



MICRO LOG

Company	PATTERSON ENERGY	Company	PATTERSON ENERGY
Well	BITTER #2	Well	BITTER #2
Field	TRAPP	Field	TRAPP
County	BARTON	County	BARTON
State	KANSAS	State	KANSAS
Location:	API # : 15 009 26393 1310' FSL & 1760' FEL	Other Services	DIL CDNL
Permanent Datum	SEC 6 TWP 16S RGE 13W	Elevation	
Log Measured From	Ground Level	Elevation	1919
Drilling Measured From	KB 8' AGL	K.B. 1926 D.F. 1925 G.L. 1918	
Date	04/30/23		
Run Number	Two		
Depth Driller	3450		
Depth Logger	3451		
Bottom Logged Interval	3449		
Top Log Interval	2750		
Casing Driller	8 5/8"@460'		
Casing Logger	460'		
Bit Size	7 7/8"		
Type Fluid in Hole	Chemical		
Density / Viscosity	9.0/48		
pH / Fluid Loss	9.5/9.2		
Source of Sample	Pit		
Rm @ Meas. Temp	1.4@60degf		
Rmf @ Meas. Temp	1.05@60degf		
Rmc @ Meas. Temp	1.68@60degf		
Source of Rmf / Rmc	Calculated		
Rm @ BHT	.88@96degf		
Time Circulation Stopped	3:00 AM		
Time Logger on Bottom	6:00 AM		
Maximum Recorded Temperature	96degf		
Equipment Number	T-605		
Location	Hays, KS.		
Recorded By	COLBY DREILING		
Witnessed By	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

RUSSELL SOUTH 13 MILES TO NW220 RD, EAST 2.75 MILES
NORTH INTO.

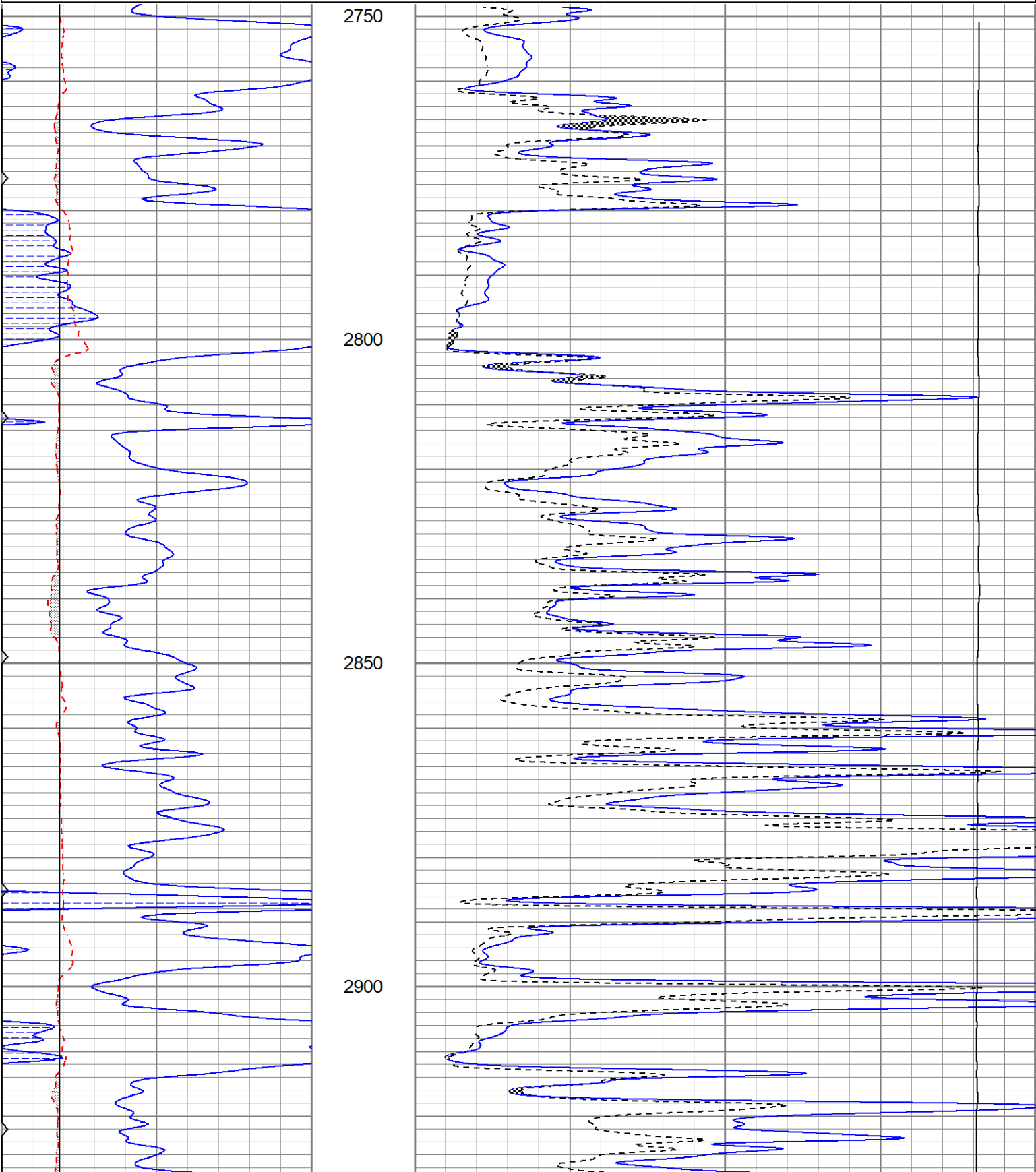
Thanks for using Gemini Wireline LLC
785-625-1182

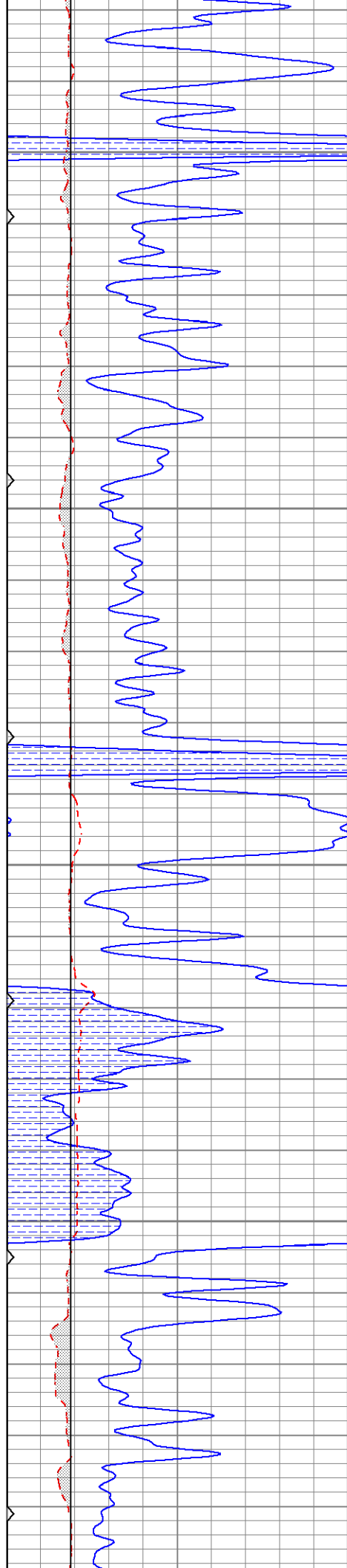


MAIN PASS

Database File	pebitter#2oh.db
Dataset Pathname	pass6
Presentation Format	kml
Dataset Creation	Sun Apr 30 07:42:25 2023
Charted by	Depth in Feet scaled 1:240

0	GR (GAPI)	150	0	MN 2" (Ohm-m)	20
6	MCAL (in)	16	0	MI 1" (Ohm-m)	20
6	BOREID (in)	16	10000	LTEN (lb)	0
0	MINMK	50			



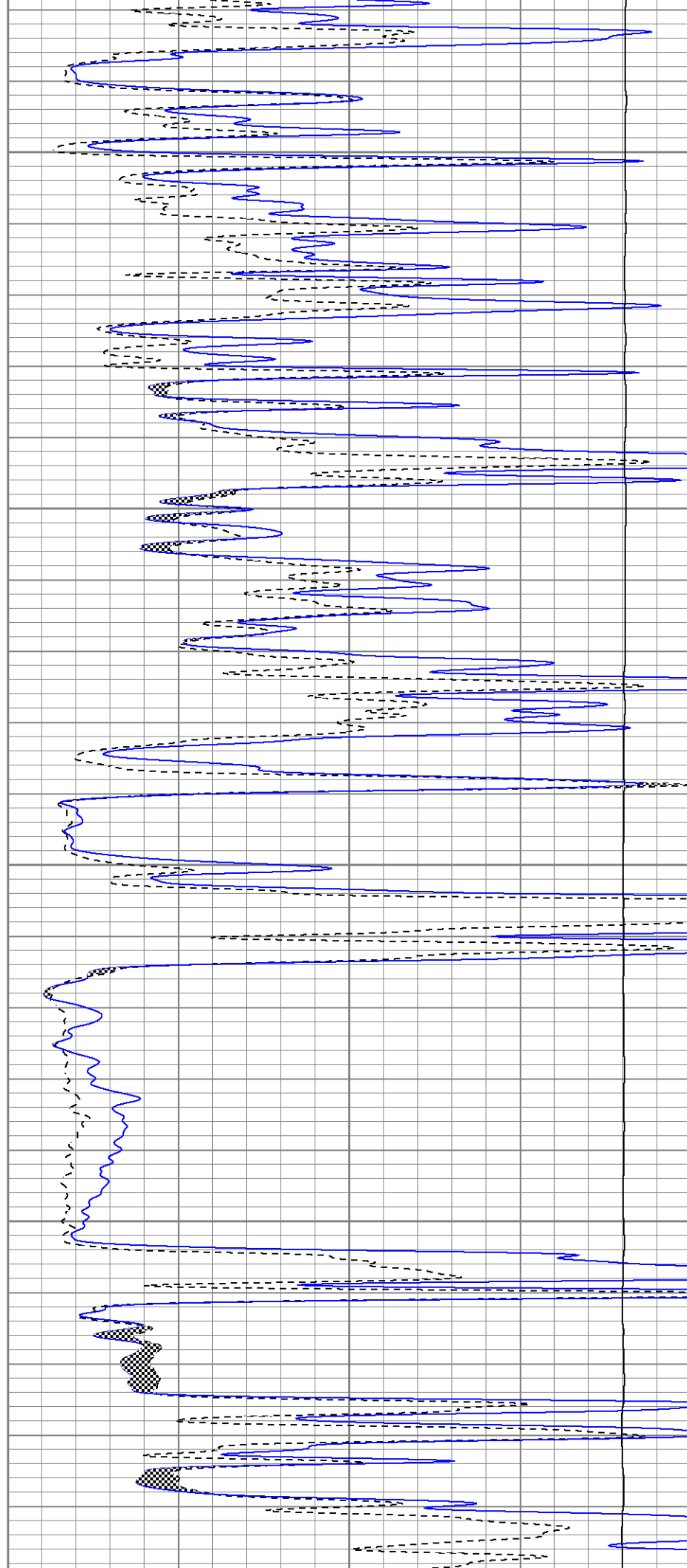


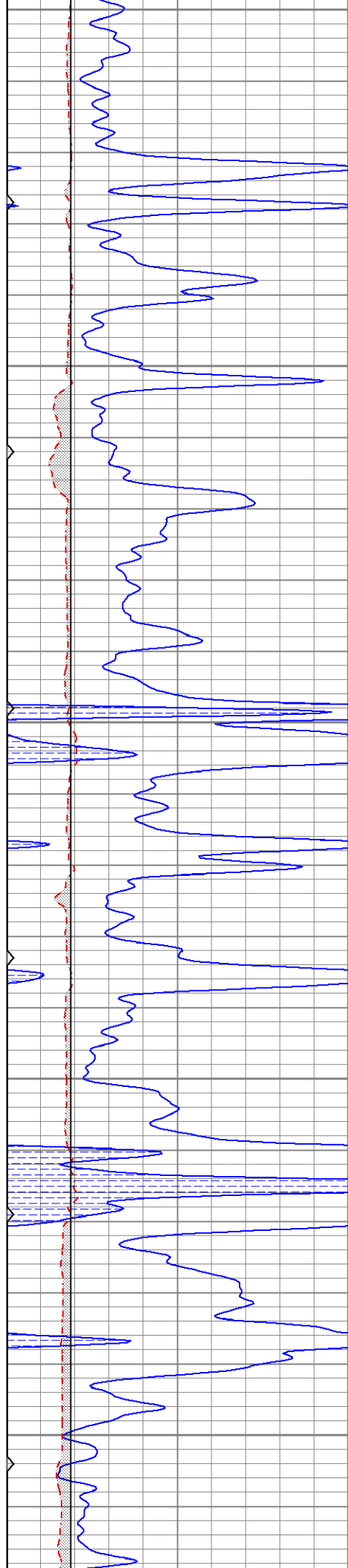
2950

3000

3050

3100





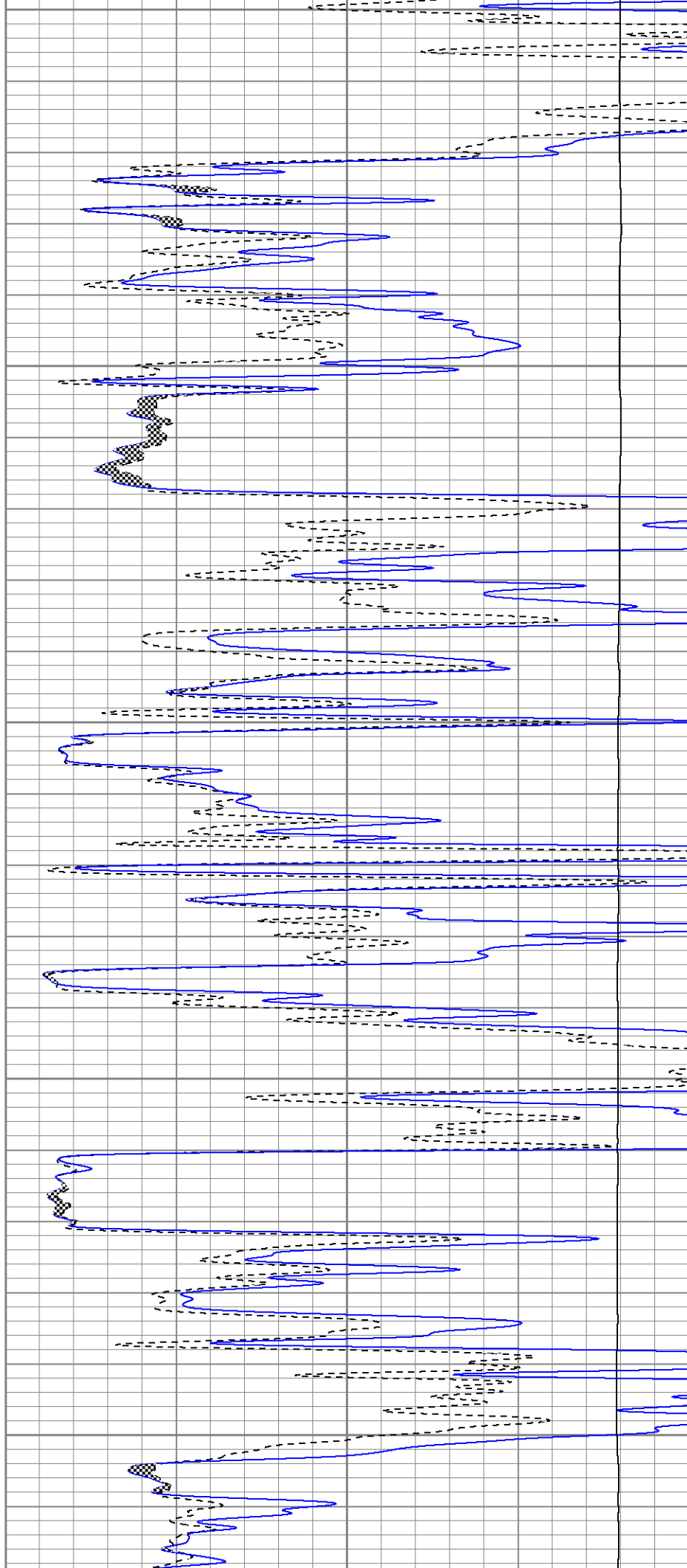
3150

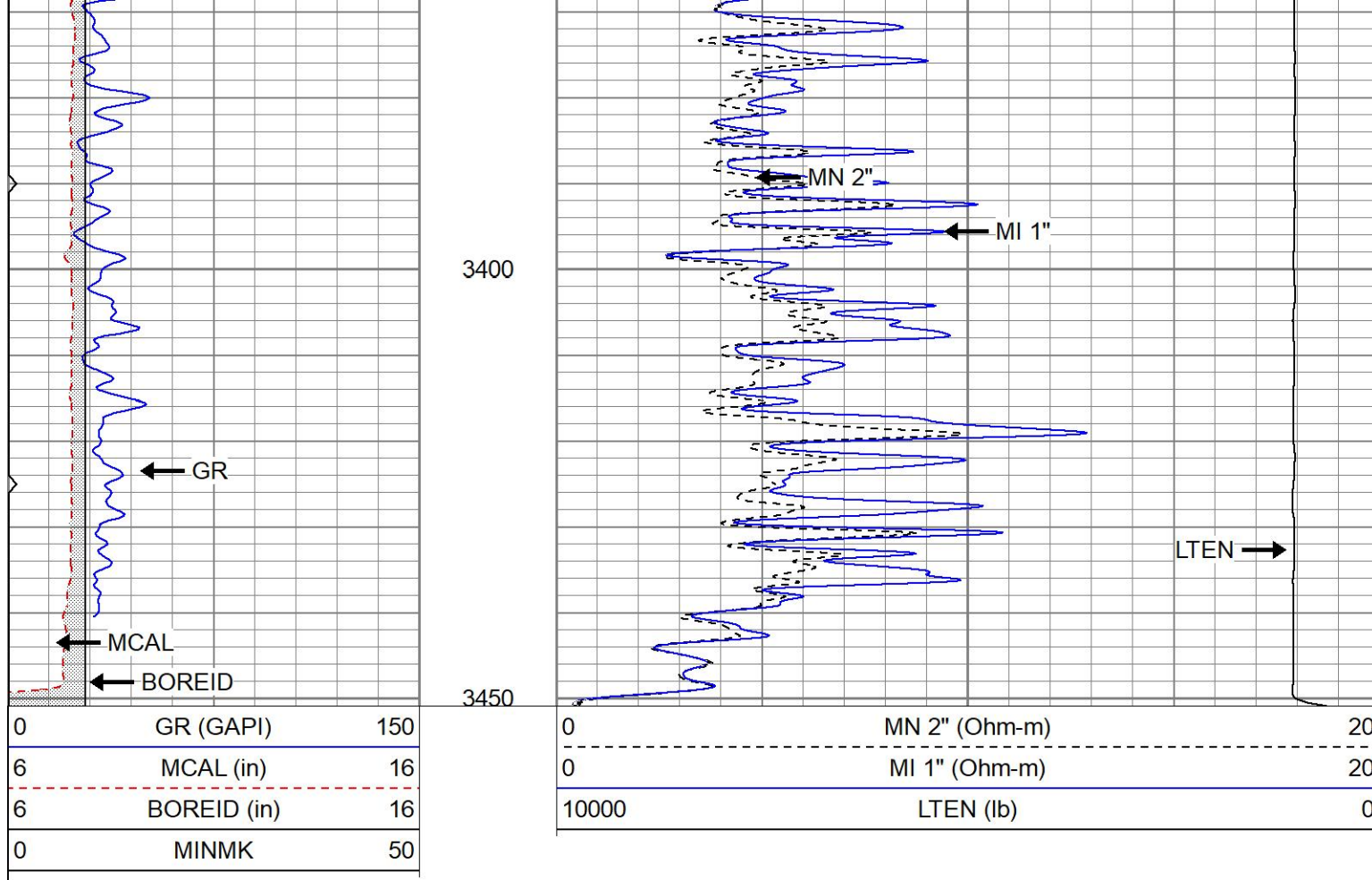
3200

3250

3300

3350





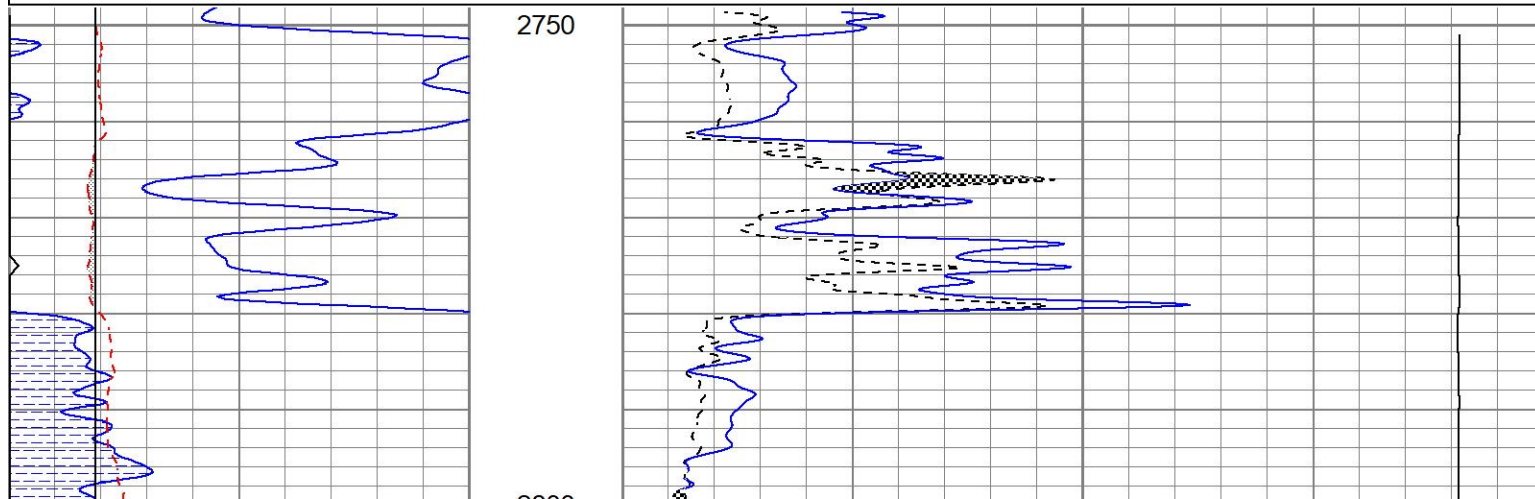


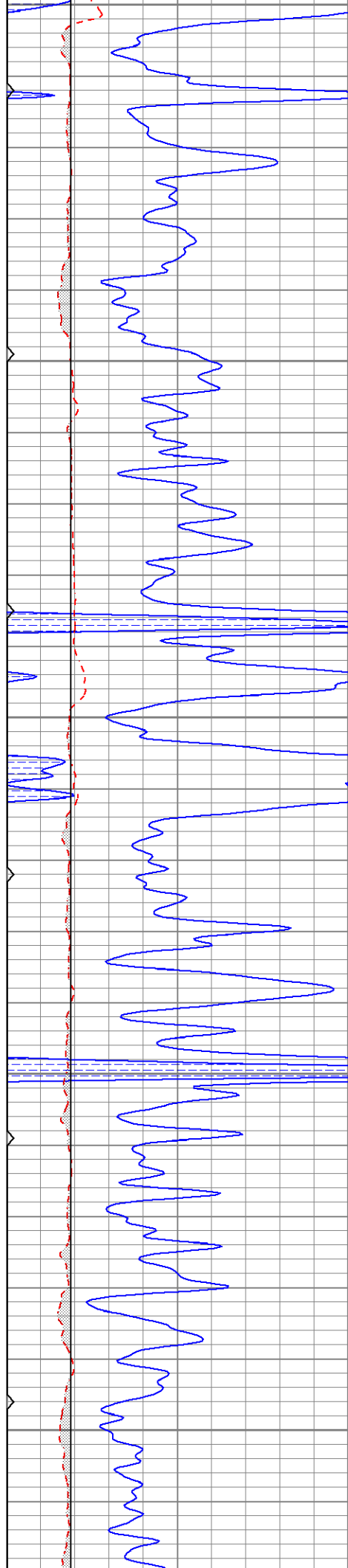
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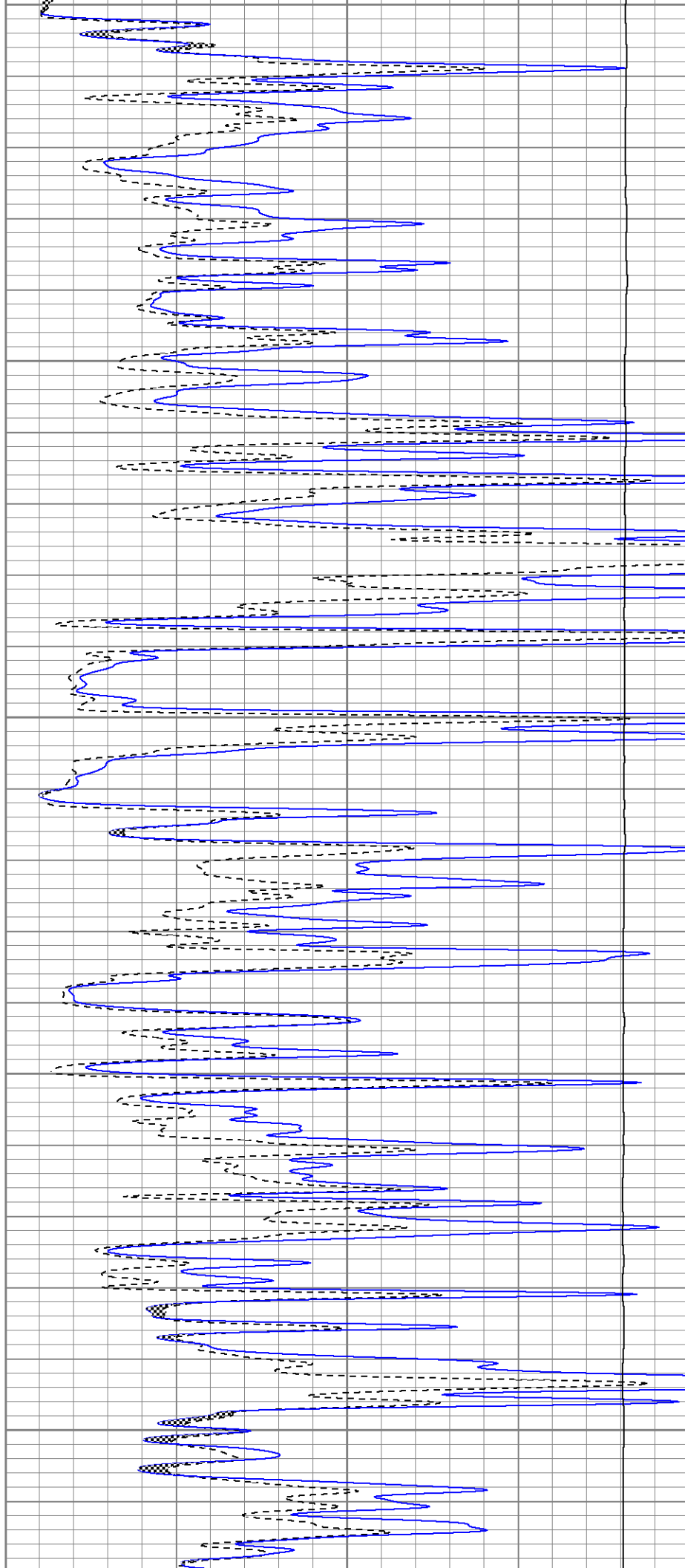
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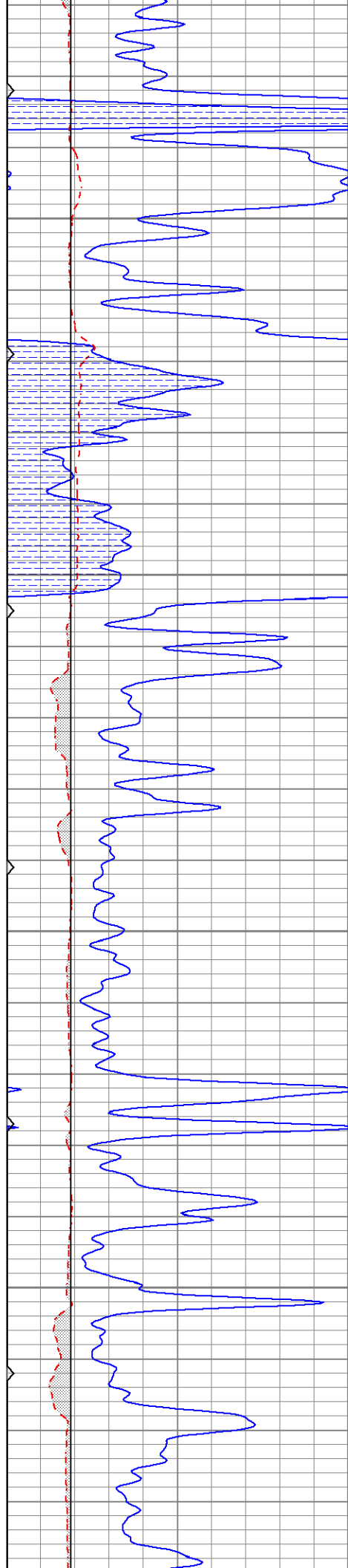
2850

2900

2950

3000



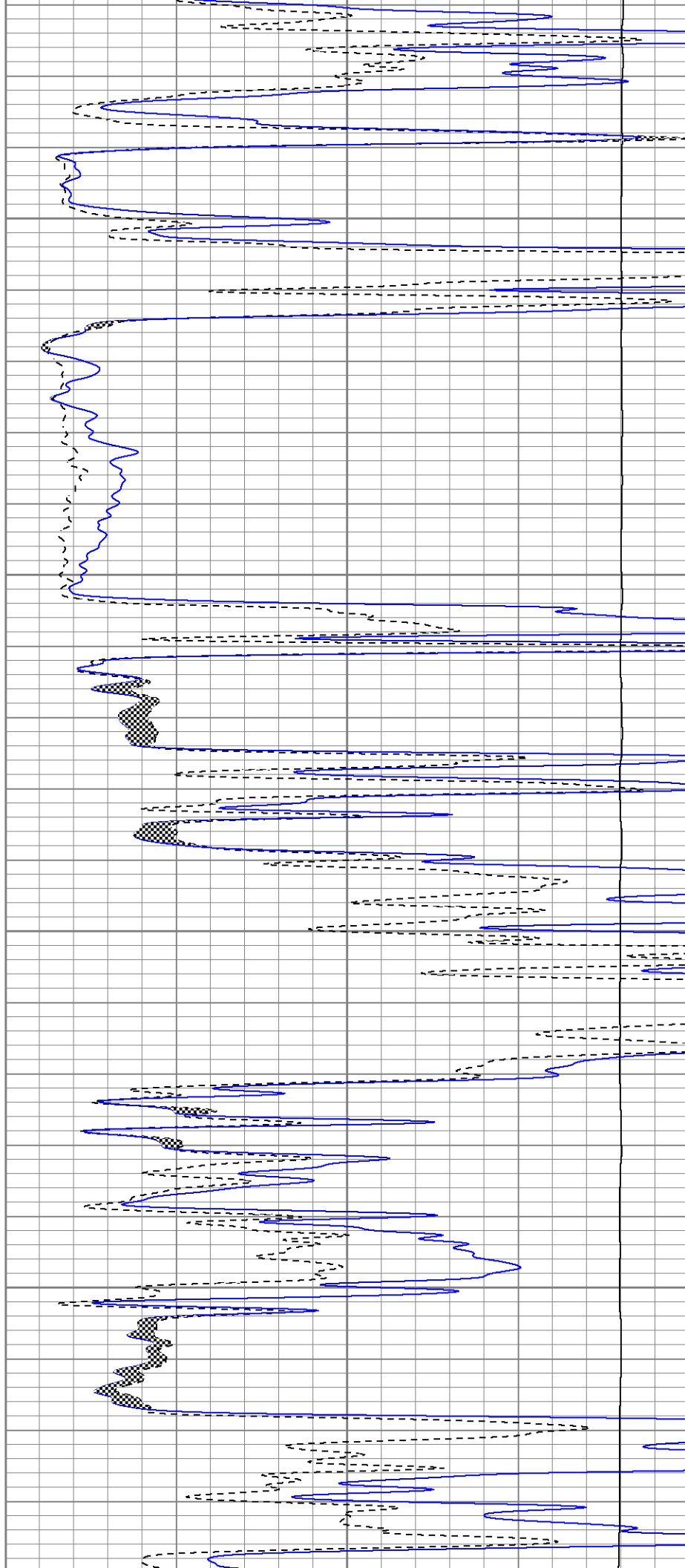


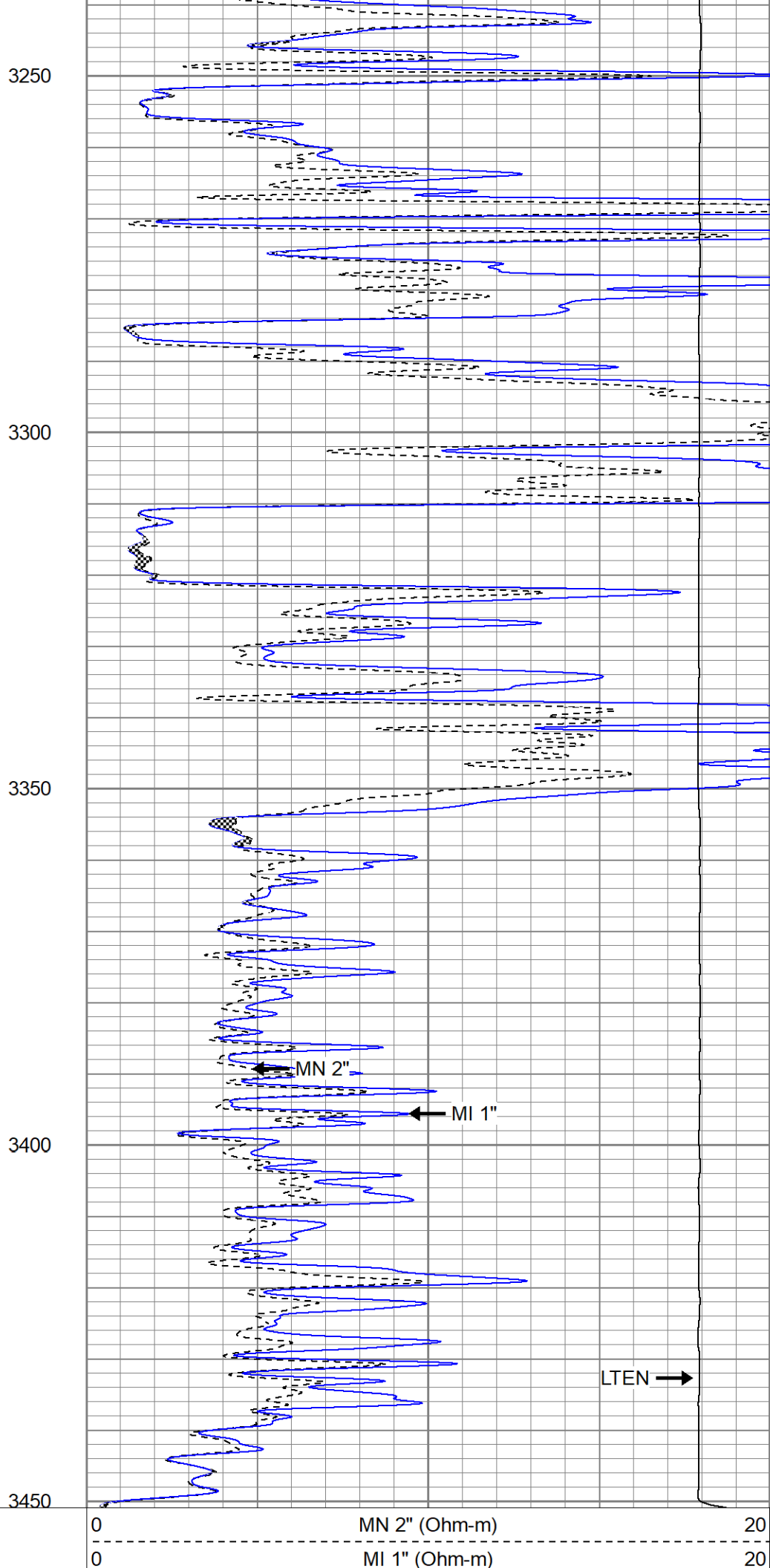
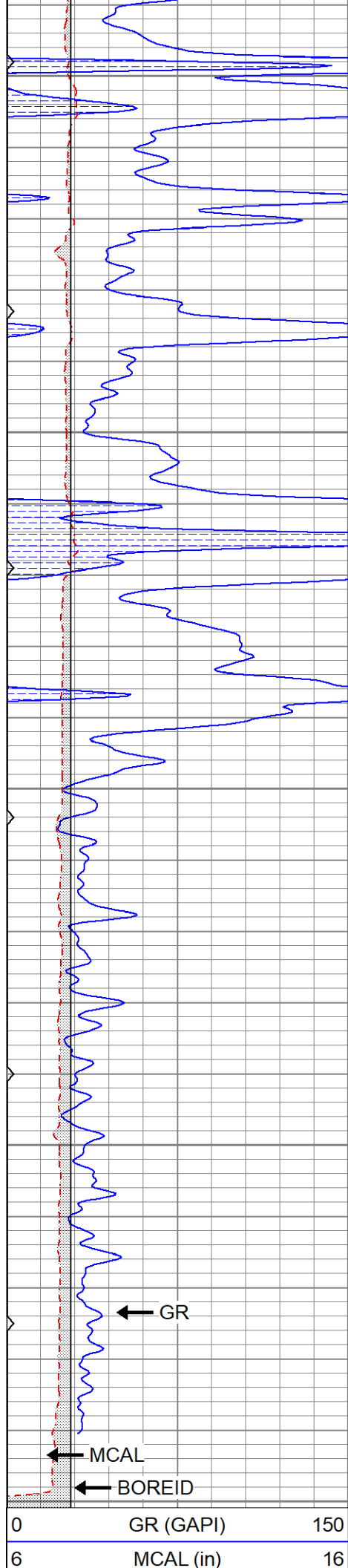
3050

3100

3150

3200





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Calibration Report								
Database File	pebitter#2oh.db							
Dataset Pathname	pass6							
Dataset Creation	Sun Apr 30 07:42:25 2023							
Microlog Calibration Report								
Serial-Model:			1600-Pengo					
Performed:			Sun Apr 30 07:40:20 2023					
Readings			References				Results	
	Zero	Cal		Zero	Cal		m	b
Normal	-0.0289	0.4935	V	0.0000	10.0000	Ohm-m	19.1426	0.5535
Inverse	-0.0264	0.6515	V	0.0000	10.0000	Ohm-m	14.7525	0.3889
Caliper	3.2319	6.4483	V	8.0000	15.0000	in	2.1364	0.6662
Gamma Ray Calibration Report								
Serial Number:			2001					
Tool Model:			OH					
Performed:			Mon Mar 13 07:38:49 2023					
Calibrator Value:			1.0		GAPI			
Background Reading:			0.0		cps			
Calibrator Reading:			1.0		cps			
Sensitivity:			1.0000		GAPI/cps			