

DUAL INDUCTION LOG

Company	SATCHELL CREEK PETROLEUM, LLC.		
Well	MASTERS #A1-23		
Field	UNNAMED		
County	BUTLER	State	KANSAS
Location:	API # : 15-015-24181-0000		Other Services CDL/CNL/PE MEL/SON
Permanent Datum	SEC 23 TWP 25S RGE 7E	GROUND LEVEL Elevation	1496
Log Measured From	KELLY BUSHING 6" A.G.L		
Drilling Measured From	KELLY BUSHING		
Elevation		K.B. 1502 D.F. 1500 G.L. 1496	
Date	12/11/22		
Run Number	ONE		
Depth Driller	3208		
Depth Logger	3208		
Bottom Logged Interval	3206		
Top Log Interval	00		
Casing Driller	8 5/8" @ 293		
Casing Logger	293		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 7.000 PPM	
Density / Viscosity	9.1/44		
pH / Fluid Loss	11.0/6.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.30 @ 80F		
Rmf @ Meas. Temp	.975 @ 80F		
Rmc @ Meas. Temp	1.56 @ 80F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.954 @ 109F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	4.30 A.M.		
Maximum Recorded Temperature	109F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	COLE ROBEN		
Witnessed By	CHRIS LEIKER		

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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

THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395

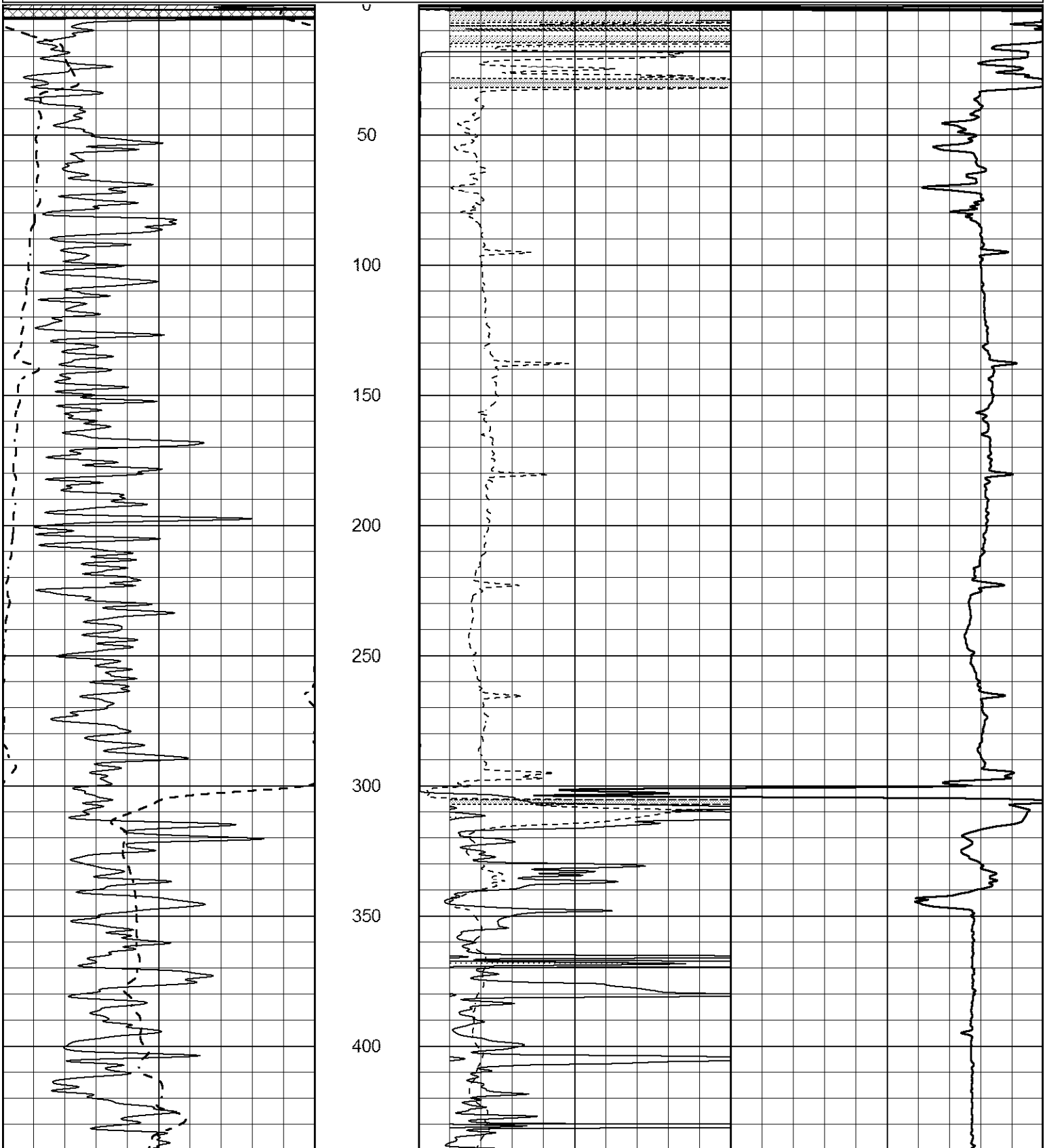
DIRECTIONS:
FROM ROSALIA, KS GO NORTH 3.5 MILES ON FLINTHILLS ROAD, WEST INTO



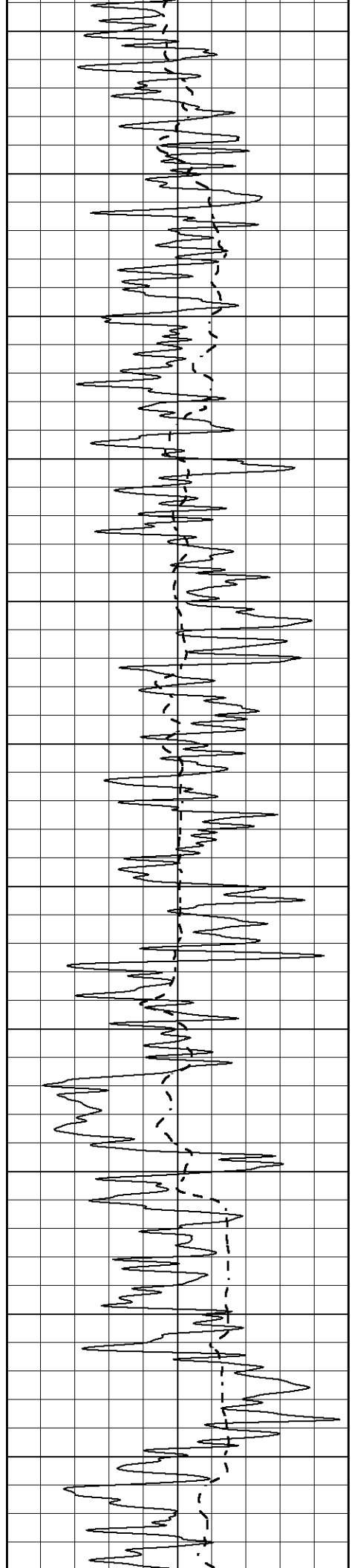
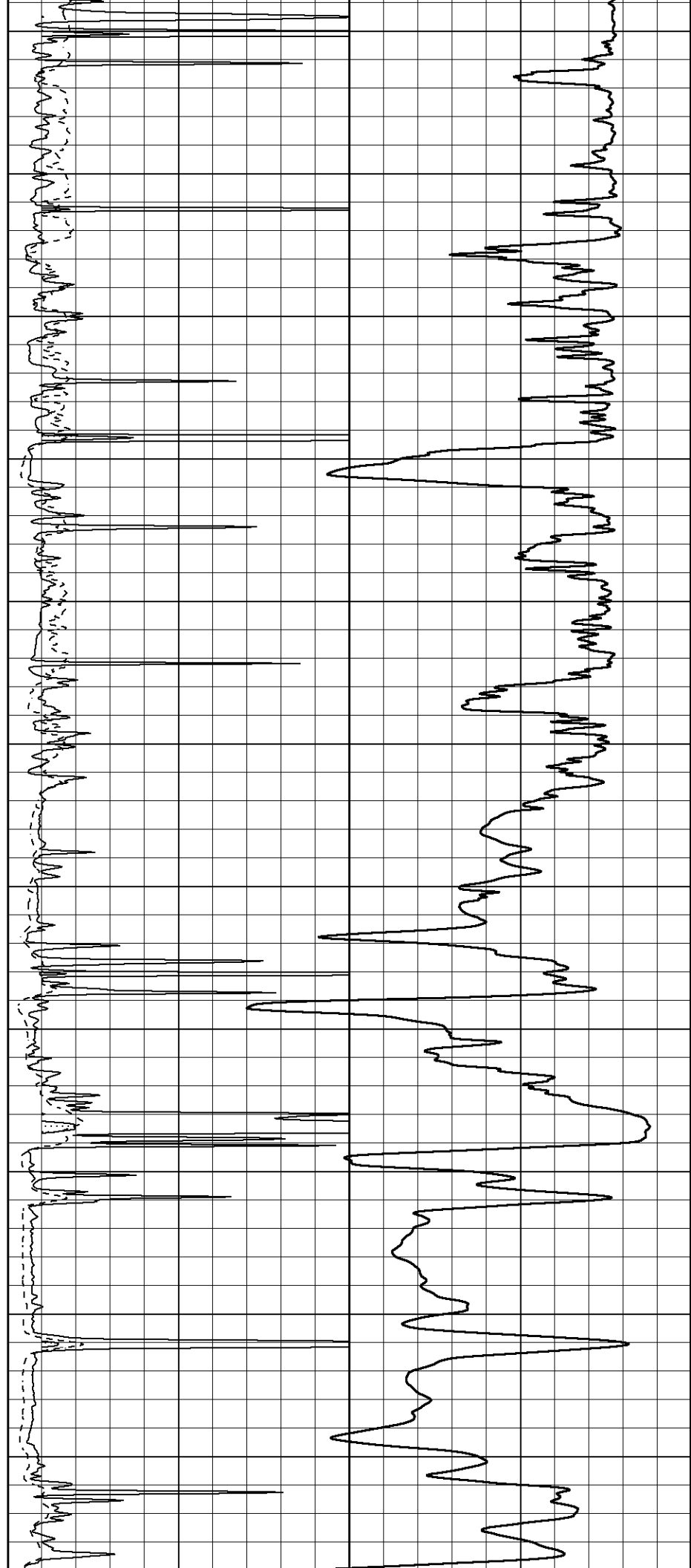
MAIN SECTION

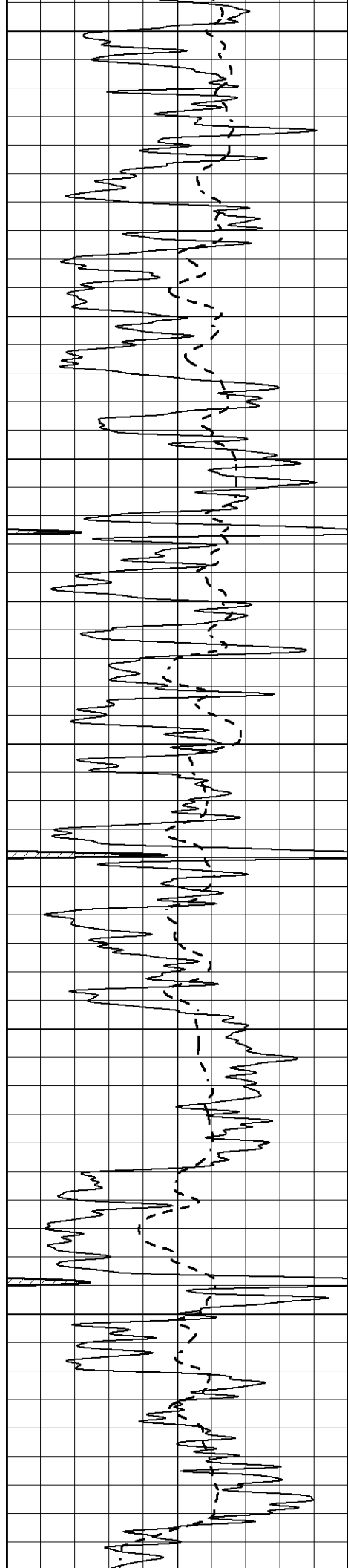
Database File	7388pe.db
Dataset Pathname	pass3M
Presentation Format	_dil2
Dataset Creation	Sun Dec 11 07:15:57 2022
Charted by	Depth in Feet scaled 1:600

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



450
500
550
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650
700
750
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850
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950





1000

1050

1100

1150

1200

1250

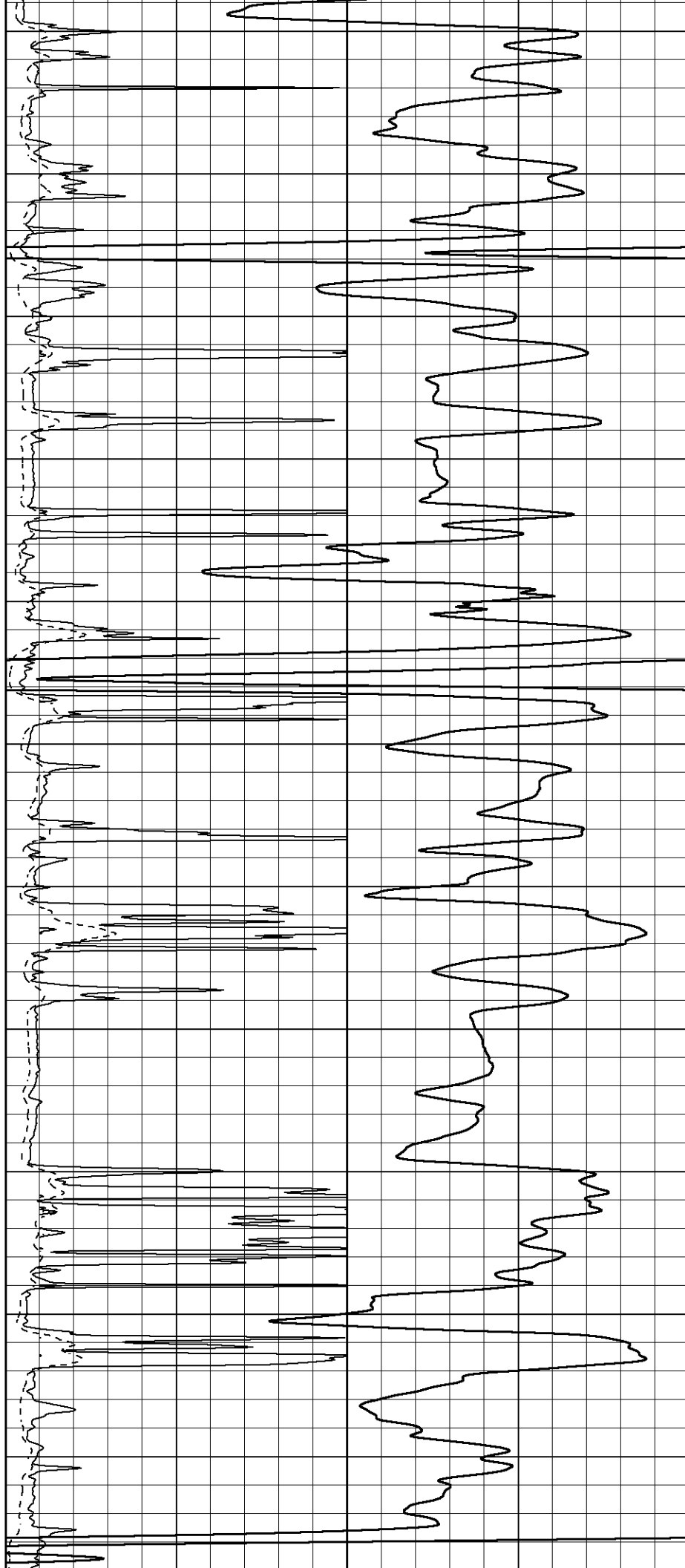
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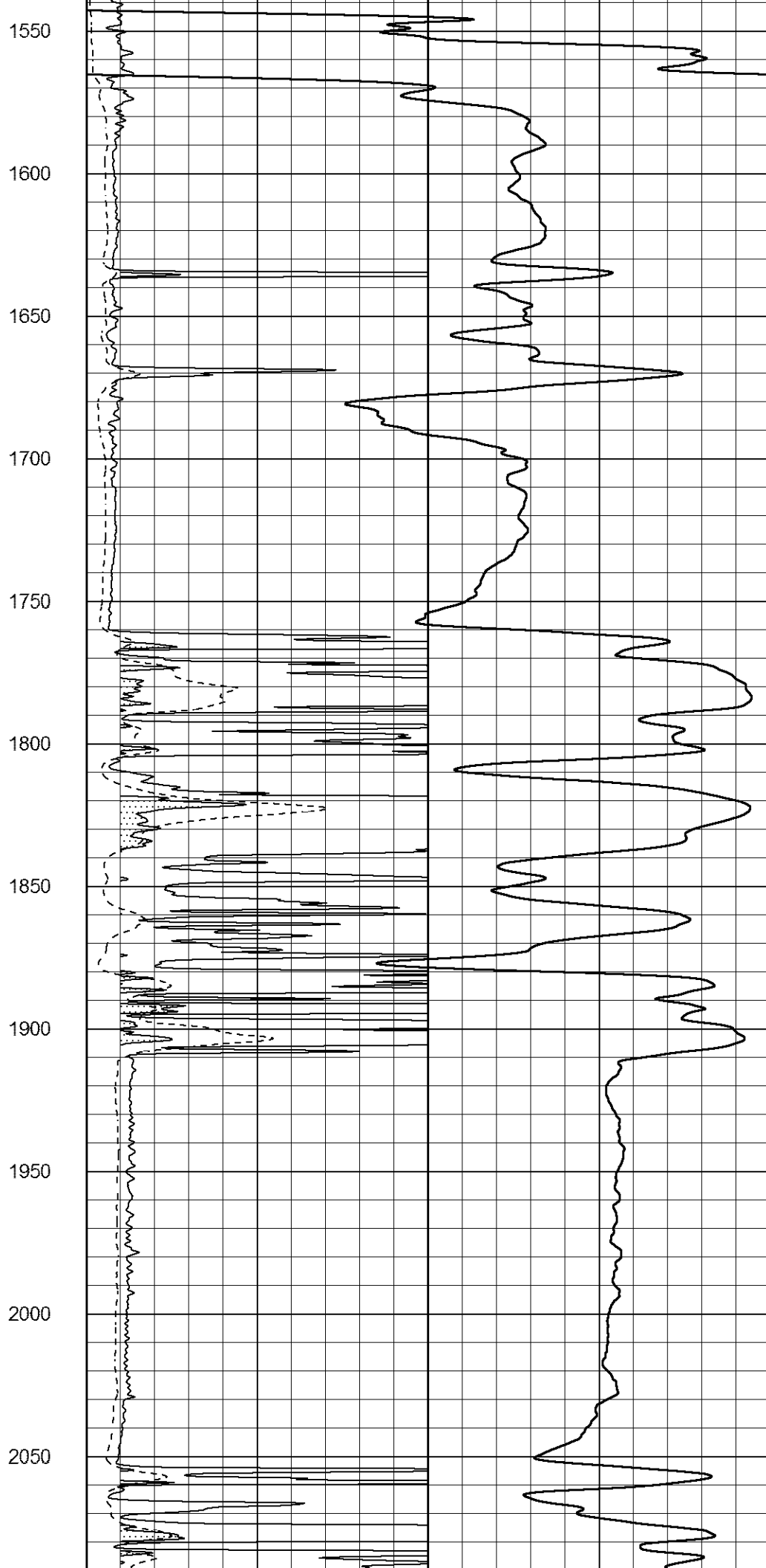
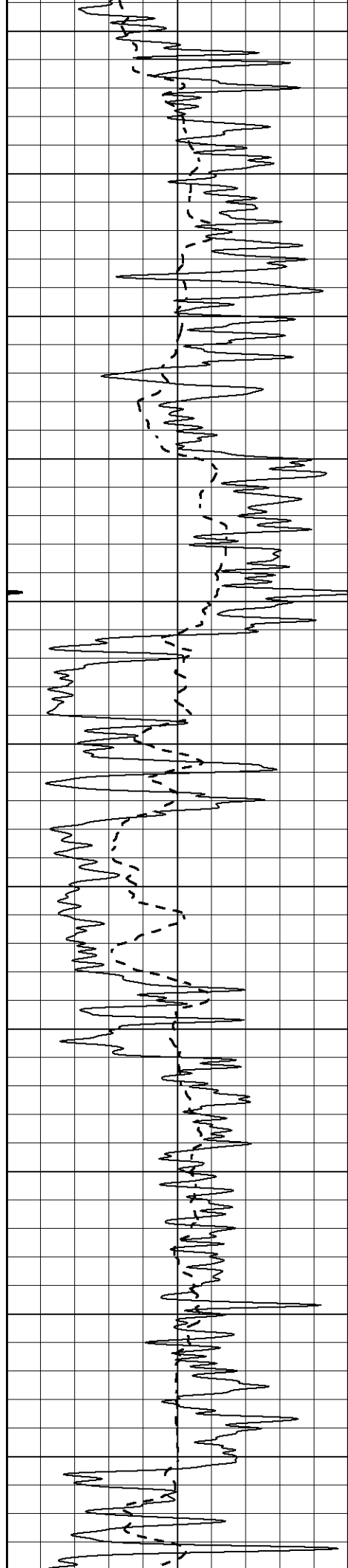
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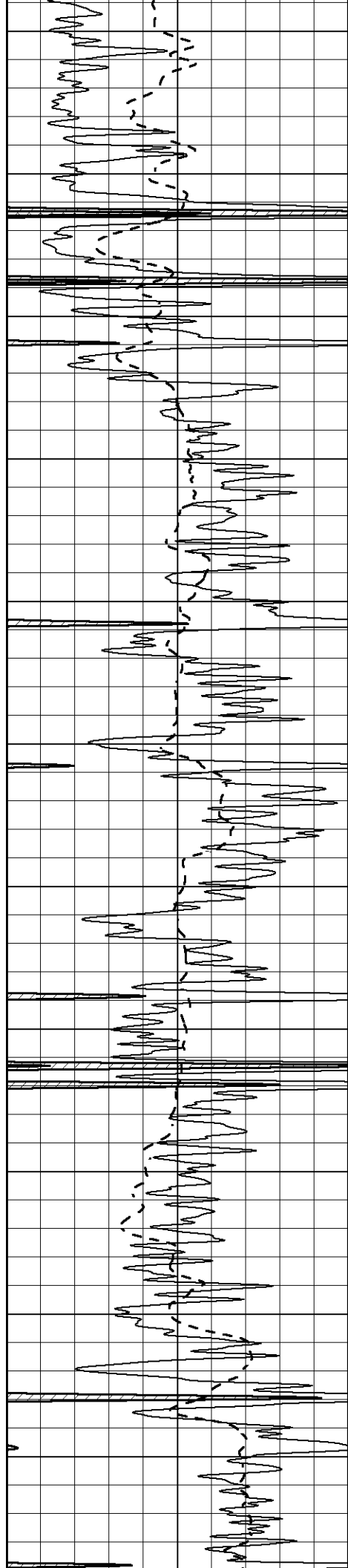
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2100

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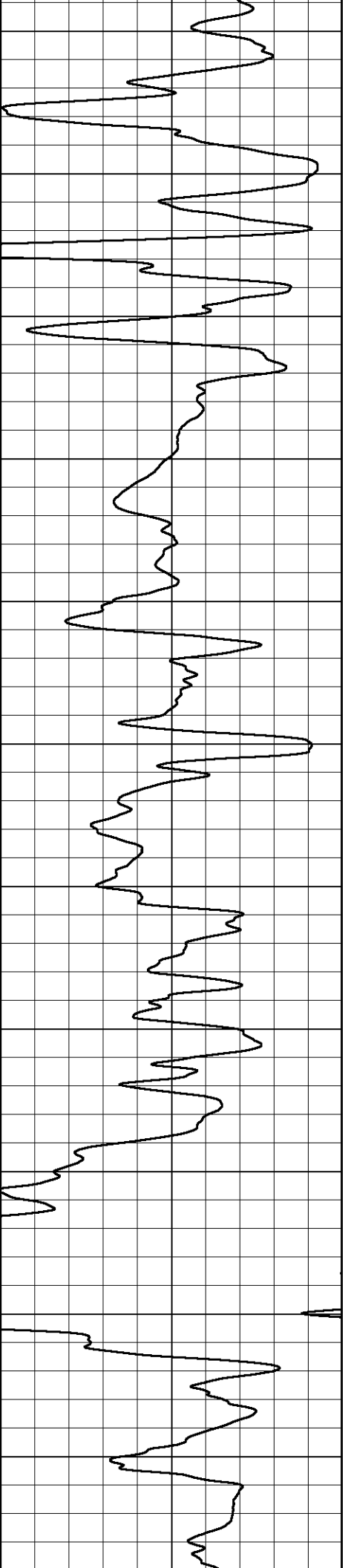
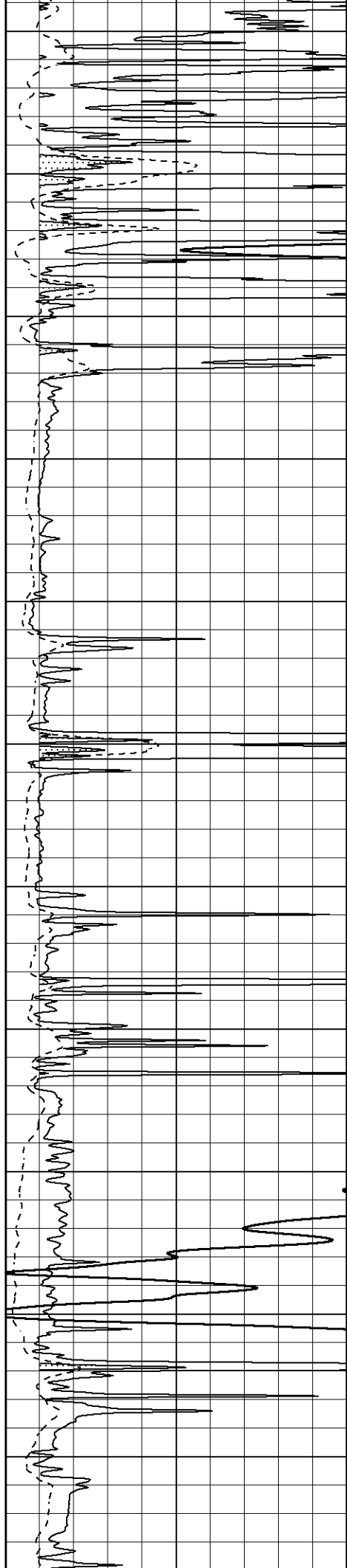
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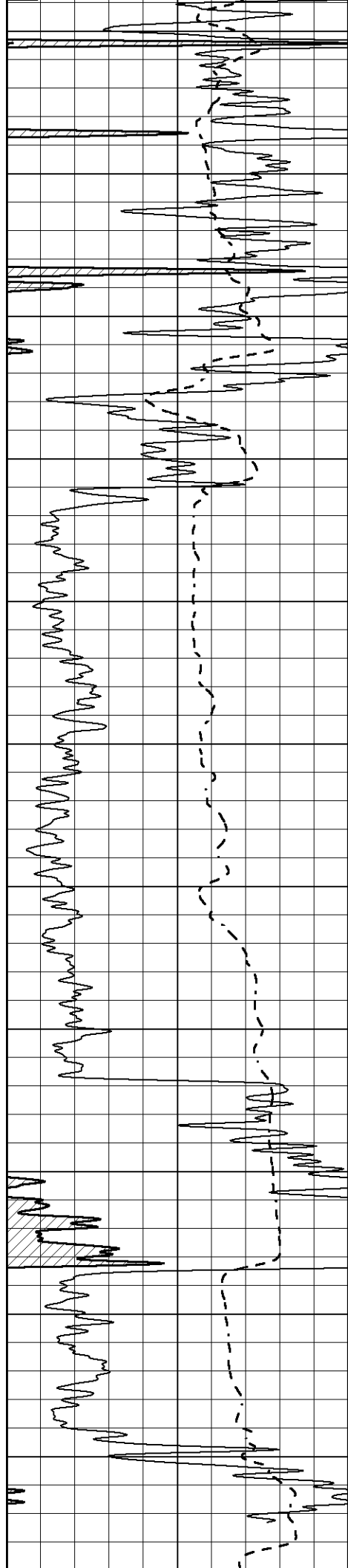
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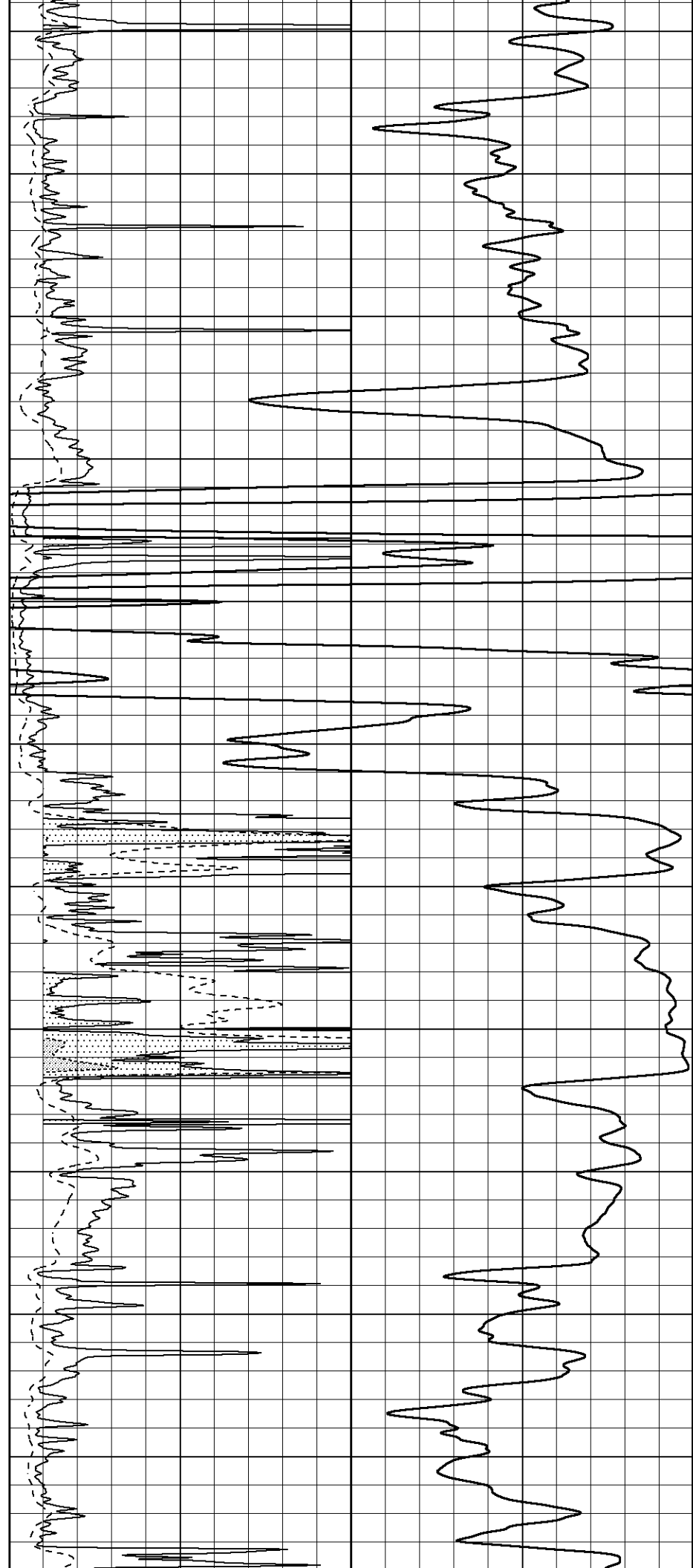
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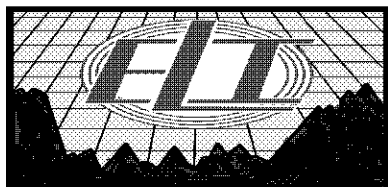
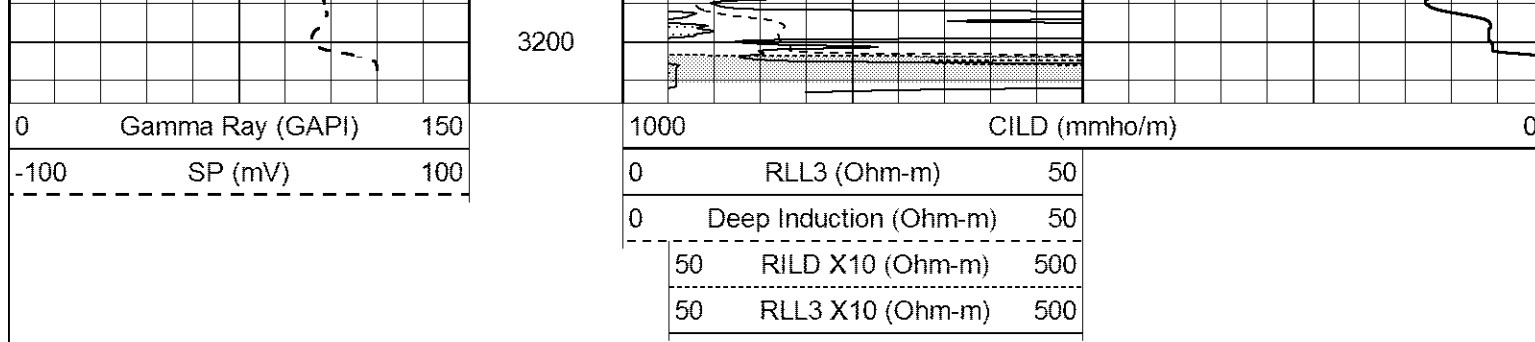
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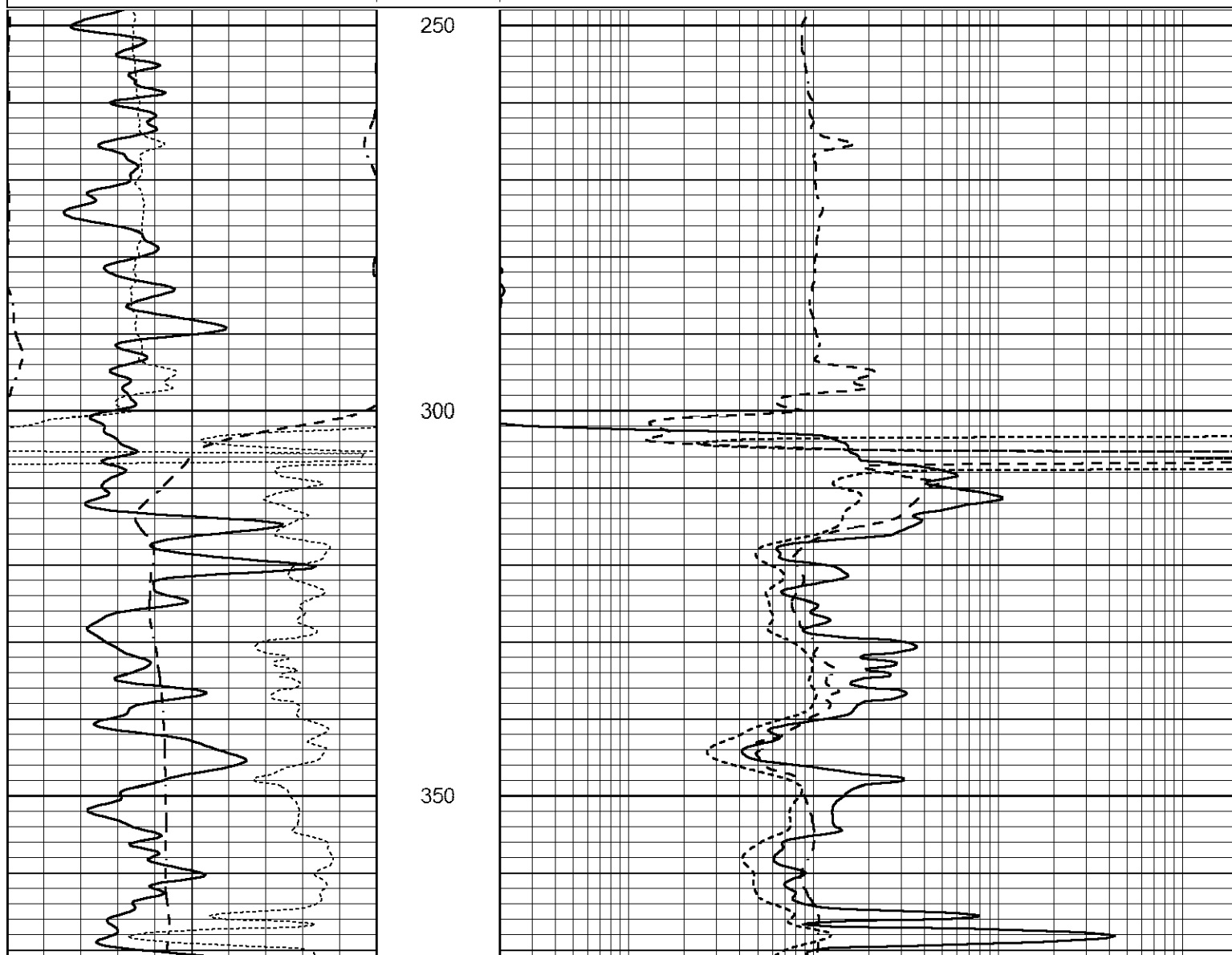


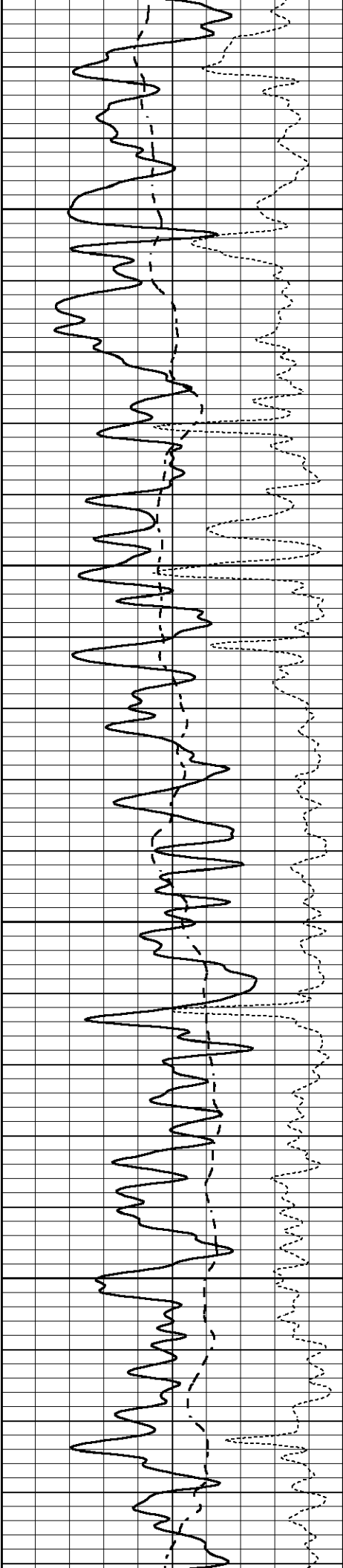


MAIN SECTION

Database File 7388pe.db
 Dataset Pathname pass3M
 Presentation Format _dil
 Dataset Creation Sun Dec 11 07:15:57 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 MEDIUM INDUCTION (Ohm-m) 2000
-250 Rxo/Rt 50	0.2 DEEP INDUCTION (Ohm-m) 2000



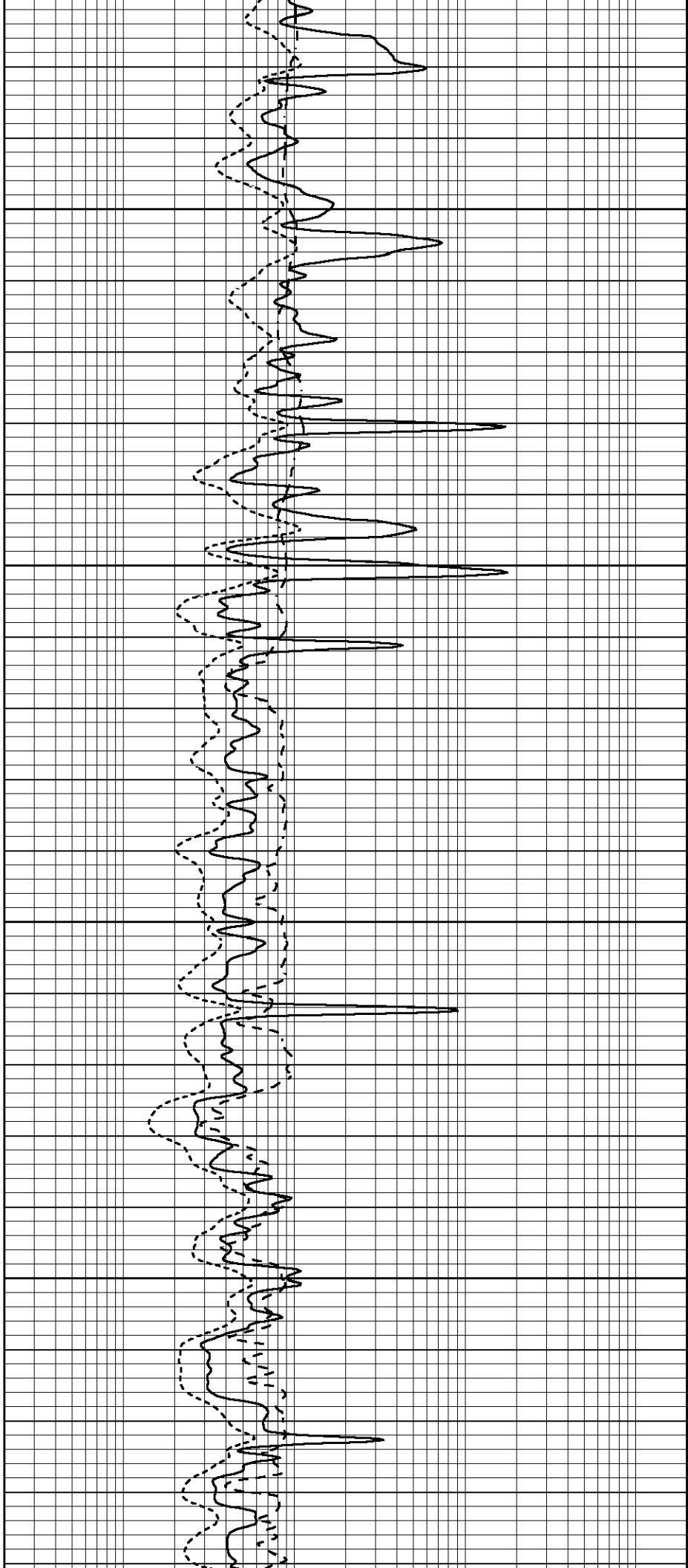


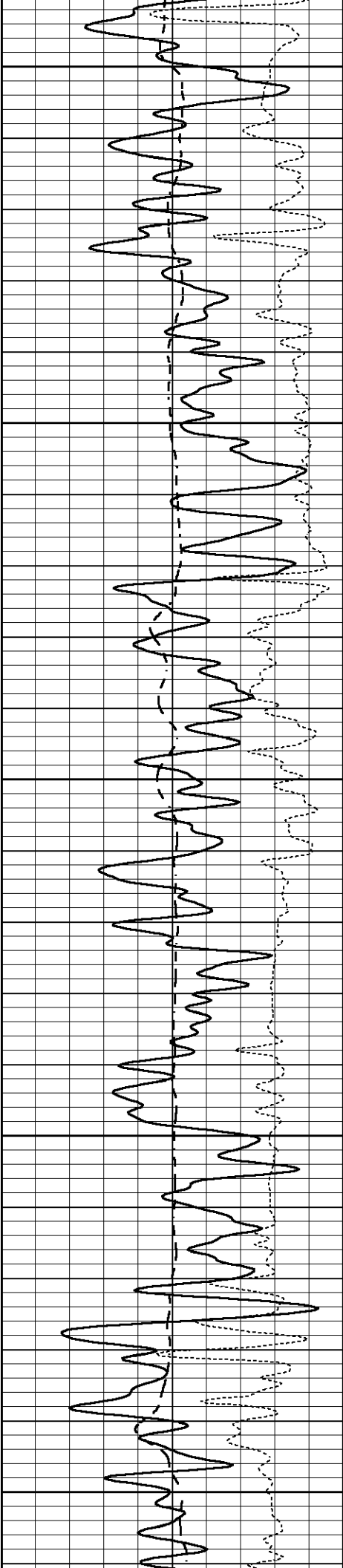
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450

500

550





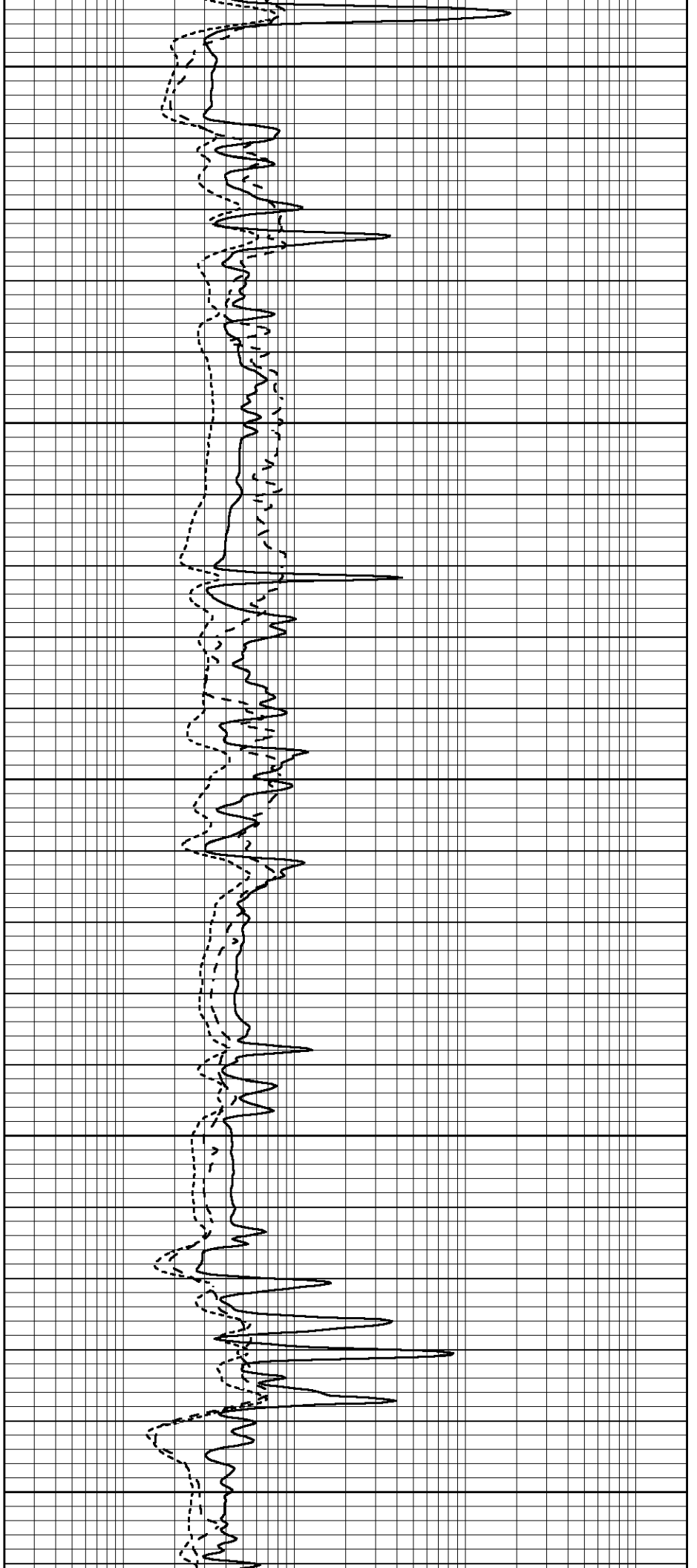
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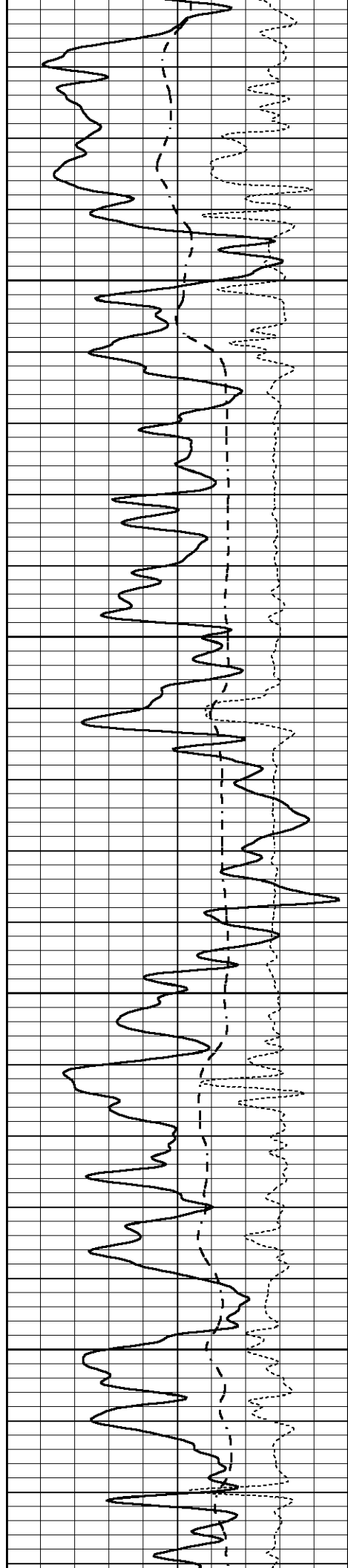
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700

750

800



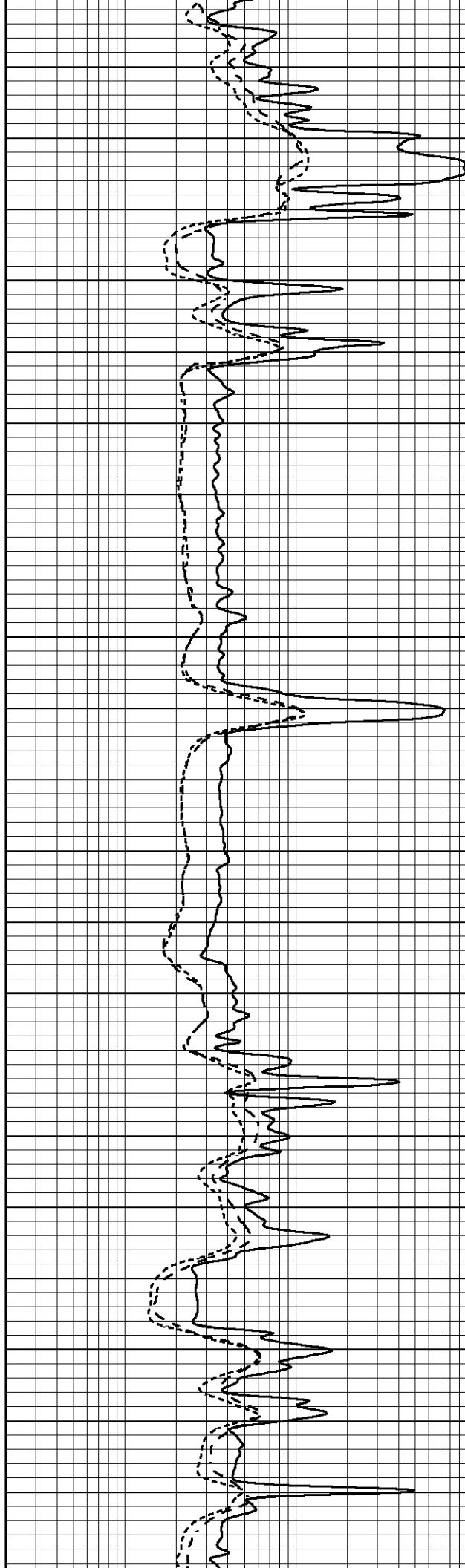


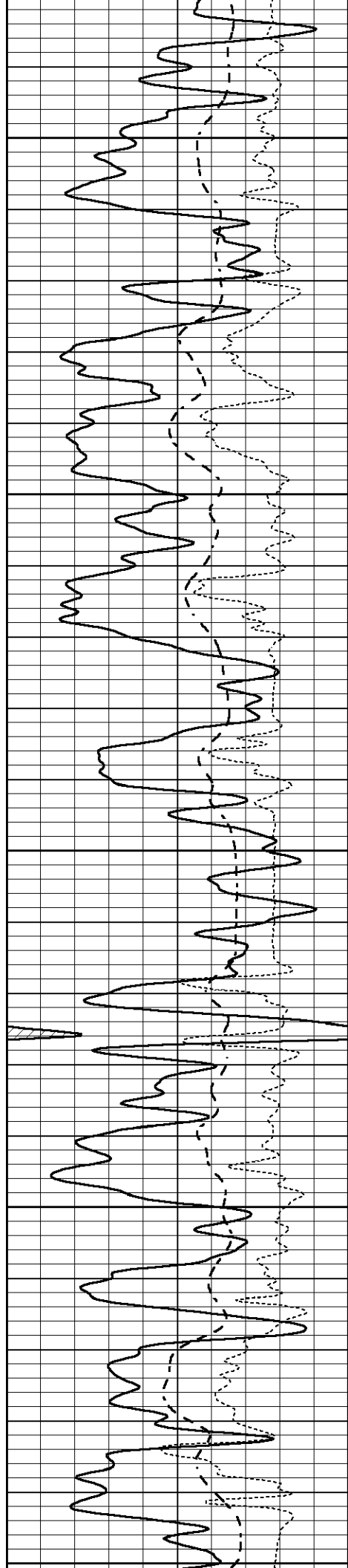
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900

950

1000





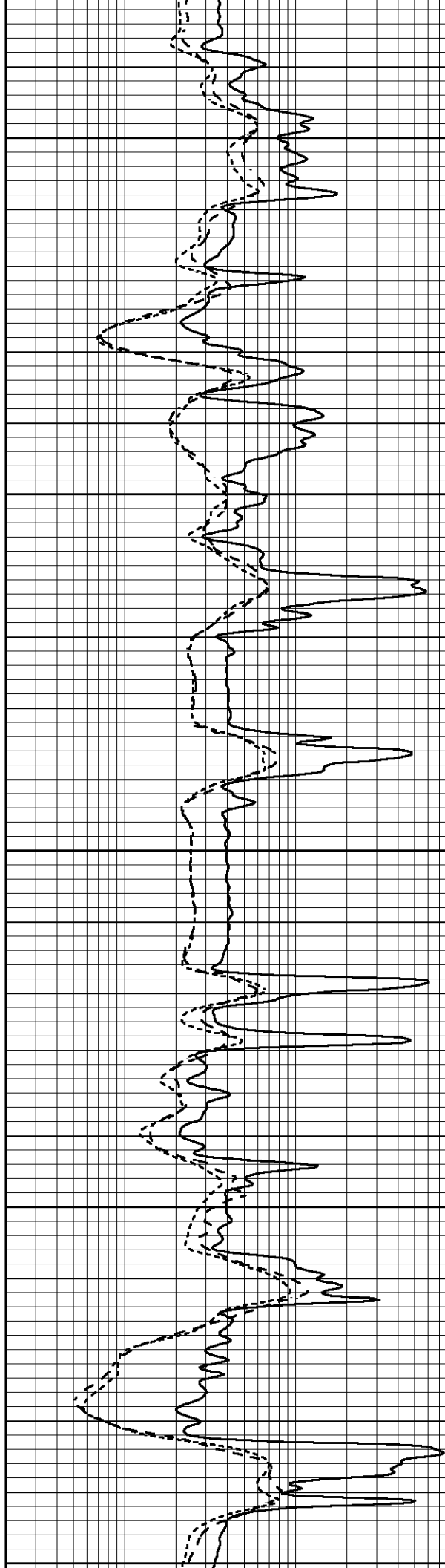
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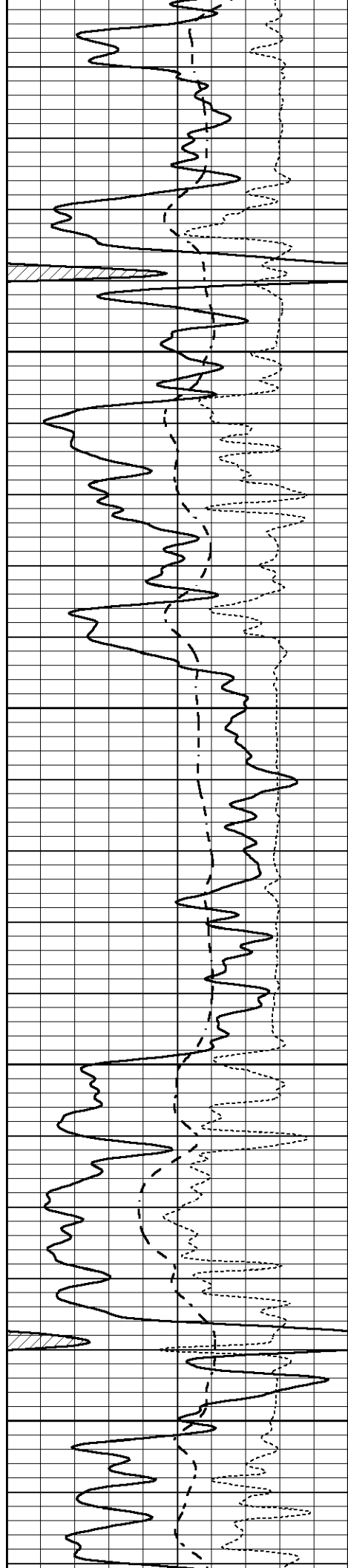
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1200

1250





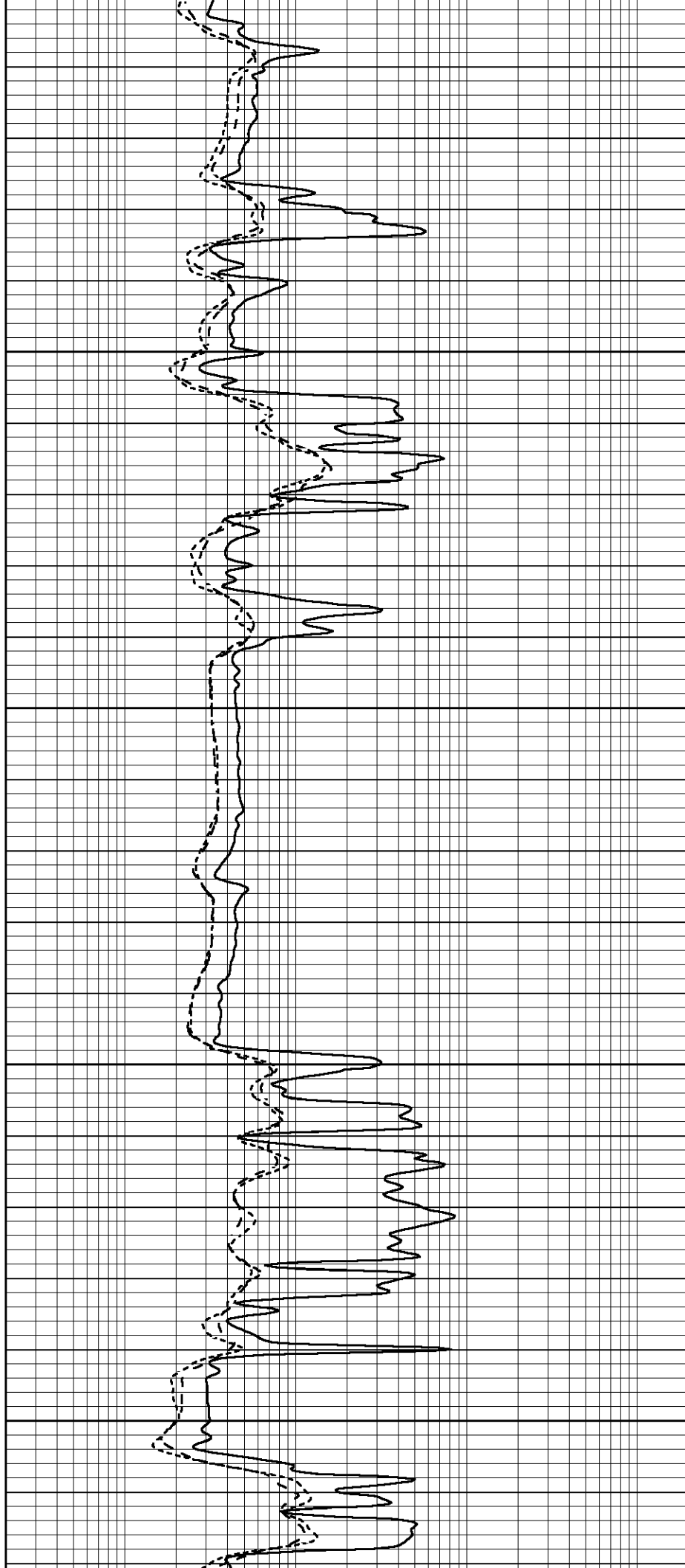
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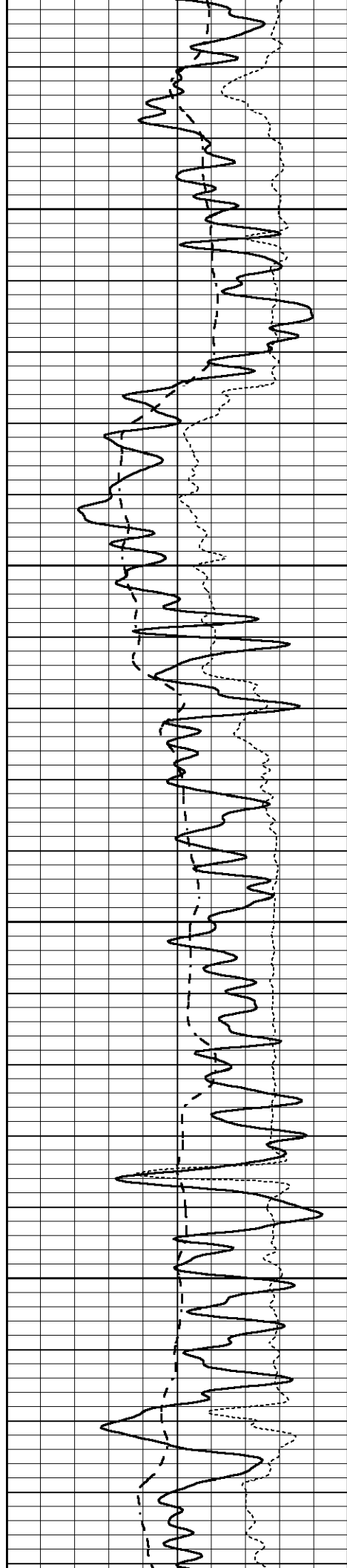
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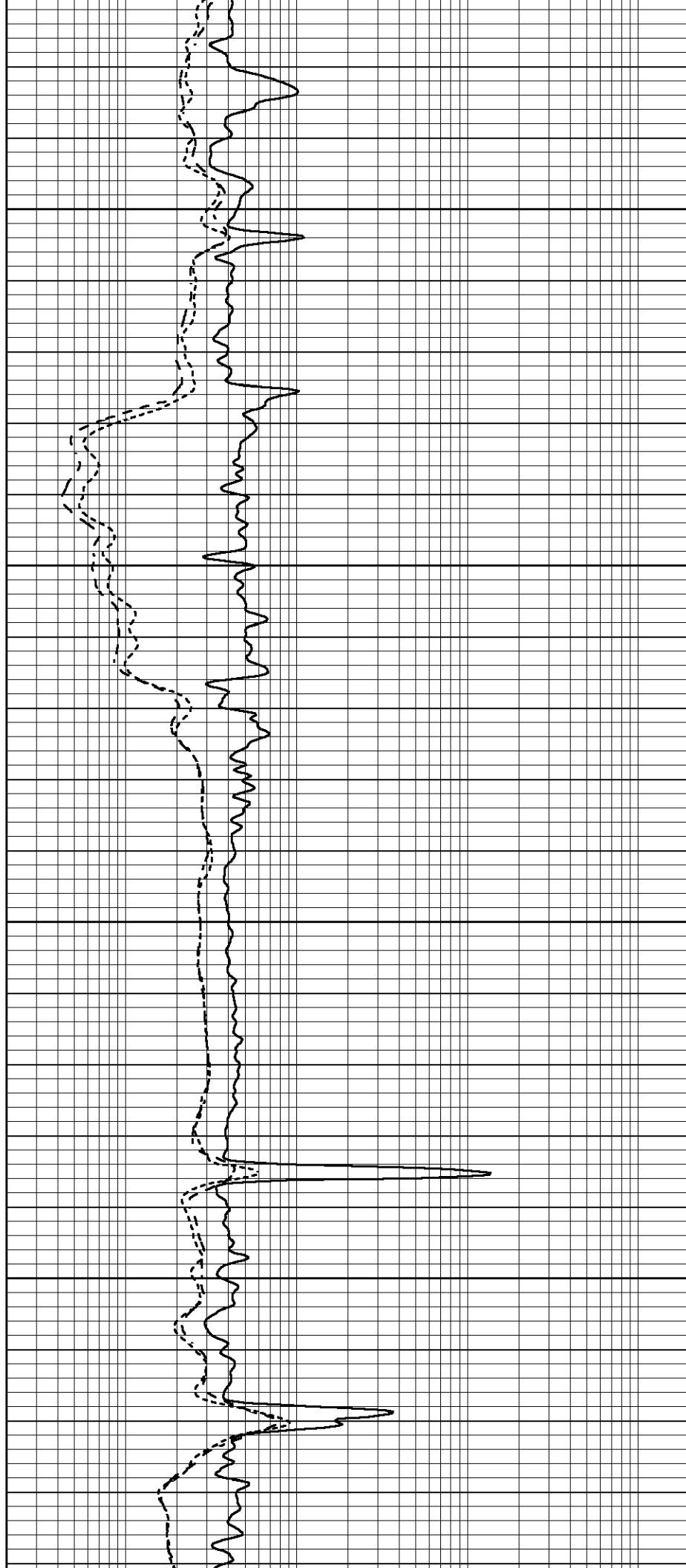


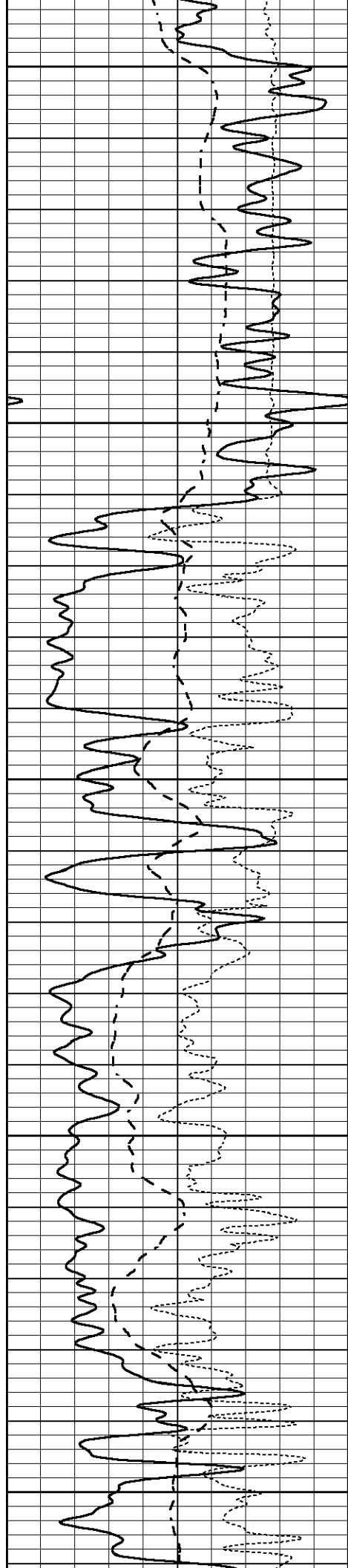
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1650





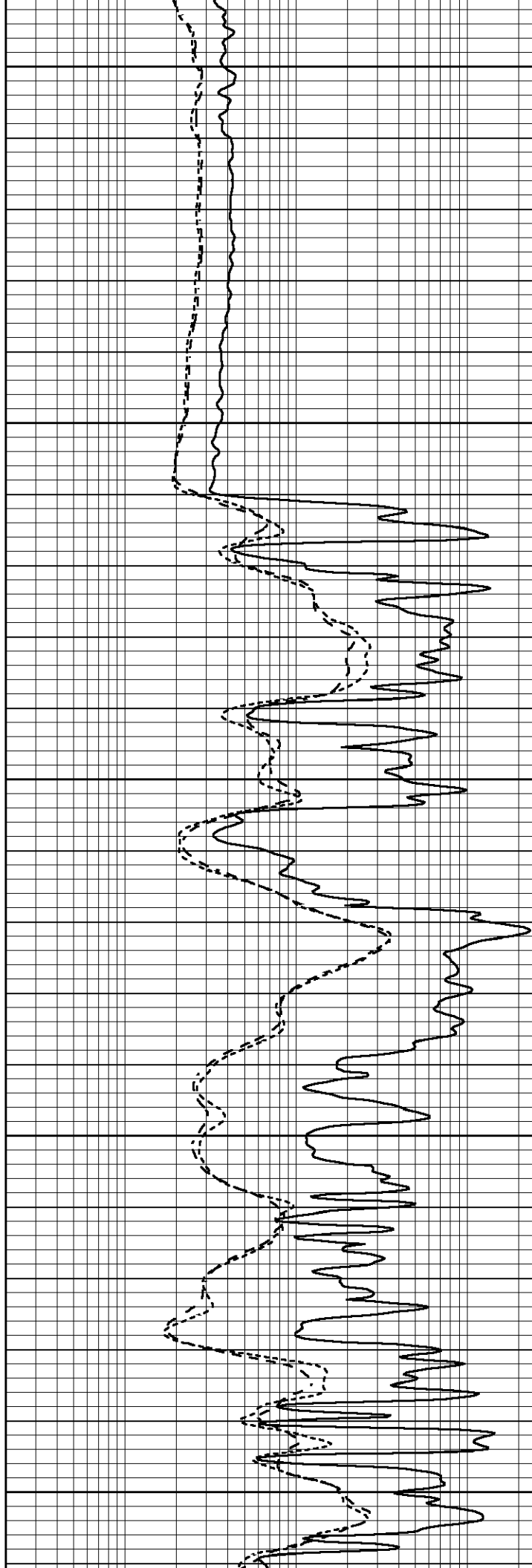
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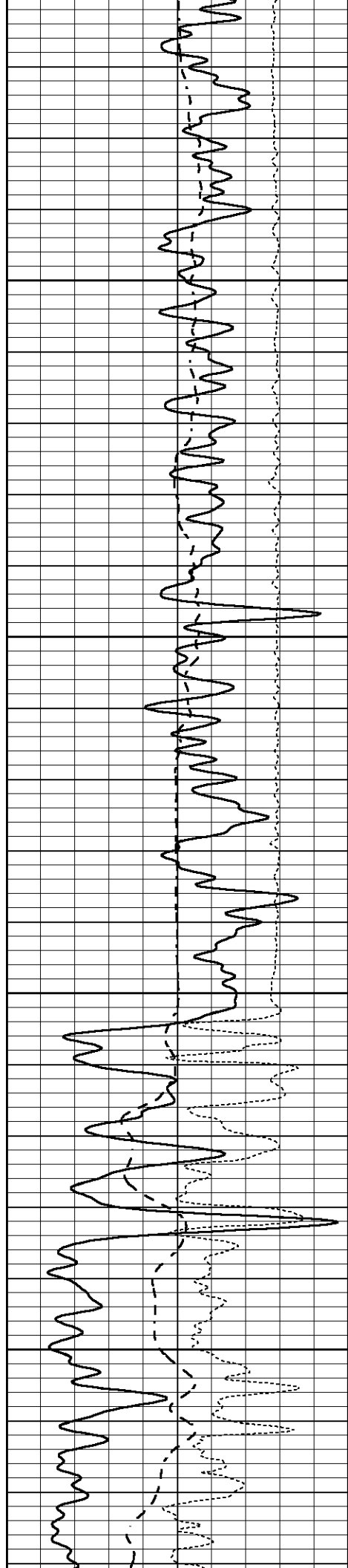
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1900



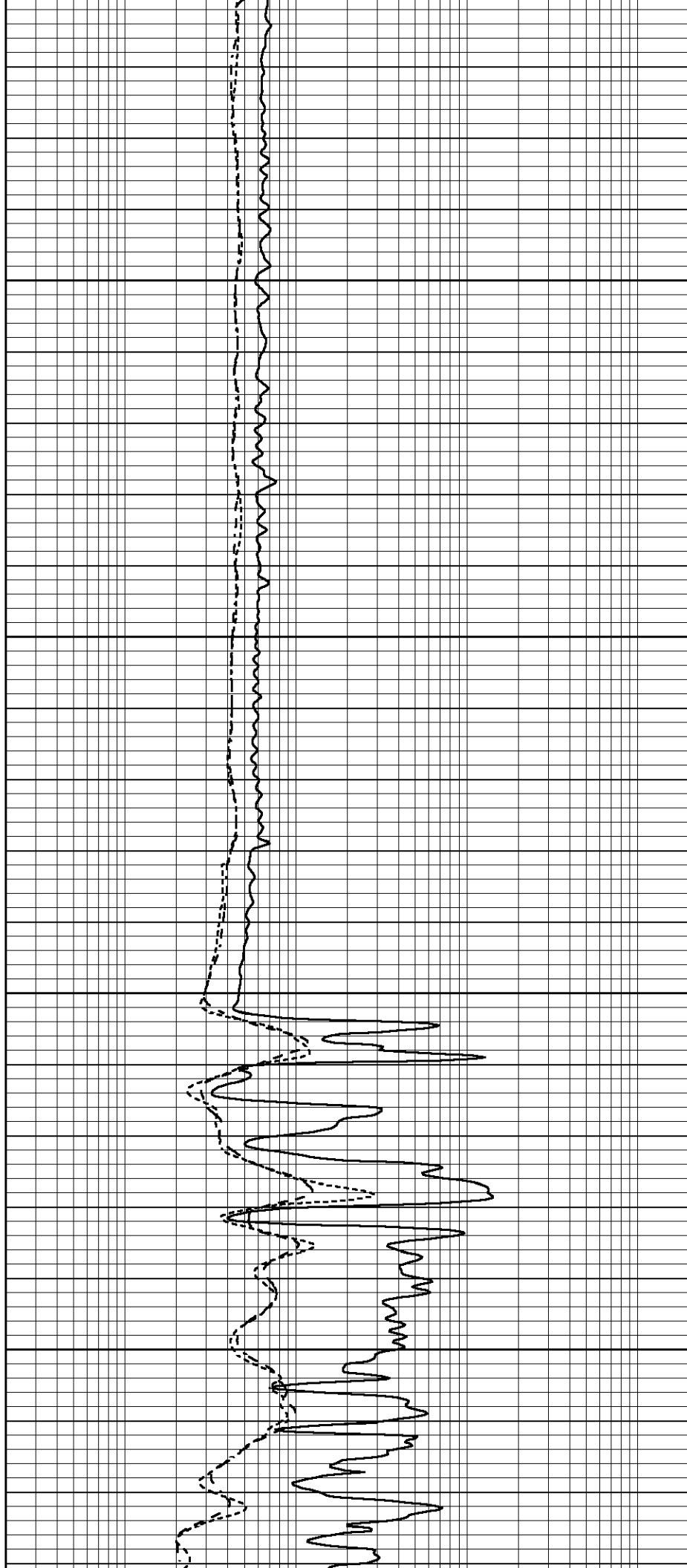


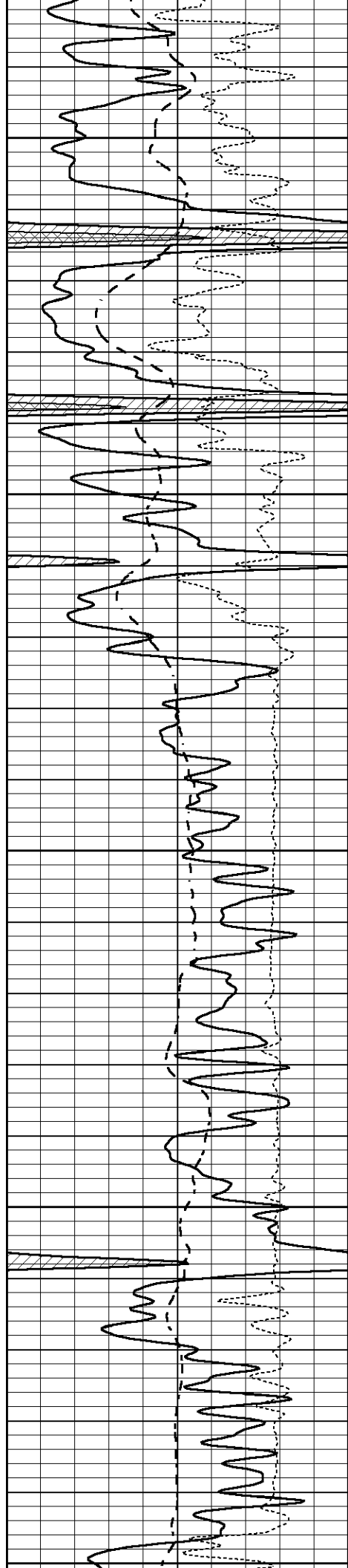
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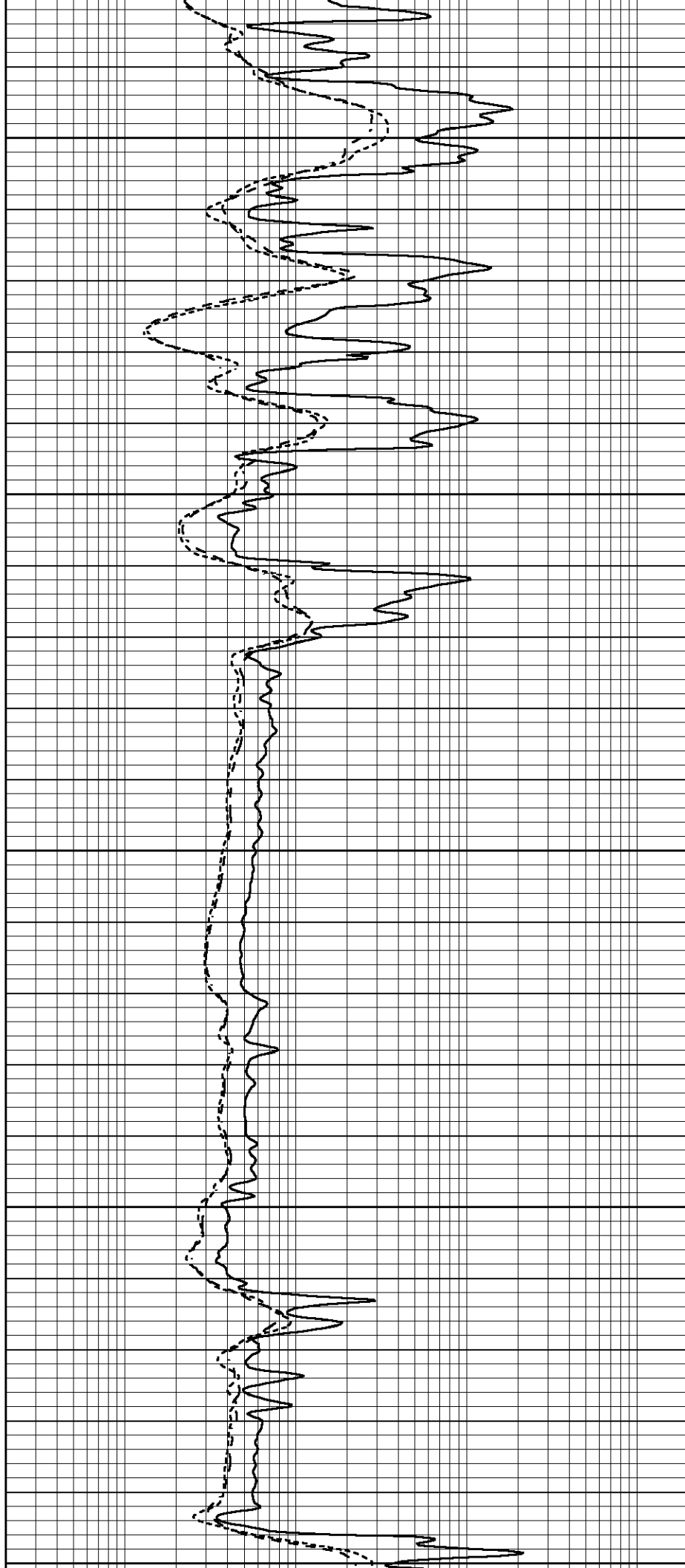
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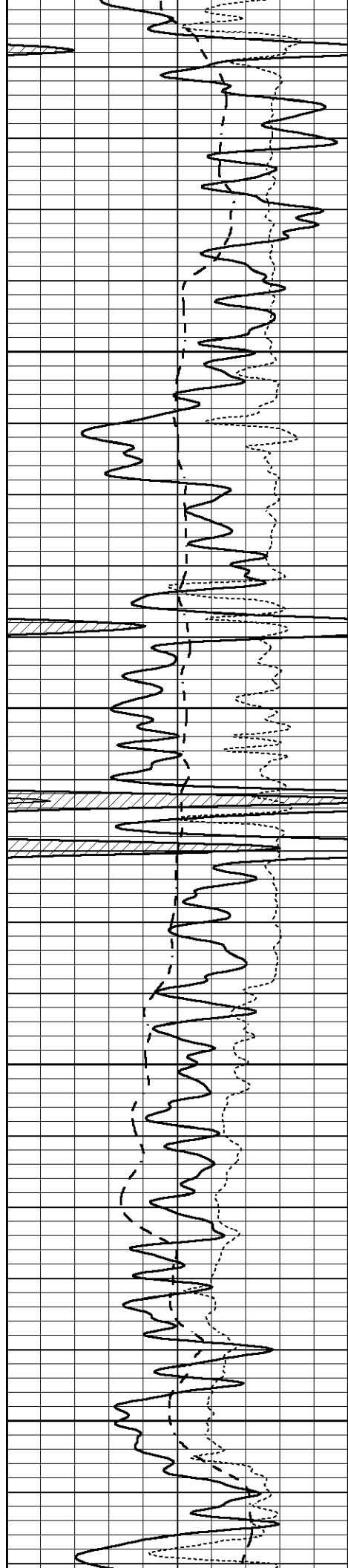
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2250

2300

2350





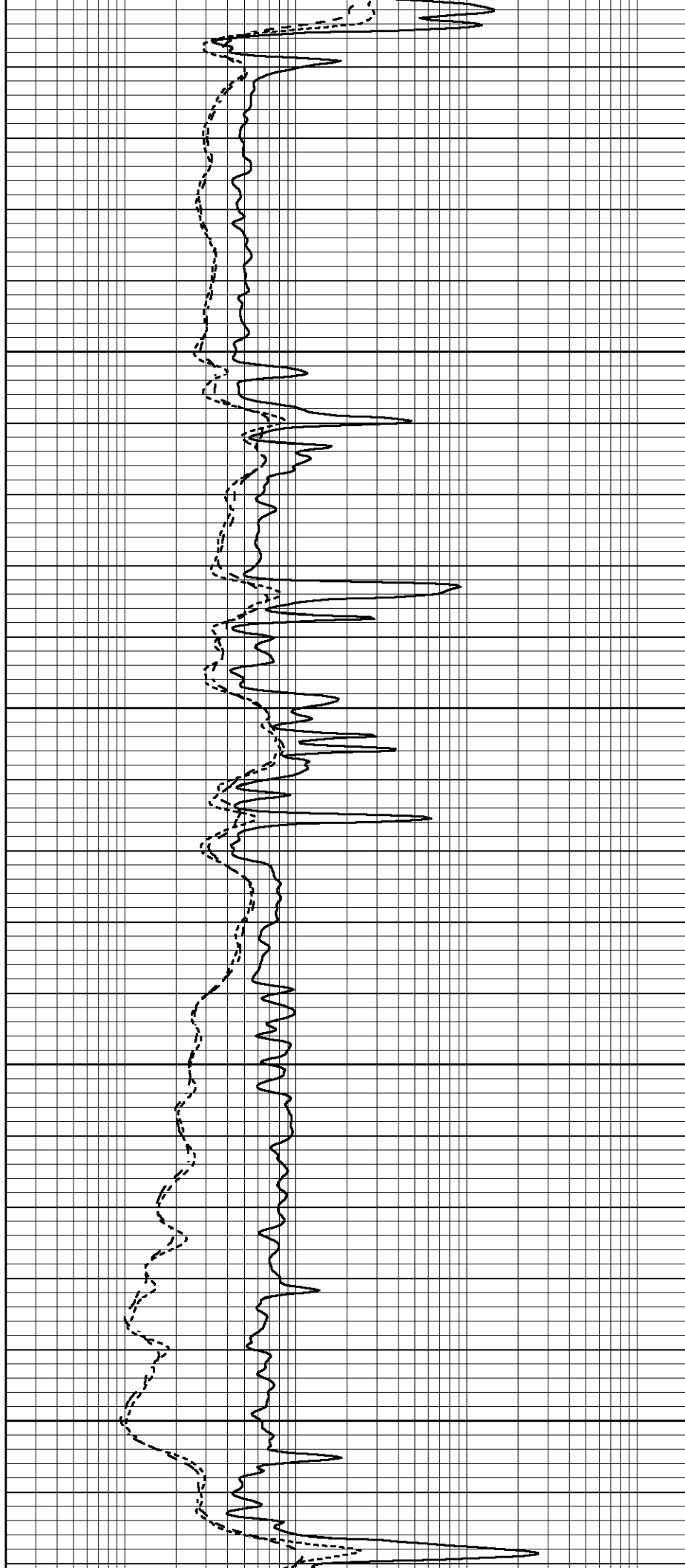
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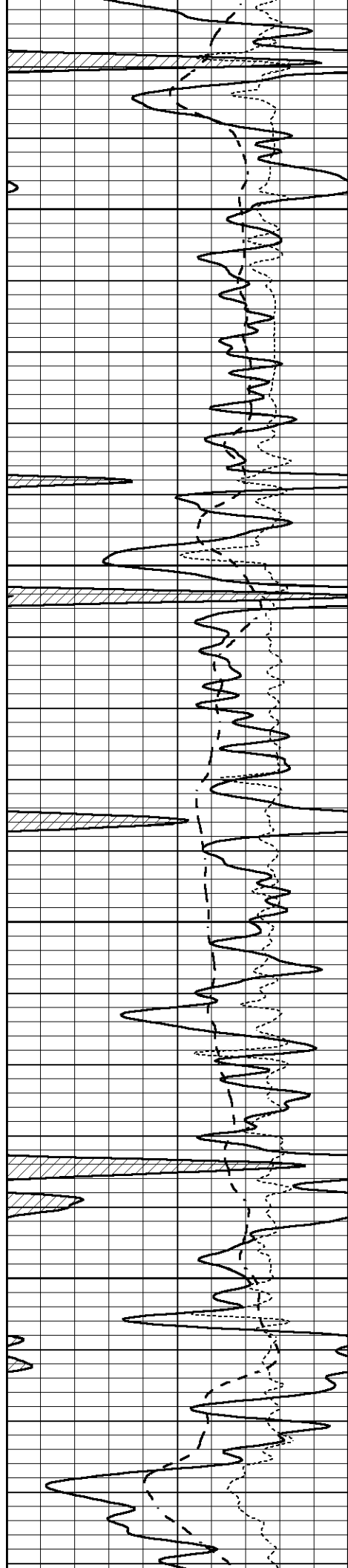
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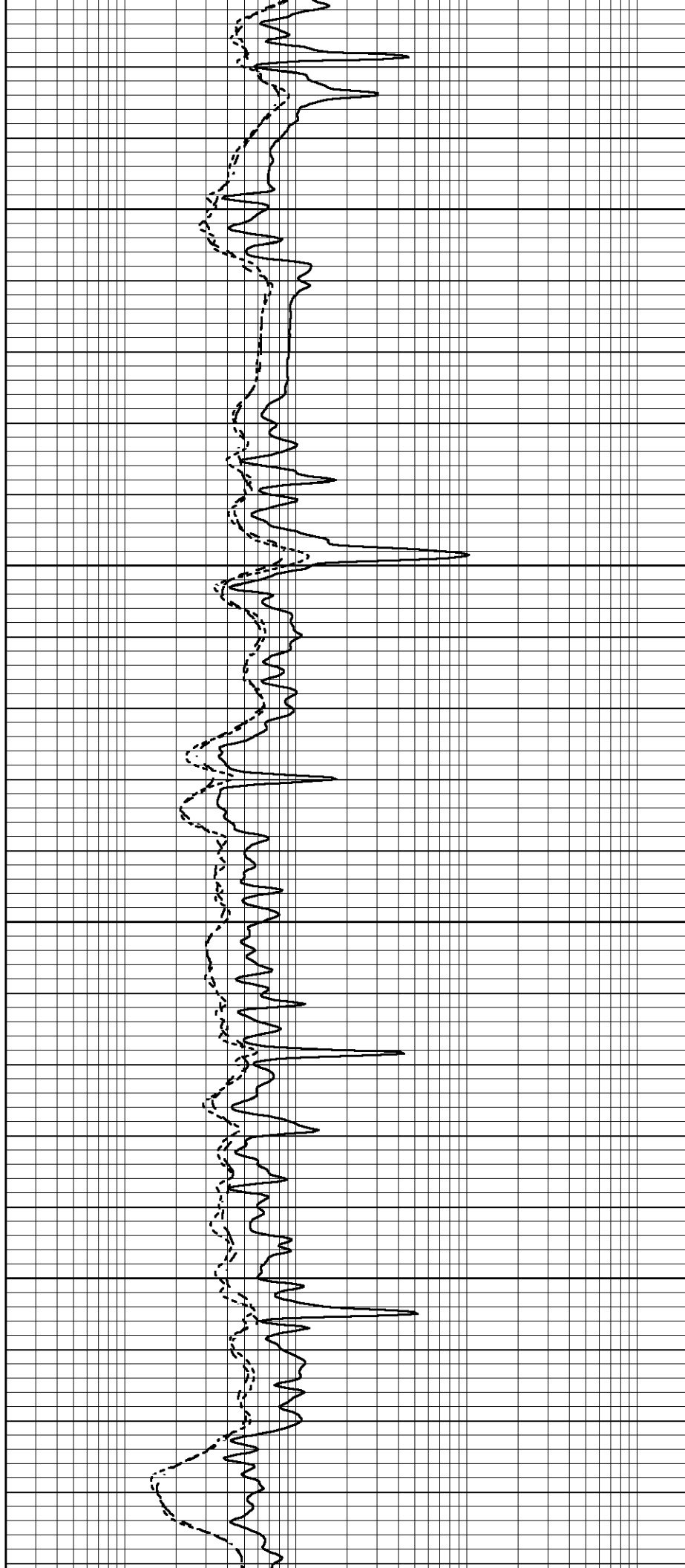


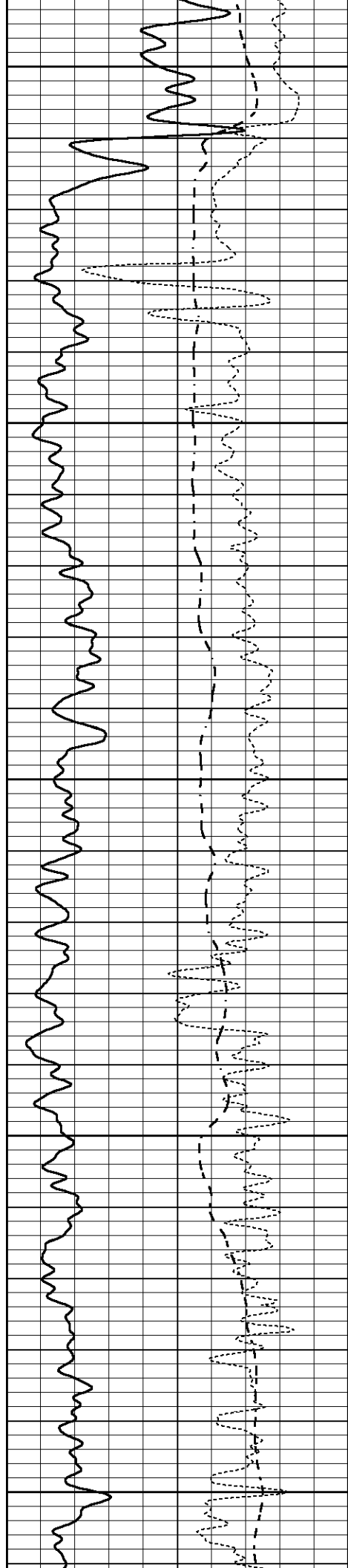
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2700

2750





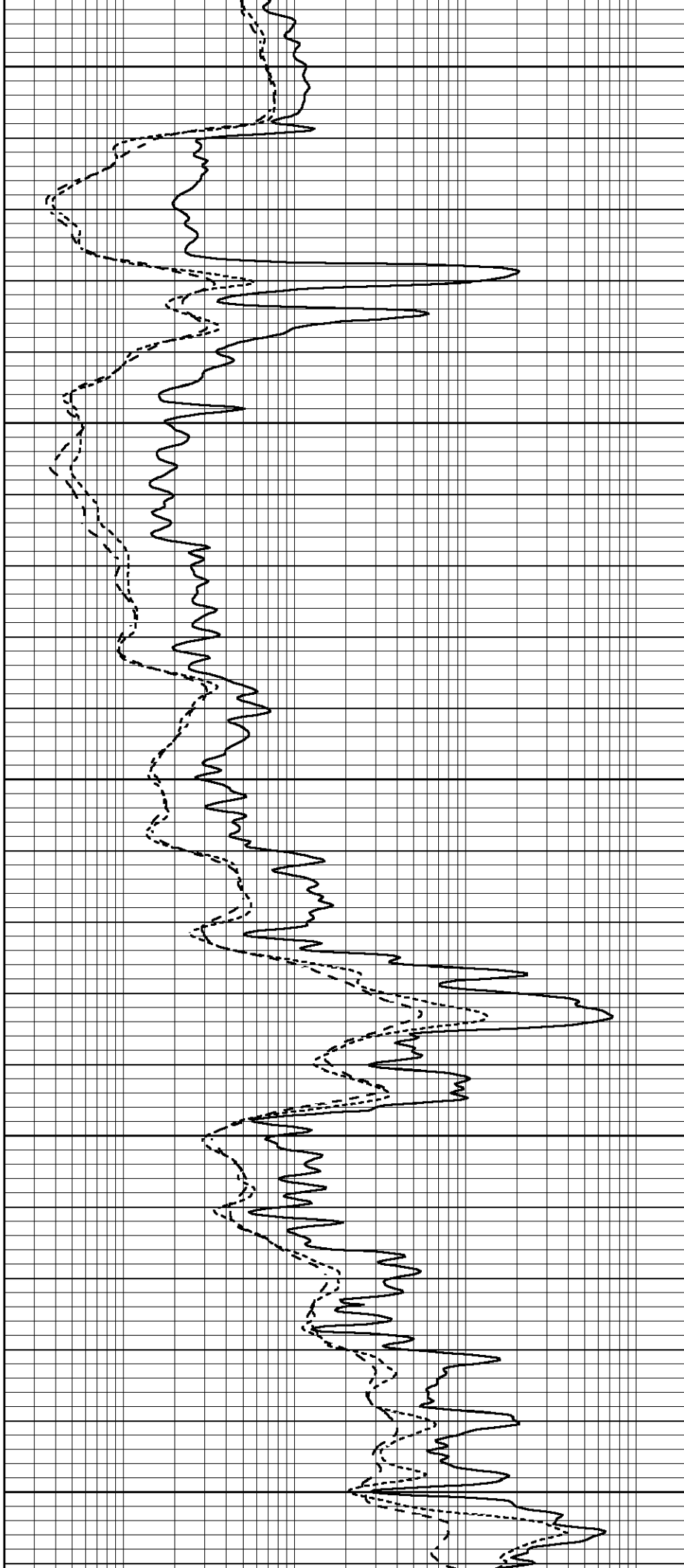
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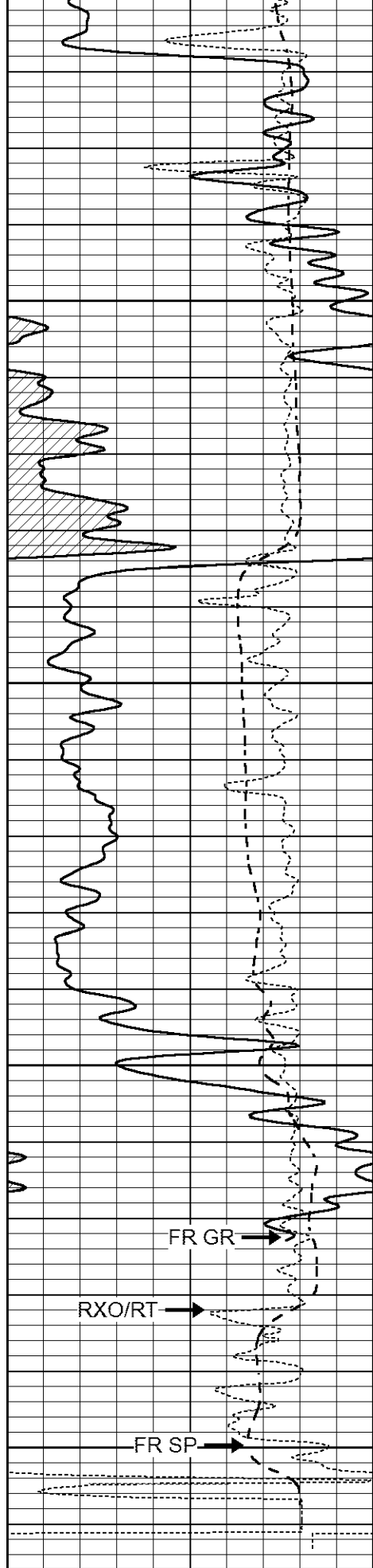
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2900

2950

3000





3050

3100

3150

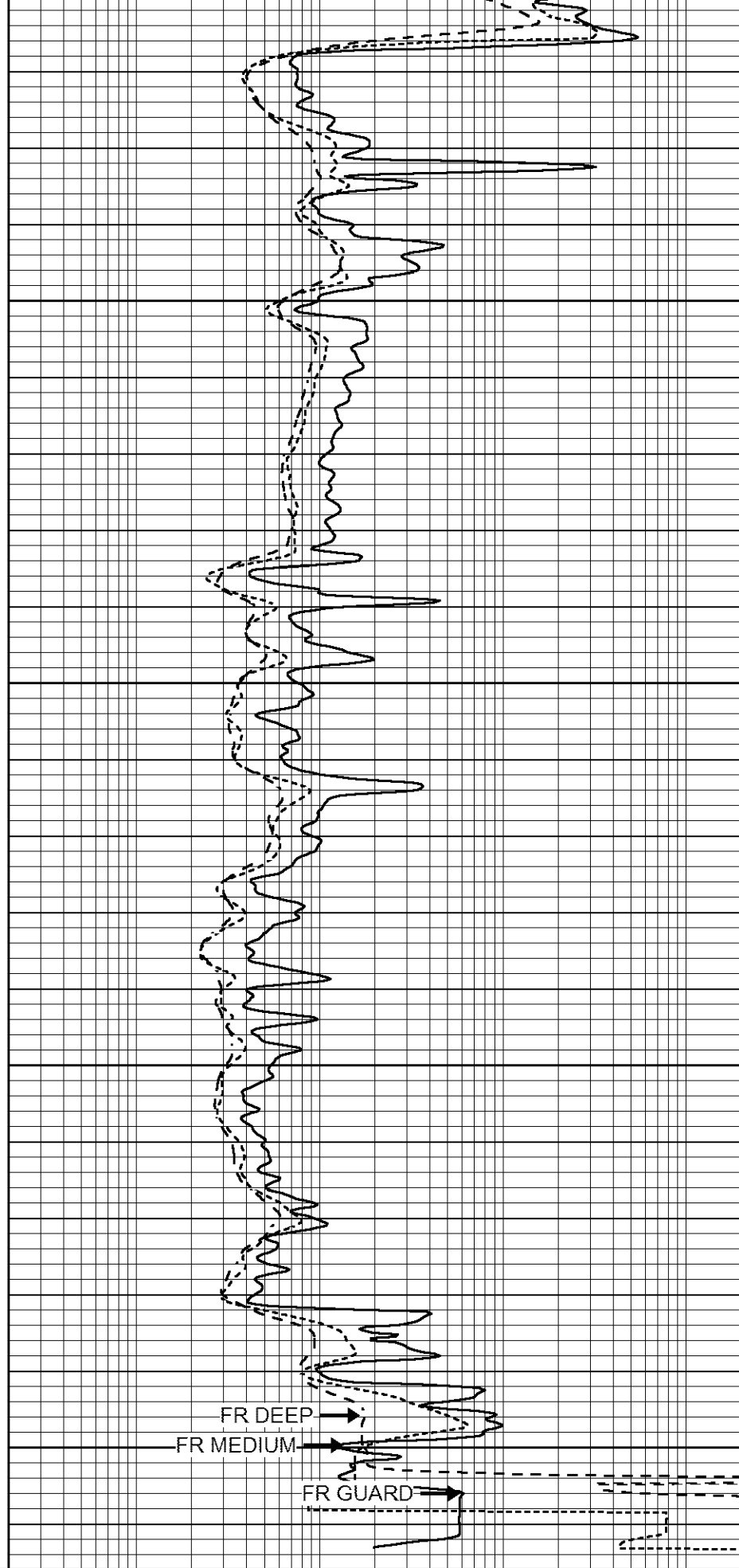
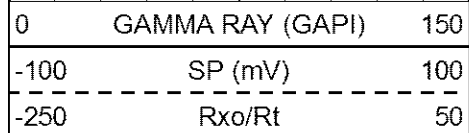
FR GR

RXO/RT

FR SP

3200

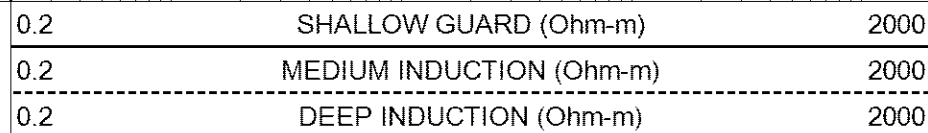
LTD 3208



FR DEEP

FR MEDIUM

FR GUARD



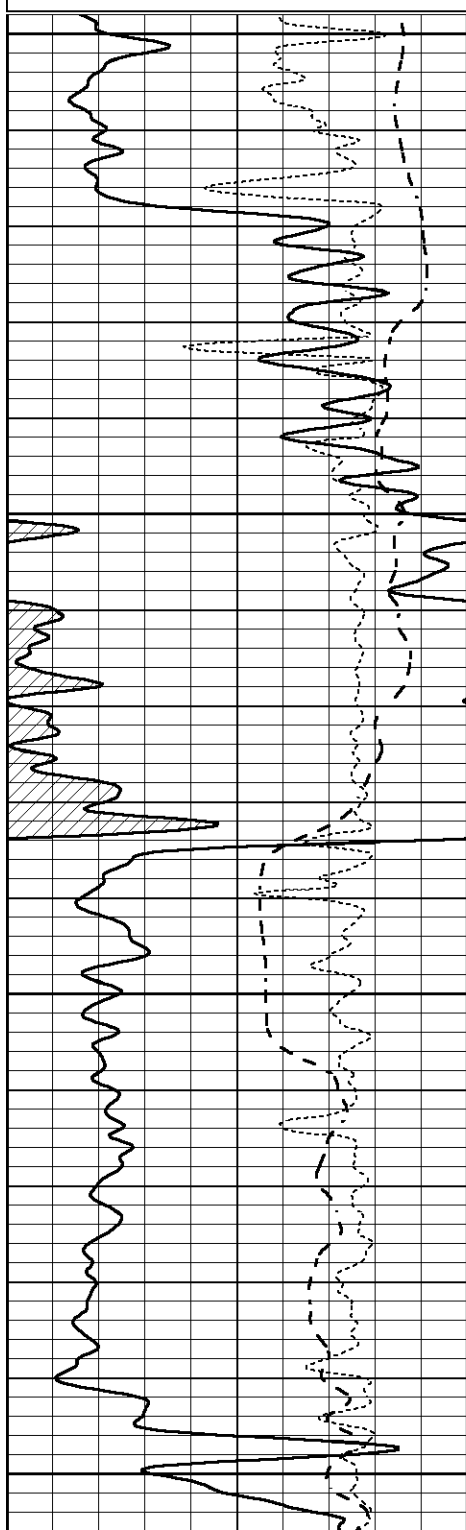


REPEAT SECTION

Database File 7388pe.db
Dataset Pathname pass2R
Presentation Format _dil
Dataset Creation Sun Dec 11 05:58:27 2022
Charted by Depth in Feet scaled 1:240

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

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

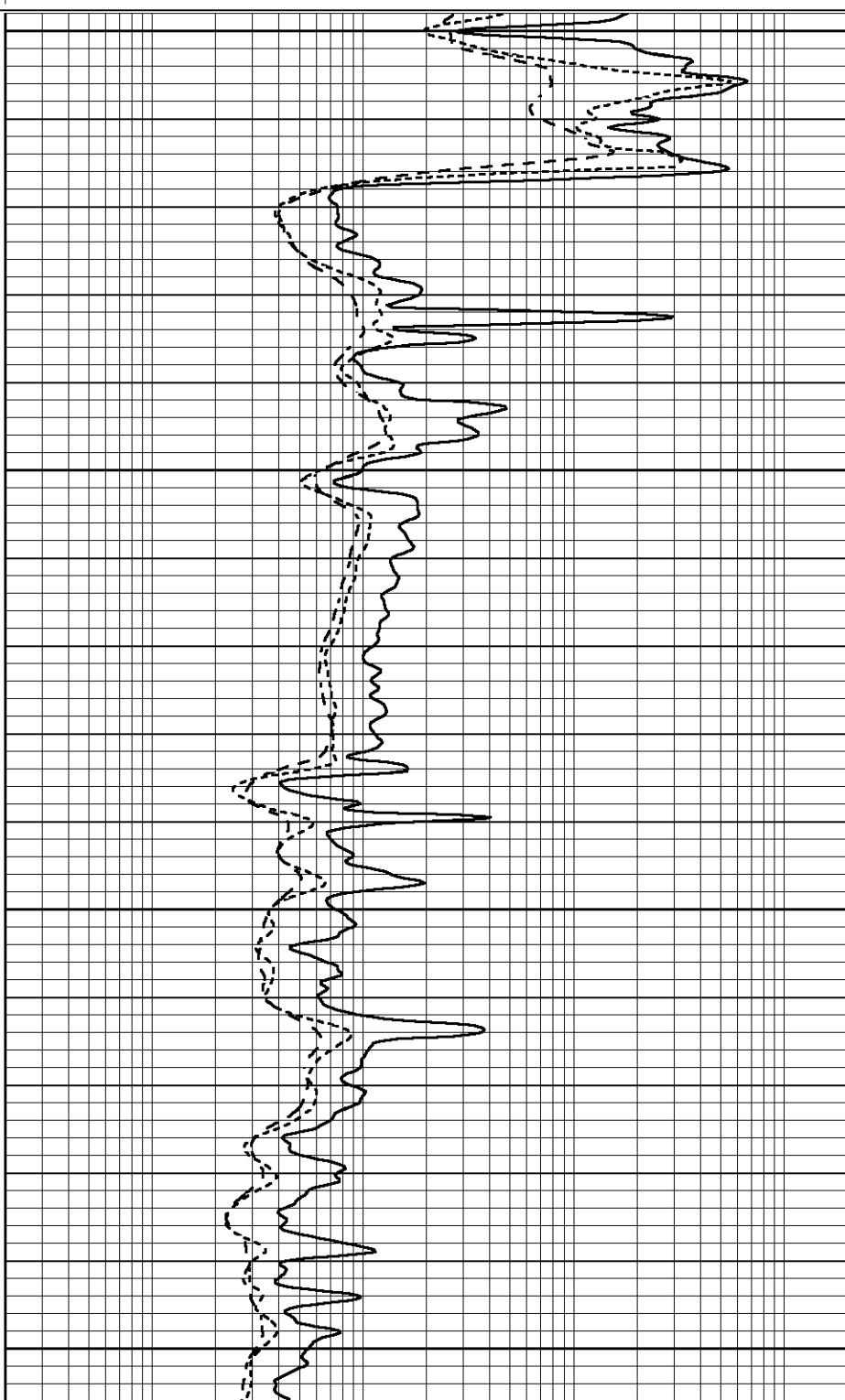


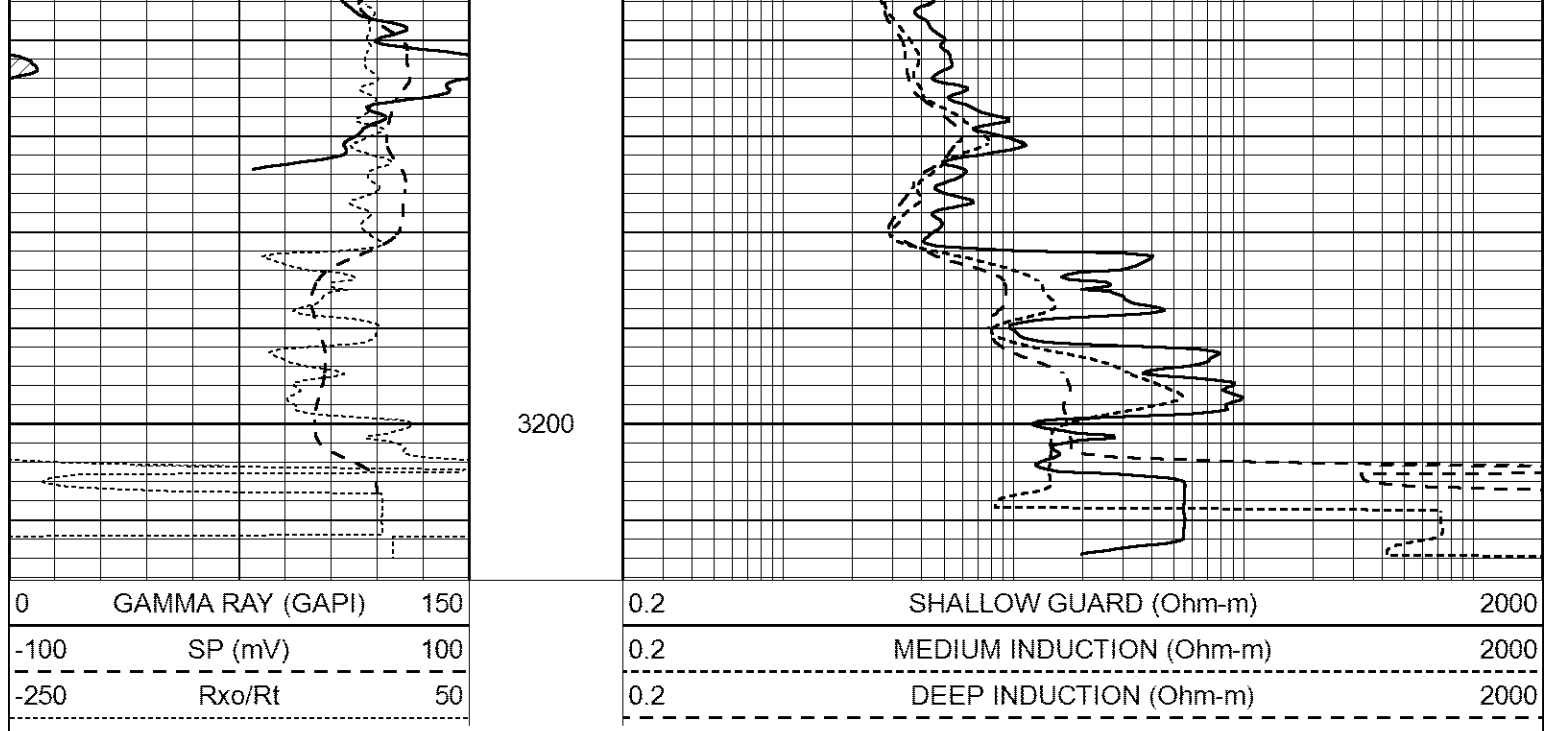
3000

3050

3100

3150





Calibration Report									
Database File	7388pe.db								
Dataset Pathname	pass3M								
Dataset Creation	Sun Dec 11 07:15:57 2022								
Dual Induction Calibration Report									
Serial-Model:		FW1410-56-Probe							
Surface Cal Performed:		Sat Dec 10 22:45:56 2022							
Downhole Cal Performed:		Tue Jul 25 12:15:37 2017							
After Survey Verification Performed:		Tue Jul 25 12:15:38 2017							
Surface Calibration									
Readings				References			Results		
Loop:	Air	Loop		Air	Loop		m	b	
Deep	0.008	0.765	V	1.000	400.000	mmho/m	580.000	-3.000	
Medium	-0.056	0.761	V	1.000	464.000	mmho/m	630.000	106.000	
Internal:	Zero	Cal		Zero	Cal		m	b	
Deep	0.005	0.624	V	0.000	400.000	mmho/m	645.611	-3.034	
Medium	0.012	0.721	V	0.000	464.000	mmho/m	653.591	-7.532	
Downhole Calibration									
Readings				References			Results		
	Zero	Cal		Zero	Cal		m'	b'	
Deep	-0.647	301.329	mmho/m	-0.780	336.378	mmho/m	1.117	-0.058	
Medium	38.256	411.013	mmho/m	39.046	441.706	mmho/m	1.080	-2.280	
LL3		7.471	V		2500.000	Ohm-m			
		0.001	V		20.000	Ohm-m			
		-7.085	V		4000.000	mmho-m			
After Survey Verification									
Readings				Targets			Results		
	Zero	Cal		Zero	Cal		m'	b'	
Deep	0.000	0.000	mmho/m	-0.647	301.329	mmho/m	1.000	0.000	
Medium	0.000	0.000	mmho/m	38.256	411.013	mmho/m	1.000	0.000	

Medium	0.000	0.000	mmho-m	30.250	411.010	mmho-m	1.000	0.000
LL3		0.000	Ohm-m		1500.000	Ohm-m		
		0.000	Ohm-m		20.000	Ohm-m		
		0.000	mmho-m		3745.000	mmho-m		

Litho Density Calibration Report
Serial: 005 Model: Litho_Ver3

Master Calibration		Performed Fri May 13 13:54:56 2022						
	Background	Magnesium	Aluminum	Aluminum+Fe				
Window 1	1363.1	46477.8	11515.9	9589.9	cps			
Window 2	1239.4	36488.4	9270.1	7998.9	cps			
Window 3	1044.3	20488.1	5500.7	4913.3	cps			
Window 4	315.7	358.7	321.5	319.5	cps			
Long Space	0.0	35249.0	8030.7	6759.4	cps			
Short Space	1.4	9675.7	6523.4	5391.9	cps			
Rho		1.7100	2.5900	0.0000	g/cc			
Pe		2.0000	2.7500	5.7900				
Rib Angle	: 45.1	Rib Slope	: 1.003	Density/Spine Ratio	: 0.575			
Spine Angle	: 75.1	Spine Slope	: 3.752	Spine Intercept	: -24.0			

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

Serial Number:	080621PMC
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:	7		
Tool Model:	Probe1		
Performed:	Thu May 26 08:56:46 2022		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	1.0	cps	
Sensitivity:	0.5500	GAPI/cps	