



DUAL INDUCTION LOG

Company	PALOMINO PETROLEUM, INC.		
Well	SPEEDWAY #1		
Field	BROUGHTON NORTH		
County	LANE	State	KANSAS
Location:	API # : 15-101-22665-0000 2393' FNL & 745' FWL SW - SE - SW - NW		
Permanent Datum	GROUND LEVEL	Elevation	2620
Log Measured From	KELLY BUSHING 11' A.G.L.	Other Services CDL/CNL MEL	
Drilling Measured From	KELLY BUSHING	Elevation K.B. 2631 D.F. 2629 G.L. 2620	
Date	1/20/22		
Run Number	ONE		
Depth Driller	4615		
Depth Logger	4614		
Bottom Logged Interval	4612		
Top Log Interval	00		
Casing Driller	8 5/8"@225'		
Casing Logger	225		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 5,200 PPM	
Density / Viscosity	9.5/58		
pH / Fluid Loss	9.5/8.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.10@55F		
Rmf @ Meas. Temp	.825@55F		
Rmc @ Meas. Temp	1.32@55F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.496@122F		
Time Circulation Stopped	2.5 HOURS		
Time Logger on Bottom	3:30 A.M.		
Maximum Recorded Temperature	122F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
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.

15-101-22665-0000

Comments

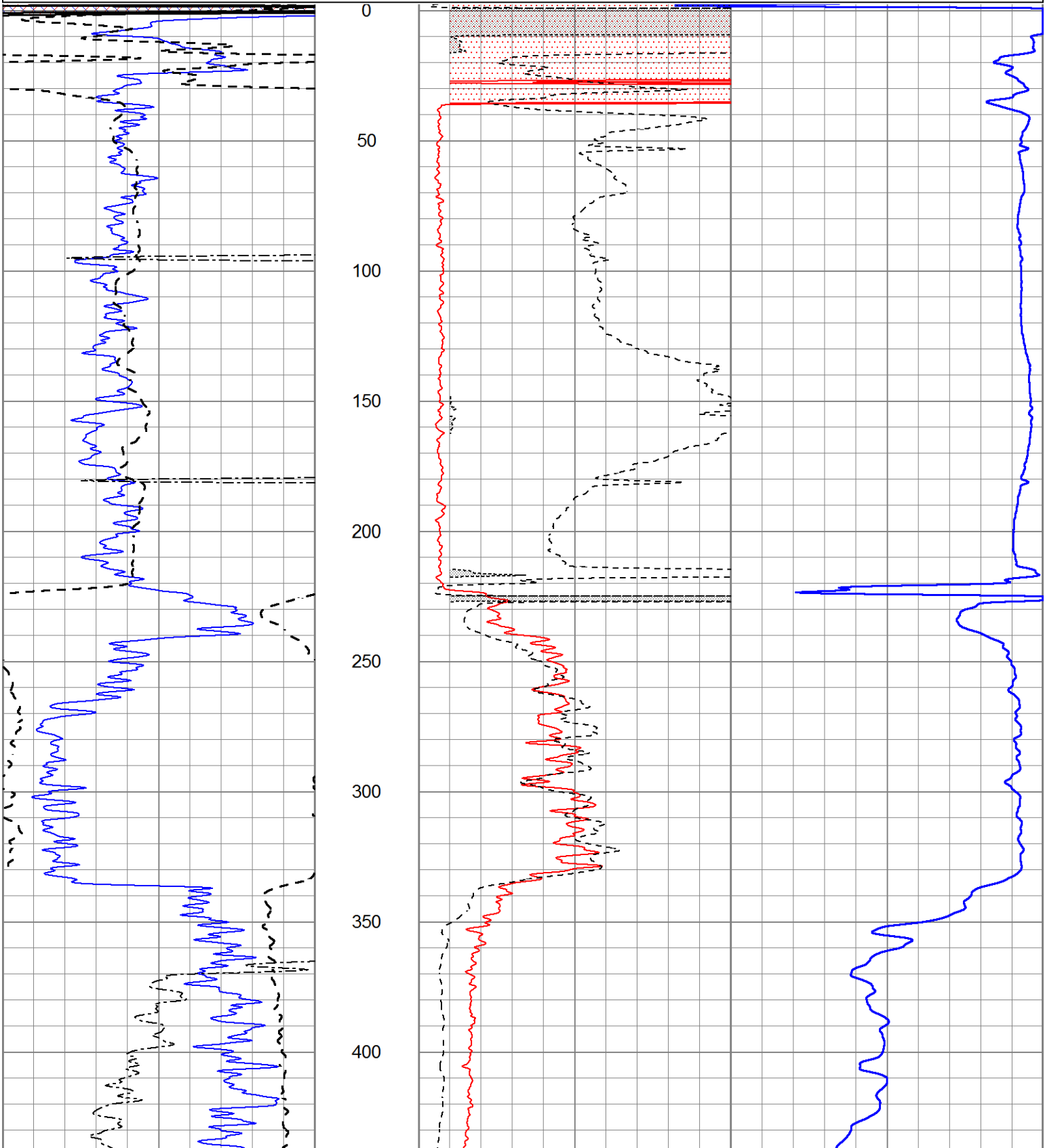
THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395
DIRECTIONS

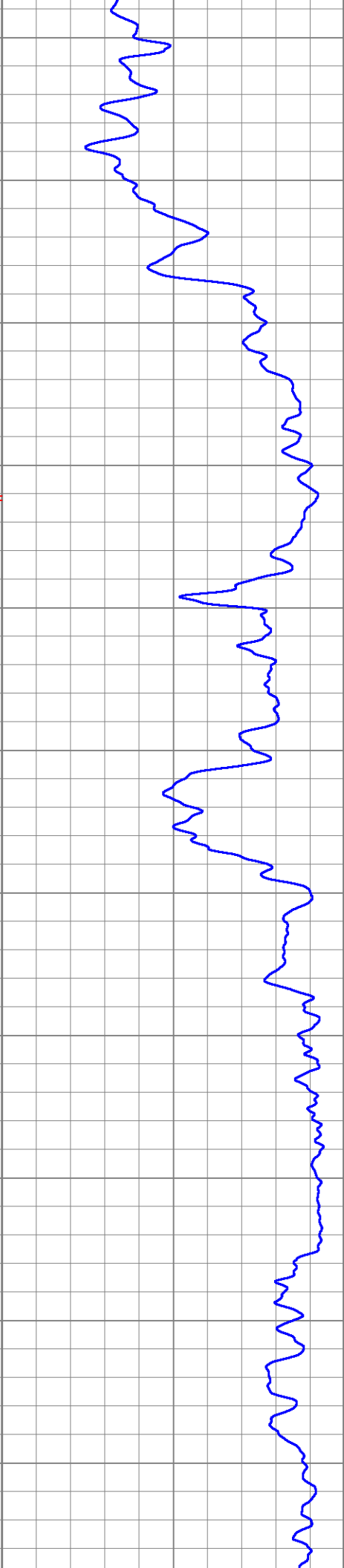
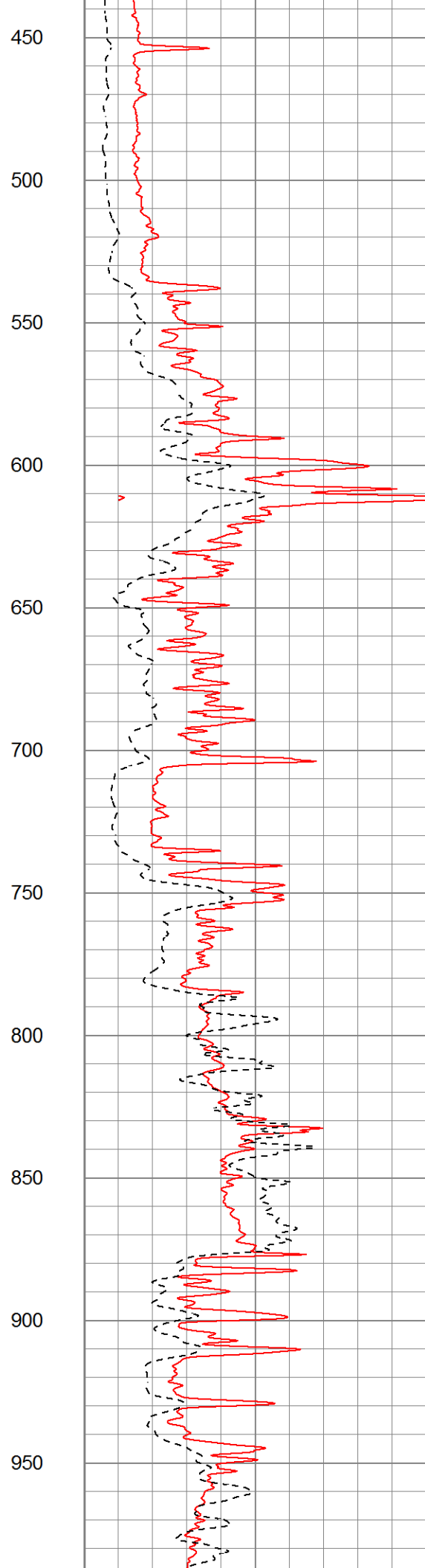
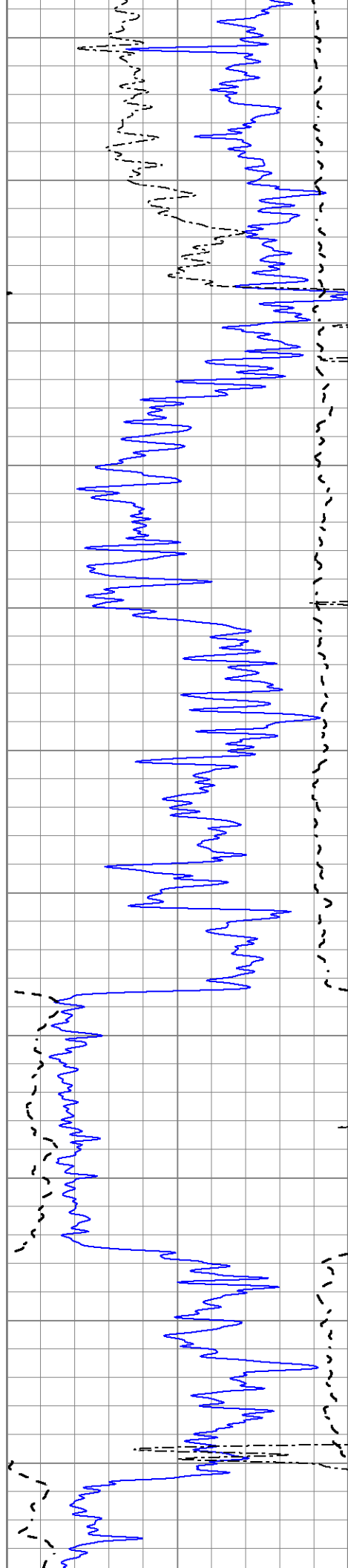
PENDENNIS, KS. & HWY 4, E. SIDE OF TOWN TO "RED CHIEF RD.", 2.6 N. AROUND CURVES TO
"RD 285", E. AROUND CURVES TO "TOMAHAWK RD.", 1/2 N., E. INTO

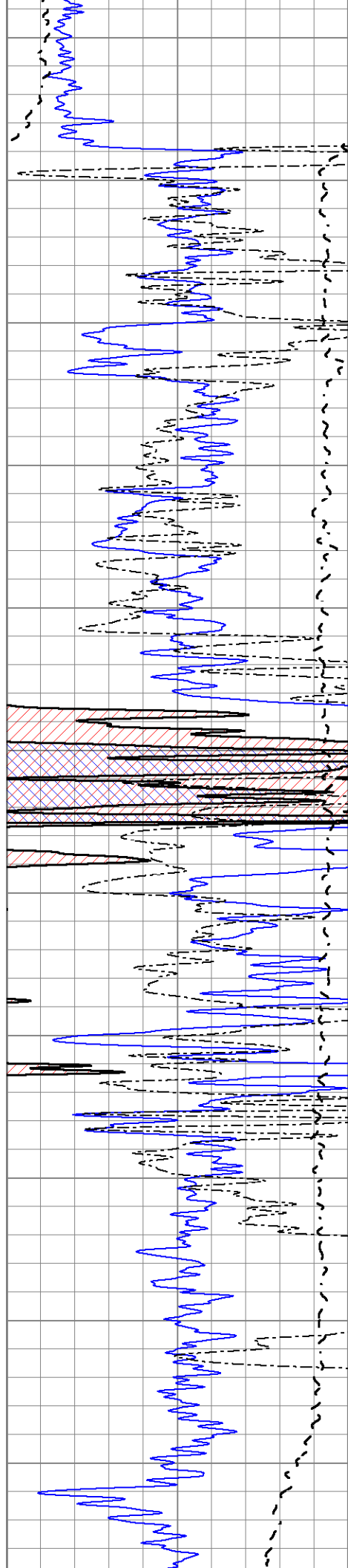


MAIN SECTION

0	Gamma Ray (GAPI)	150	1000	CILD (mmho/m)	0
-100	SP (mV)	100	0	RLL3 (Ohm-m)	50
0	RWA (Ohm-m)	1	0	RILD (Ohm-m)	50
			50	RILD X10 (Ohm-m)	500
			50	RLL3 X10 (Ohm-m)	500







1000

1050

1100

1150

1200

1250

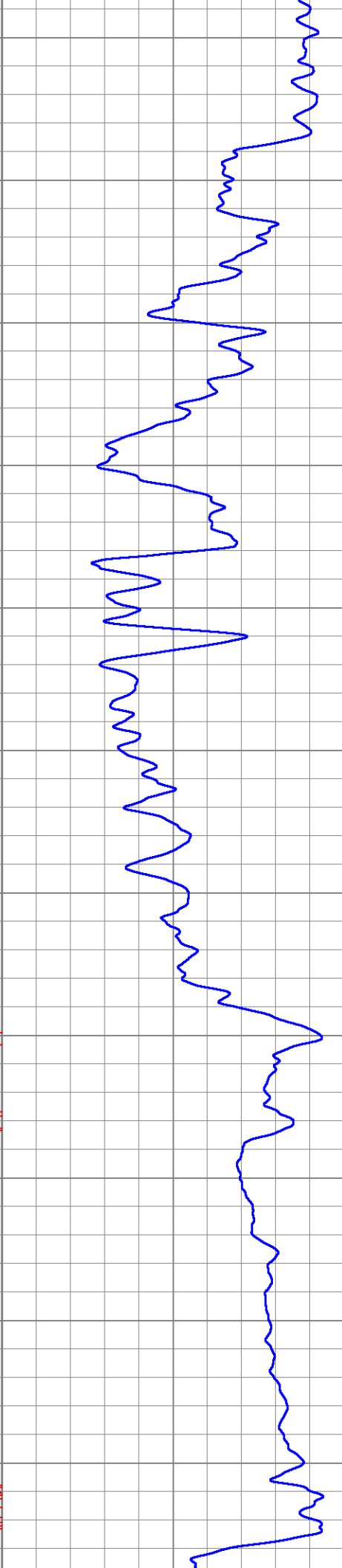
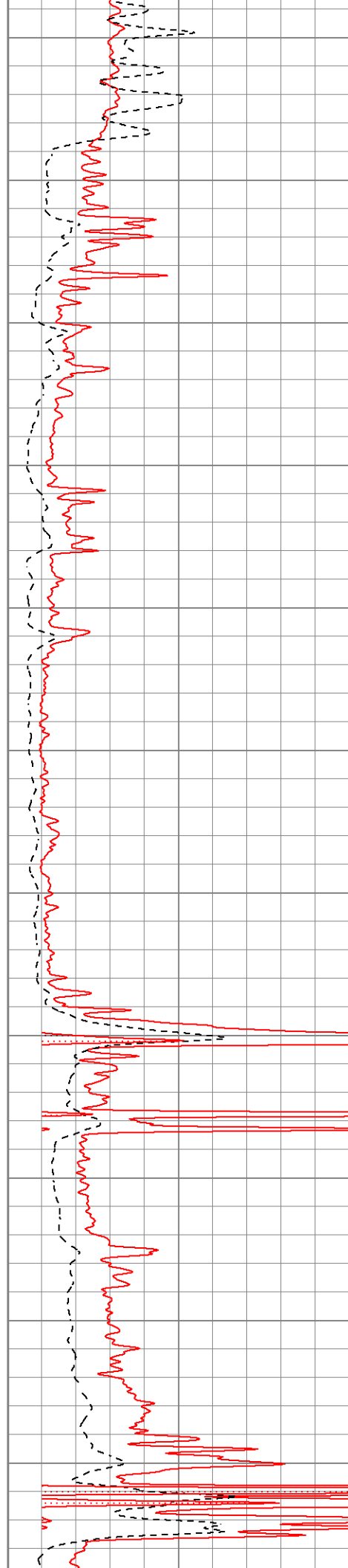
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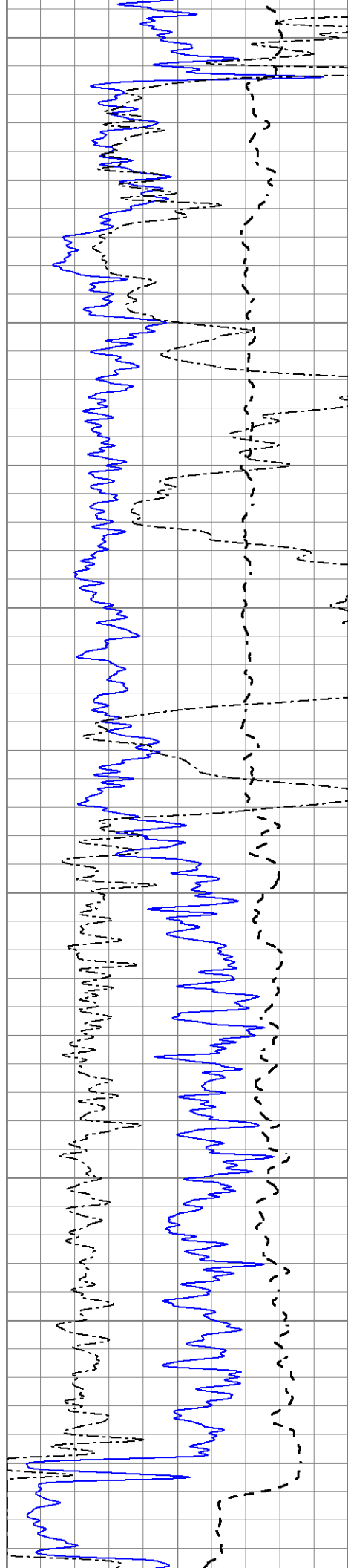
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1400

1450

1500





1550

1600

1650

1700

1750

1800

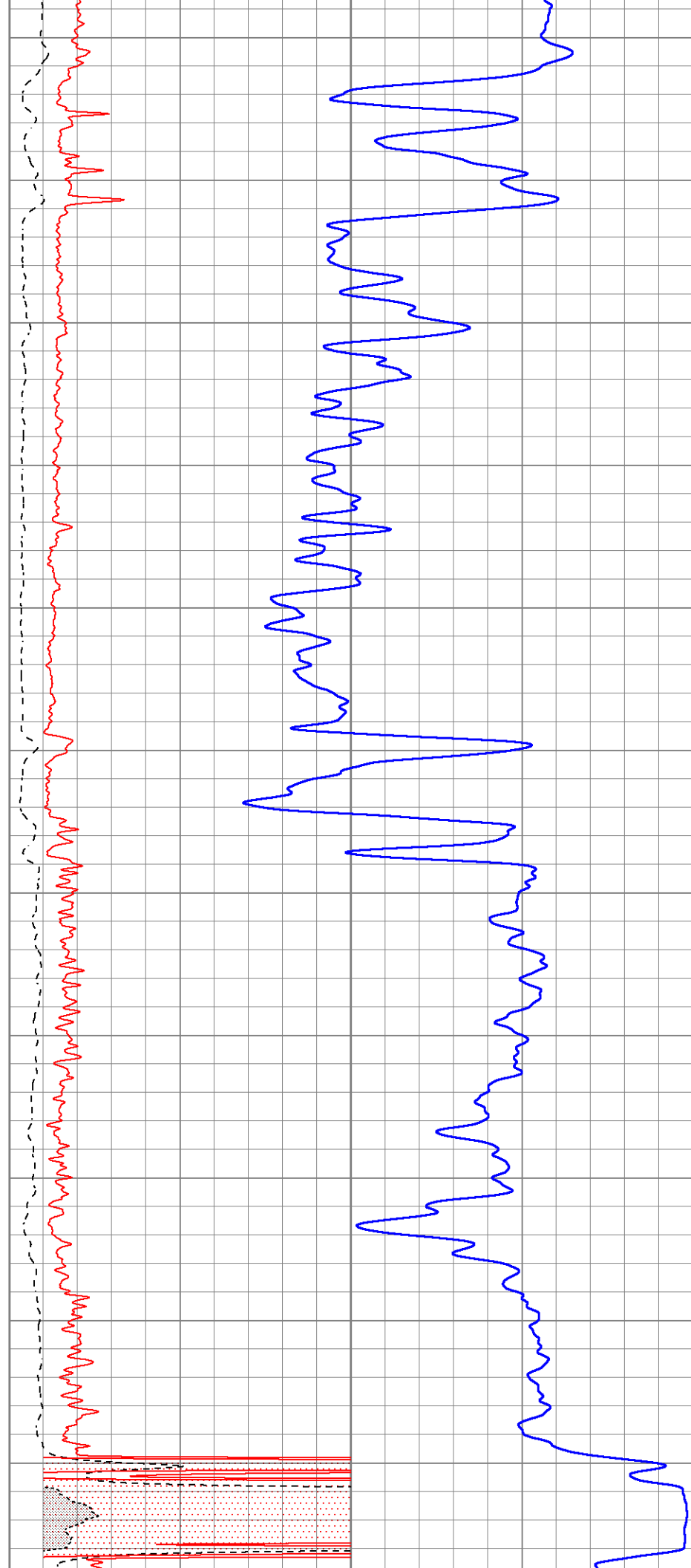
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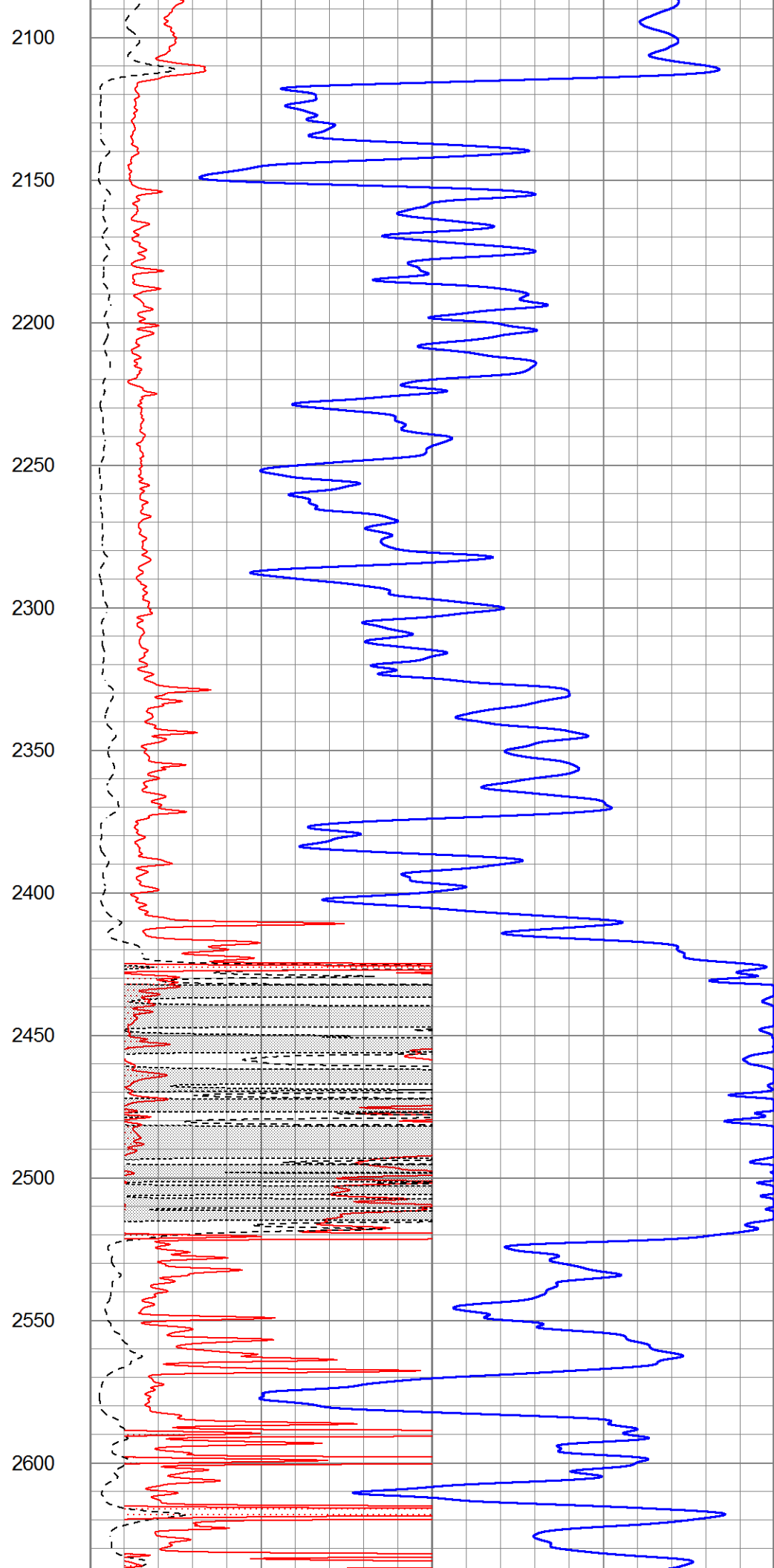
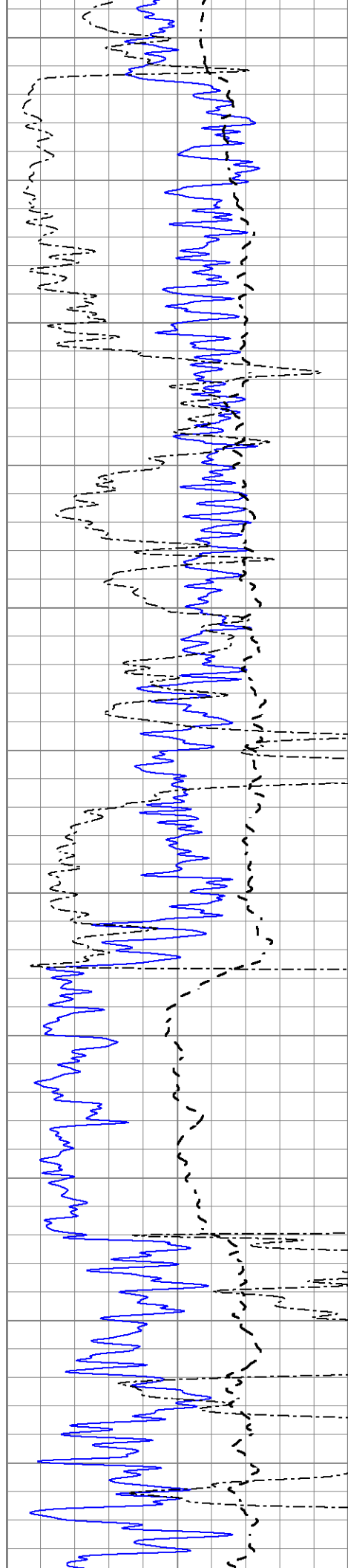
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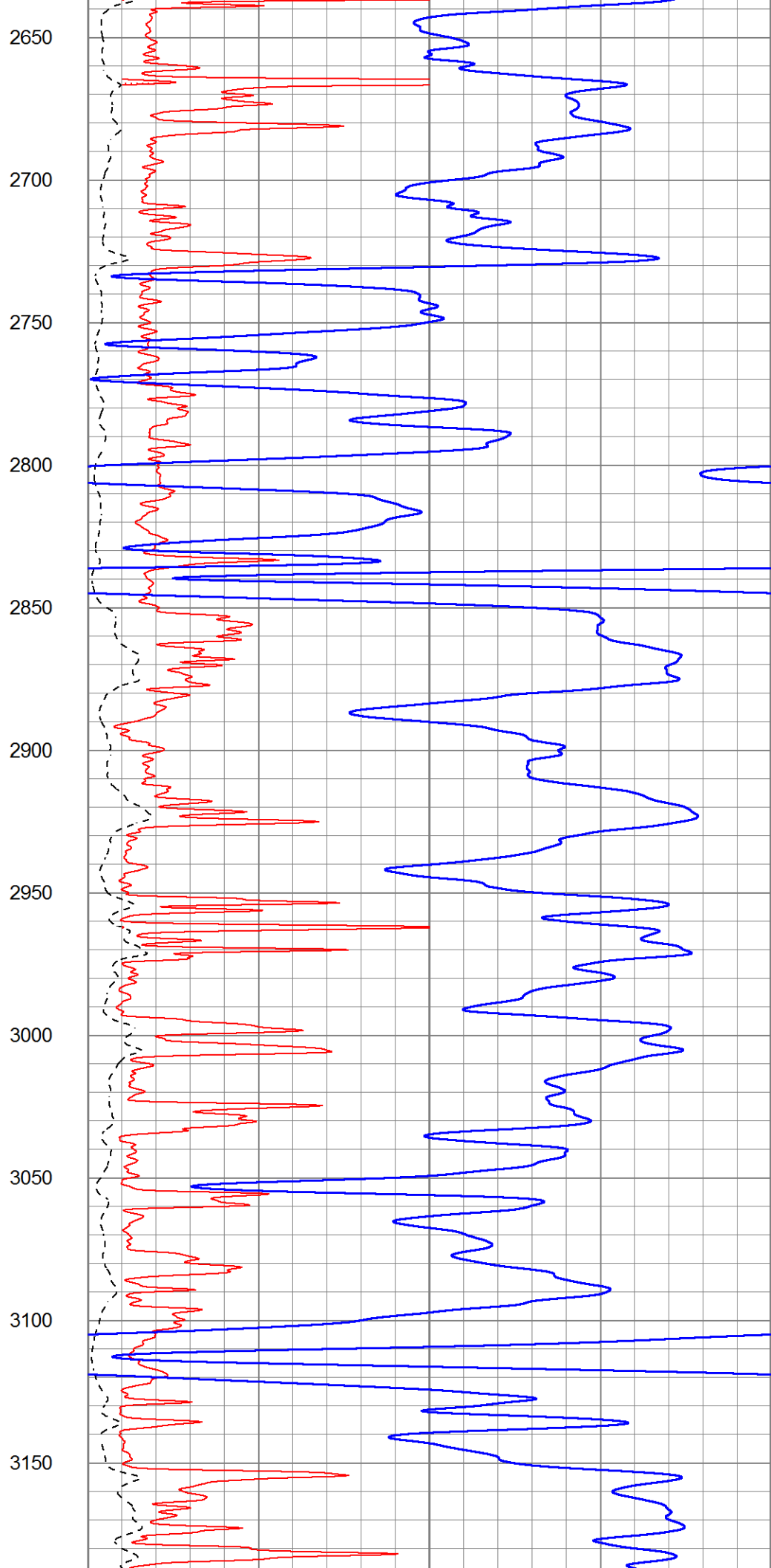
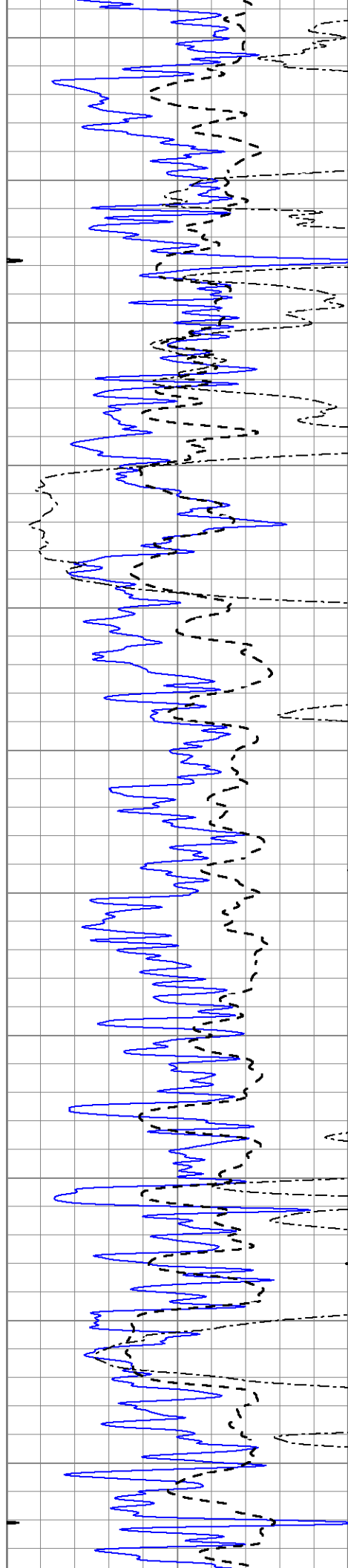
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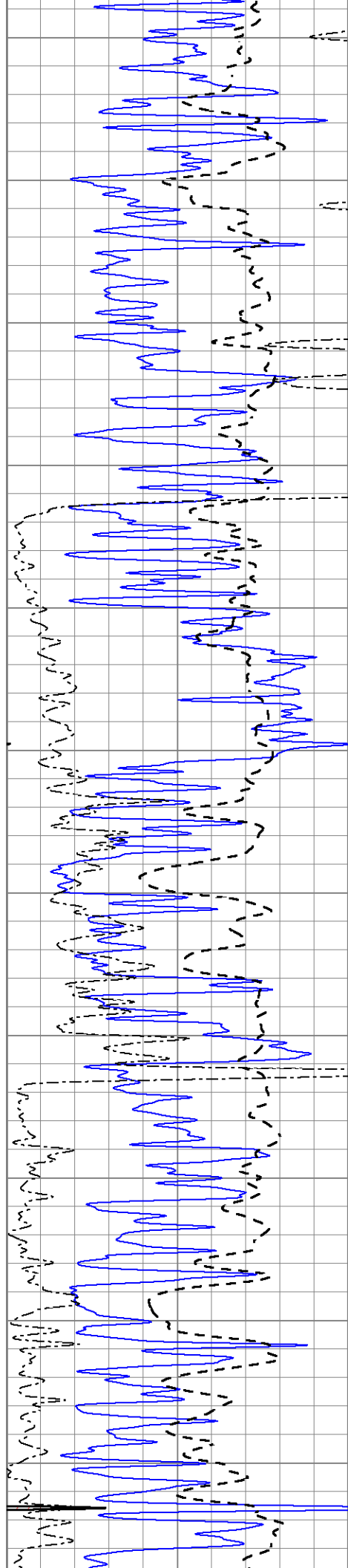
2000

2050









3200

3250

3300

3350

3400

3450

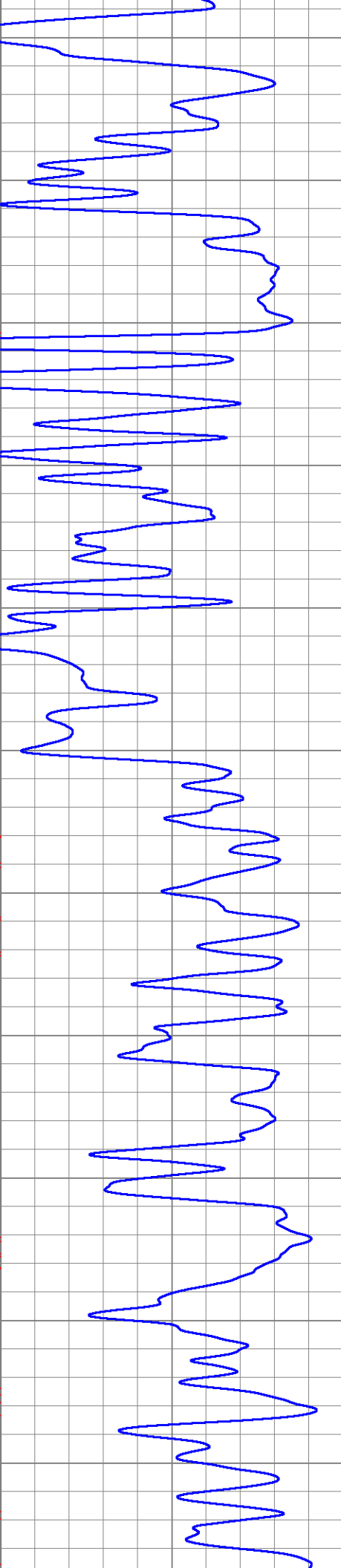
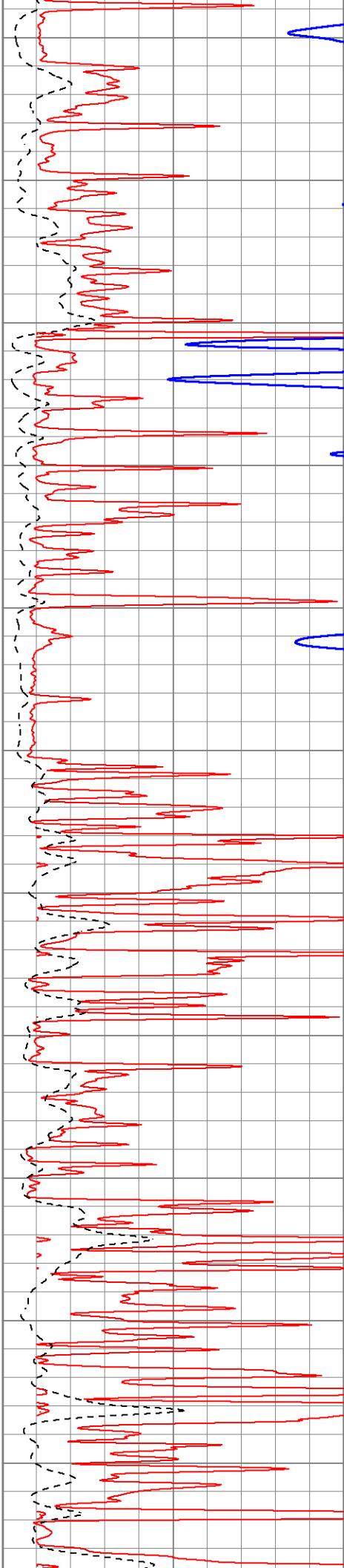
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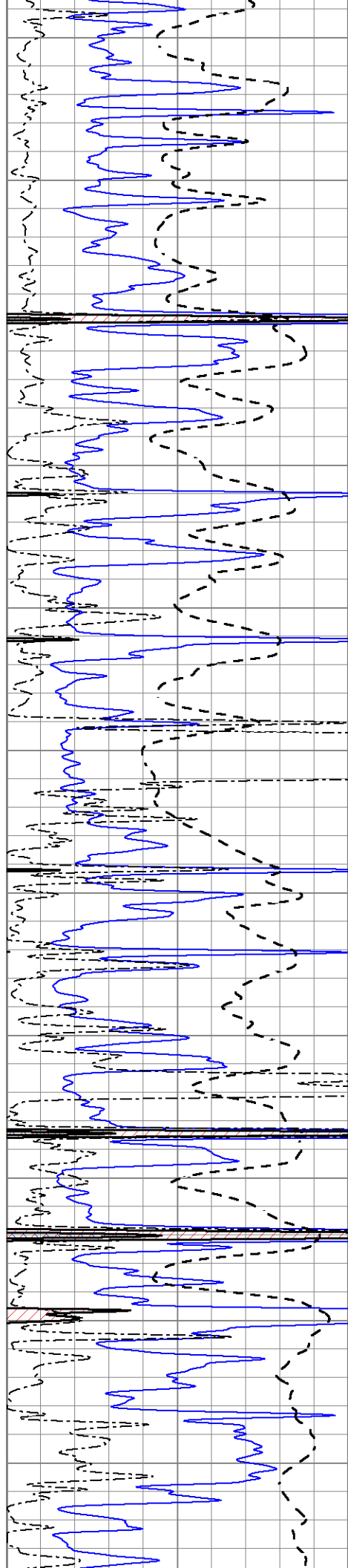
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3600

3650

3700





3750

3800

3850

3900

3950

4000

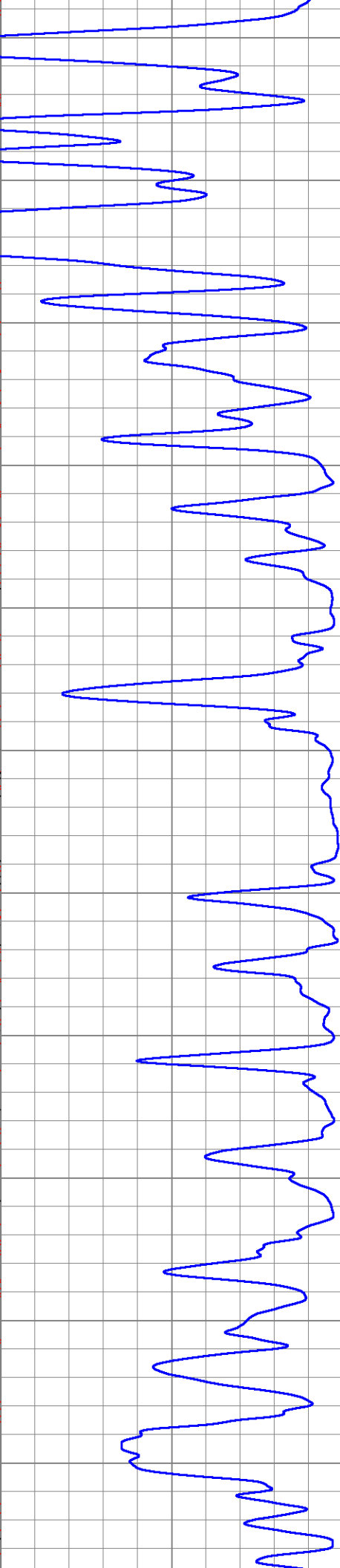
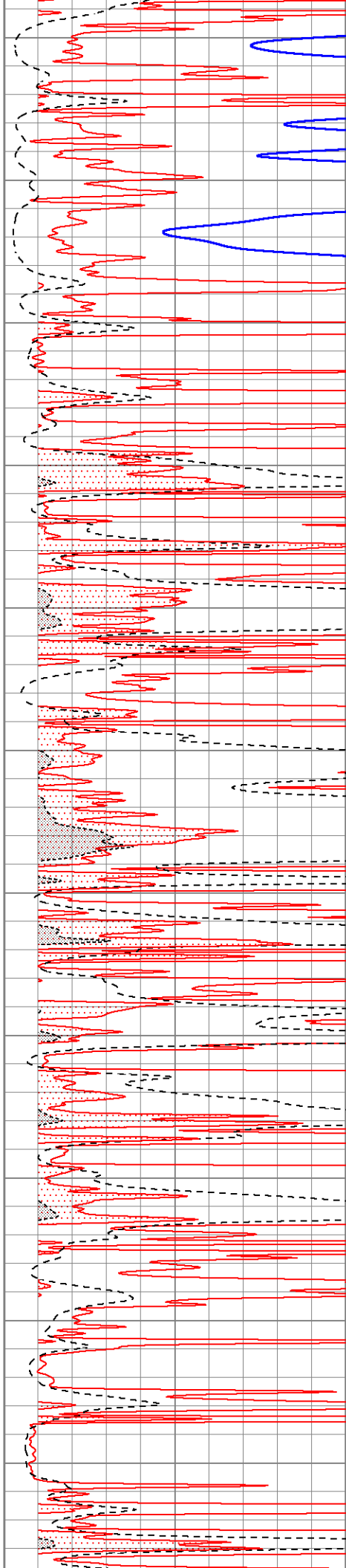
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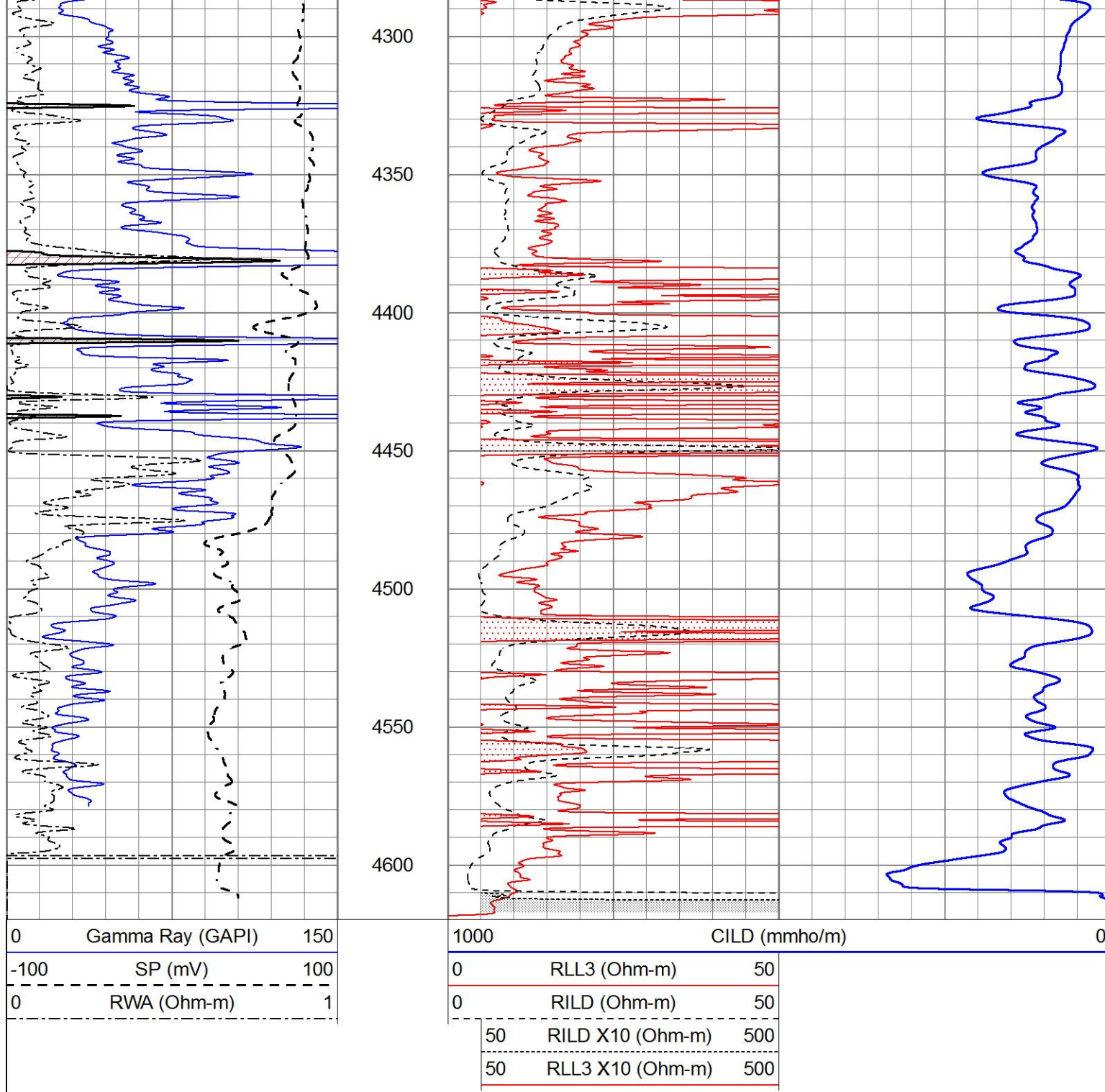
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4150

4200

4250

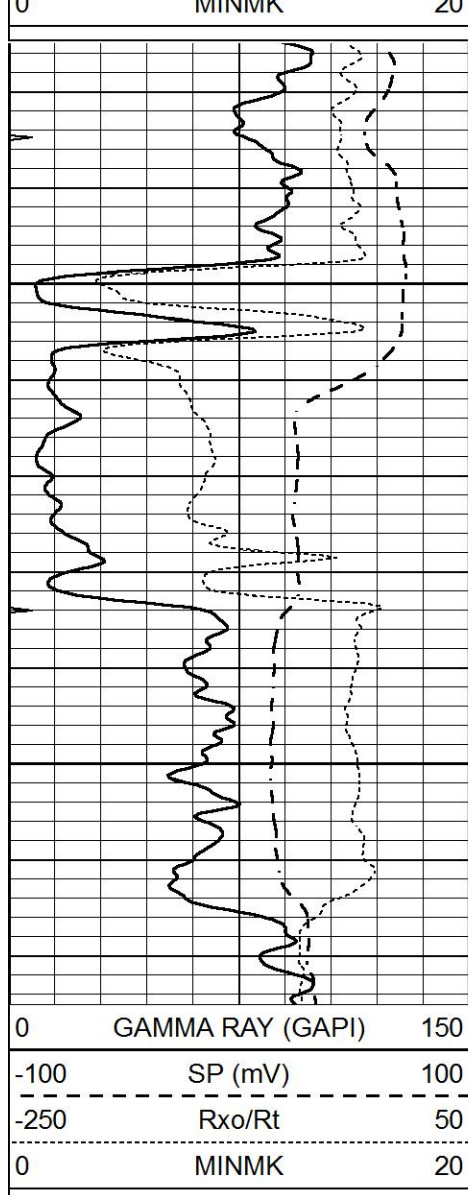




ANHYDRITE

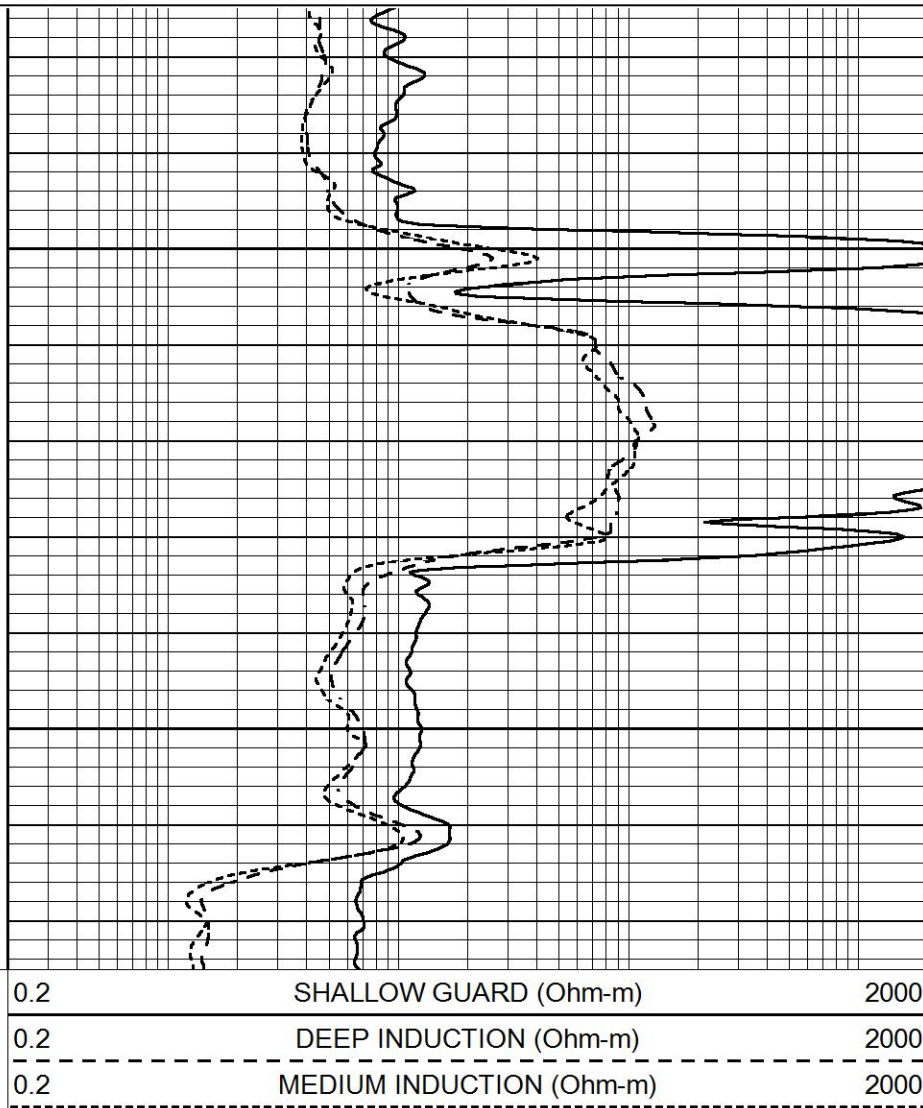
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 Dataset Pathname pass4.1A
 Presentation Format _dil
 Dataset Creation Thu Jan 20 04:51:11 2022
 Charted by Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	0.2	SHALLOW GUARD (Ohm-m)	2000
-100	SP (mV)	100	0.2	DEEP INDUCTION (Ohm-m)	2000
-250	Rxo/Rt	50	0.2	MEDIUM INDUCTION (Ohm-m)	2000
0	MINI-MK	20			



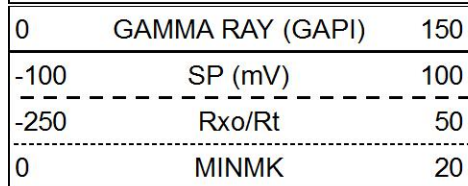
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2100

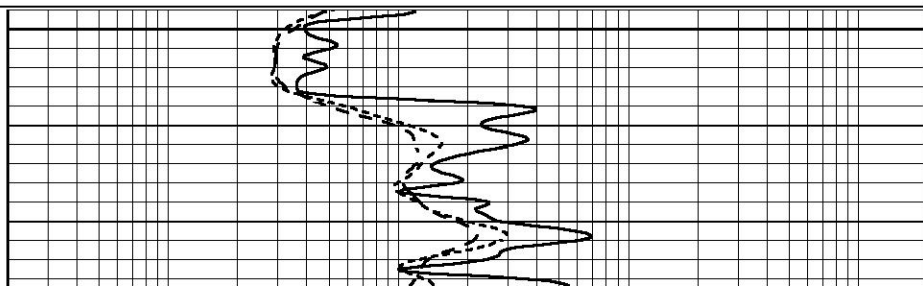
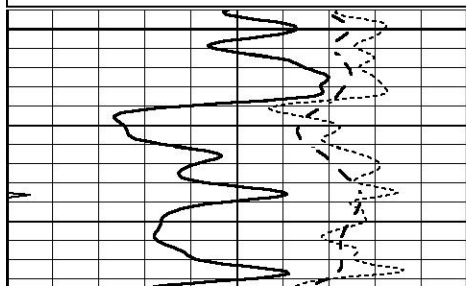
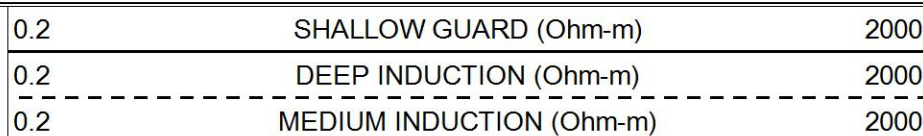


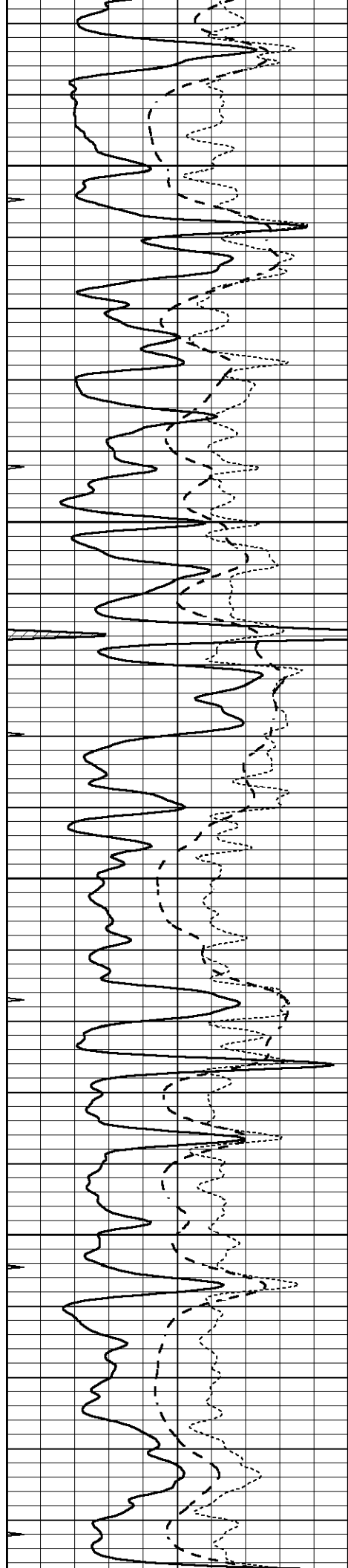
MAIN SECTION

Database File 5940ddn.db
 Dataset Pathname pass4.1M
 Presentation Format _dil
 Dataset Creation Thu Jan 20 04:50:06 2022
 Charted by Depth in Feet scaled 1:240



3600



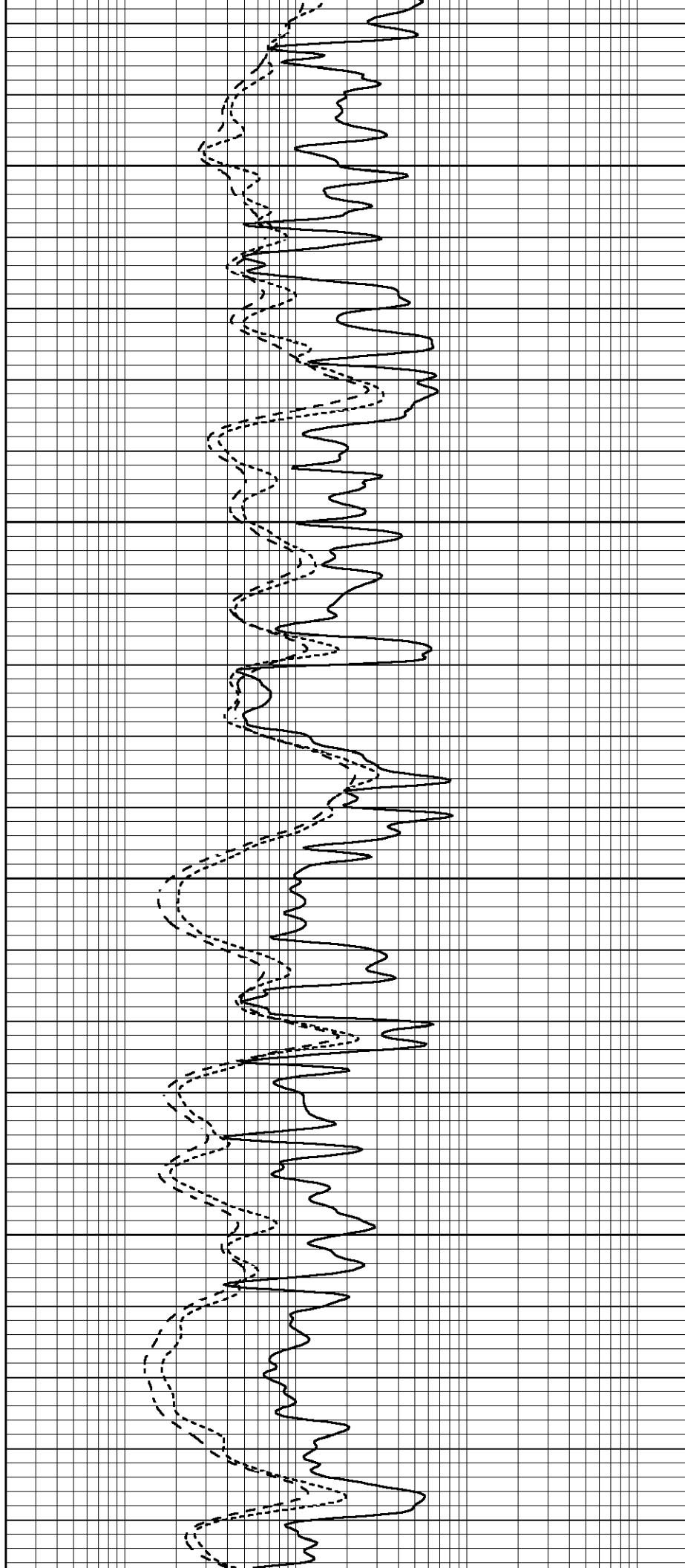


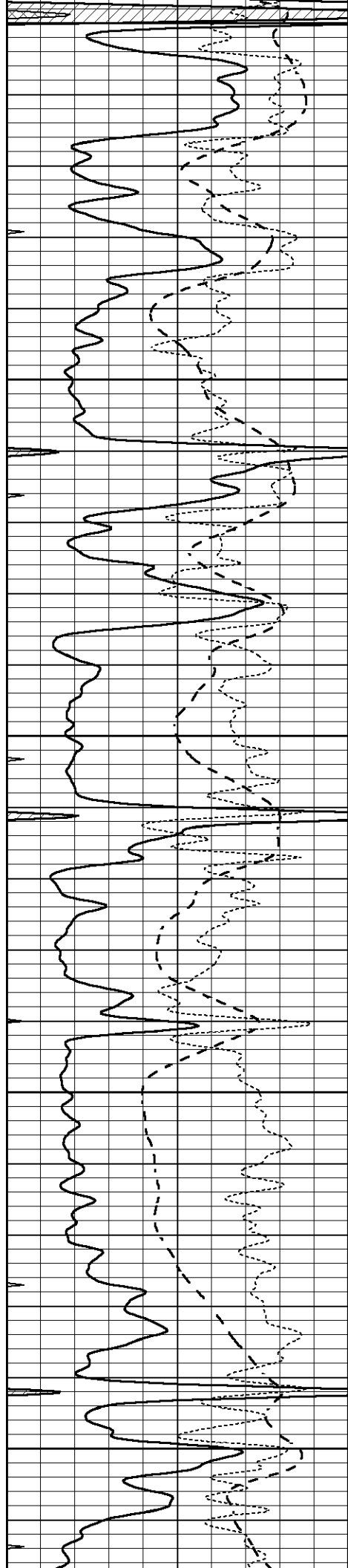
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3700

3750

3800





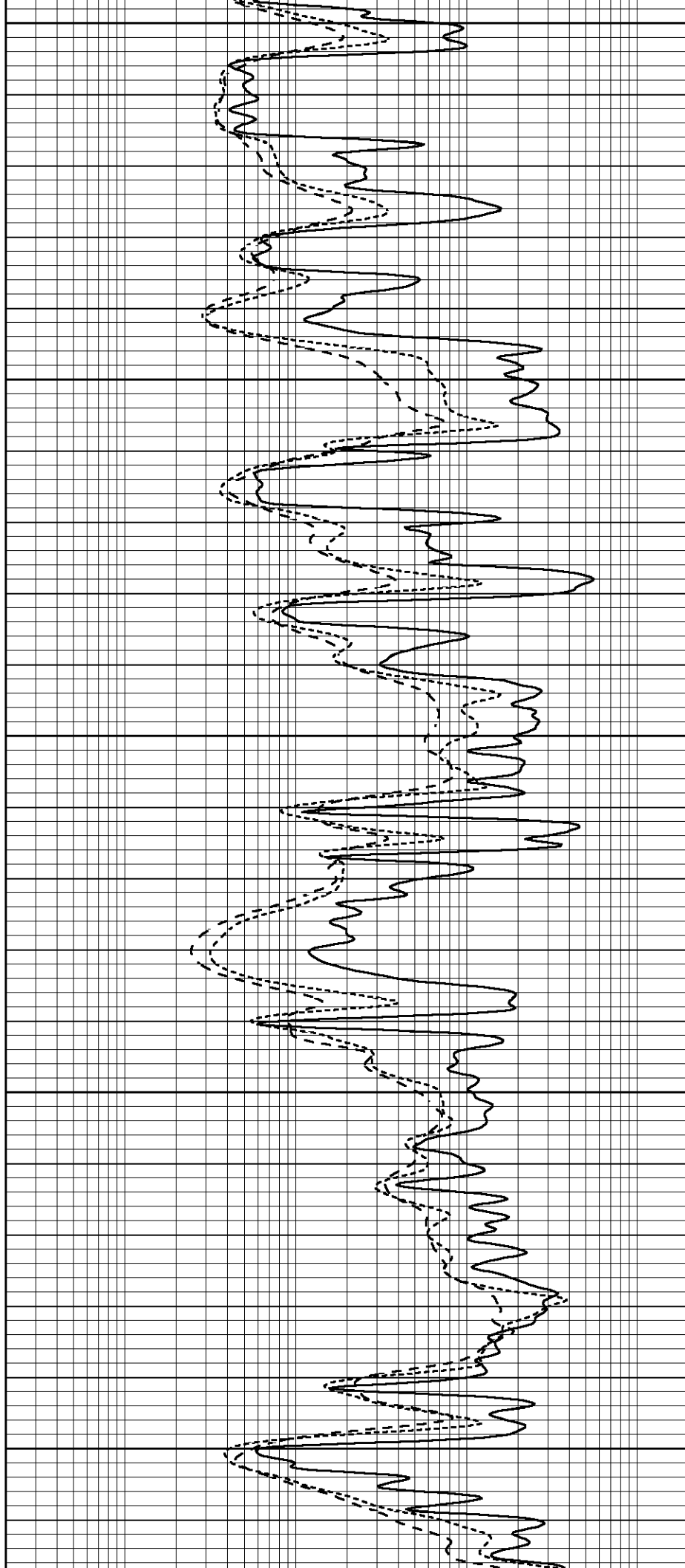
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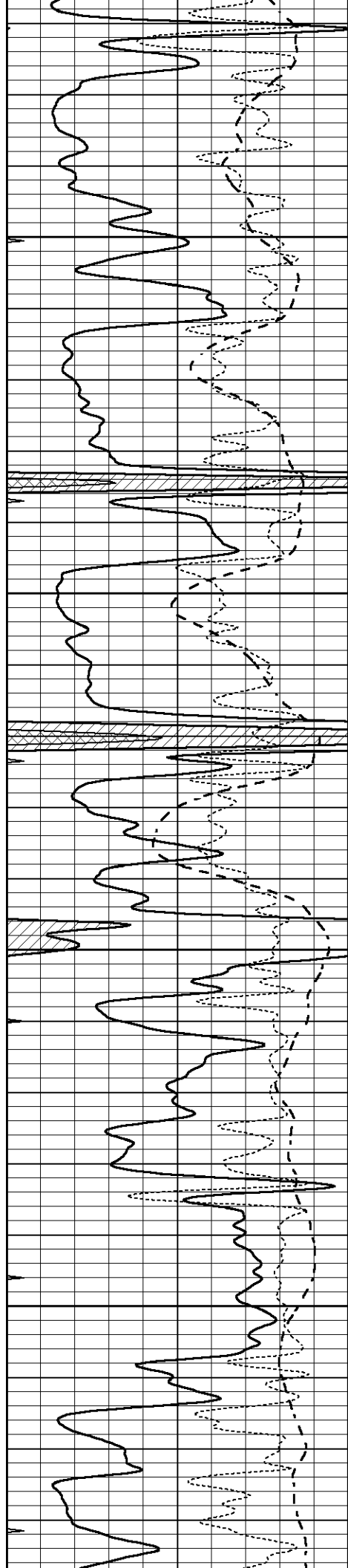
3900

3950

4000

4050



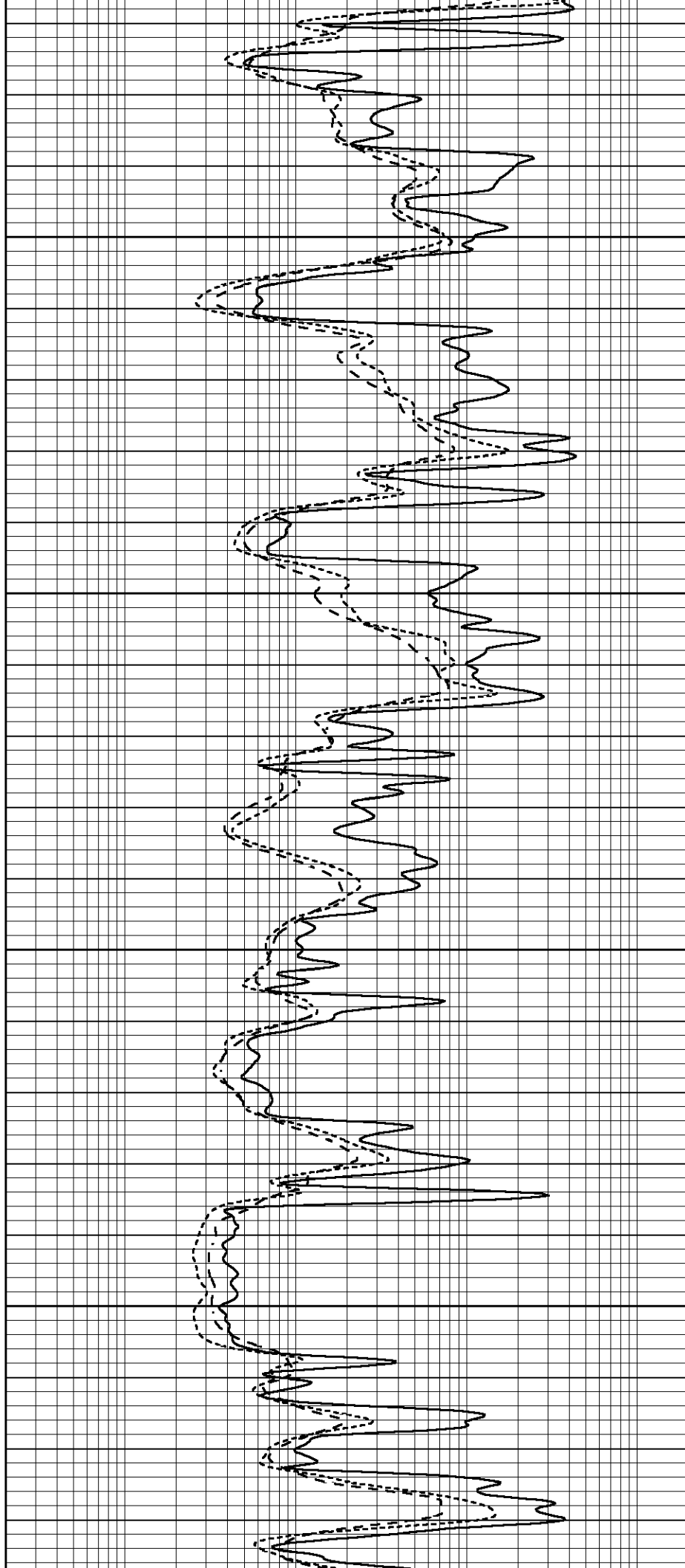


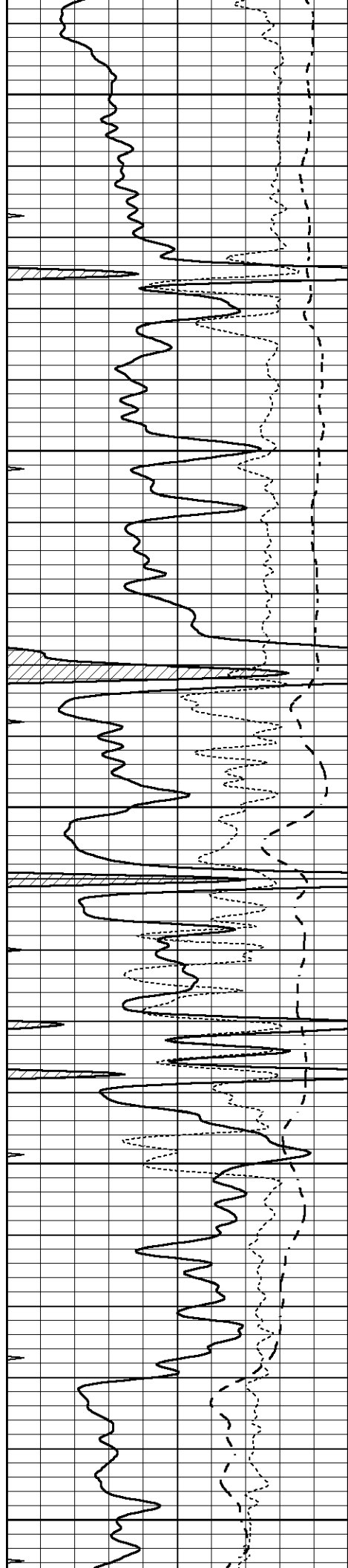
4100

4150

4200

4250





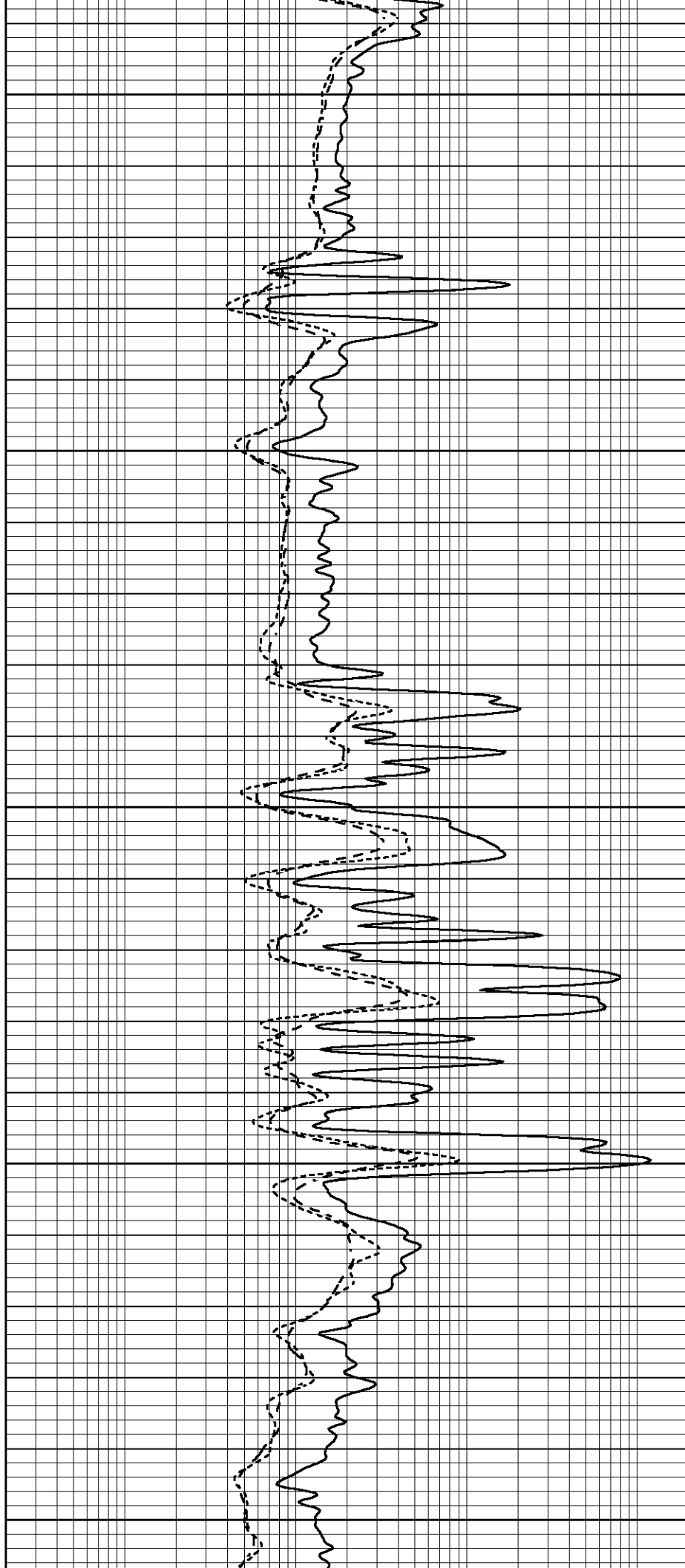
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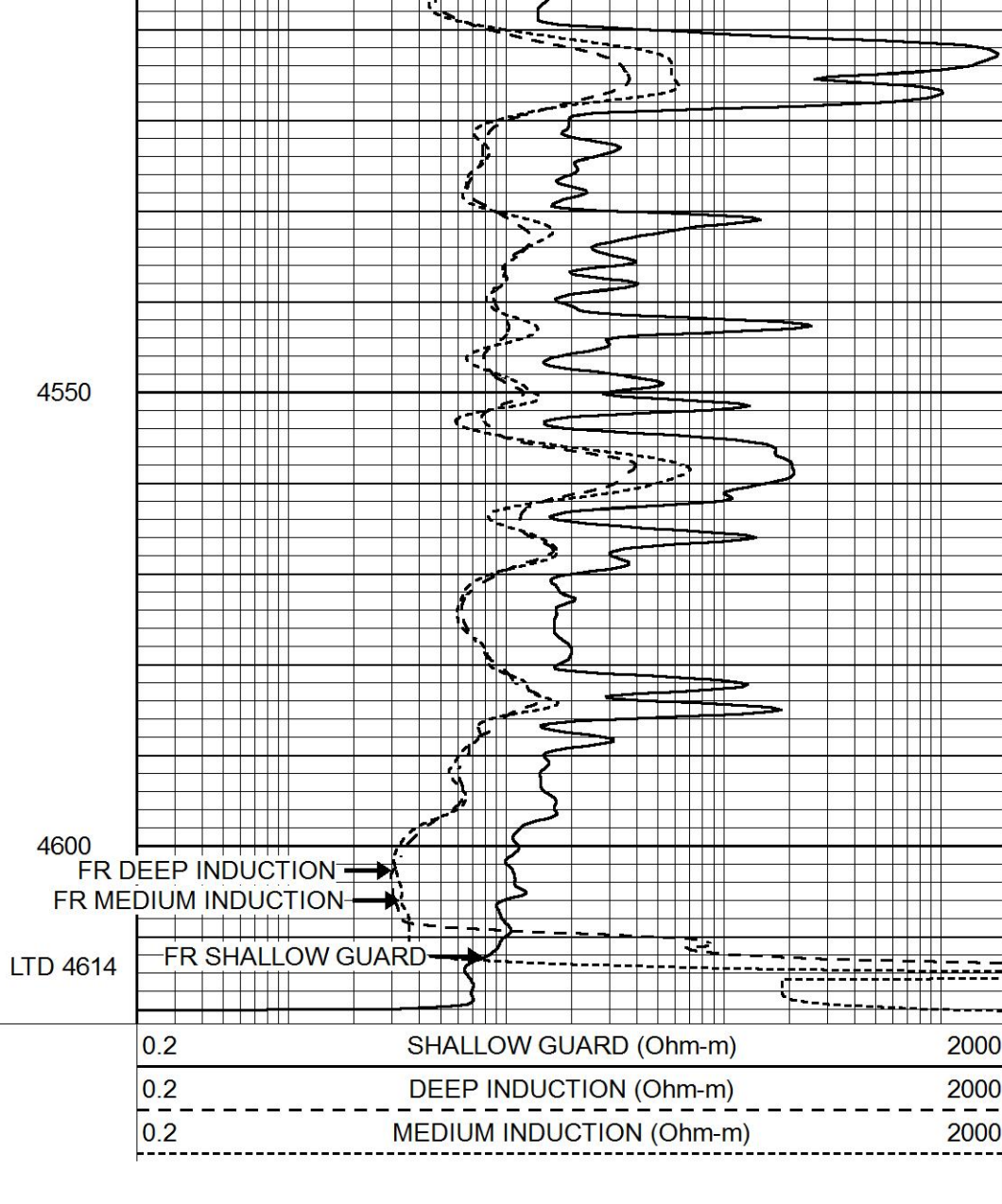
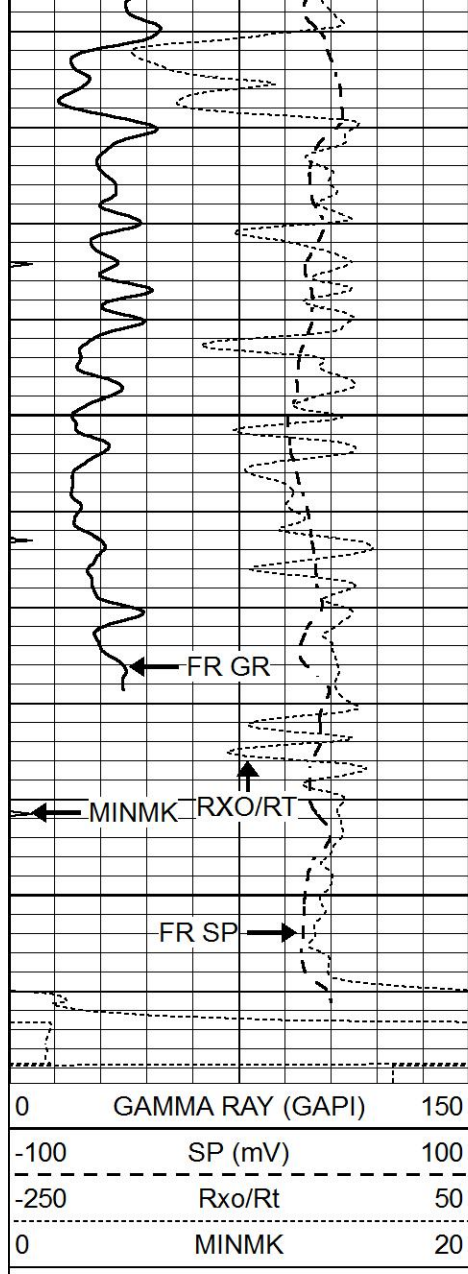
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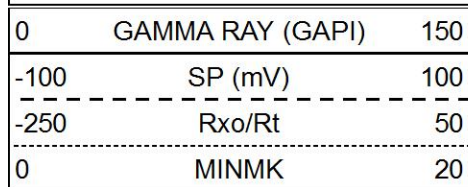
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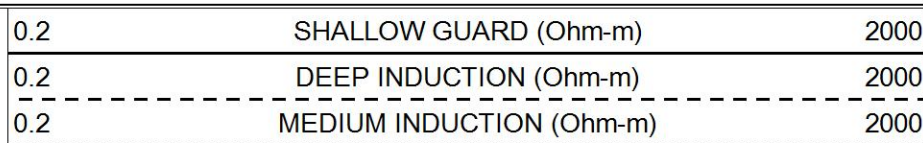


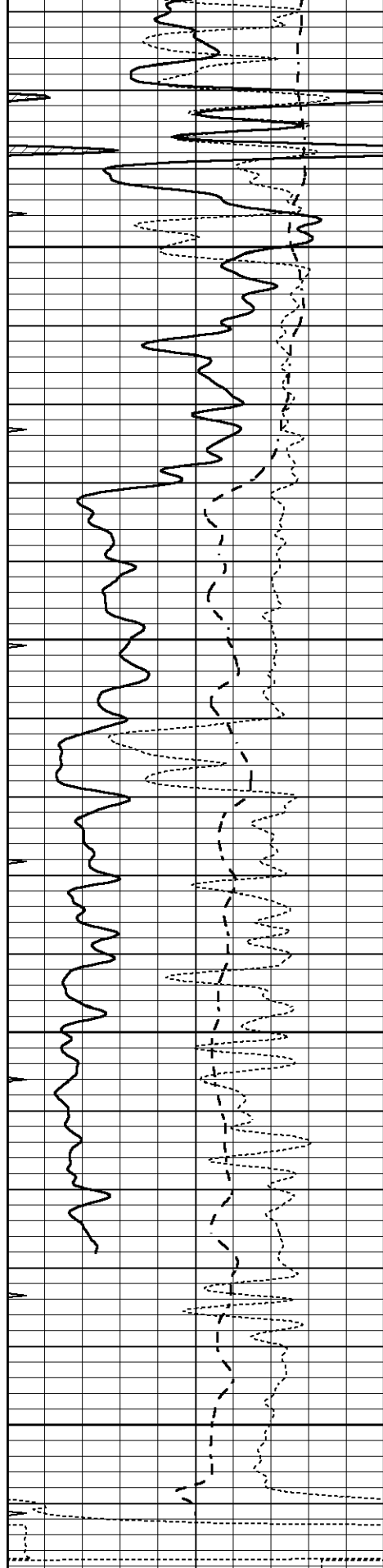
REPEAT SECTION

Database File 5940ddn.db
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 Presentation Format _dil
 Dataset Creation Thu Jan 20 04:28:43 2022
 Charted by Depth in Feet scaled 1:240



4400





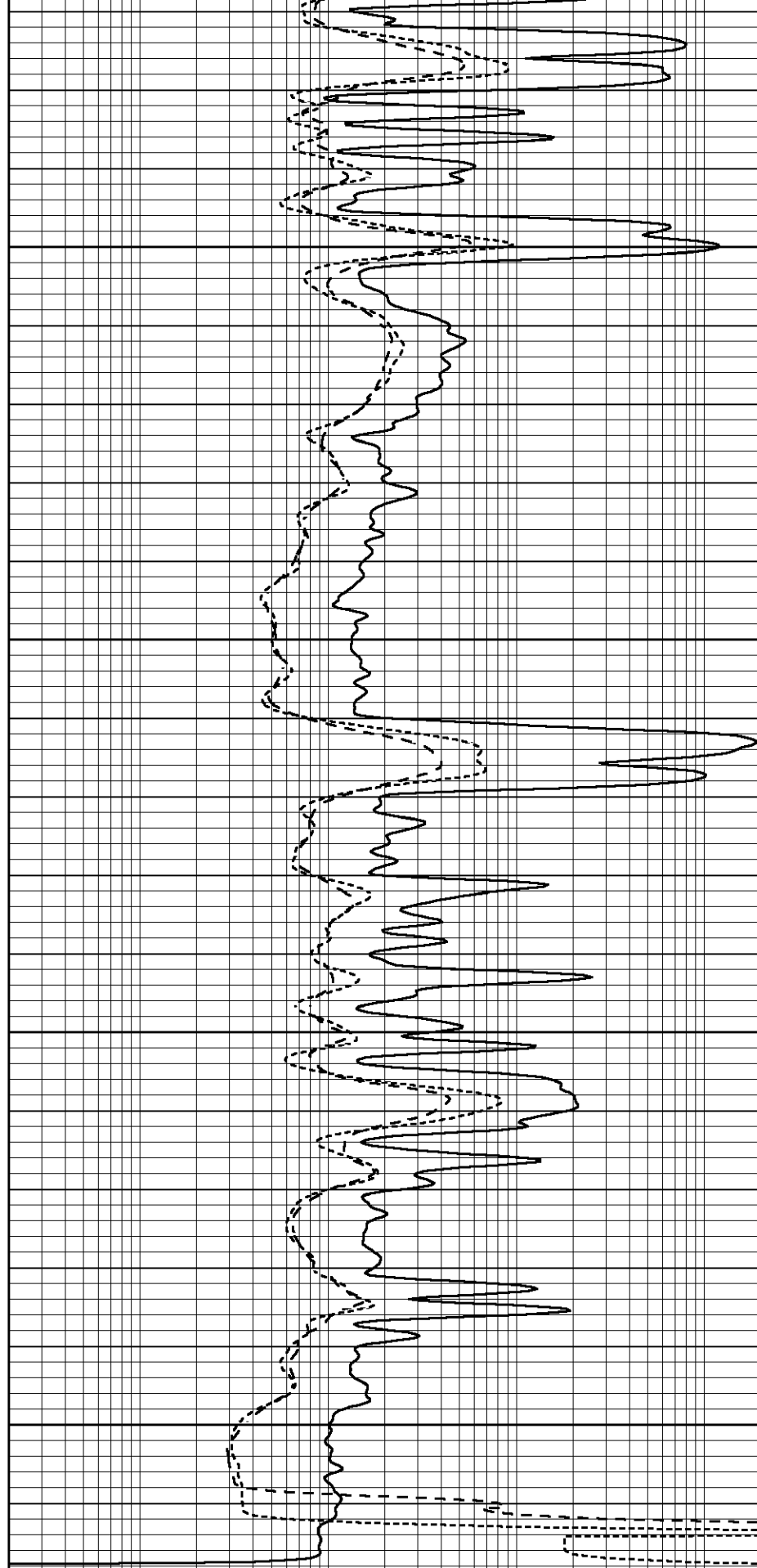
0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	20

4450

4500

4550

4600



0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000

Calibration Report									
Database File	5940ddn.db								
Dataset Pathname	pass4.1M								
Dataset Creation	Thu Jan 20 04:50:06 2022								
Dual Induction Calibration Report									
Serial-Model:					DIL4-GEAR				
Surface Cal Performed:					Thu Jan 20 03:57:00 2022				
Downhole Cal Performed:					Tue Sep 25 17:01:29 2001				
After Survey Verification Performed:					Sat Jun 11 16:07:12 2005				
Surface Calibration									
		Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b	
Deep	0.008	0.666	V	0.000	400.000	mmho/m	580.000	-4.000	
Medium	-0.003	0.769	V	0.000	462.500	mmho/m	580.000	-6.000	
Internal:	Zero	Cal		Zero	Cal		m	b	
Deep	0.013	0.651	V	0.000	400.000	mmho/m	627.541	-8.365	
Medium	0.020	0.754	V	0.000	462.500	mmho/m	630.311	-12.549	
Downhole Calibration									
		Readings			References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b	
Deep	0.000	1.000	mmho/m	0.000	1.000	mmho/m	1.000	0.000	
Medium	0.000	1.000	mmho/m	0.000	1.000	mmho/m	1.000	0.000	
Shallow	2.525	0.026	V	500.000	2.000	Ohm-m	250.000	-4.000	
After Survey Verification									
		Readings			Targets			Results	
Internal:	Zero	Cal		Zero	Cal		m'	b'	
Deep	0.000	1.000	mmho/m	0.000	1.000	mmho/m	1.000	0.000	
Medium	0.000	1.000	mmho/m	0.000	1.000	mmho/m	1.000	0.000	
Shallow	0.000	0.000	Ohm-m	500.000	2.000	Ohm-m	1.000	0.000	
Litho Density Calibration Report									
Serial: 004					Model: PRB				
Master Calibration					Performed Tue May 18 11:02:48 2021				
	Background	Magnesium		Aluminum	Aluminum+Fe				
Window 1	1187.1	10004.0		3142.5	2810.8			cps	
Window 2	1084.9	8556.6		2749.3	2502.4			cps	
Window 3	923.1	5129.8		1819.8	1719.3			cps	
Window 4	263.5	263.6		259.7	262.8			cps	
Long Space	0.0	7471.7		1664.4	1417.5			cps	
Short Space	1.5	984.9		645.6	561.2			cps	
Rho		1.7100		2.5900	0.0000			g/cc	
Pe		2.0000		2.7500	5.7900				
Rib Angle	: 44.3	Rib Slope	: 0.976	Density/Spine Ratio				: 0.564	
Spine Angle	: 74.3	Spine Slope	: 3.555	Spine Intercept				: -15.6	

Before Survey Verification

Performed Wed Dec 31 18:00:00 1969

Window 1	0.0	0.0	0.0	0.0	cps
Window 2	0.0	0.0	0.0	0.0	cps
Window 3	0.0	0.0	0.0	0.0	cps
Window 4	0.0	0.0	0.0	0.0	cps
Long Space	0.0	0.0	0.0	0.0	cps
Short Space	0.0	0.0	0.0	0.0	cps
Measured Rho		0.0000	0.0000	0.0000	g/cc
Measured Correction		0.0000	0.0000	0.0000	g/cc
Measured Pe			0.0000	0.0000	

After Survey Verification

Performed Wed Dec 31 18:00:00 1969

Window 1	0.0	0.0	0.0	0.0	cps
Window 2	0.0	0.0	0.0	0.0	cps
Window 3	0.0	0.0	0.0	0.0	cps
Window 4	0.0	0.0	0.0	0.0	cps
Long Space	0.0	0.0	0.0	0.0	cps
Short Space	0.0	0.0	0.0	0.0	cps
Measured Rho		0.0000	0.0000	0.0000	g/cc
Measured Correction		0.0000	0.0000	0.0000	g/cc
Measured Pe			0.0000	0.0000	

Compensated Neutron Calibration Report

Serial Number:	070808PMC
Tool Model:	NABORS

PRE-SURVEY VERIFICATION

Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu

POST-SURVEY VERIFICATION

Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu

Gamma Ray Calibration Report

Serial Number:	070558	
Tool Model:	OPEN_GR	
Performed:	Wed Jan 19 12:23:03 2022	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.2800	GAPI/cps