



DUAL INDUCTION LOG

Company	ANCHOR BAY PETROLEUM, LLC.	Company	ANCHOR BAY PETROLEUM, LLC.
Well	SIMPSON "A" #1	Well	SIMPSON "A" #1
Field	BRUNGARDT SOUTHWEST	Field	BRUNGARDT SOUTHWEST
County	ELLIS	County	ELLIS
State	KANSAS	State	KANSAS
Location:	API # : 15-051-27081-0000	Other Services CDL/CNL MEL	
Permanent Datum	GROUND LEVEL	Elevation	1846
Log Measured From	KELLY BUSHING 8' A.G.L.		
Drilling Measured From	KELLY BUSHING		
	SEC 10 TWP 11S RGE 17W		
Date	5/5/23		
Run Number	ONE		
Depth Driller	3550		
Depth Logger	3550		
Bottom Logged Interval	3548		
Top Log Interval	00		
Casing Driller	8 5/8" @ 223'		
Casing Logger	221		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES	7.200 PPM
Density / Viscosity	9.1/50		
pH / Fluid Loss	10.0/5.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.500 @ 84F		
Rmf @ Meas. Temp	.375 @ 84F		
Rmc @ Meas. Temp	.600 @ 84F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.375 @ 112F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	2.45 A.M.		
Maximum Recorded Temperature	112F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	ED GLASSMAN		

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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.

15-051-27081-0000

Comments

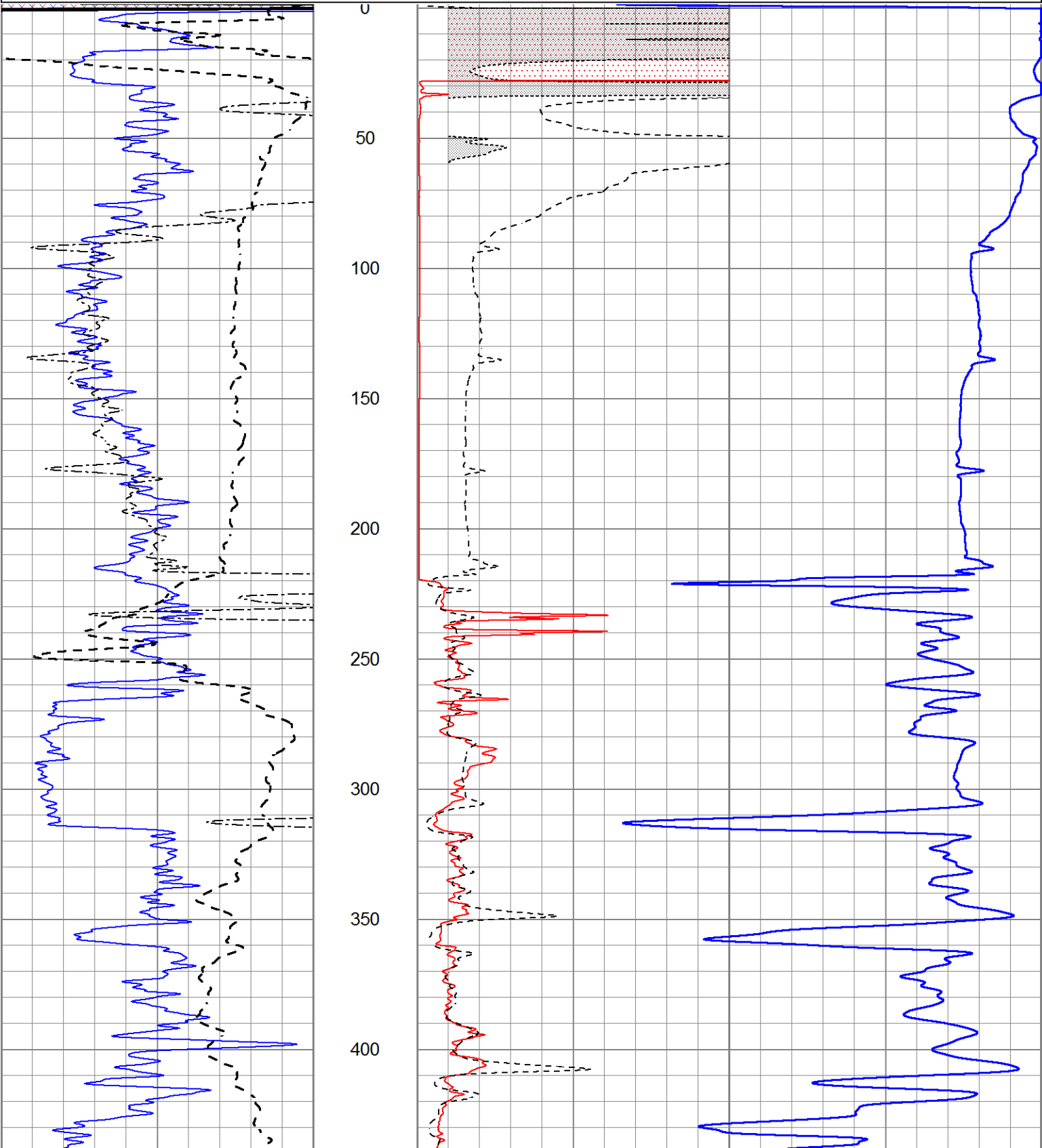
THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395
DIRECTIONS
CODELL & SALINE RIVER RD., 1N. TO "MENDOTA RD.", JOG W., S. INTO

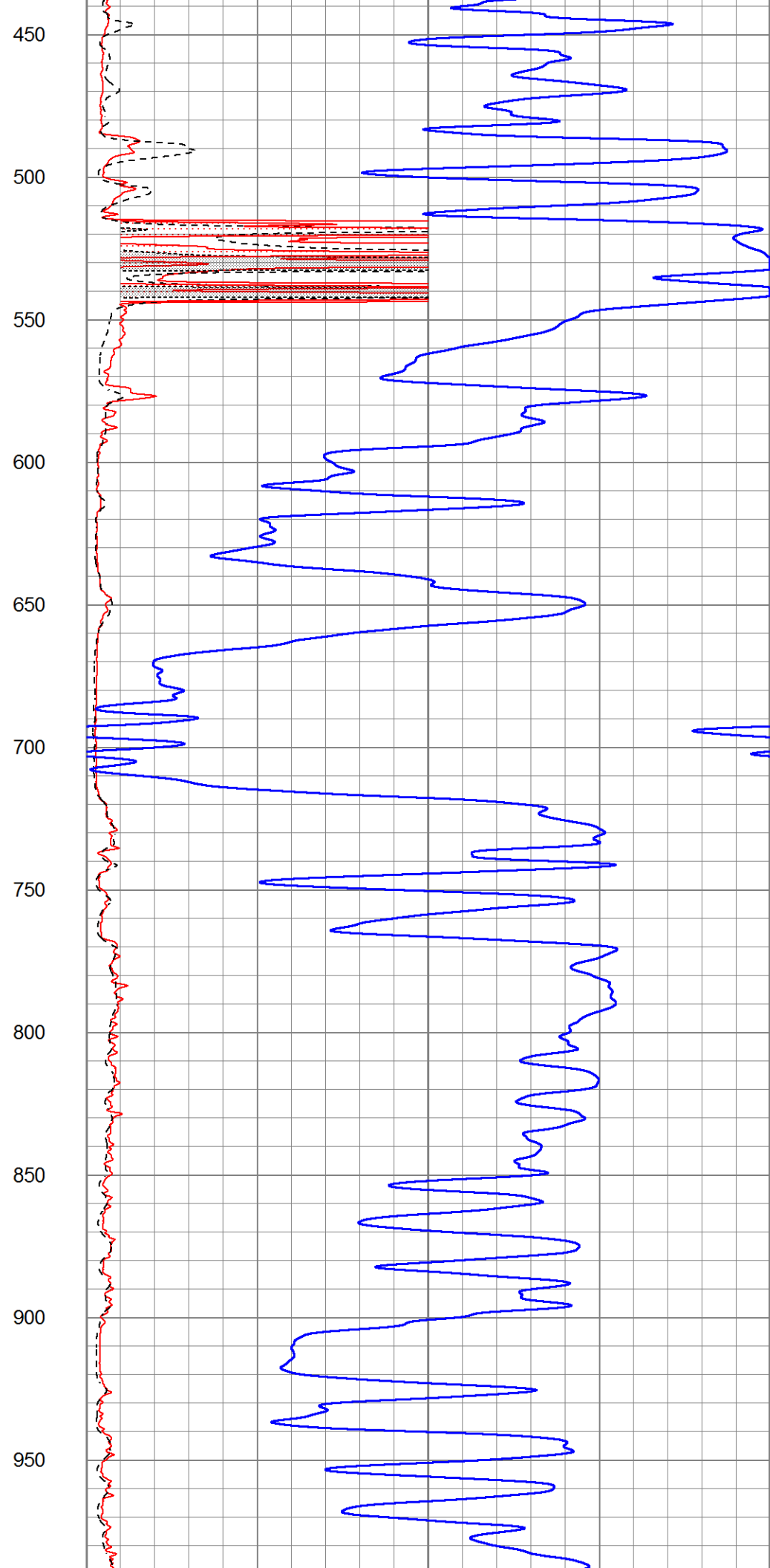
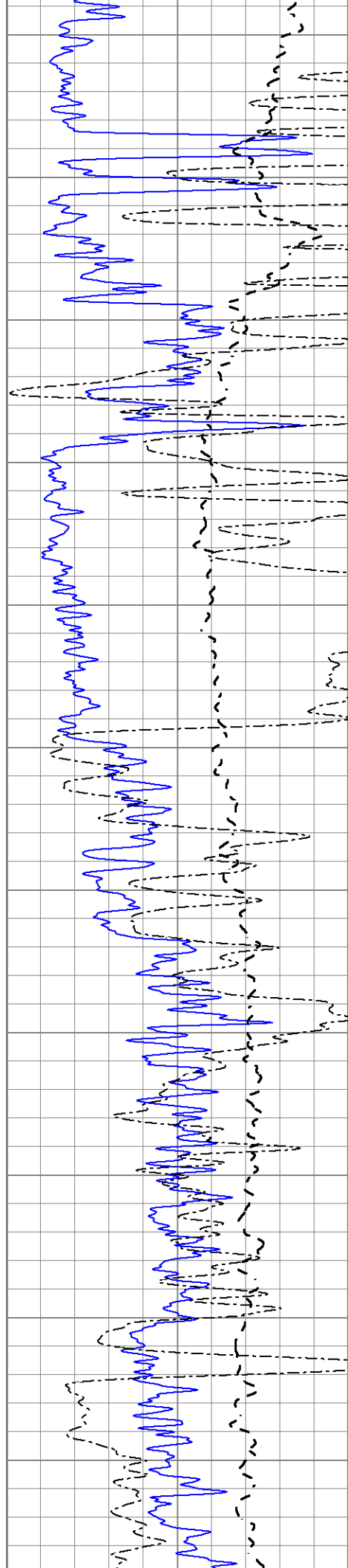


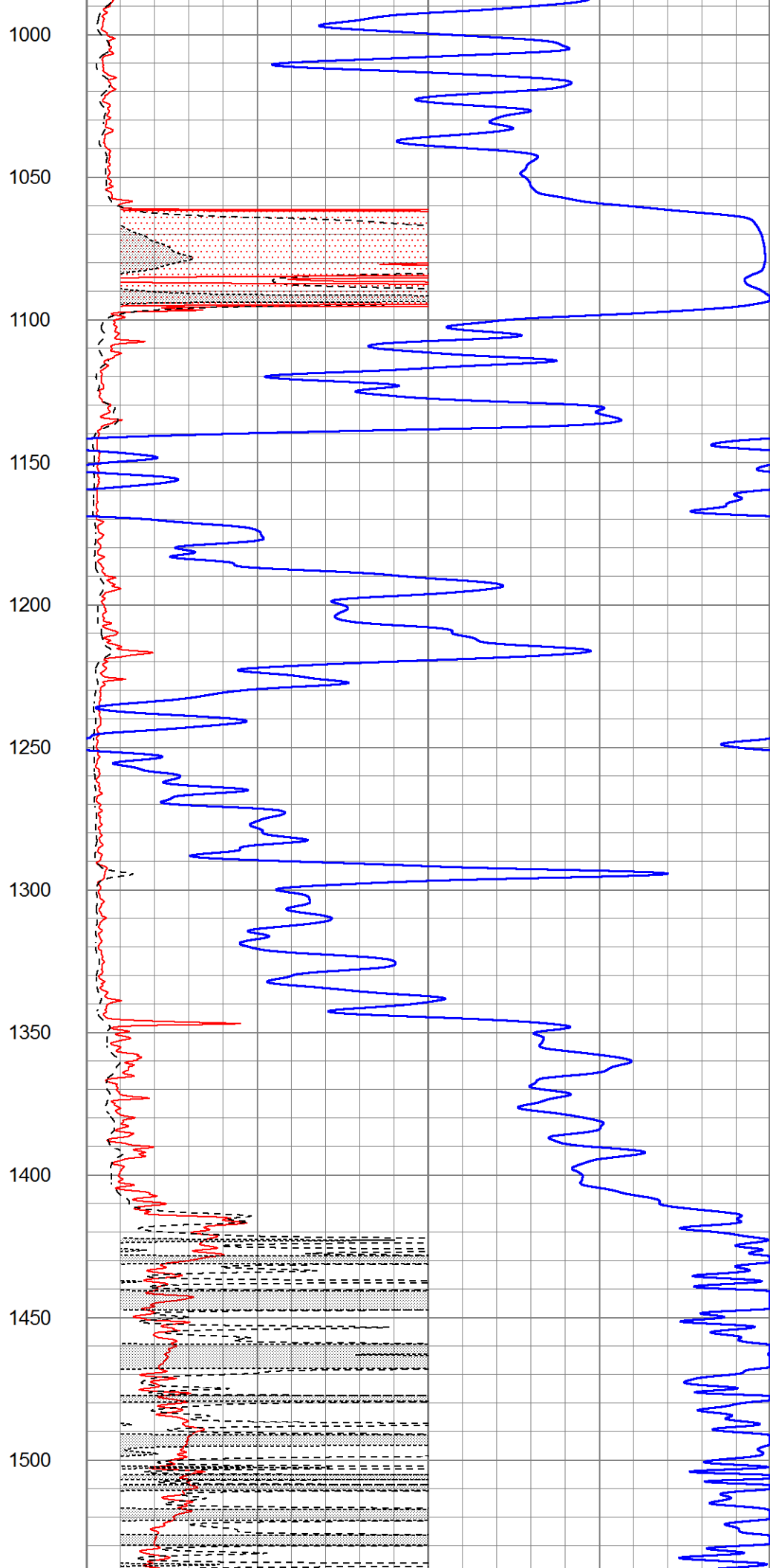
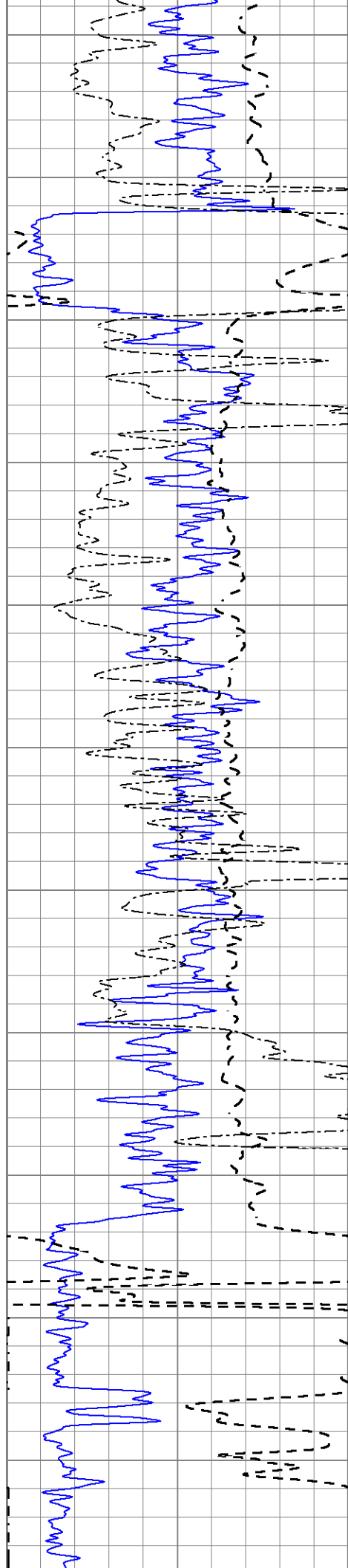
MAIN SECTION

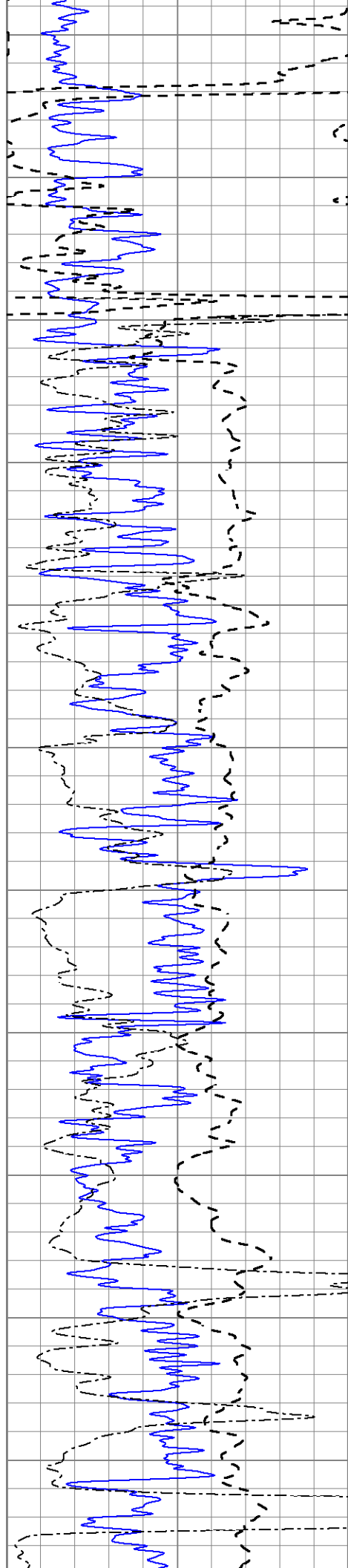
Database File	7877ddn.db
Dataset Pathname	pass3.1M
Presentation Format	_dil2
Dataset Creation	Fri May 05 04:15:34 2023
Charted by	Depth in Feet scaled 1:600

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









1550

1600

1650

1700

1750

1800

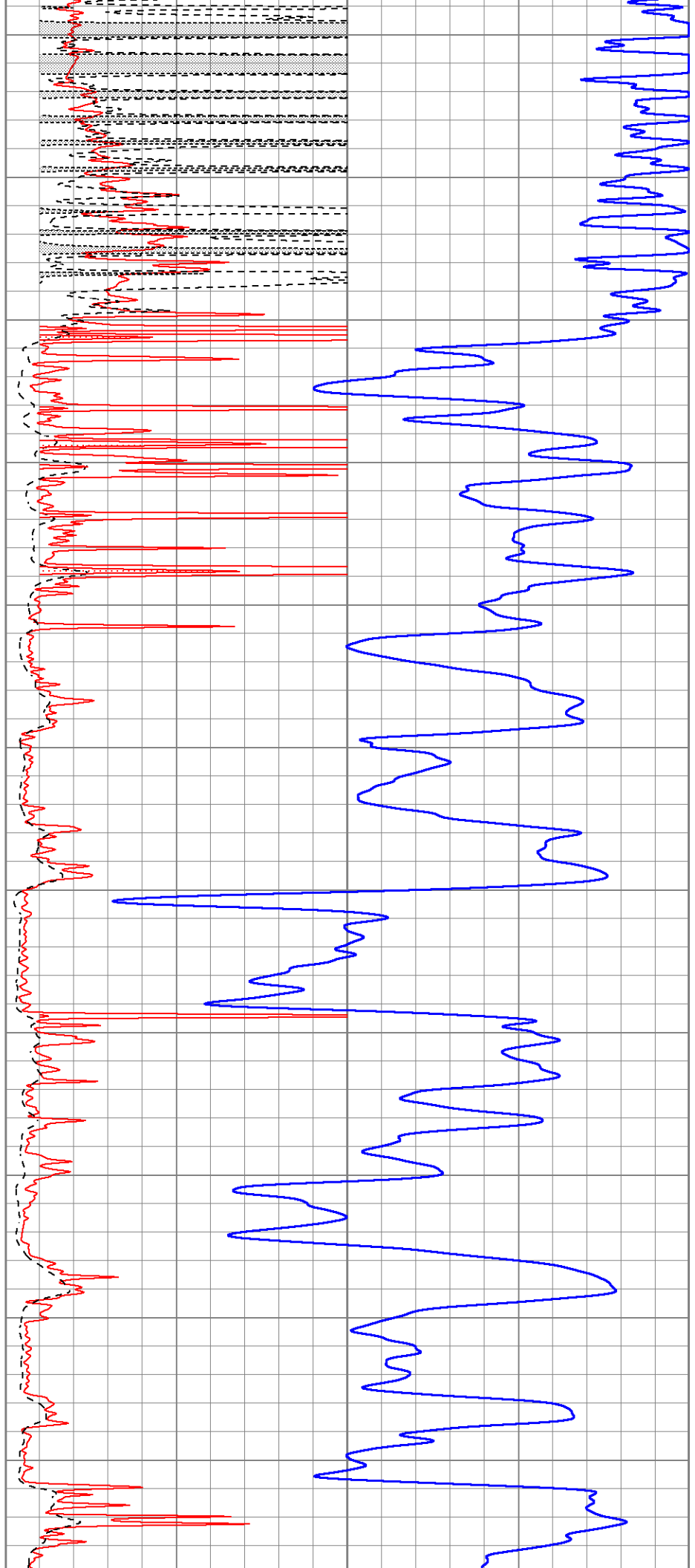
1850

1900

1950

2000

2050



2100

2150

2200

2250

2300

2350

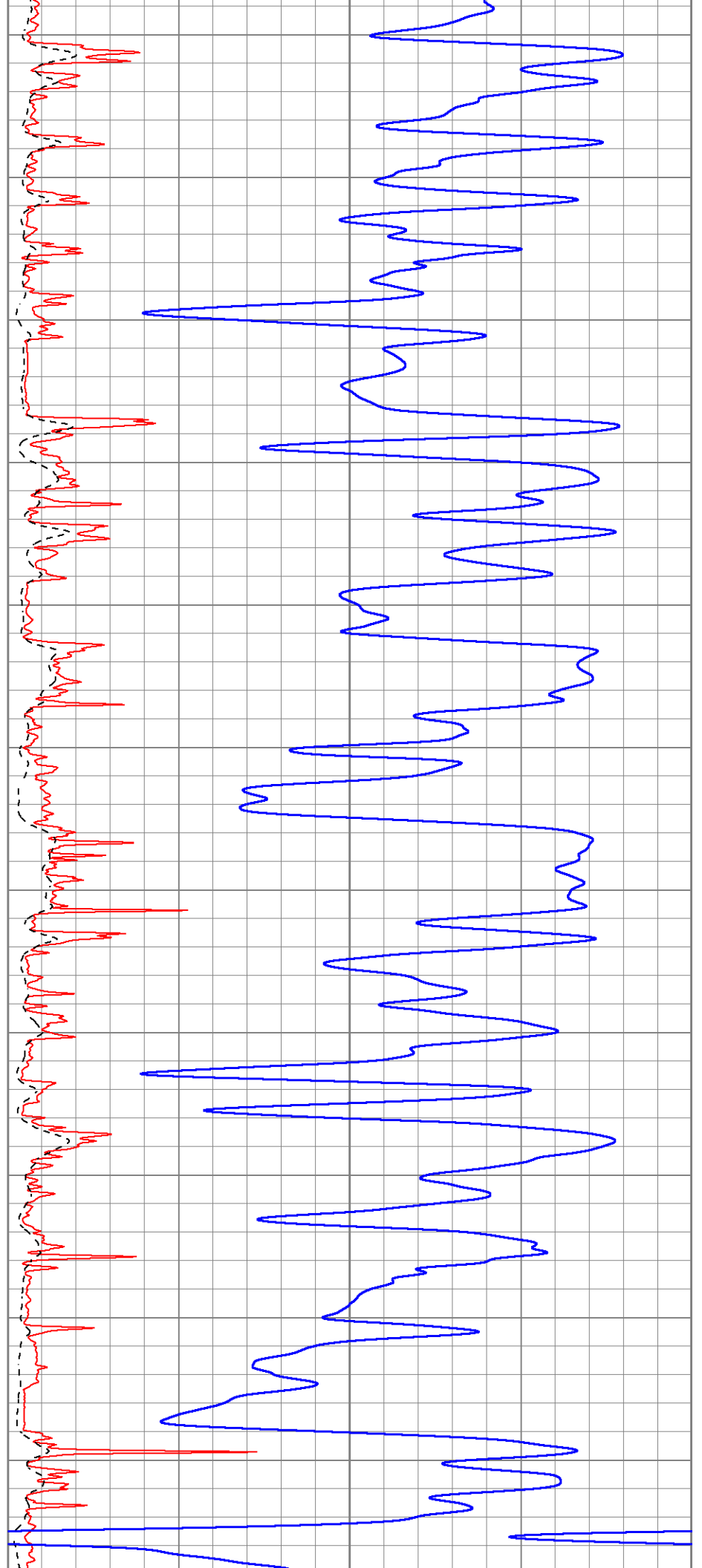
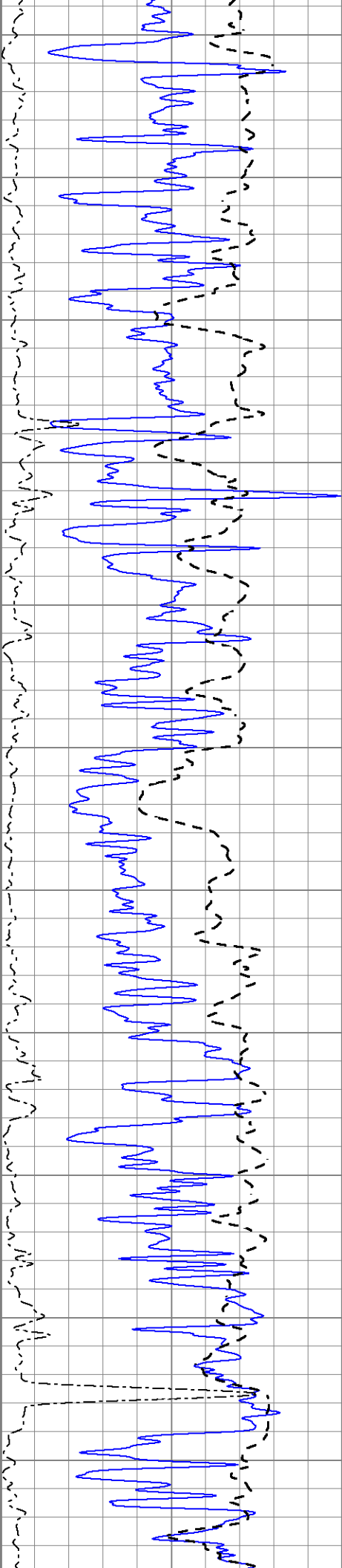
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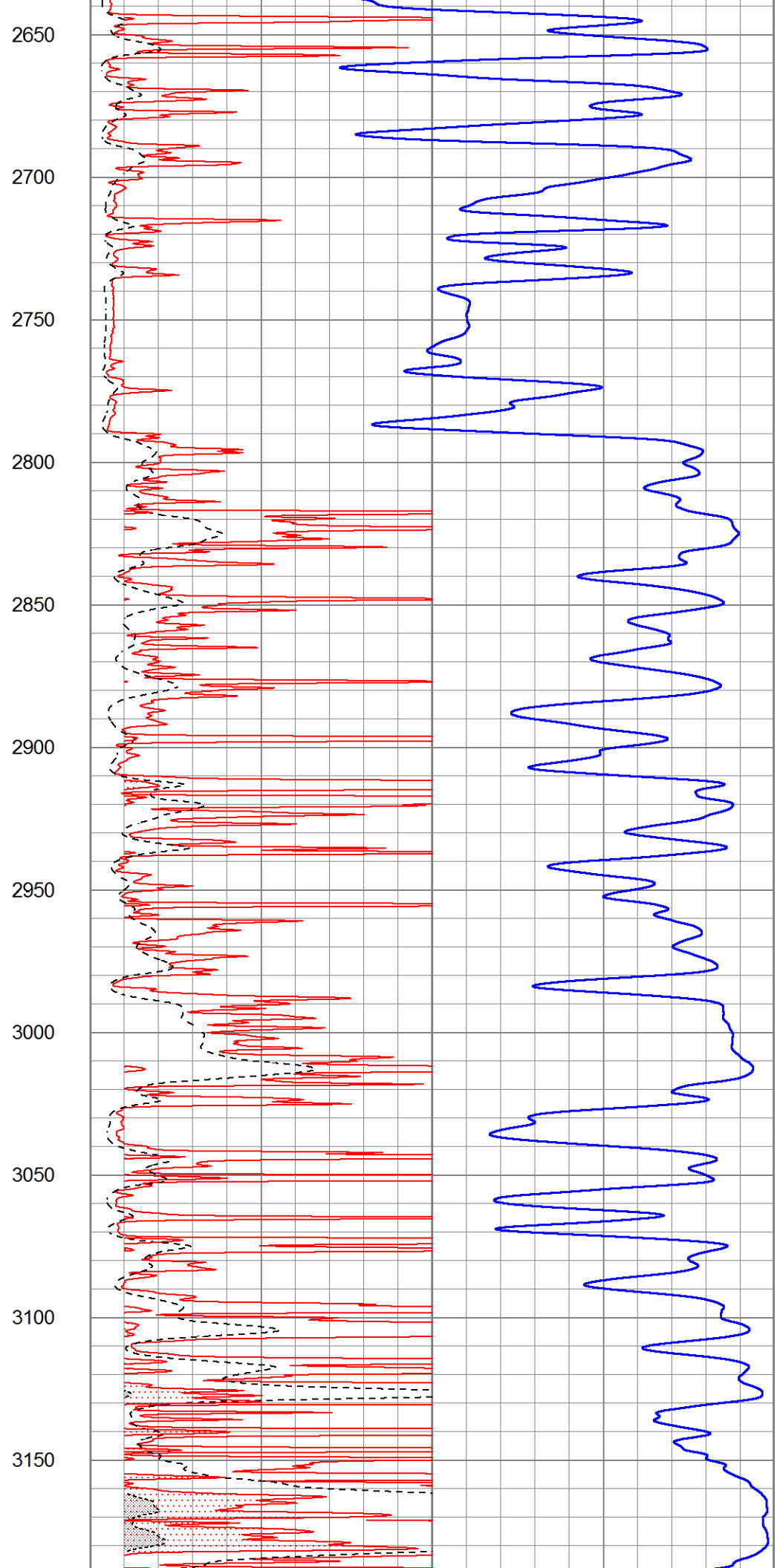
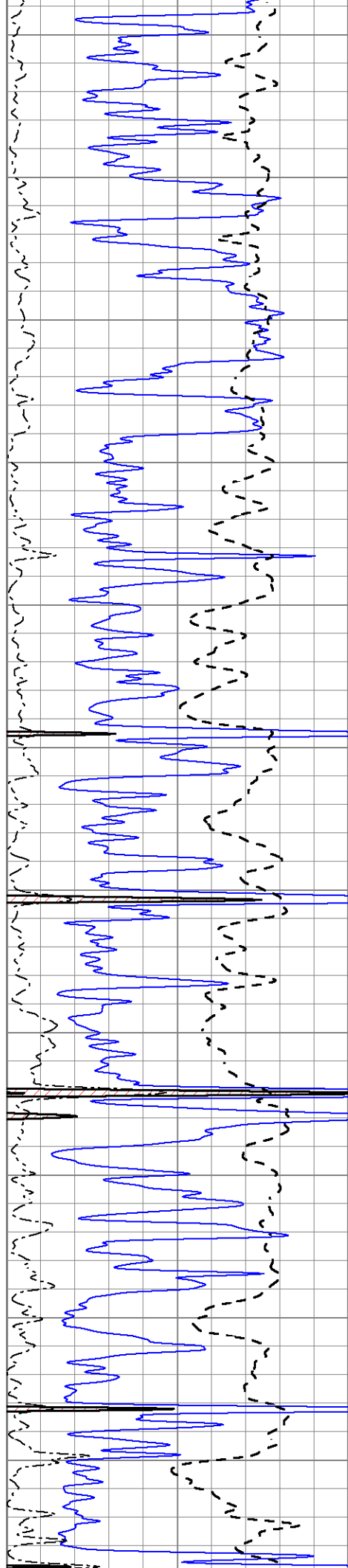
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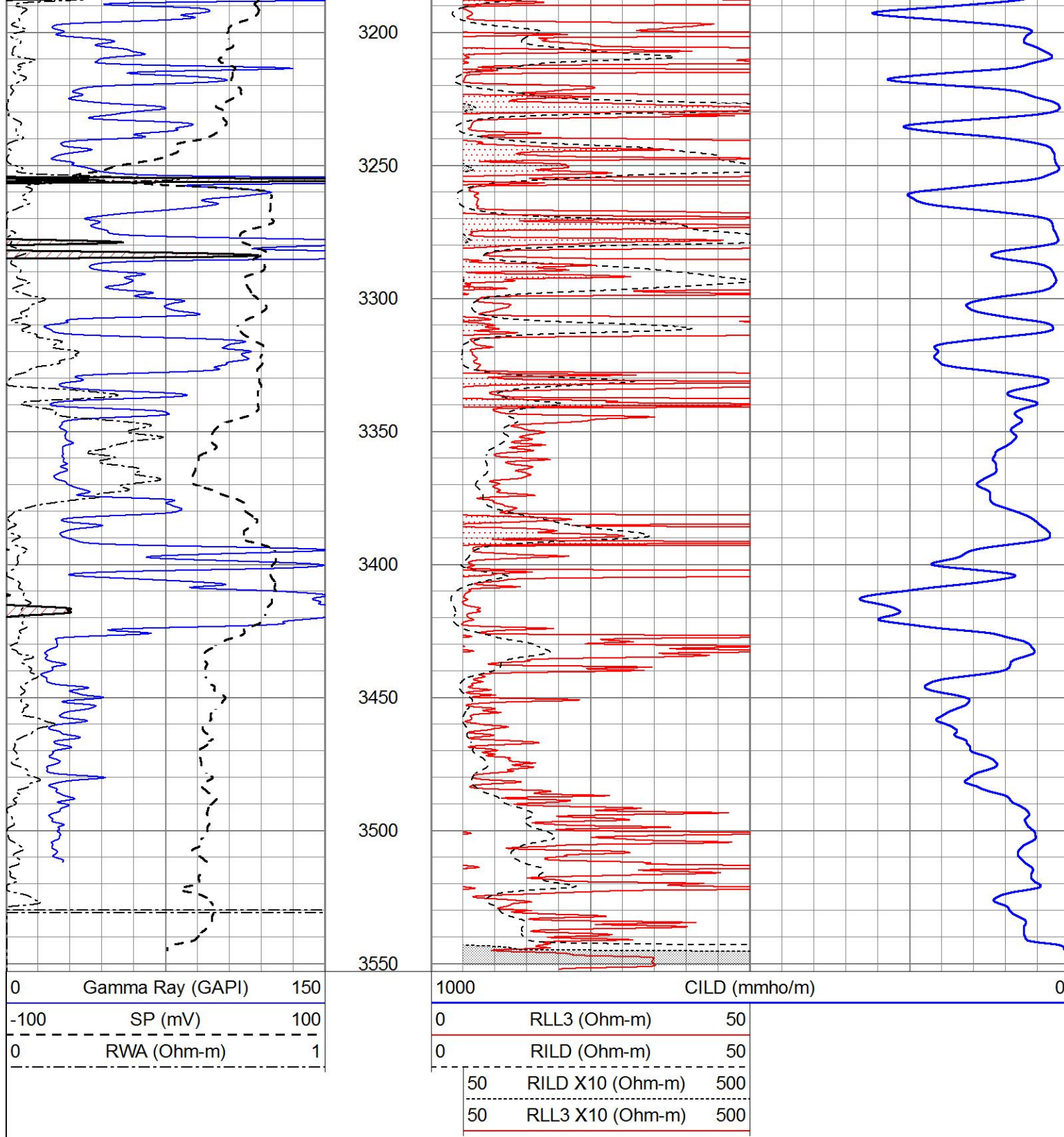
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2550

2600





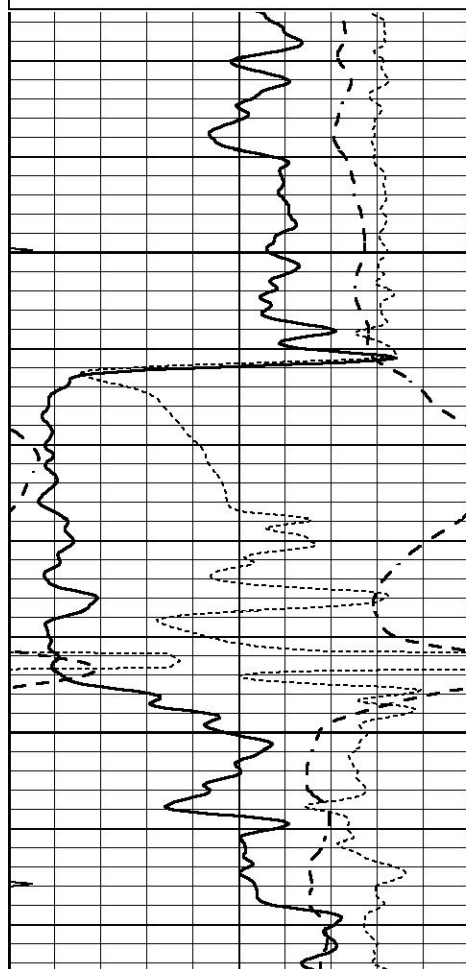


ANHYDRITE

Database File 7877ddn.db
Dataset Pathname pass3.1A
Presentation Format _dil
Dataset Creation Fri May 05 04:15:57 2023
Charted by Depth in Feet scaled 1:240

-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	20

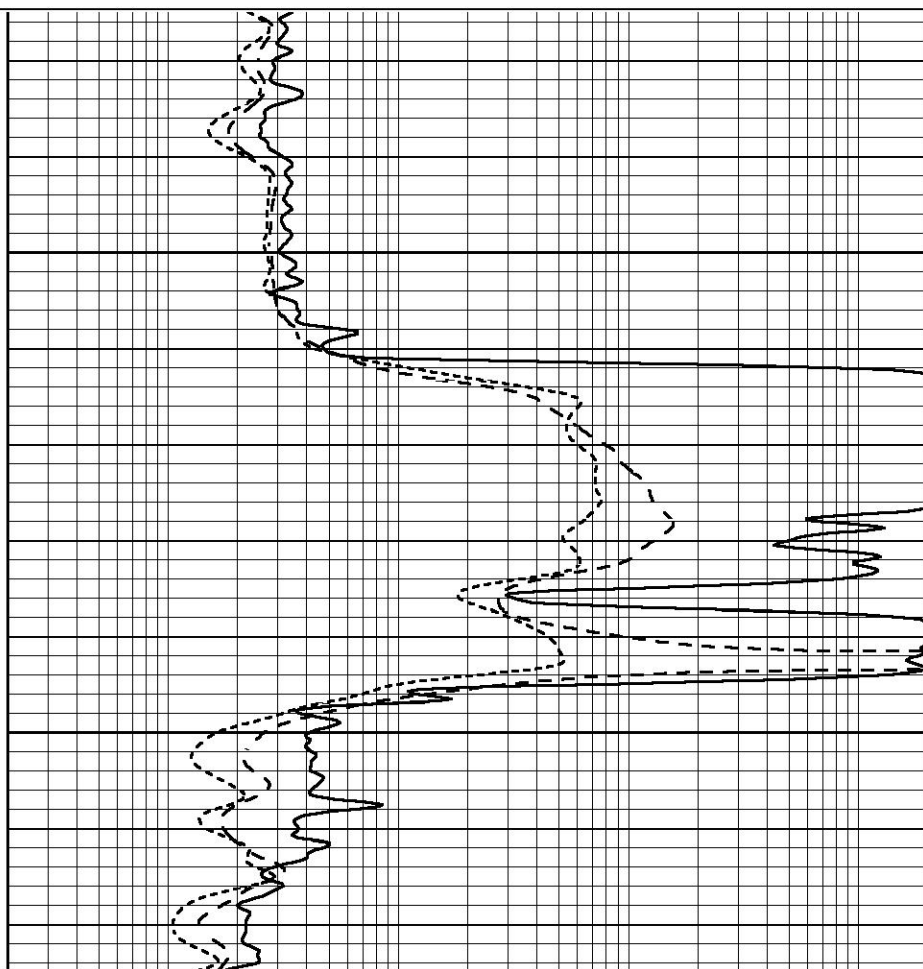
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000



1050

1100

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



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

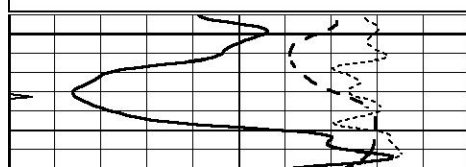


MAIN SECTION

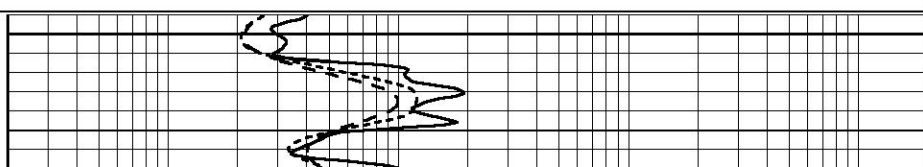
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Presentation Format _dil
Dataset Creation Fri May 05 04:15:34 2023
Charted by Depth in Feet scaled 1:240

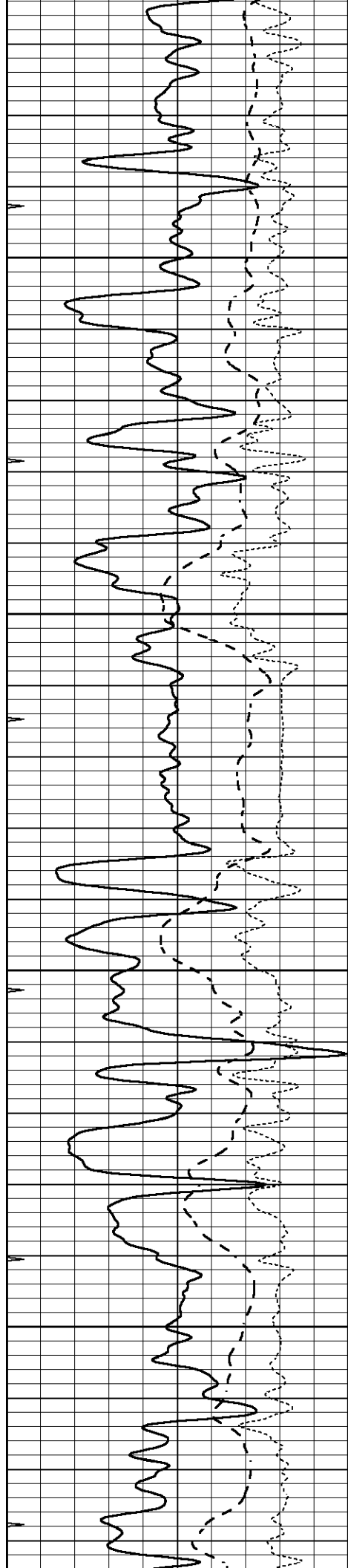
0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	20

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



2100



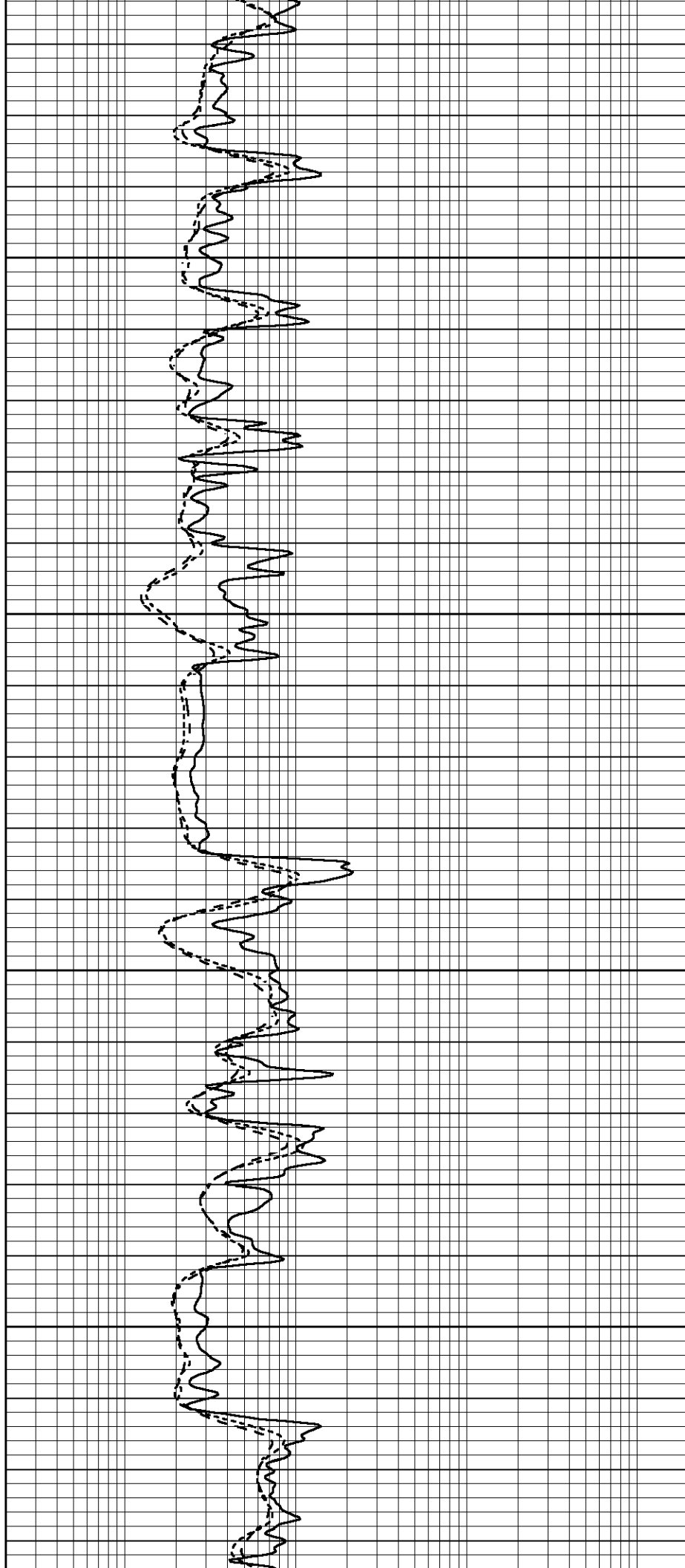


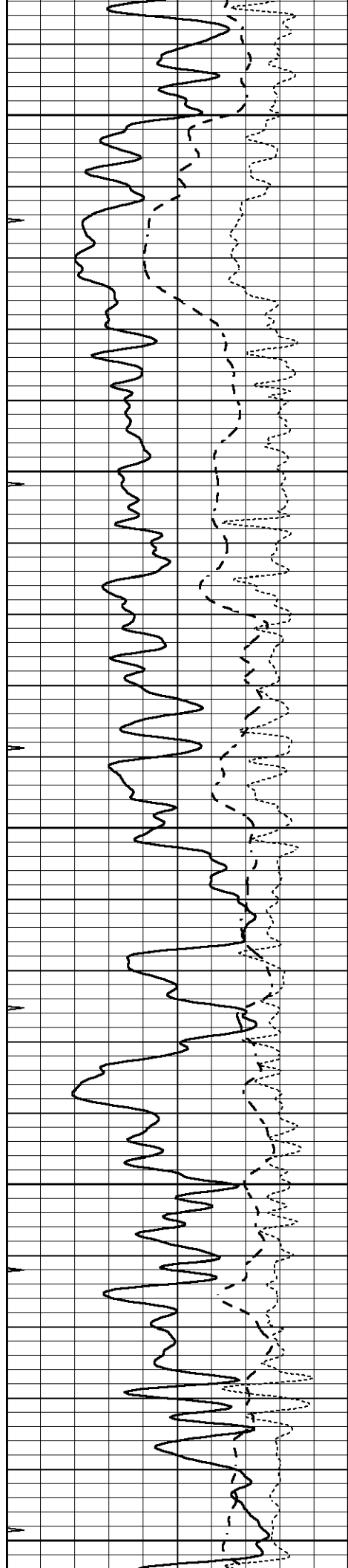
2150

2200

2250

2300





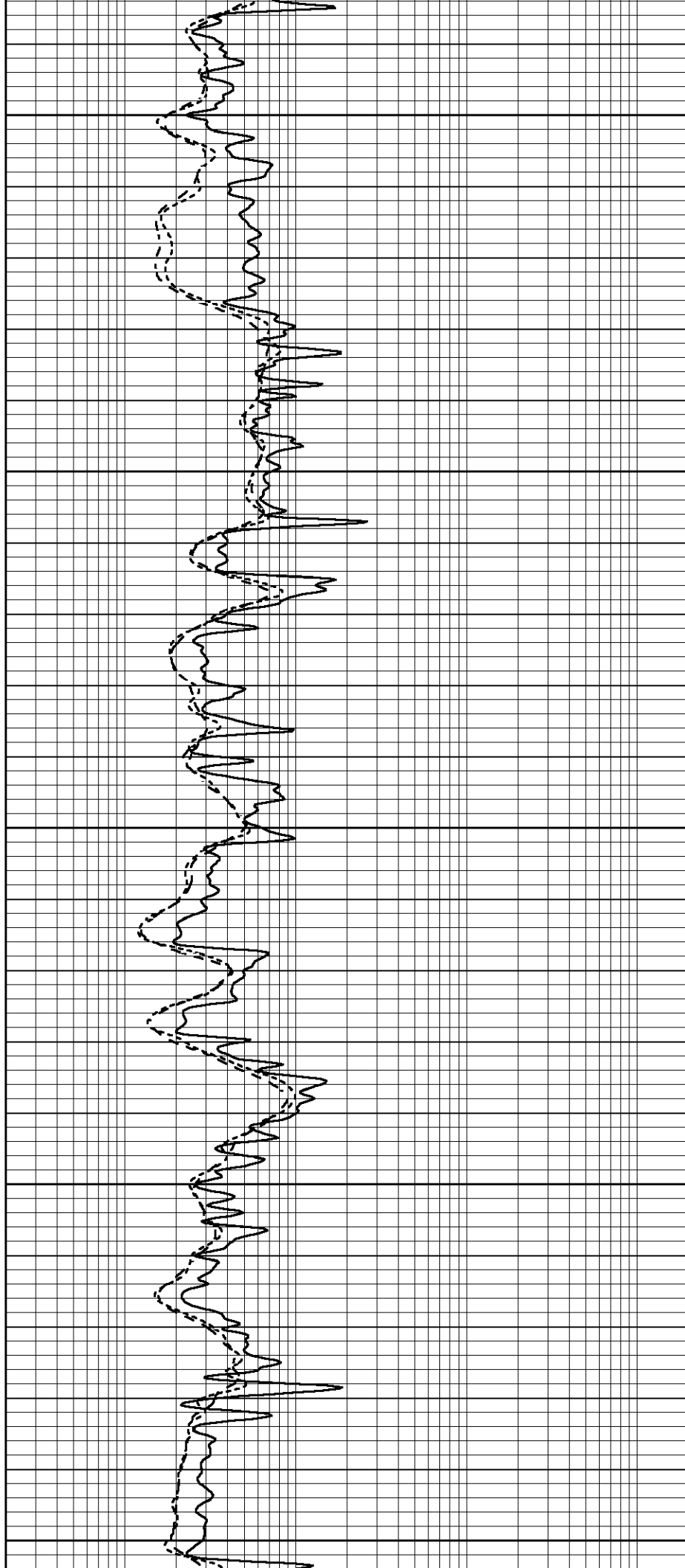
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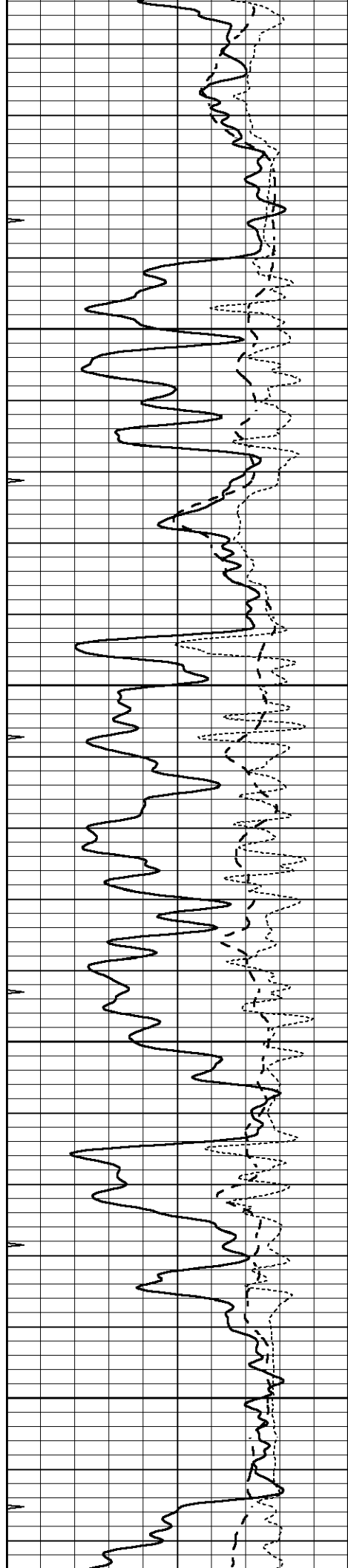
2400

2450

2500

2550



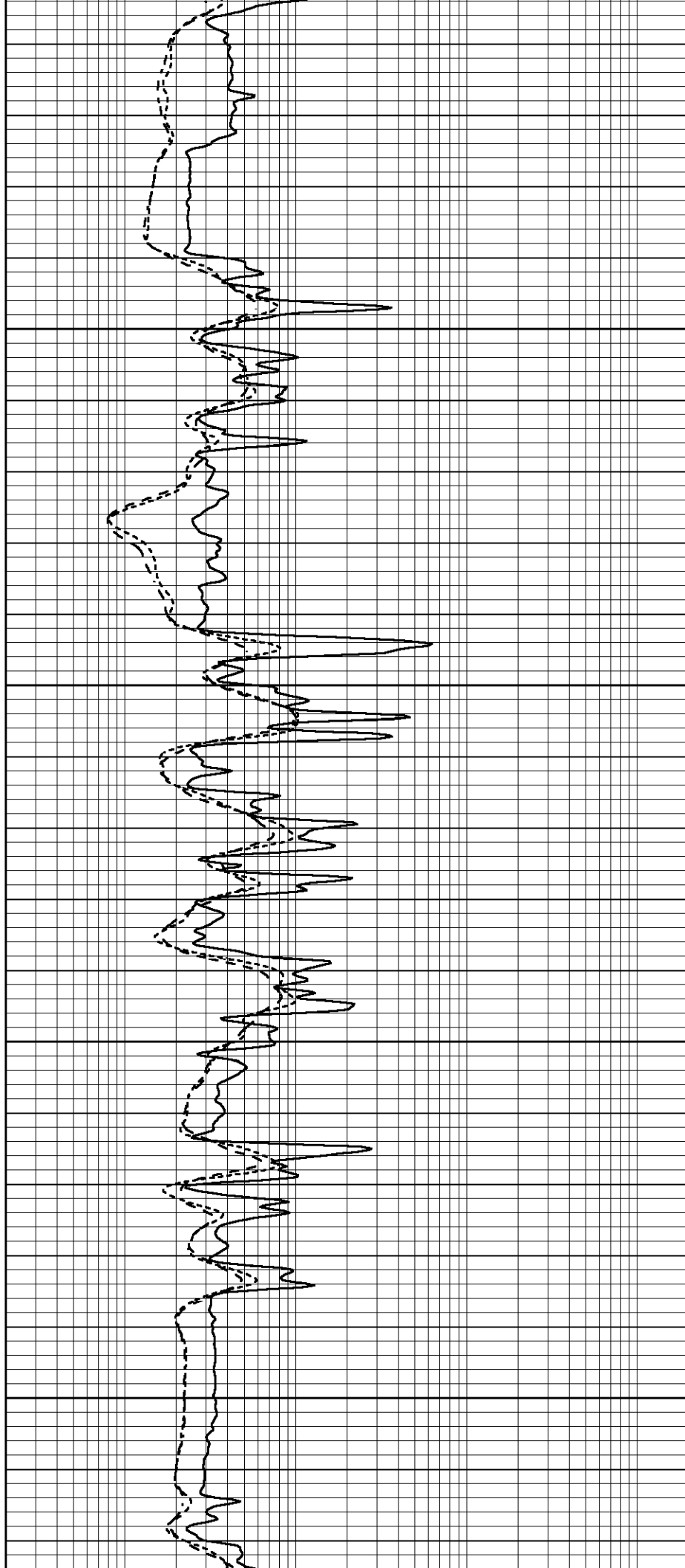


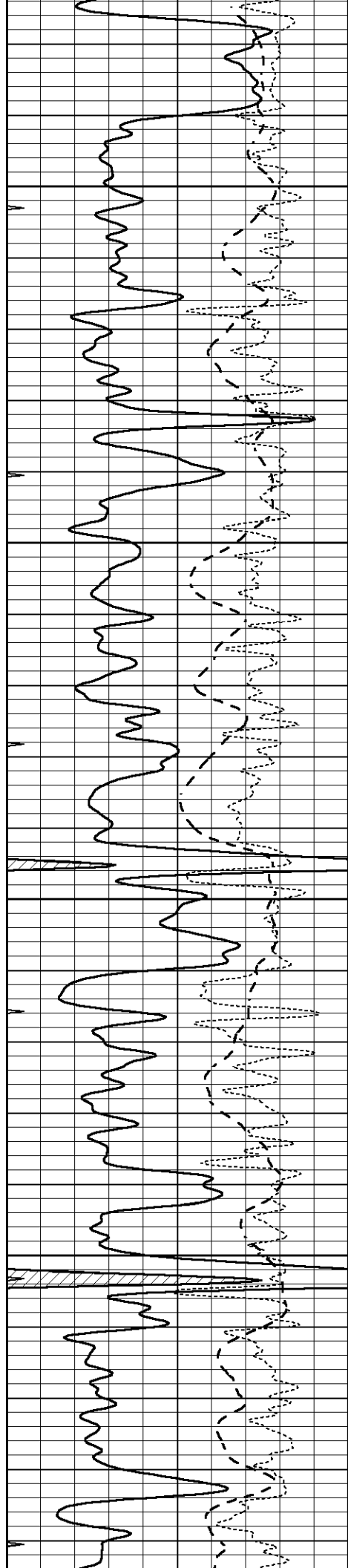
2600

2650

2700

2750



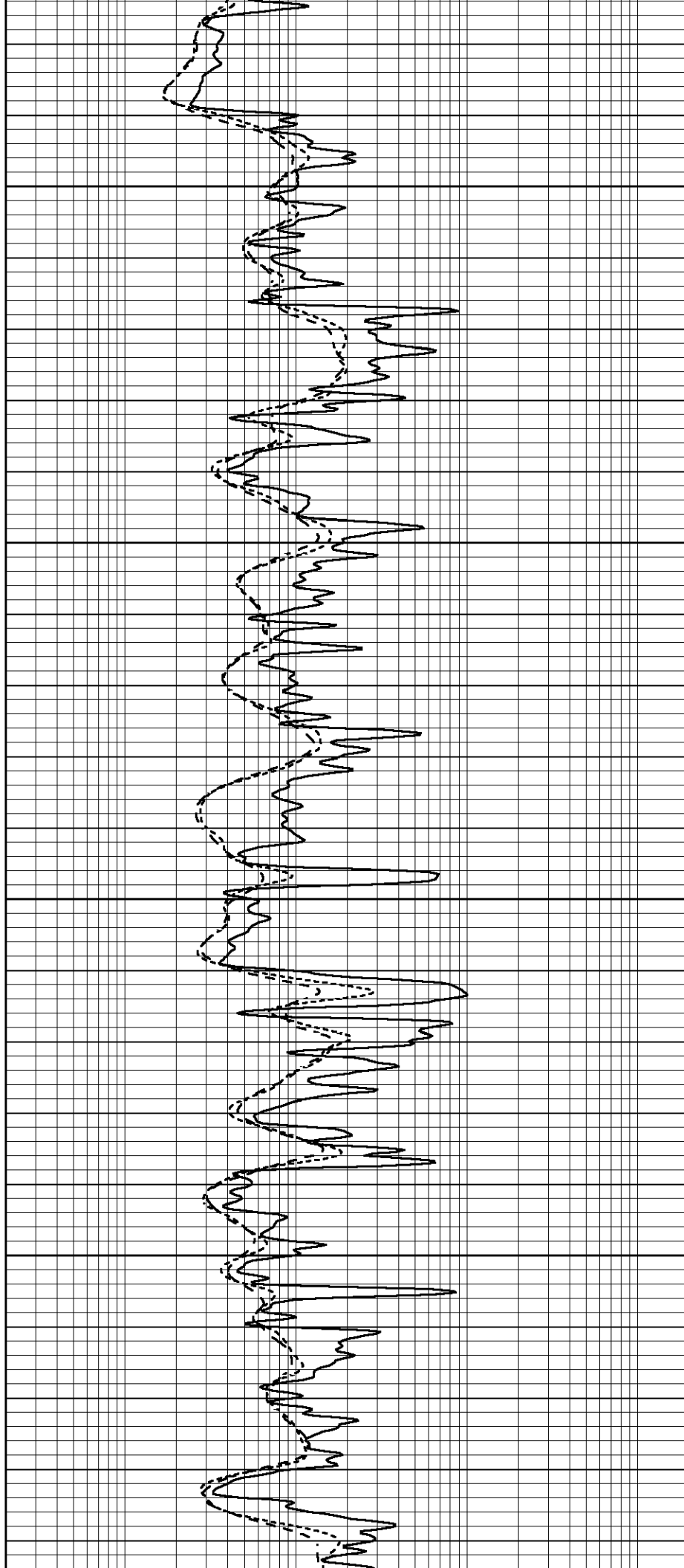


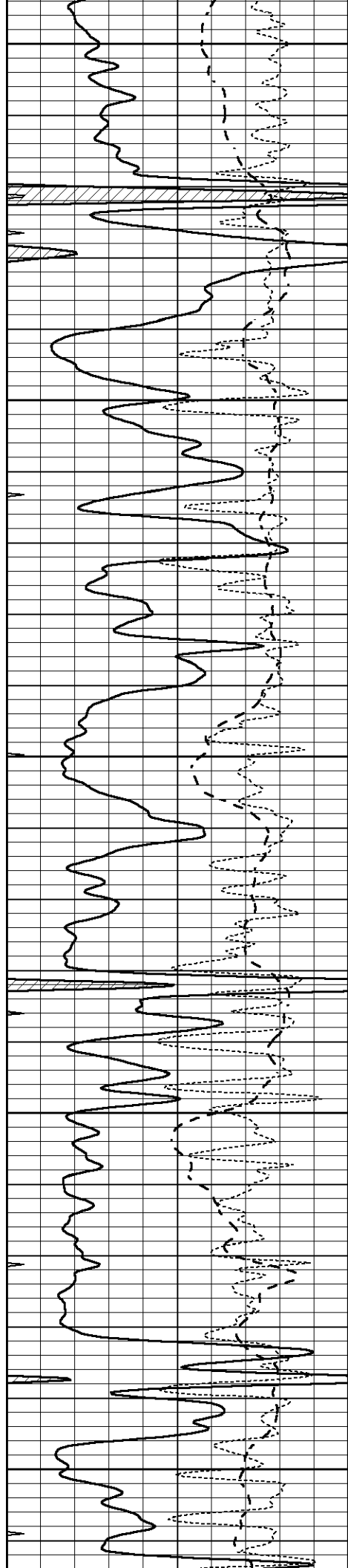
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2850

2900

2950





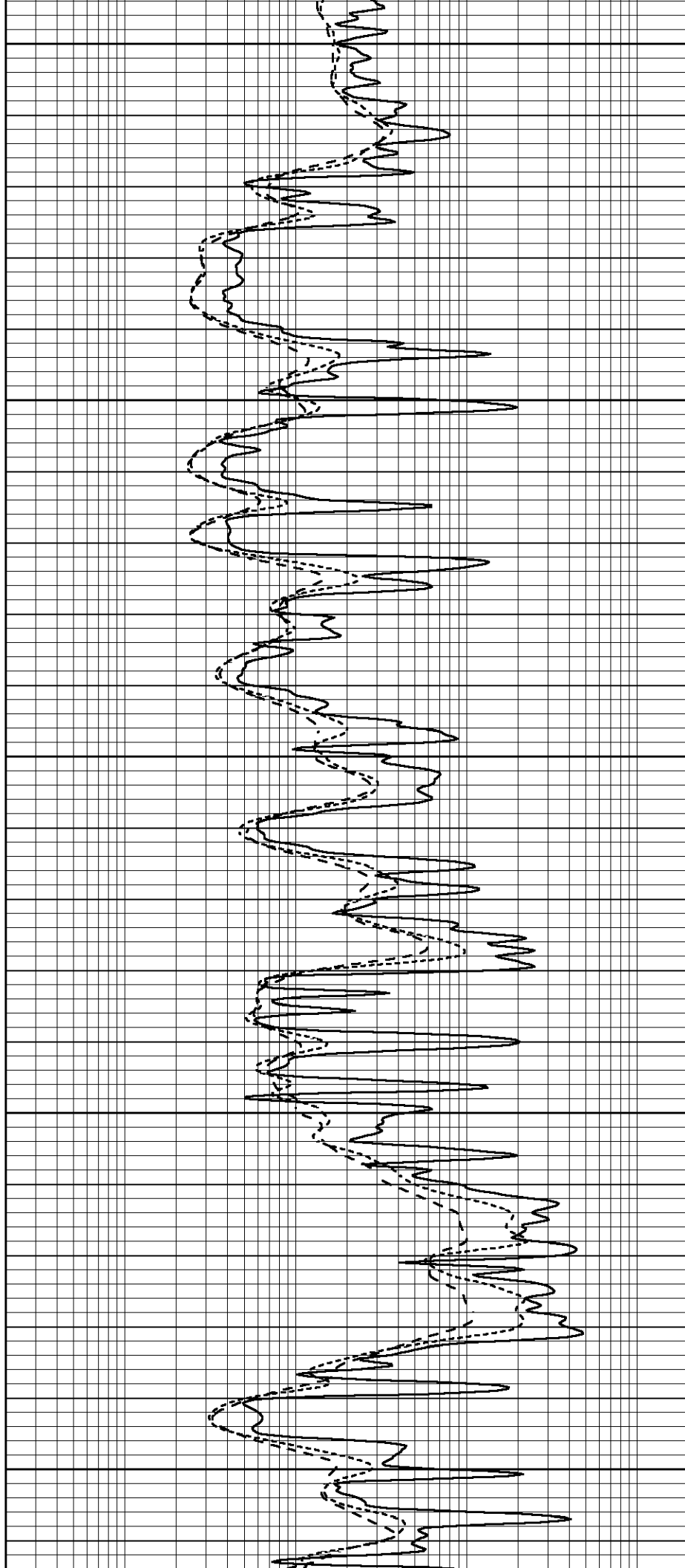
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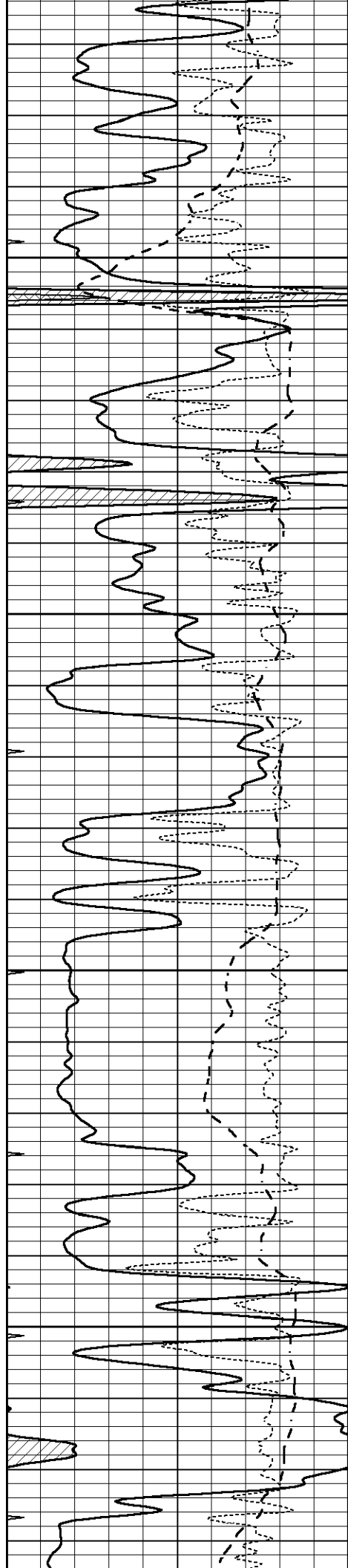
3050

3100

3150

3200



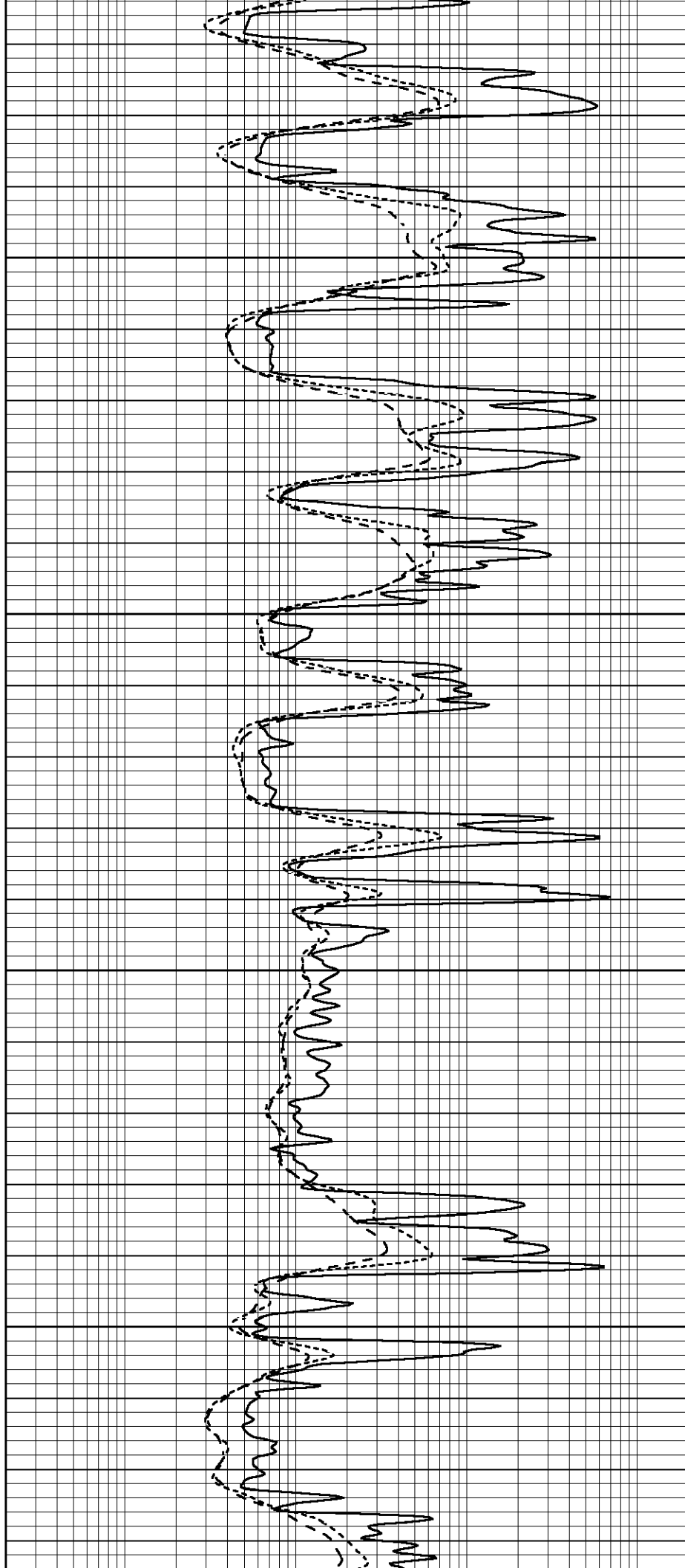


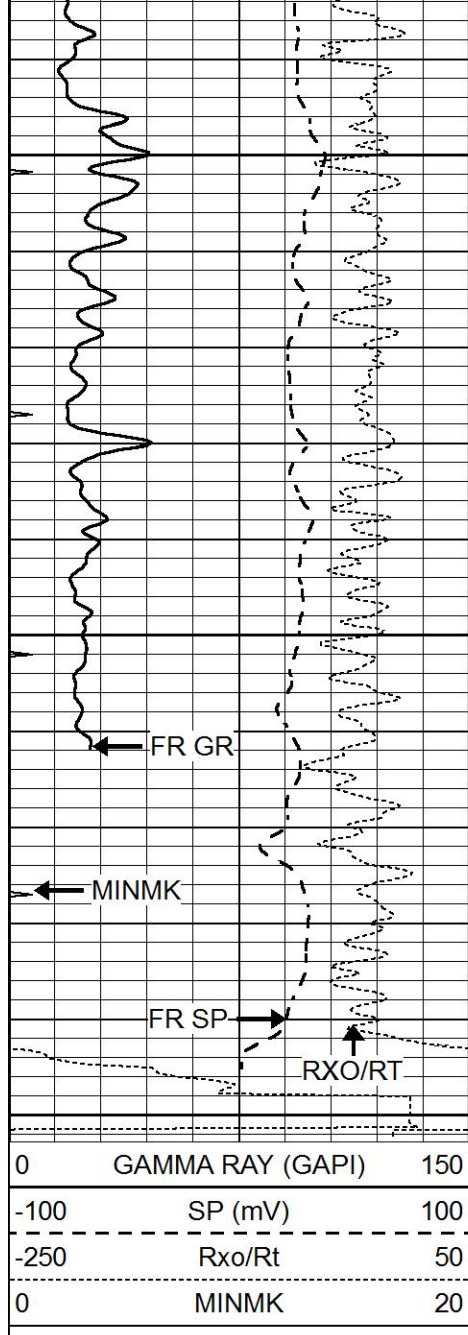
3250

3300

3350

3400

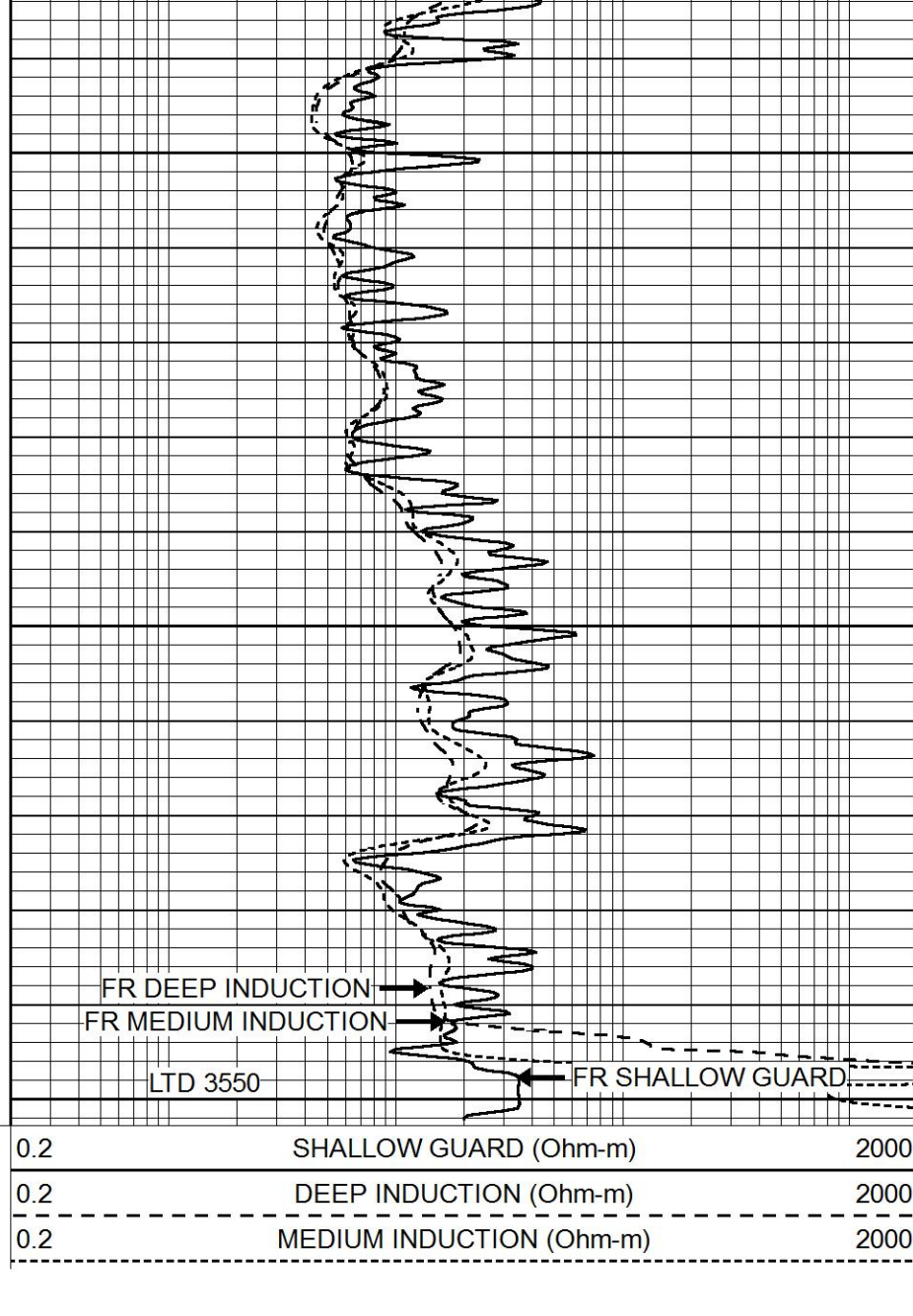




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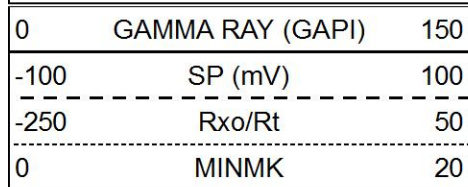
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3550

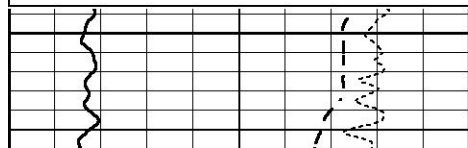
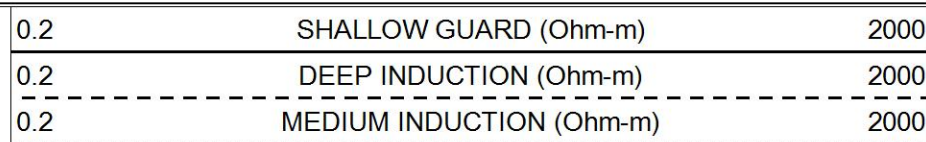


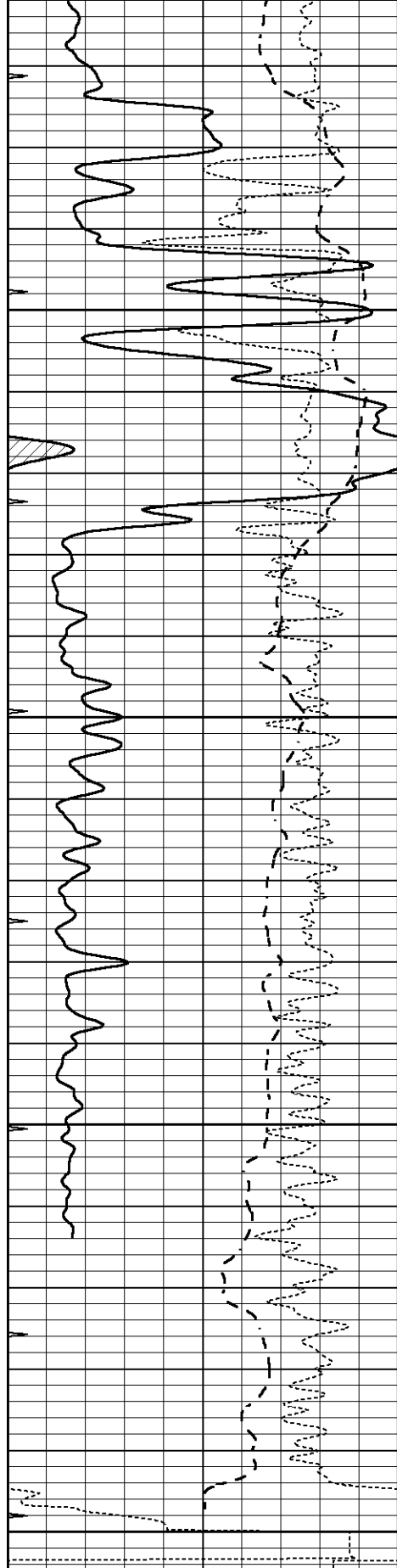
REPEAT SECTION

Database File 7877ddn.db
 Dataset Pathname pass2.1R
 Presentation Format _dil
 Dataset Creation Fri May 05 03:49:20 2023
 Charted by Depth in Feet scaled 1:240



3350





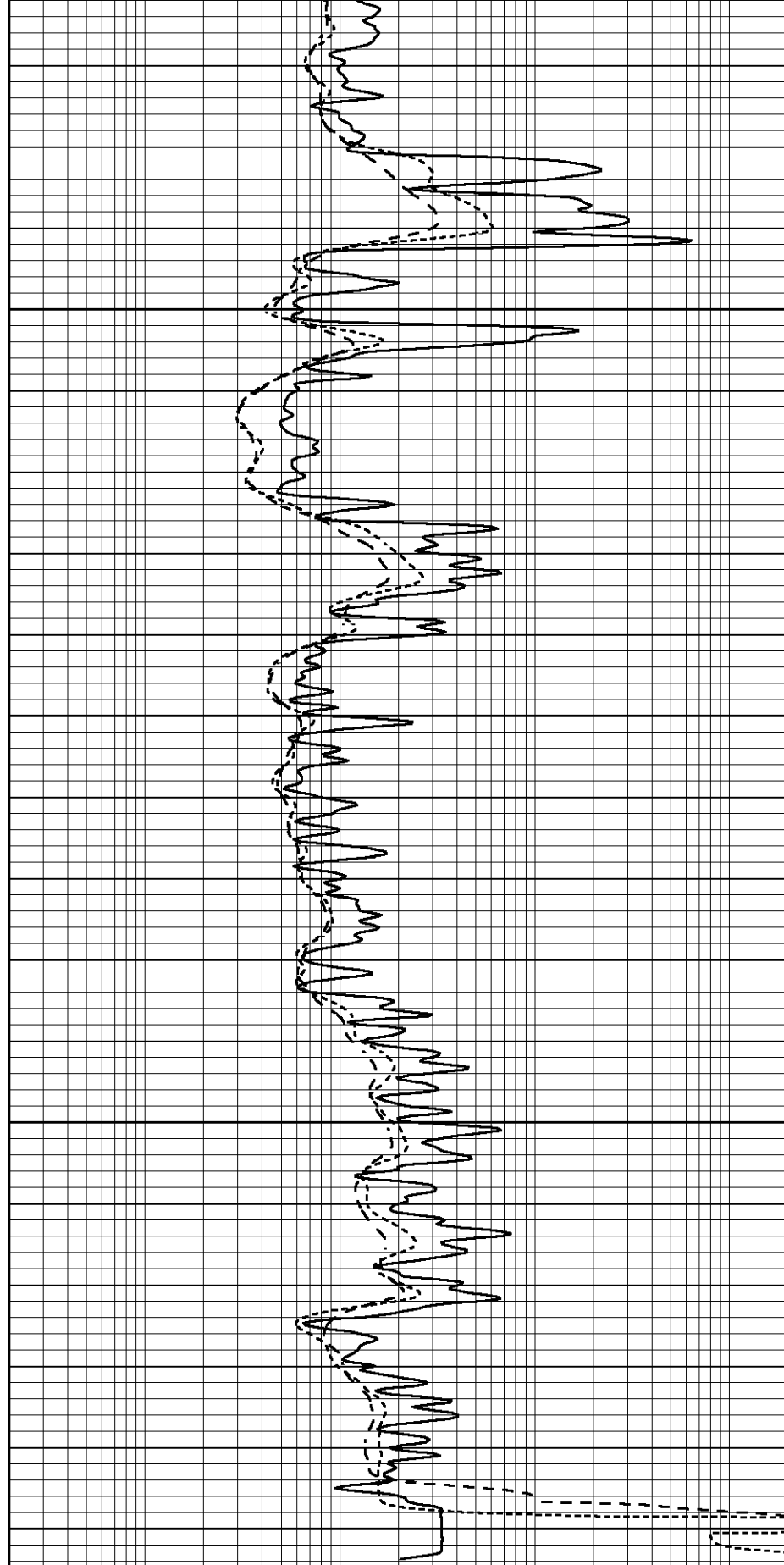
0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	20

3400

3450

3500

3550



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

Database File		7877ddn.db						
Dataset Pathname		pass3.1M						
Dataset Creation		Fri May 05 04:15:34 2023						
Dual Induction Calibration Report								
Serial-Model:			PROBE8-DILG					
Surface Cal Performed:			Fri May 05 03:06:58 2023					
Downhole Cal Performed:			Mon Jul 28 11:08:27 2008					
After Survey Verification Performed:			Mon Jul 28 11:08:27 2008					
Surface Calibration								
		Readings		References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.015	0.648	V	0.000	400.000	mmho/m	640.000	4.000
Medium	0.029	0.796	V	0.000	464.000	mmho/m	625.000	-8.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.017	0.657	V	0.000	400.000	mmho/m	625.153	-10.619
Medium	0.016	0.757	V	0.000	464.000	mmho/m	625.992	-9.739
Downhole Calibration								
		Readings		References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	2.011	405.777	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	7.590	503.393	mmho/m	1.000	0.000
LL3		7.500	V		1500.000	Ohm-m		
		0.000	V		20.000	Ohm-m		
		-7.200	V		3800.000	mmho-m		
After Survey Verification								
		Readings		Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	0.000	0.000	mmho/m	0.000	0.000
Medium	0.000	0.000	mmho/m	0.000	0.000	mmho/m	0.000	0.000
LL3		1.000	Ohm-m		1.000	Ohm-m		
		0.000	Ohm-m		0.000	Ohm-m		
		1.000	mmho-m		1.000	mmho-m		
Litho Density Calibration Report								
Serial: 001			Model: PRB					
Master Calibration								
Performed Tue Aug 02 14:54:49 2022								
	Background	Magnesium		Aluminum		Aluminum+Fe		
Window 1	1540.1	9840.1		3279.8		3001.8		cps
Window 2	1435.6	8495.4		2920.3		2720.3		cps
Window 3	1167.4	4527.9		1868.6		1810.1		cps
Window 4	344.6	343.5		346.7		342.3		cps
Long Space	0.0	7059.8		1484.8		1284.7		cps
Short Space	3.3	2502.7		1618.3		1368.5		cps
Rho		1.7100		2.5900		0.0000		g/cc
Pe		2.0000		2.7500		5.7900		
Rib Angle	: 44.4	Rib Slope	: 0.979	Density/Spine Ratio		: 0.544		
Spine Angle	: 74.4	Spine Slope	: 3.576	Spine Intercept		: -19.1		
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	

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Compensated Neutron Calibration Report
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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:	Tue Apr 11 09:45:09 2023	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.2800	GAPI/cps