



MICRO RESISTIVITY LOG

Company	O'Brien Energy Resources Corp.	Company	O'Brien Energy Resources Corp.
Well	Rexfords #1-32	Well	Rexfords #1-32
Field	Angell	Field	Angell
County	Meade	County	Meade
State	Kansas	State	Kansas
Location:	API #: 15 119 21442		
	990' FSL & 335' FEL		
Permanent Datum	SEC 32	TWP 32S	RGE 29W
Log Measured From	Ground Level	Elevation	2696'
Drilling Measured From	KB 12' AGL		
	KB		
		Other Services	DIL CDNL
		Elevation	K.B. 2708' D.F. 2707' G.L. 2696'
Date	12-18-19		
Run Number	Two		
Depth Driller	6200'		
Depth Logger	6200'		
Bottom Logged Interval	6198'		
Top Log Interval	4200'		
Casing Driller	8 5/8" @ 1571'		
Casing Logger	1571'		
Bit Size	7 7/8"		
Type Fluid in Hole	Chemical	Chlorides 8500 PPM	
Density / Viscosity	9.3/65		
pH / Fluid Loss	9.5/7.2		
Source of Sample	Calculated		
Rm @ Meas. Temp	0.8@60degf		
Rmt @ Meas. Temp	0.6@60degf		
Rmc @ Meas. Temp	1.0@60degf		
Source of Rmf / Rmc	Calculated		
Rm @ BHT	0.4@120degf		
Time Circulation Stopped	11:00 am		
Time Logger on Bottom	8:50 pm		
Maximum Recorded Temperature	120degf		
Equipment Number	T605		
Location	Hays, KS		
Recorded By	C. Patterson		
Witnessed By	Mr. Pete Debenham		

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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

Meade,KS West to 9 RD, Then South on 9 RD 4.9 mi.,
Then East into Location down existing Lease RD 1/4 mi.

Thank you for using Gemini Wireline
785-625-1182

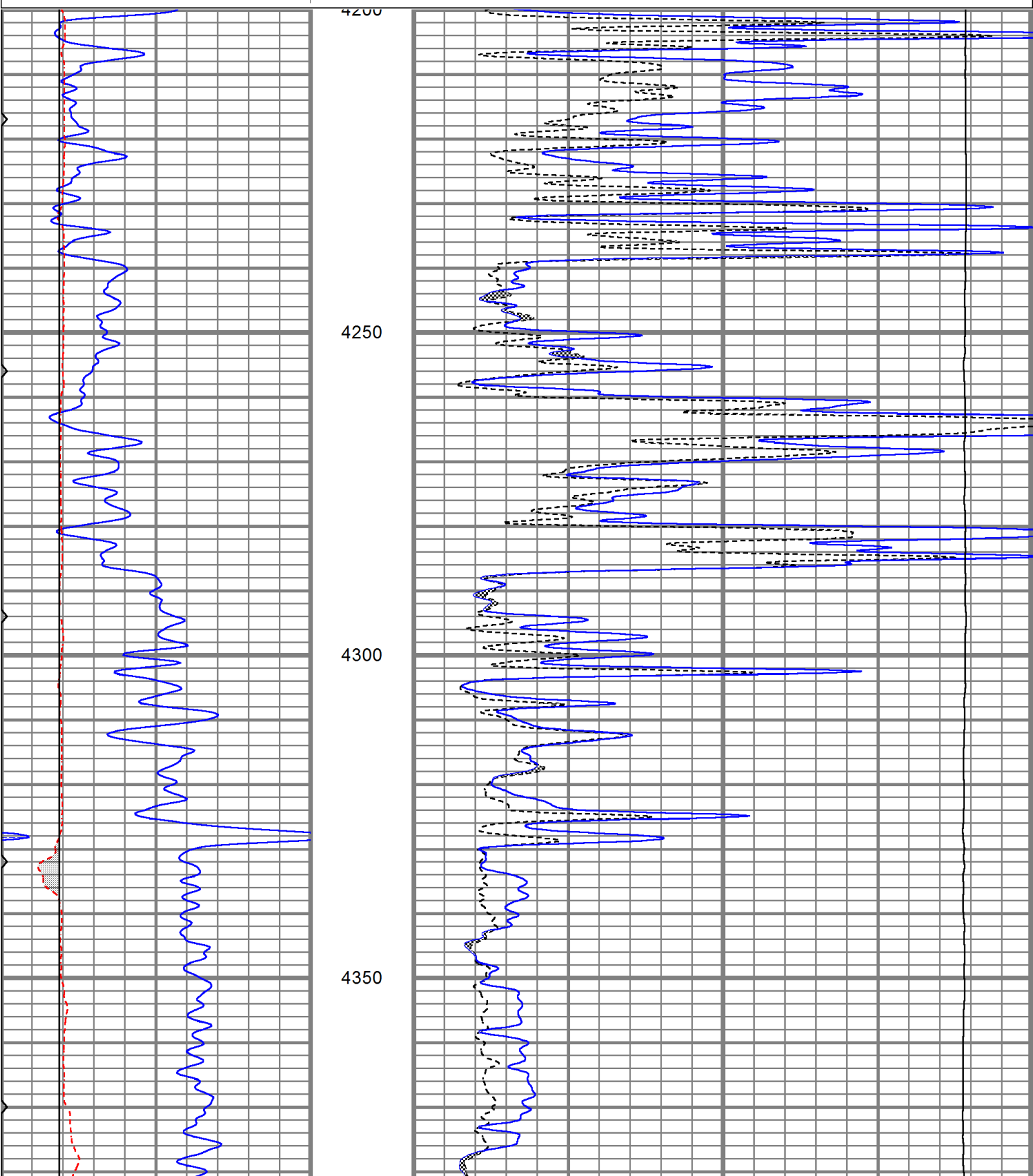


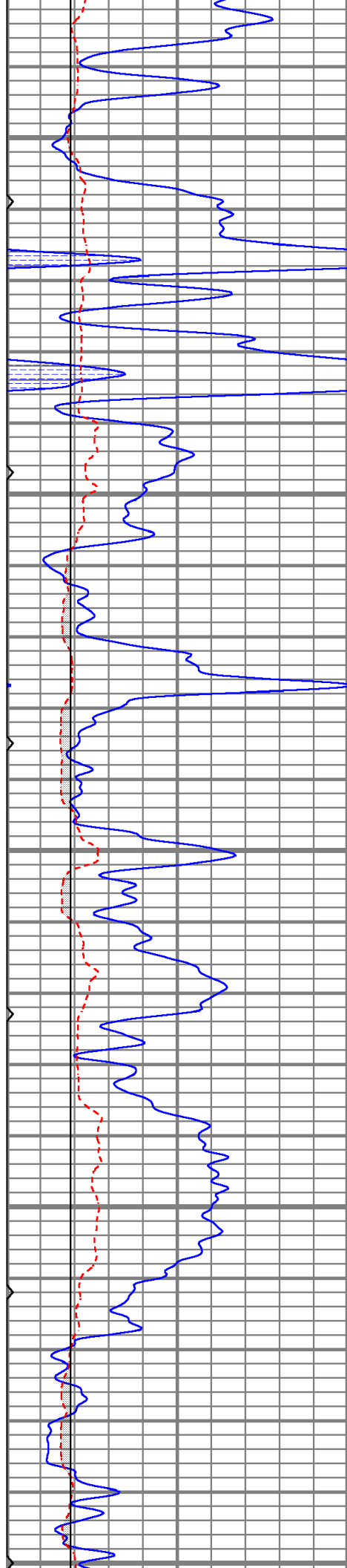
MAIN PASS

Database File	oberexfords#1-32oh.db
Dataset Pathname	pass6.1
Presentation Format	kml
Dataset Creation	Wed Dec 18 22:21:58 2019
Charted by	Depth in Feet scaled 1:240

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

0	MN 2" (Ohm-m)	20
0	MI 1" (Ohm-m)	20
10000	LTEN (lb)	0





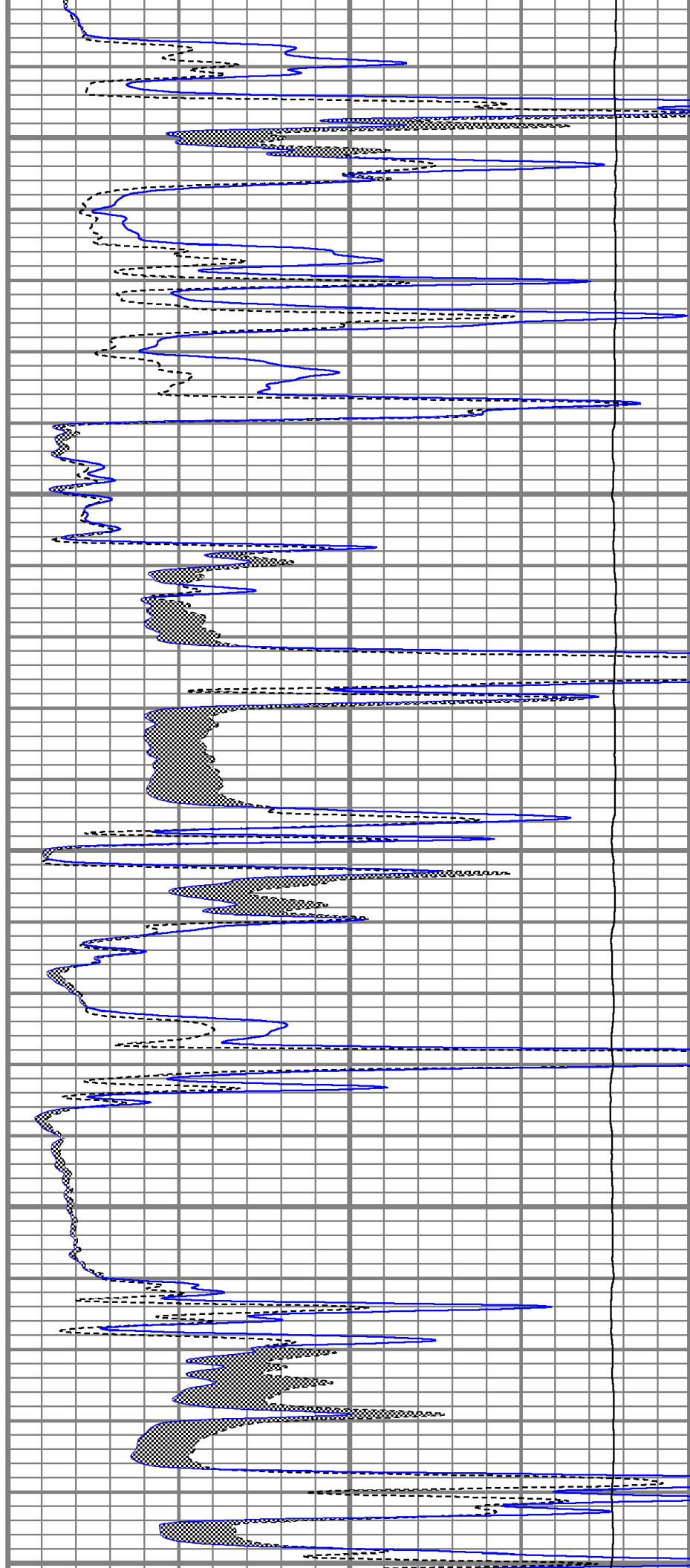
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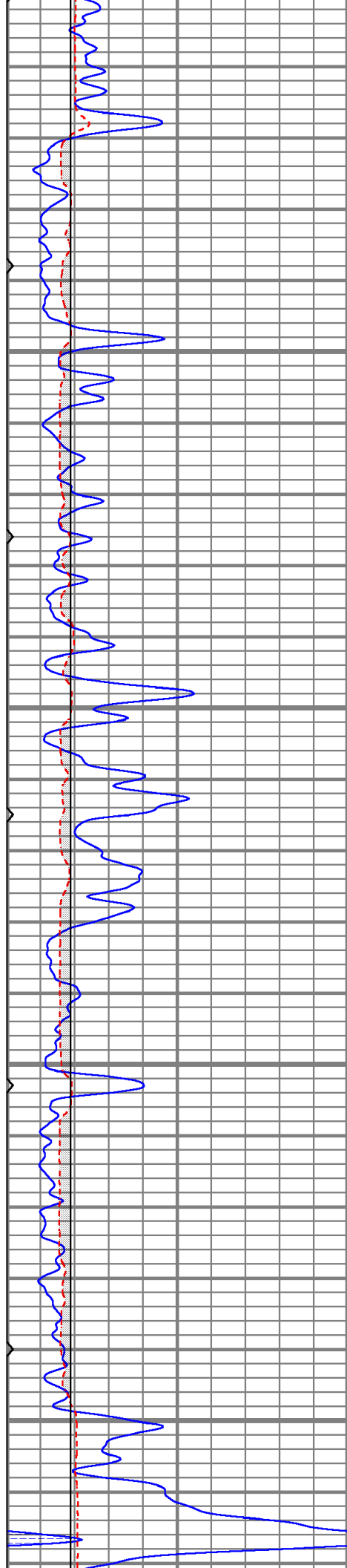
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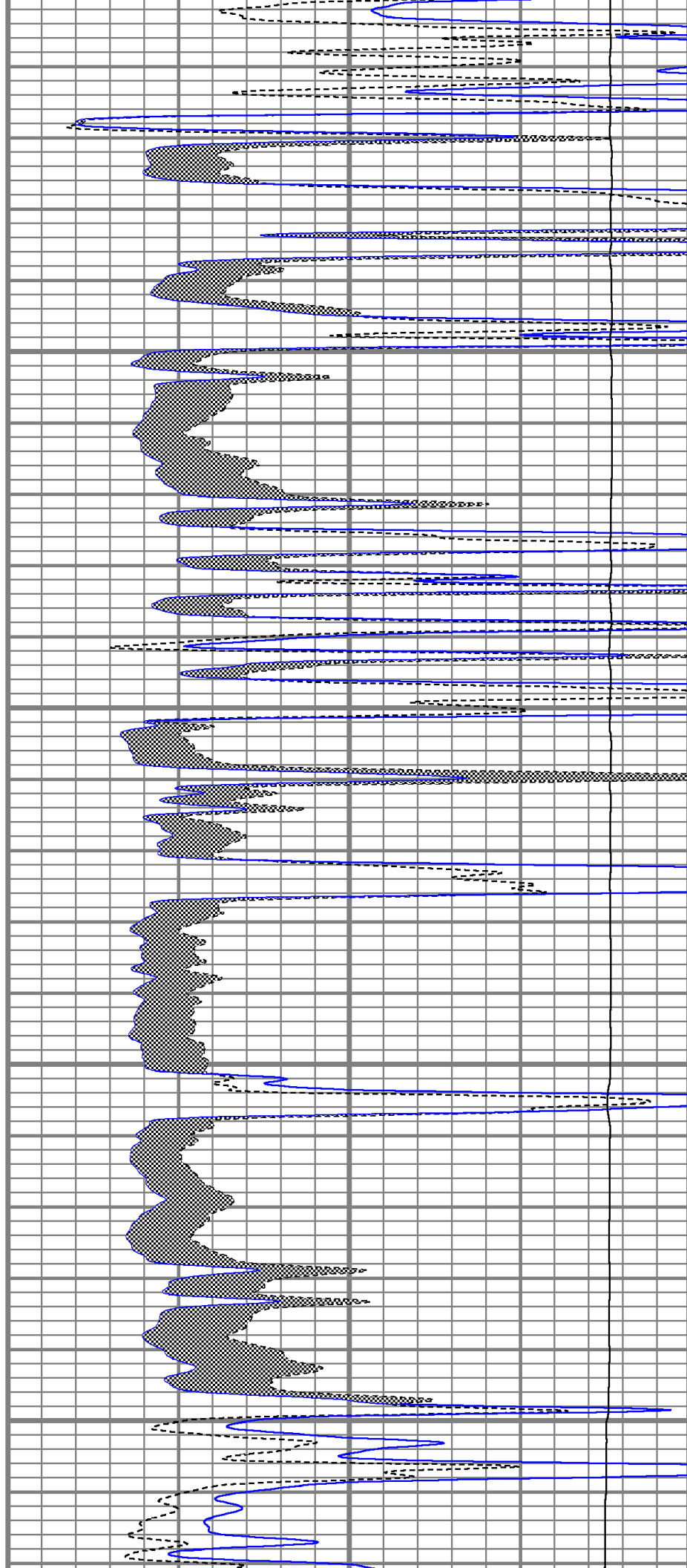


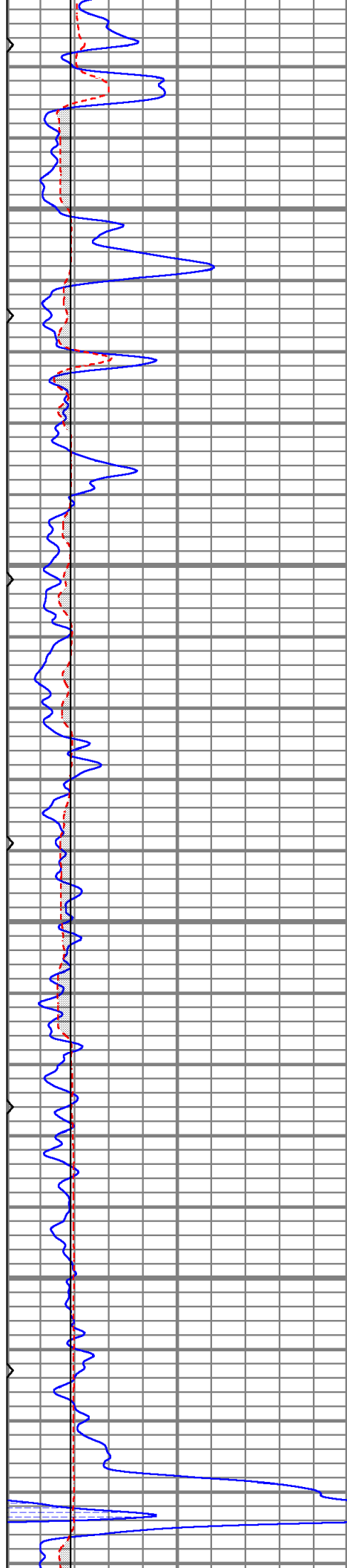
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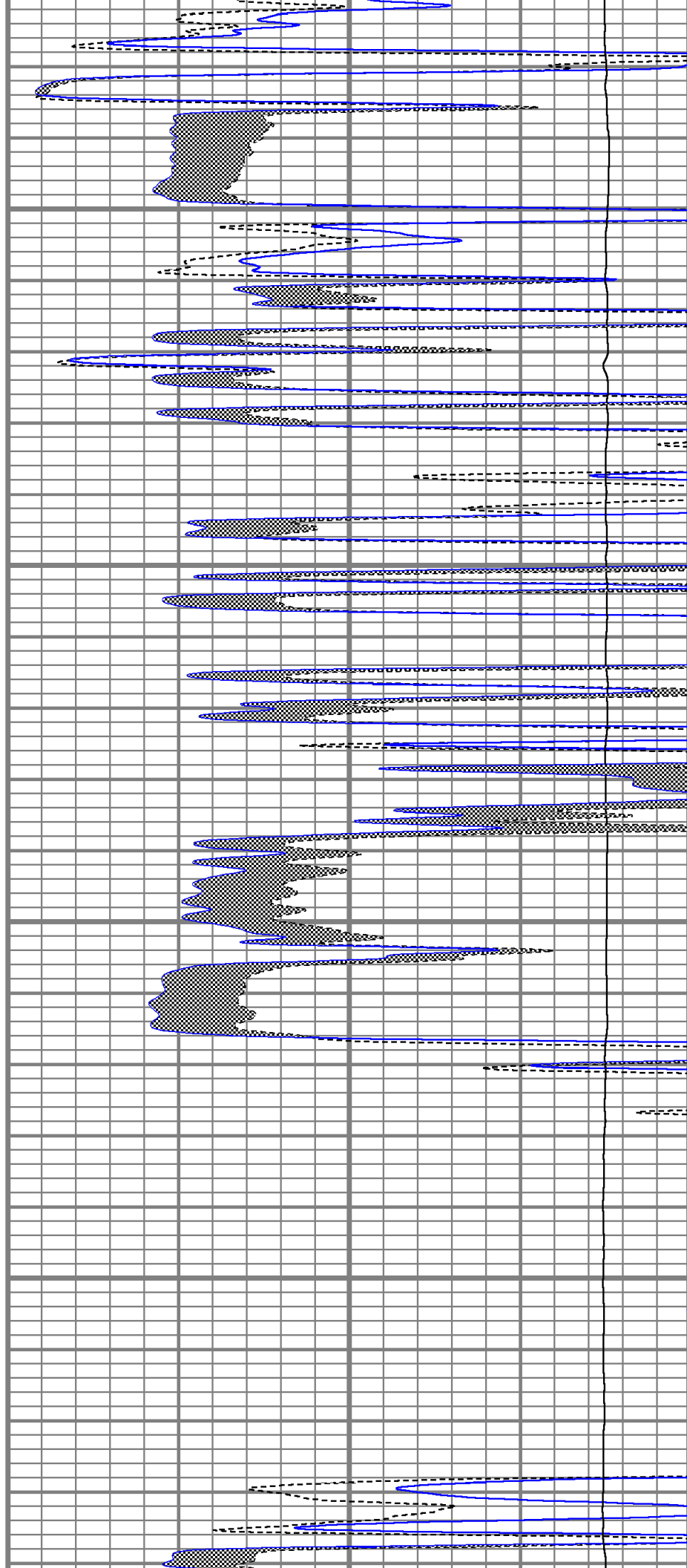


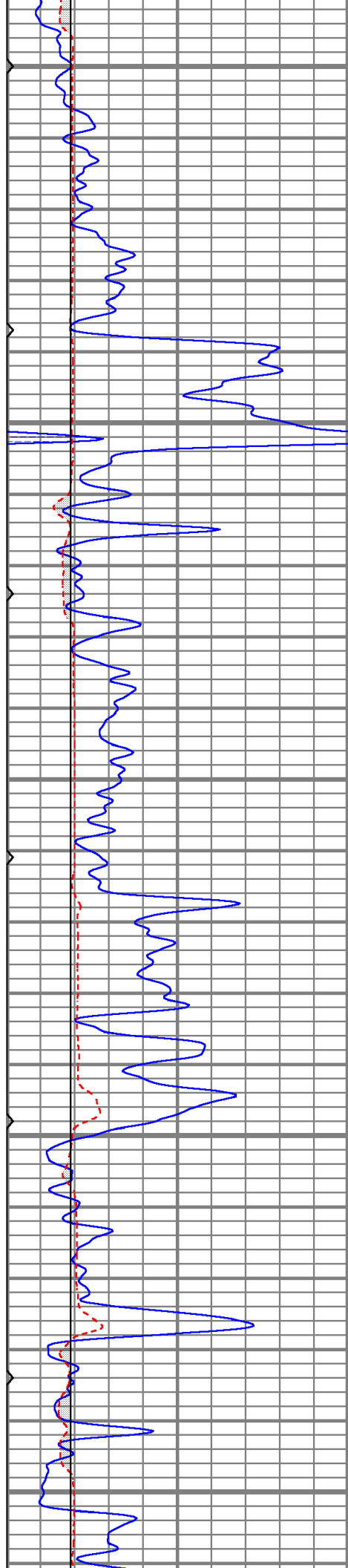
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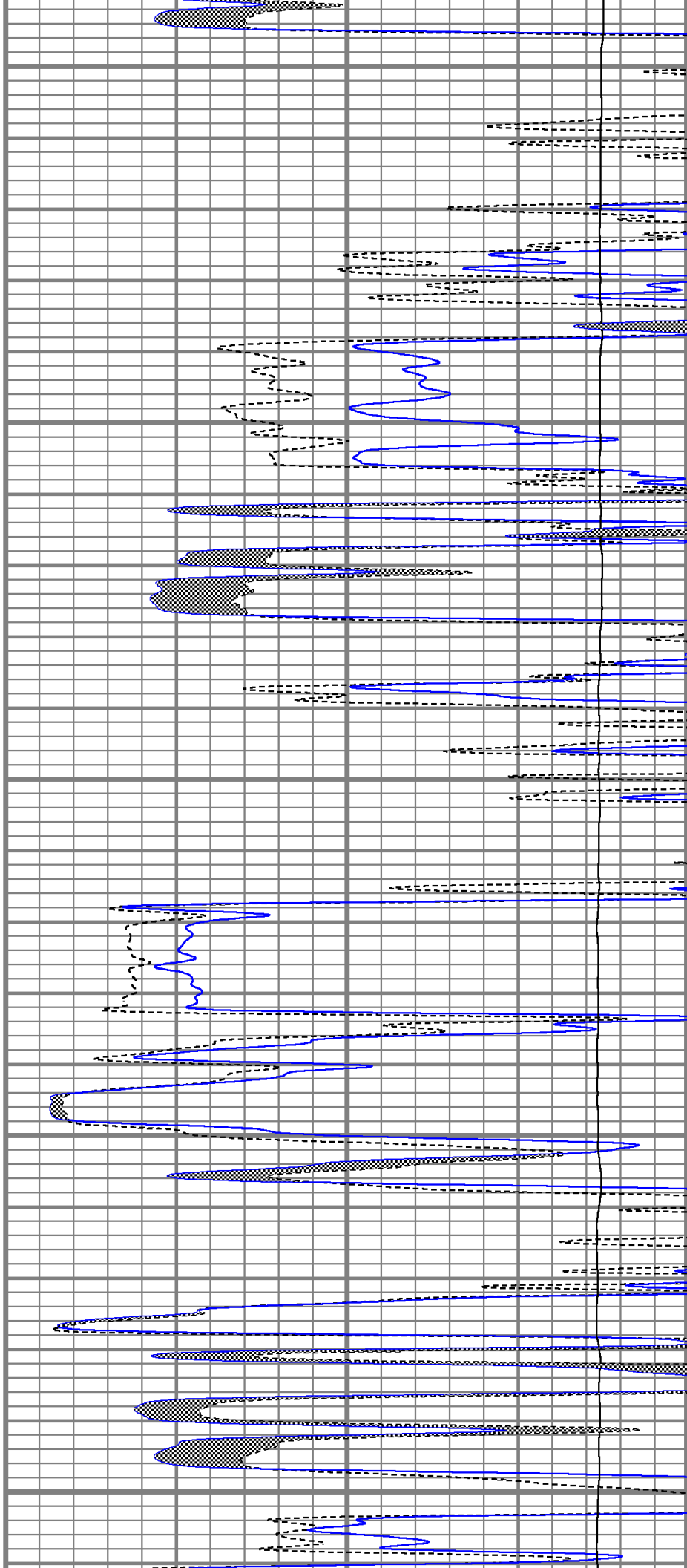
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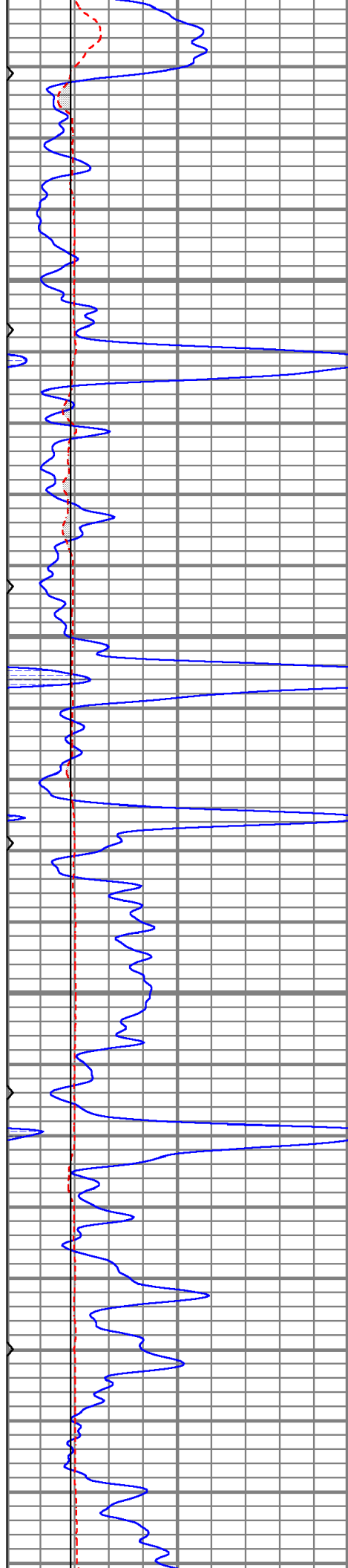
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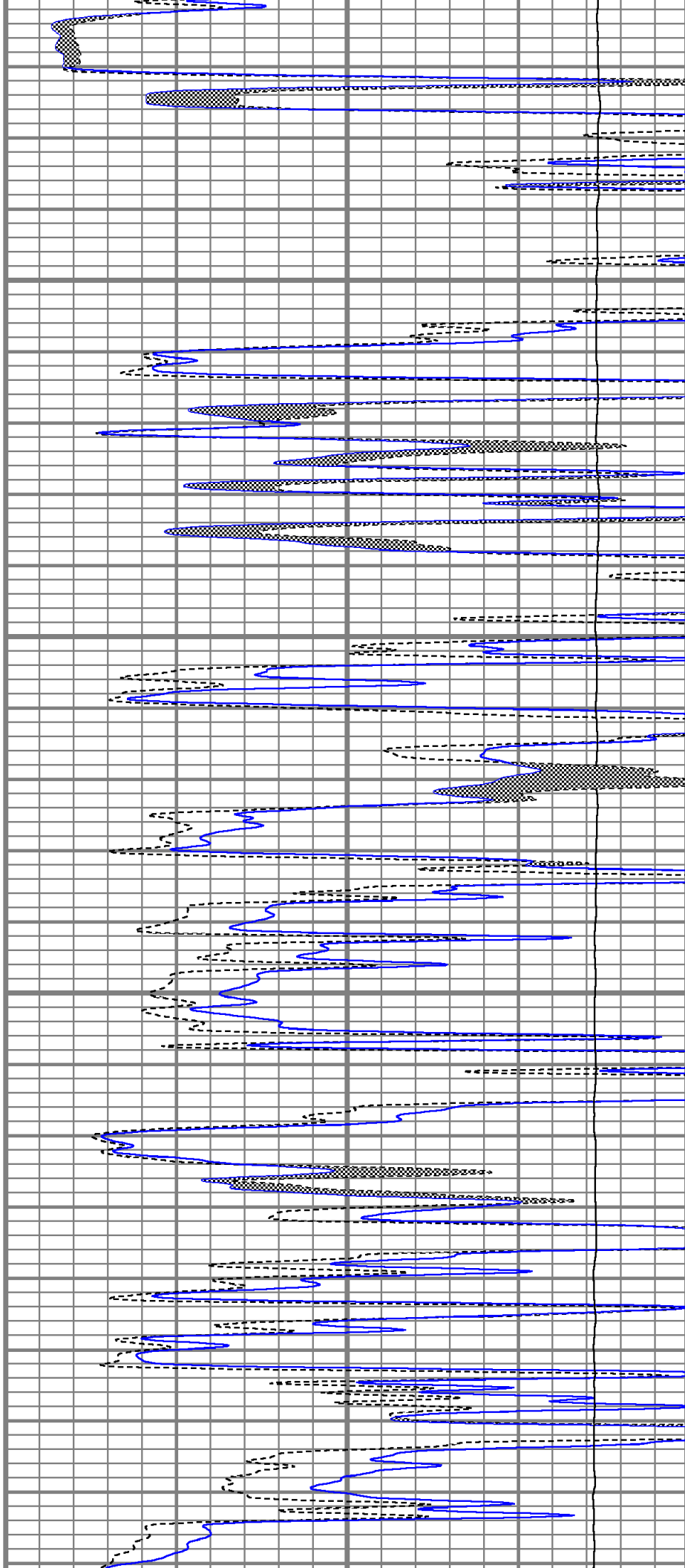


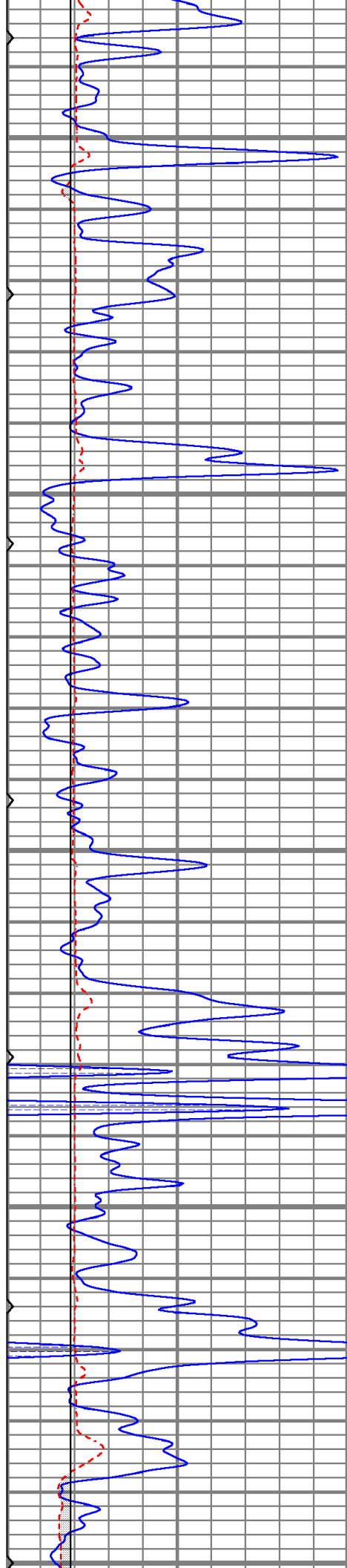
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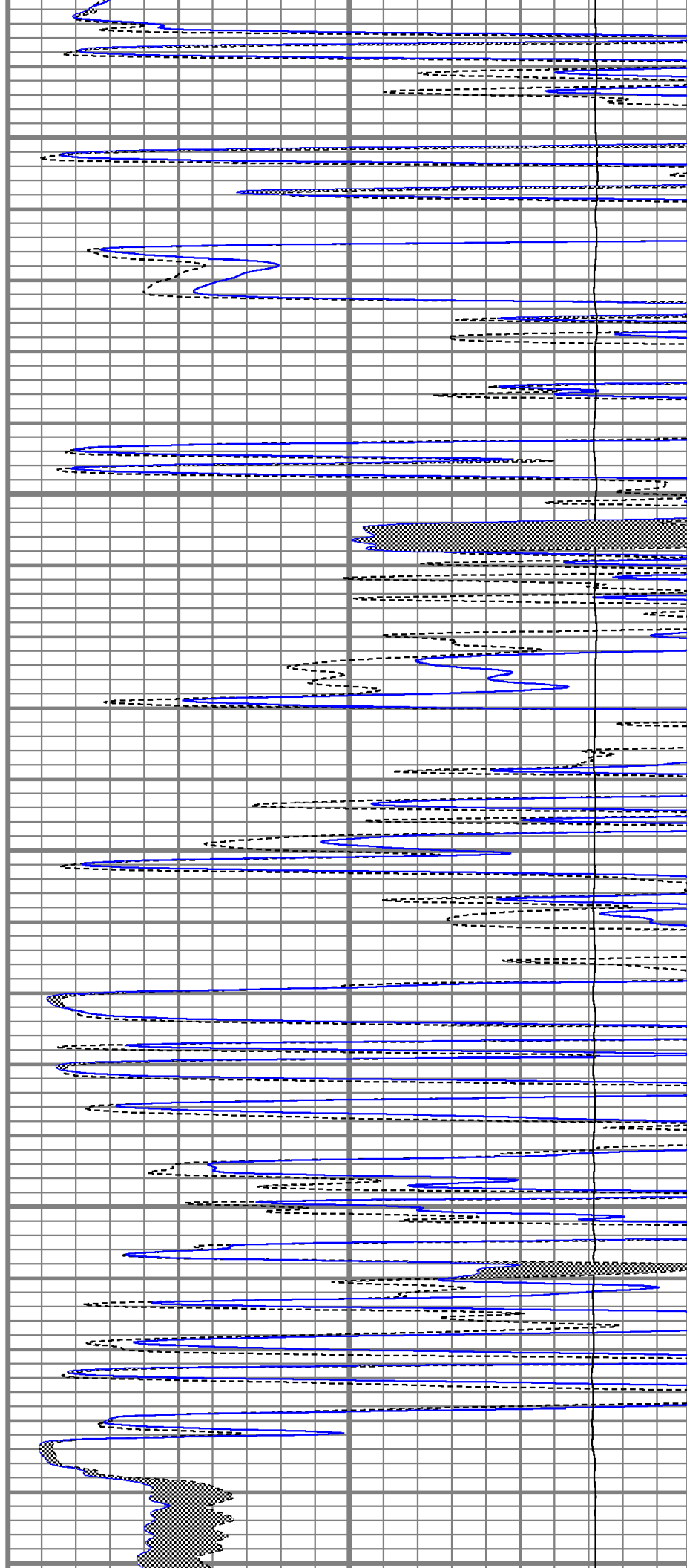
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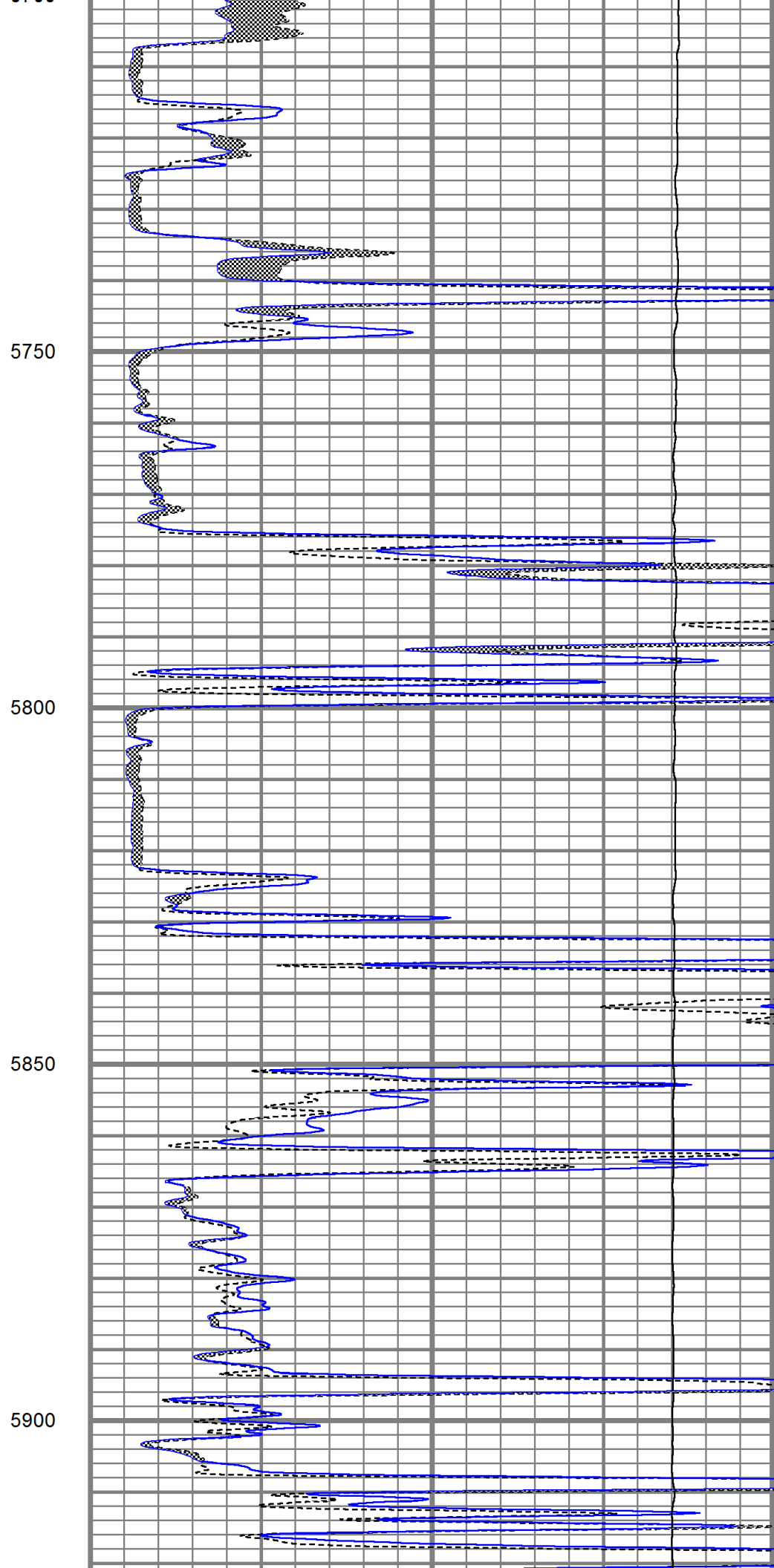
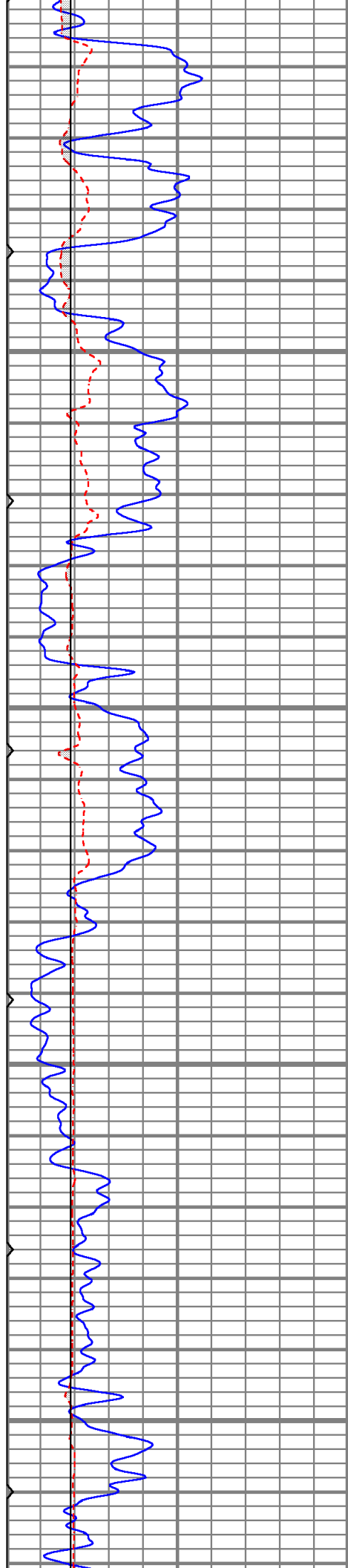
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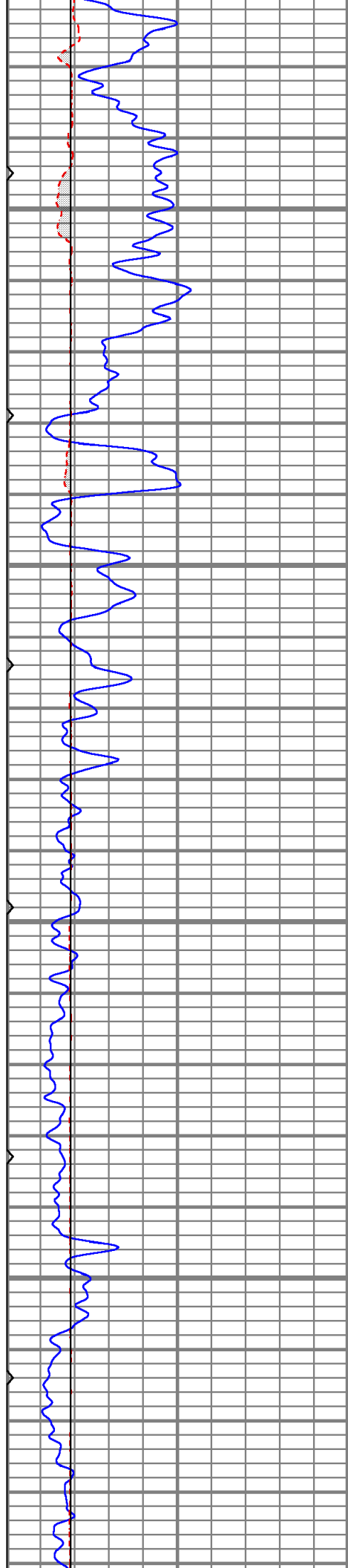
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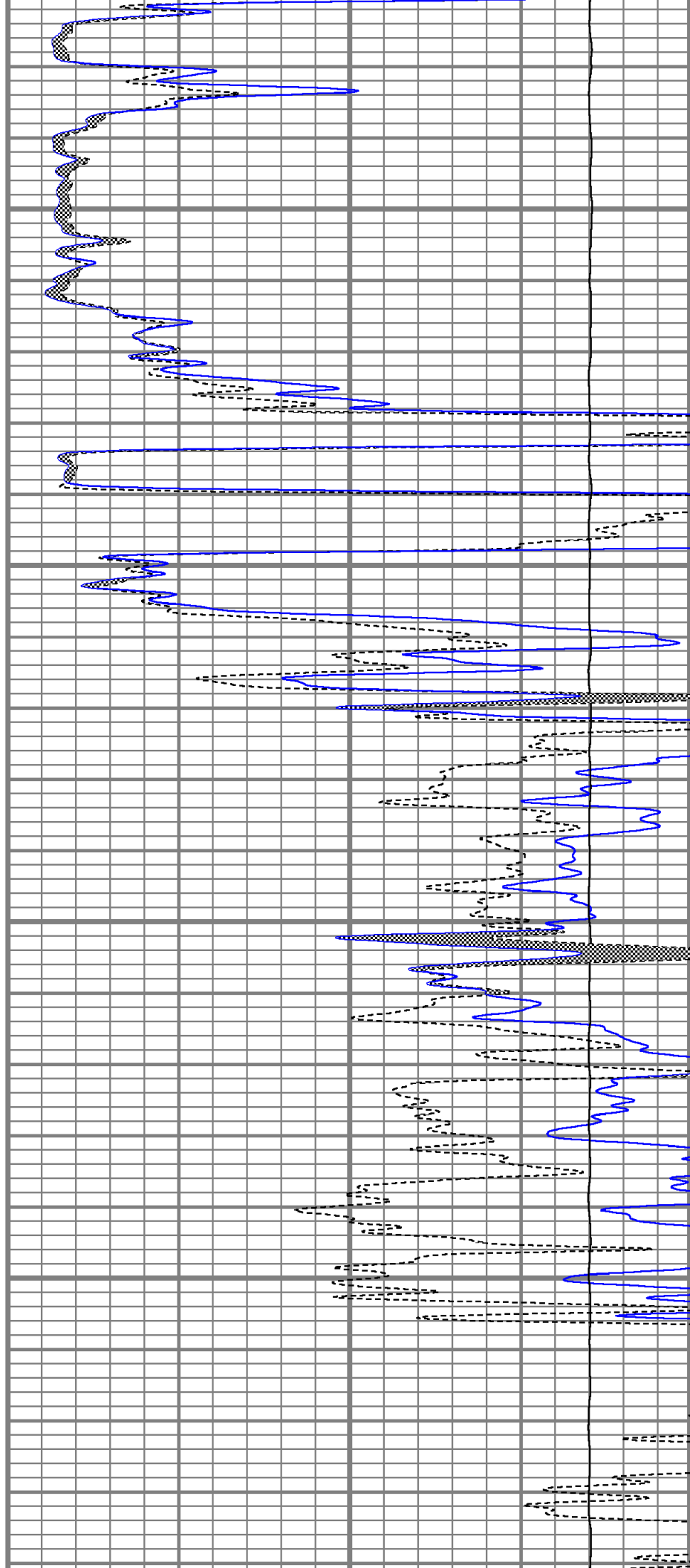


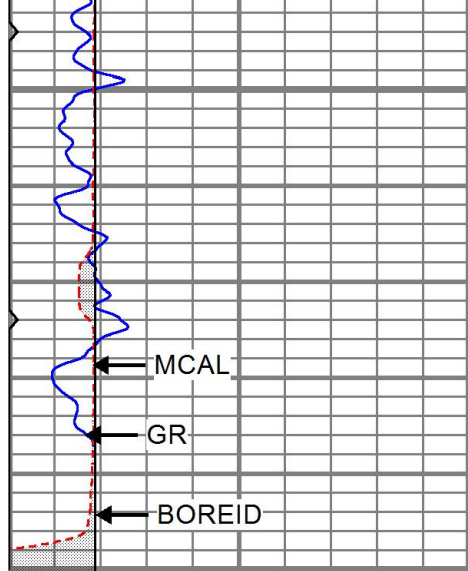
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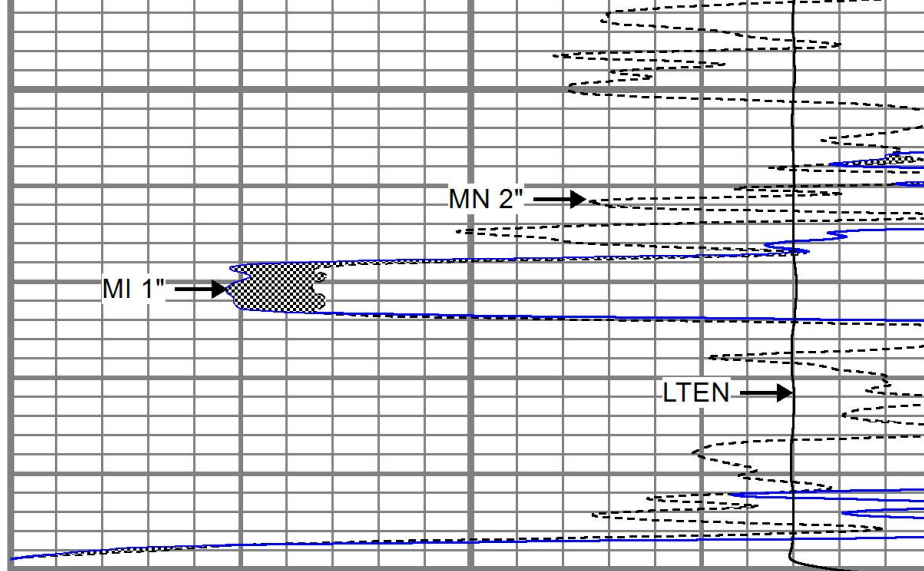




0	GR (GAPI)	150
6	MCAL (in)	16
6	BOREID (in)	16
0	MINMK	50

6150

6200



0	MN 2" (Ohm-m)	20
0	MI 1" (Ohm-m)	20
10000	LTEN (lb)	0

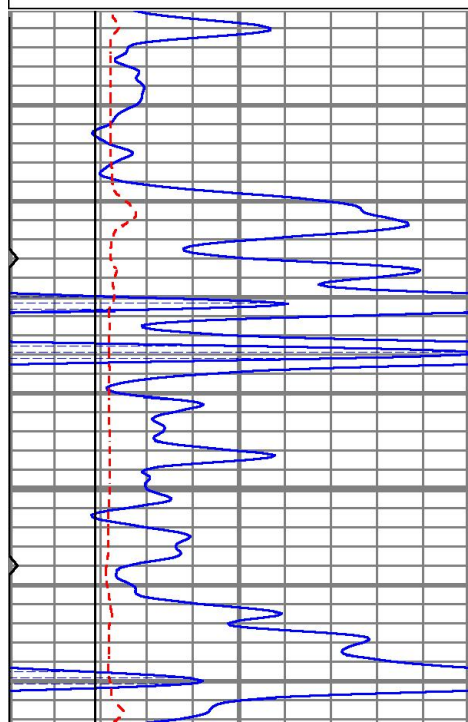


REPEAT SECTION

Database File oberexfords#1-32oh.db
 Dataset Pathname pass5.1
 Presentation Format kml
 Dataset Creation Wed Dec 18 21:27:07 2019
 Charted by Depth in Feet scaled 1:240

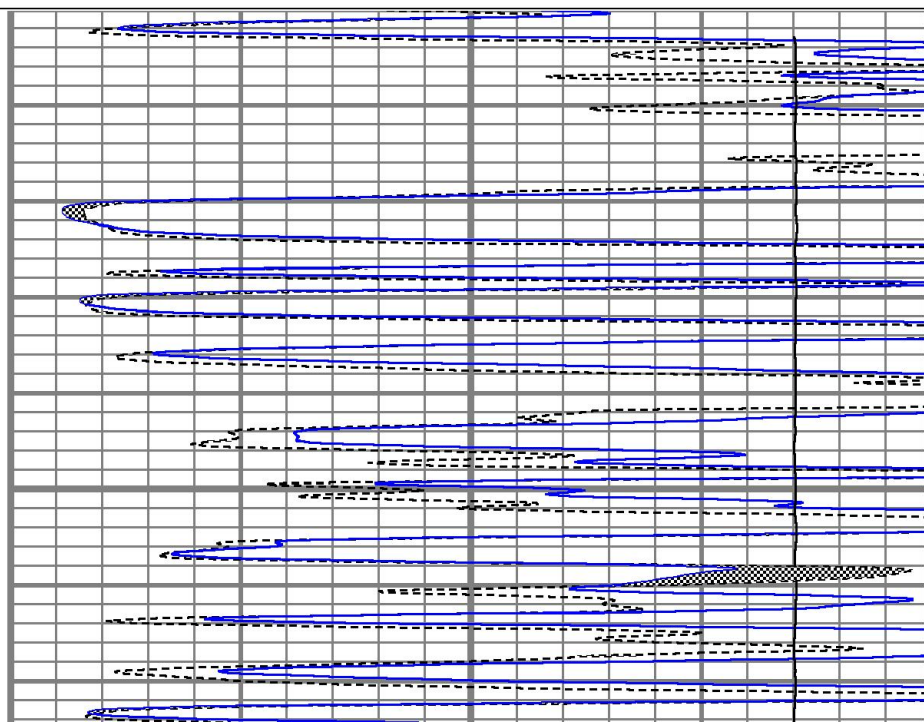
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6	BOREID (in)	16
0	MINMK	50

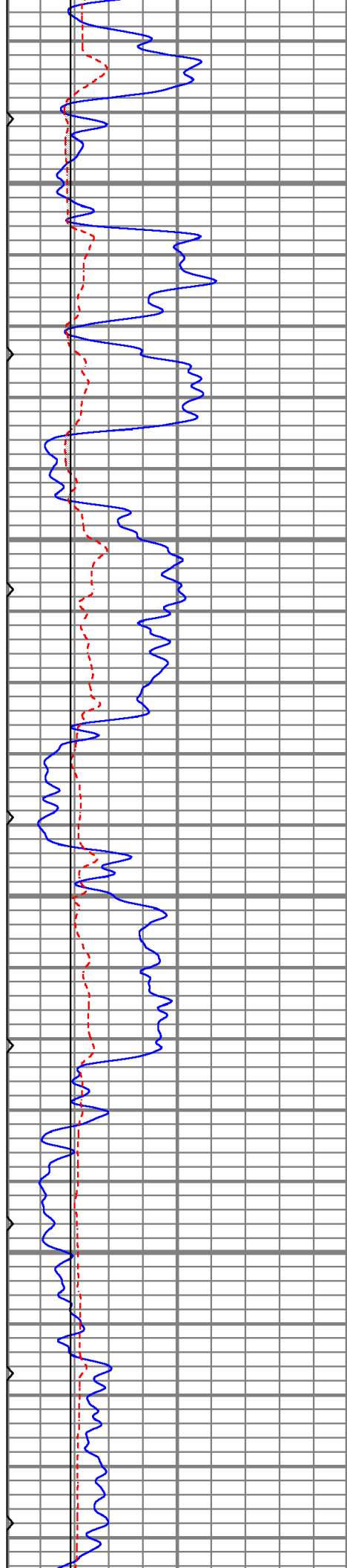
0	MN 2" (Ohm-m)	20
0	MI 1" (Ohm-m)	20
10000	LTEN (lb)	0



5500

5650



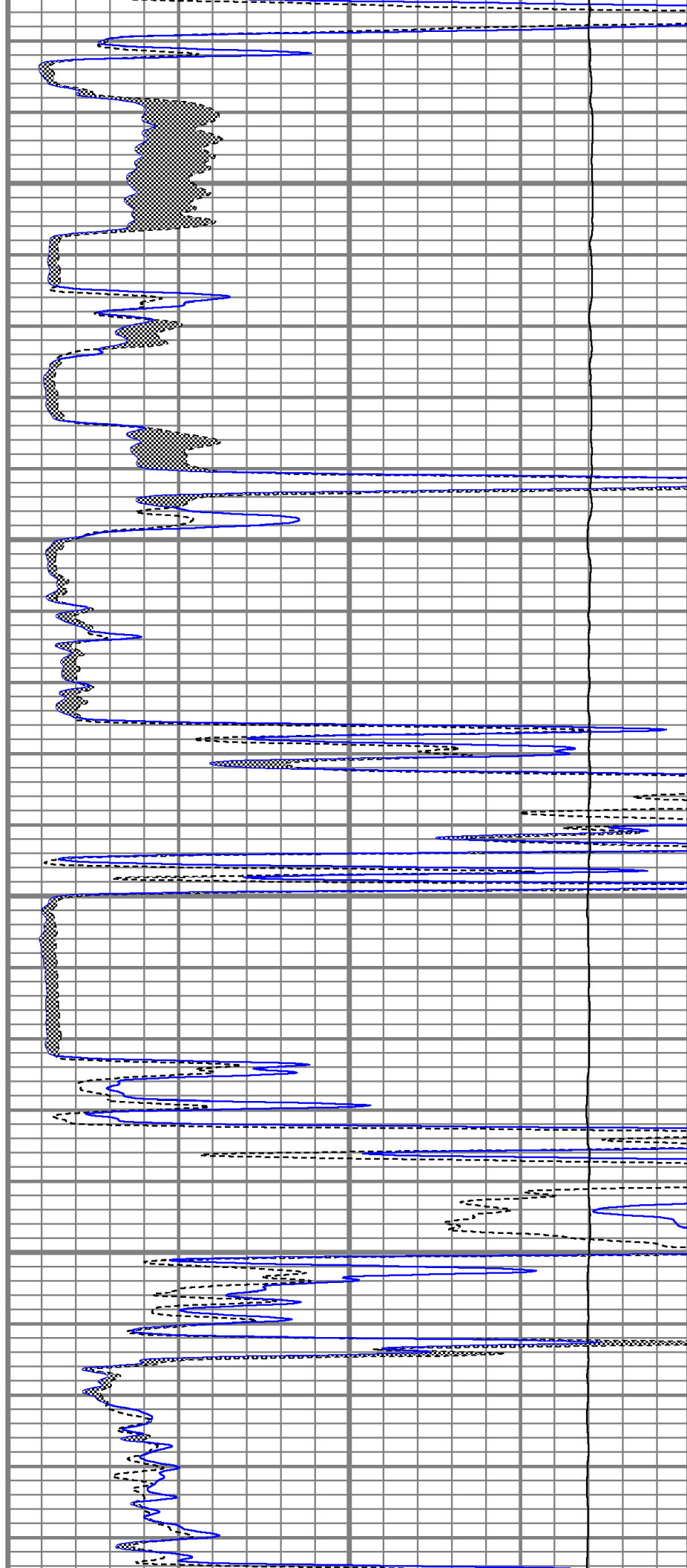


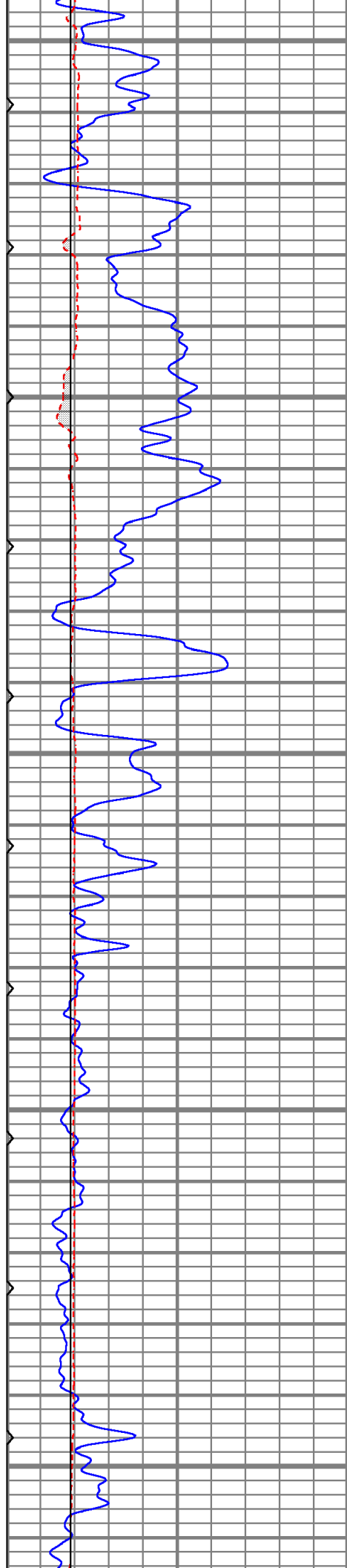
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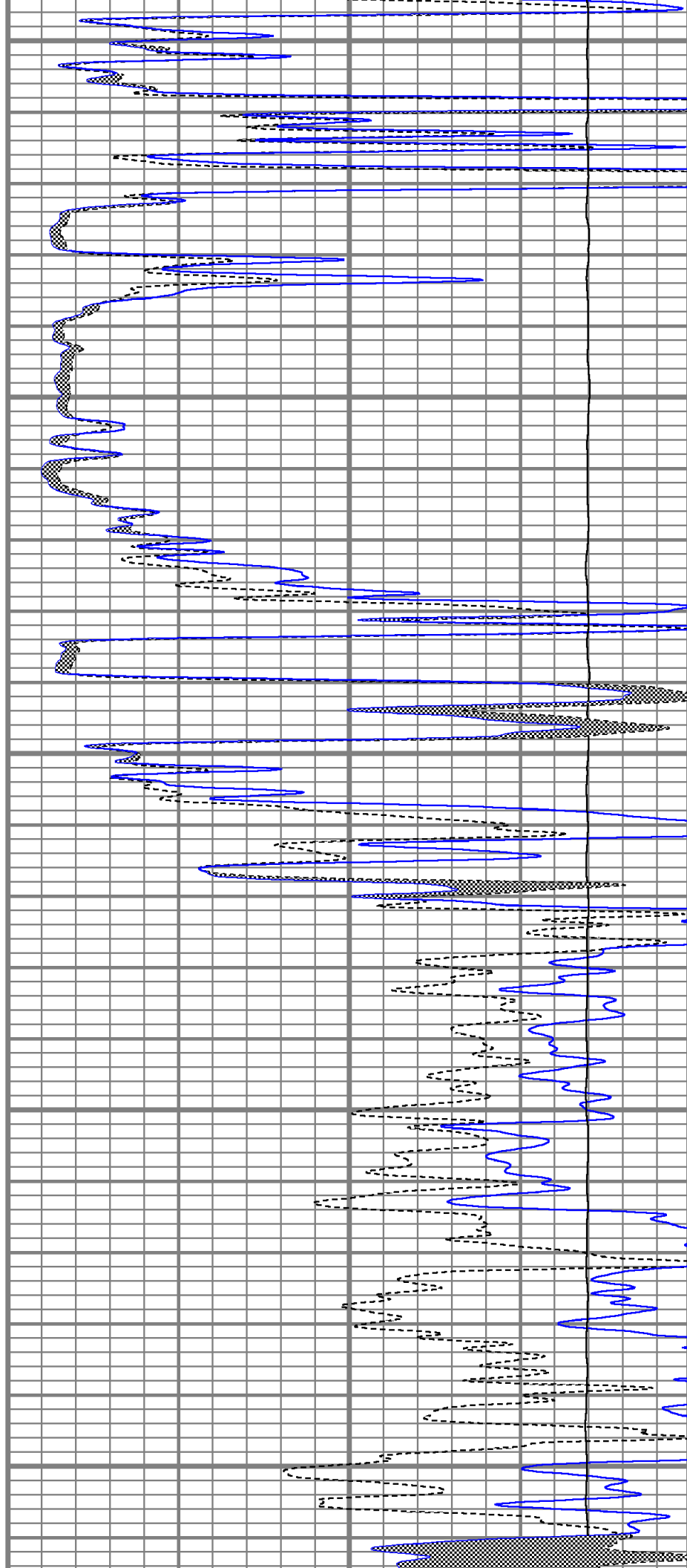
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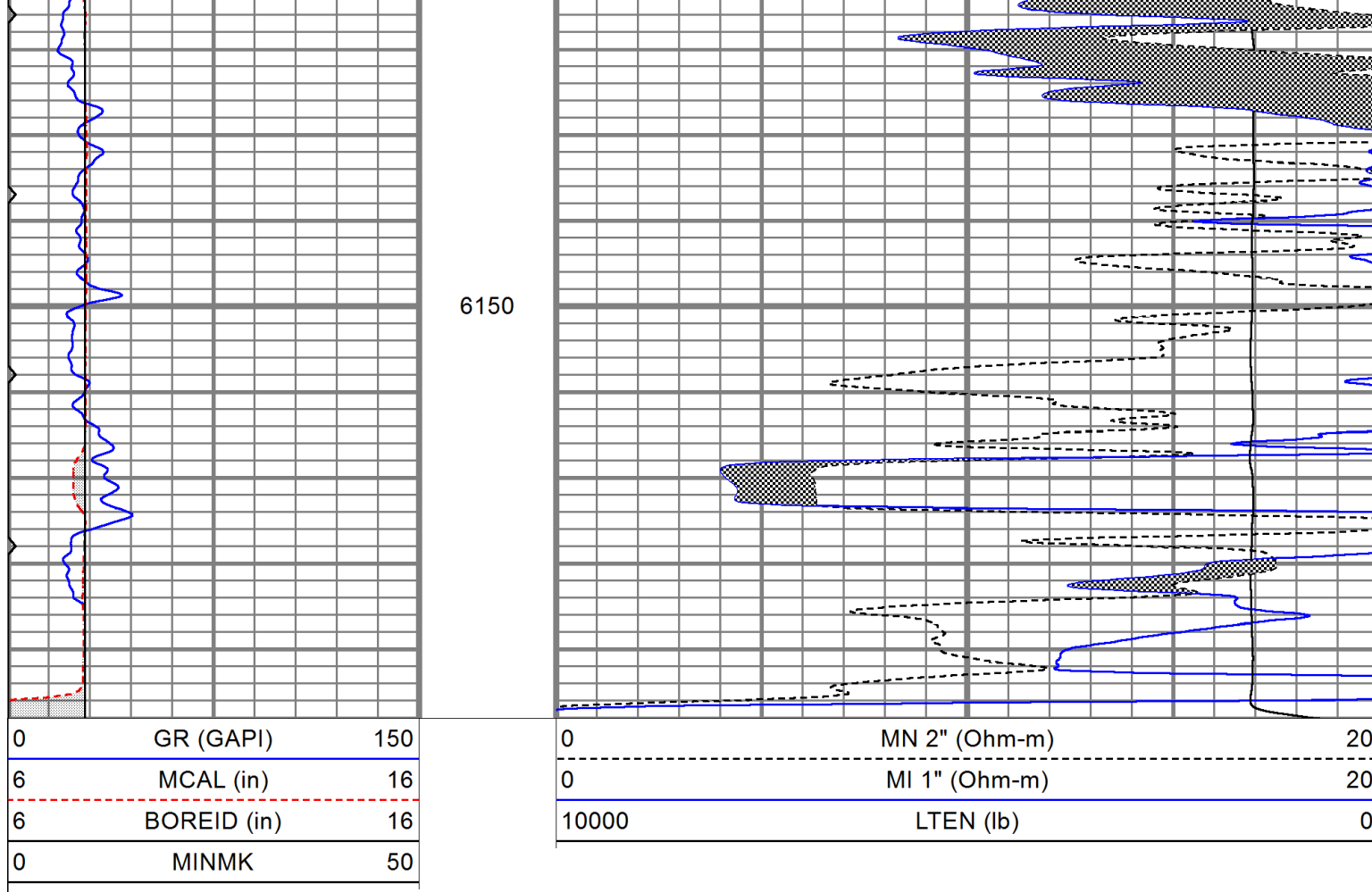
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6000

6050

6100





Calibration Report								
Database File	oberexfords#1-32oh.db							
Dataset Pathname	pass6.1							
Dataset Creation	Wed Dec 18 22:21:58 2019							
Microlog Calibration Report								
Serial-Model:			9151-Gerhart					
Performed:			Wed Dec 18 20:50:43 2019					
Readings			References				Results	
	Zero	Cal		Zero	Cal		m	b
Normal	0.0198	0.4383	V	0.0000	10.0000	Ohm-m	23.8982	-0.4735
Inverse	0.0121	0.5992	V	0.0000	10.0000	Ohm-m	17.0304	-0.2052
Caliper	1.0212	2.0456	V	8.4000	15.0000	in	6.4427	1.8205
Gamma Ray Calibration Report								
Serial Number:			2000					
Tool Model:			P2000					
Performed:			Sun May 06 10:04:13 2018					
Calibrator Value:			1.0		GAPI			
Background Reading:			0.0		cps			
Calibrator Reading:			1.0		cps			
Sensitivity:			0.7000		GAPI/cps			

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
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