



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

DUAL INDUCTION LOG

Company		FALCON EXPLORATION, INC.	
Well		CIRCLE "N" TRUST #1-6 (SE)	
Field		COLUSA SOUTH	
County		GRAY	
State		KANSAS	
Location:		API # : 15-069-20481-0000	
Permanent Datum		GROUND LEVEL	
Log Measured From		1850' FSL & 2175' FEL	
Drilling Measured From		NE - SW - NW - SE	
SEC 6		TWP 28S	
RGE		30W	
Other Services		CDL/CNL/PE	
Elevation		MEL/SONIC	
K.B. 2839		Elevation	
D.F. 2837		2828	
G.L. 2828			
Date	9/3/14		
Run Number	ONE		
Depth Driller	5450		
Depth Logger	5450		
Bottom Logged Interval	5448		
Top Log Interval	00		
Casing Driller	8 5/8" @ 1840'		
Casing Logger	1840		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 2,500 PPM	
Density / Viscosity	9.0/42		
pH / Fluid Loss	10.5/8.4		
Source of Sample	FLOWLINE		
Rin @ Meas. Temp	.800 @ 100F		
Rinf @ Meas. Temp	.600 @ 100F		
Rinc @ Meas. Temp	.960 @ 100F		
Source of Rinf / Rinc	MEASUREMENT		
Rin @ BHT	.620 @ 129F		
Time Circulation Stopped	3 HOURS		
Time Logger on Bottom	1:30 P.M.		
Maximum Recorded Temperature	129F		
Equipment Number	4854		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	KEITH REAVIS		

<<< Fold Here >>>

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 "NABORS" HAYS, KANSAS (785) 628-6395
DIRECTIONS
COPELAND, KS., 7N. ON BLKTOP, 1/2W., S. INTO

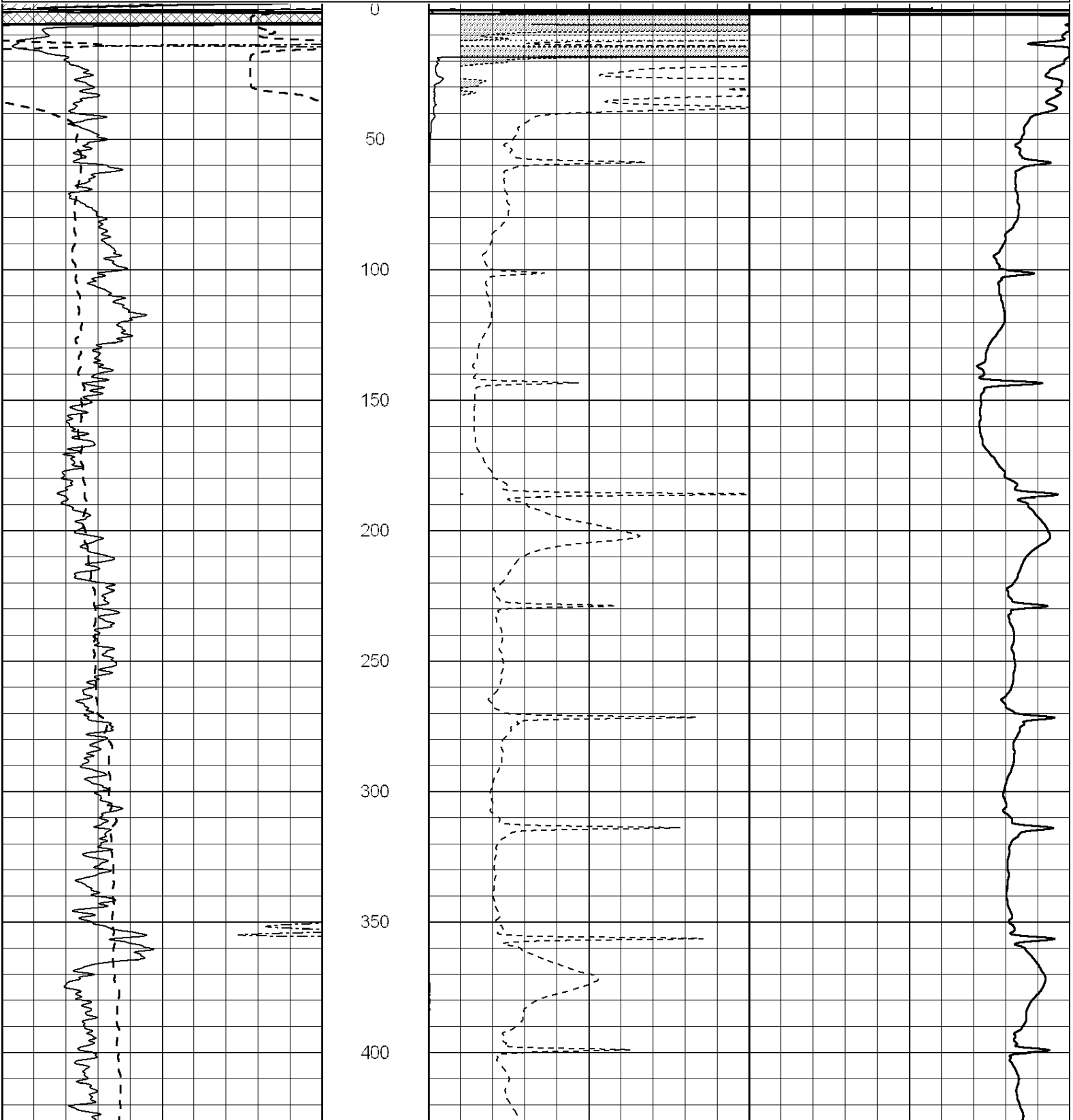


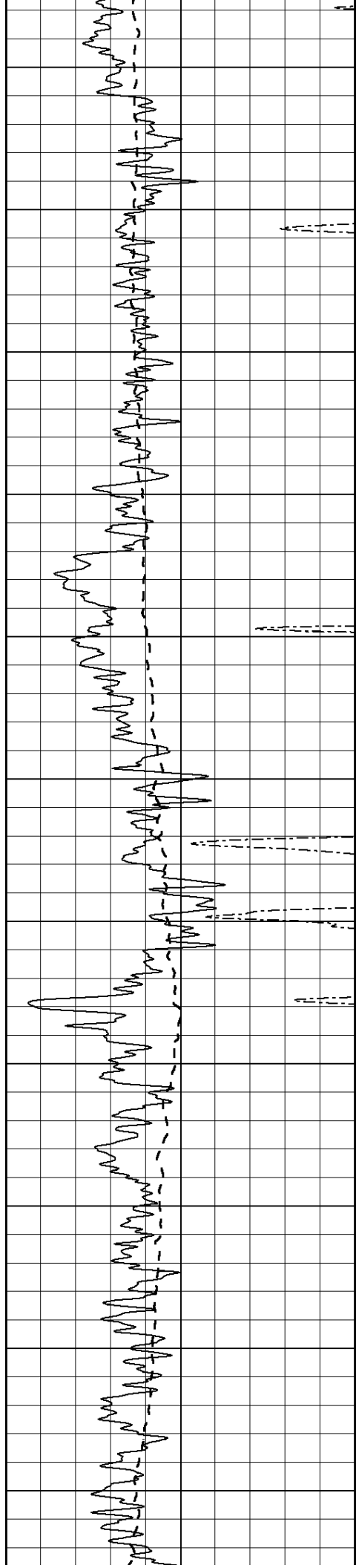
**COMPLETION
& PRODUCTION**

MAIN SECTION

Database File: 25875pe.db
Dataset Pathname: pass3.7
Presentation Format: dil2
Dataset Creation: Wed Sep 03 15:50:04 2014 by Calc SOC 120430
Charted by: Depth in Feet scaled 1:600

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





450

500

550

600

650

700

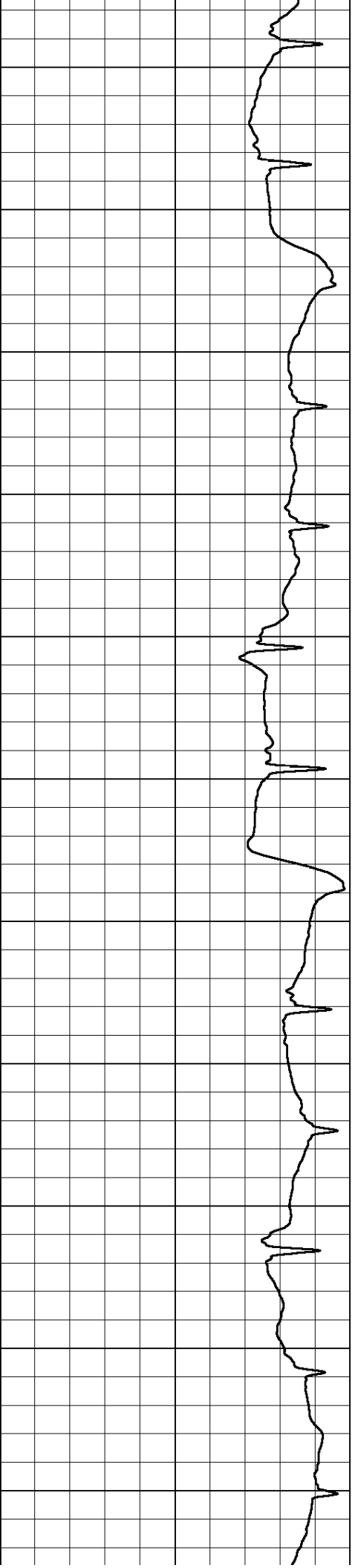
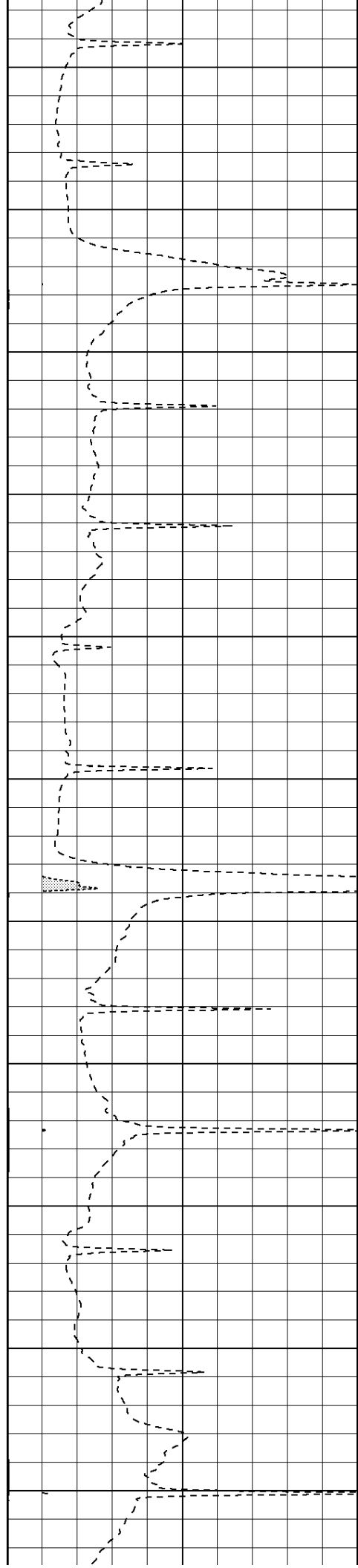
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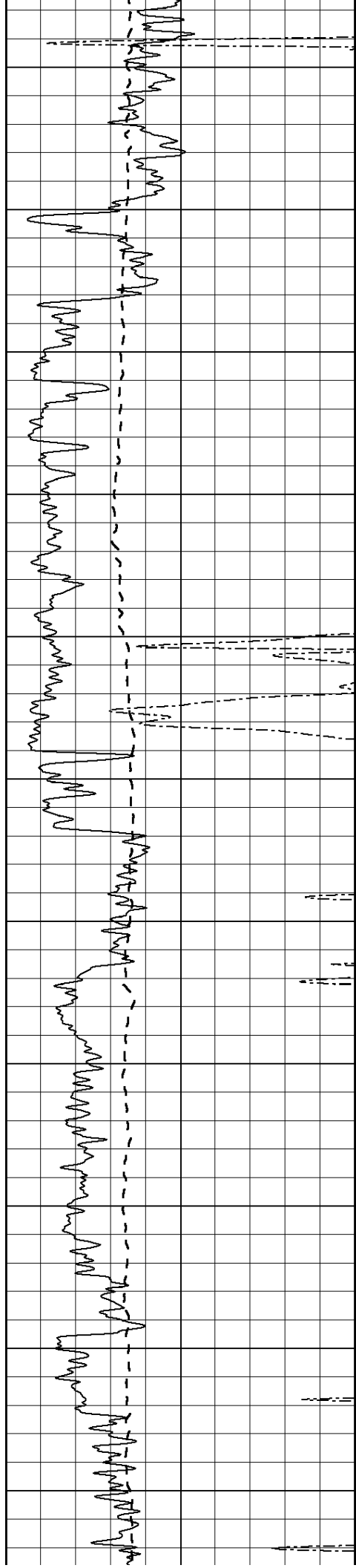
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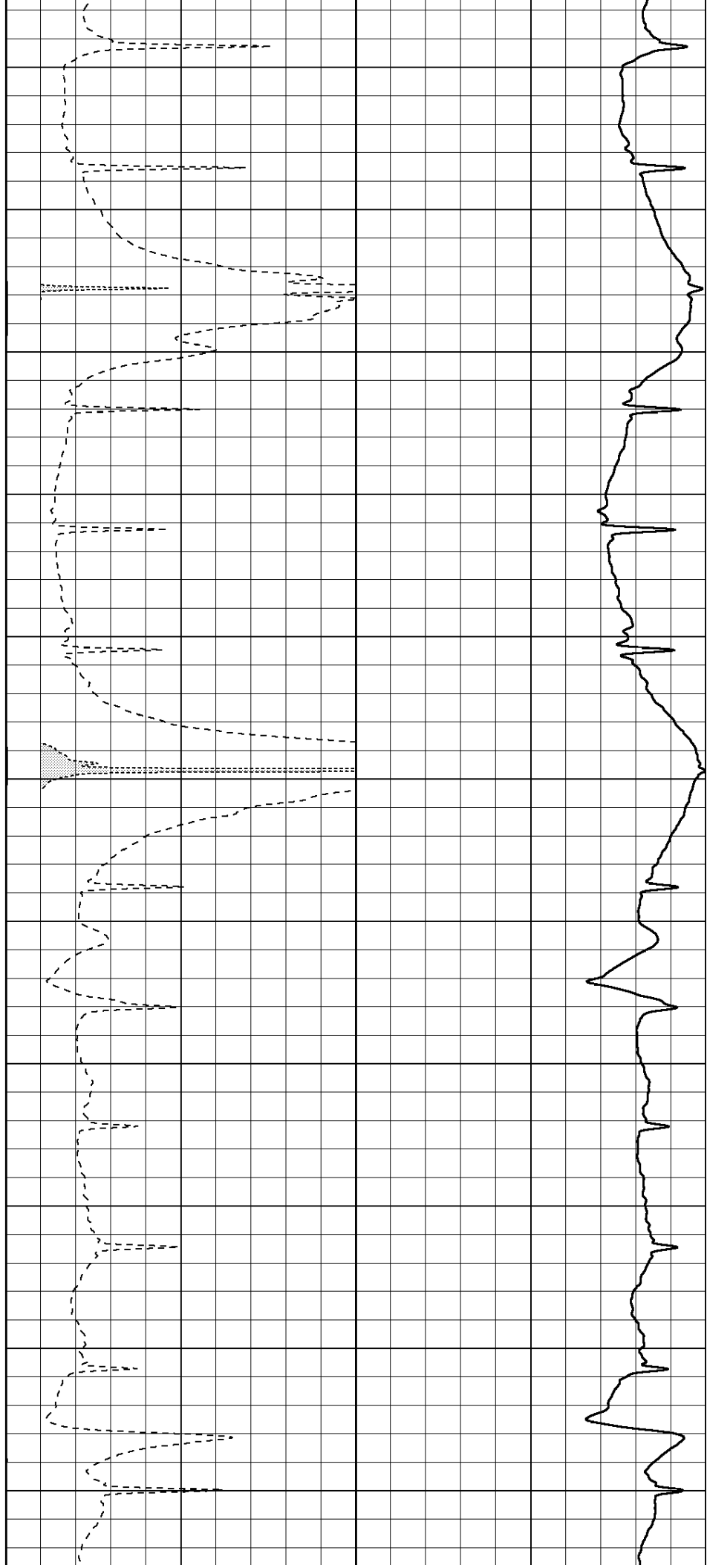
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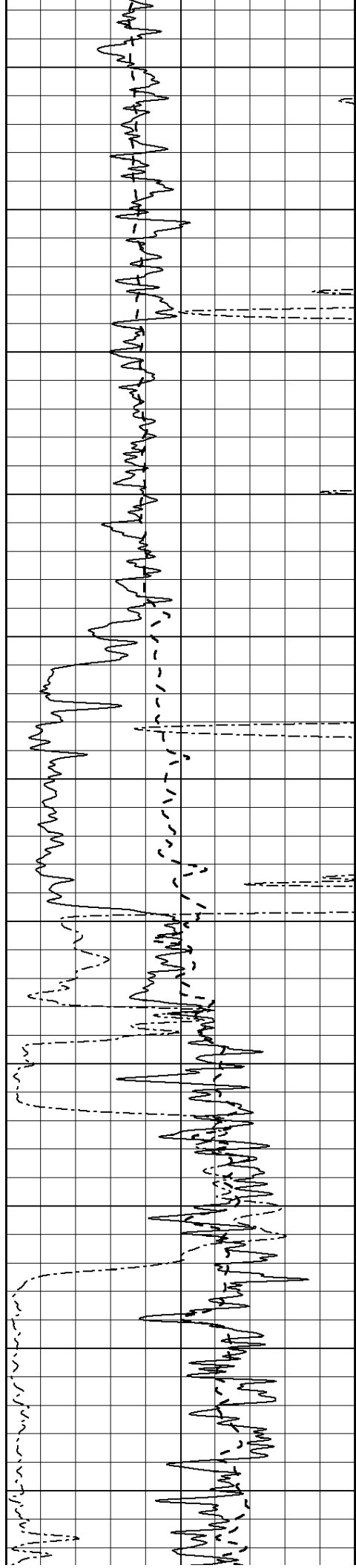
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1000
1050
1100
1150
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1250
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1400
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1500





1550

1600

1650

1700

1750

1800

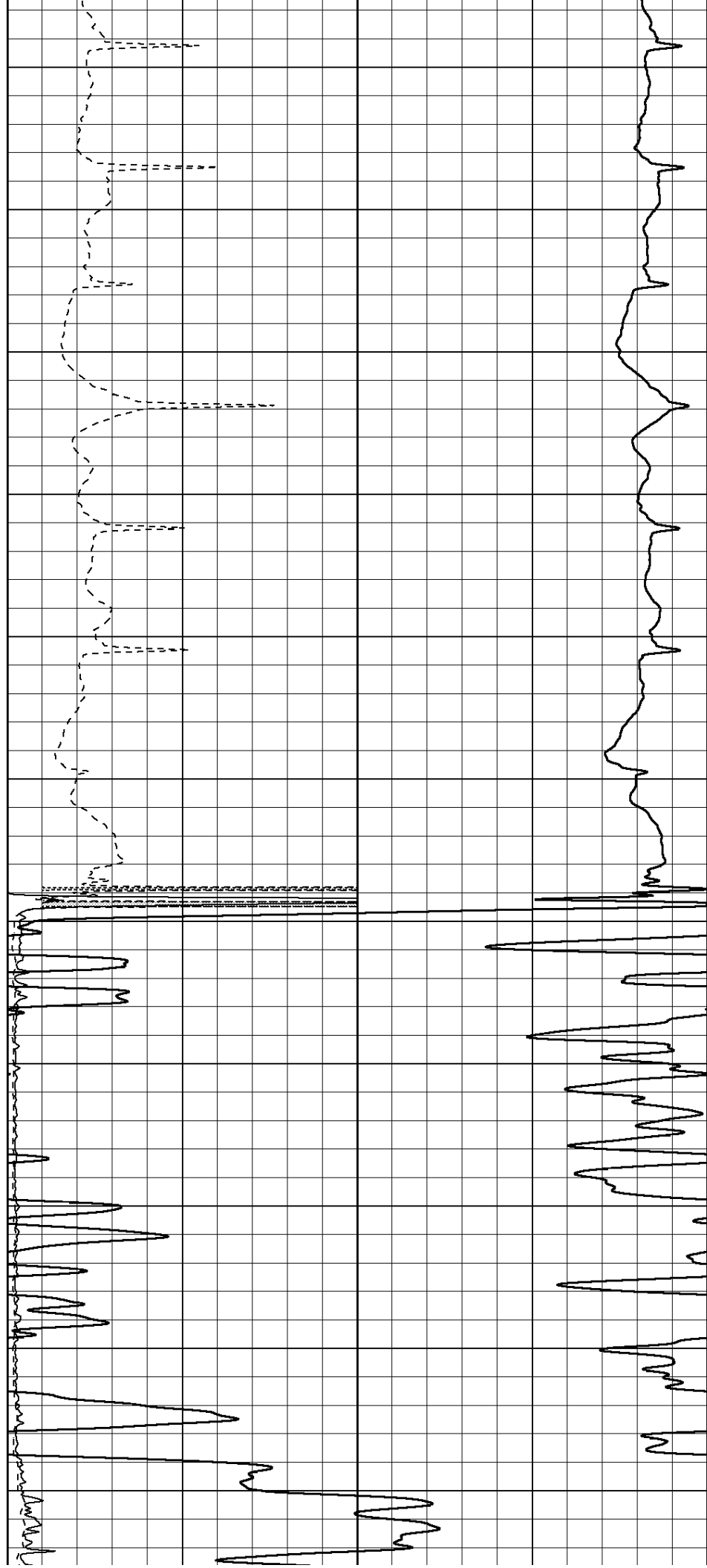
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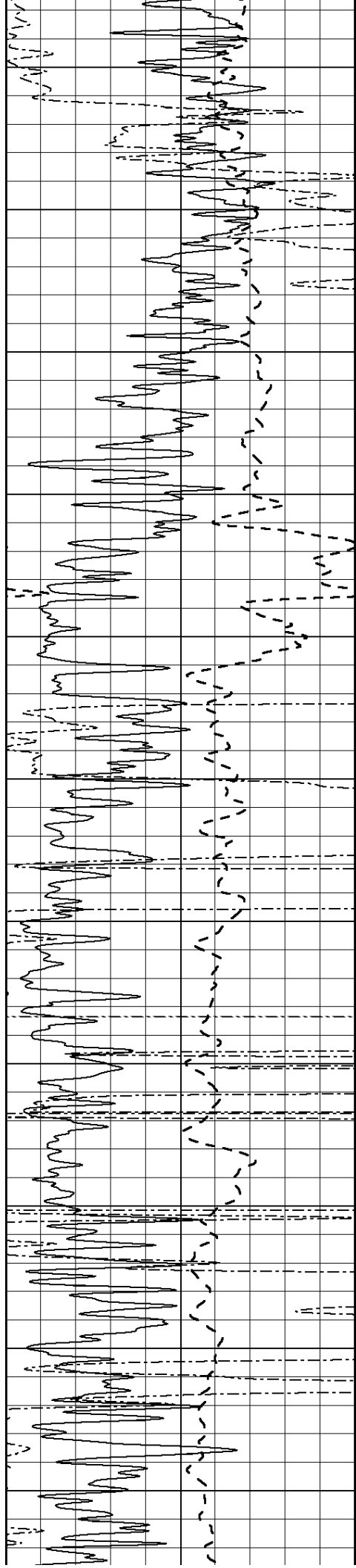
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2050





2100

2150

2200

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2350

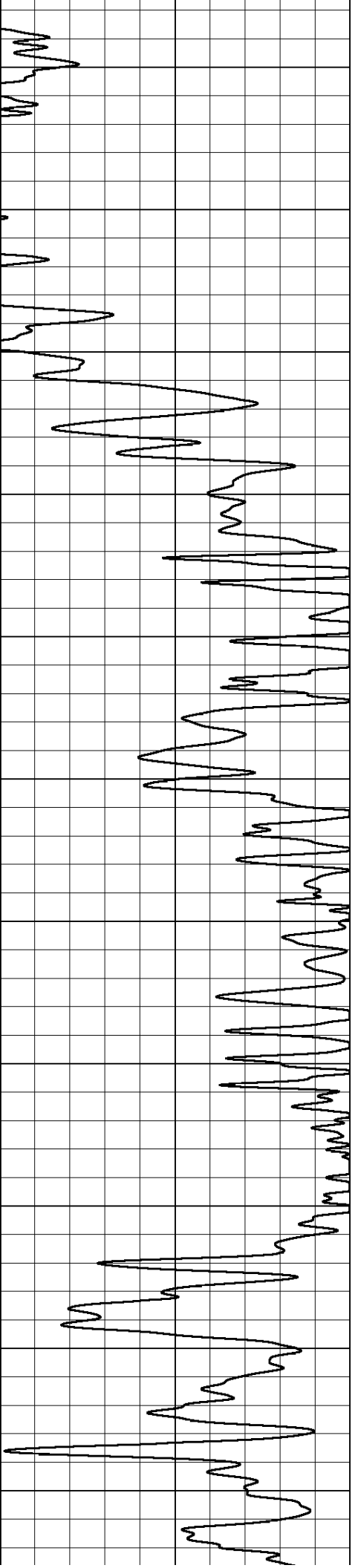
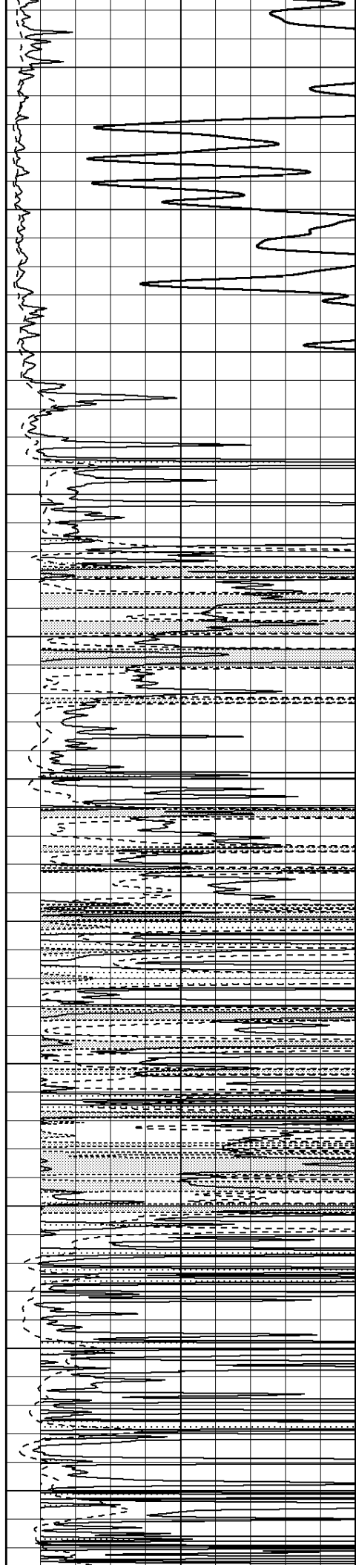
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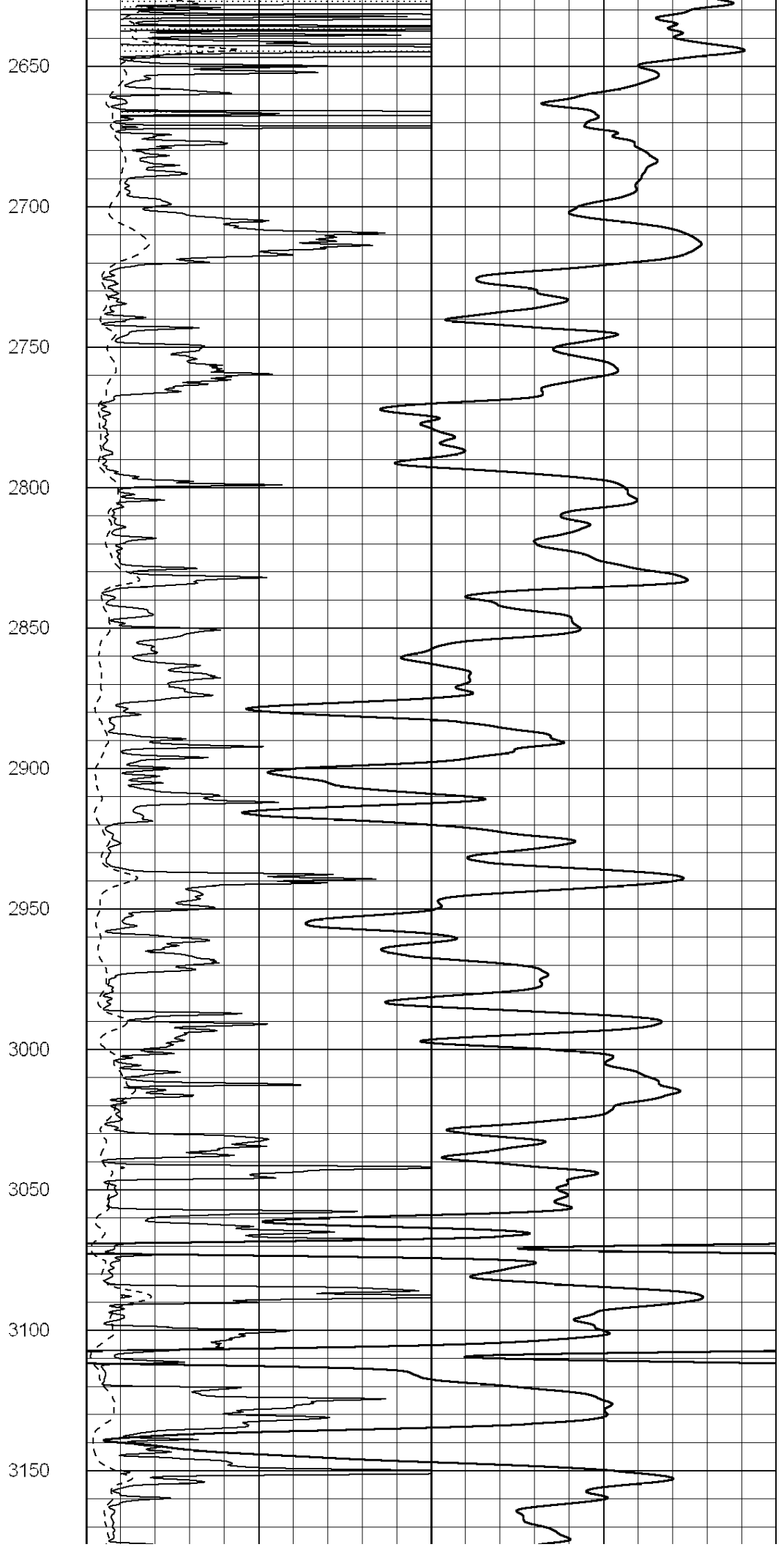
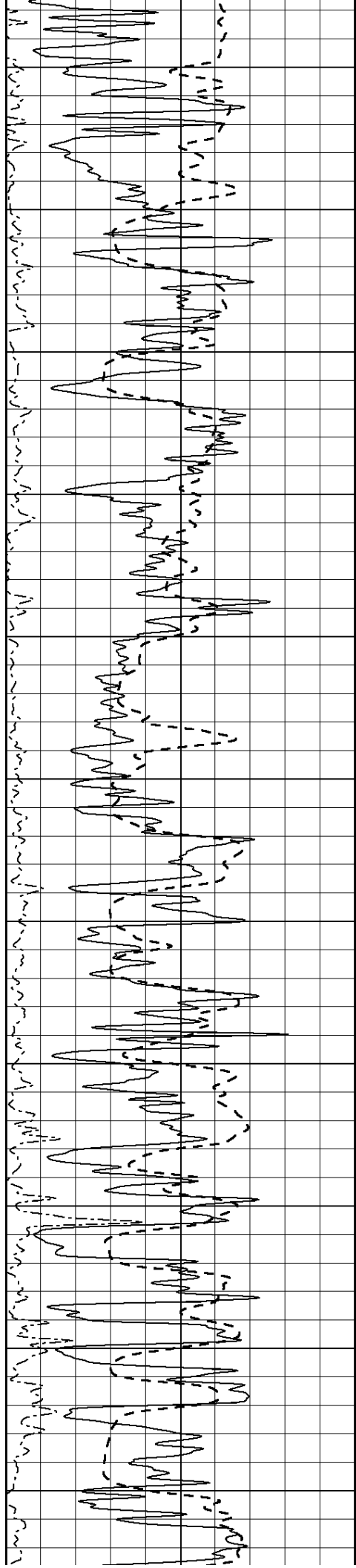
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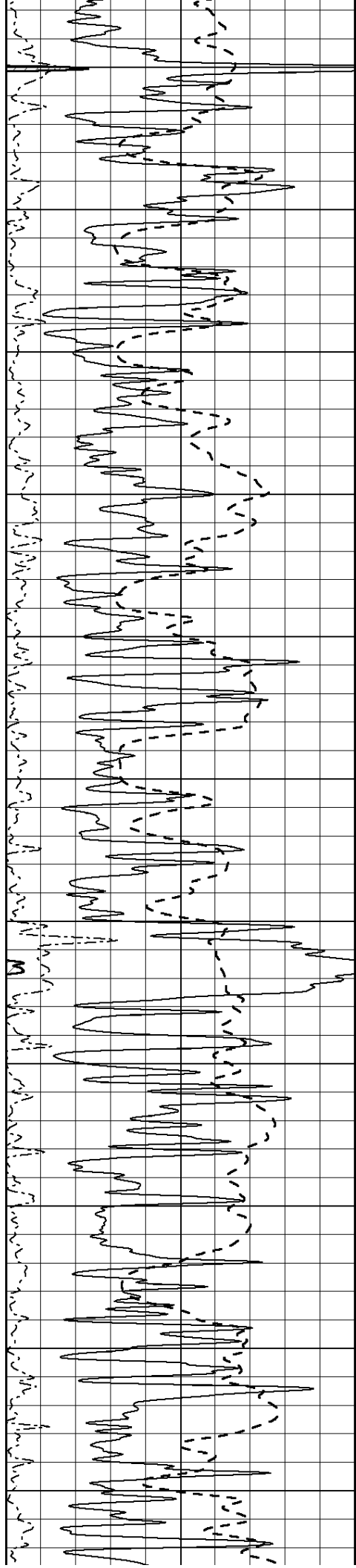
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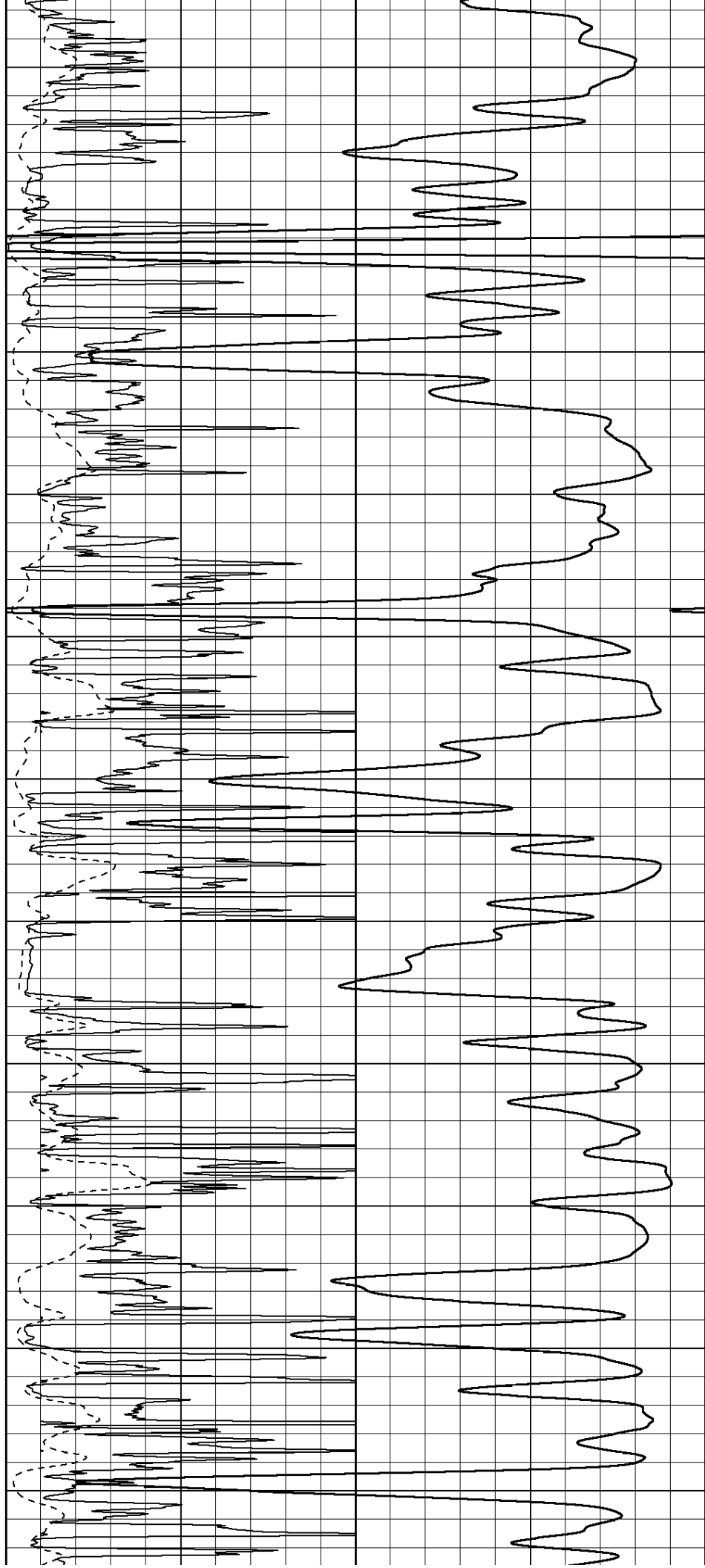
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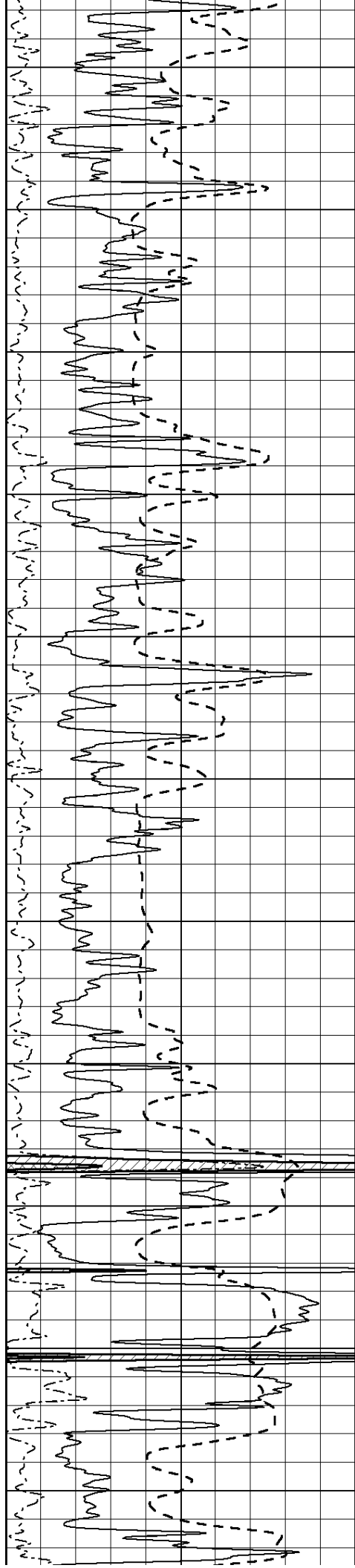
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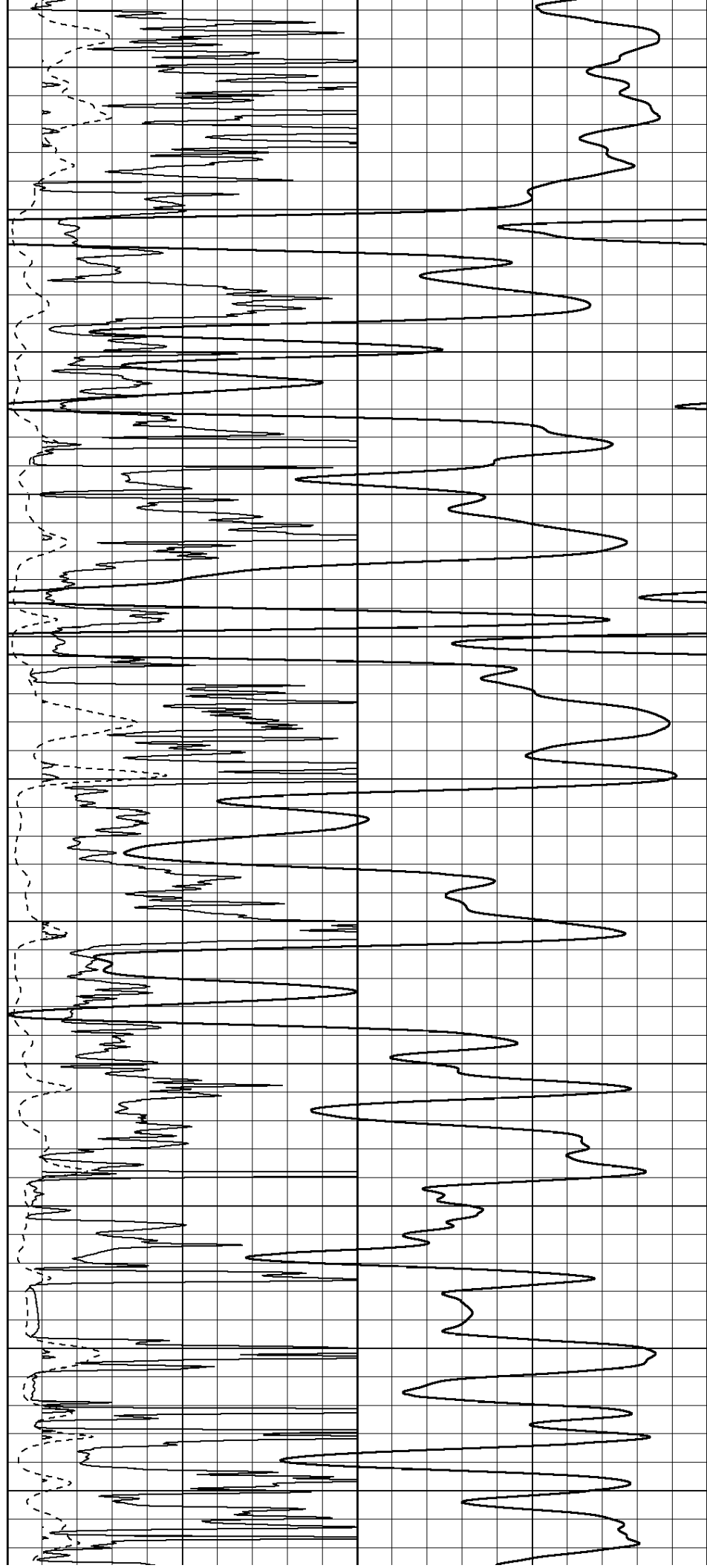
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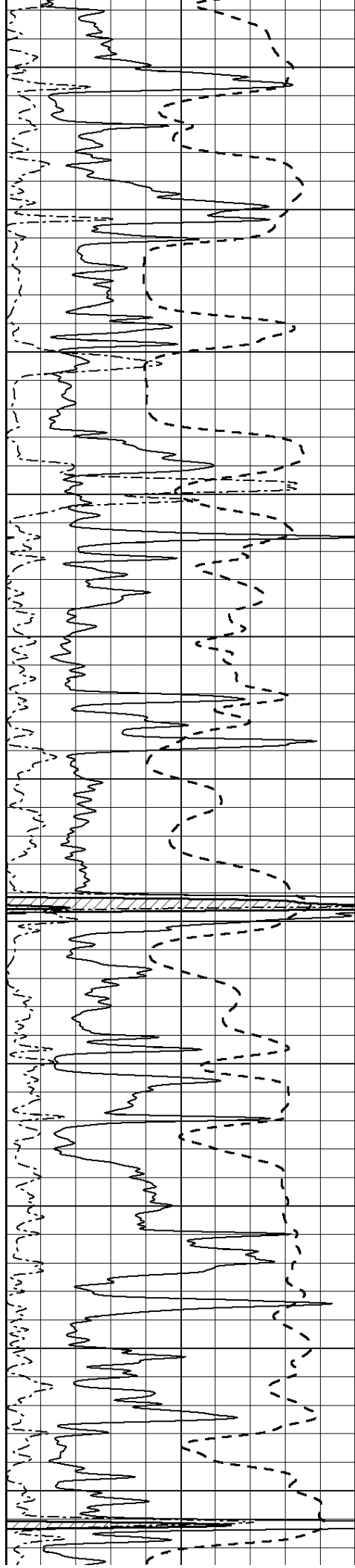
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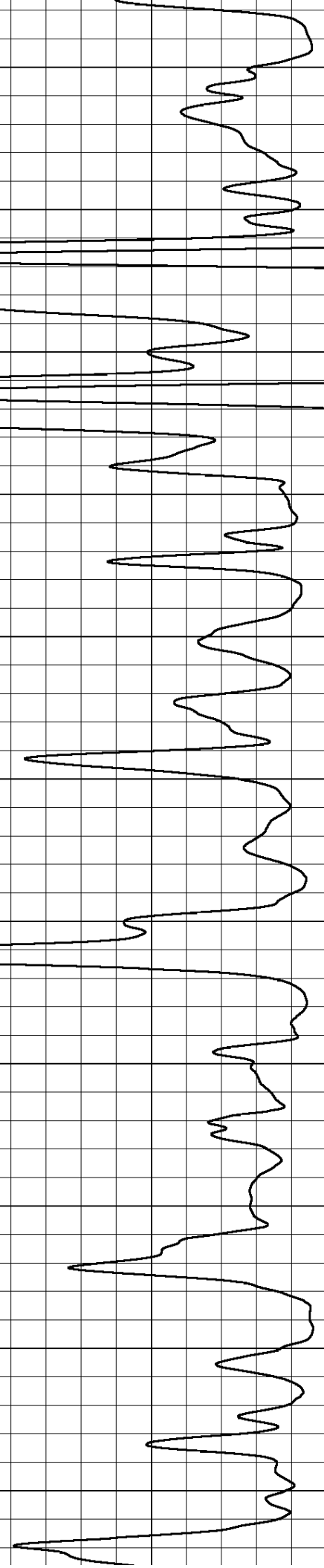
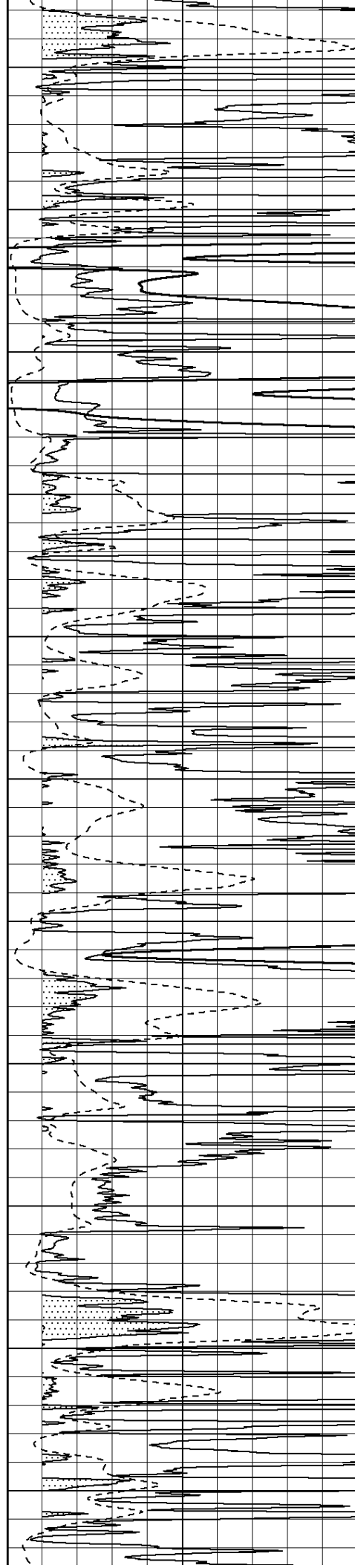
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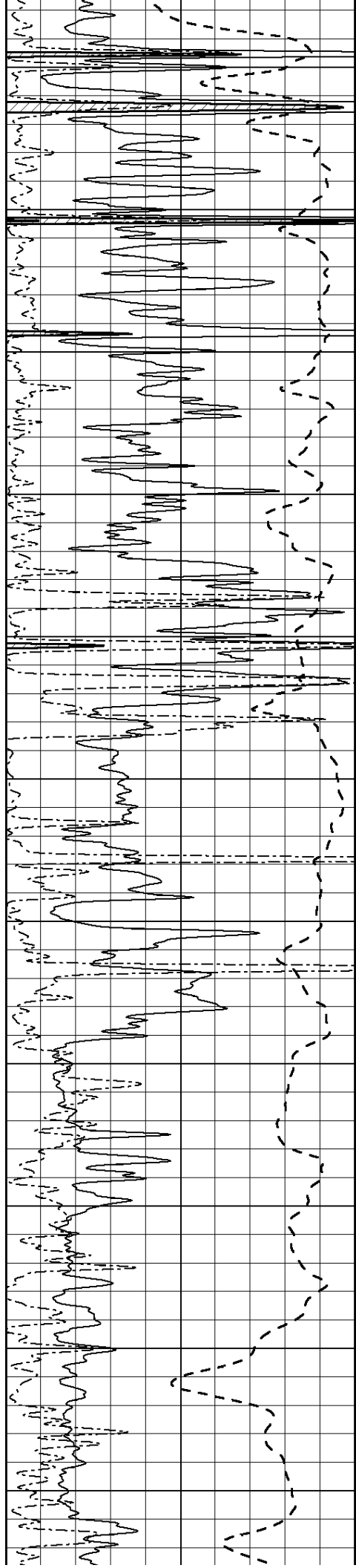
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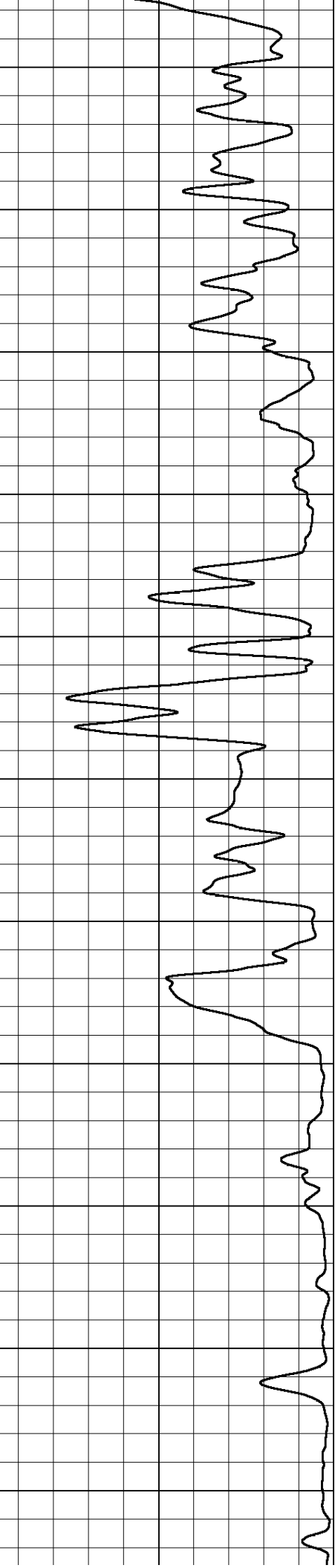
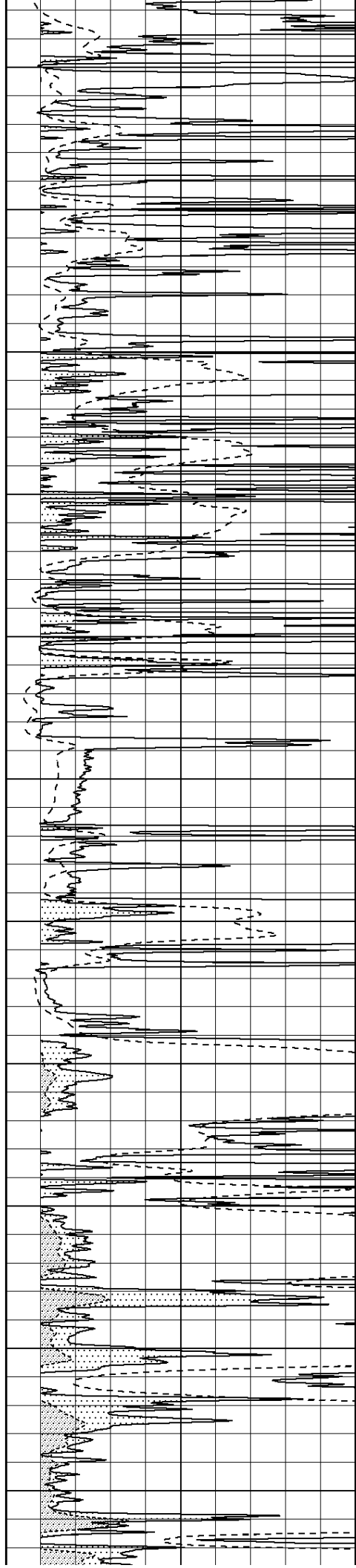
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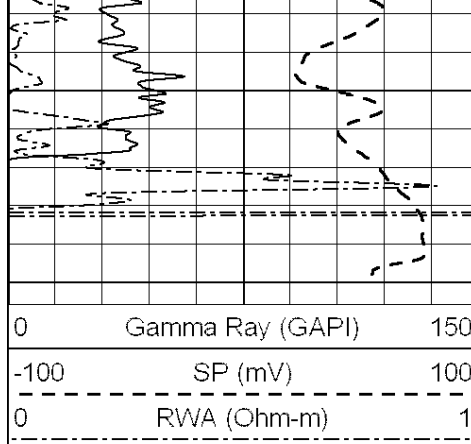
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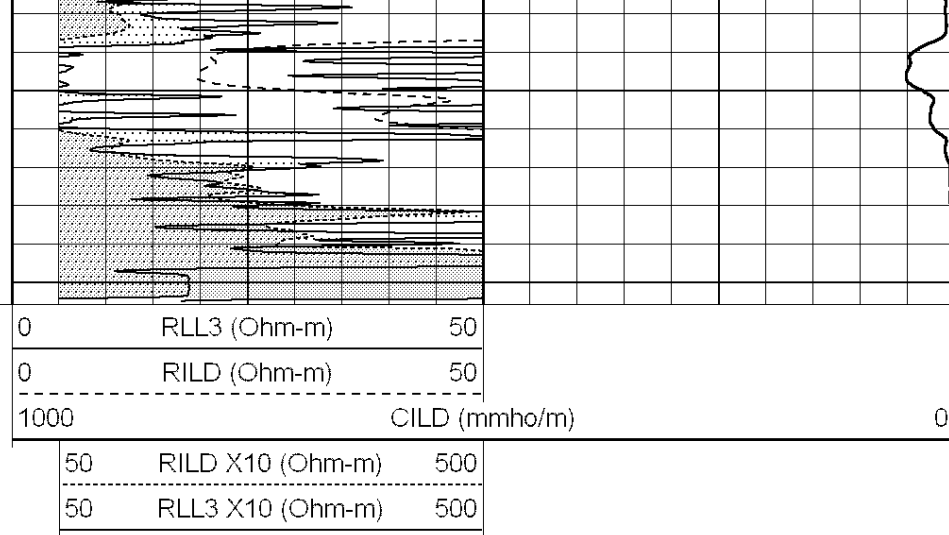
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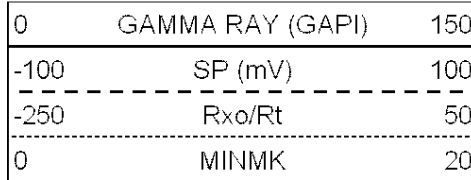
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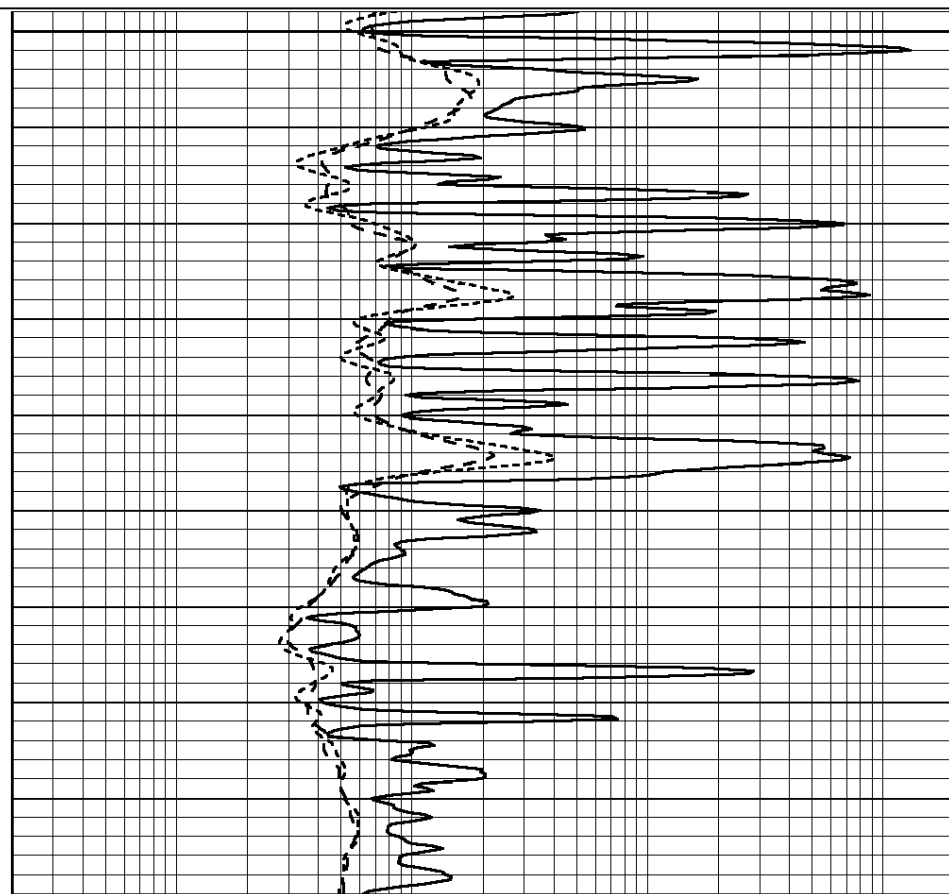
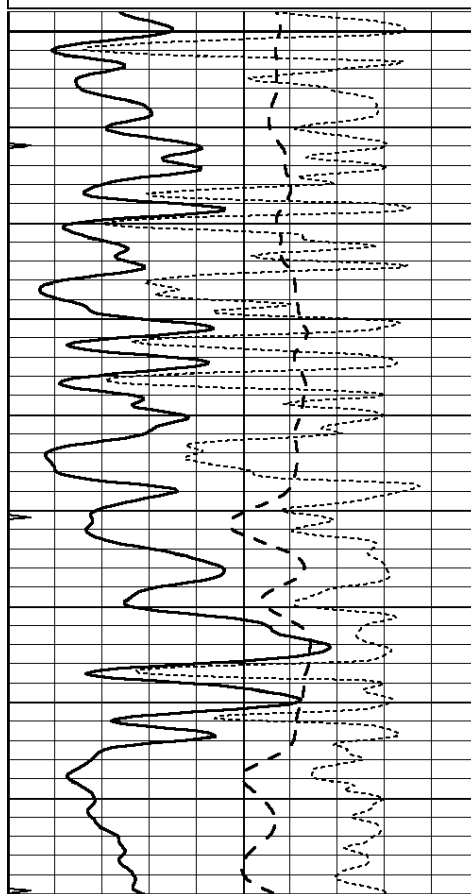
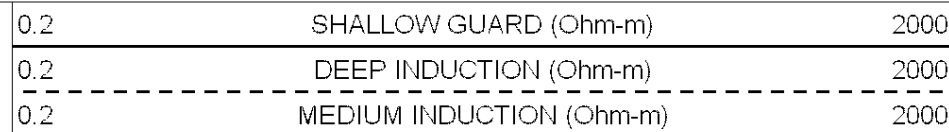
MAIN SECTION

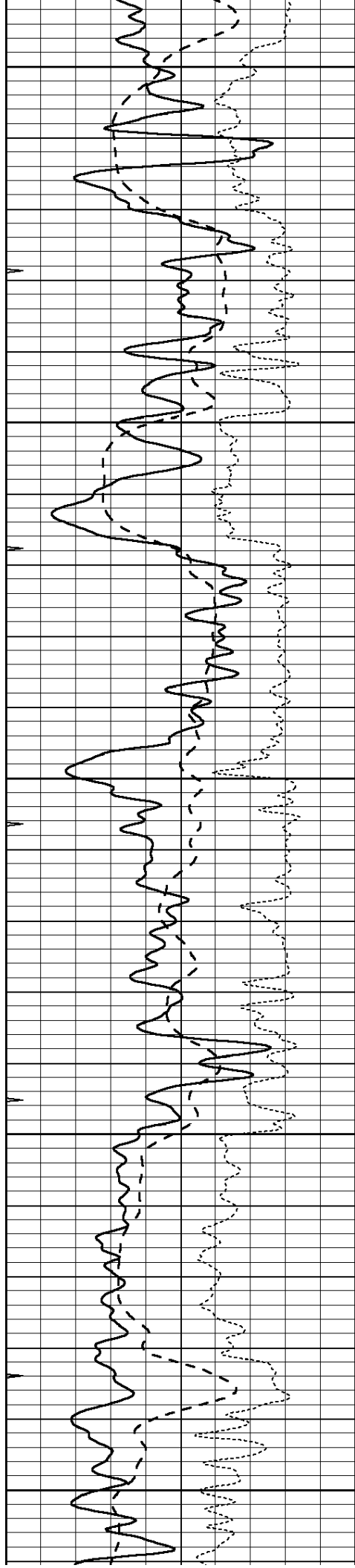
Database File: 25875pe.db
 Dataset Pathname: pass3.7
 Presentation Format: _dil
 Dataset Creation: Wed Sep 03 15:50:04 2014 by Calc SOC 120430
 Charted by: Depth in Feet scaled 1:240



2600

2650





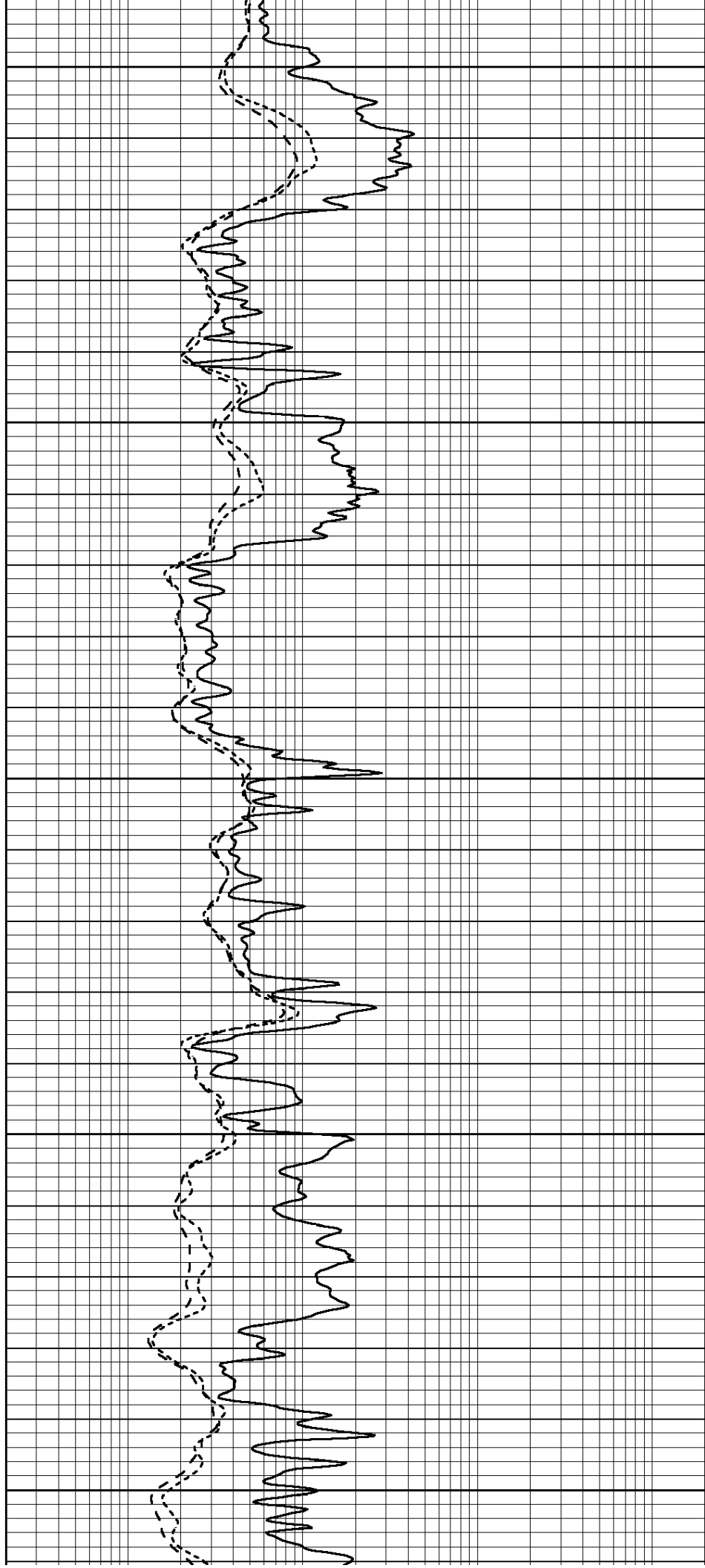
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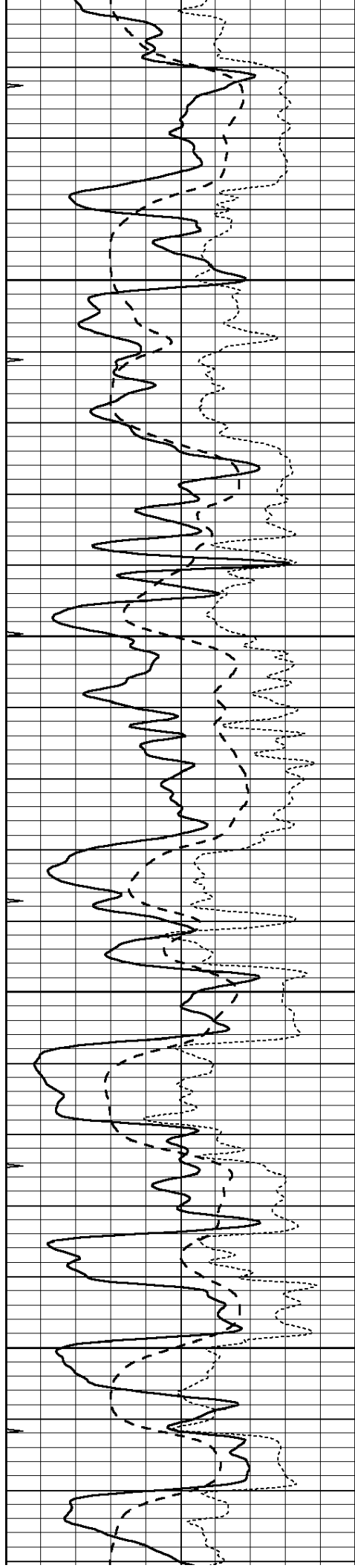
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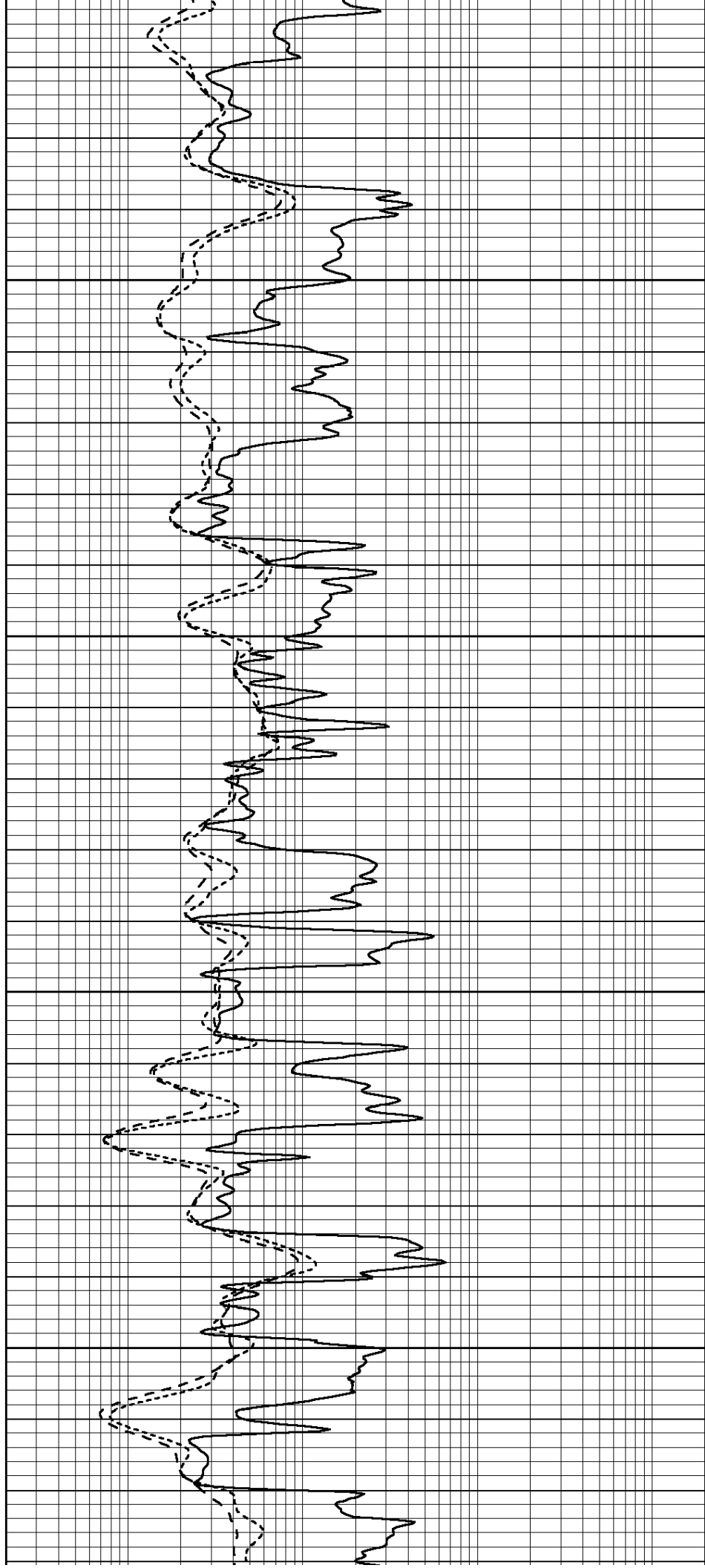


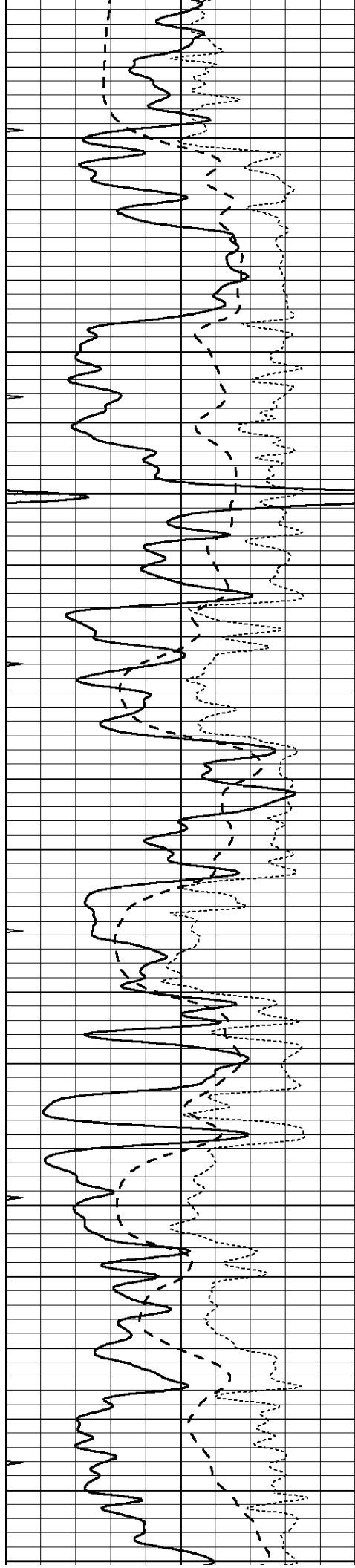
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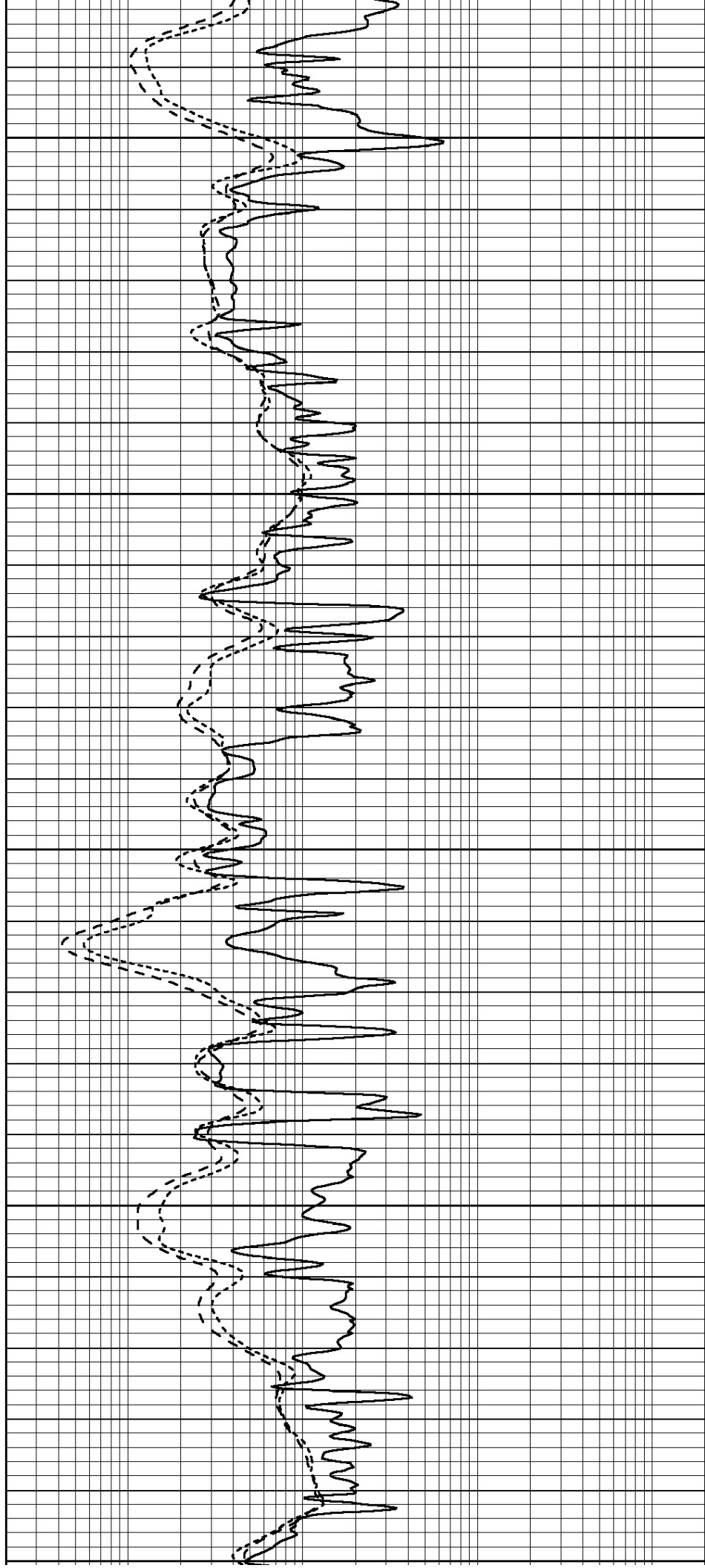
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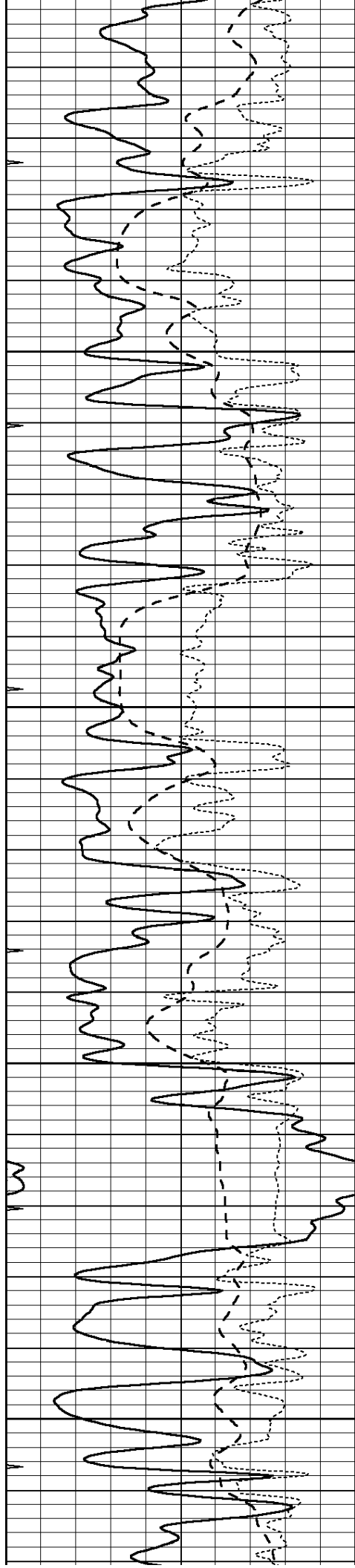
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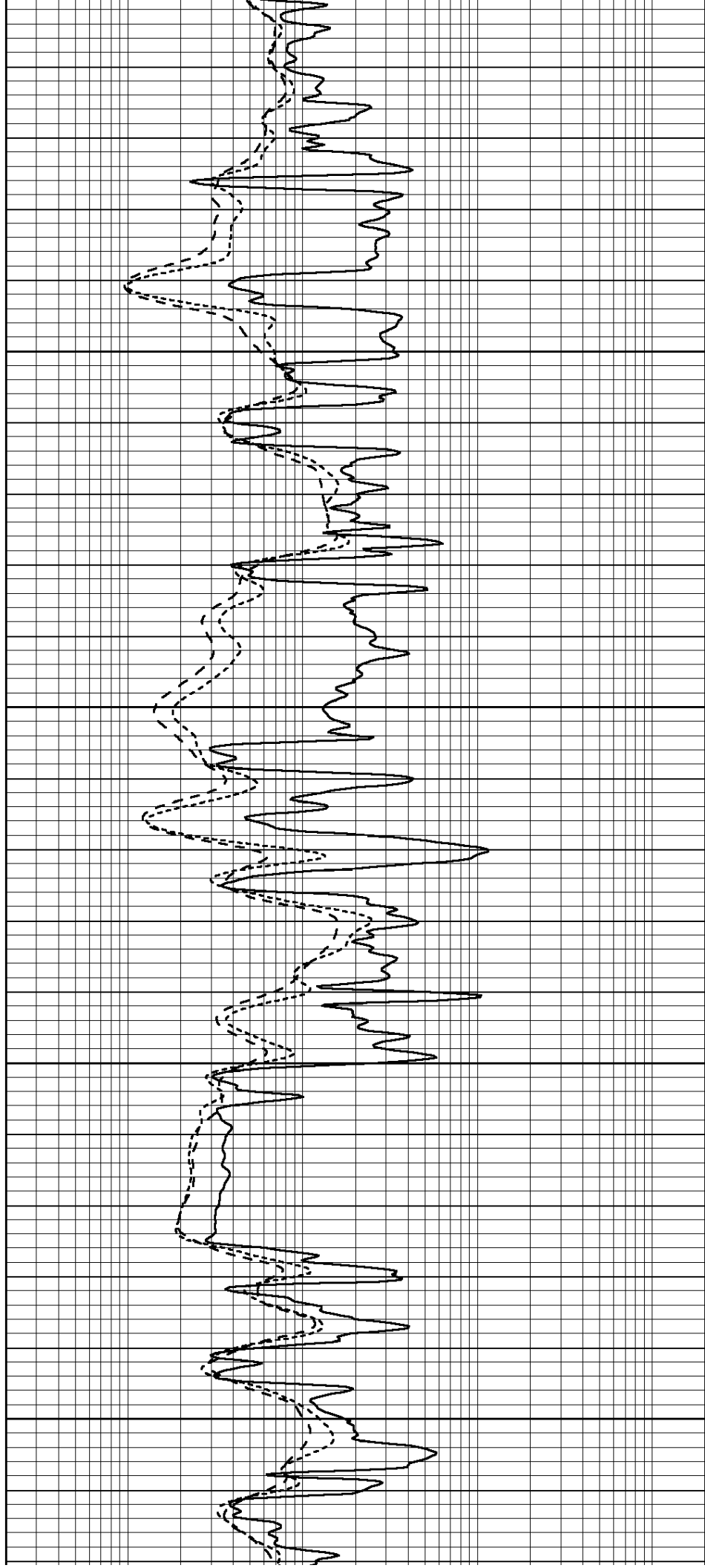


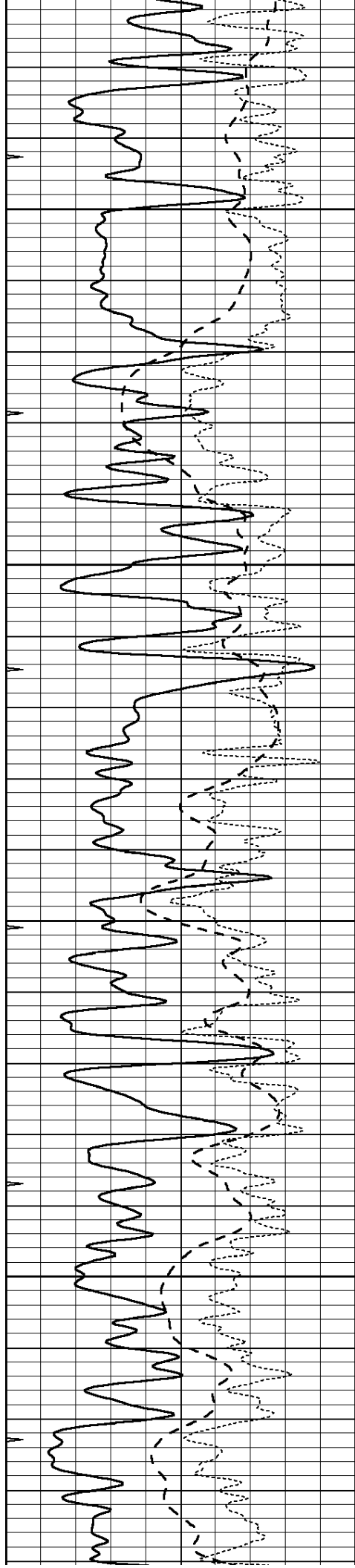
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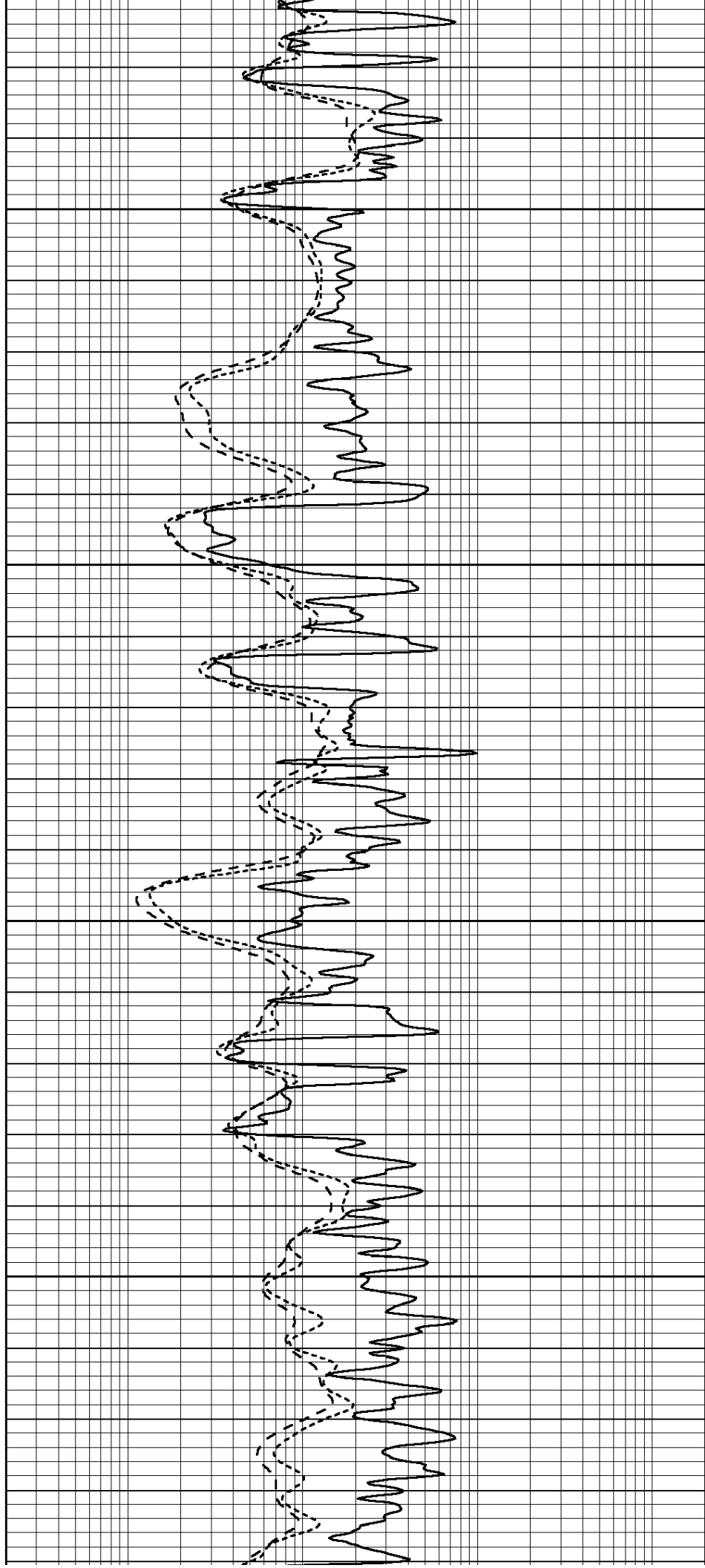


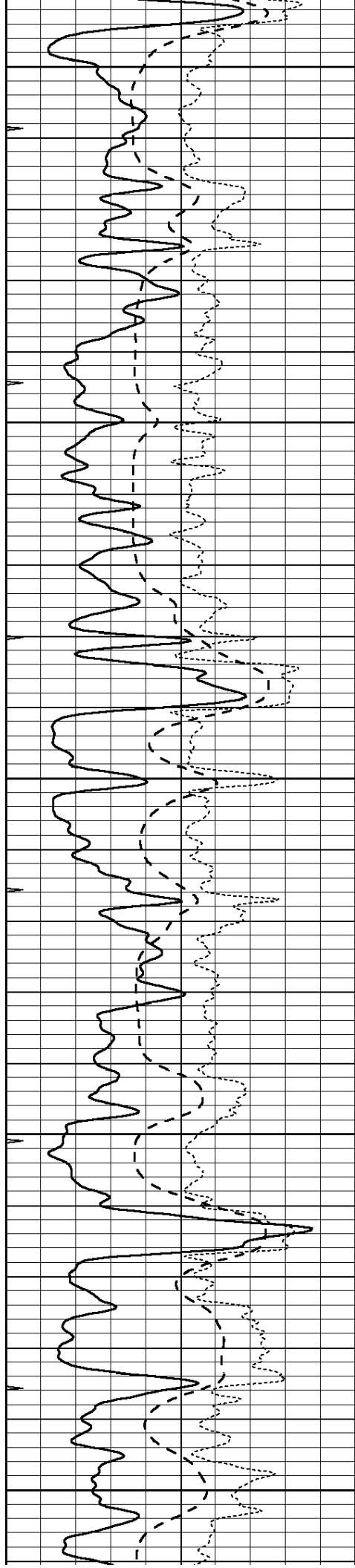
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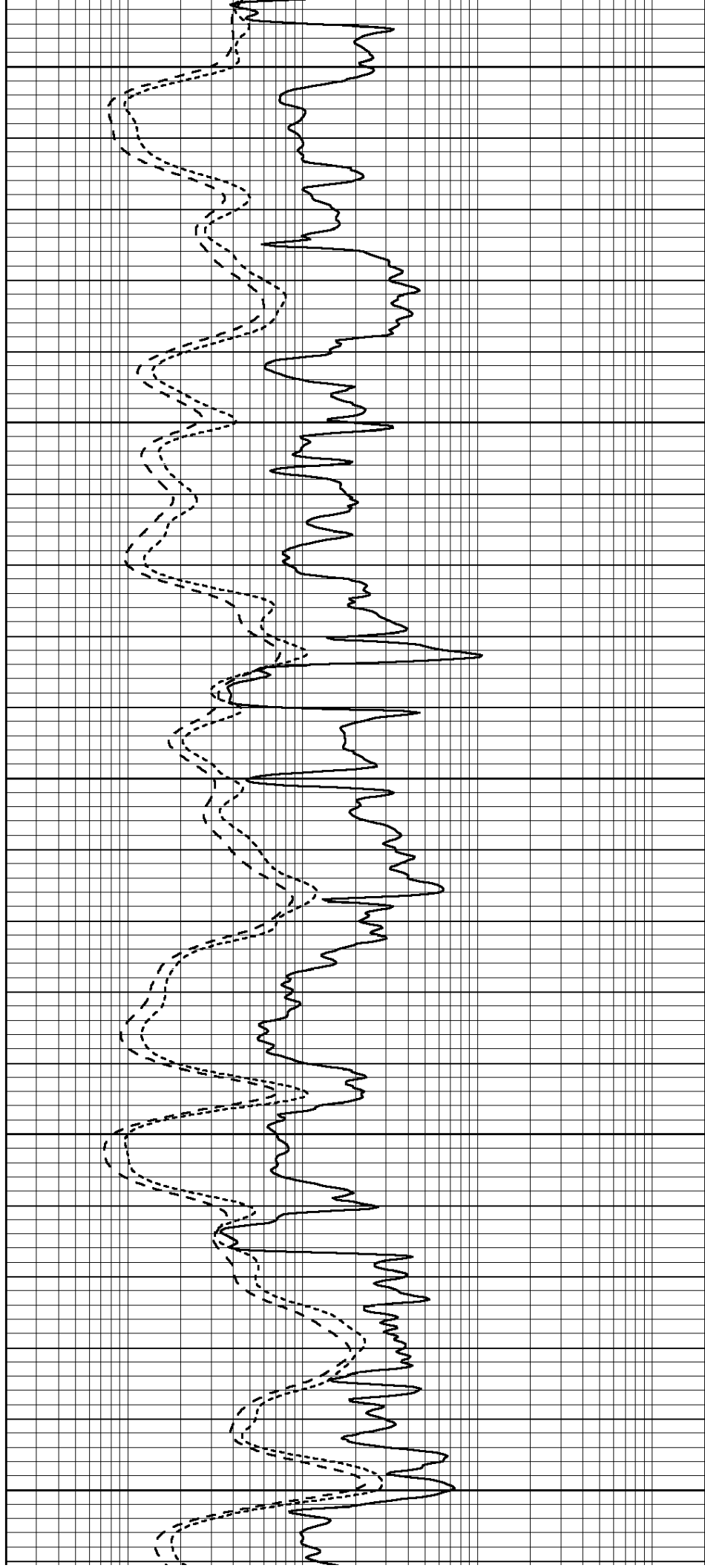
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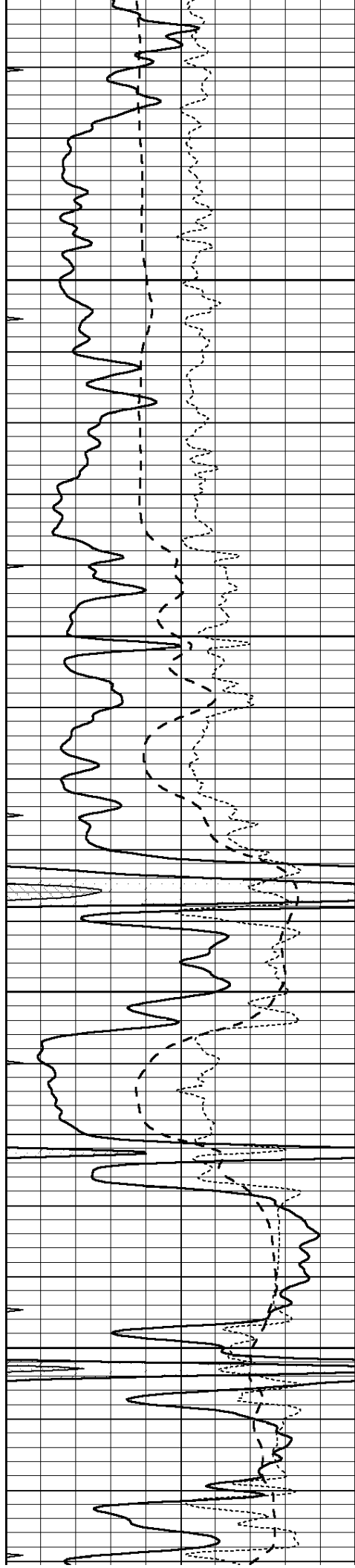
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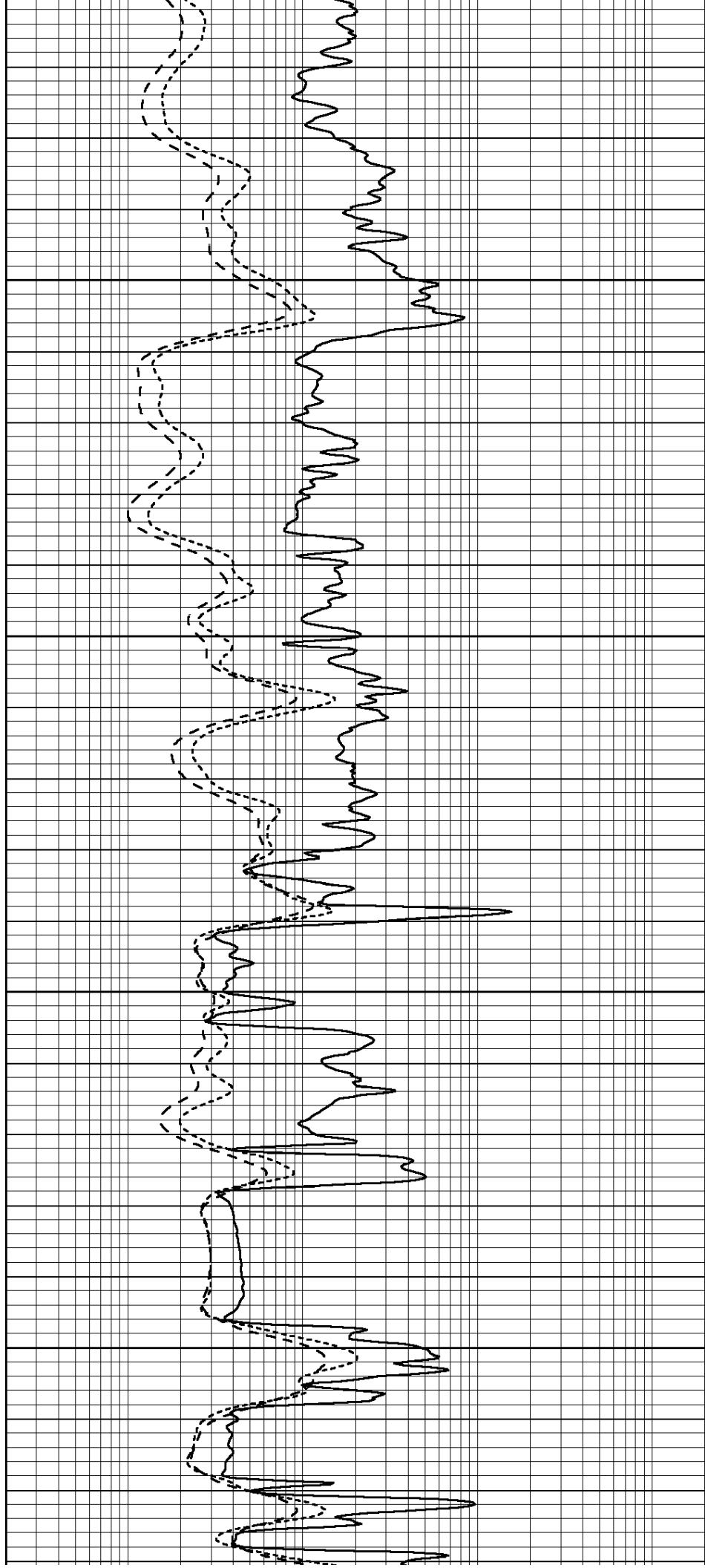


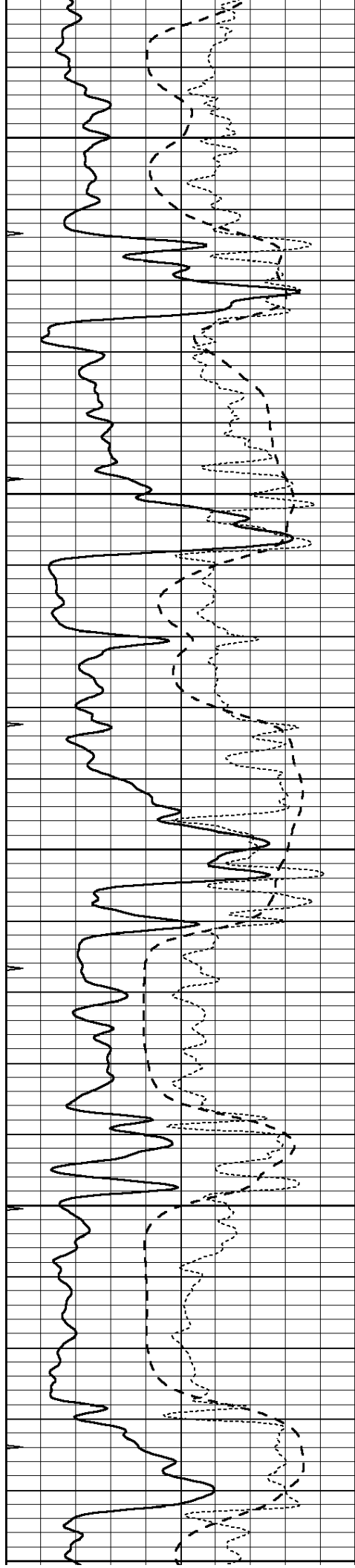
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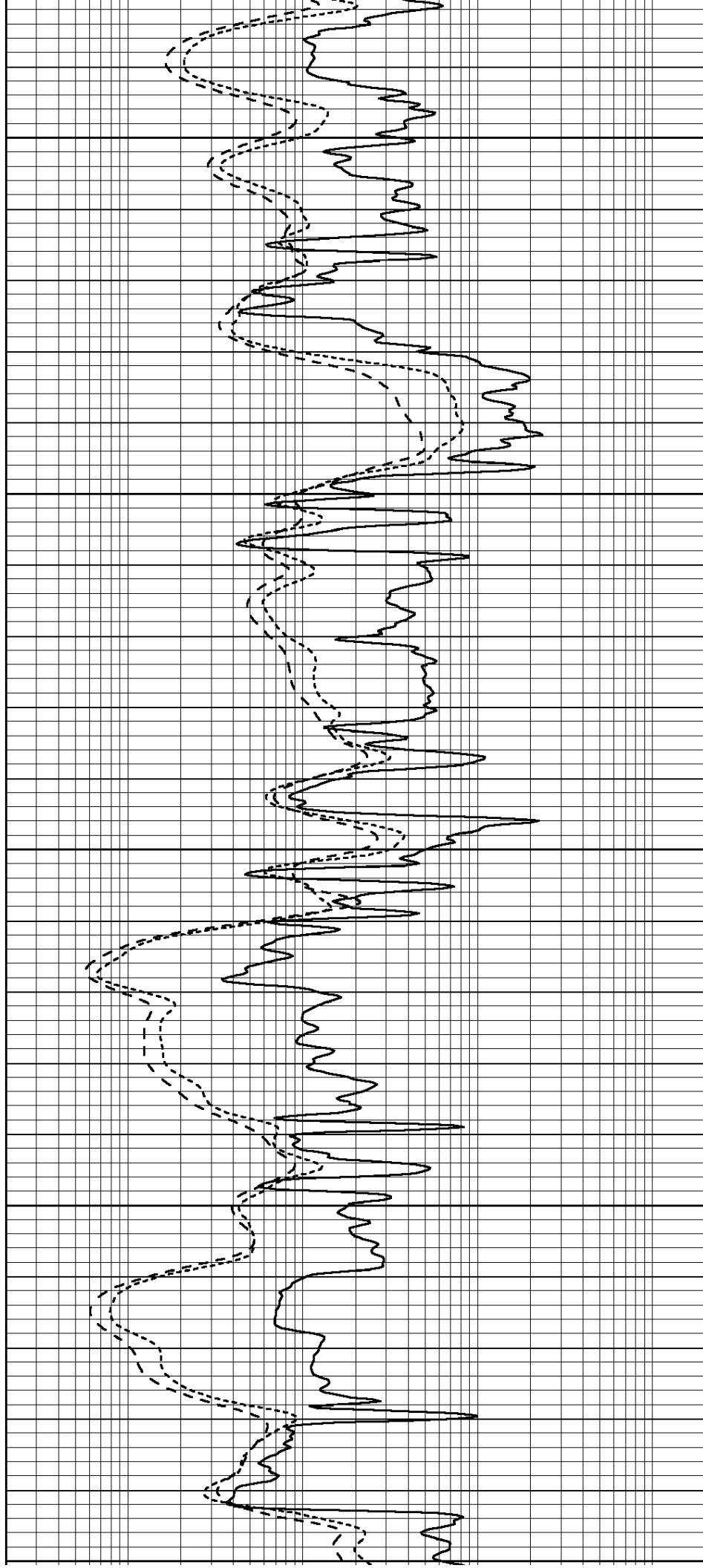
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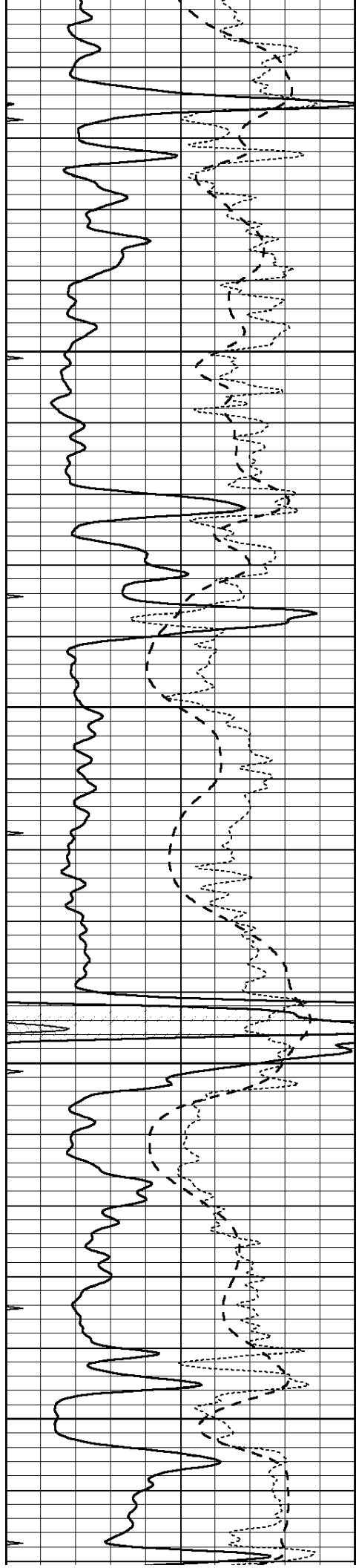
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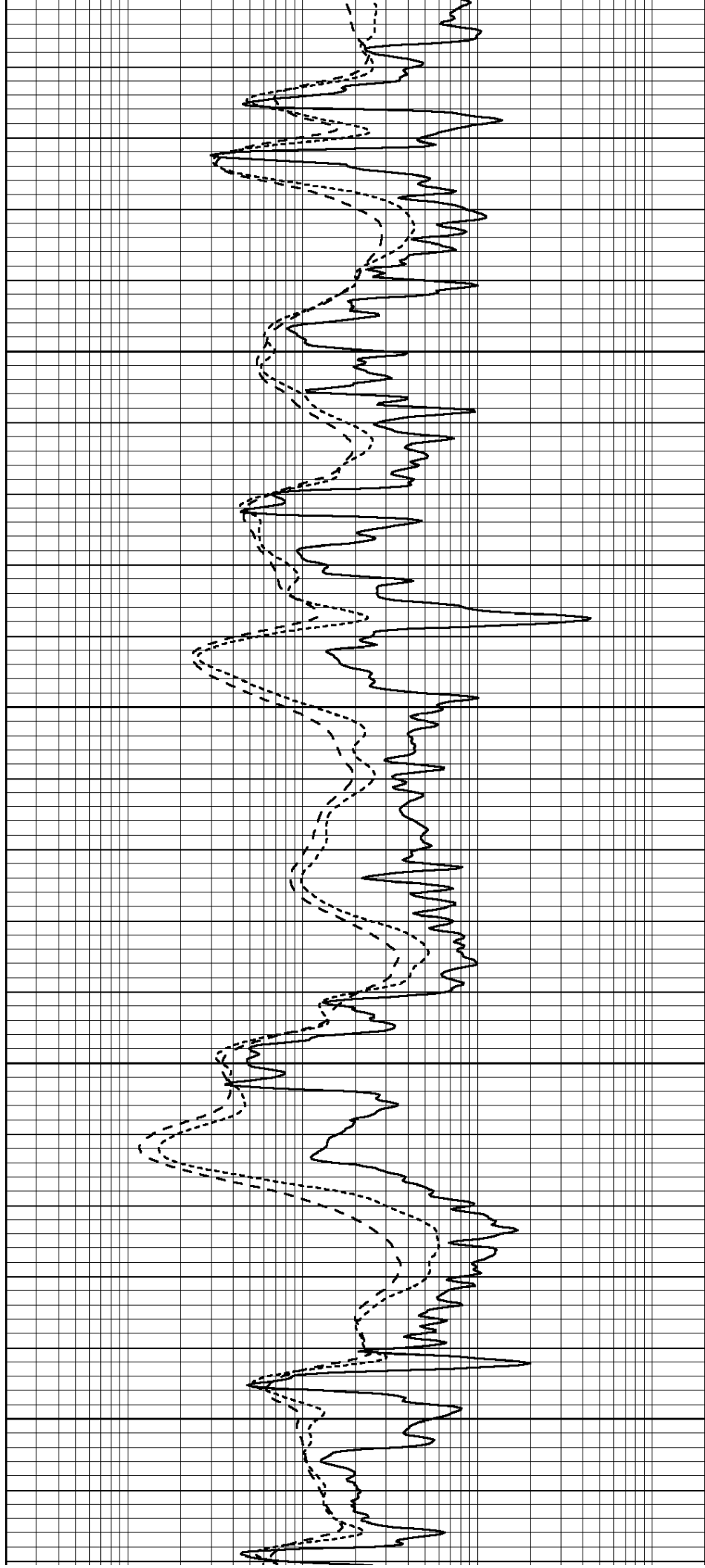


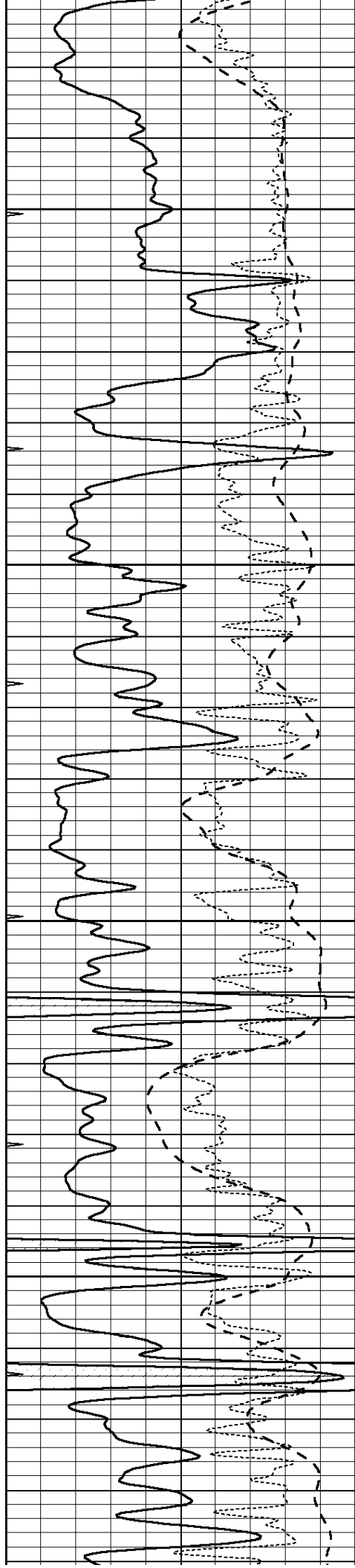
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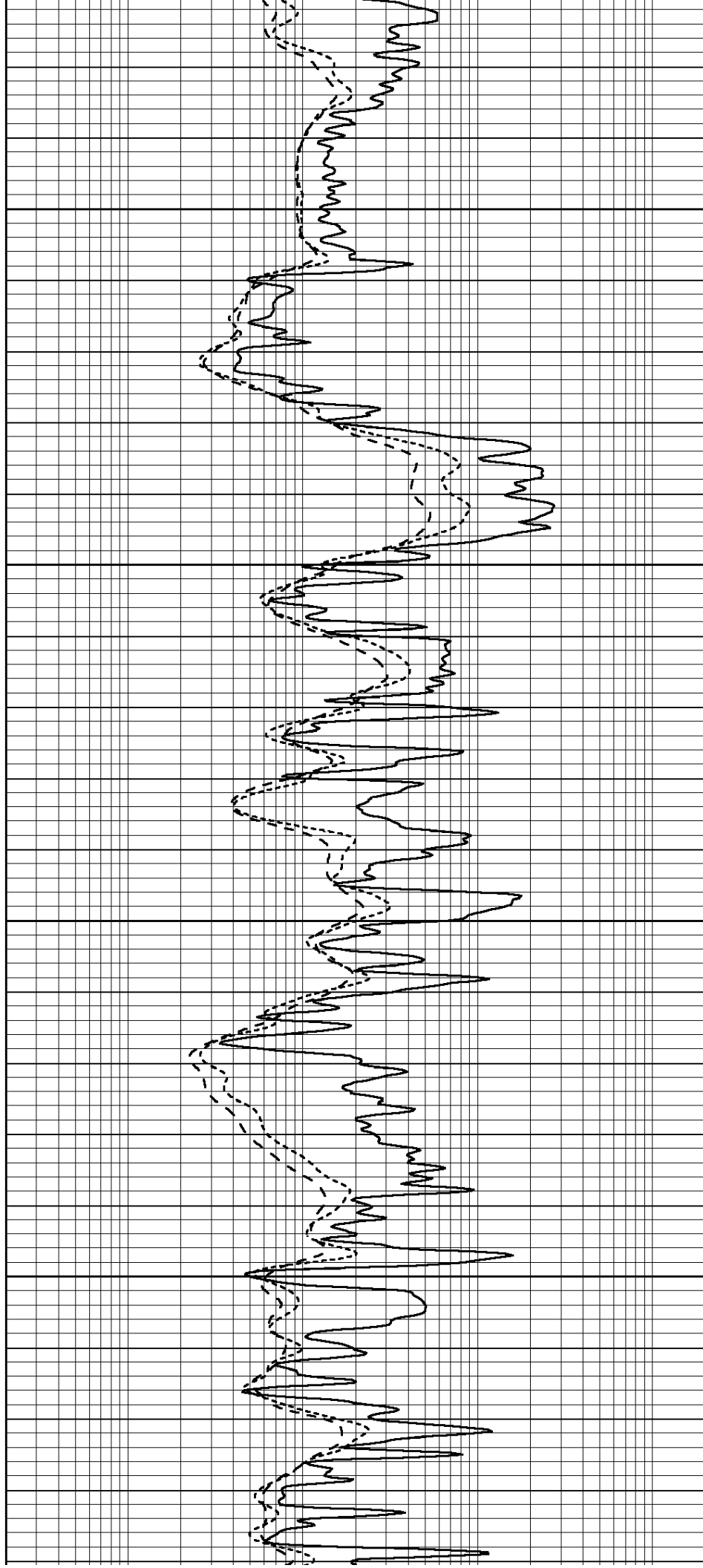


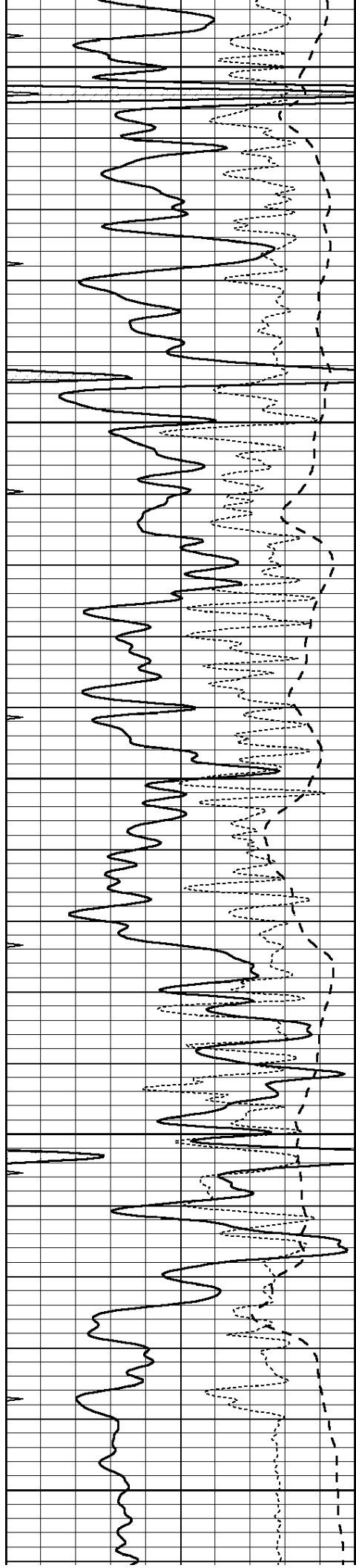
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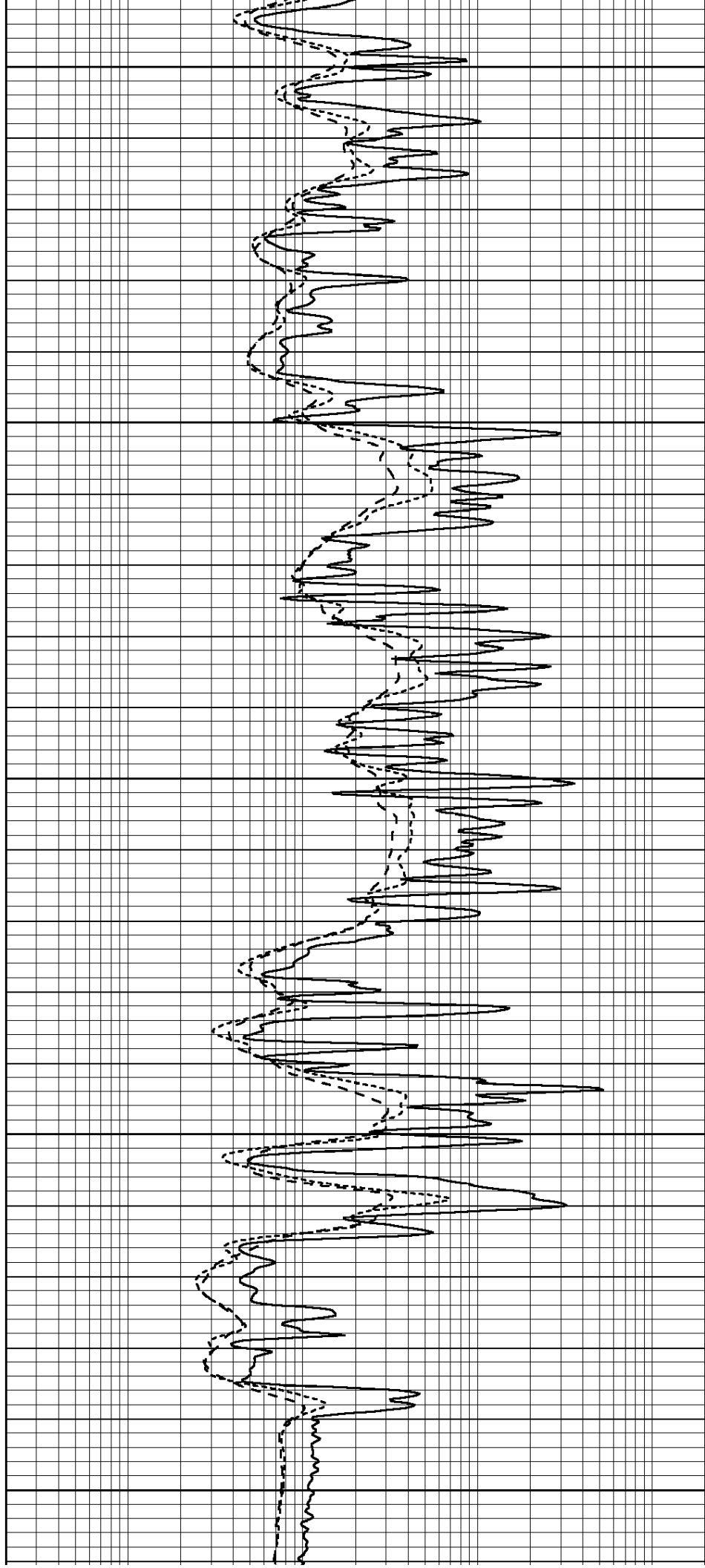
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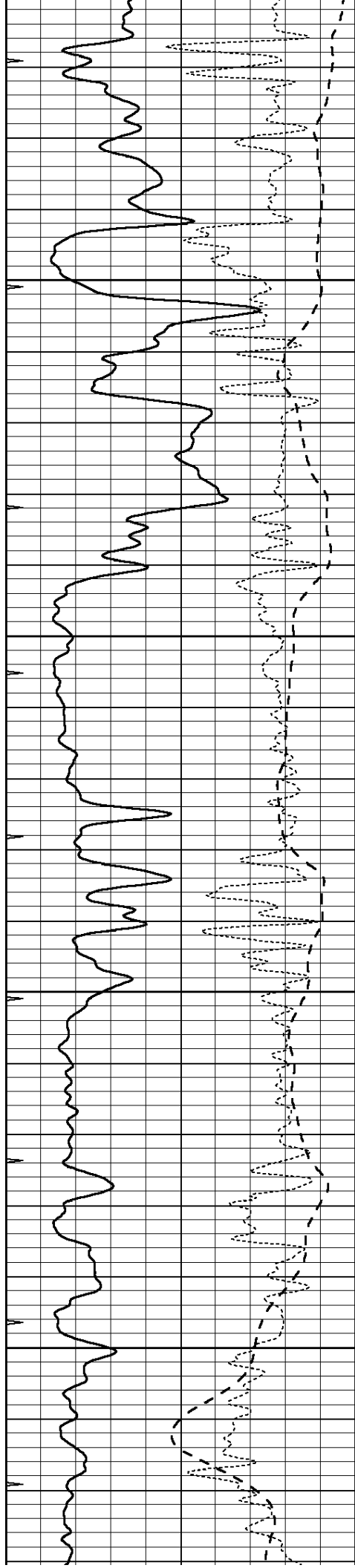
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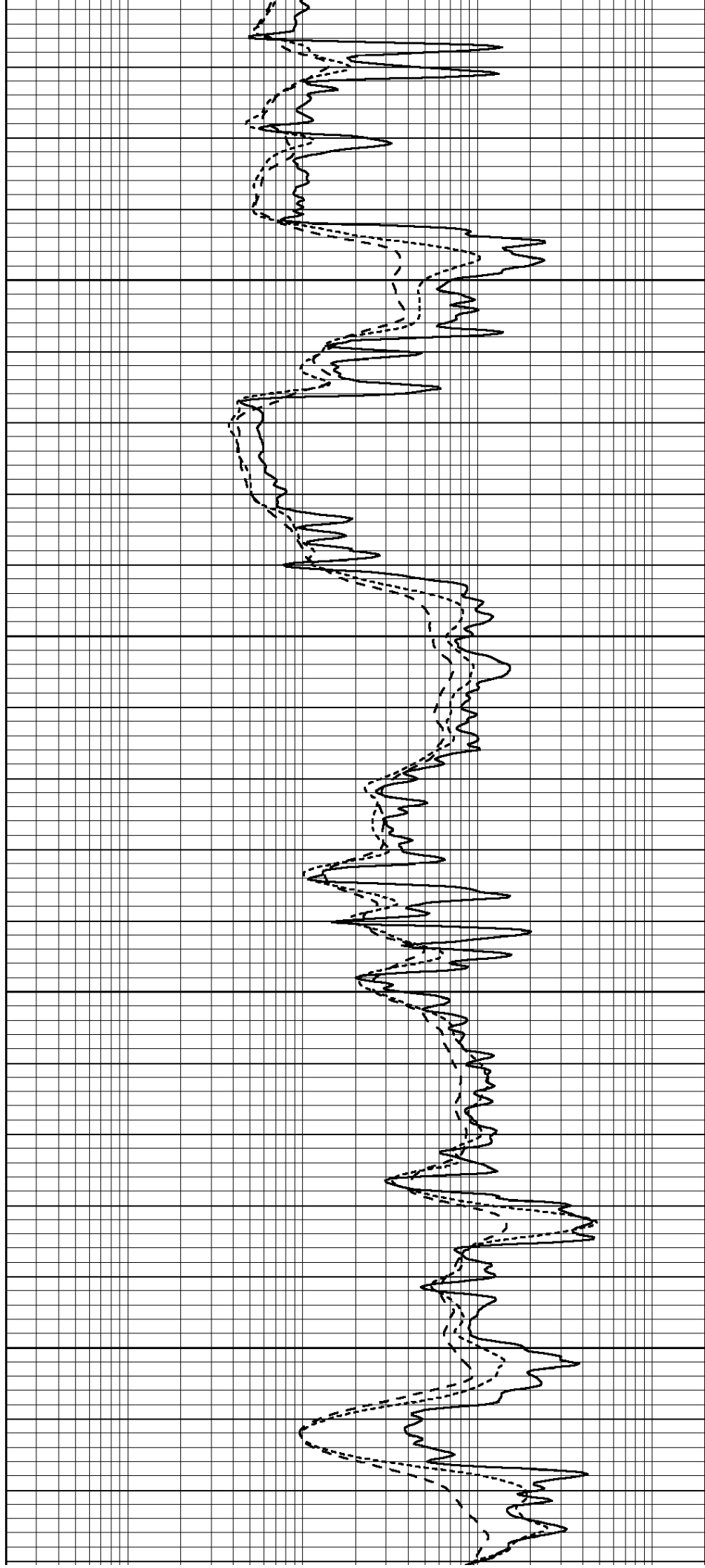


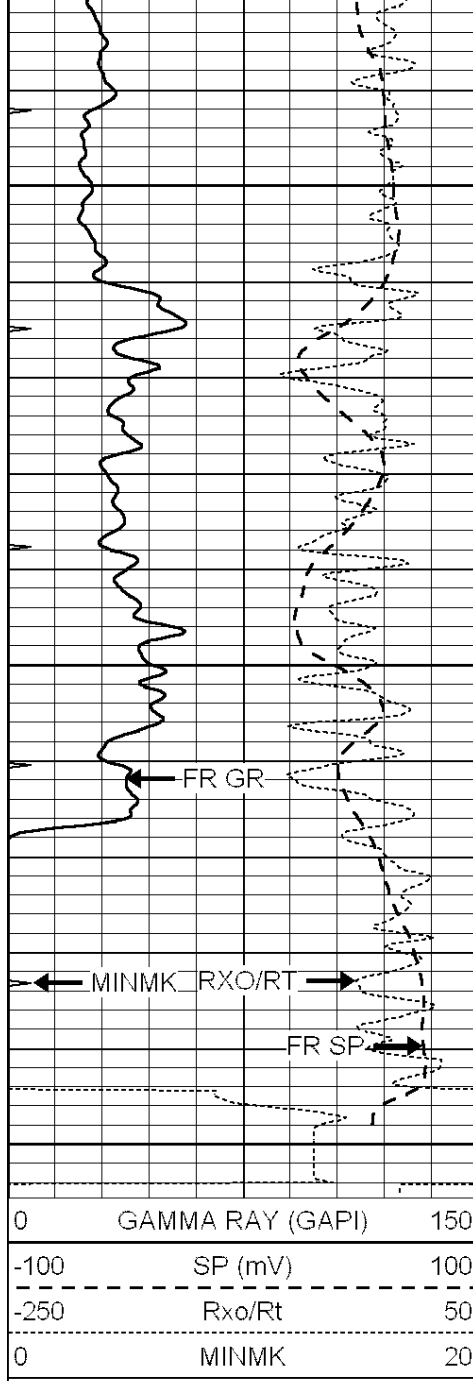
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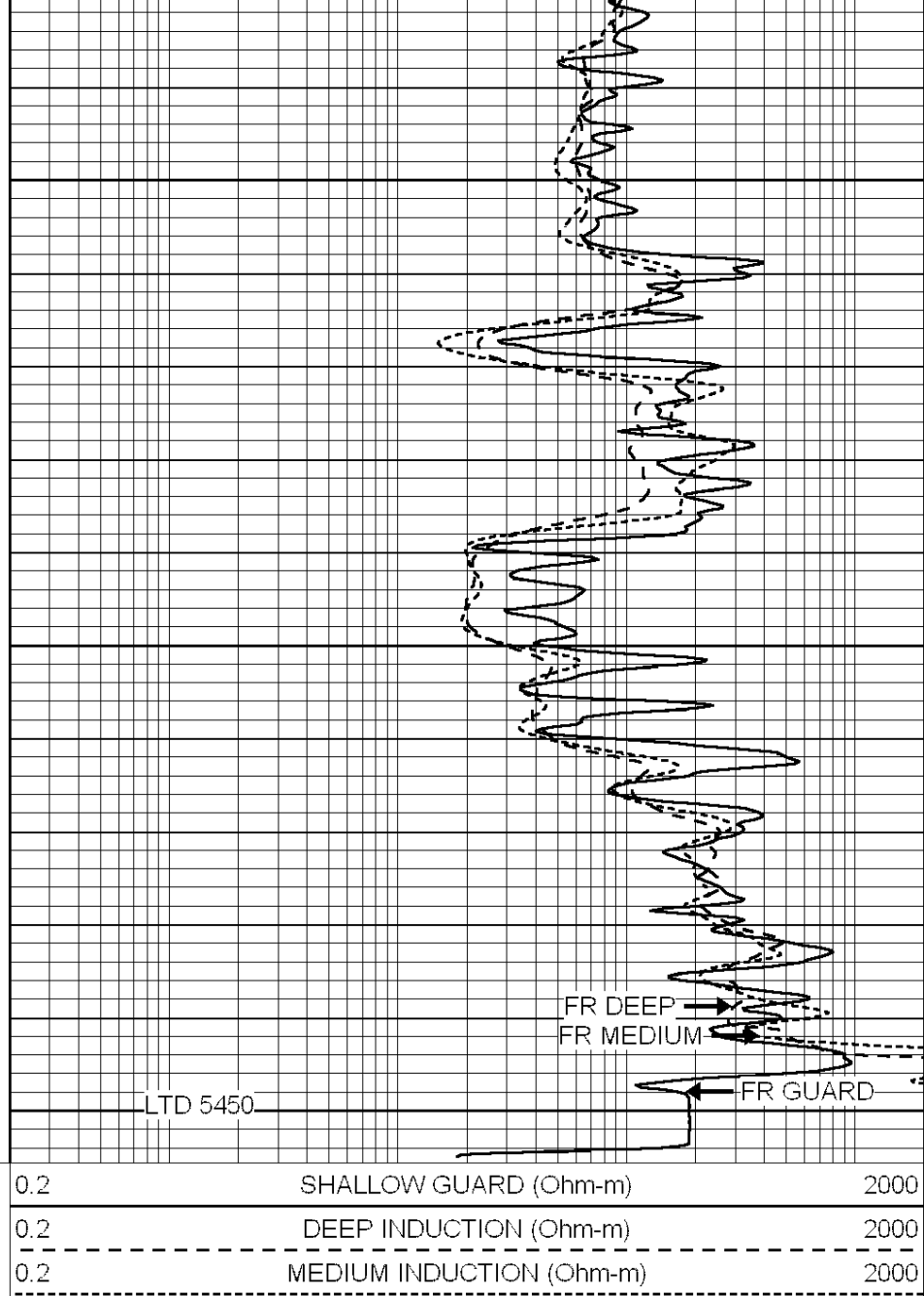




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LTD 5450

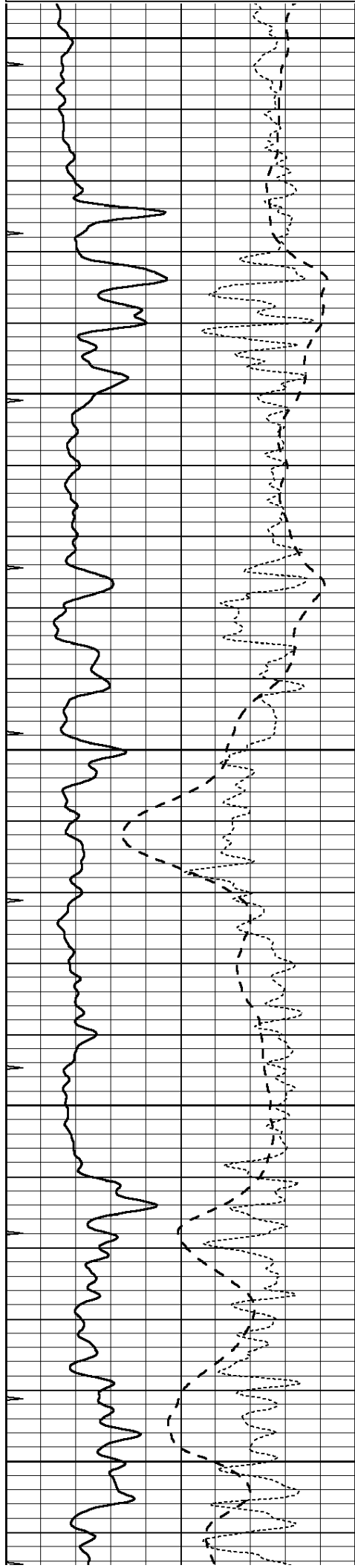


REPEAT SECTION

Database File: 25875pe.db
 Dataset Pathname: pass2.8
 Presentation Format: _dil
 Dataset Creation: Wed Sep 03 15:12:47 2014 by Calc SOC 120430
 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



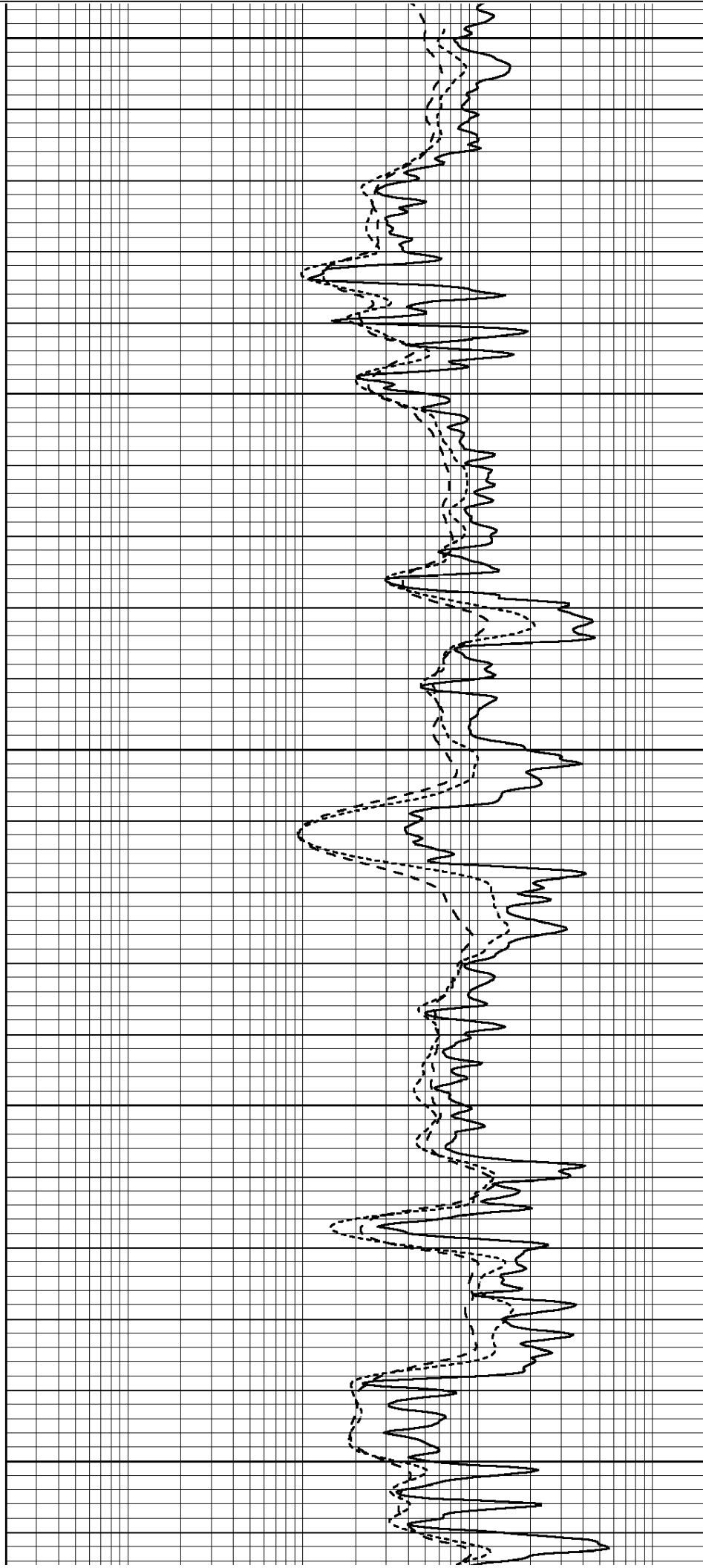
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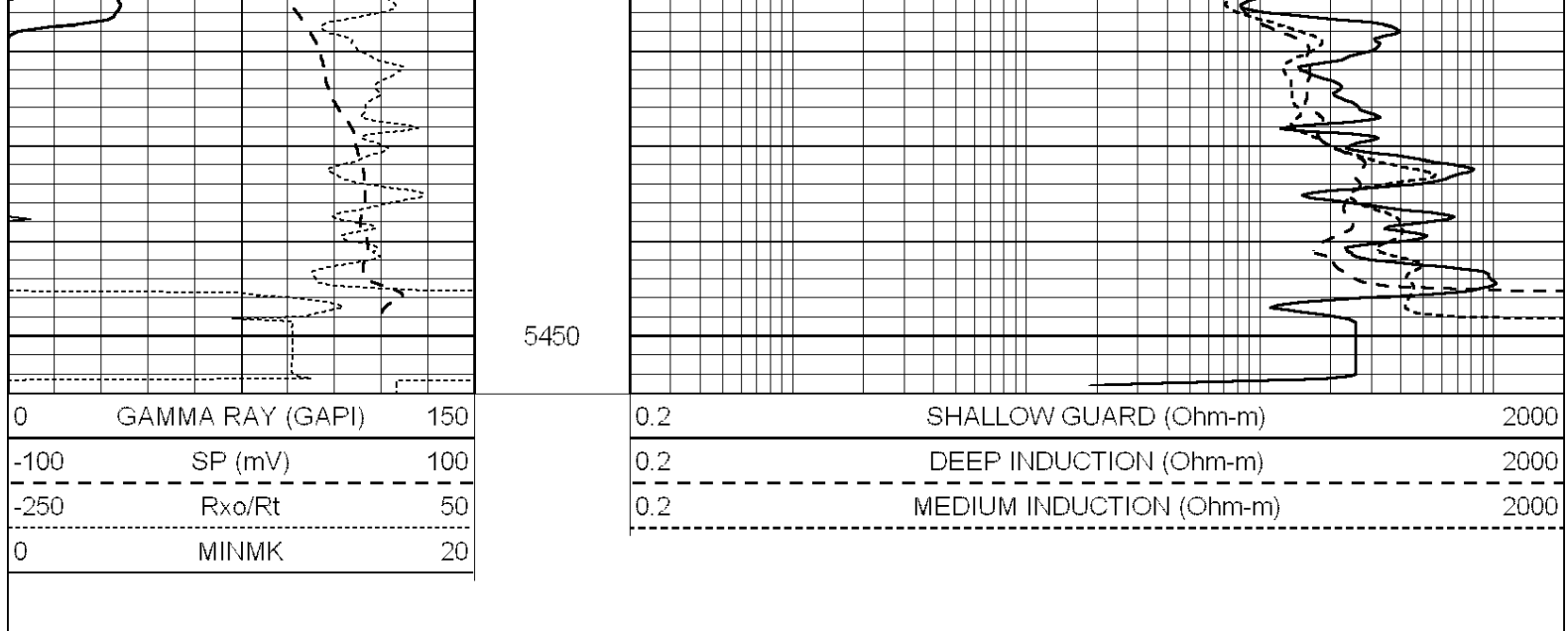
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5300

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5400





Calibration Report									
Database File:		25875pe.db							
Dataset Pathname:		pass3.7							
Dataset Creation:		Wed Sep 03 15:50:04 2014 by Calc SOC 120430							
Dual Induction Calibration Report									
Serial-Model:					PROBE9-DILG				
Surface Cal Performed:					Wed Sep 03 13:45:30 2014				
Downhole Cal Performed:					Mon Jul 28 12:02:56 2008				
After Survey Verification Performed:					Mon Jul 28 12:02:56 2008				
Surface Calibration									
		Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b	
Deep	-0.014	0.629	V	0.000	400.000	mmho/m	670.000	-12.000	
Medium	0.039	0.728	V	0.000	464.000	mmho/m	670.000	-24.000	
Internal:	Zero	Cal		Zero	Cal		m	b	
Deep	0.011	0.610	V	0.000	400.000	mmho/m	667.135	-7.256	
Medium	0.005	0.712	V	0.000	464.000	mmho/m	655.677	-3.102	
Downhole Calibration									
		Readings			References			Results	
	Zero	Cal		Zero	Cal		m'	b'	
Deep	0.000	0.000	mmho/m	14.508	388.384	mmho/m	1.000	0.000	
Medium	0.000	0.000	mmho/m	166.367	504.400	mmho/m	1.000	0.000	
LL3		7.500	V		1400.000	Ohm-m			
		0.000	V		20.000	Ohm-m			
		-7.200	V		4000.000	mmho-m			
After Survey Verification									
		Readings			Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'	
Deep	0.000	0.000	mmho/m	0.000	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: 004N Model: PRB

Master Calibration

Performed Fri May 30 11:01:00 2014

	Background	Magnesium	Aluminum	Sandstone	
Window 1	1378.8	10804.6	3492.0	12453.4	cps
Window 2	1262.4	9313.5	3076.7	10594.7	cps
Window 3	1077.6	5668.7	2076.0	6314.8	cps
Window 4	306.4	313.0	306.4	315.6	cps
Long Space	0.0	8051.0	1814.3	9332.3	cps
Short Space	1.9	1706.1	1146.0	1707.6	cps
Rho		1.7100	2.5900	1.3800	g/cc
Pe		0.0000	2.5700	1.5500	
Rib Angle	: 45.0	Rib Slope	: 1.002	Density/Spine Ratio	: 0.571
Spine Angle	: 75.0	Spine Slope	: 3.745	Spine Intercept	: -18.9

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: 070808
Tool Model: Probe

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:	Mon Jun 30 21:53:39 2014	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.2800	GAPI/cps