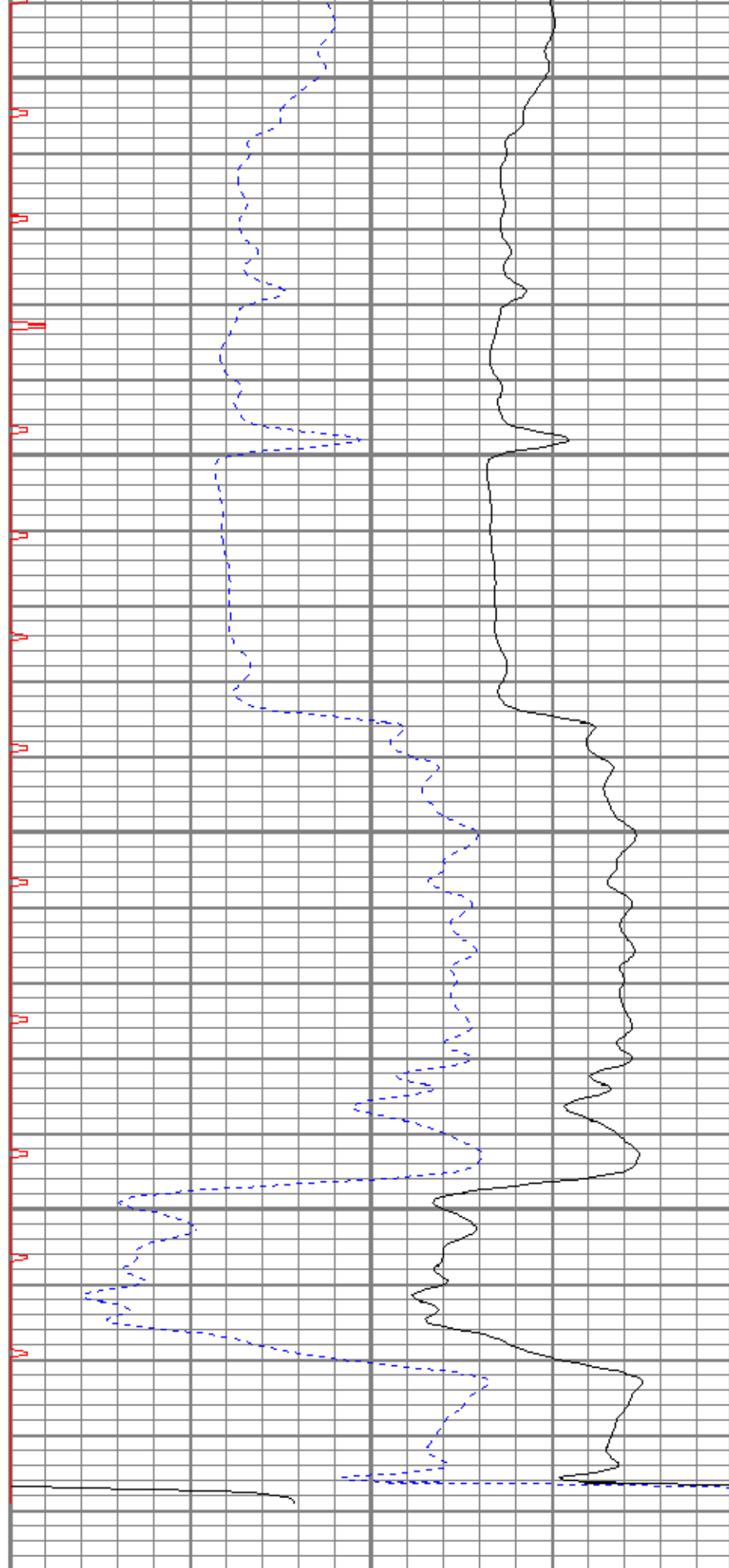
0	GR (GAPI)	150
6	MCAL (in)	16
6	BOREID (in)	16

3350

3400

3450

3500



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

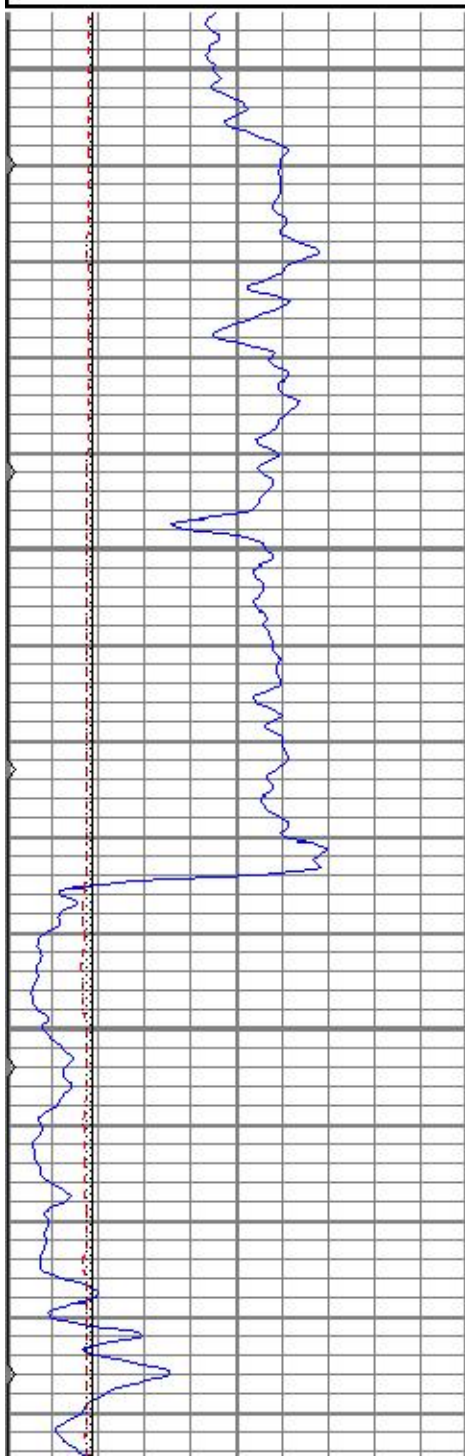


Repeat Pass

Database File taoswebber34-2oh.db
 Dataset Pathname pass3.1
 Presentation Format kbcs
 Dataset Creation Sun Dec 11 23:24:46 2016
 Charted by Depth in Feet scaled 1:240

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

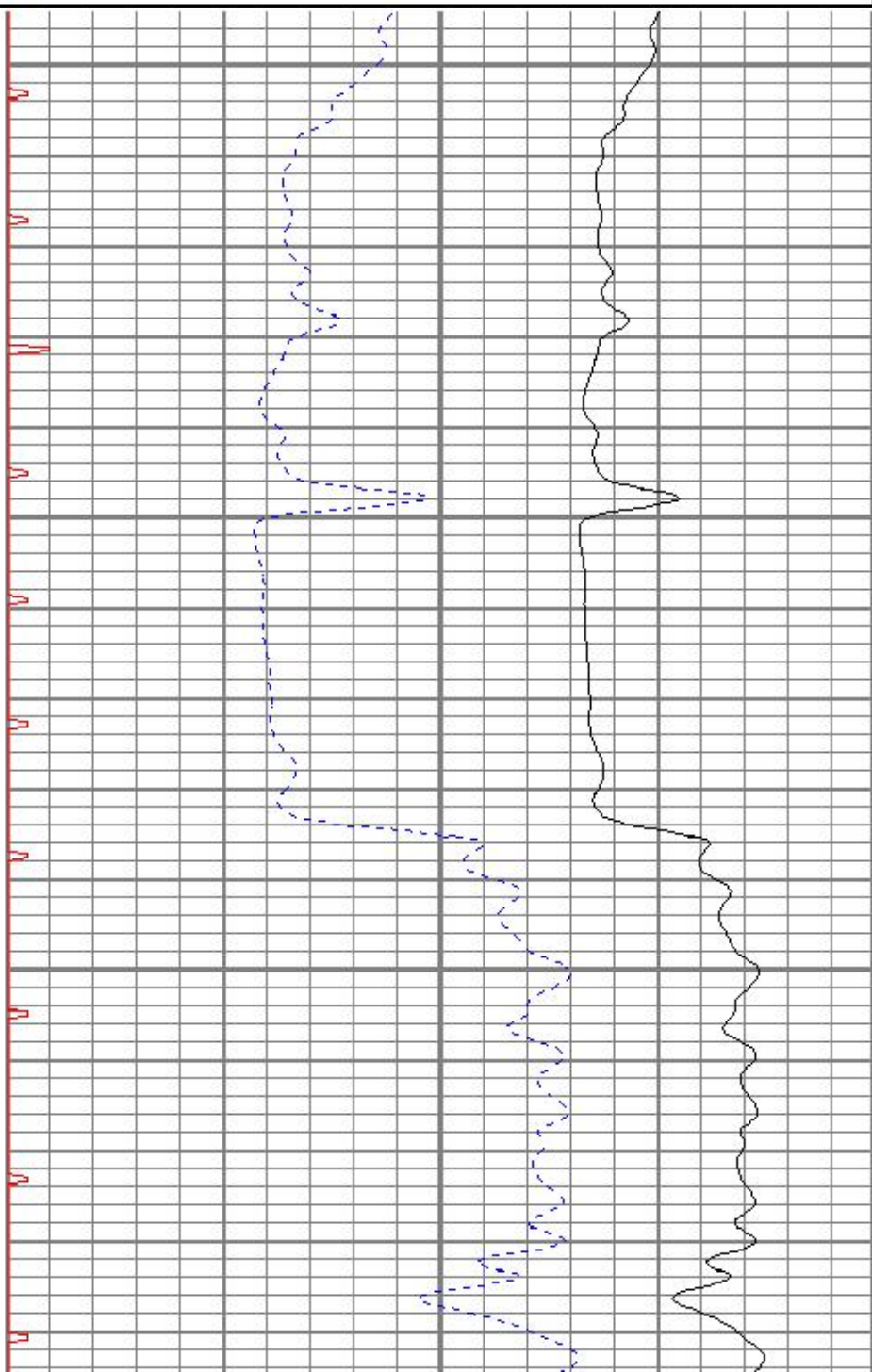
140	DT (usec/ft)	40
30	SPOR (pu)	-10
0	ITT (msec)	20

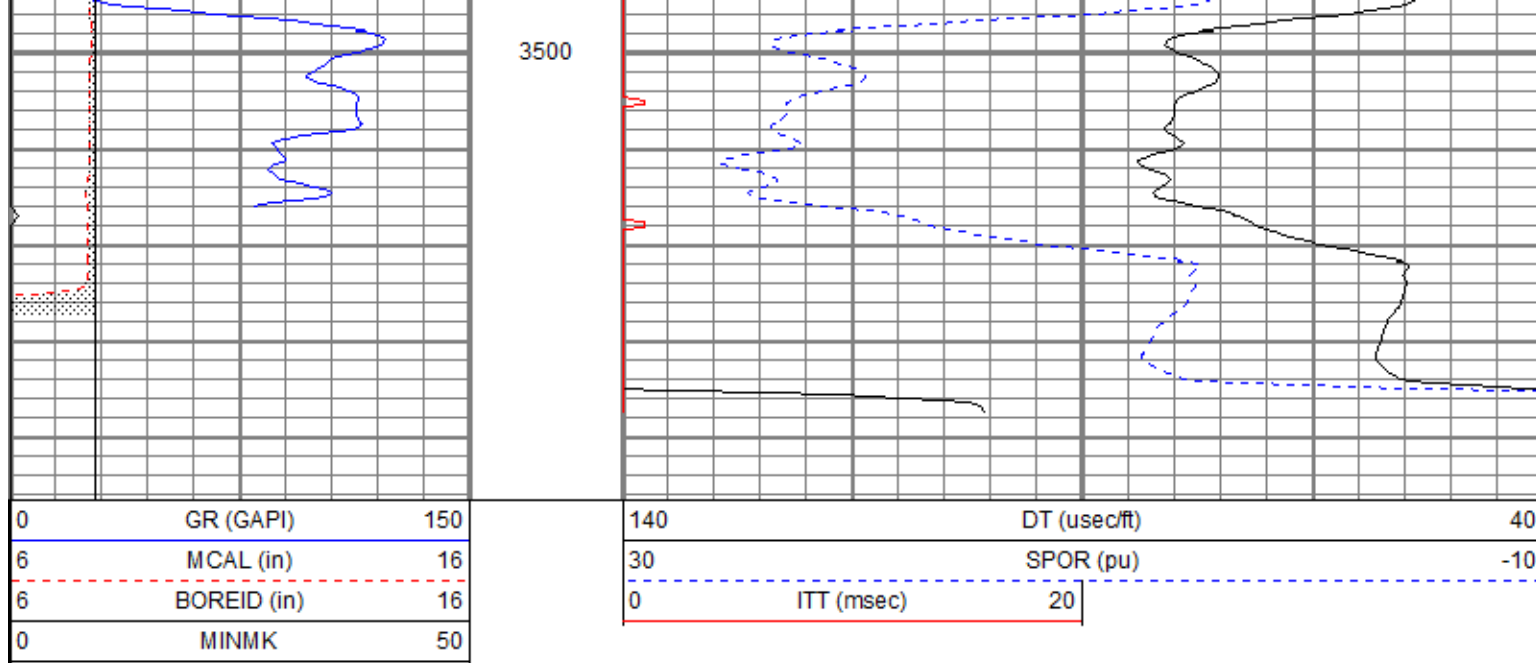


3350

3400

3450





Calibration Report								
Database File	taoswebber34-2oh.db							
Dataset Pathname	pass3.1							
Dataset Creation	Sun Dec 11 23:24:46 2016							
Microlog Calibration Report								
Serial-Model:			012-Pengo					
Performed:			Sun Dec 11 22:47:48 2016					
Readings			References				Results	
	Zero	Cal		Zero	Cal		m	b
Normal	0.0056	0.4368	V	0.0000	10.0000	Ohm-m	23.1924	-0.1306
Inverse	0.0096	0.5638	V	0.0000	7.5000	Ohm-m	13.5323	-0.1301
Caliper	2.0530	4.7700	V	7.8500	14.0000	in	2.2635	3.2028
Gamma Ray Calibration Report								
Serial Number:			2000					
Tool Model:			P2000					
Performed:			Sun Dec 13 16:43:47 2015					
Calibrator Value:			1.0		GAPI			
Background Reading:			0.0		cps			
Calibrator Reading:			1.0		cps			
Sensitivity:			0.2200		GAPI/cps			

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	28.13		GR-P2000 (2000)	3.67	3.25	40.00
			ML-Pengo (012)	6.97	3.50	100.00
MCAL	21.05					
MI	21.05					
MN	21.05					

WVF4	13.79	Diagram of a wellbore showing a centralizer (CENT-OHshort) and a sonic tool joint (SLT-G (101127) Sonic). The centralizer is located at a depth of 4.04 feet, and the sonic tool joint is located at a depth of 15.71 feet. The wellbore is labeled with depths 13.79, 12.79, 9.79, and 8.79.	15.71	3.50	250.00
WVF3	12.79				
WVF2	9.79				
WVF1	8.79				
Dataset: taoswebber34-2oh.db: field/well/run1/pass3.1 Total length: 30.38 ft Total weight: 440.00 lb O.D.: 3.50 in					