MICRO LOG

Company Patterson Energy
Well BERNSTORF-JANKE #11
Field KRAFT-PRUSA
County BARTON State Kansas

Location: API # : 15 009 26349

1400' FNL & 1350' FEL

SEC 33 TWP 16S RGE 11W

Other Services

DIL
CDNL

Elevation

K.B. 1917
D.F. 1915
G.L. 1912

Permanent Datum	Ground Level	Elevation	1912
Log Measured From	KB 5' AGL		
Drilling Measured From	KB		

Date	5/3/22		
Run Number	TWO		
Depth Driller	3660'		
Depth Logger	3656		
Bottom Logged Interval	3654		
Top Log Interval	2800		
Casing Driller	8 5/8"@ 730'		
Casing Logger	730		
Bit Size	7 7/8"		
Type Fluid in Hole	Chemical		
Density / Viscosity	9.3/55		
pH / Fluid Loss	9.5/9.2		
Source of Sample	Pit		
Rm @ Meas. Temp	1.6@73degf		
Rmf @ Meas. Temp	1.2@73degf		
Rmc @ Meas. Temp	1.92@73degf		
Source of Rmf / Rmc	Calculated		
Rm @ BHT	1.12@104degf		
Time Circulation Stopped	10:00 PM		
Time Logger on Bottom	12:15 AM		
Maximum Recorded Temperature	104degf		
Equipment Number	T-605		
Location	Hays, KS.		
Recorded By	GUS PFANENSTIEL		
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

NORTH OF CLAFLIN TO 180 RD. 1/4 WEST,
SOUTH INTO.

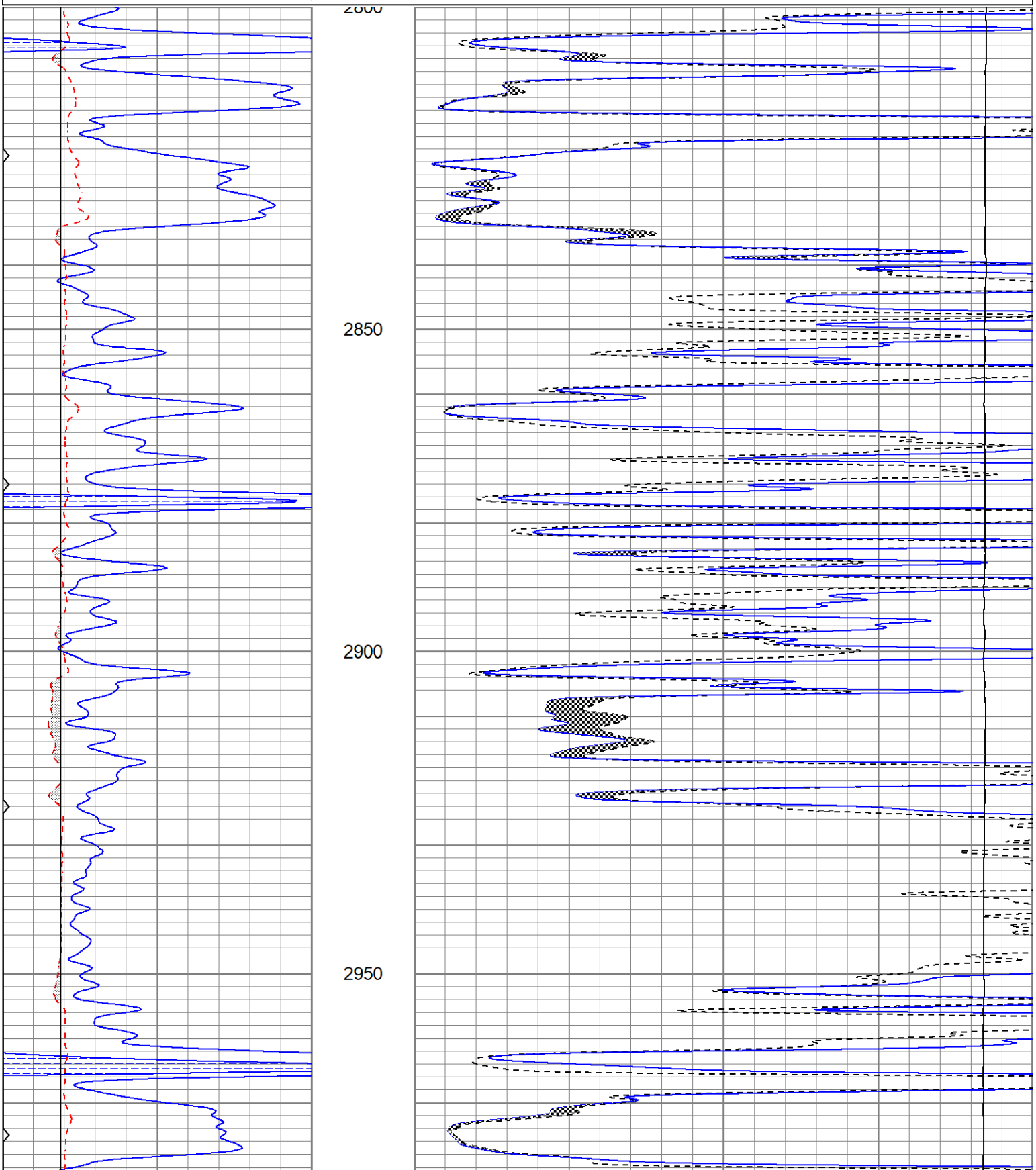
Thanks for using Gemini Wireline LLC
785-625-1182

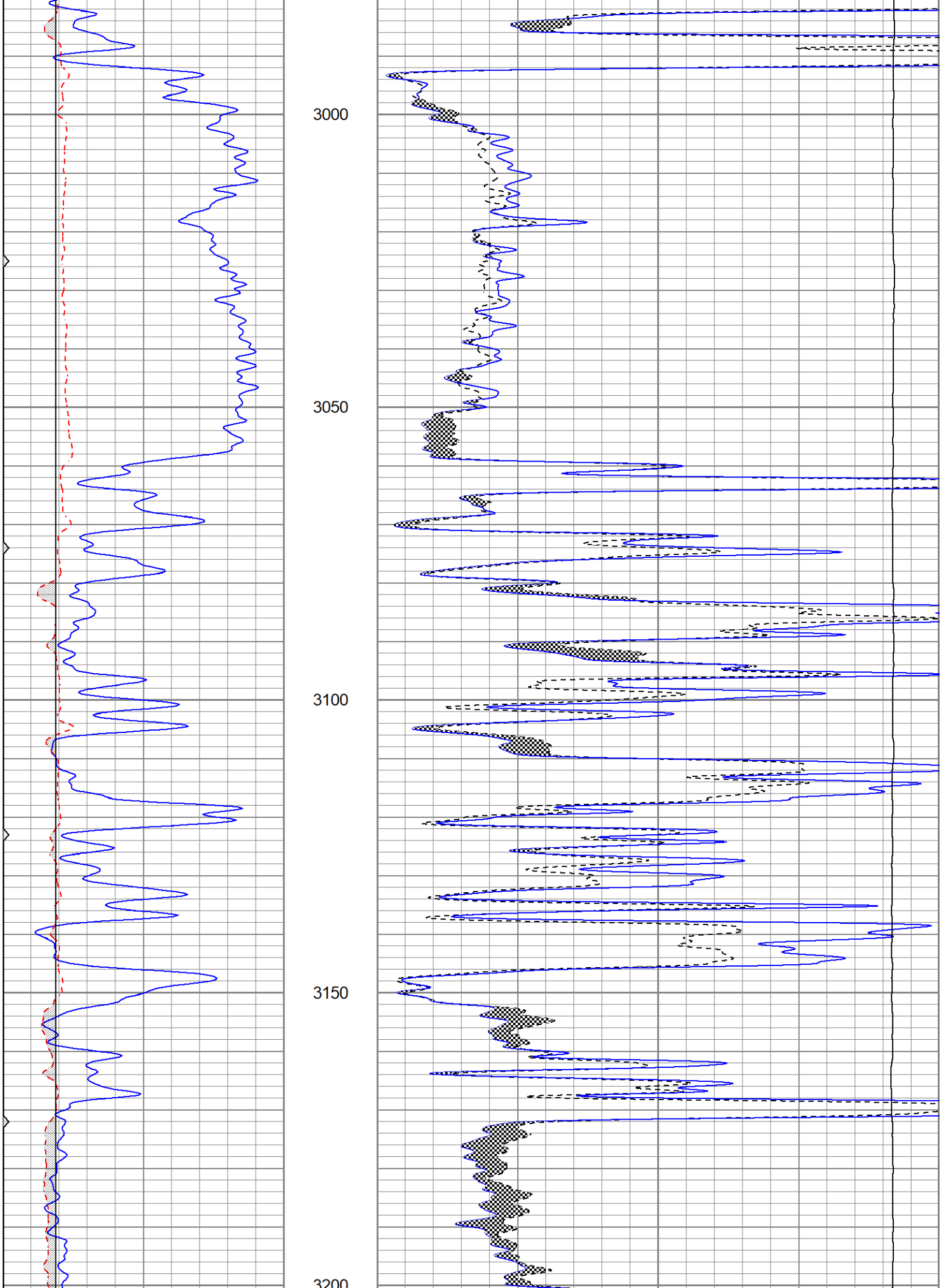
MAIN PASS

Database File	pebernstorf-janke#11oh.db
Dataset Pathname	pass5.1
Presentation Format	kml
Dataset Creation	Wed May 04 02:04:13 2022
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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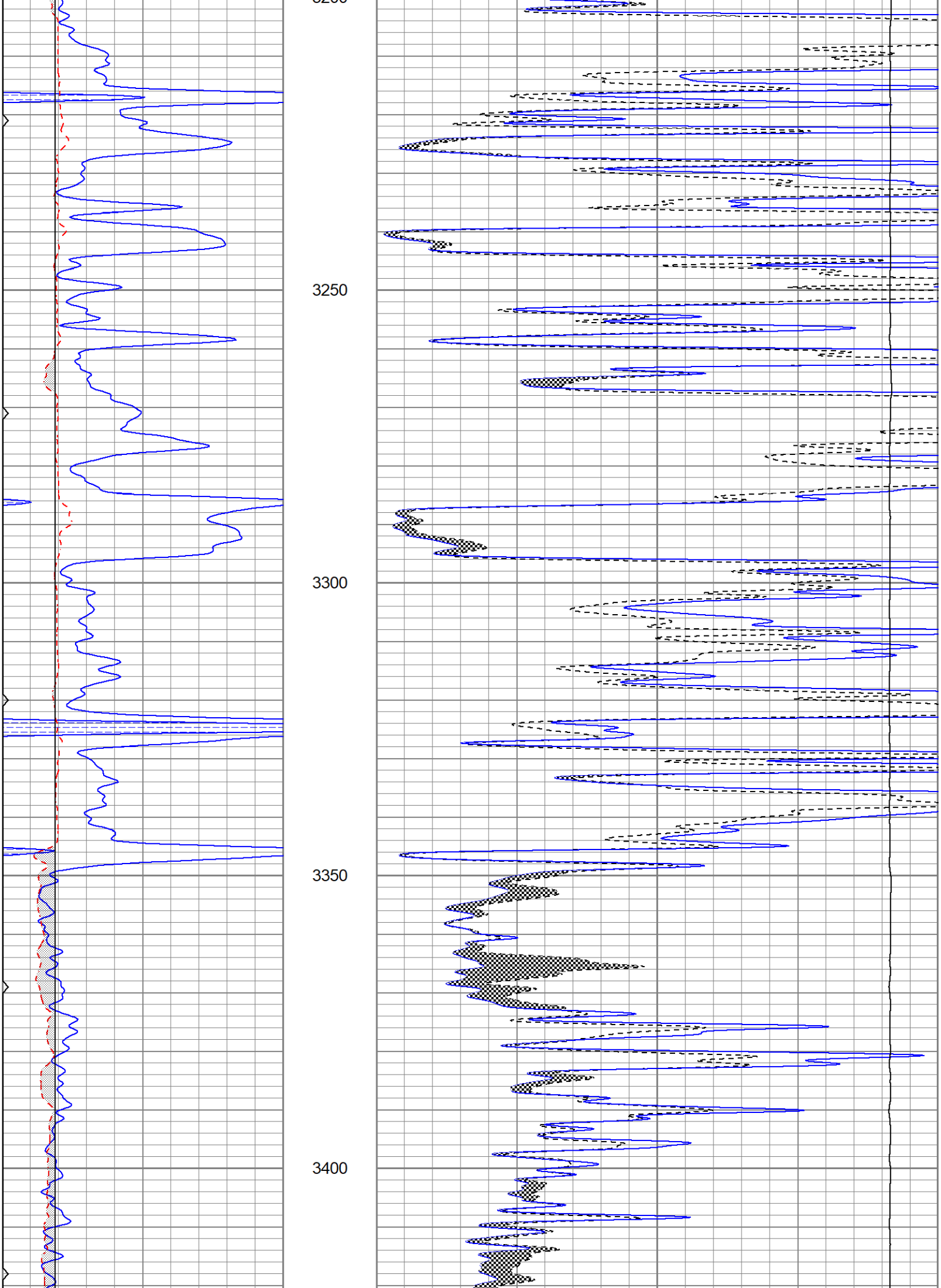
3100
3150
3200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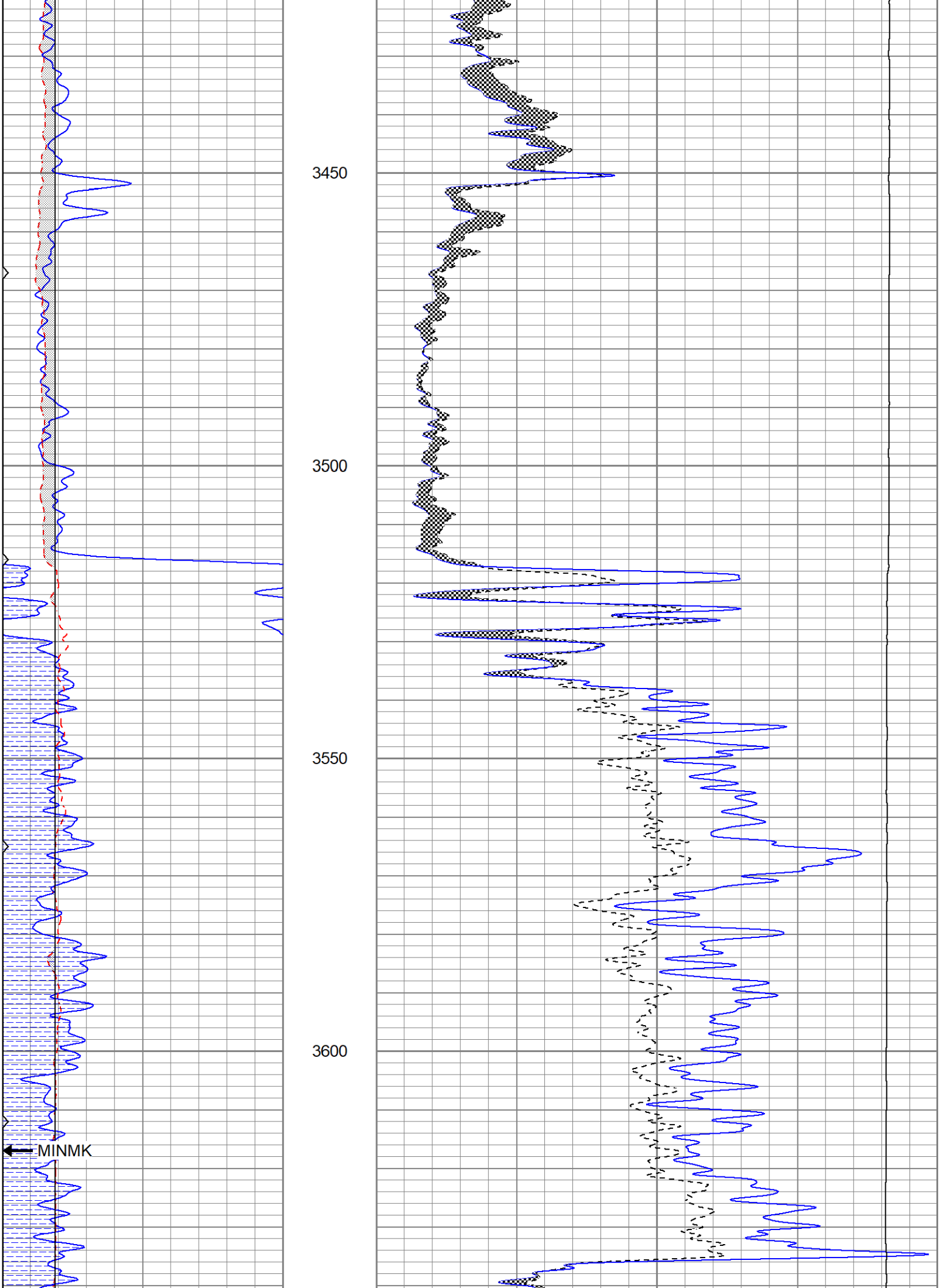
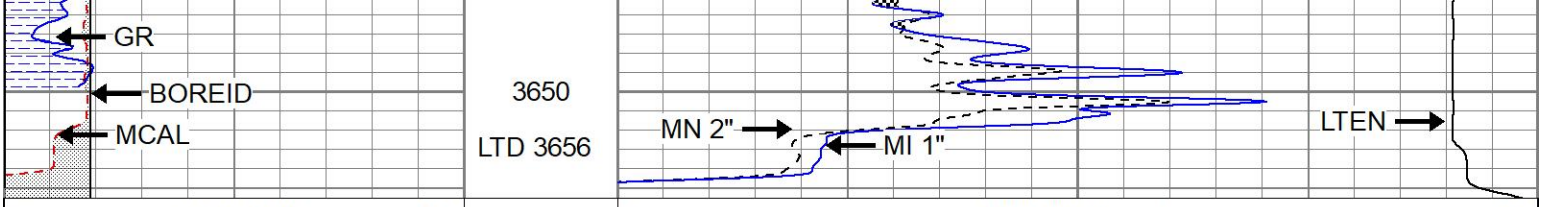
3300
3350
3400


3450
3500
3550
3600
MINMK



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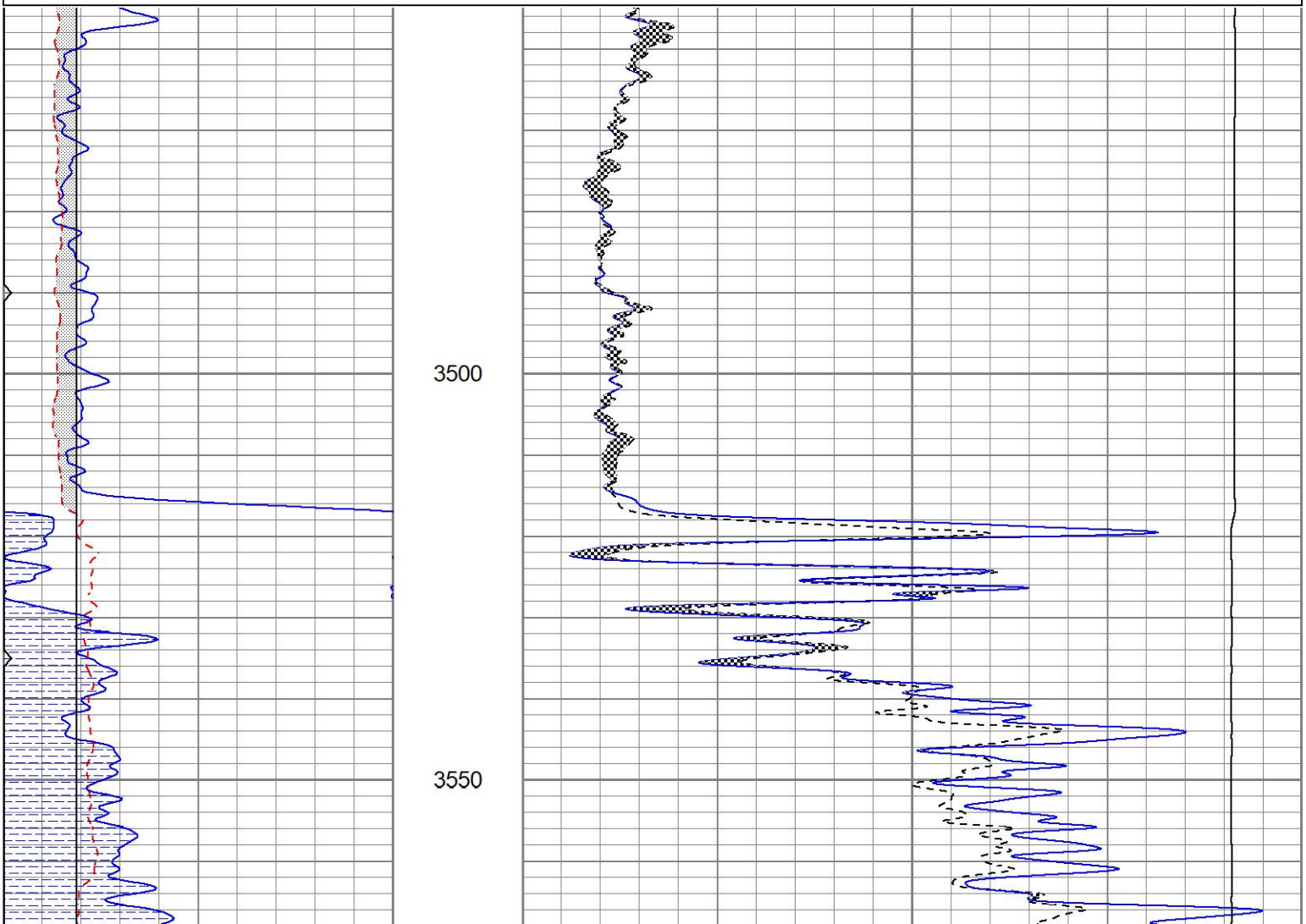
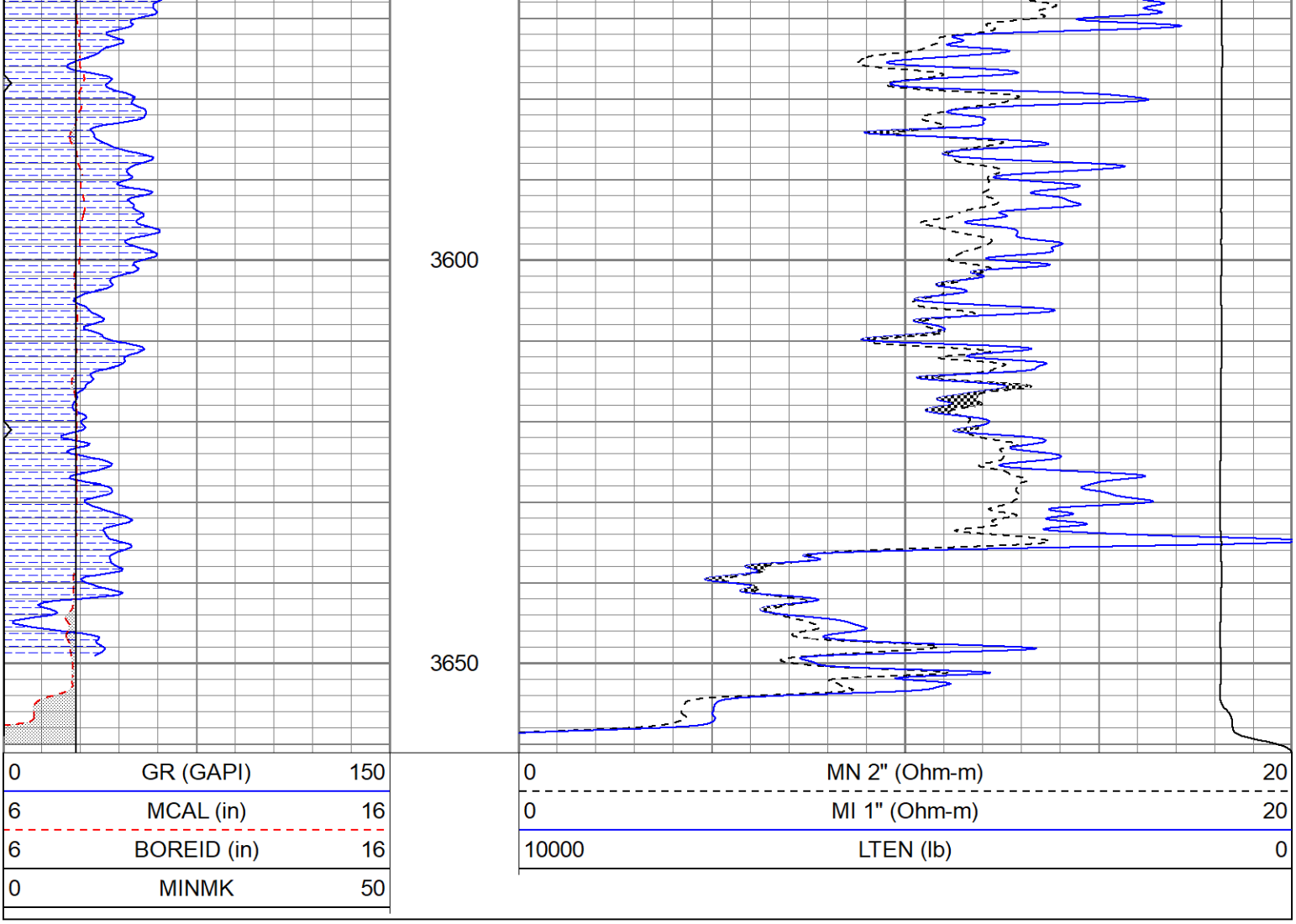
REPEAT SECTION

Database File	pebernstorf-janke#11oh.db
Dataset Pathname	pass4.1
Presentation Format	kml
Dataset Creation	Wed May 04 02:02:00 2022
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





Calibration Report

Database File	pebernstorf-janke#11oh.db
Dataset Pathname	pass4.1
Dataset Creation	Wed May 04 02:02:00 2022

Microlog Calibration Report

Serial-Model:	012-Pengo
Performed:	Wed May 4 01:33:30 2022

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m	b
Normal	0.0244	0.1185	V	0.0000	10.0000	Ohm-m	106.2690	-1.0954
Inverse	0.0290	0.1395	V	0.0000	10.0000	Ohm-m	80.5268	-1.1292
Caliper	2.7578	4.6384	V	7.9000	14.0000	in	3.2437	-0.8453

Gamma Ray Calibration Report

Serial Number:	2001	
Tool Model:	OH	
Performed:	Sat Sep 4 22:48:39 2021	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.7400	GAPI/cps