



**BOREHOLE
COMPENSATED
SONIC
LOG**

Company Prospect Oil & Gas Inc.		Company Prospect Oil & Gas Inc.	
Well	Rose/Sis Unit #1	Well Rose/Sis Unit #1	
Field	Wildcat	Field Wildcat	
County	Rawlins	County Rawlins	
State	Kansas	State Kansas	
Location:		API #: 15 153 21178	
Permanent Datum		SEC 12 TWP 1S RGE 35W	
Log Measured From		Ground Level	
Drilling Measured From		Elevation	
KB		3086'	
Other Services		ML	
		CDNL	
		DIL	
Elevation		K.B. 3091'	
		D.F. 3090'	
		G.L. 3086'	
Date	9-14-16		
Run Number	Two		
Depth Driller	4310'		
Depth Logger	4312'		
Bottom Logged Interval	4307'		
Top Log Interval	400'		
Casing Driller	8 5/8" @ 260'		
Casing Logger	260'		
Bit Size	7 7/8"		
Type Fluid in Hole	Chemical		
Density / Viscosity	9.3/64		
pH / Fluid Loss	10/8.8		
Source of Sample	Pit		
Rm @ Meas. Temp	2.3@60degf		
Rmf @ Meas. Temp	1.73@60degf		
Rmc @ Meas. Temp	2.76@60degf		
Source of Rmf / Rmc	Calculated		
Rm @ BHT	1.21@114degf		
Time Circulation Stopped	10:00 a.m.		
Time Logger on Bottom	2:20 p.m.		
Maximum Recorded Temperature	114degf		
Equipment Number	T127		
Location	Hays, KS.		
Recorded By	Gus Pfannenstiel		
Witnessed By	Mr. Brad Hutchison		

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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

North of Atwood to BB Rd., West to 12 Rd.,
North 2 miles, 1/2 East,
South into.

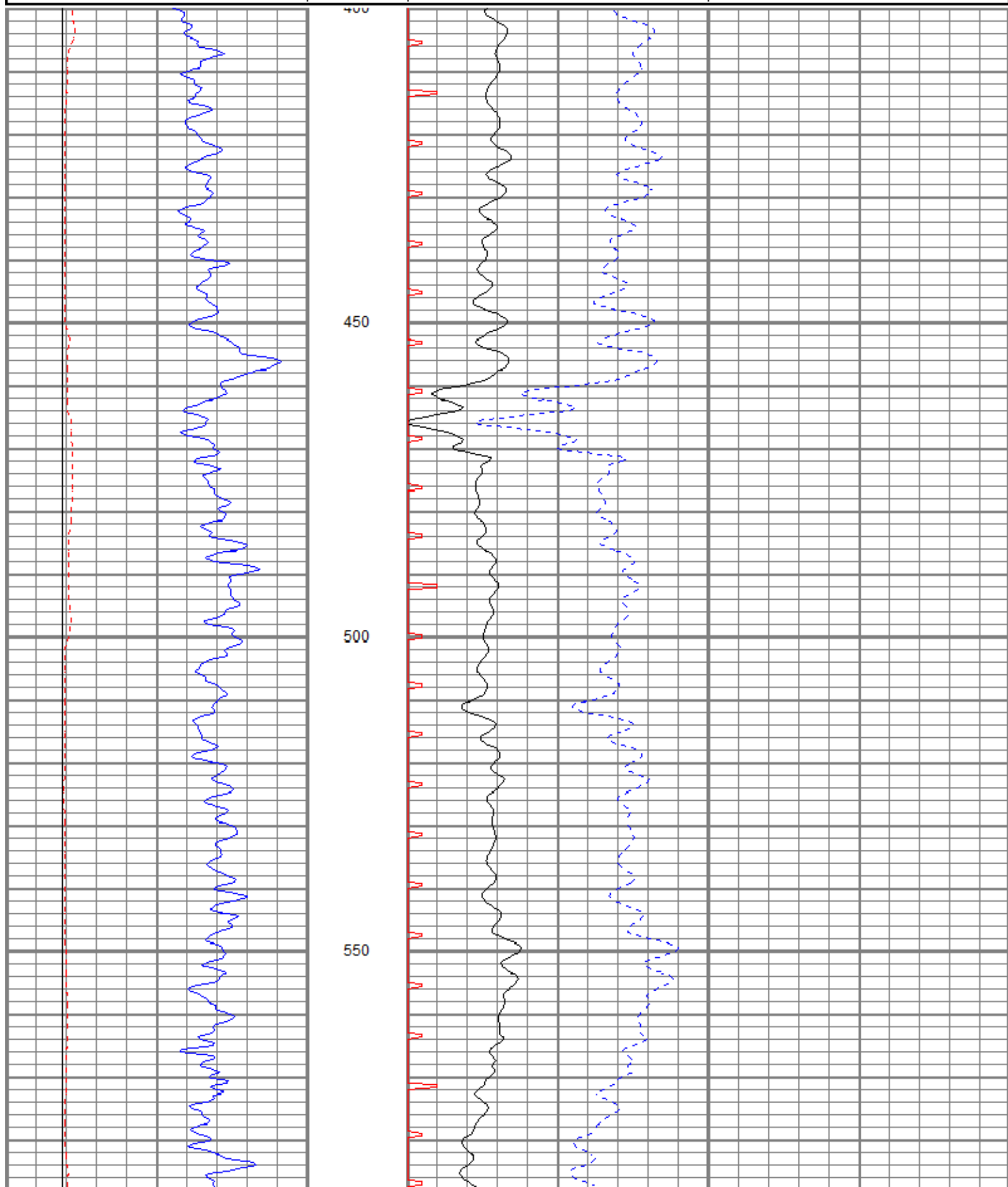


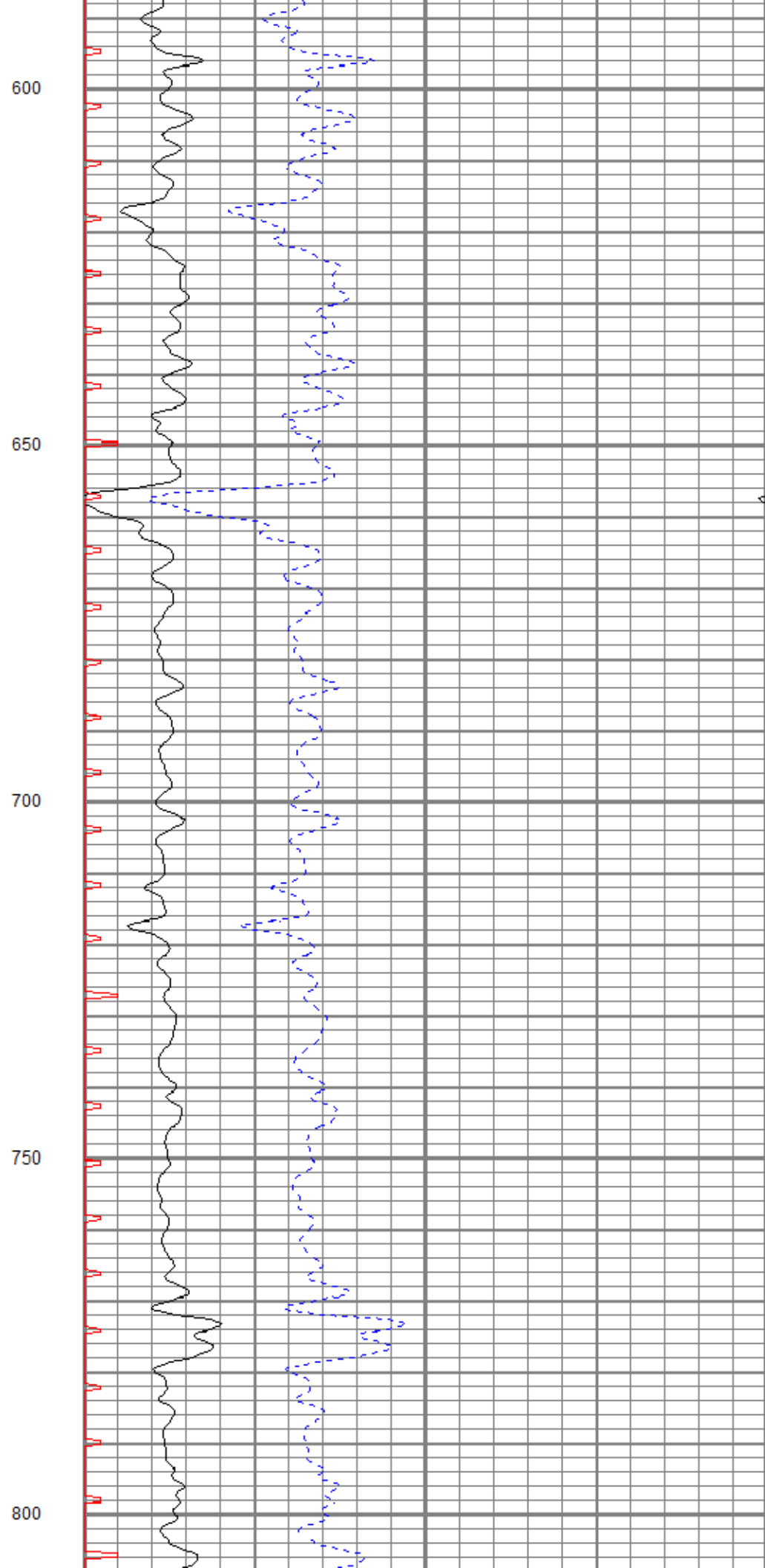
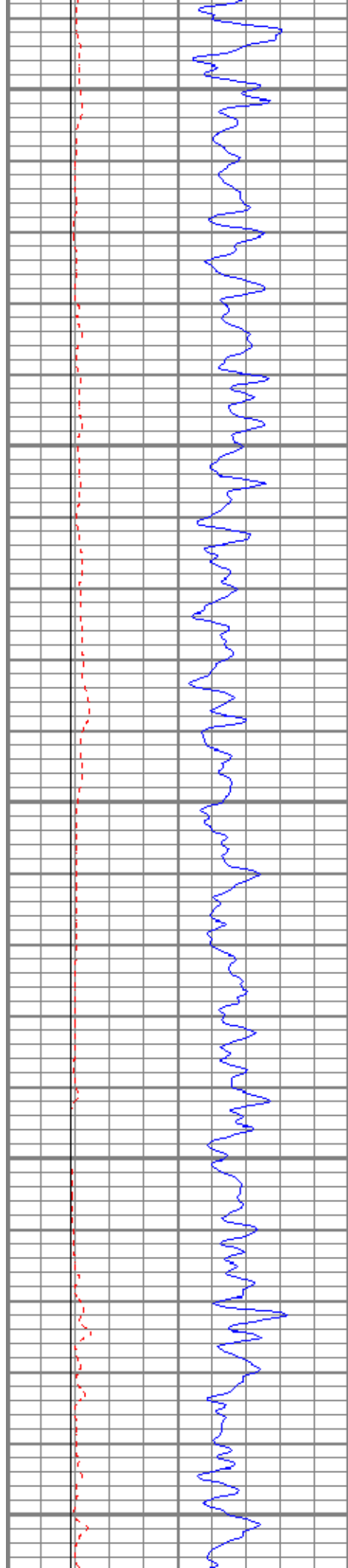
Main Pass

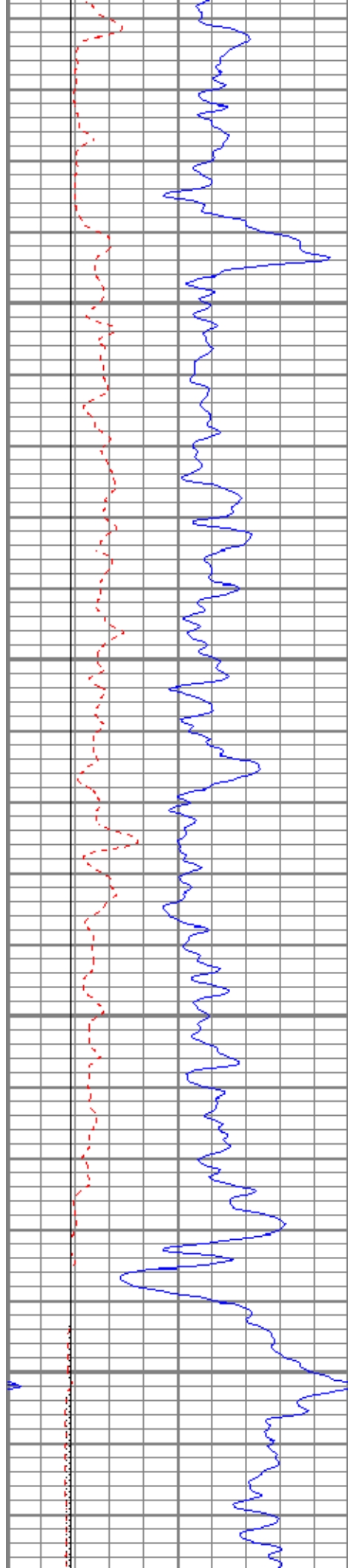
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Dataset Pathname pass6
Presentation Format kbcs
Dataset Creation Wed Sep 14 14:39:33 2016
Charted by Depth in Feet scaled 1:240

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

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





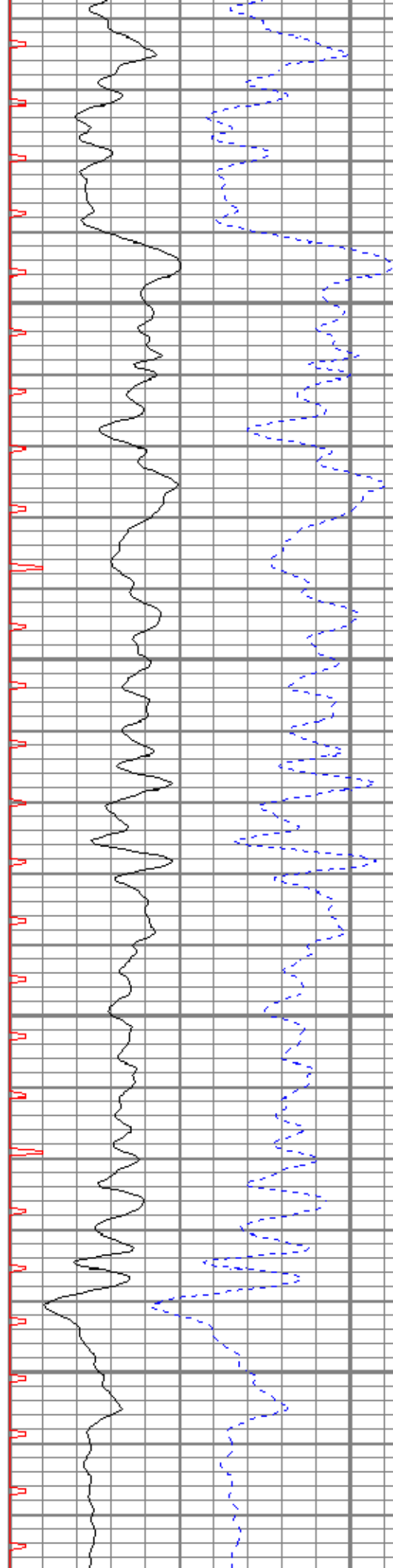


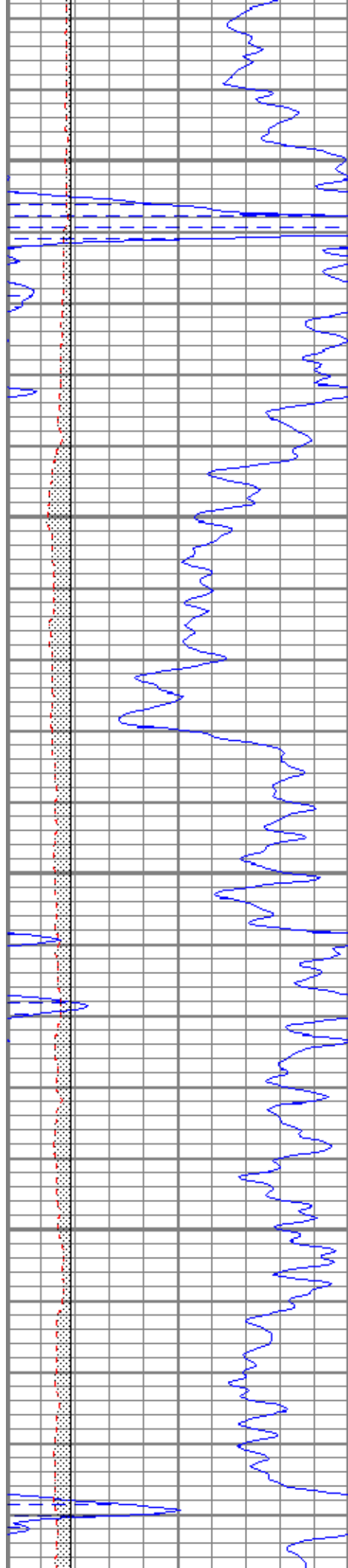
850

900

950

1000



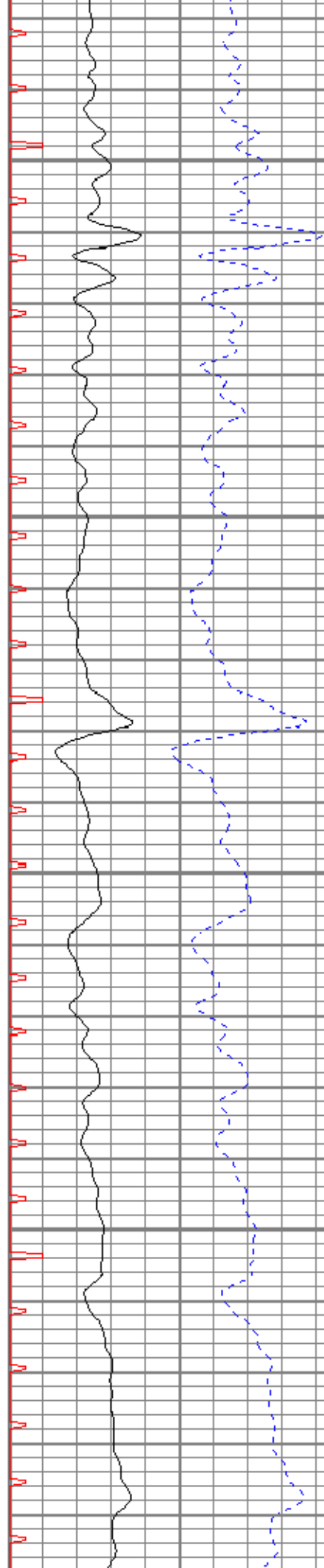


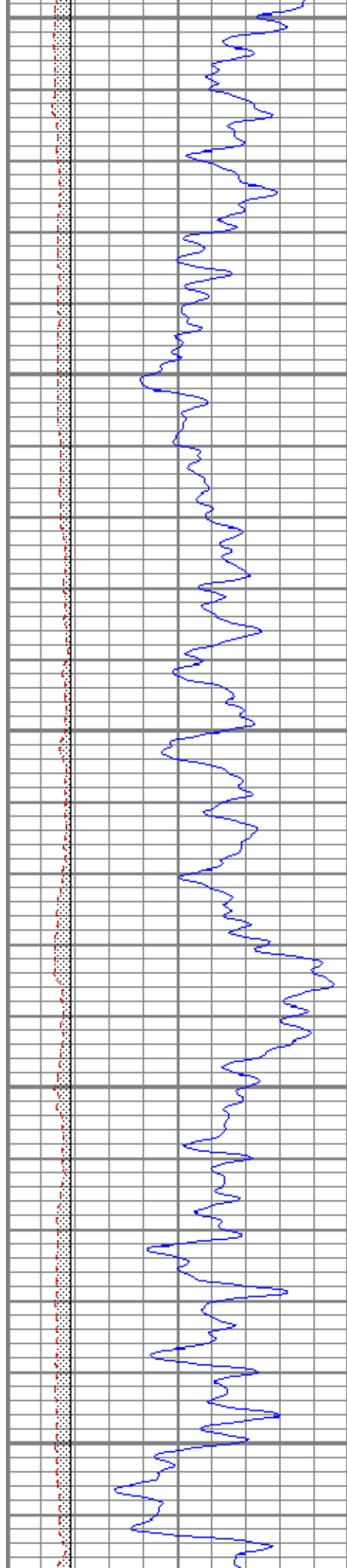
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1100

1150

1200





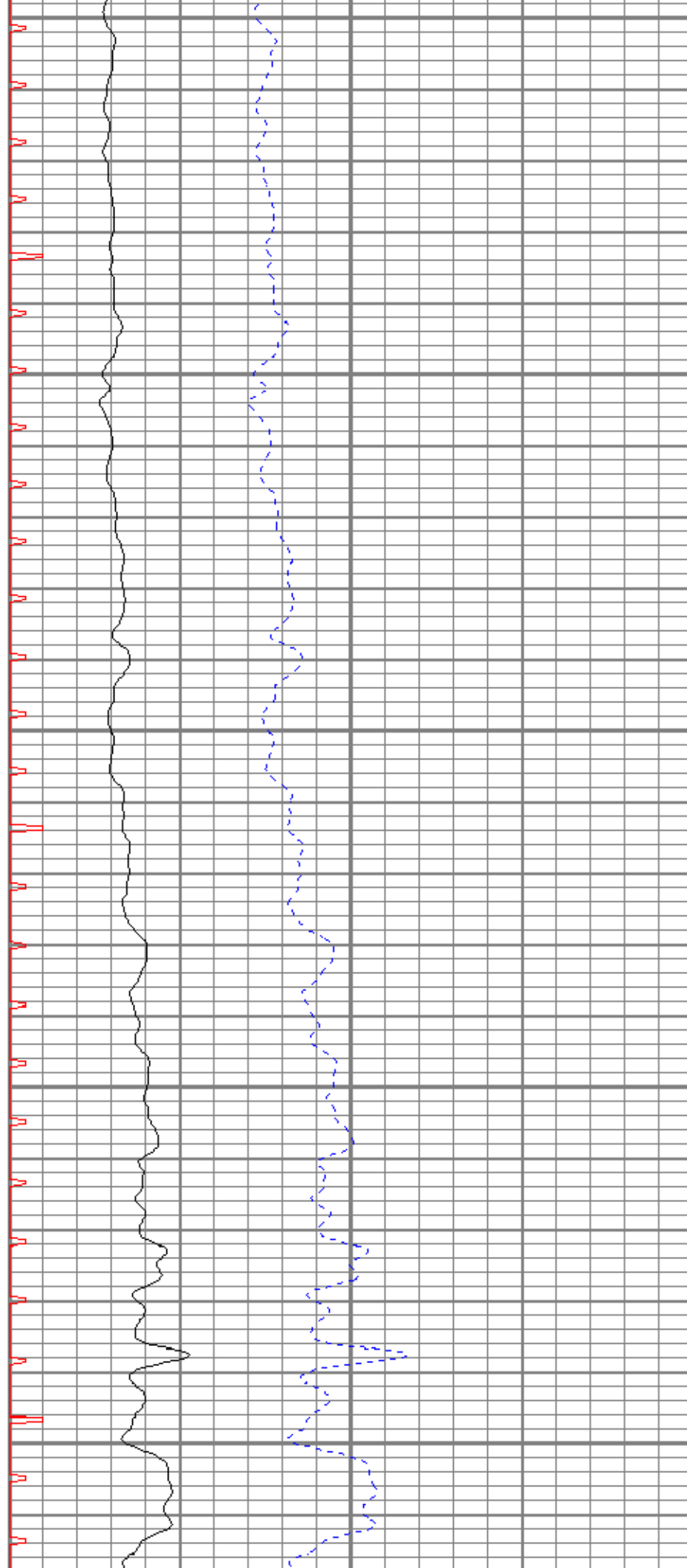
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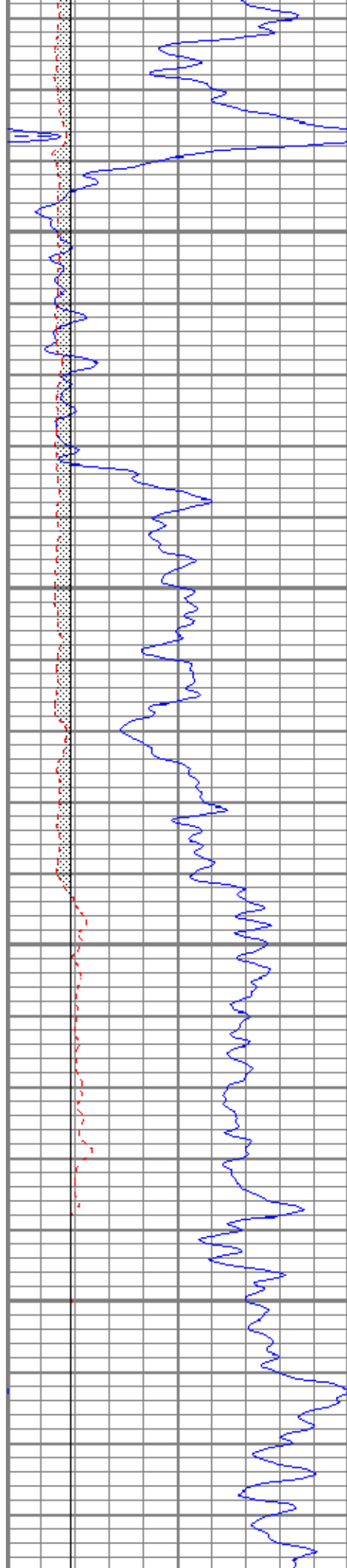
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1350

1400

1450



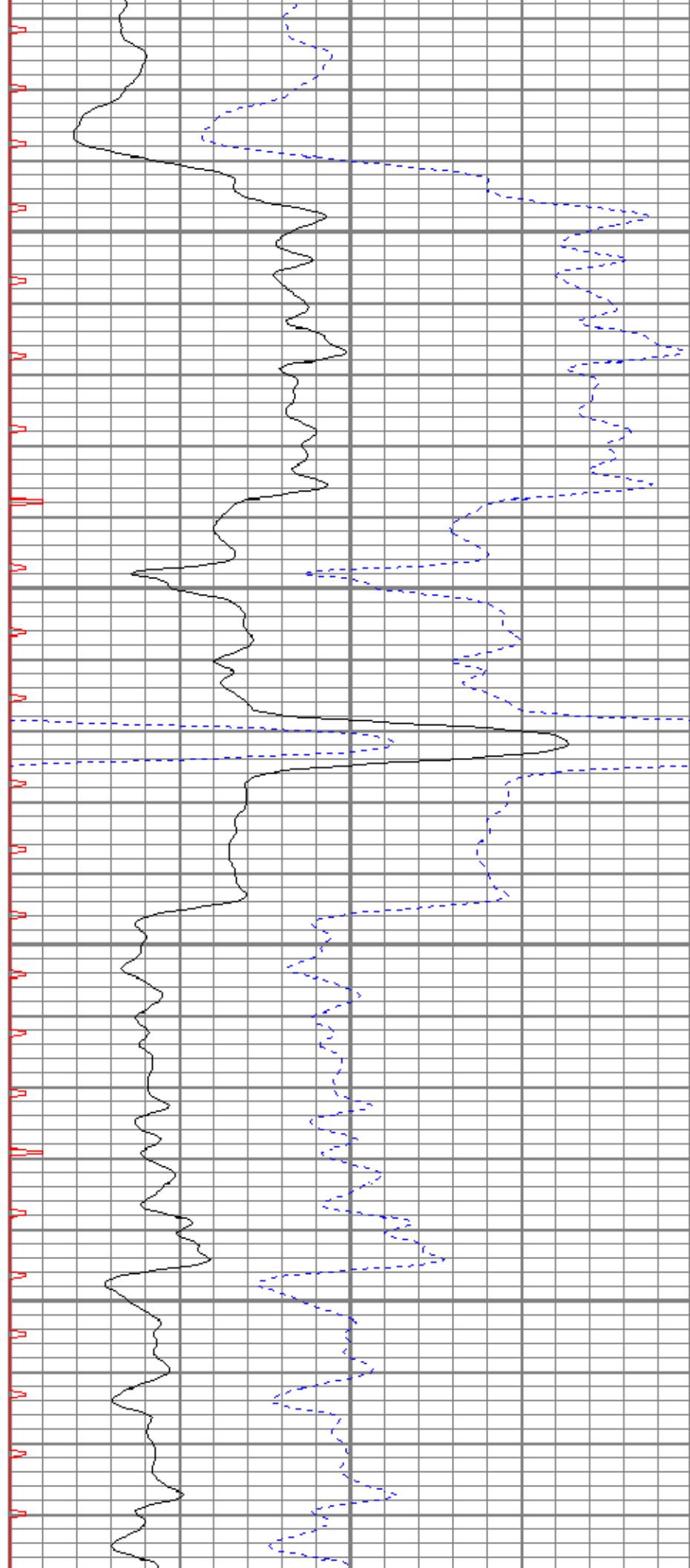


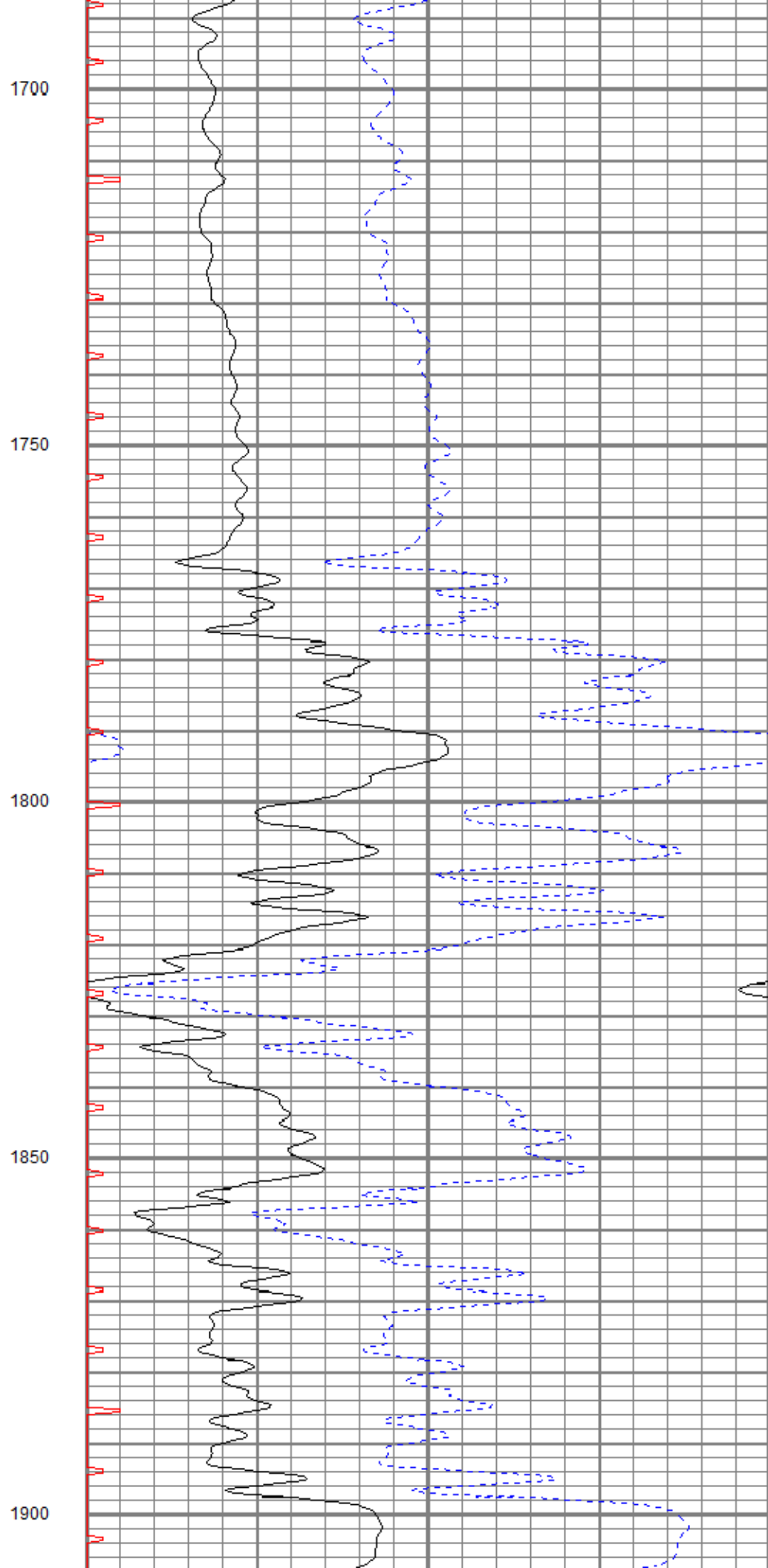
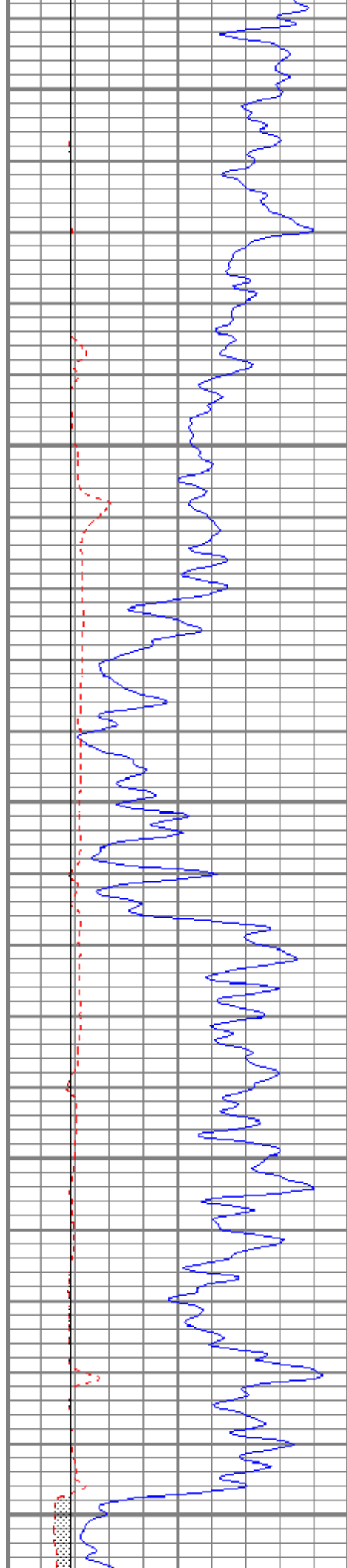
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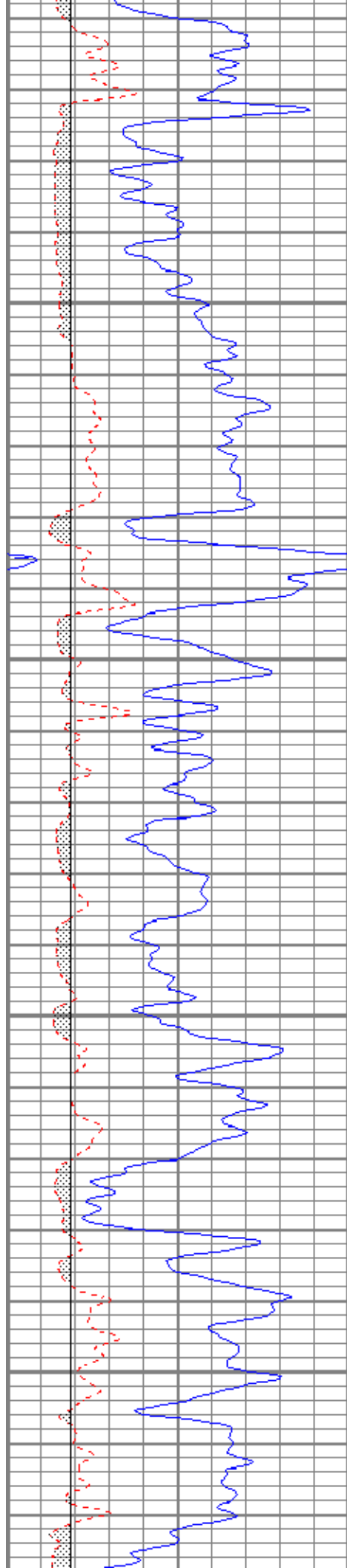
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1600

1650





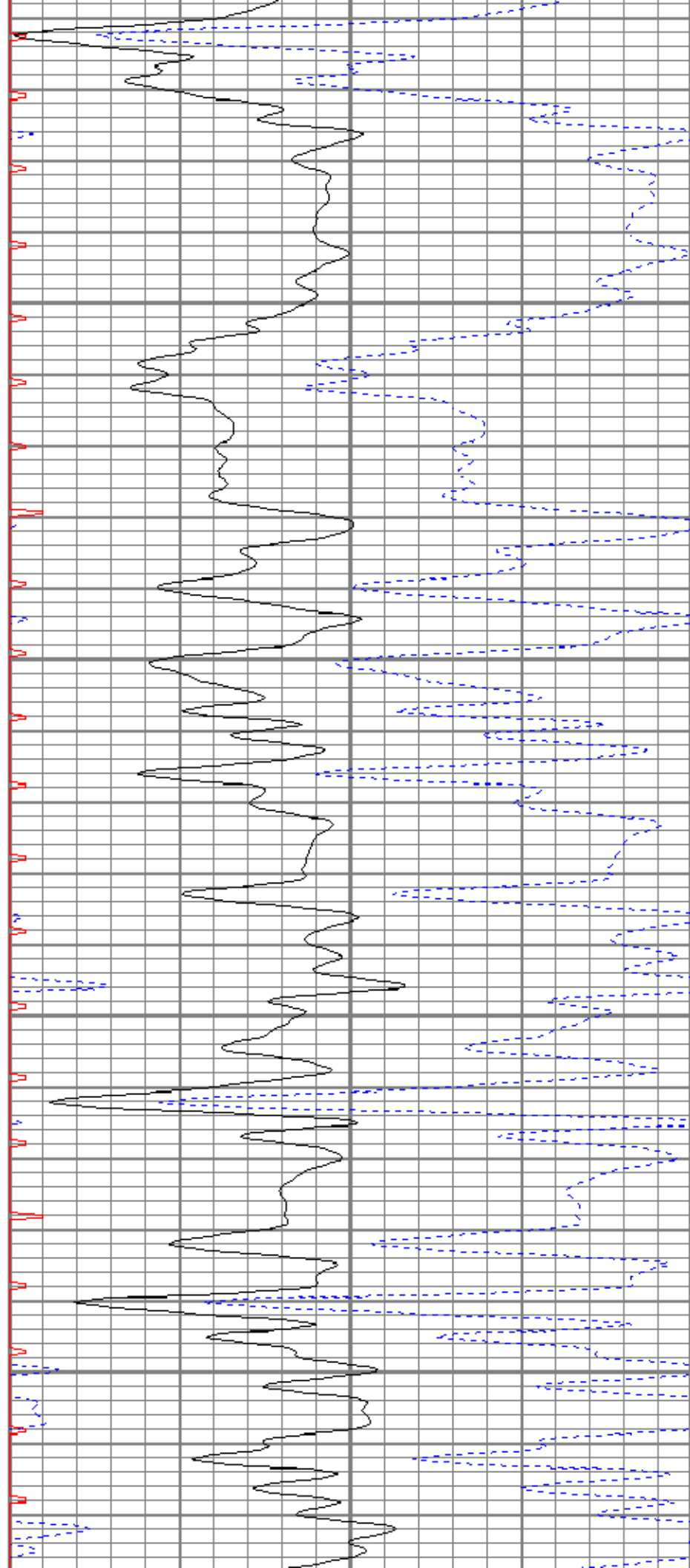


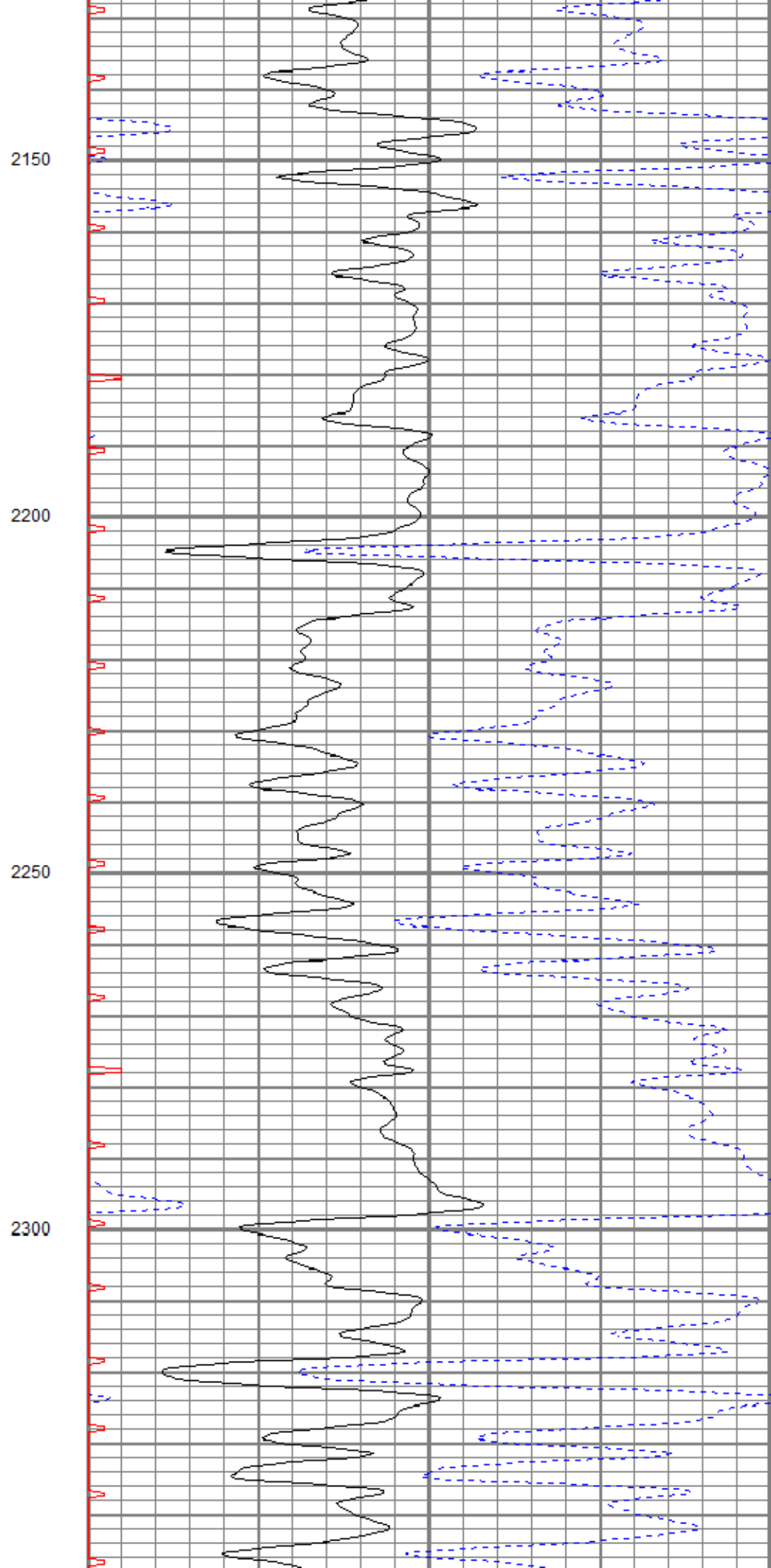
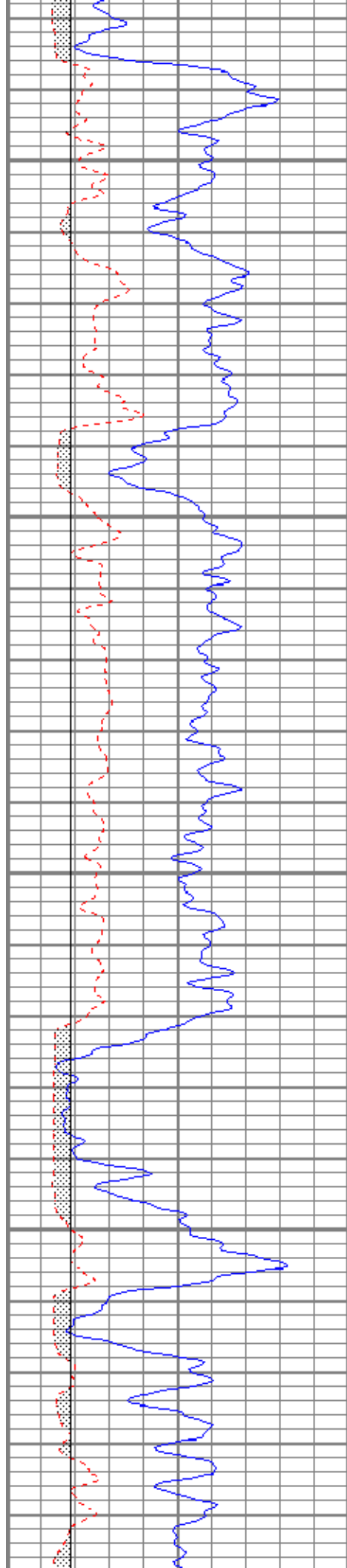
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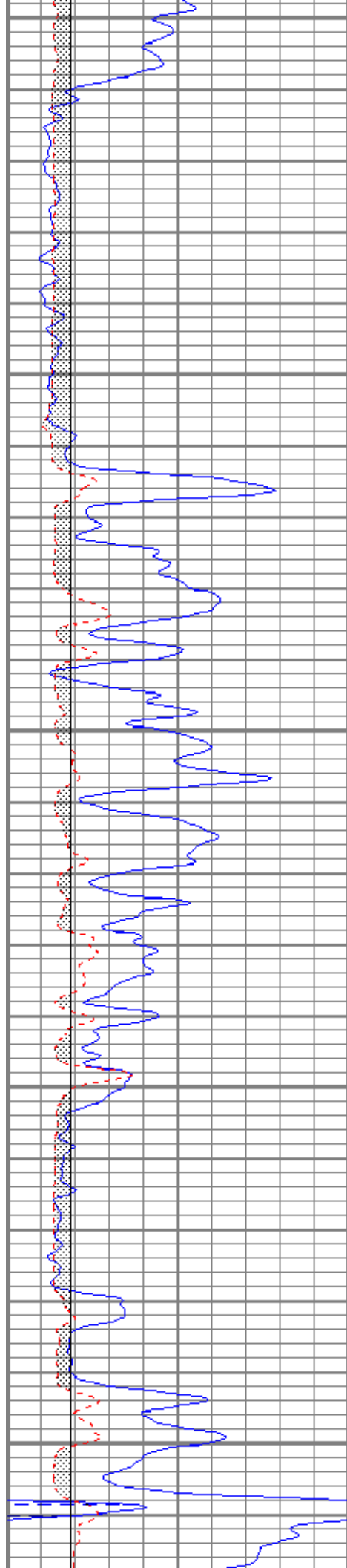
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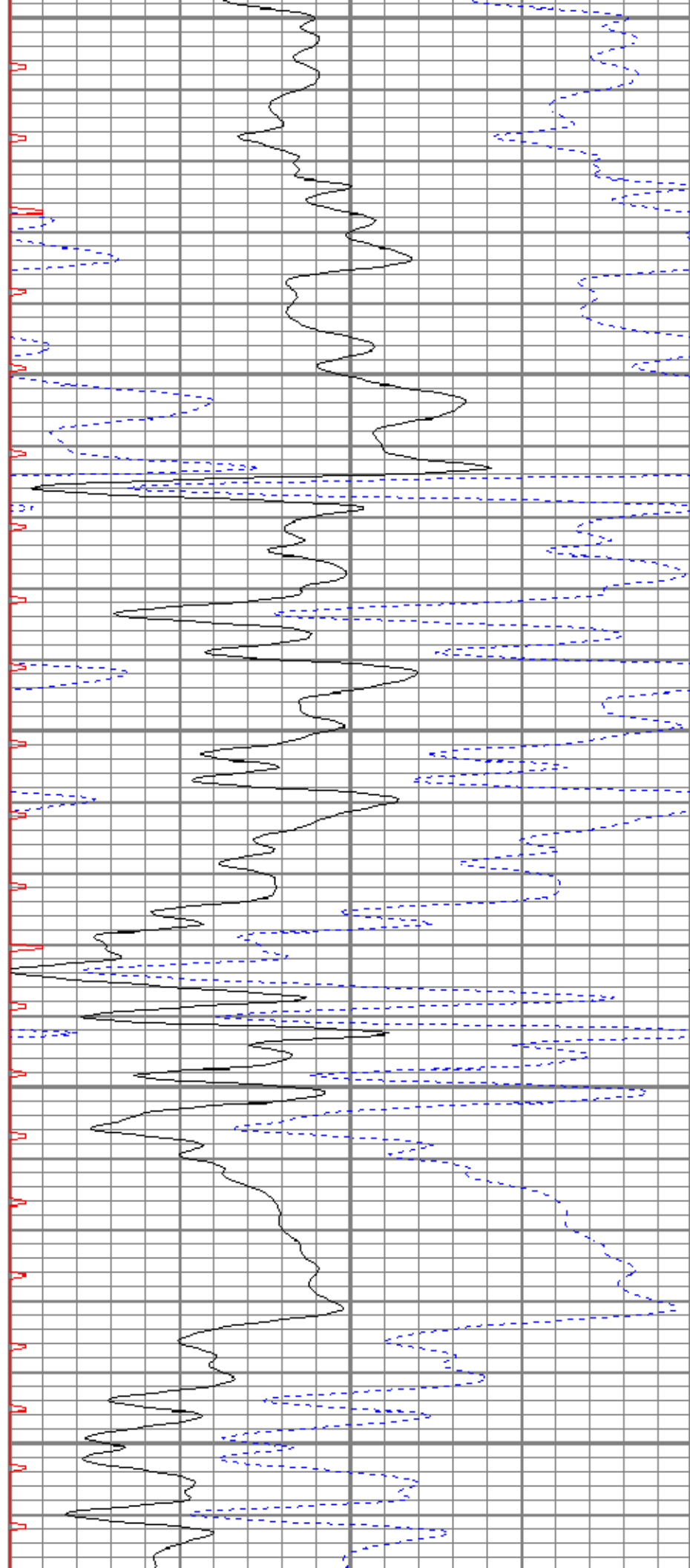
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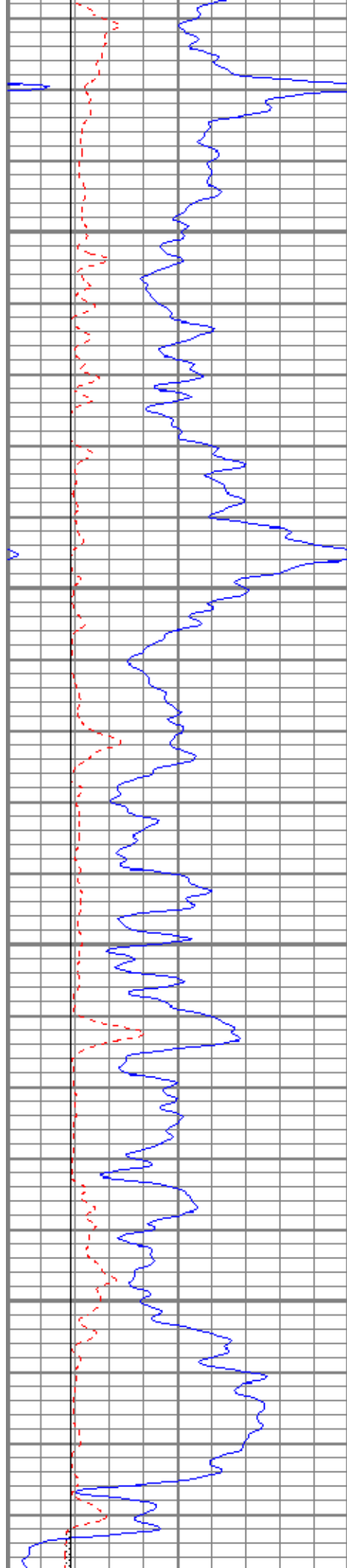
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2450

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2550



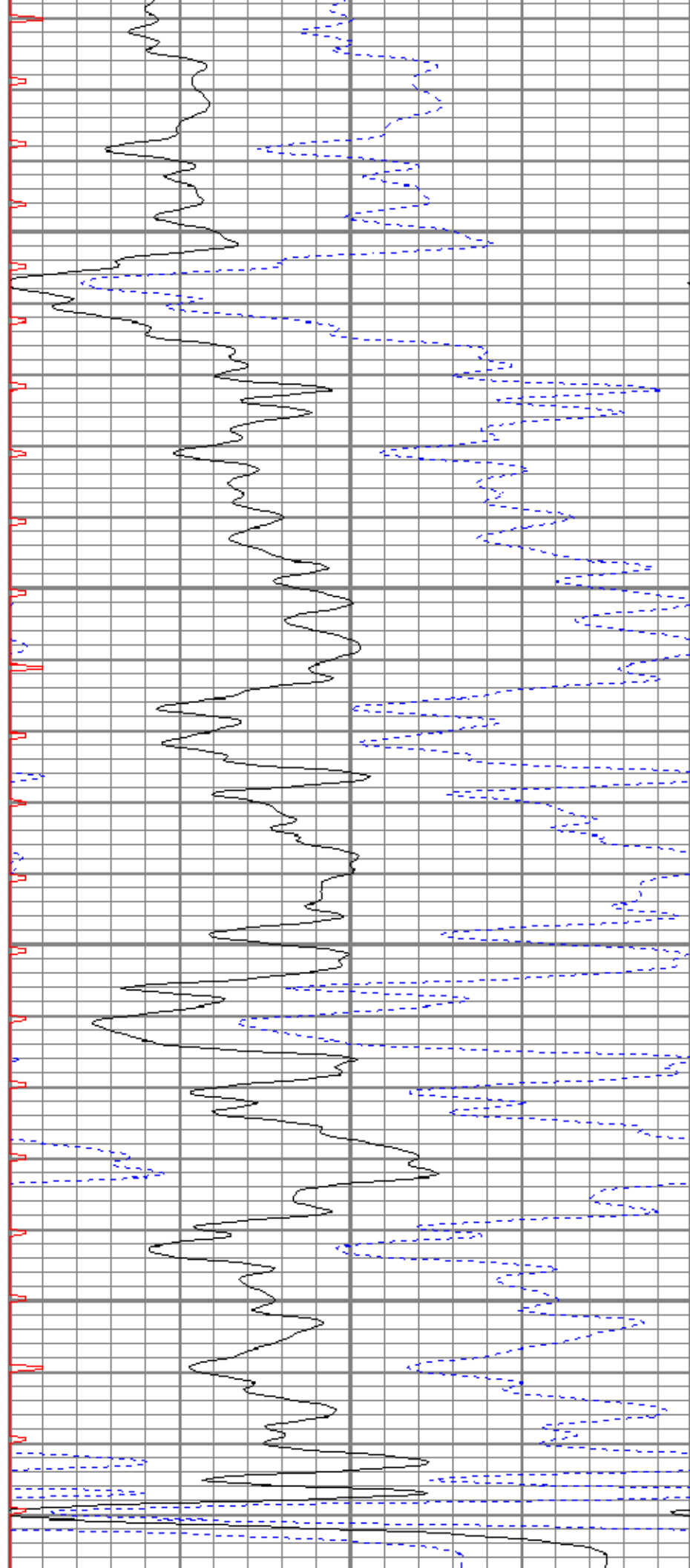


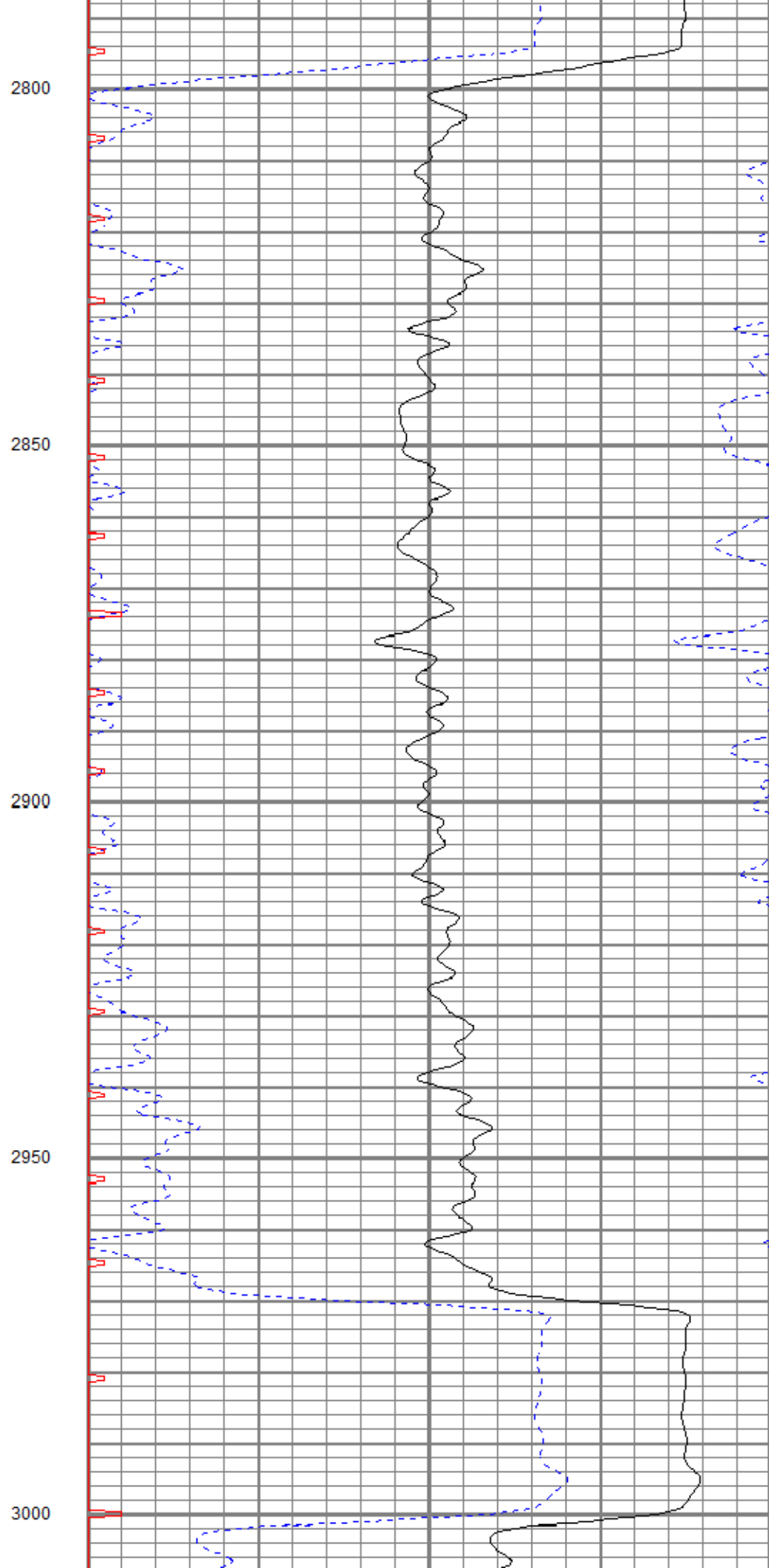
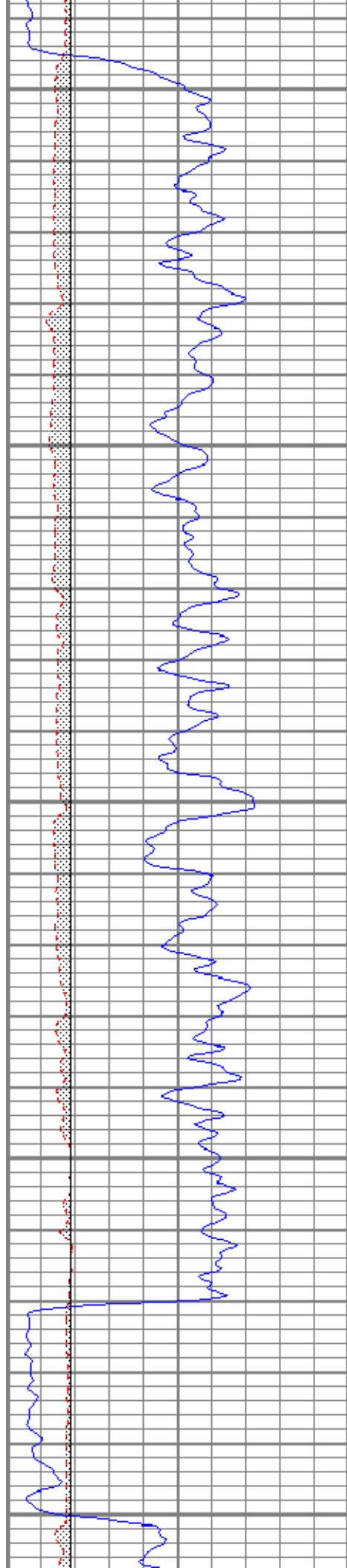
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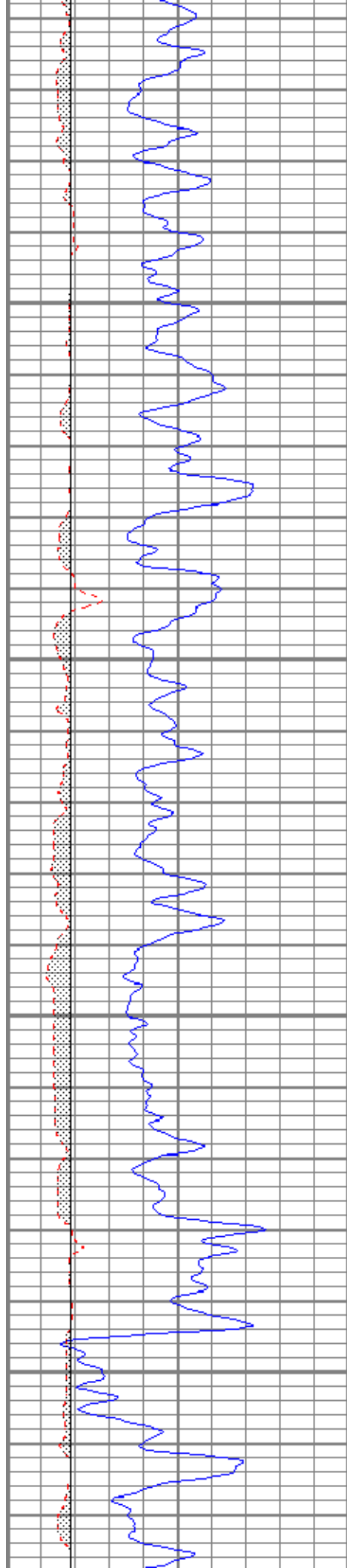
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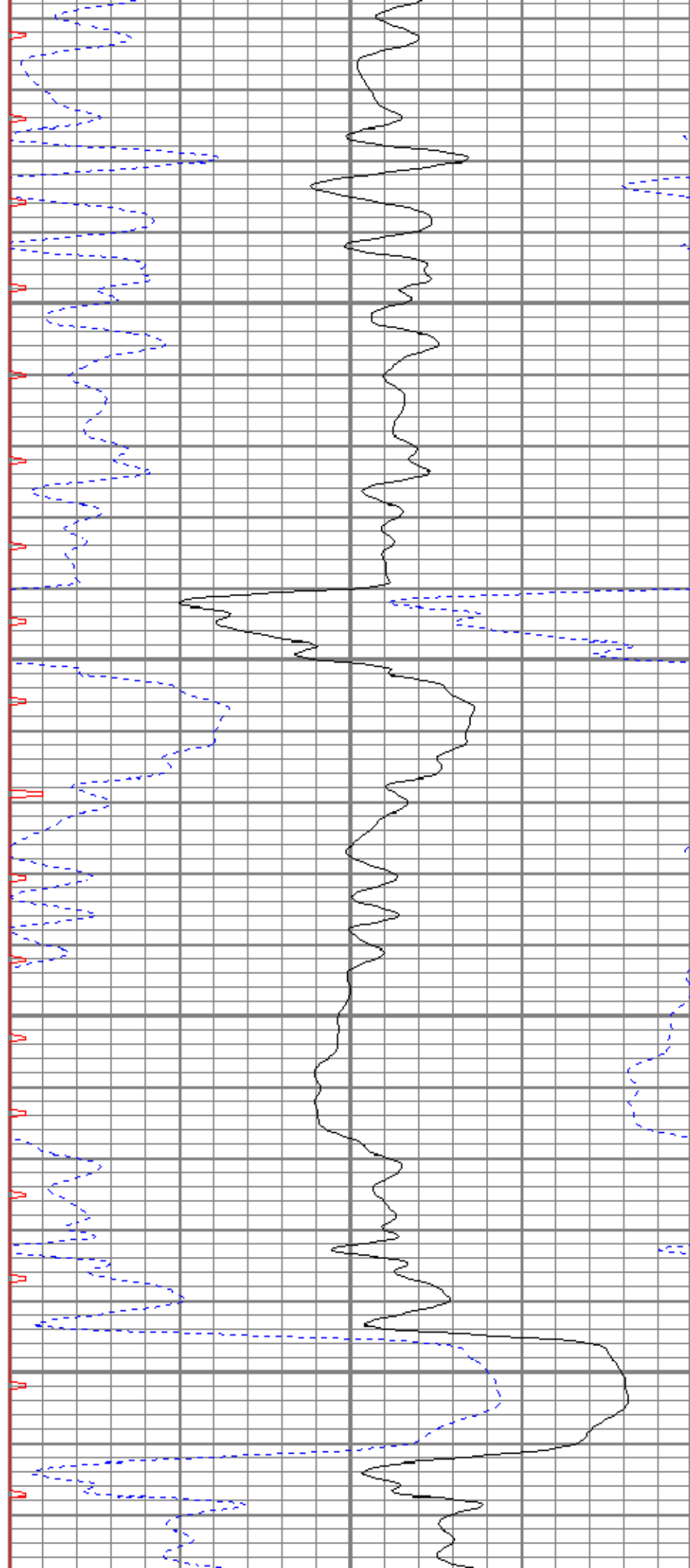


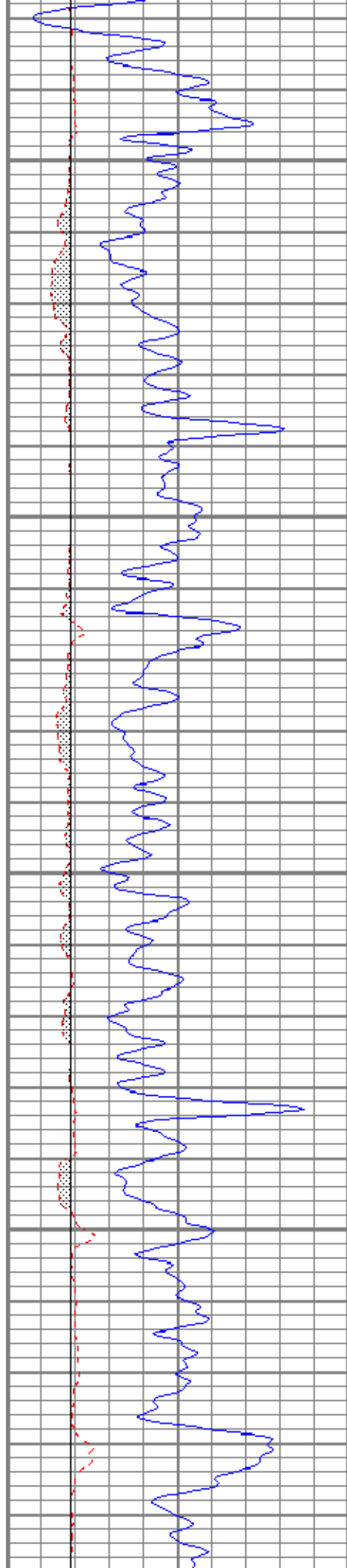
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3150

3200



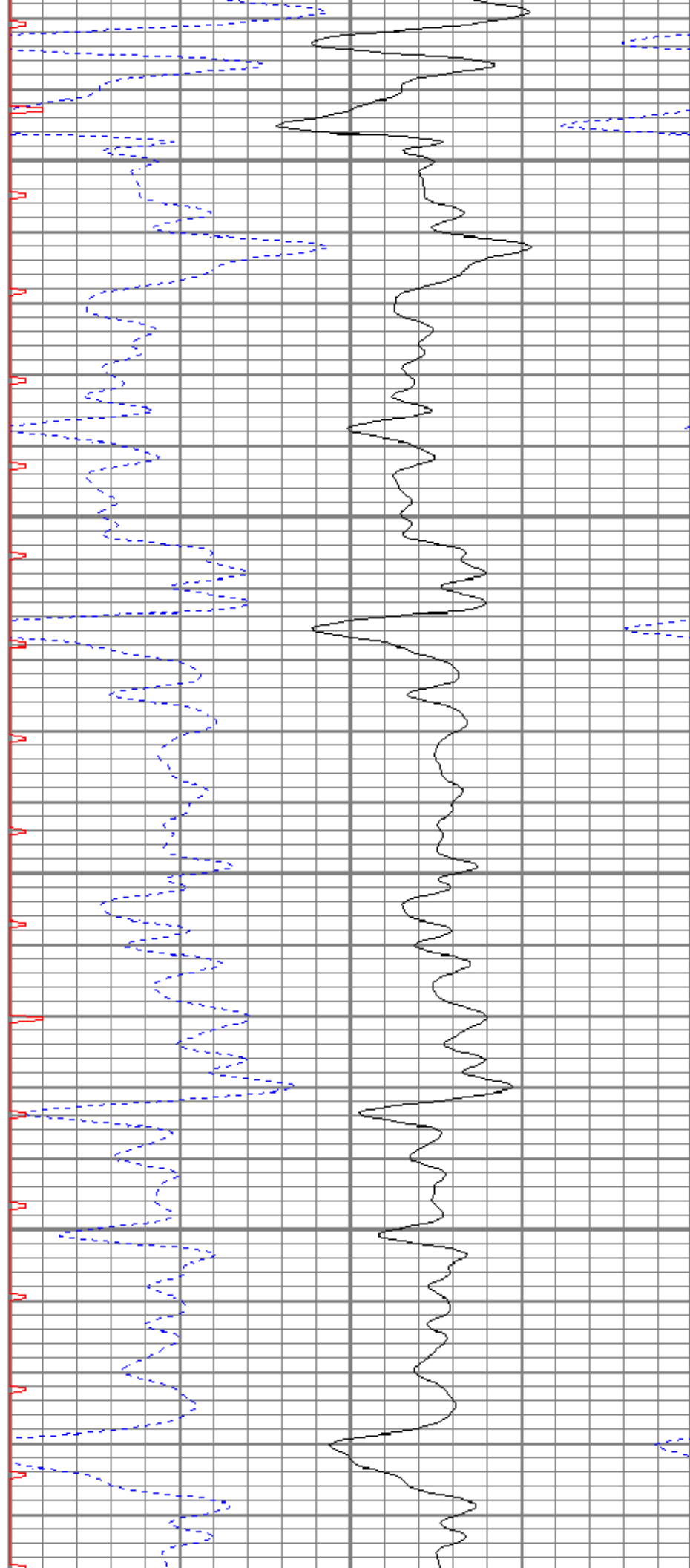


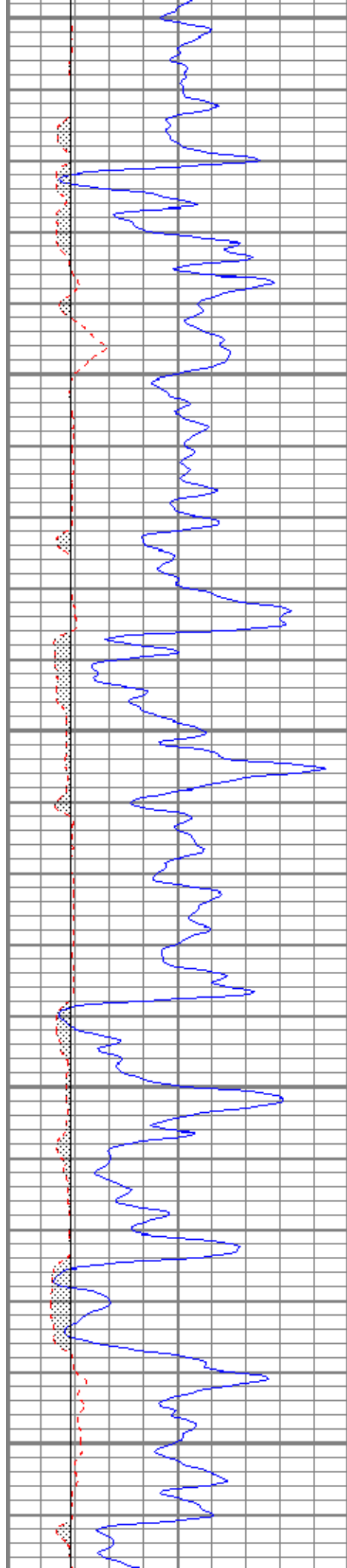
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3400





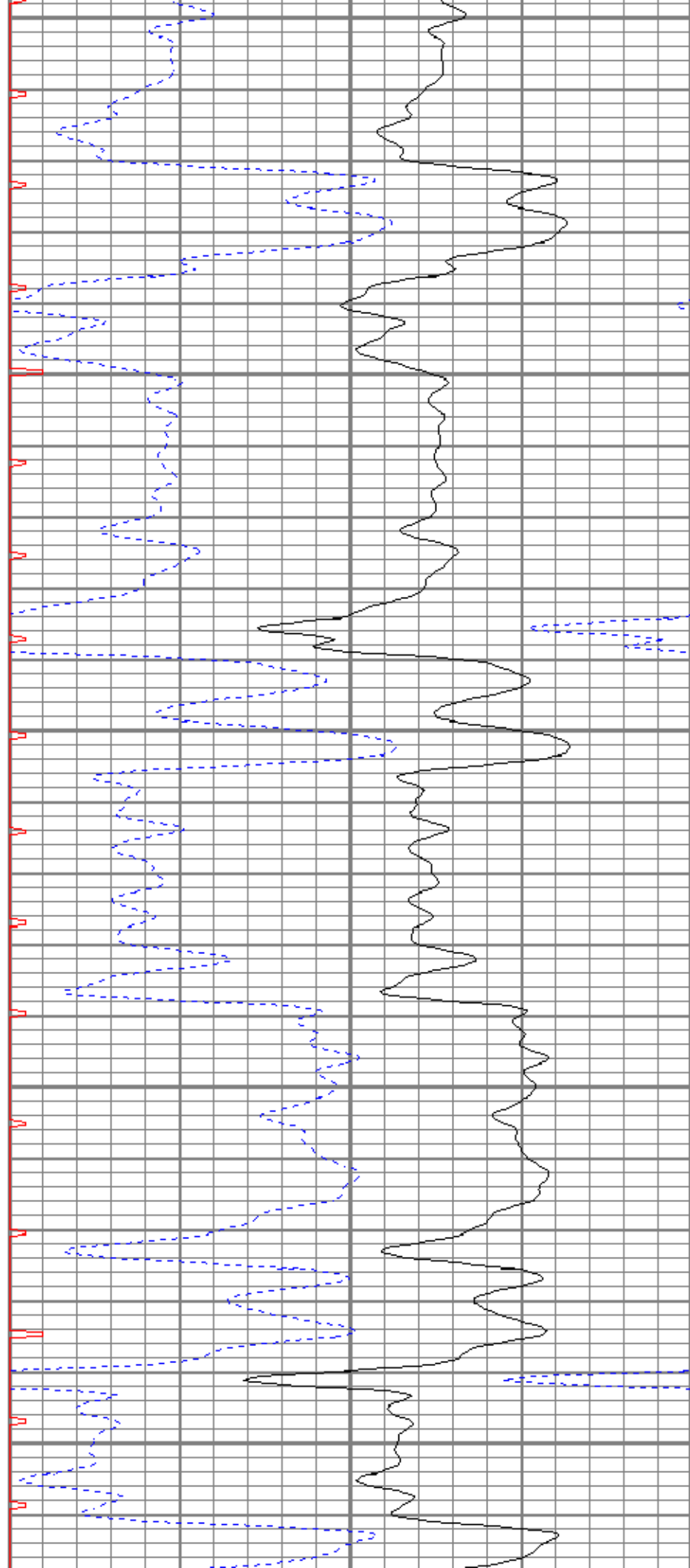
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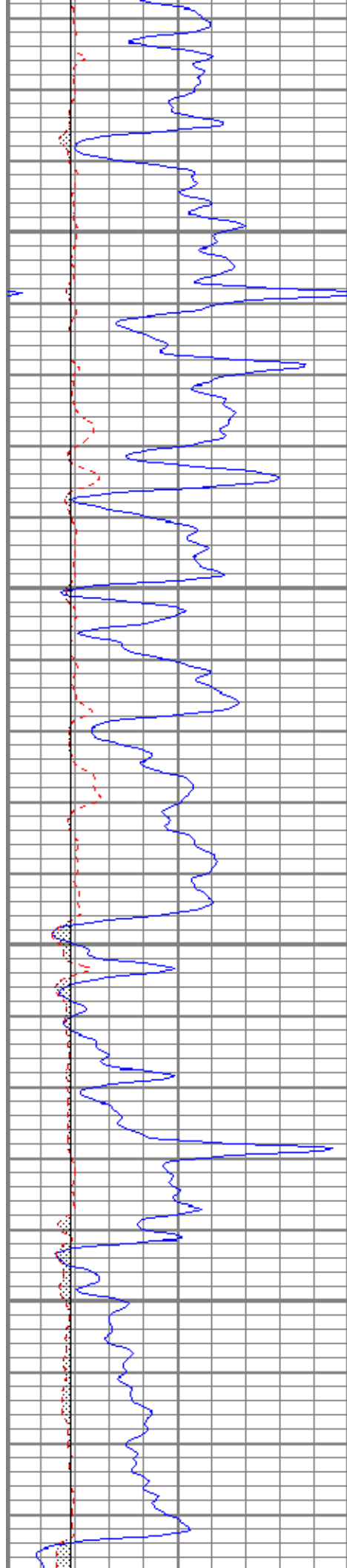
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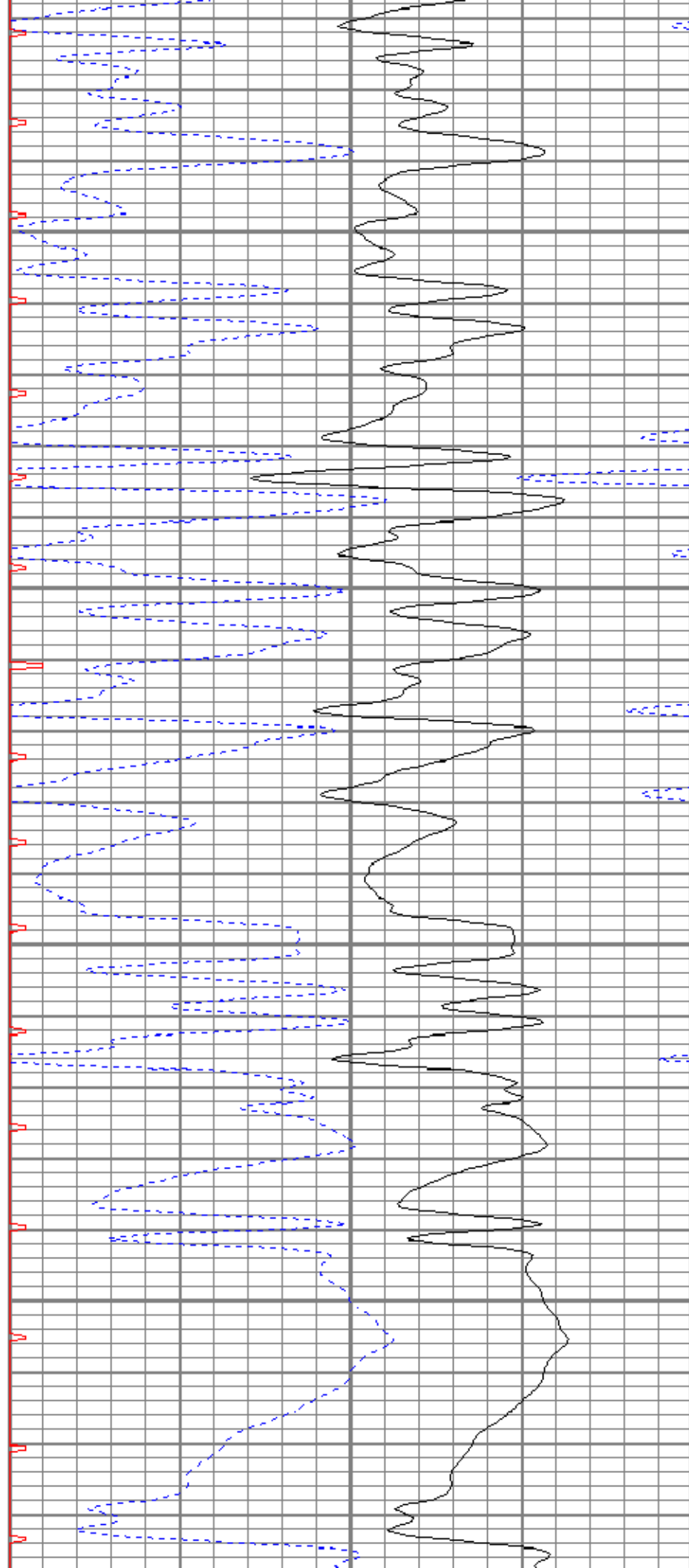


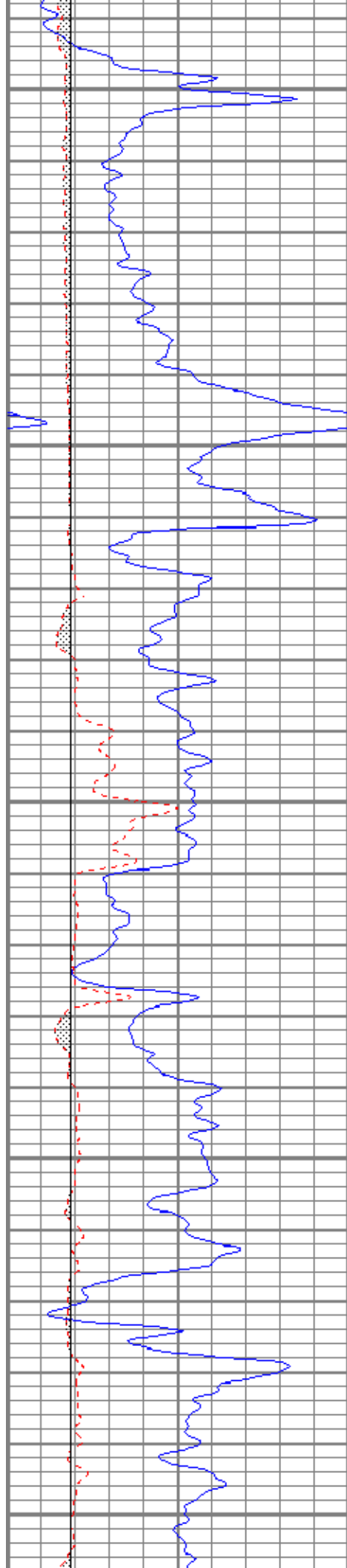
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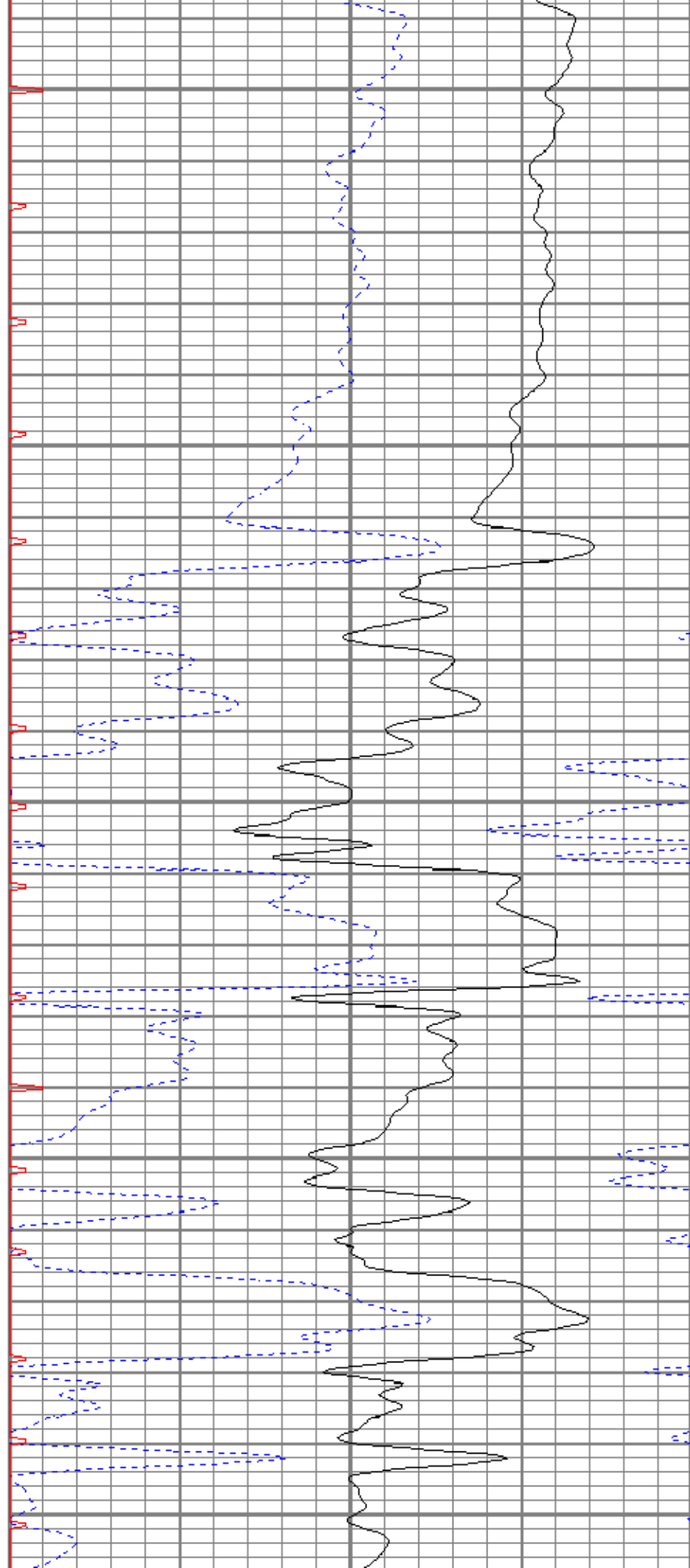
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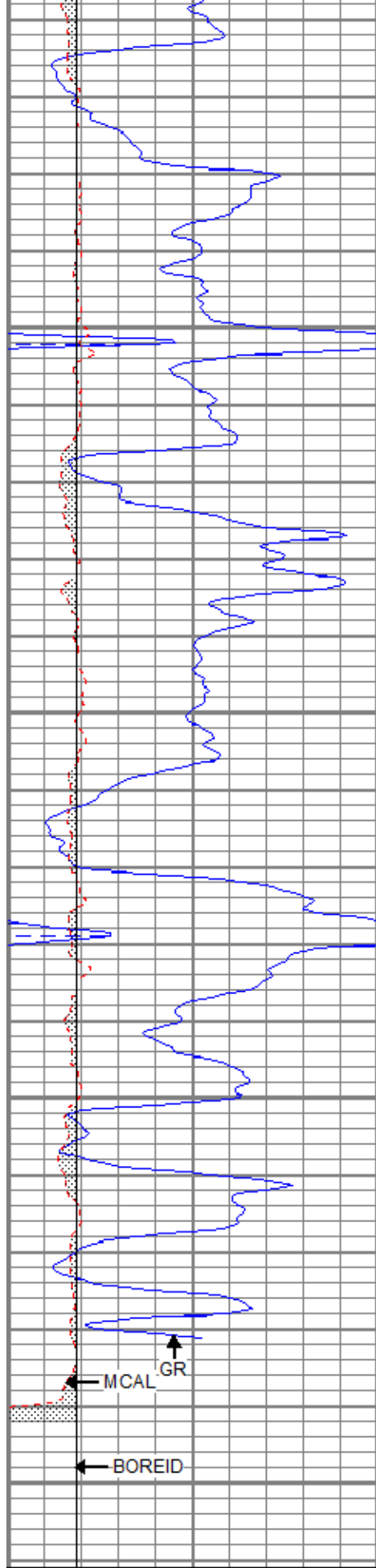
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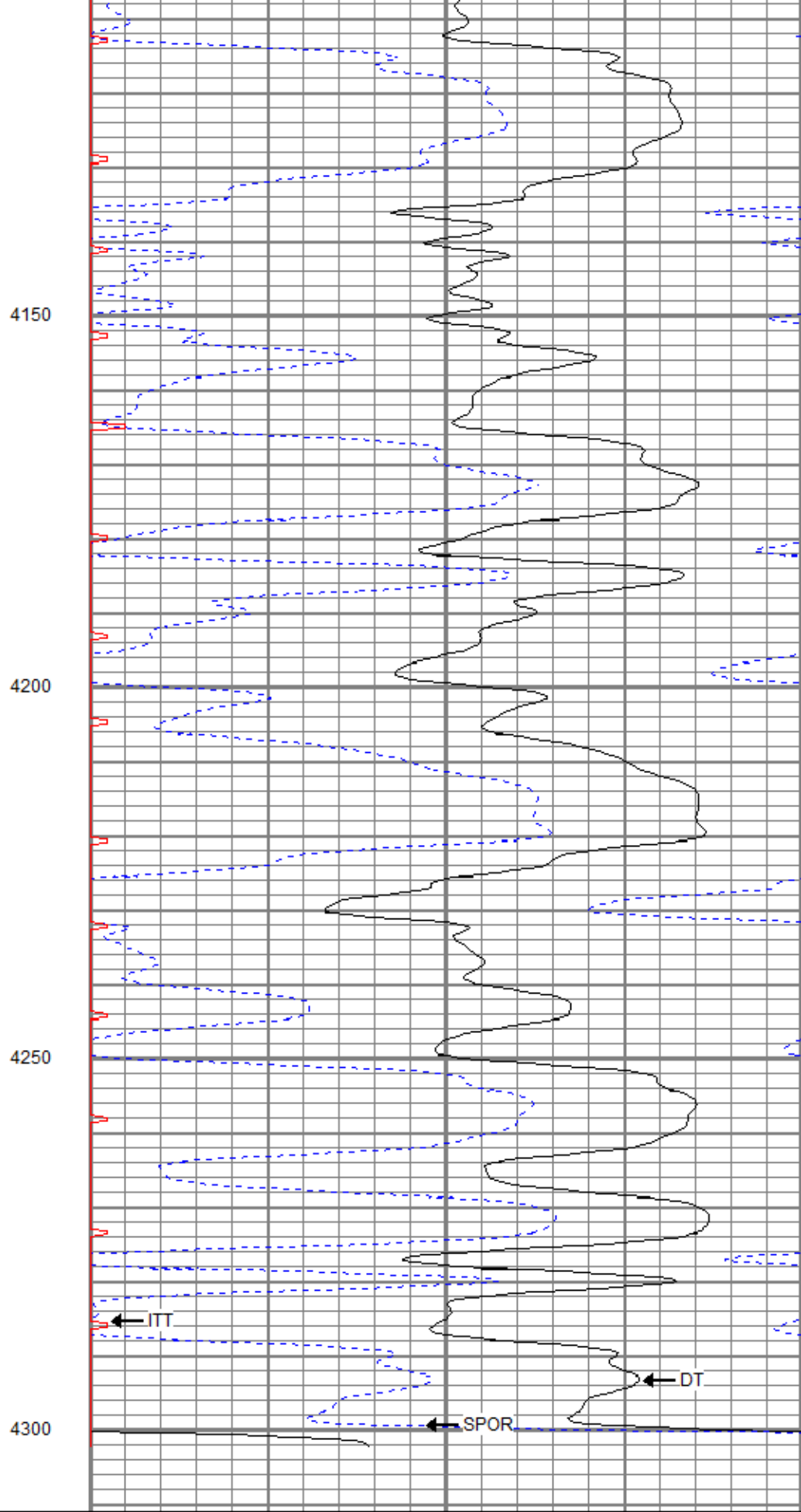
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4100





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



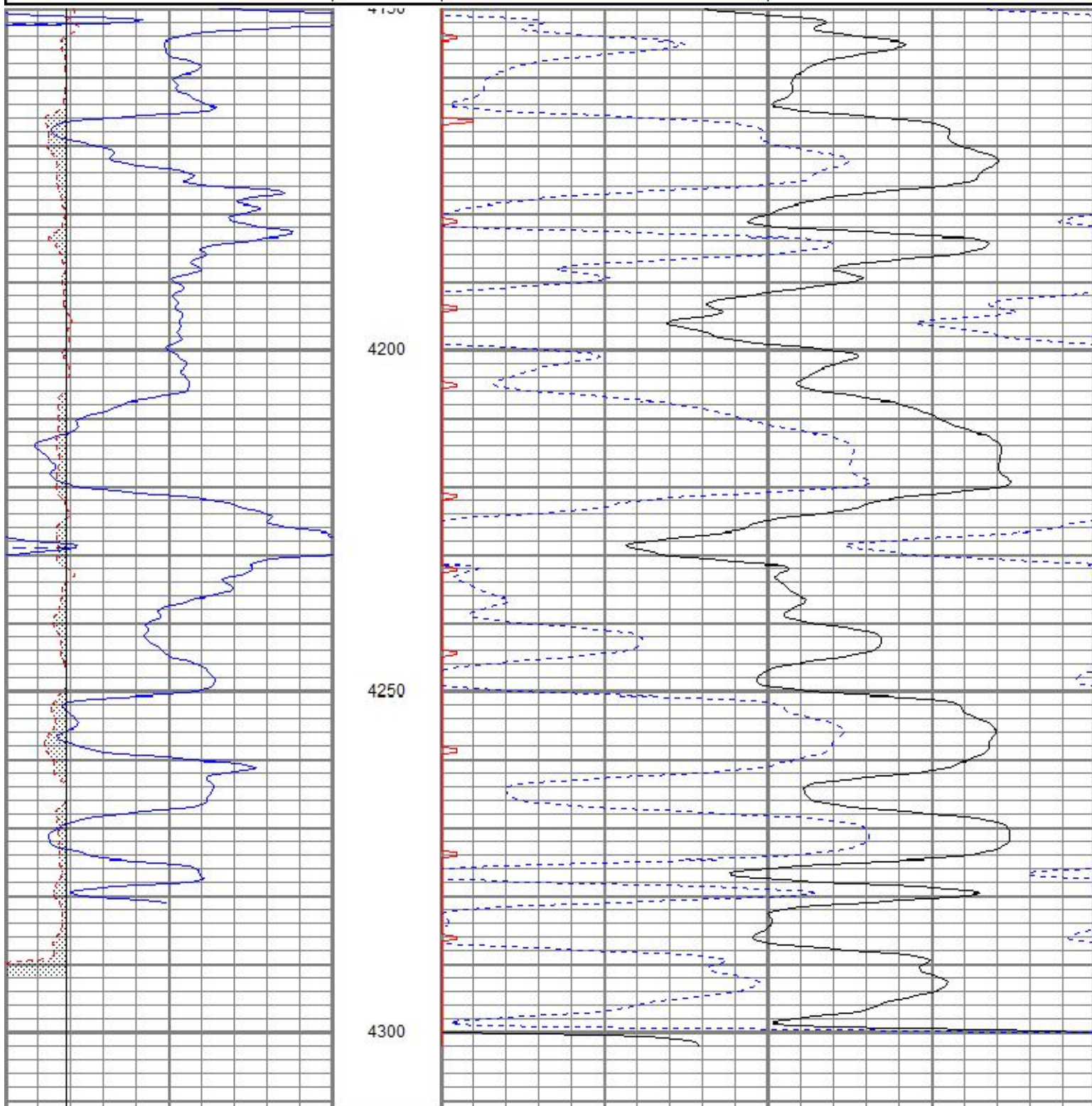
140	DT (u sec/ft)	40
30	SPOR (pu)	-10
0	ITT (msec)	20



Repeat Pass

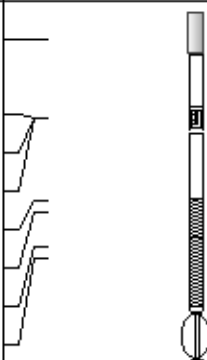
Database File porosisisunit#1oh.db
 Dataset Pathname pass5
 Presentation Format kbcs
 Dataset Creation Wed Sep 14 14:31:32 2016
 Charted by Depth in Feet scaled 1:240

0	GR (GAPI)	150	140	DT (usec/ft)	40
6	MCAL (in)	16	30	SPOR (pu)	-10
6	BOREID (in)	16	0	ITT (msec)	20



6	MCAL (in)	16	30	SPOR (pu)	-10
6	BOREID (in)	16	0	ITT (msec)	20

Calibration Report								
Database File	porosisisunit#1oh.db							
Dataset Pathname	pass5							
Dataset Creation	Wed Sep 14 14:31:32 2016							
Microlog Calibration Report								
Serial-Model:			012-Pengo					
Performed:			Wed Apr 20 21:39:52 2016					
Readings			References				Results	
	Zero	Cal		Zero	Cal		m	b
Normal	0.0073	0.4397	V	0.0000	11.0000	Ohm-m	25.4408	-0.1852
Inverse	0.0081	0.5639	V	0.0000	7.5000	Ohm-m	13.4956	-0.1100
Caliper	2.0530	4.7700	V	7.5000	14.0000	in	2.3924	2.5884
Gamma Ray Calibration Report								
Serial Number:			2001					
Tool Model:			OH					
Performed:			Thu Jan 21 09:36:03 2016					
Calibrator Value:			1.0		GAPI			
Background Reading:			0.0		cps			
Calibrator Reading:			1.0		cps			
Sensitivity:			0.2400		GAPI/cps			

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	27.88		GR-OH (2001) 2001	3.56	3.25	40.00
MCAL	21.05		ML-Pengo (012)	6.97	3.50	100.00
MI	21.05					
MN	21.05					
WVF4	13.79		SLT-G (101127) Sonic	15.71	3.50	250.00
WVF3	12.79					
WVF2	9.79					
WVF1	8.79		CENT-OHshort Open Hole short centralizer	4.04	3.50	50.00
		Dataset:	porosisisunit#1oh.db: field/well/run1/pass5			
		Total length:	30.28 ft			
		Total weight:	440.00 lb			
		O.D.:	3.50 in			