



MICROLOG

Company	VAL ENERGY INC	Location:	API # : 15-035-24772-00-00	Other Services
Well	HOUSE RANCH # 2-29			DIL
Field	CABIN VALLEY			CDLN
County	COWLEY			
State	KANSAS			
Permanent Datum	GL	Elevation	1195	Elevation
Log Measured From	KB			K.B. 1204
Drilling Measured From	KB			D.F. 1203
				G.L. 1195
Date	11-2-2022			
Run Number	ONE			
Depth Driller	3399			
Depth Logger	3407			
Bottom Logged Interval	3405			
Top Log Interval	SURFACE			
Casing Driller	8.625" @ 315'			
Casing Logger	8.625" @ 315'			
Bit Size	7.875"			
Type Fluid in Hole	MUD			
Density / Viscosity	9.4 48			
pH / Fluid Loss				
Source of Sample	PIT			
Rm @ Meas. Temp	2.3 @ 70			
Rmf @ Meas. Temp	1.84 @ 70			
Rmc @ Meas. Temp	2.76 @ 70			
Source of Rmf / Rmc	CALCULATED			
Rm @ BHT	1.38 @ 110			
Time Circulation Stopped	9:30 PM			
Time Logger on Bottom	1:30 AM			
Maximum Recorded Temperature	110			
Equipment Number	OW2			
Location	HOMINY, OK			
Recorded By	SHELDON TYLER			
Witnessed By	MR. WOLFE			

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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

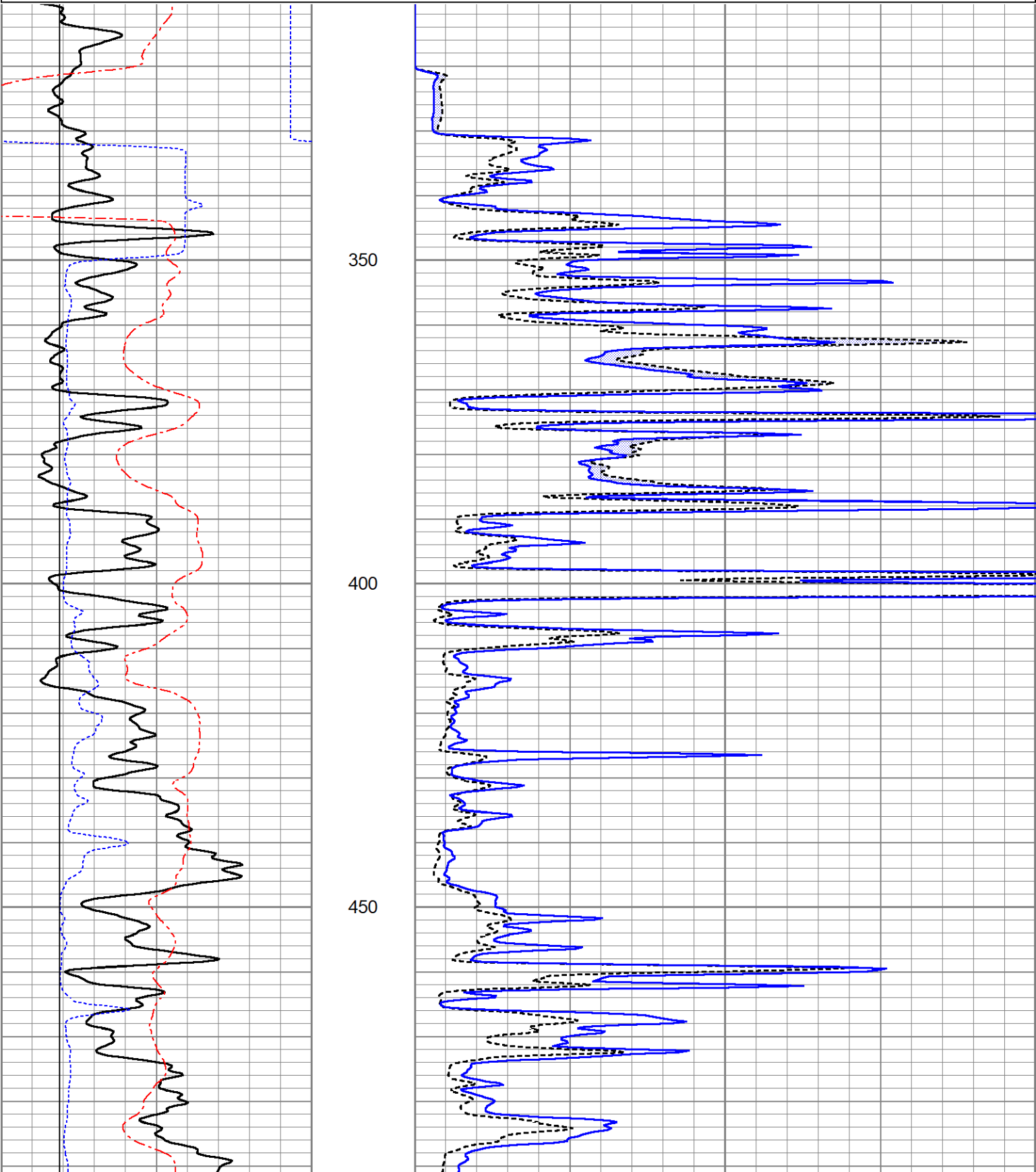
FILE # OW2-9144 VAL ENERGY
KIDD
THANK YOU FOR USING OSAGE WIRELINE



5" MICROLOG

Database File	ow2-9144 val energy.db
Dataset Pathname	pass2.8
Presentation Format	st_digitalmicro_6-16
Dataset Creation	Wed Nov 02 02:42:26 2022
Charted by	Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	0	Micro Normal (Ohm-m)	40
6	Micro Caliper (in)	16	0	Micro Inverse (Ohm-m)	40
6	Bit Size (in)	16			
0	Spontaneous Potential (mV)	200			



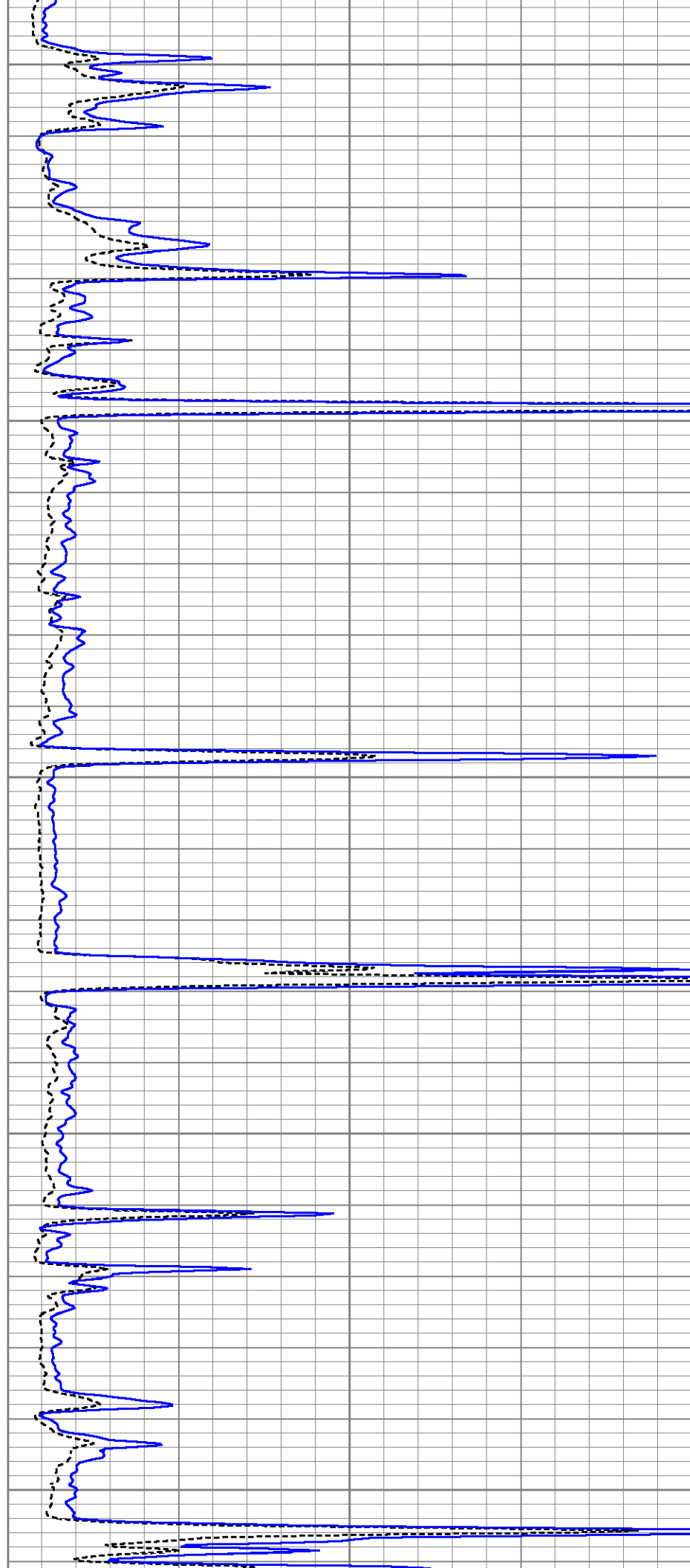
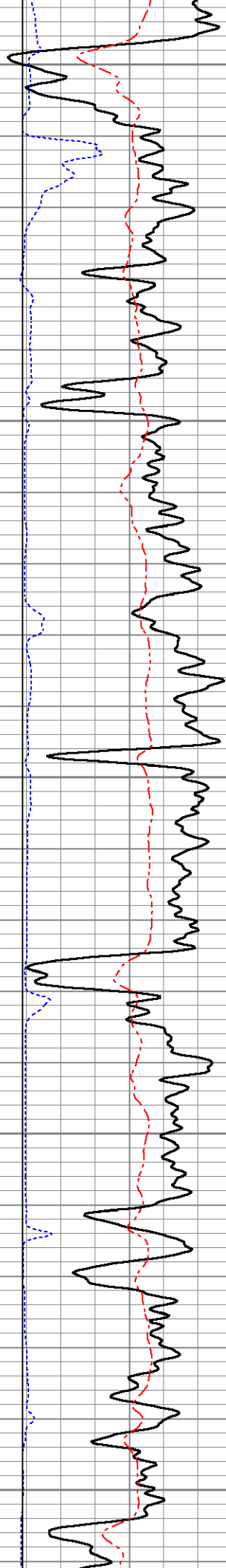
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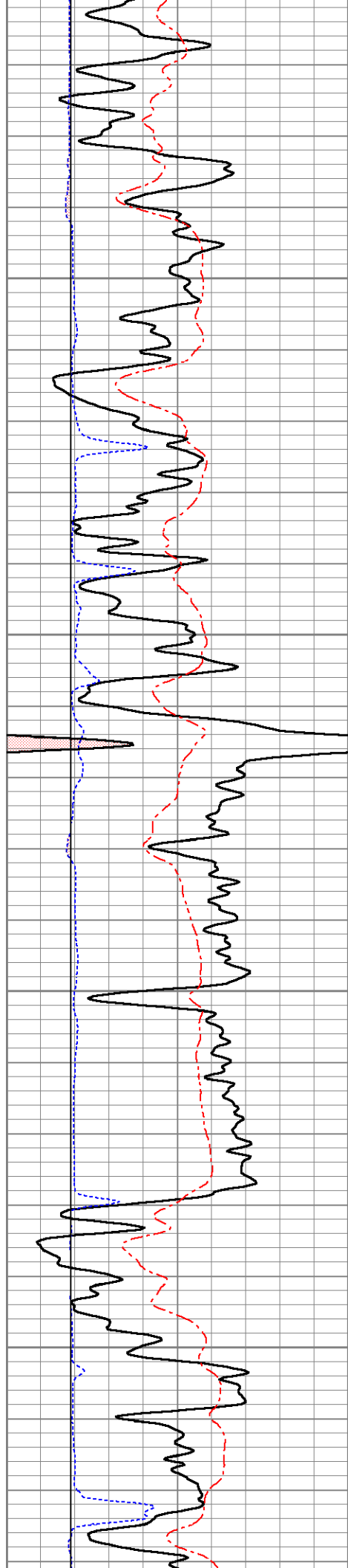
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600

650

700



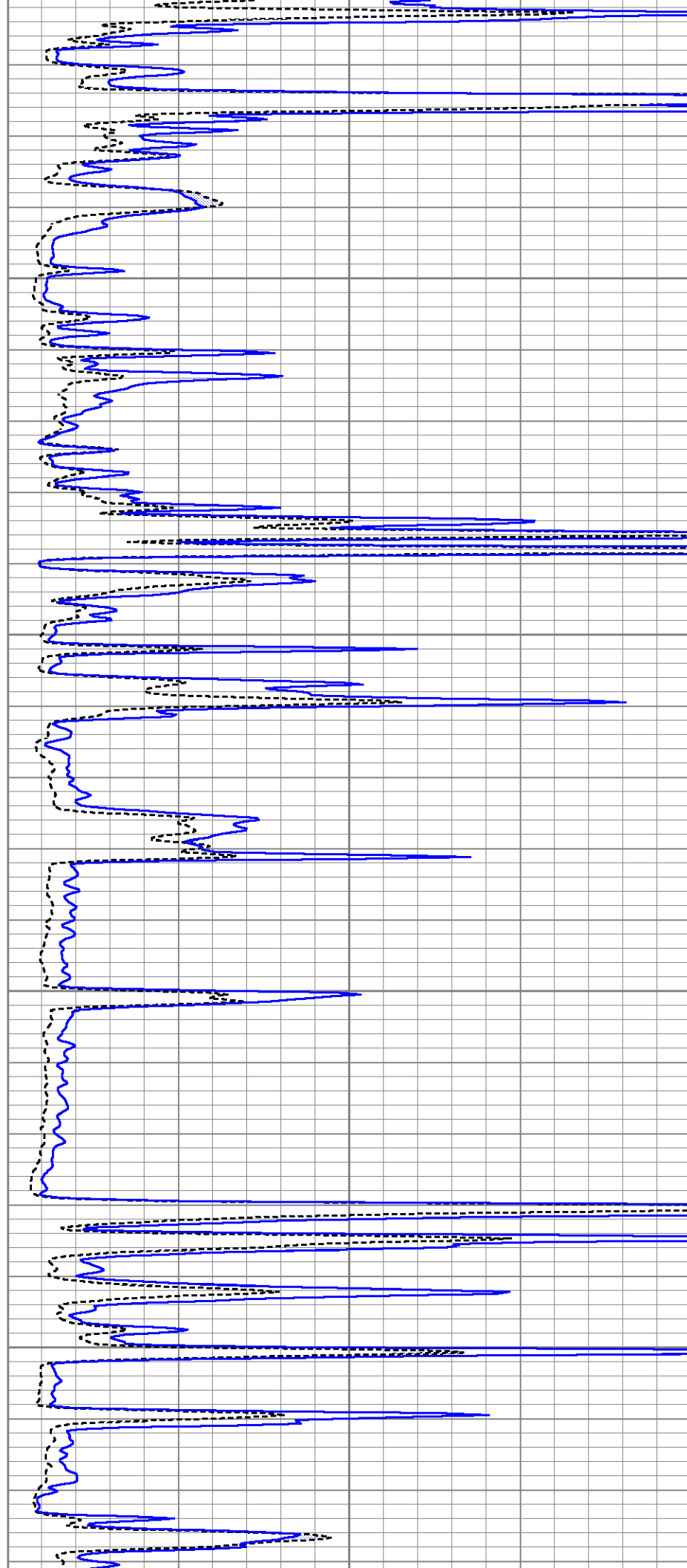


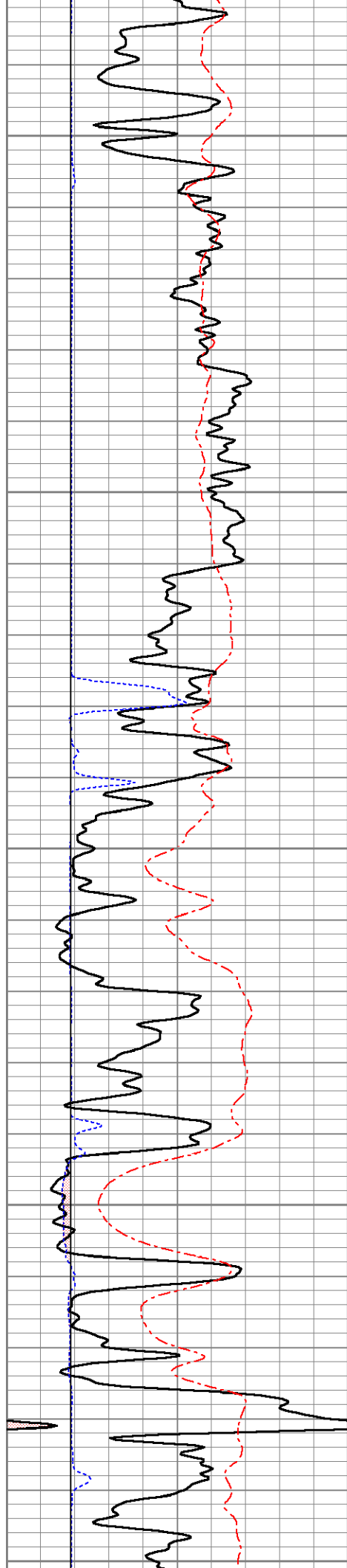
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800

850

900





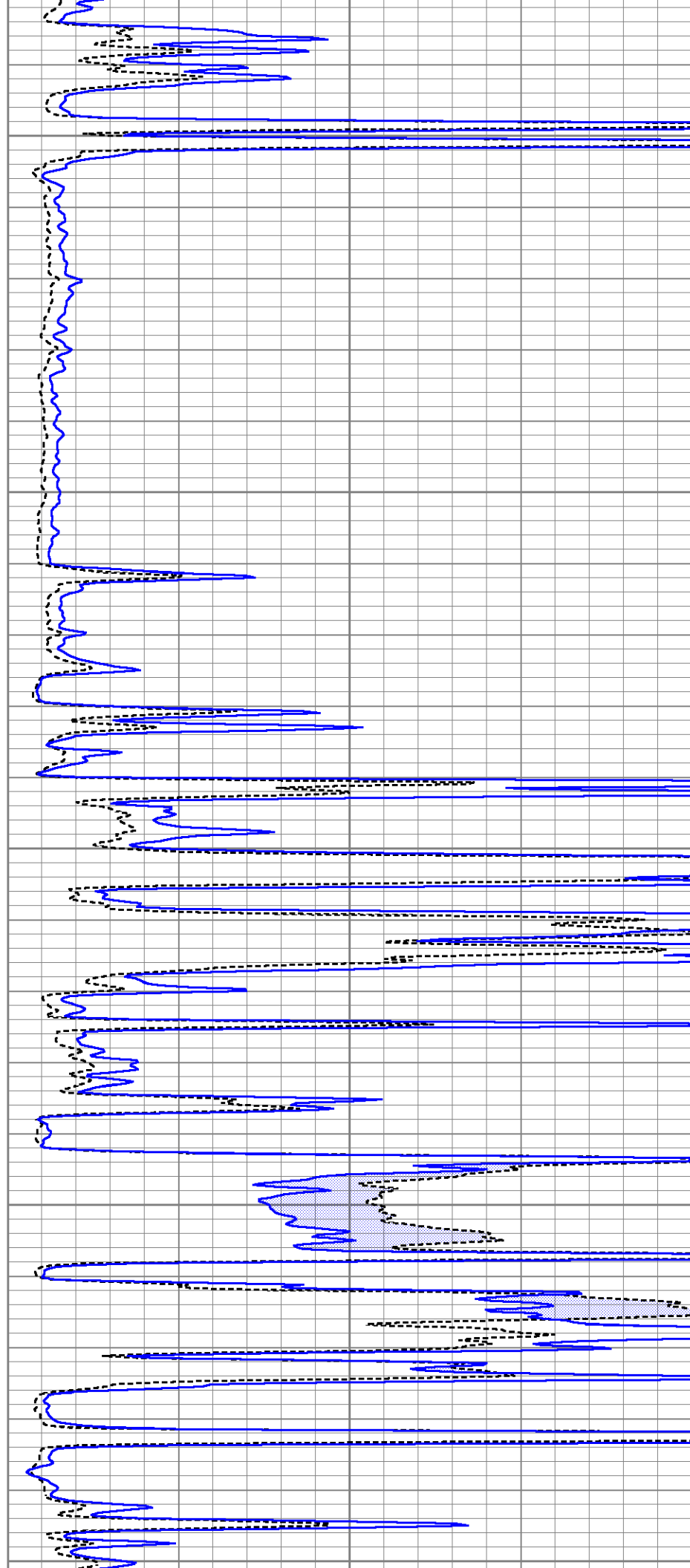
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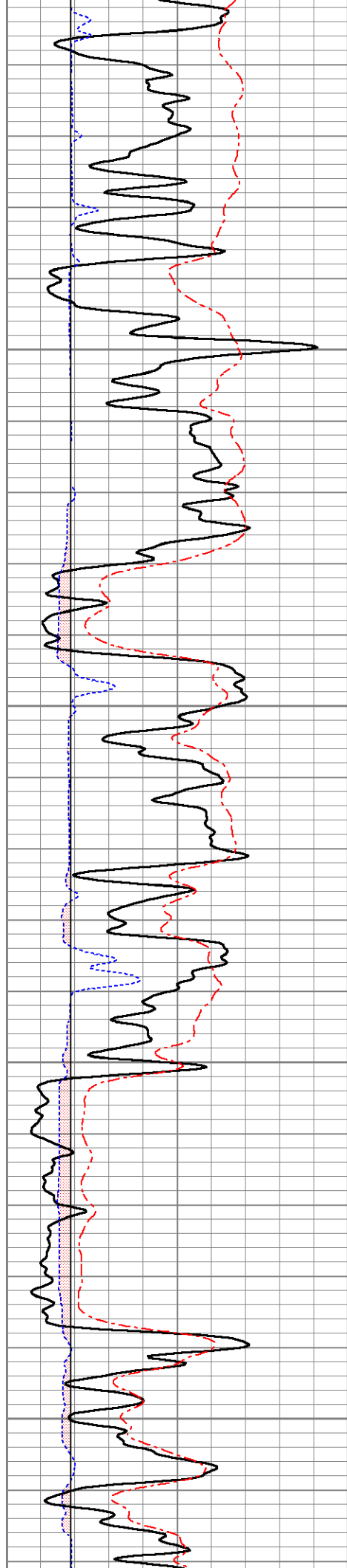
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1050

1100

1150



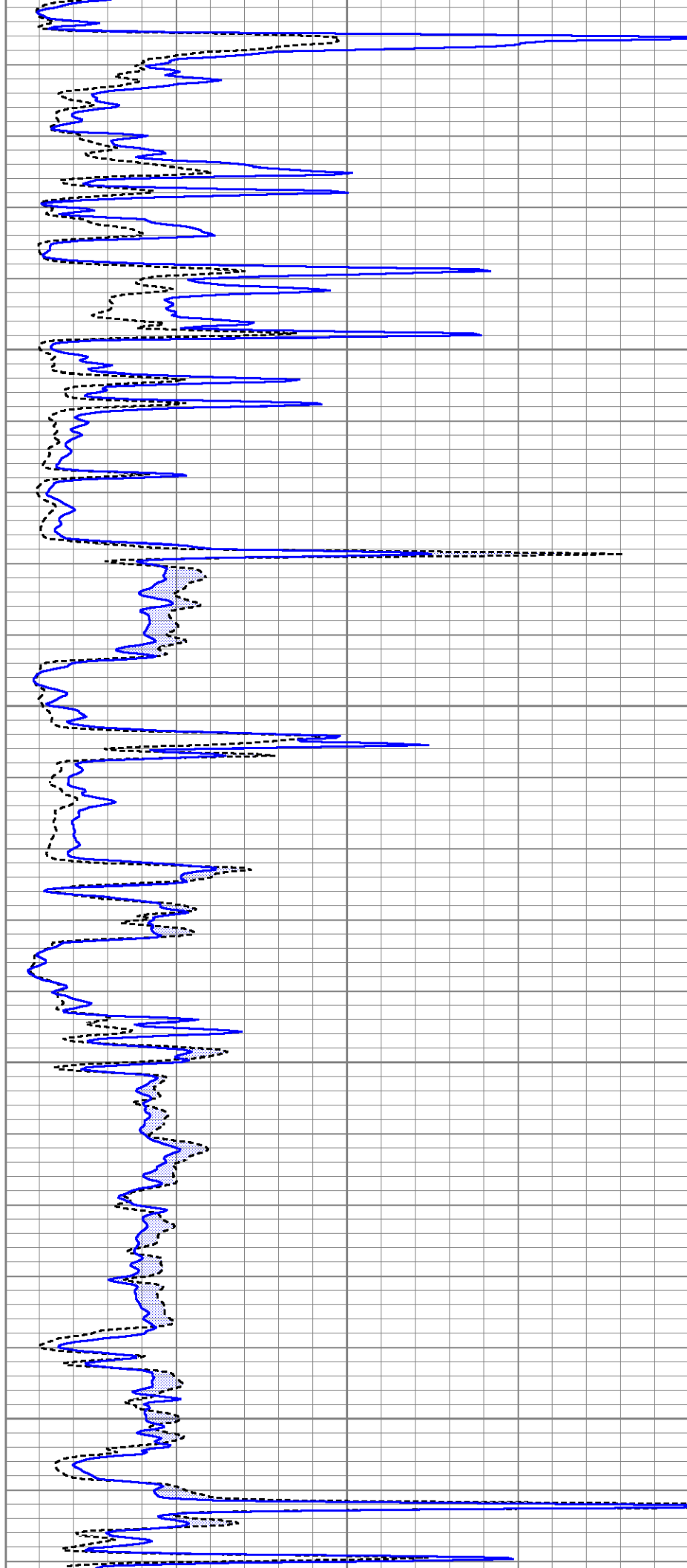


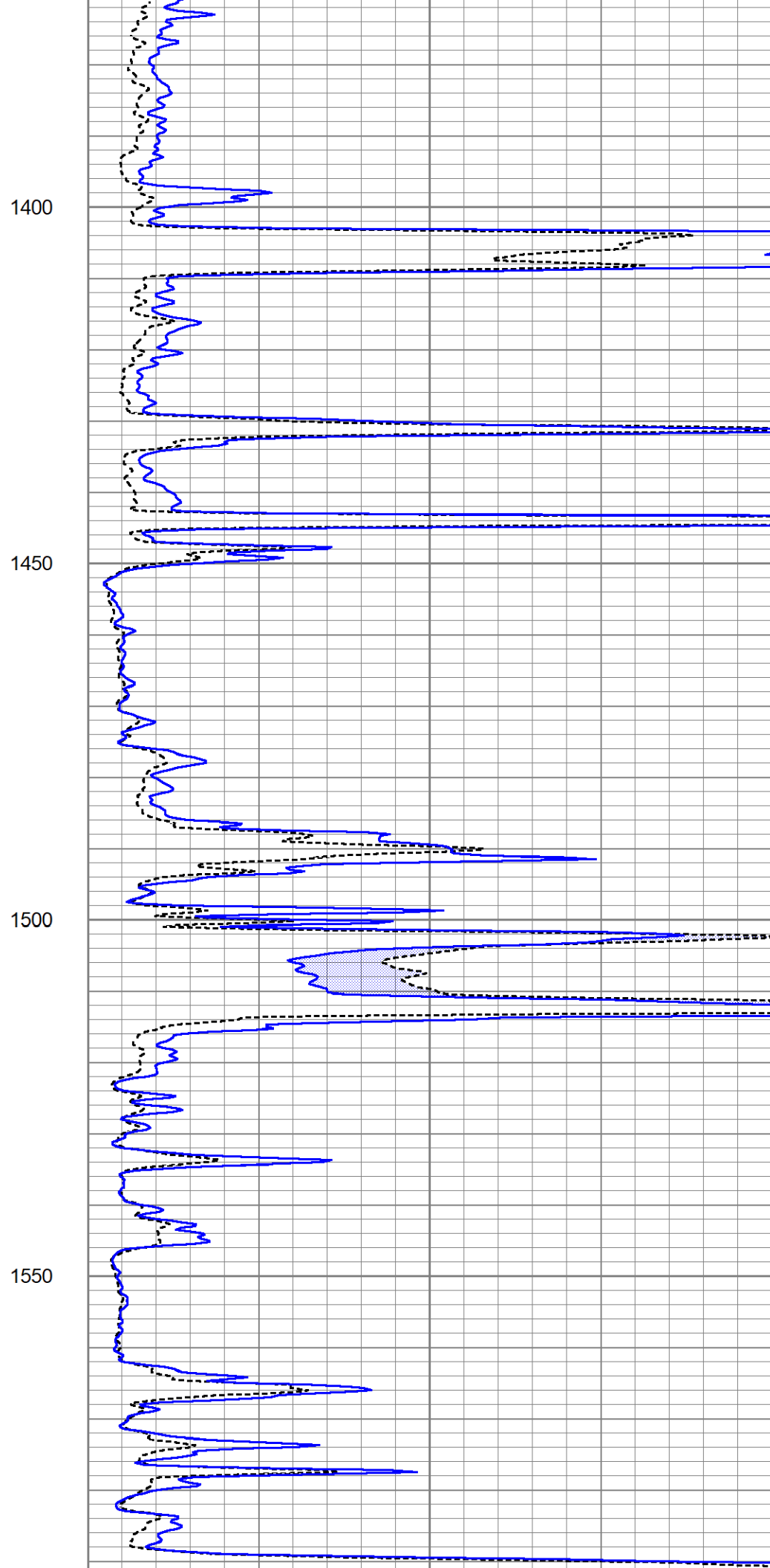
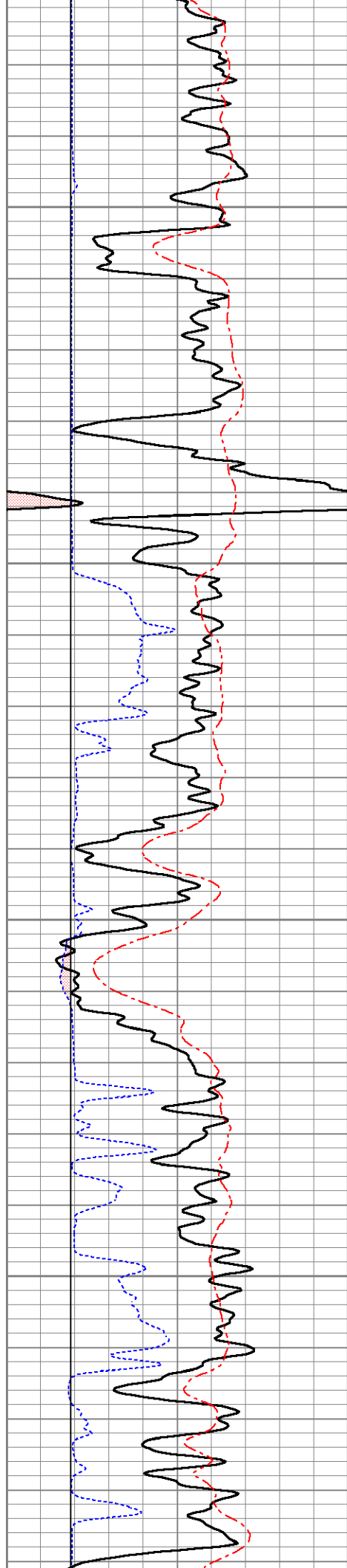
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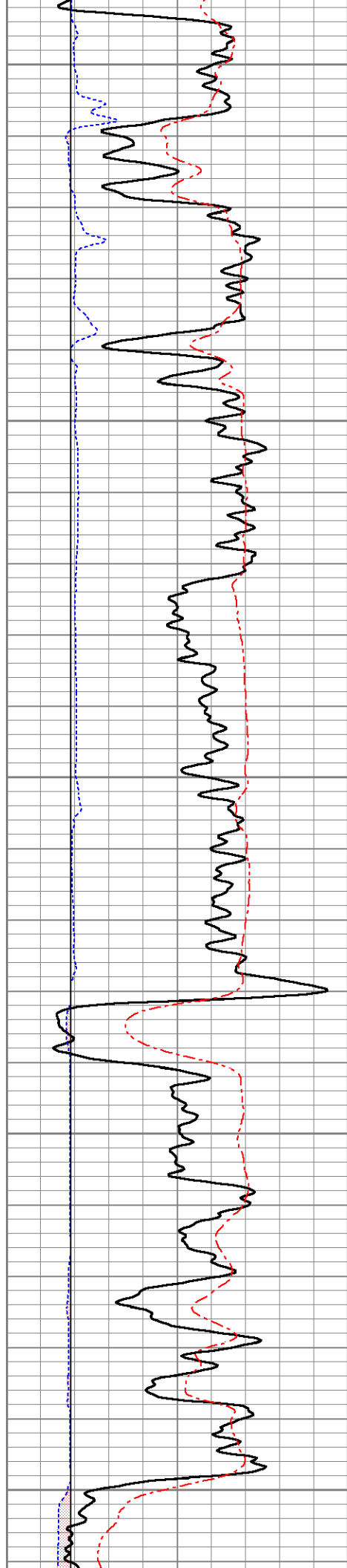
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1300

1350







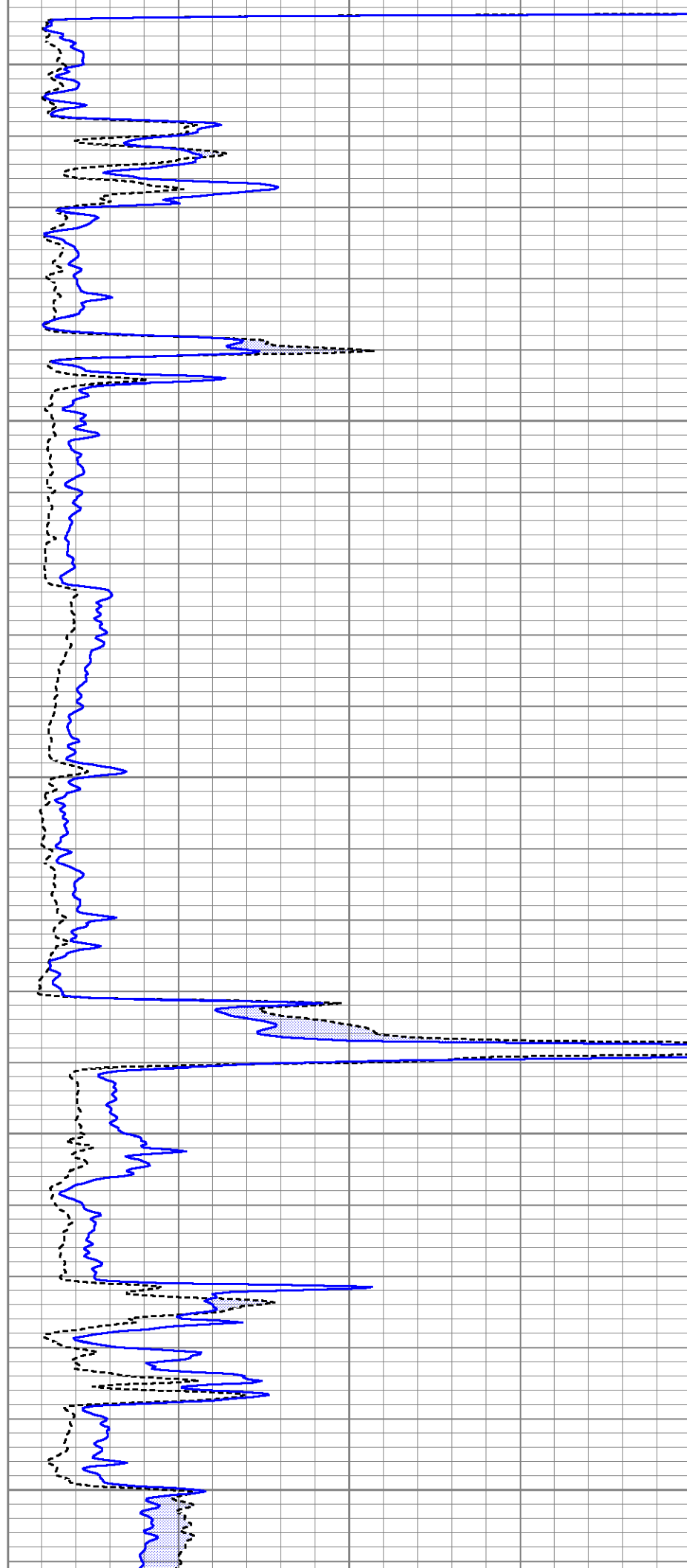
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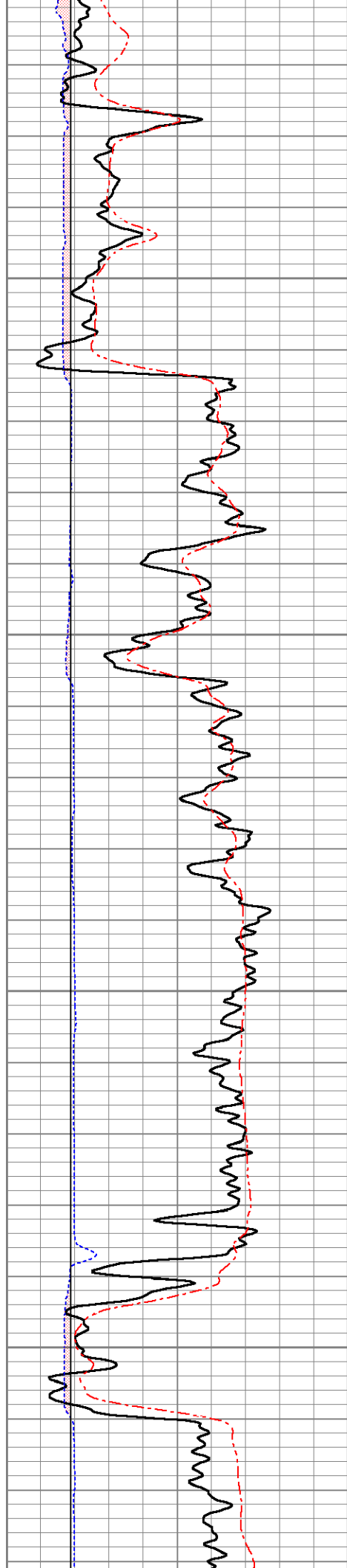
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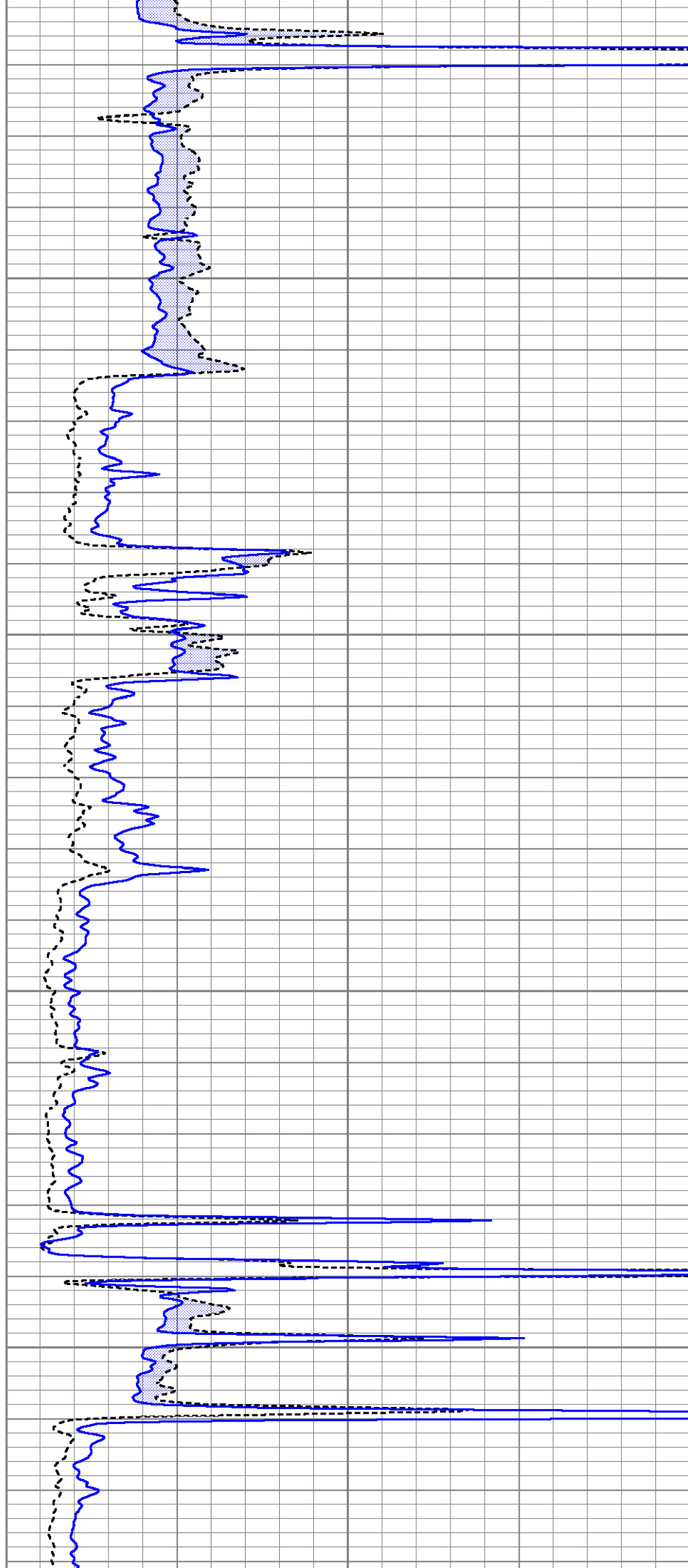


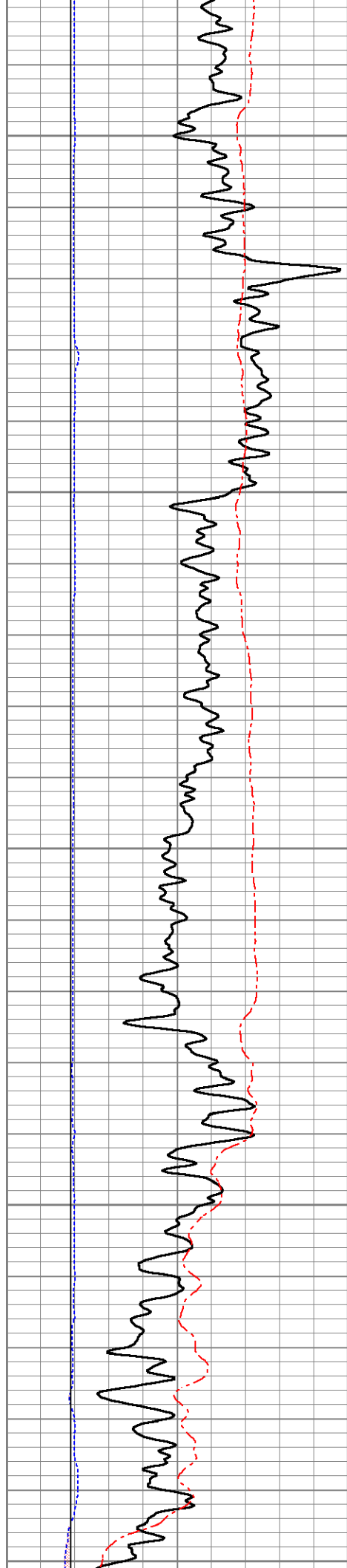
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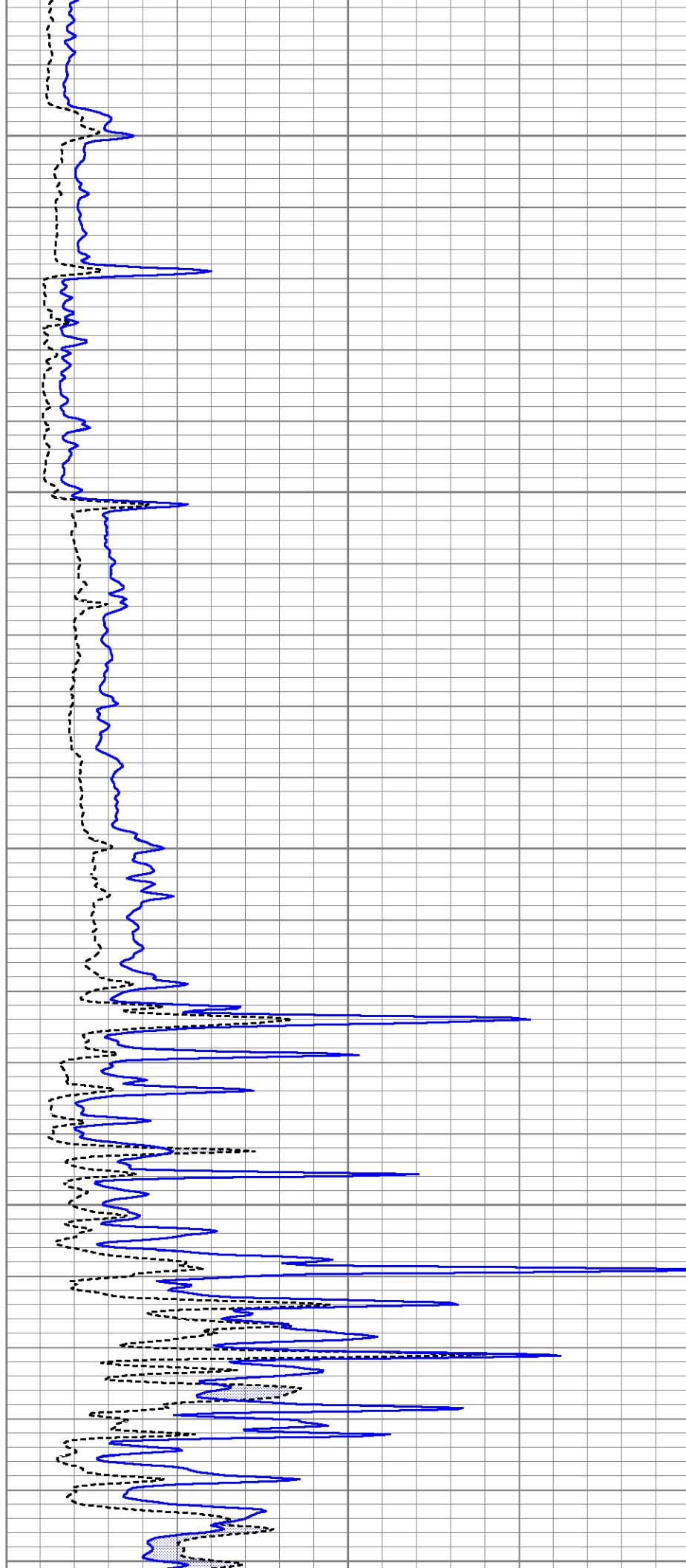
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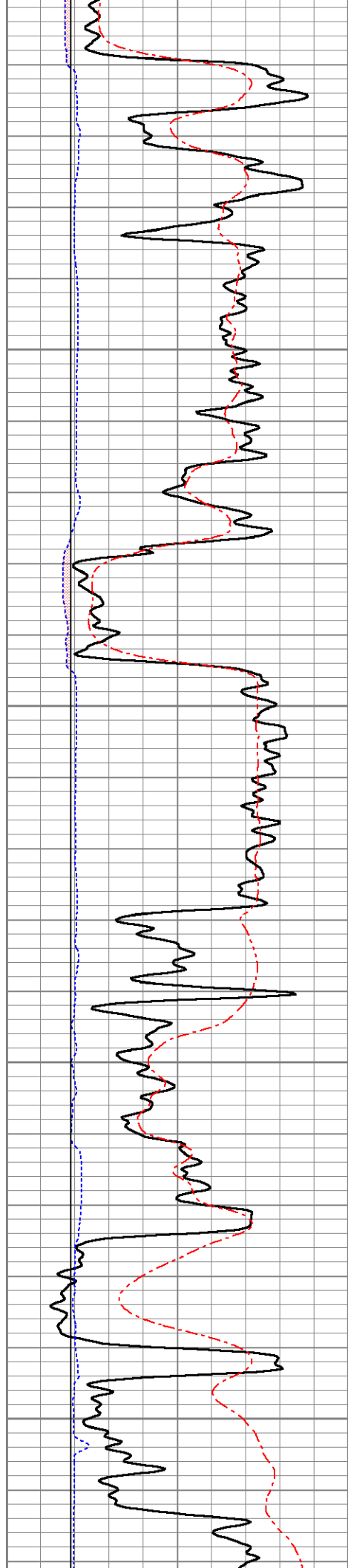
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2150

2200

2250



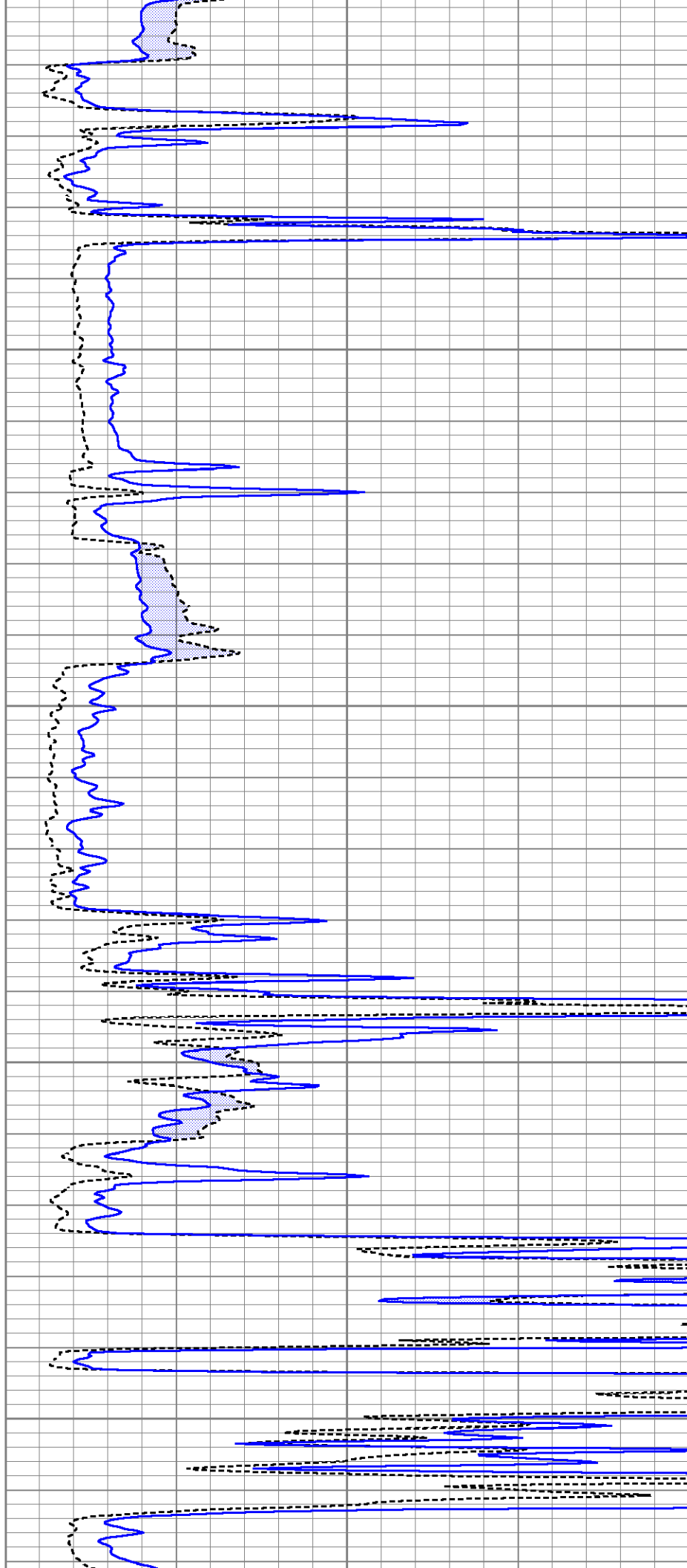


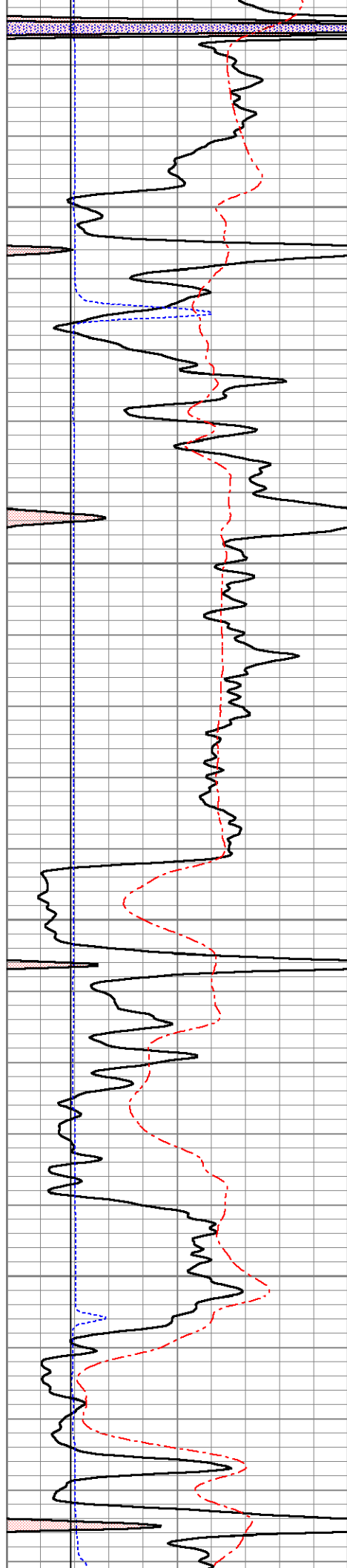
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2450



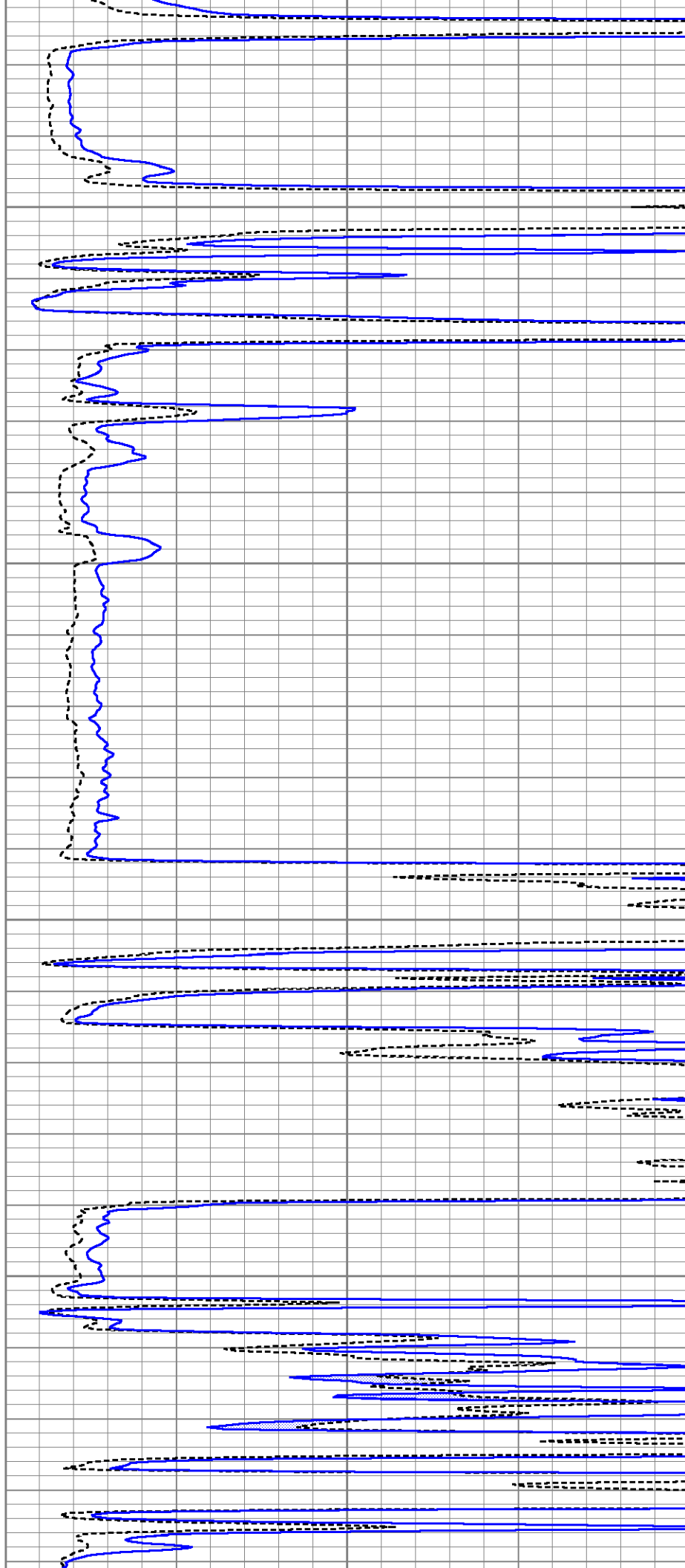


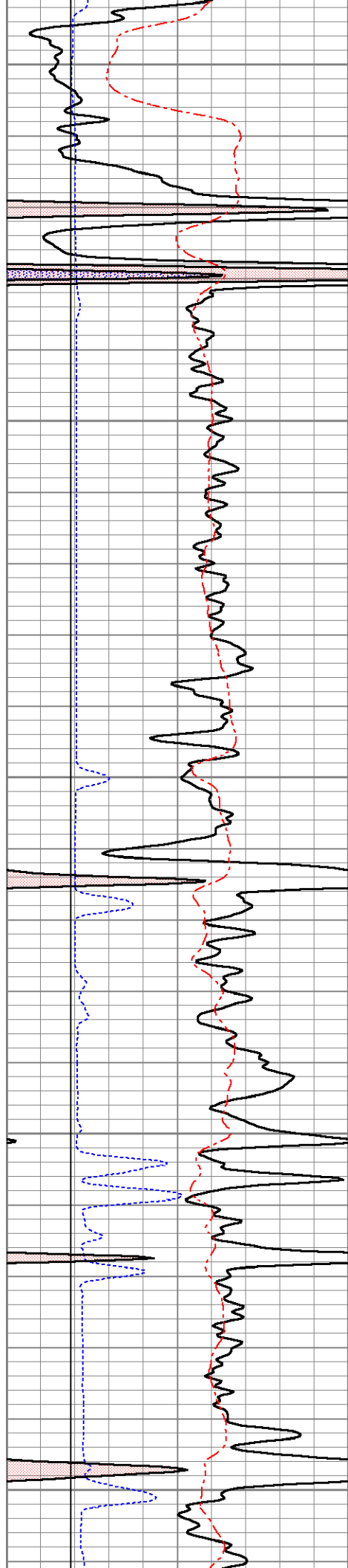
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2600

2650





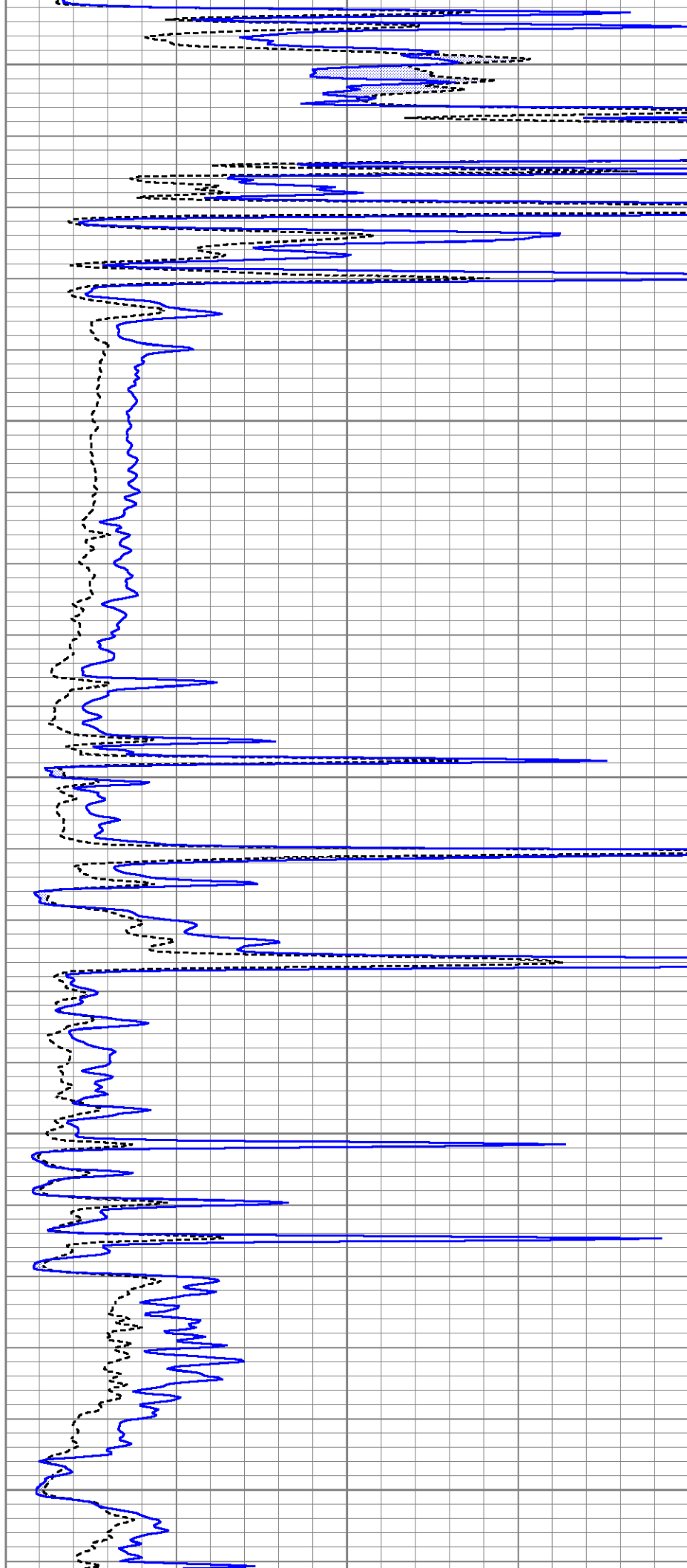
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2800

2850

2900



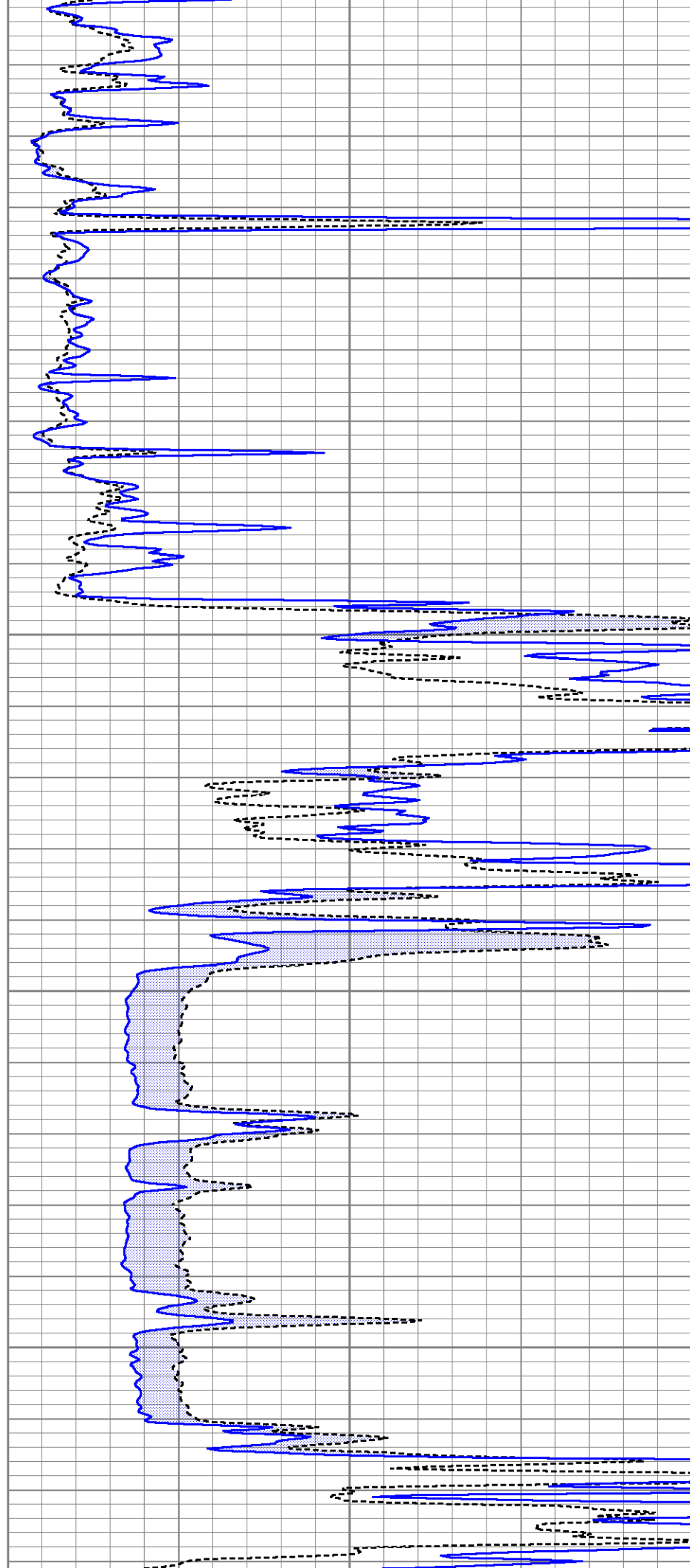


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3050

3100





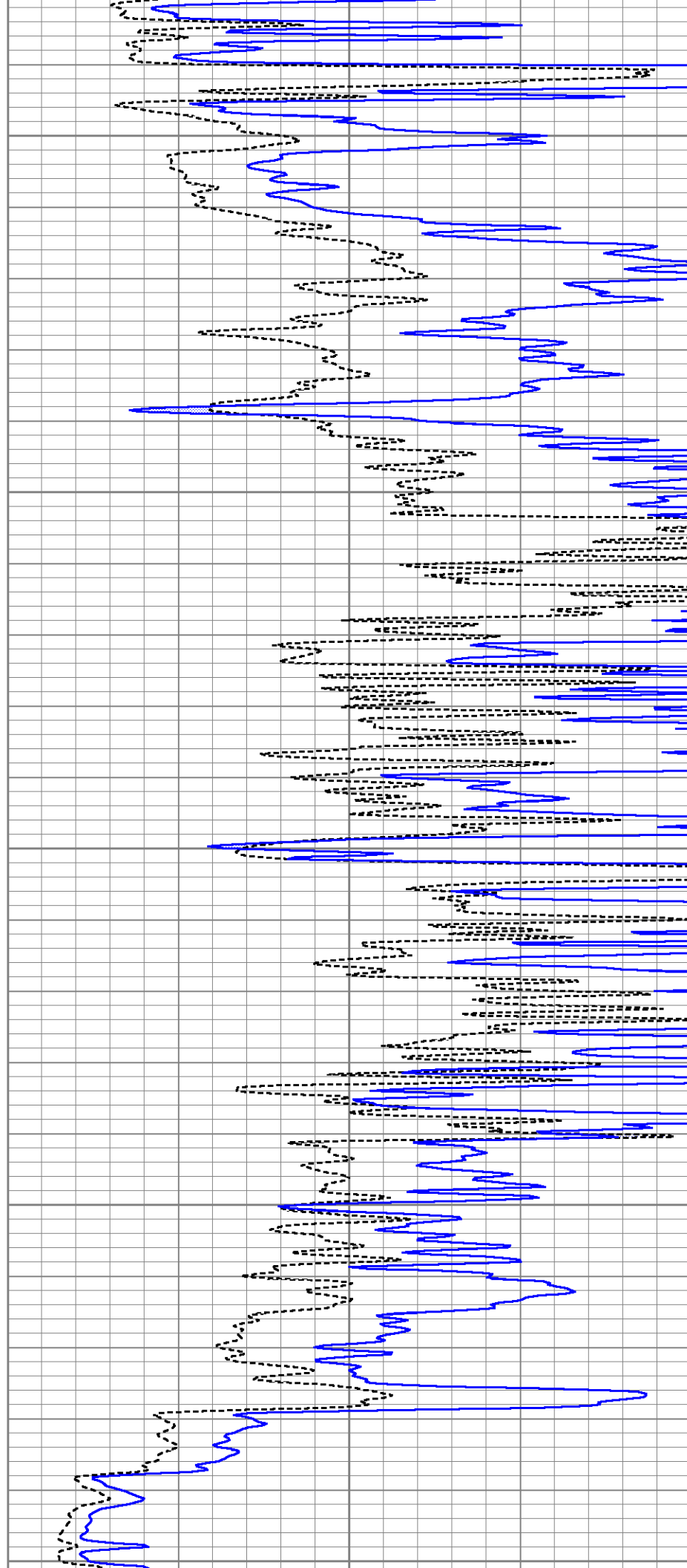
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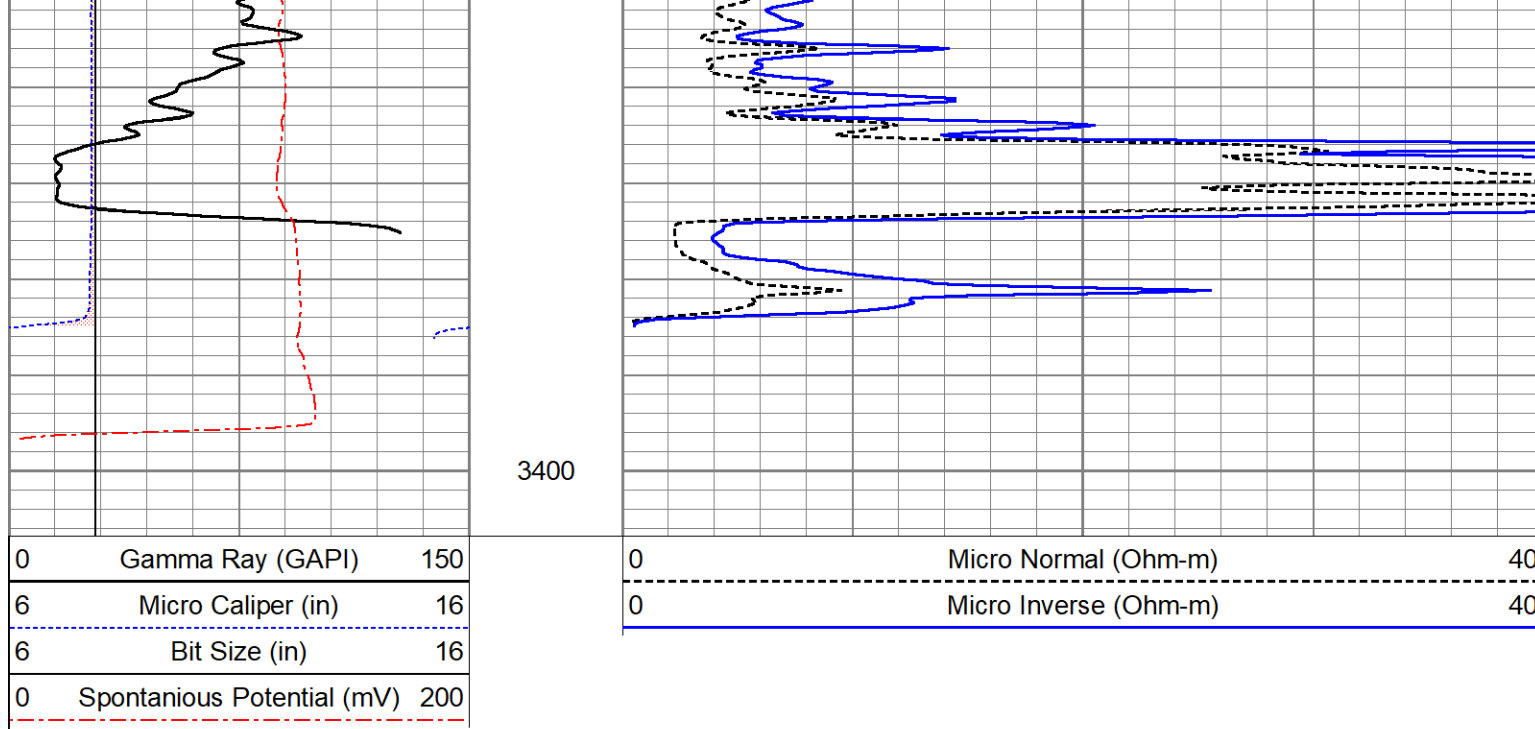
3200

3250

3300

3350





Calibration Report									
Database File	ow2-9144 val energy.db								
Dataset Pathname	pass2.8								
Dataset Creation	Wed Nov 02 02:42:26 2022								
Dual Induction Calibration Report									
Serial-Model:					BlackTool-G				
Surface Cal Performed:					Tue Aug 9 20:33:47 2022				
Downhole Cal Performed:					Tue Nov 17 10:50:14 2020				
After Survey Verification Performed:					Tue Nov 17 10:50:14 2020				
Surface Calibration									
Readings				References			Results		
Loop:	Air	Loop		Air	Loop		m	b	
Deep	0.007	0.642	V	12.000	400.000	mmho/m	611.149	7.770	
Medium	0.010	0.728	V	-14.250	450.000	mmho/m	645.924	-20.507	
Internal:	Zero	Cal		Zero	Cal		m	b	
Deep	0.007	0.642	V	0.000	350.000	mmho/m	550.717	-3.768	
Medium	0.010	0.729	V	0.000	550.000	mmho/m	764.510	-7.354	
Downhole Calibration									
Readings				References			Results		
	Zero	Cal		Zero	Cal		m'	b'	
Deep	-2.869	354.028	mmho/m	-0.044	350.323	mmho/m	0.982	2.773	
Medium	-3.741	414.629	mmho/m	-0.037	400.340	mmho/m	0.957	3.543	
LL3		9.500	V		2500.000	Ohm-m			
		0.000	V		20.000	Ohm-m			
		-9.500	V		5000.000	mmho-m			
After Survey Verification									
Readings				Targets			Results		
	Zero	Cal		Zero	Cal		m'	b'	
Deep	0.000	0.000	mmho/m	-2.869	354.028	mmho/m	1.000	0.000	
Medium	0.000	0.000	mmho/m	-3.741	414.629	mmho/m	1.000	0.000	

Medium LL3	0.000	0.000	mmho-m	-5.741	414.029	mmho-m	1.000	0.000
		0.000	Ohm-m		2.000	Ohm-m		
		0.000	Ohm-m		500.000	Ohm-m		
		0.000	mmho-m		1.000	mmho-m		
Microlog Calibration Report								
Serial-Model: Performed:			110861-Osage Wed Oct 5 13:22:55 2022					
	Readings			References			Results	
	Zero	Cal		Zero	Cal		m	b
Normal	-0.0028	0.0887	V	0.0000	10.0000	Ohm-m	109.2780	0.3082
Inverse	-0.0060	0.1128	V	0.0000	10.0000	Ohm-m	84.1775	0.5012
Caliper	0.3482	9.1366	V	5.8000	20.5000	in	1.6727	5.2176
Inclinometer Calibration Report								
Performed:		Thu Oct 8 13:57:38 2020						
		Low Read.	High Read.		Low Ref.	High Ref.		
X Accelerometer		205.00	1843.00		-1.00	1.00	gee	
Y Accelerometer		205.00	1843.00		-1.00	1.00	gee	
Z Accelerometer							gee	
Gamma Ray Calibration Report								
Serial Number:			Refurb01					
Tool Model:			OSAGE_01					
Performed:			Mon Jan 18 09:02:16 2021					
Calibrator Value:			150.0	GAPI				
Background Reading:			125.0	cps				
Calibrator Reading:			875.0	cps				
Sensitivity:			0.2000	GAPI/cps				

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
ACCY	31.04		ADMYR_TELEMETRY-OSAGE_01 (Refurb01) Admyr Telemetry With Gr, Deviation, ADC board and Pulses Board in it.	3.69	3.25	53.00
ACCX	31.04					
GR	29.86					
FRAMES	28.54					
SSTAT	28.54		MICRO_DIG-0sage (110861) Digital Microlog	7.21	5.13	137.00
PSTAT	28.54					
ASTAT	28.54					
MI	23.00					
MN	23.00					
MCAL	22.00					
ASTAT2	21.33					

Tool Joint	Length (ft)	Weight (lb)	O.D. (in)	Material	Notes	SP (ft)	CILD (ft)	CILM (ft)	RLL3 (ft)	TR_Mon (ft)
SP	10.92	21.33	4.00	290.00						
CILD	10.92									
CILM	7.00									
RLL3	1.65									
TR_Mon	0.00									

Dataset: ow2-9144 val energy.db: field/well/run1/pass2.8

Total length: 32.23 ft

Total weight: 480.00 lb

O.D.: 5.13 in