



DUAL INDUCTION LOG

Company PALOMINO PETROLEUM
 Well GIMME SHELTER #1
 Field UNNAMED
 County TREGO
 State KS

Company PALOMINO PETROLEUM
 Well GIMME SHELTER #1
 Field UNNAMED
 County TREGO State KS

Location: API #: 15-195-23137
 1361' FNL & 1629' FEL
 SEC 25 TWP 15S RGE 25W
 Permanent Datum Ground Level Elevation 2497
 Log Measured From KB 8' AGL
 Drilling Measured From KB
 Other Services
 CDNL
 ML
 Elevation
 K.B. 2505
 D.F. 2503
 G.L. 2497

Date	06/05/22
Run Number	One
Depth Driller	4620
Depth Logger	4620
Bottom Logged Interval	4618
Top Log Interval	00
Casing Driller	8 5/8" @ 309'
Casing Logger	309
Bit Size	7 7/8"
Type Fluid in Hole	Chemical
Density / Viscosity	9.2/54
pH / Fluid Loss	11.0/5.4
Source of Sample	Pit
Rm @ Meas. Temp	1.2@70degf
Rmf @ Meas. Temp	.90@70degf
Rmc @ Meas. Temp	1.44@70degf
Source of Rmf / Rmc	Calculated
Rm @ BHT	.73@115degf
Time Circulation Stopped	2:00 A.M.
Time Logger on Bottom	4:00 AM
Maximum Recorded Temperature	115degf
Equipment Number	T605
Location	Hays, KS
Recorded By	GUS PFANENSTIEL
Witnessed By	RYAN SEIB

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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

WEST OF ARNOLD TO J RD NORTH TO T EAST 1/4 MILE NORTH TO CC RD.
 3/4 MILE, SOUTH INTO.

Thank You for using Gemini Wireline LLC
 785-625-1182



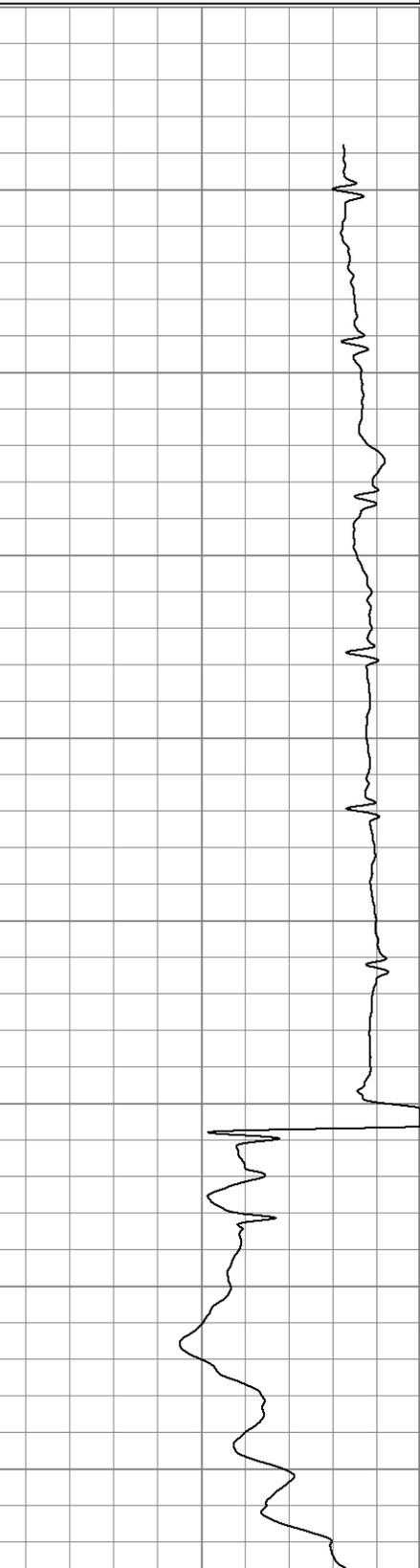
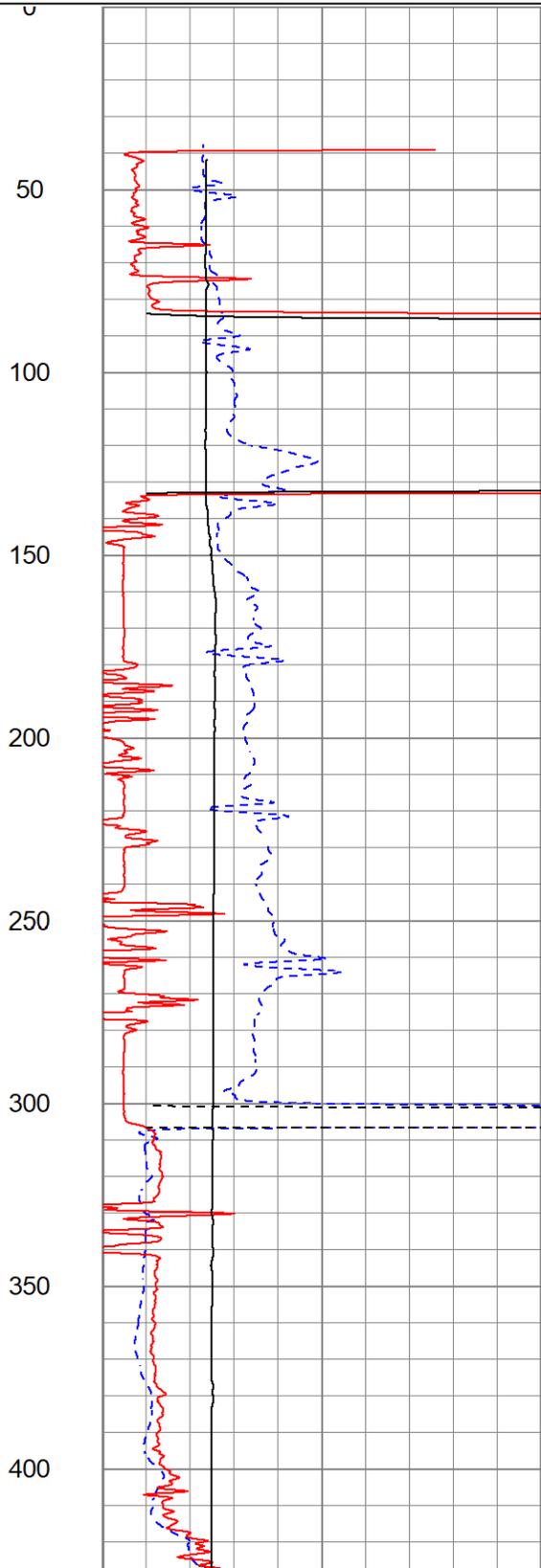
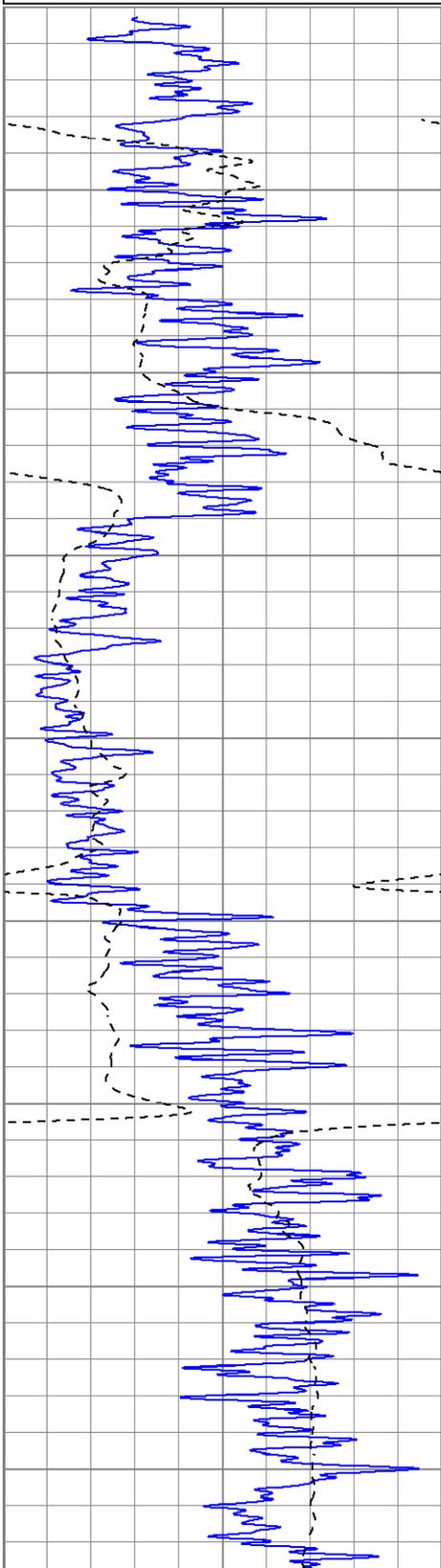
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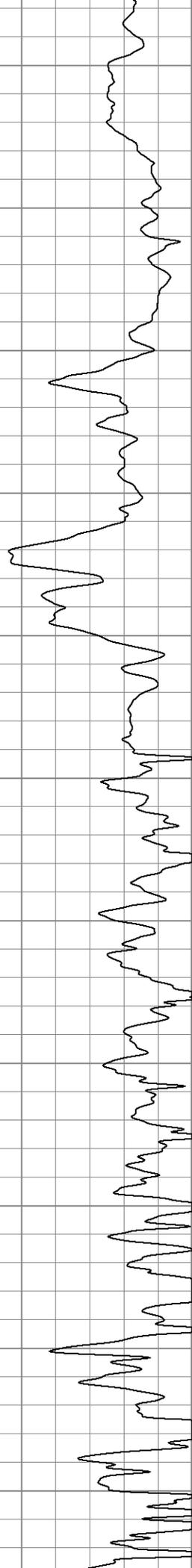
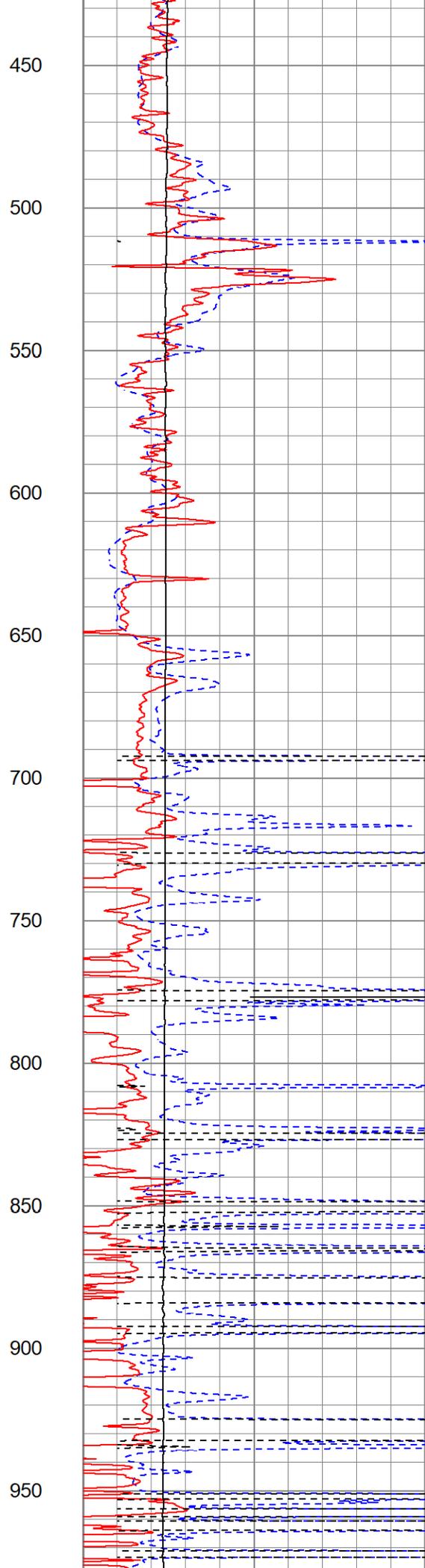
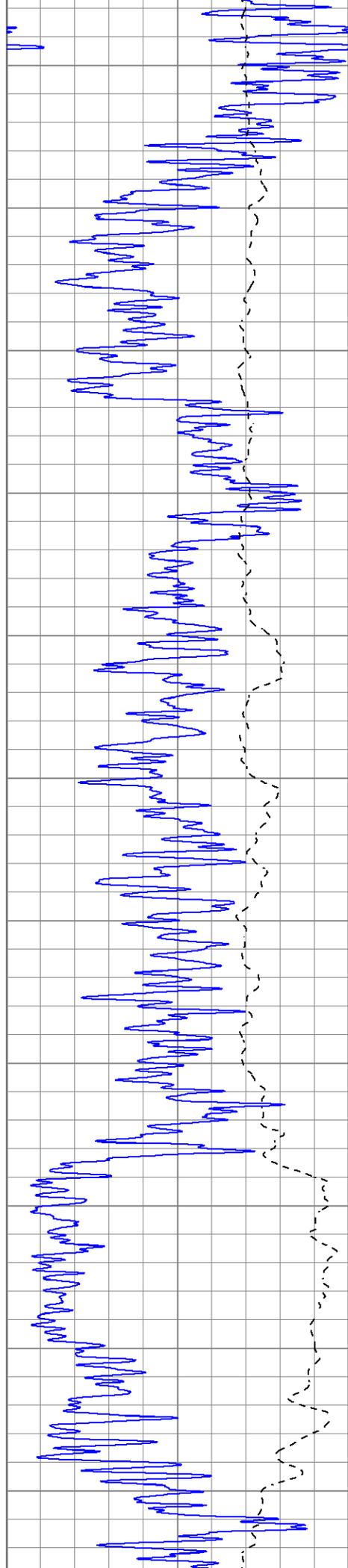
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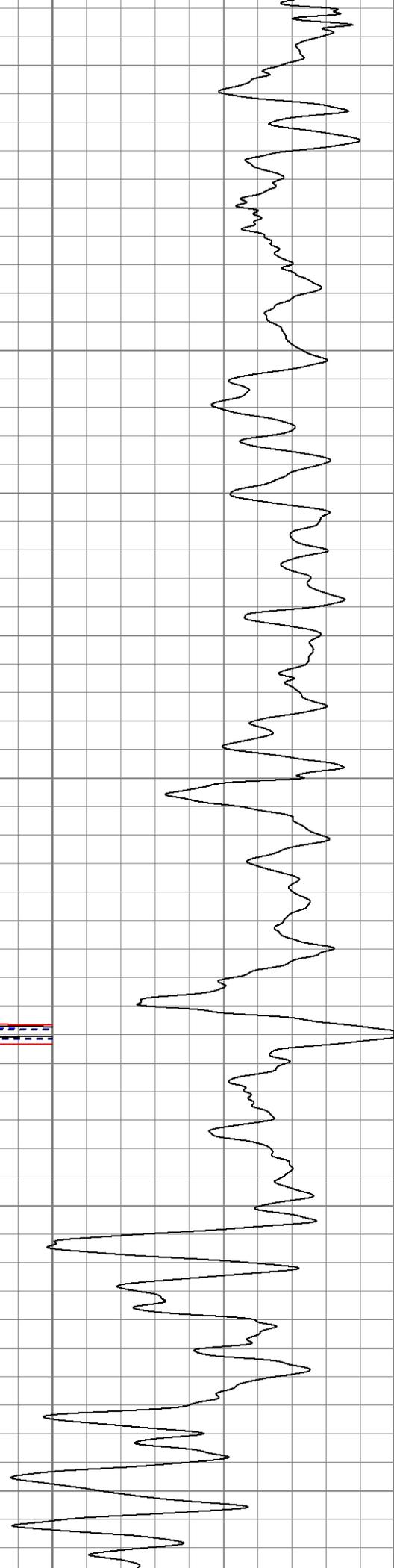
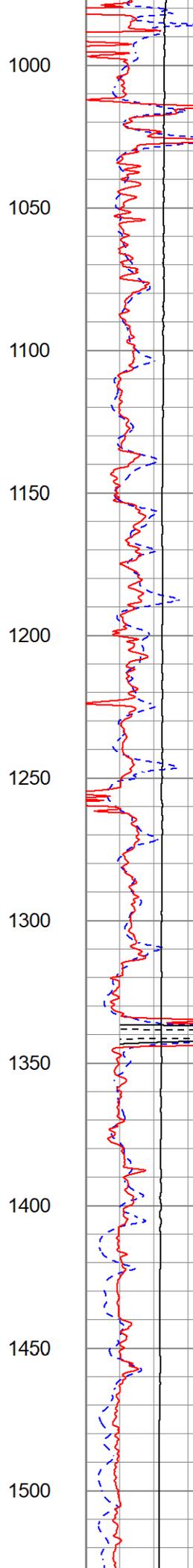
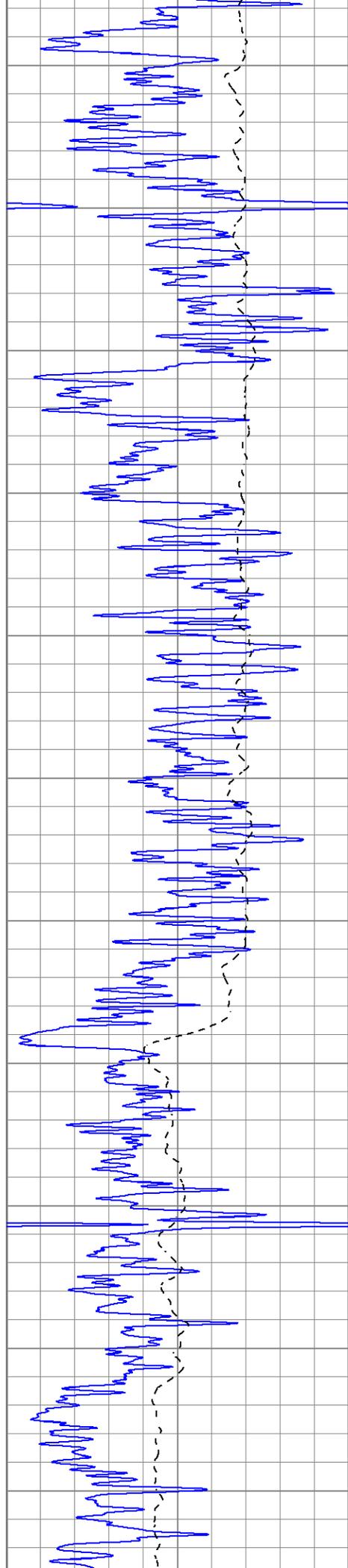
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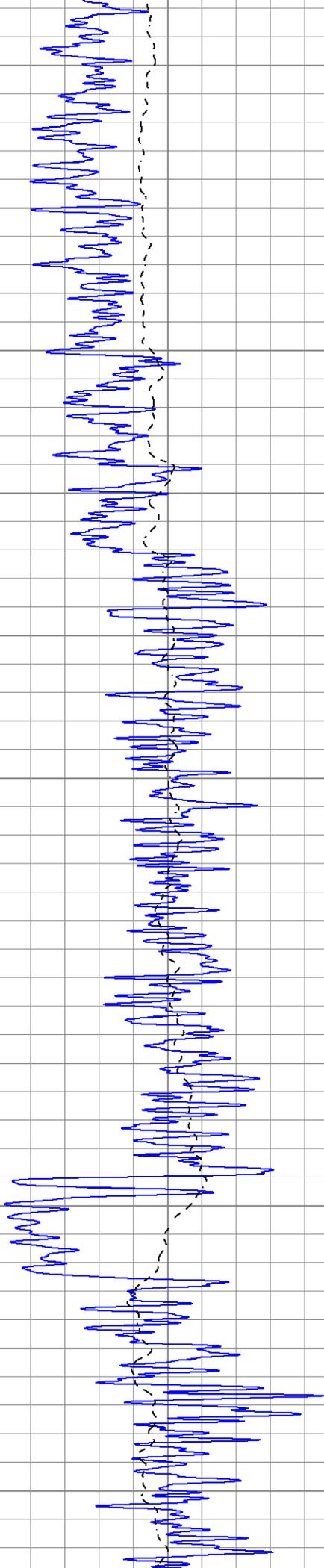
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10000	LTEN (lb)	0

0	RILD (Ohm-m)	50
0	RLL3 (Ohm-m)	50
50	RILD x 10 (Ohm-m)	500
50	RLL3 x 10 (Ohm-m)	500









1550

1600

1650

1700

1750

1800

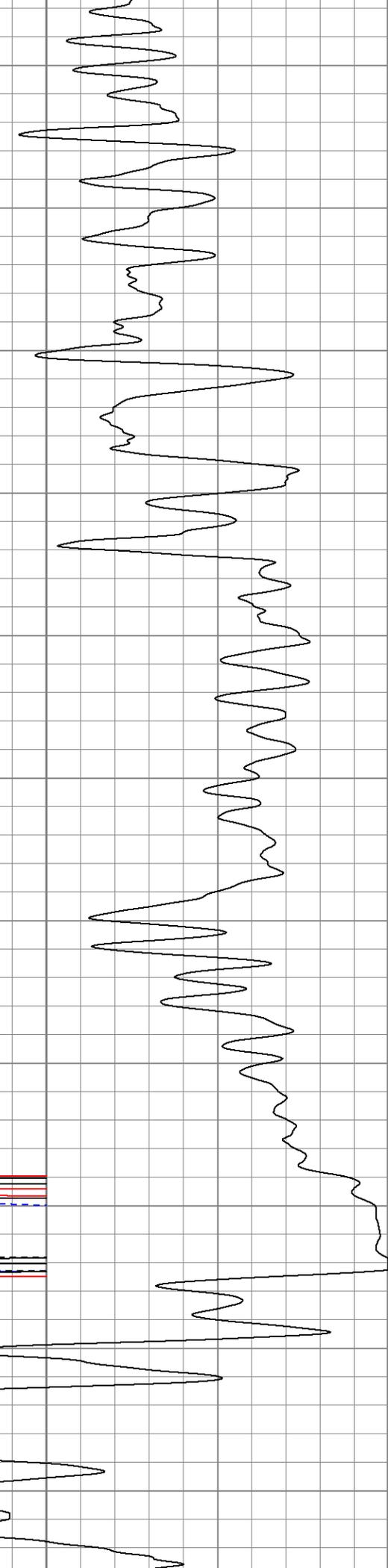
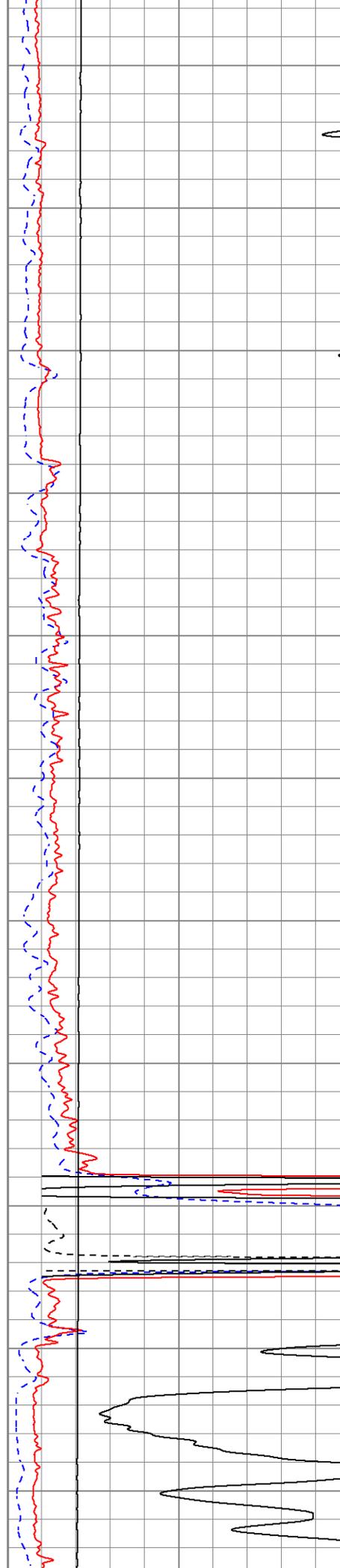
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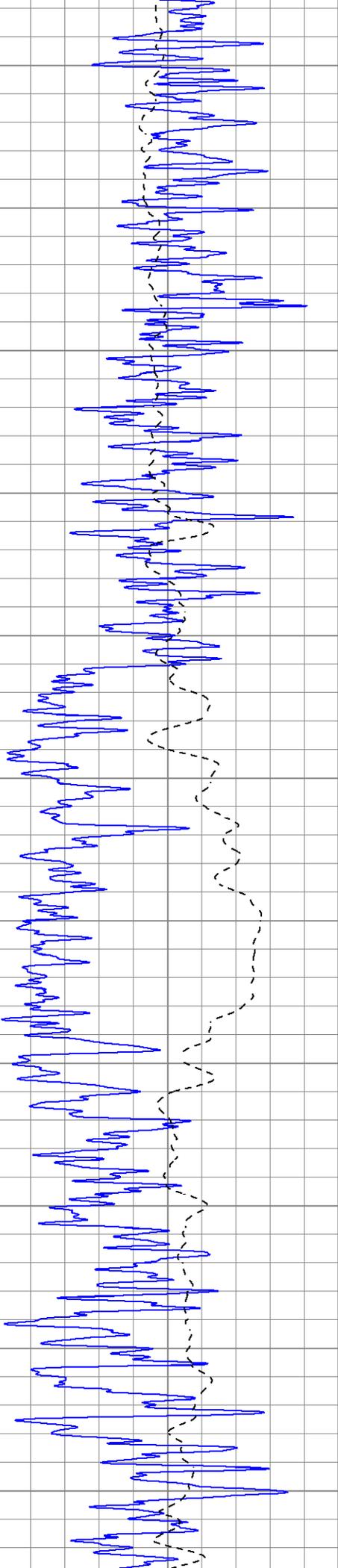
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1950

2000

2050





2100

2150

2200

2250

2300

2350

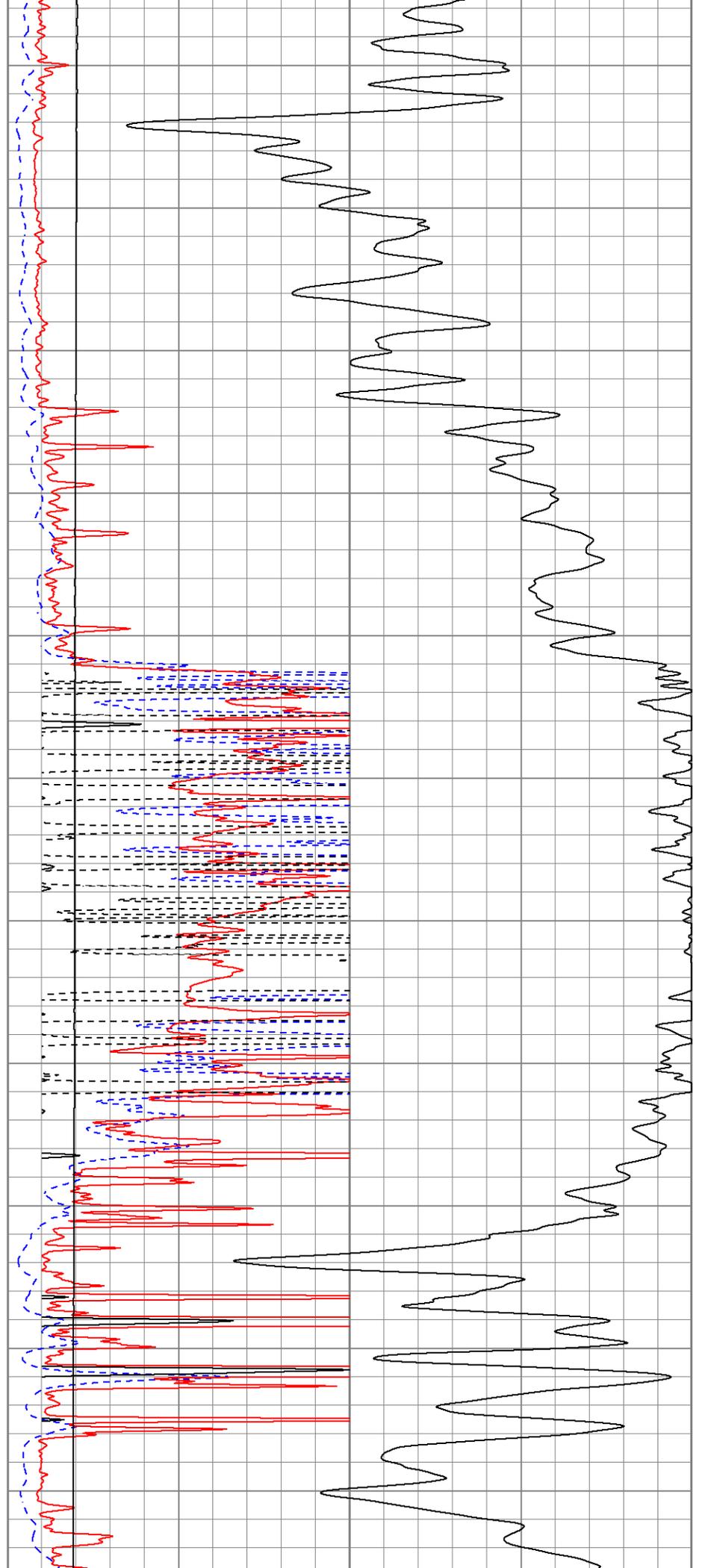
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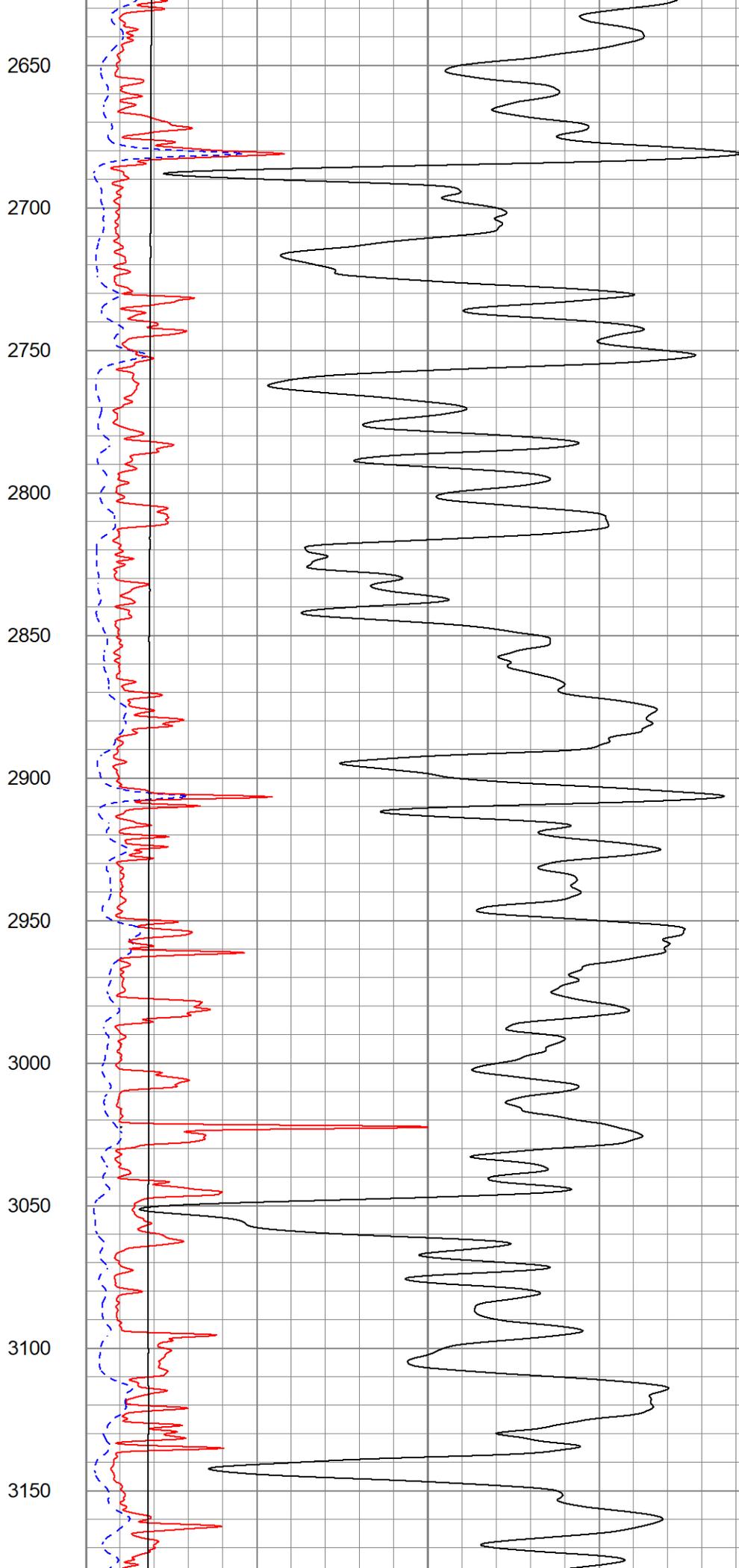
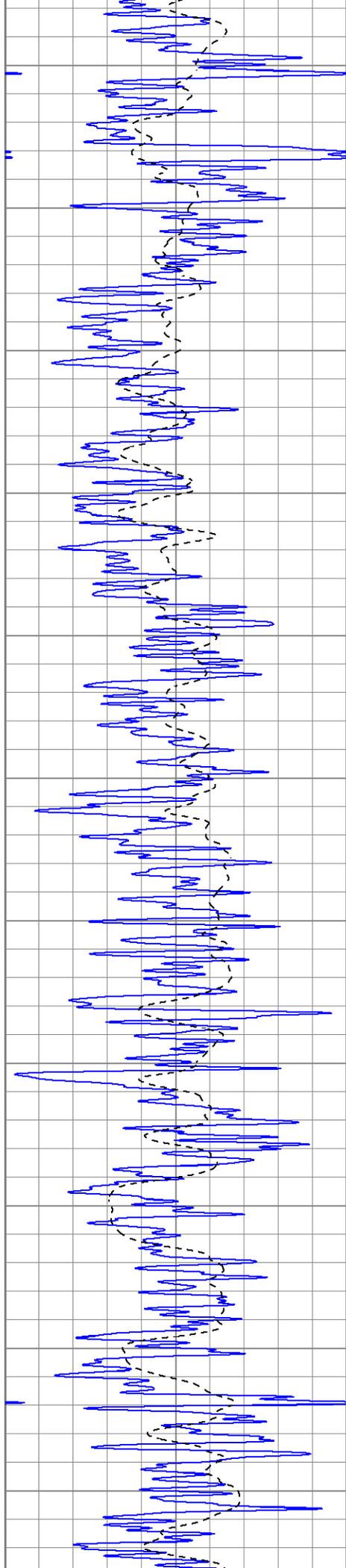
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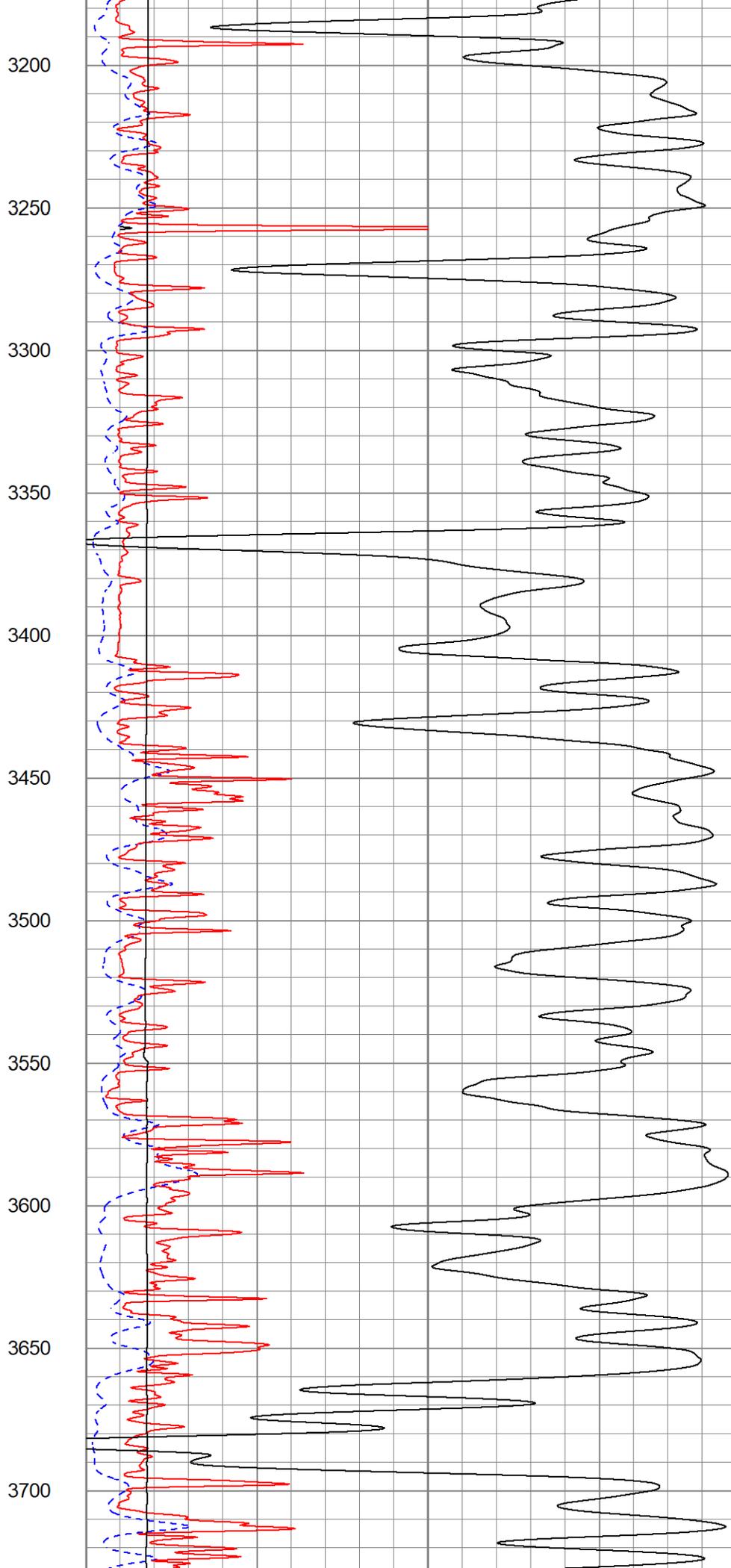
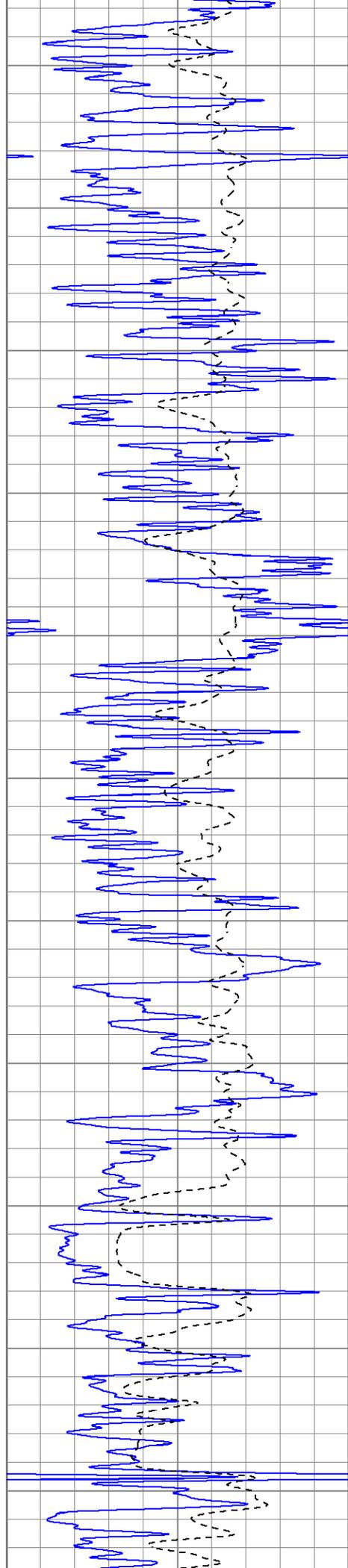
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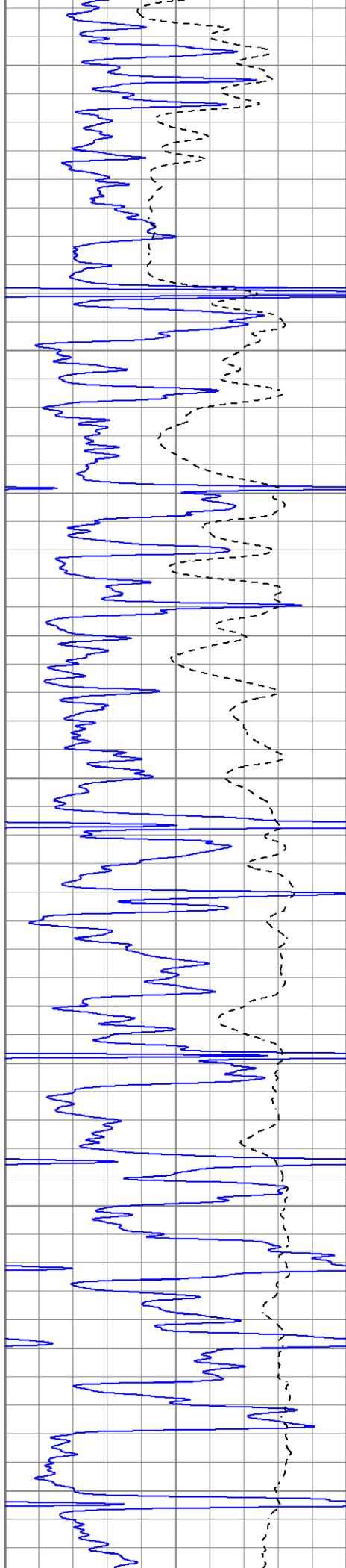
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2600









3750

3800

3850

3900

3950

4000

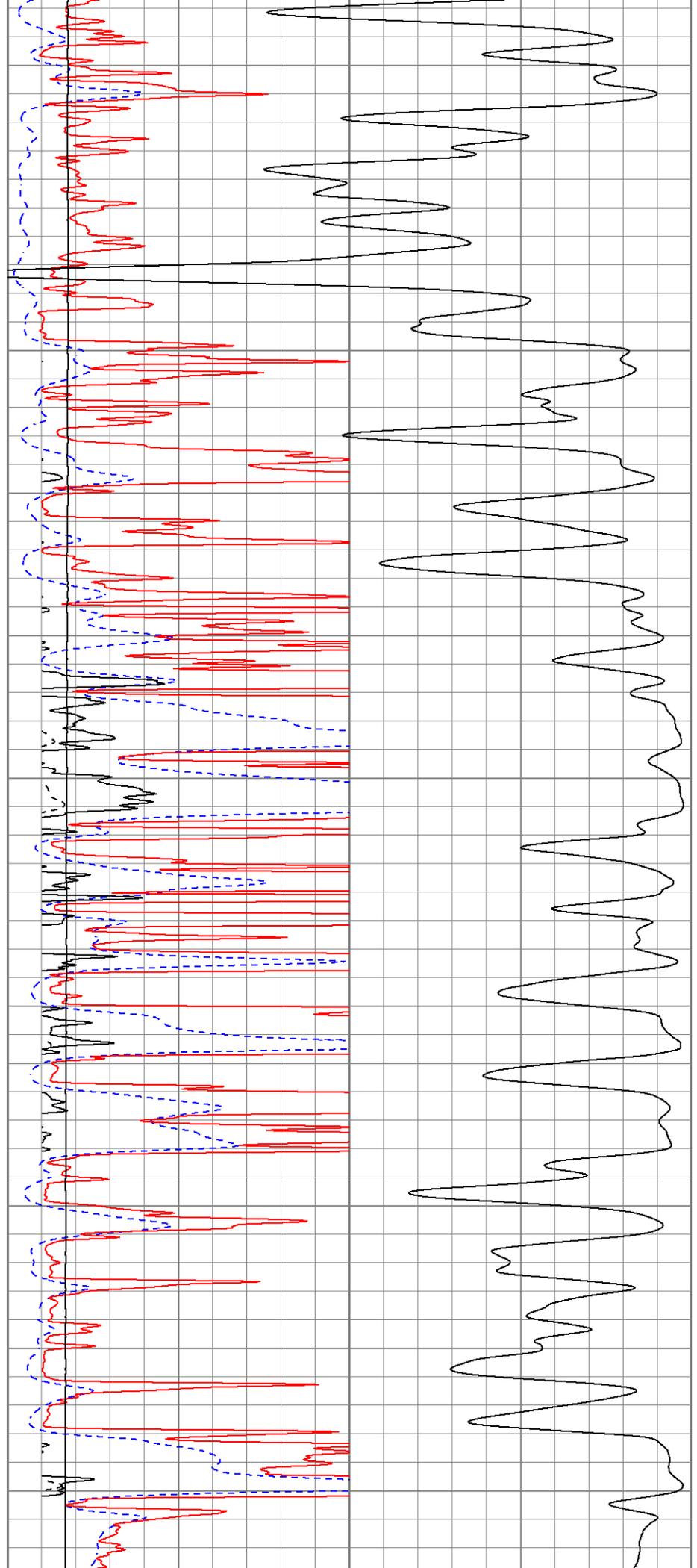
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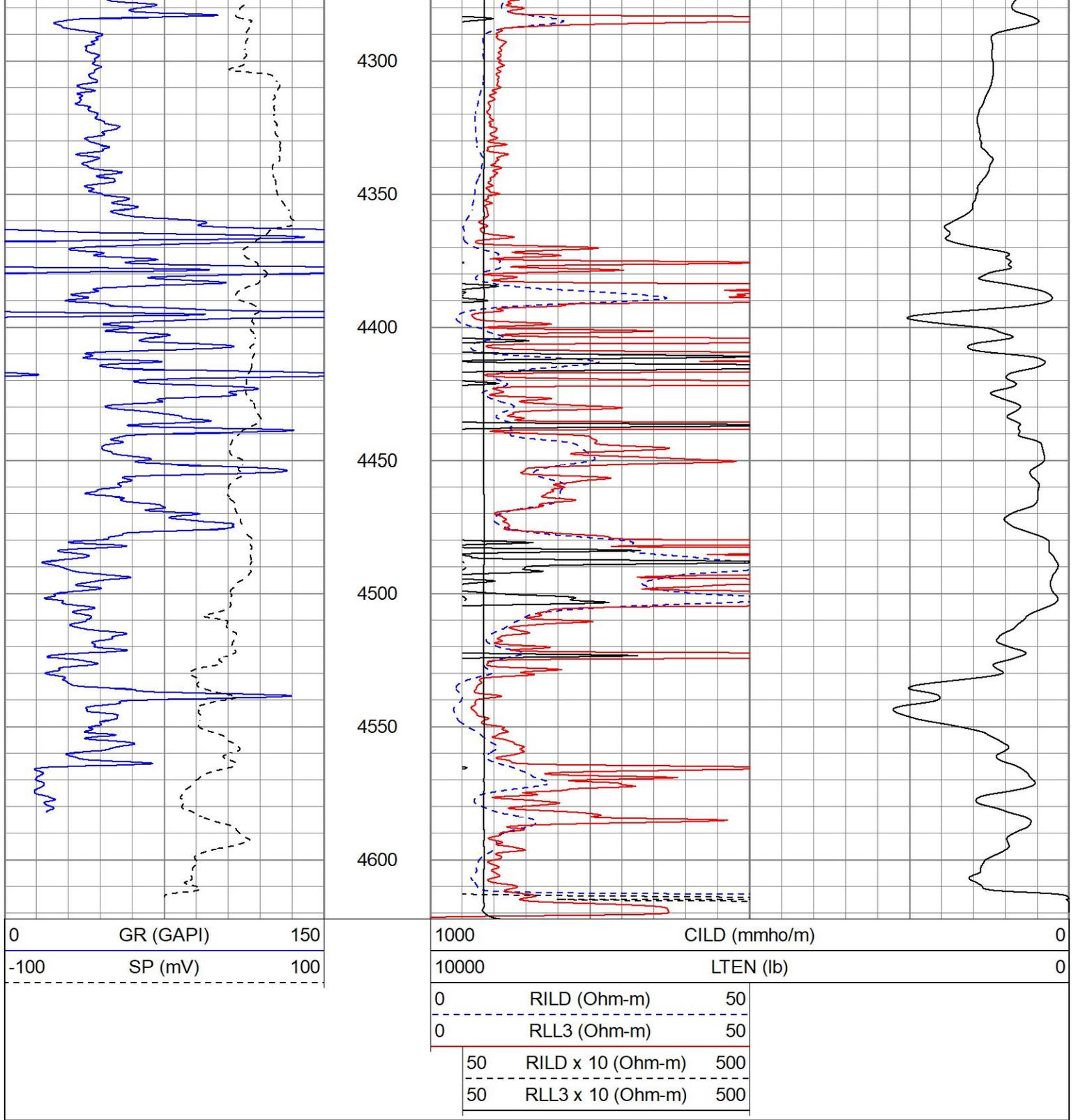
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4150

4200

4250

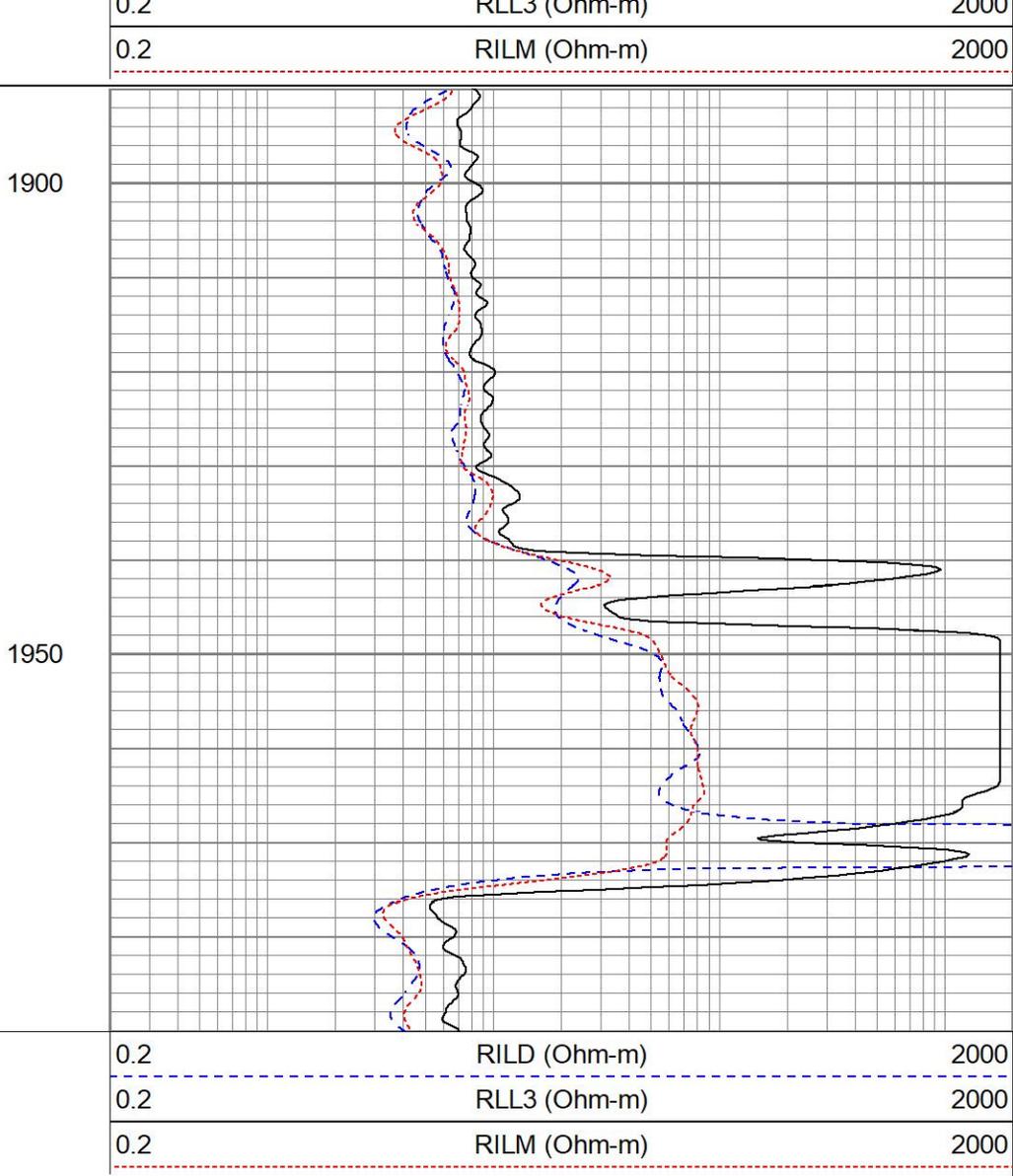
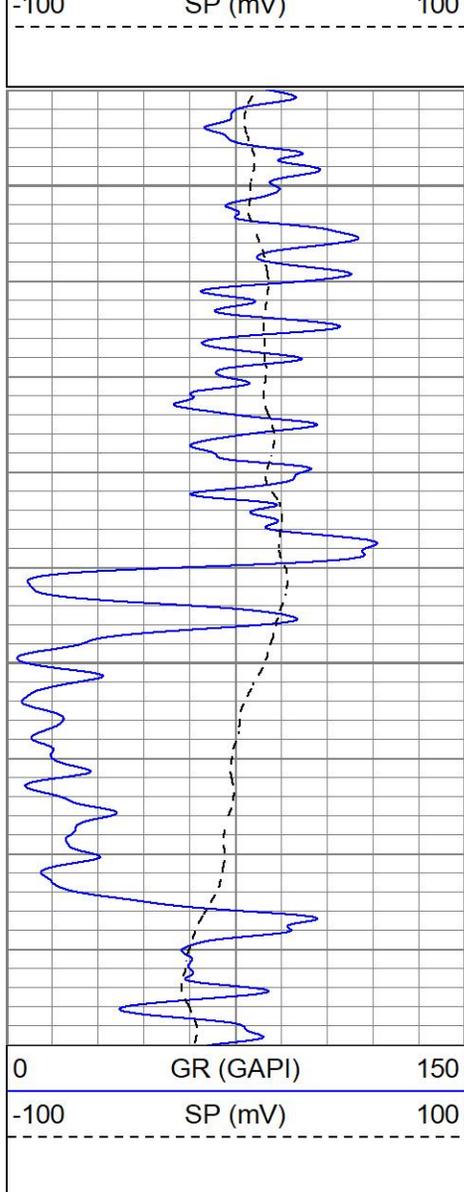




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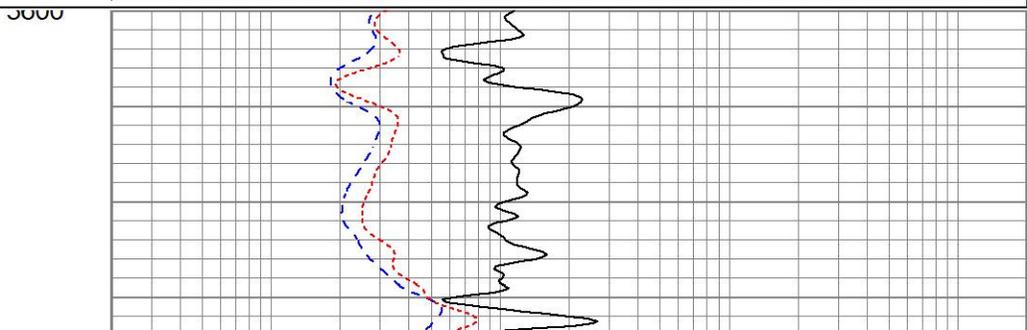
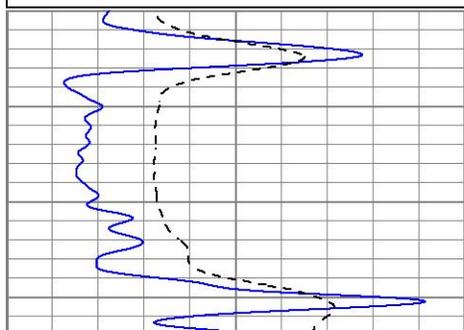
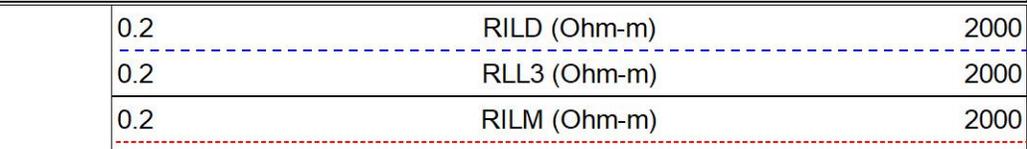
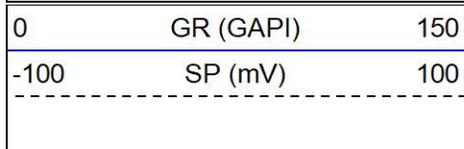
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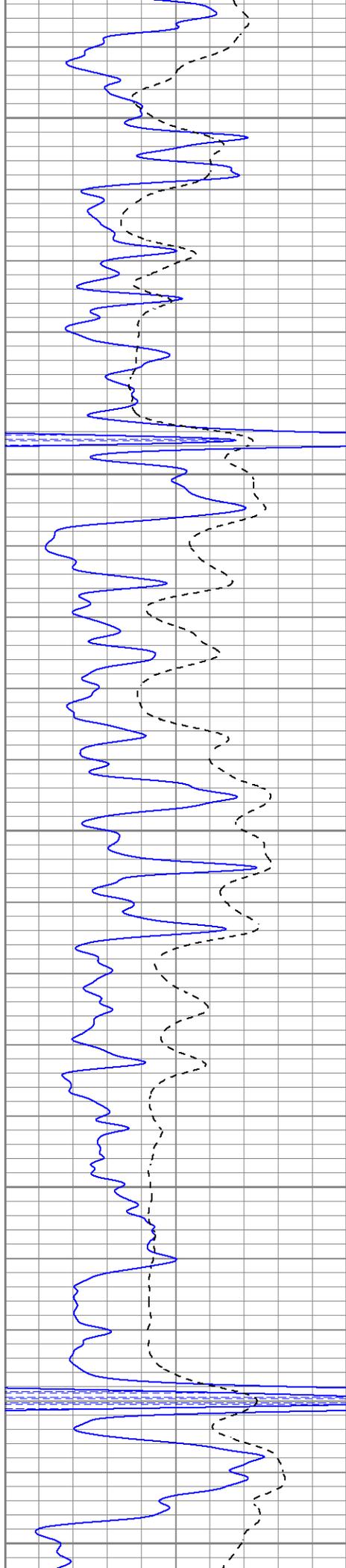
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100	SP (mV)	100
0.2	RILD (Ohm-m)	2000
0.2	RLL3 (Ohm-m)	2000



MAIN PASS

Database File ppgimmeshelter#1oh.db
 Dataset Pathname pass3
 Presentation Format kdil
 Dataset Creation Sun Jun 05 05:00:44 2022
 Charted by Depth in Feet scaled 1:240





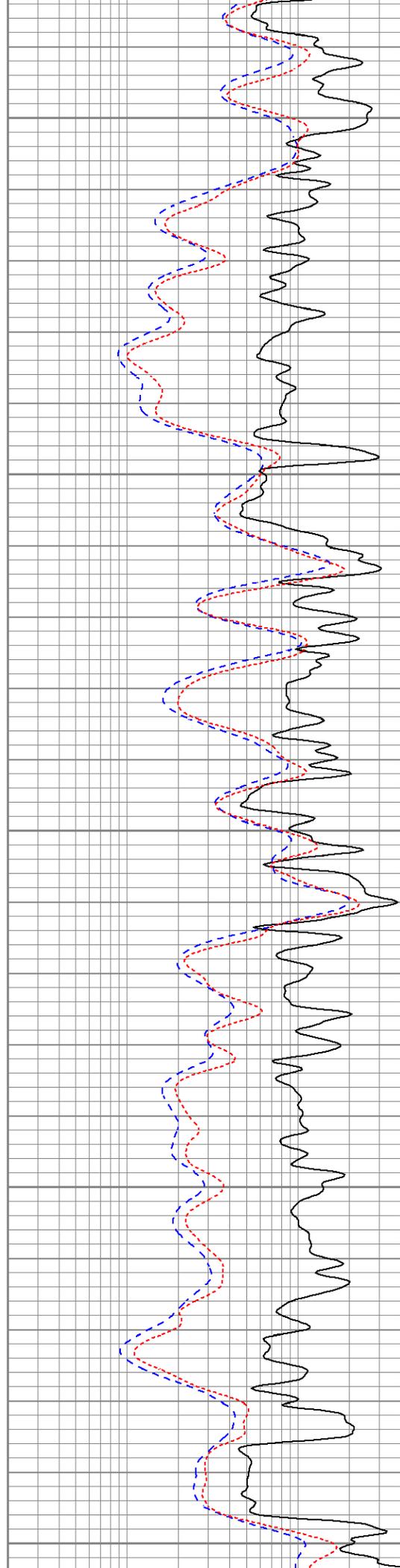
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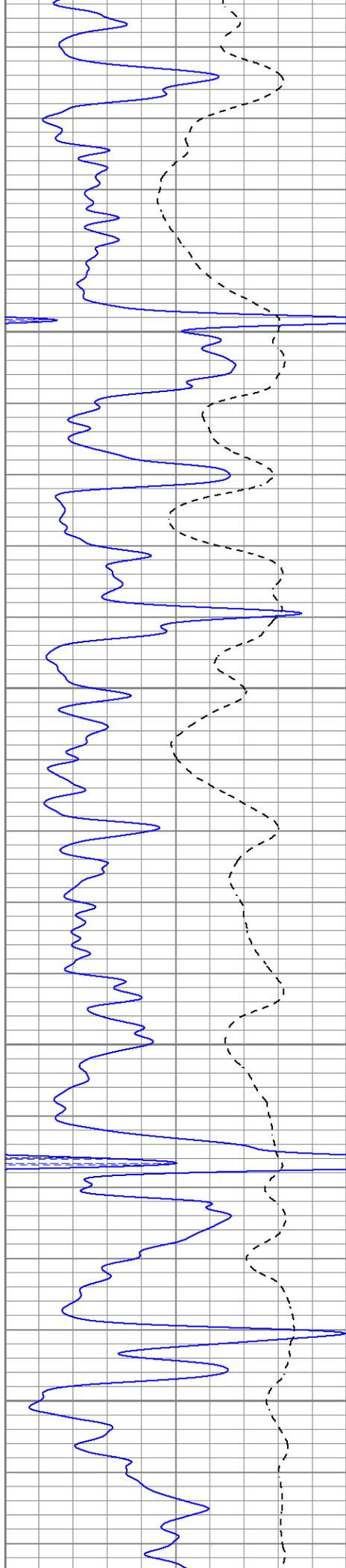
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3750

3800

3850



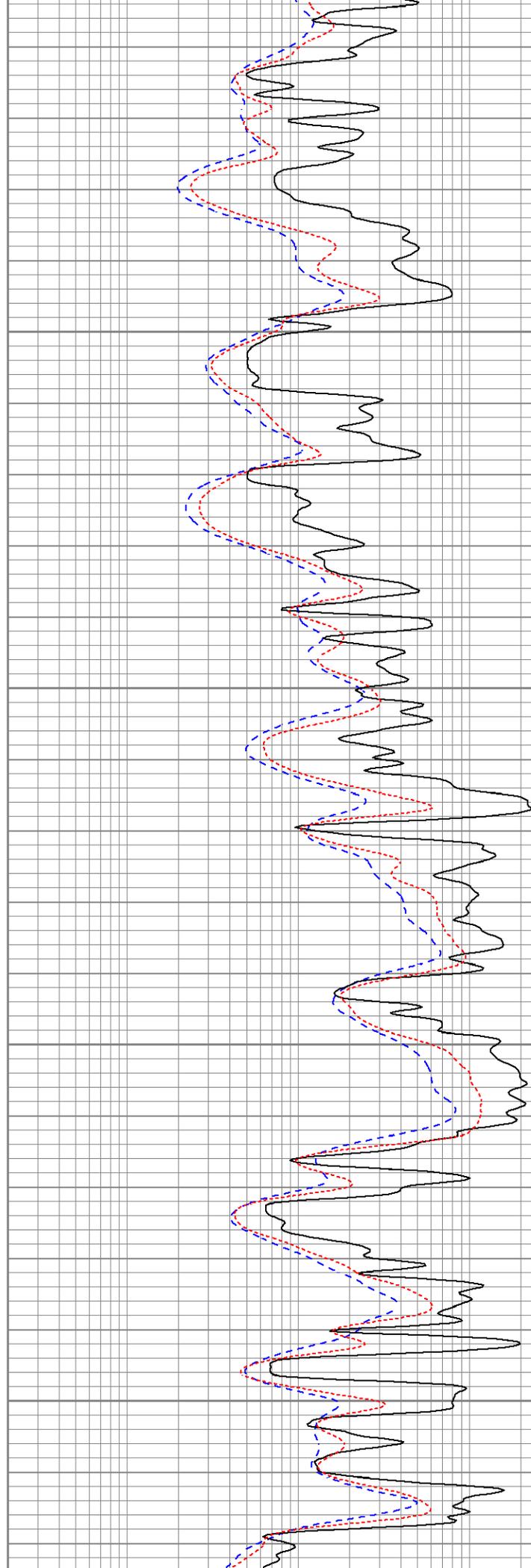


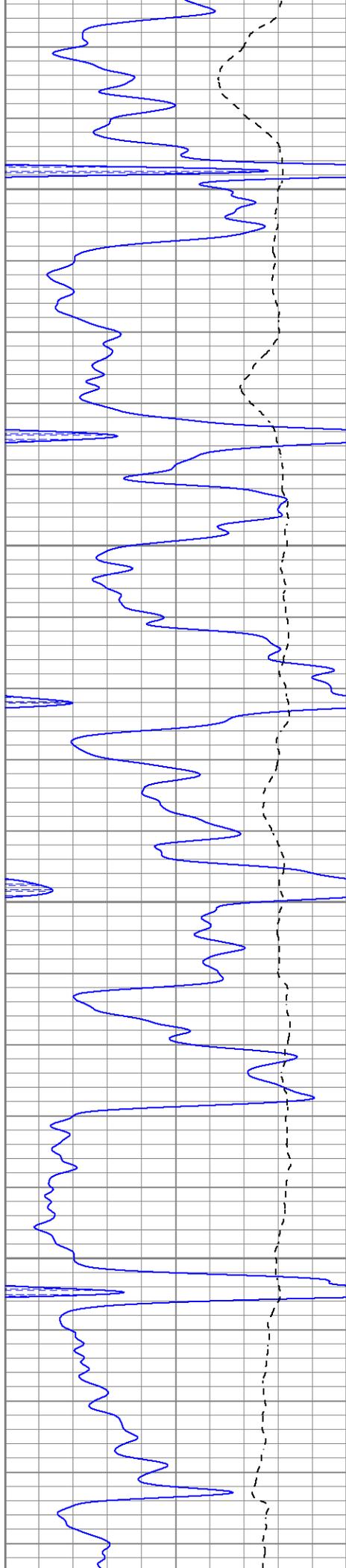
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3950

4000

4050



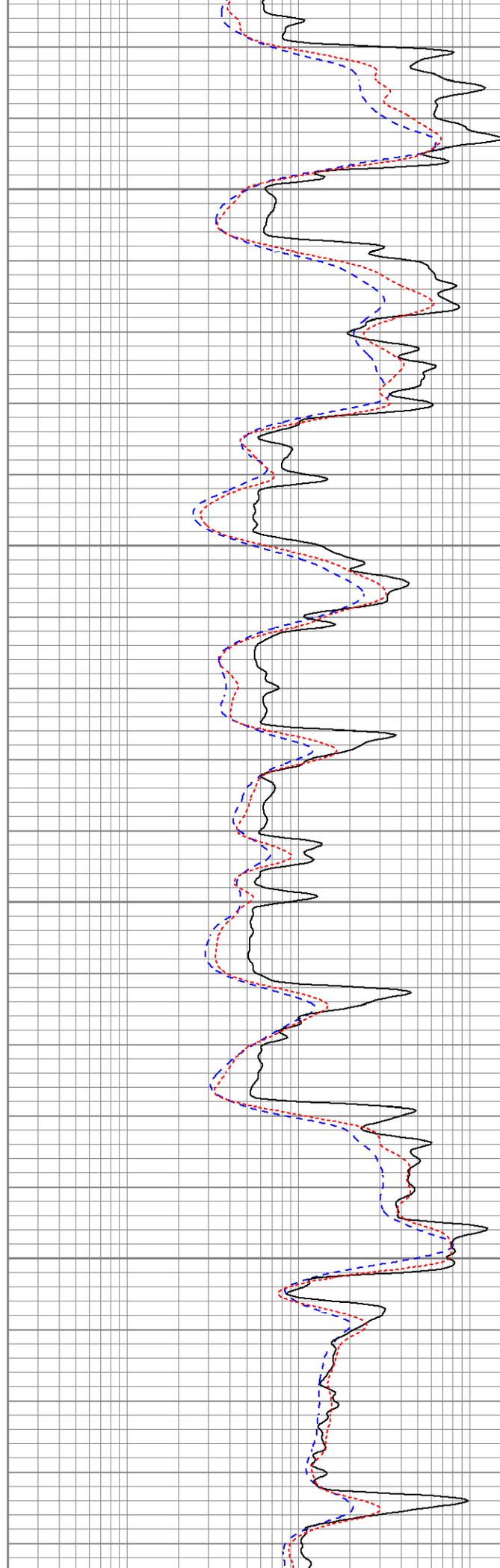


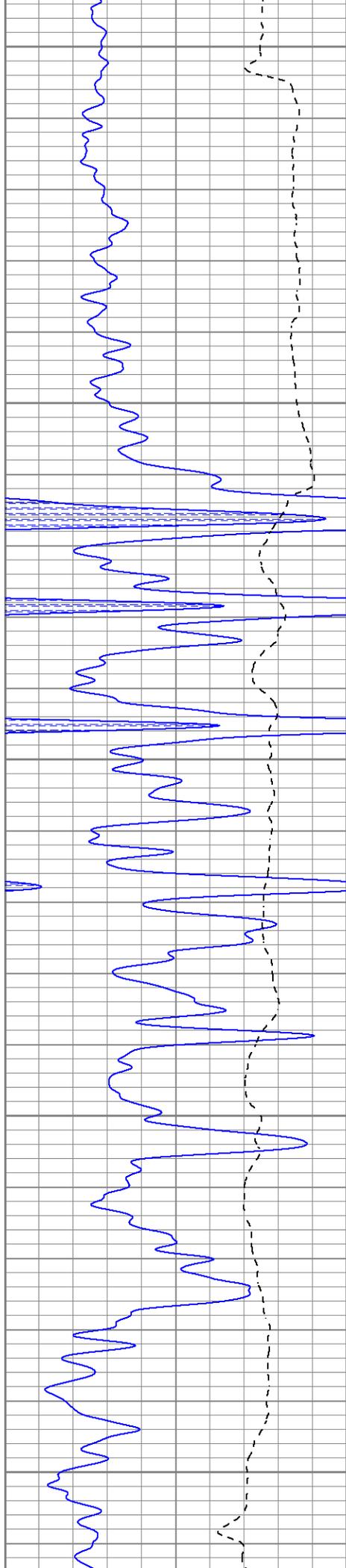
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4150

4200

4250





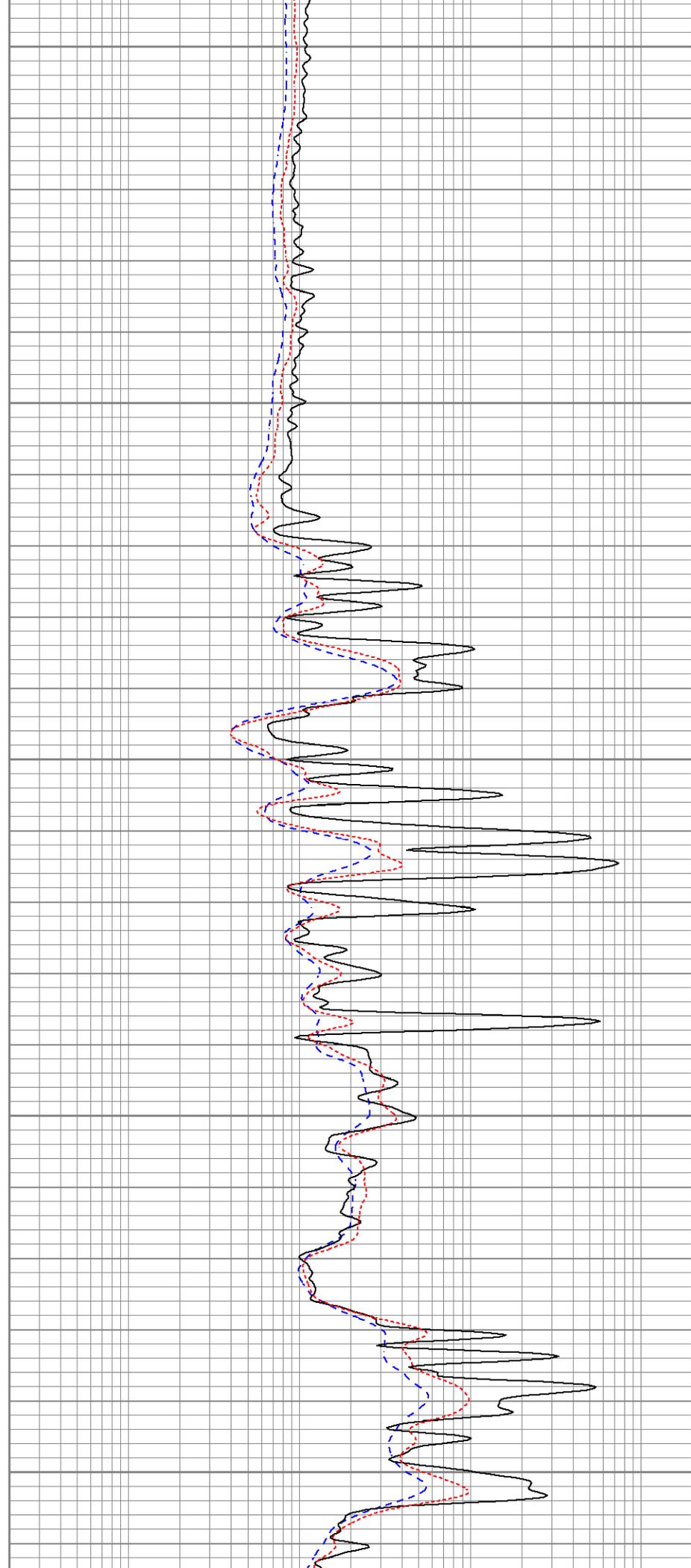
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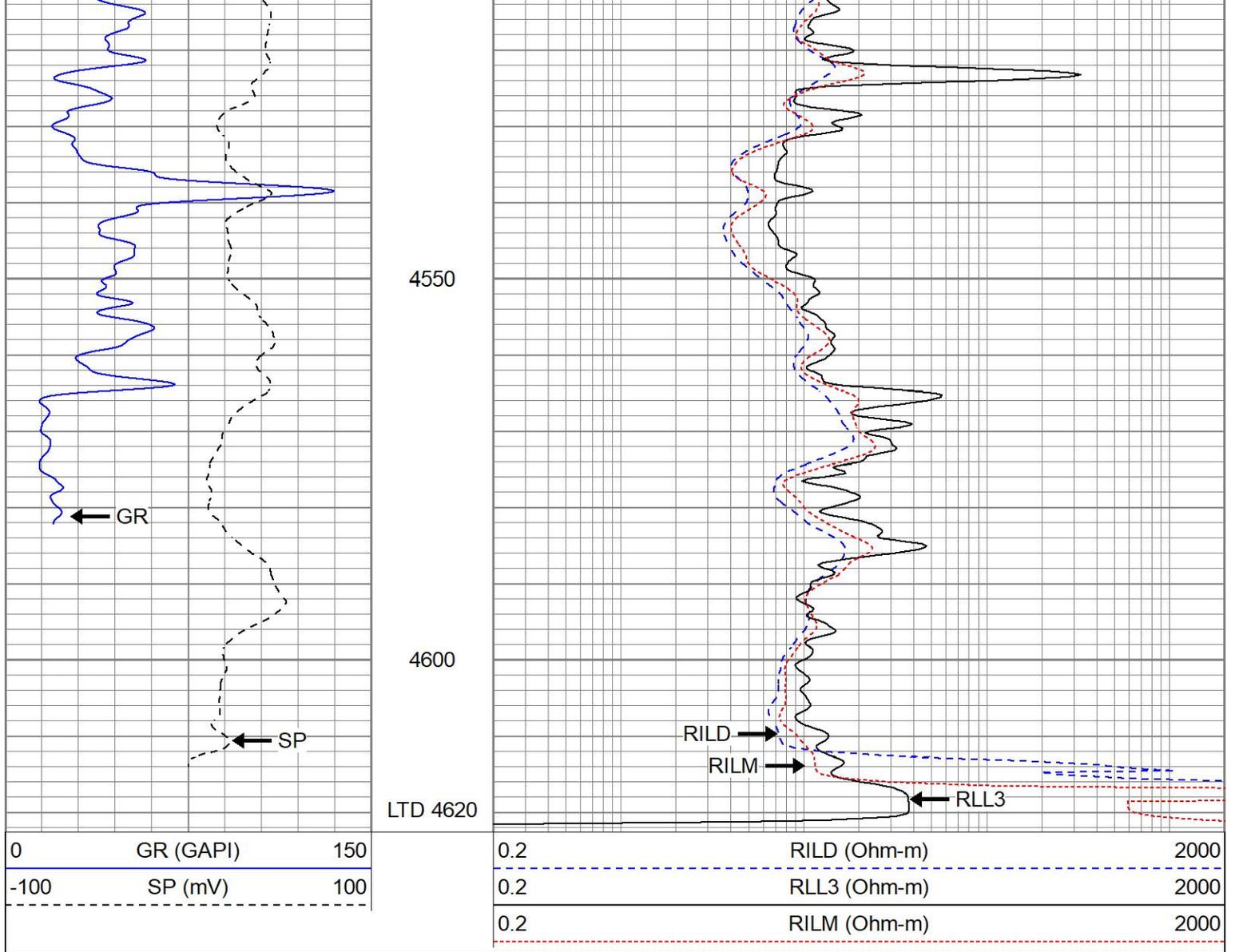
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4500

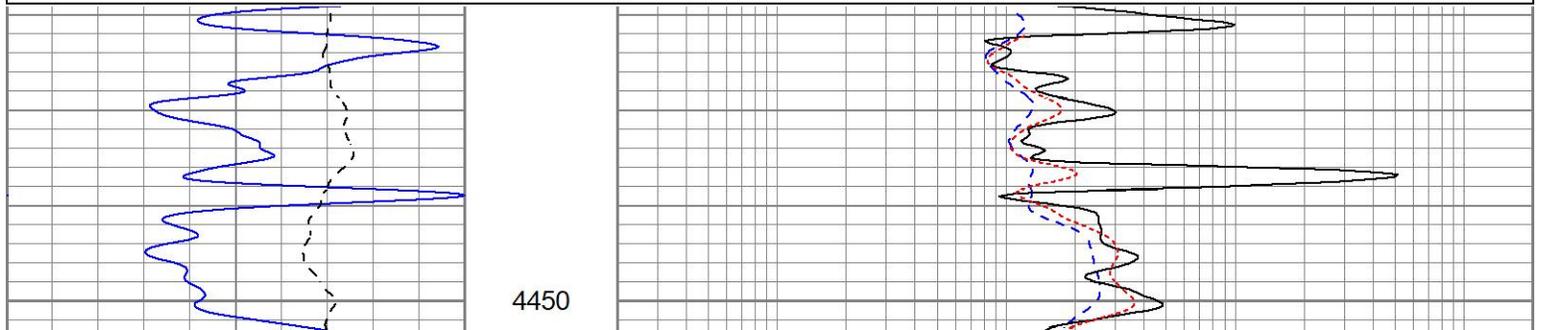


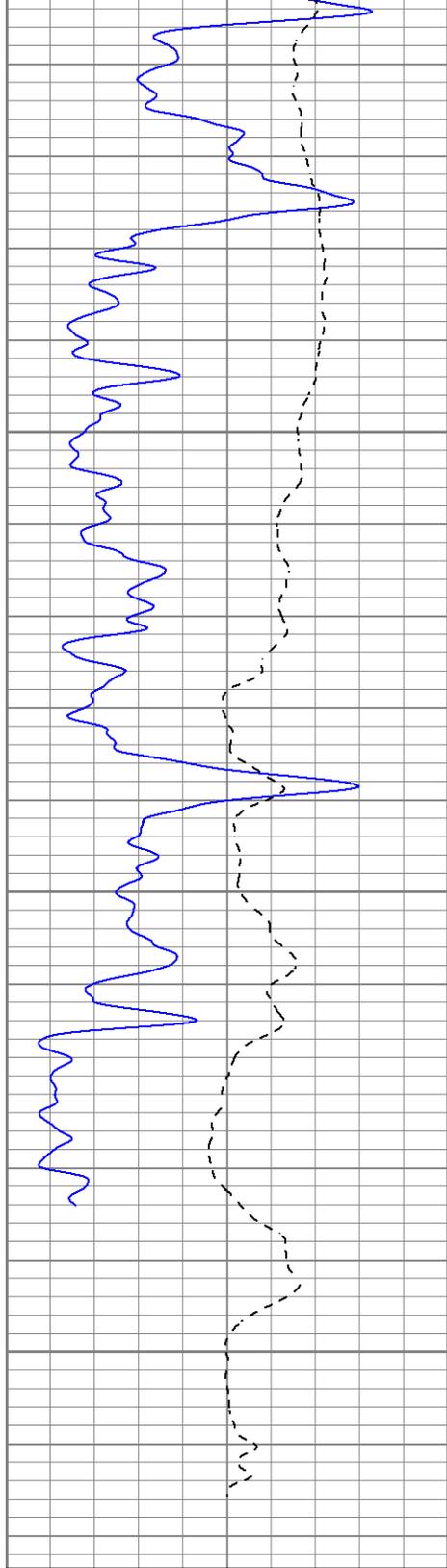


REPEAT SECTION

Database File ppgimmeshelter#1oh.db
 Dataset Pathname pass2
 Presentation Format kdil
 Dataset Creation Sun Jun 05 04:53:05 2022
 Charted by Depth in Feet scaled 1:240

0	GR (GAPI)	150	0.2	RILD (Ohm-m)	2000
-100	SP (mV)	100	0.2	RLL3 (Ohm-m)	2000
			0.2	RILM (Ohm-m)	2000



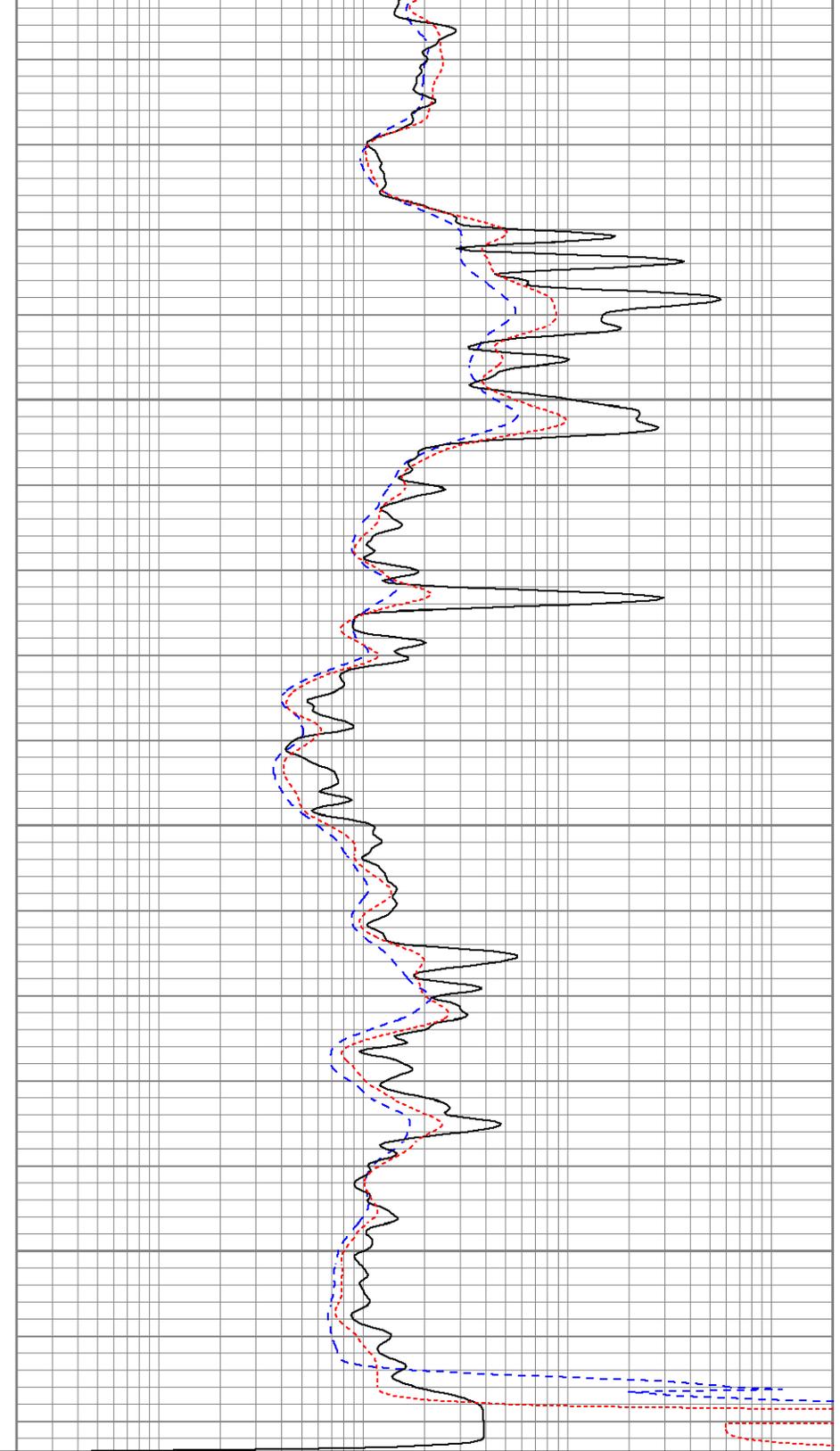


0	GR (GAPI)	150
-100	SP (mV)	100

4500

4550

4600



0.2	RILD (Ohm-m)	2000
0.2	RLL3 (Ohm-m)	2000
0.2	RILM (Ohm-m)	2000

Calibration Report

Database File ppgimmeshelter#1oh.db
 Dataset Pathname pass2
 Dataset Creation Sun Jun 05 04:53:05 2022

Dual Induction Calibration Report

Serial-Model: 1842-ADM

Surface Cal Performed:
Downhole Cal Performed:
After Survey Verification Performed:

Mon Sep 20 22:00:42 2021
Mon Sep 20 22:00:24 2021
Mon Sep 20 22:05:52 2021

Surface Calibration

Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.018	0.672	V	0.000	350.000	mmho/m	535.475	-9.896
Medium	0.003	0.769	V	0.000	400.000	mmho/m	522.607	-1.745
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.018	0.672	V	0.000	350.000	mmho/m	535.240	-9.549
Medium	0.003	0.768	V	0.000	550.000	mmho/m	718.637	-2.088

Downhole Calibration

Readings				References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	-0.219	349.905	mmho/m	-0.343	349.810	mmho/m	1.000	-3.124
Medium	-0.118	399.722	mmho/m	-0.226	399.745	mmho/m	1.000	-3.108
Shallow	2.536	0.025	V	500.000	2.000	Ohm-m	170.330	-1.504

After Survey Verification

Readings				Targets			Results	
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	-0.219	349.905	mmho/m	1.000	-3.124
Medium	0.000	0.000	mmho/m	-0.118	399.722	mmho/m	1.000	-3.108
Shallow	0.000	0.000	Ohm-m	500.000	2.000	Ohm-m	1.000	0.000

Admyr Lithodensity Calibration Report

Serial-Model: 1C-C
Source: Blue2
Master Calibration Performed: Tue Oct 20 08:37:42 2020

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.670	g/cc	6640.15	4353.97	cps
Aluminium	2.640	g/cc	1651.98	2729.31	cps
Aluminium+Sleeve	2.640	g/cc	1651.98	2729.31	cps
Spine Angle = 71.44			Density/Spine Ratio = 0.661		
	PE		NLITH	NHARD	
Magnesium	1.900	barn	1410.00	1000.00	cps
Aluminium	2.400	barn	1101.00	918.50	cps
Aluminium+Sleeve	5.000	barn	656.00	951.00	cps
M = 0.448			B = -0.112	R = 0.999	
	Size		Reading		
Small Ring	8.00	in	8.61	V	
Large Ring	14.30	in	12.40	V	

Serial Number:	AD5139	
Tool Model:	ADMY5139	
Performed:	(Not Performed)	
Calibrator Value:	1	NAPI
Calibrator Reading:	1	cps
Sensitivity:	1	NAPI/cps

Temperature Calibration Report

Serial Number:	WithMC
Tool Model:	WMC
Performed:	Fri Apr 19 12:15:04 2019
	Reference Reading
Low Reference:	0.00 degF 0.00 degF
High Reference:	1.00 degF 1.00 degF
Gain:	1.00
Offset:	0.00
Delta Spacing	1

Inclinometer Calibration Report

Performed:	Wed May 5 19:20:48 2021				
	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:	WithMC	
Tool Model:	WMC	
Performed:	Wed May 5 19:21:08 2021	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps