



SUPERIOR
Hays,
Kansas

DUAL INDUCTION LOG

Company	VINCENT OIL CORPORATION	Company	VINCENT OIL CORPORATION
Well	REYNOLDS #1-33	Well	REYNOLDS #1-33
Field	MULLBERRY CREEK	Field	MULLBERRY CREEK
County	FORD	County	FORD
State	KANSAS	State	KANSAS
Location:	AP1 # : 15-057-20774-0000 2513' FSL & 330' FWL	Other Services CDL/CNL/PE MEL/SONIC	
Permanent Datum	GROUND LEVEL	Elevation	2513
Log Measured From	KELLY BUSHING 13' A.G.L.		
Drilling Measured From	KELLY BUSHING		
SEC 33 TWP 28S RGE 23W			
Date	1/2/12		
Run Number	ONE		
Depth Driller	5650		
Depth Logger	5652		
Bottom Logged Interval	5650		
Top Log Interval	00		
Casing Driller	8 5/8"@846'		
Casing Logger	646		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 14,400 PPM	
Density / Viscosity	9.2/46		
pH / Fluid Loss	8.5/22.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.400@70F		
Rmt @ Meas. Temp	.300@70F		
Rmc @ Meas. Temp	.480@70F		
Source of Rmt / Rmc	MEASUREMENT		
Rm @ BHT	.214@131F		
Time Circulation Stopped	3 HOURS		
Time Logger on Bottom	11:30 P.M.		
Maximum Recorded Temperature	131F		
Equipment Number	4010		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	JIM HALL		

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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 SUPERIOR WELL SERVICE HAYS, KANSAS (785) 628-6395
DIRECTIONS

KINGSDOWN, KS. & HWY 54, 2N. ON "RD. 125" TO "WILBURN RD.", 5W. TO "RD. 120", 1/2N. TO SECOND
TANK BATTERY, E. INTO THEN S. THROUGH FENCE



SUPERIOR
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MAIN SECTION

Database File: 008131pe.db
Dataset Pathname: pass3.9
Presentation Format: dil2
Dataset Creation: Mon Jan 02 02:12:10 2012
Charted by: Depth in Feet scaled 1:600

0	Gamma Ray (GAPI)	150
-100	SP (mV)	100

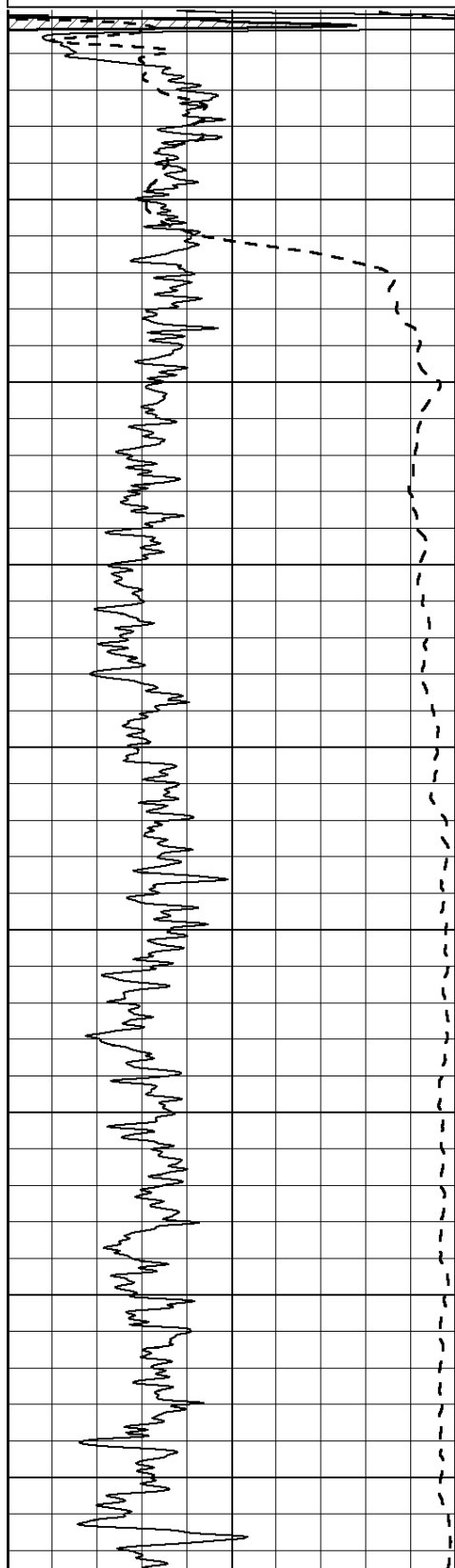
0	RLL3 (Ohm-m)	50
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0	RILD (Ohm-m)	50
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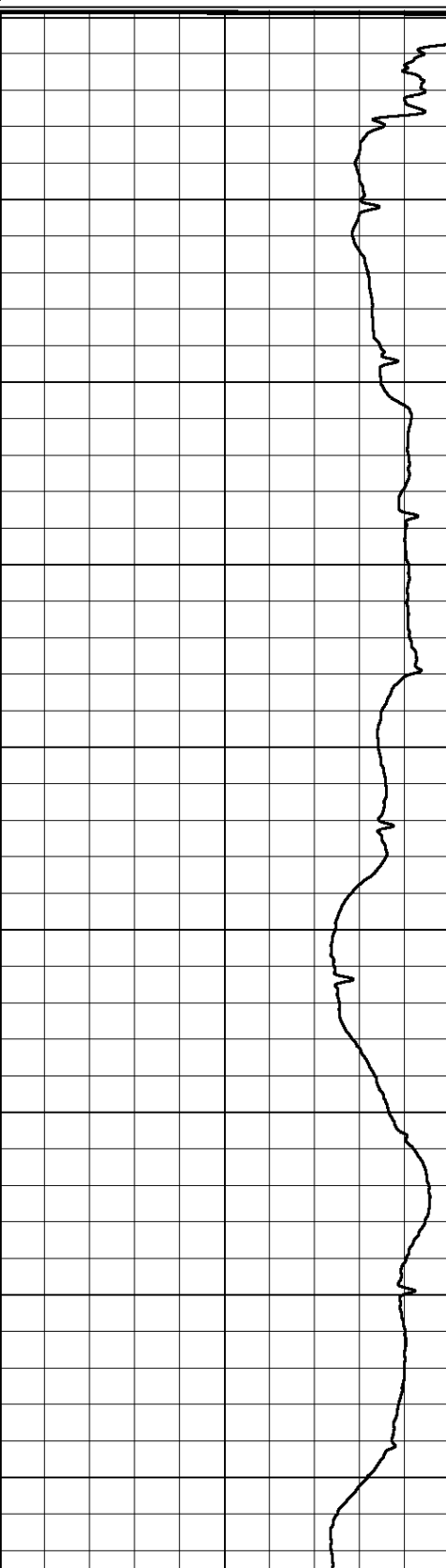
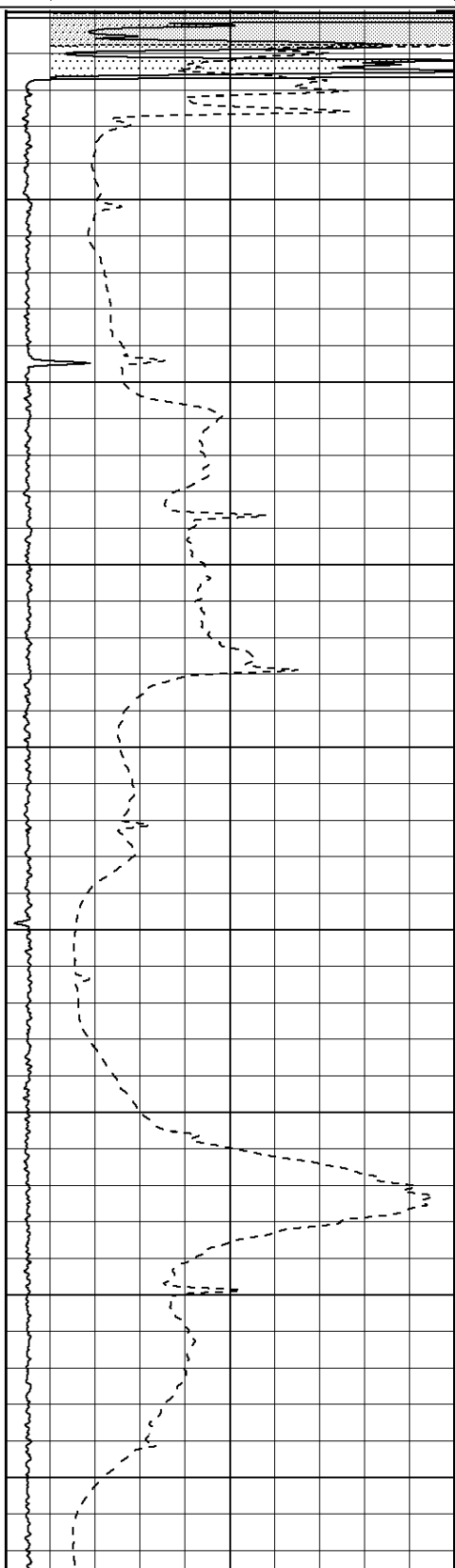
1000	CILD (mmho/m)	0
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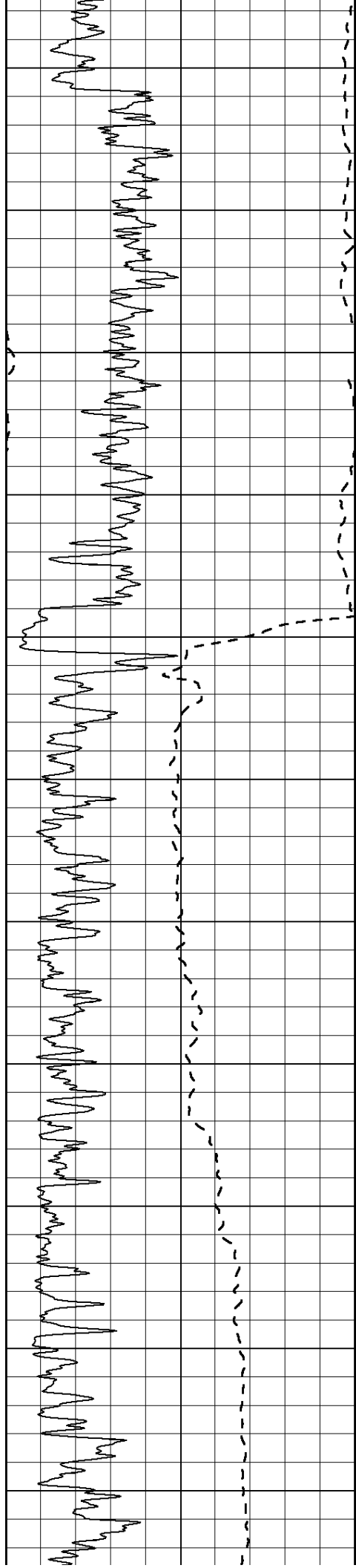
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50	RLL3 X10 (Ohm-m)	500
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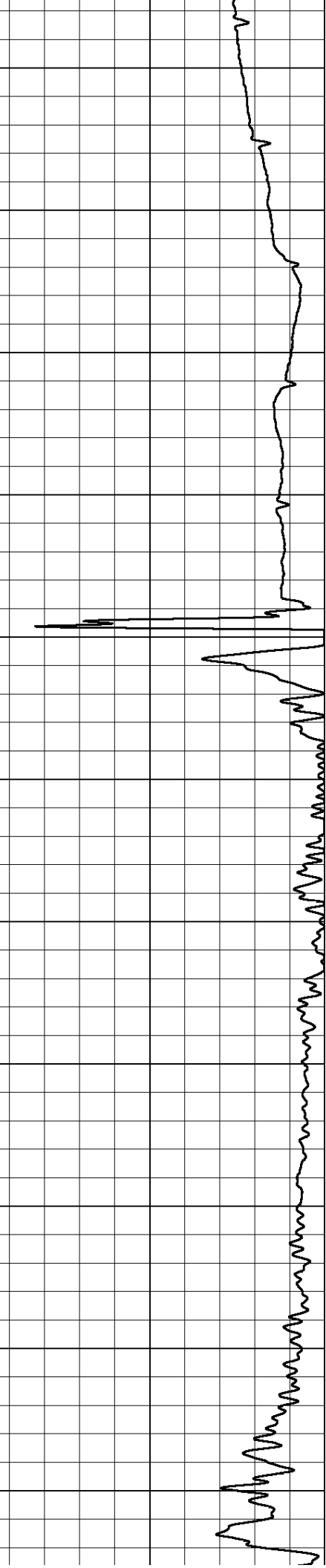
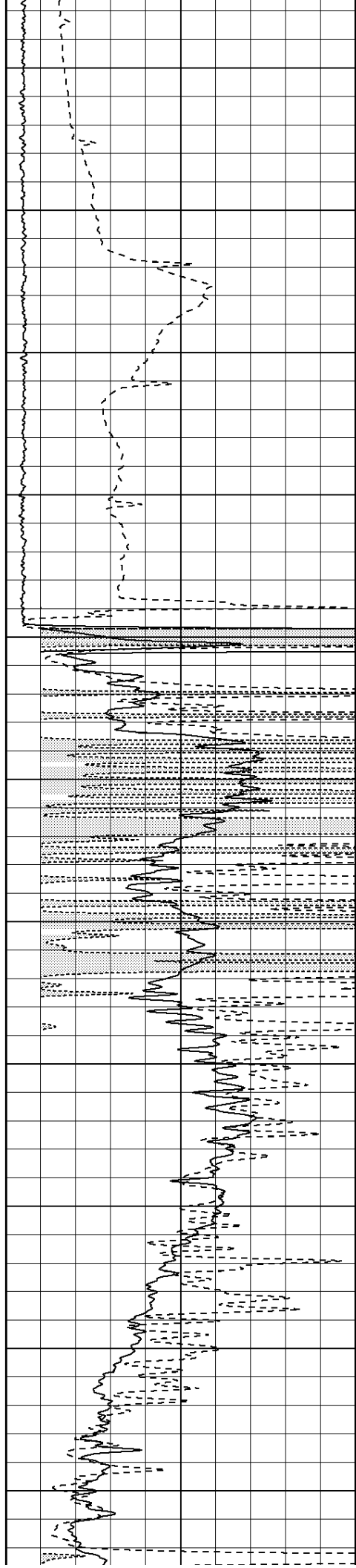


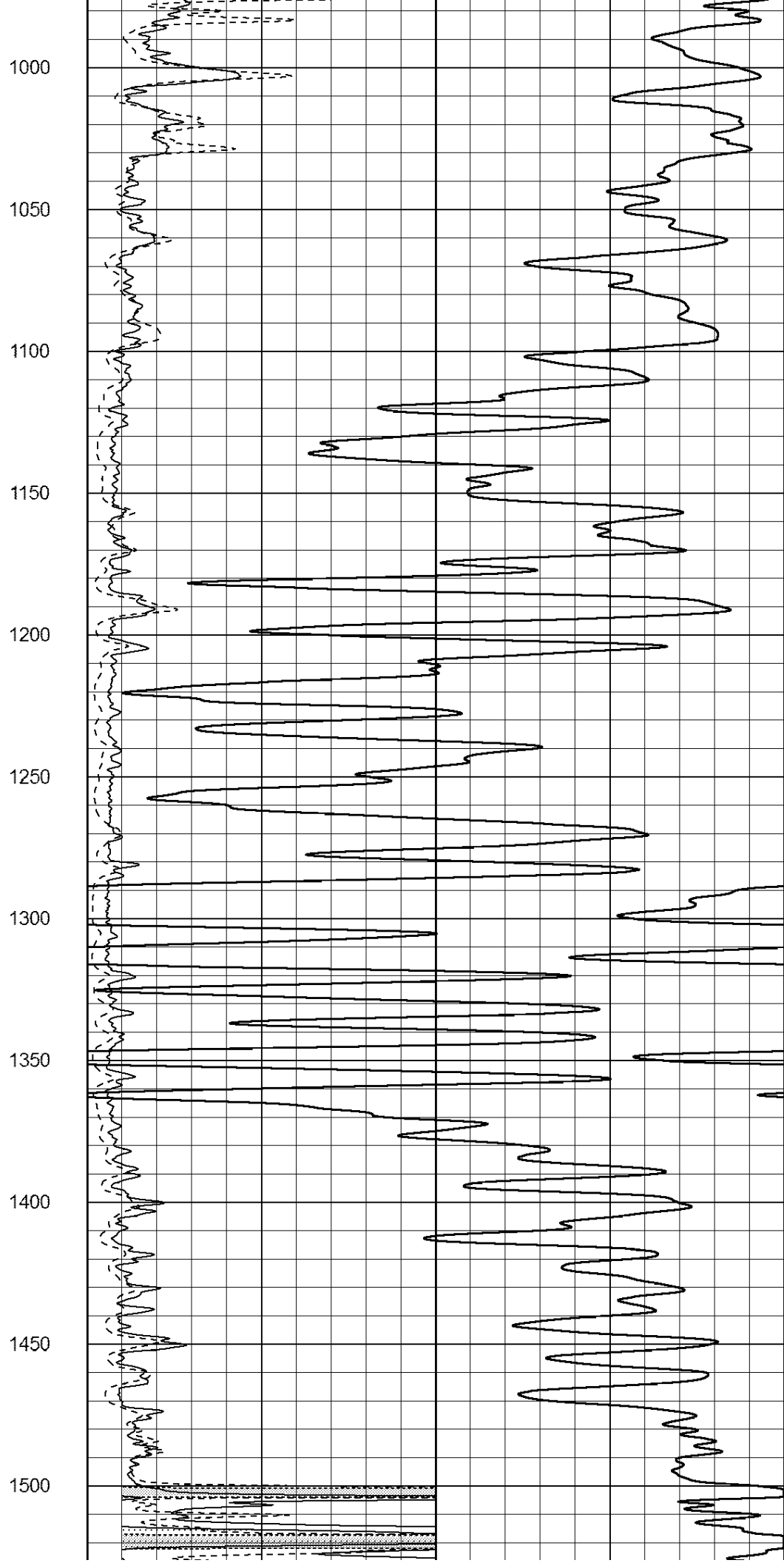
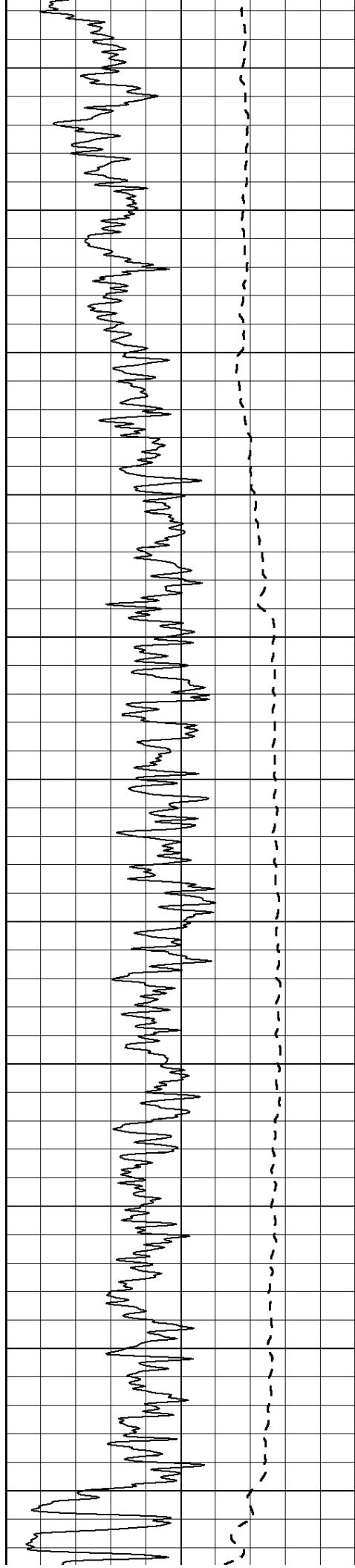
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50
100
150
200
250
300
350
400

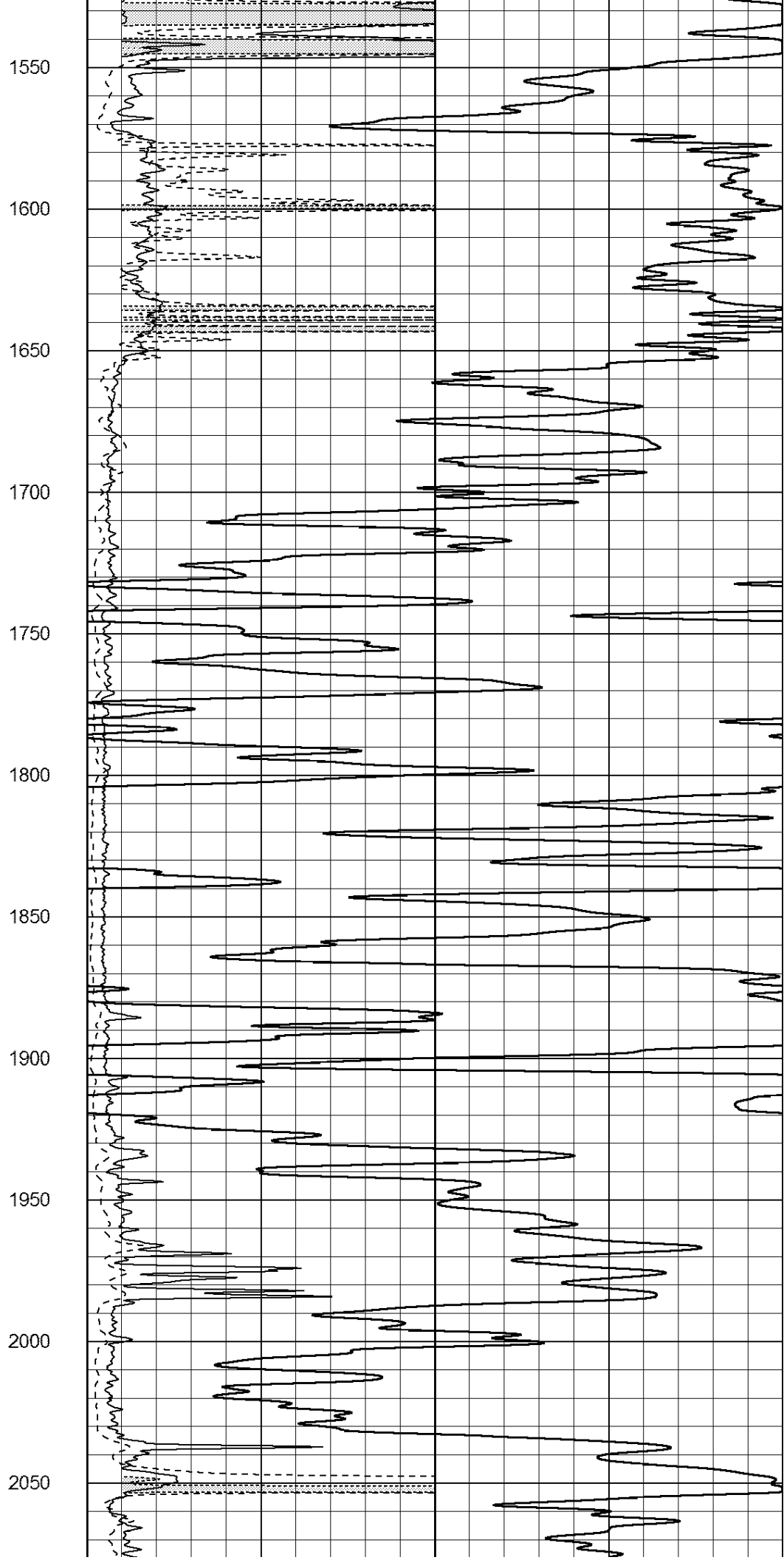
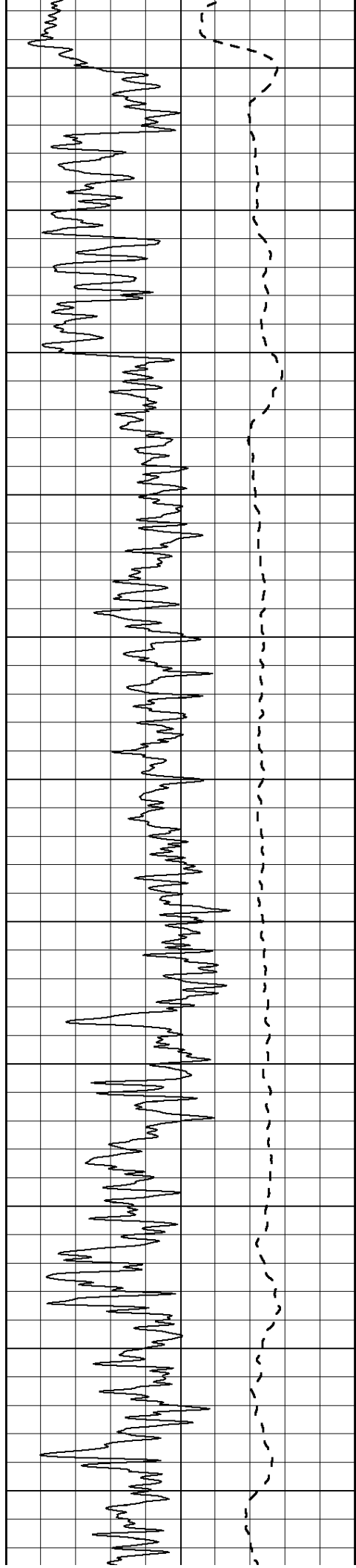


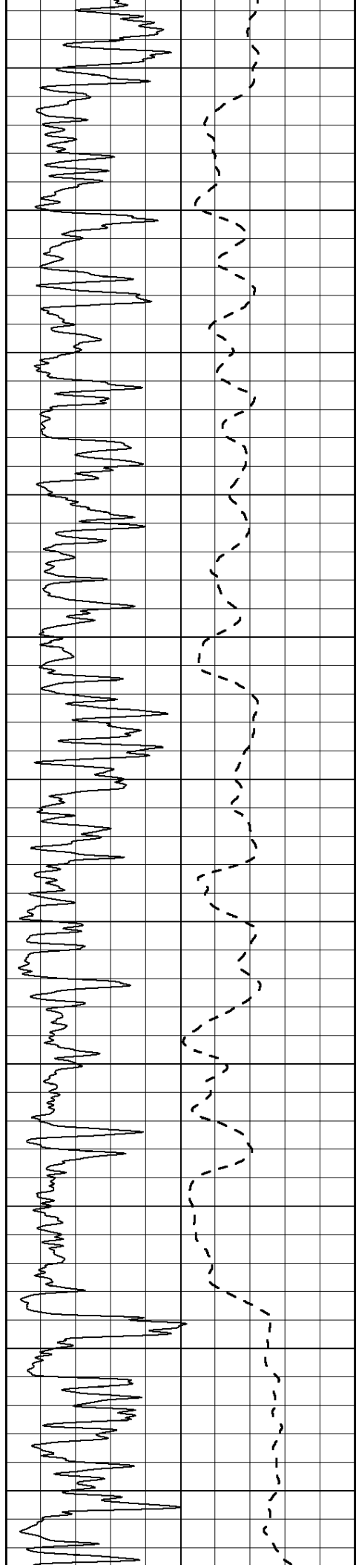


450
500
550
600
650
700
750
800
850
900
950









2100

2150

2200

2250

2300

2350

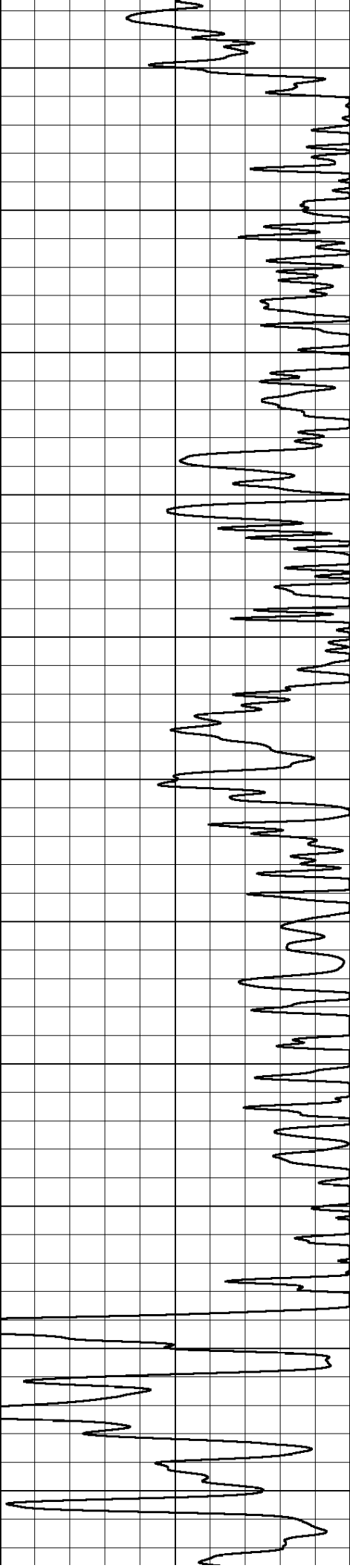
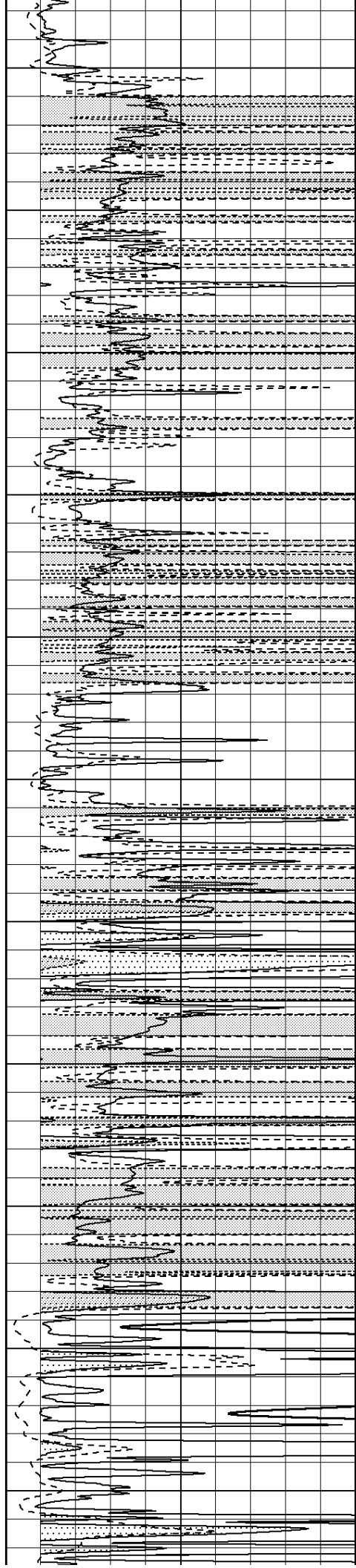
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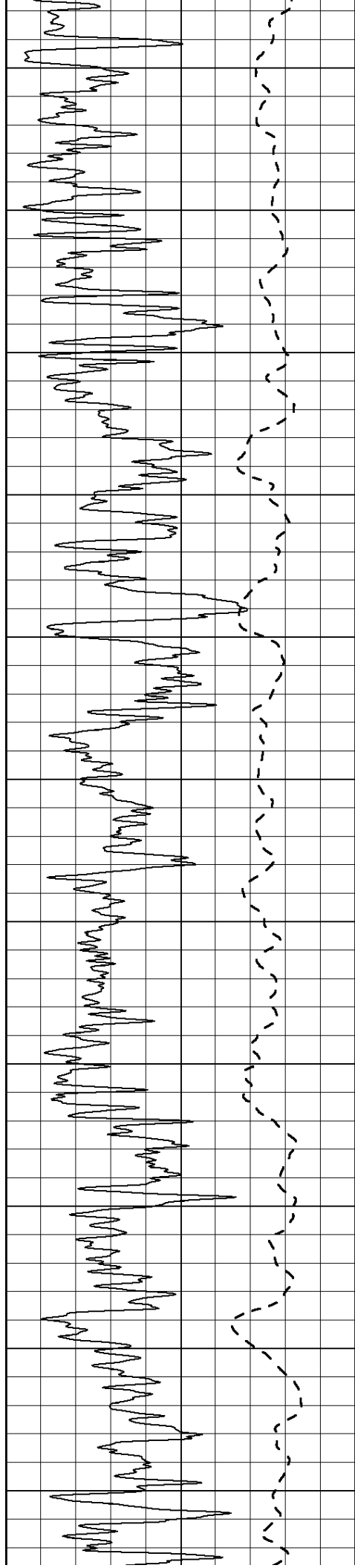
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2500

2550

2600





2650

2700

2750

2800

2850

2900

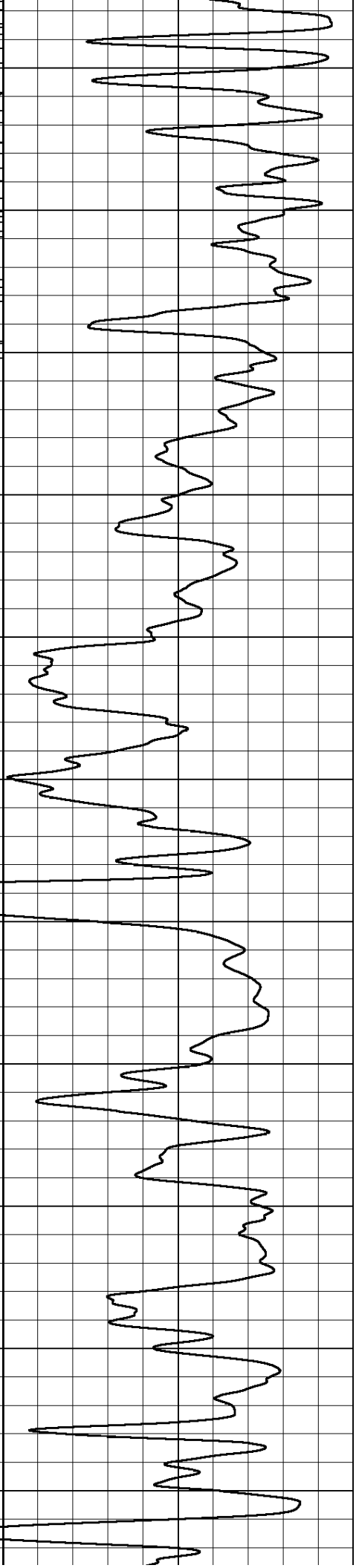
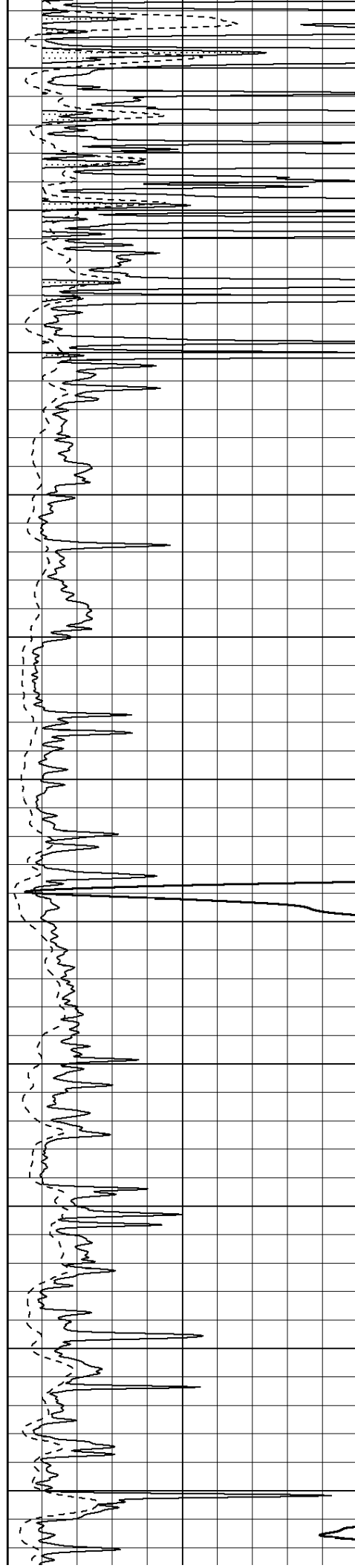
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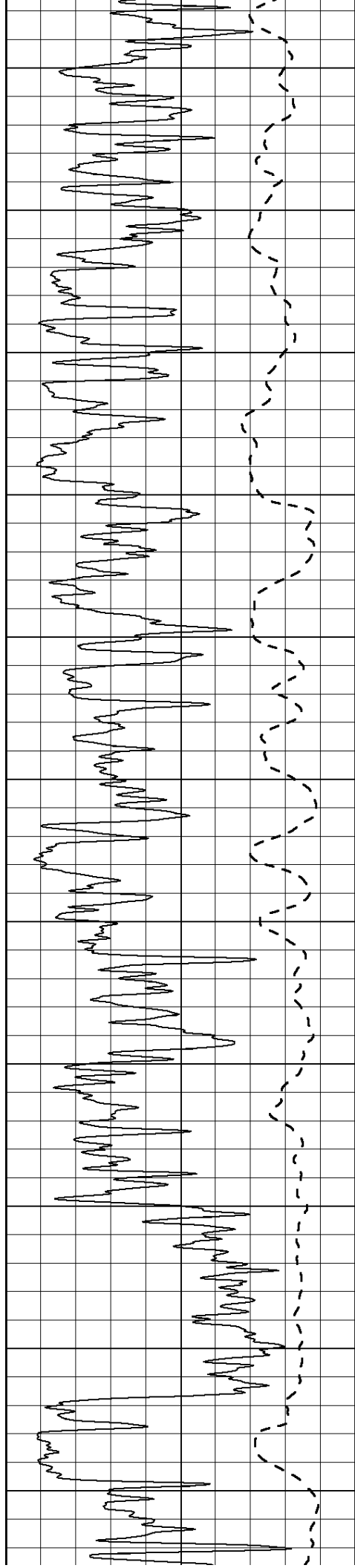
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3100

3150





3200

3250

3300

3350

3400

3450

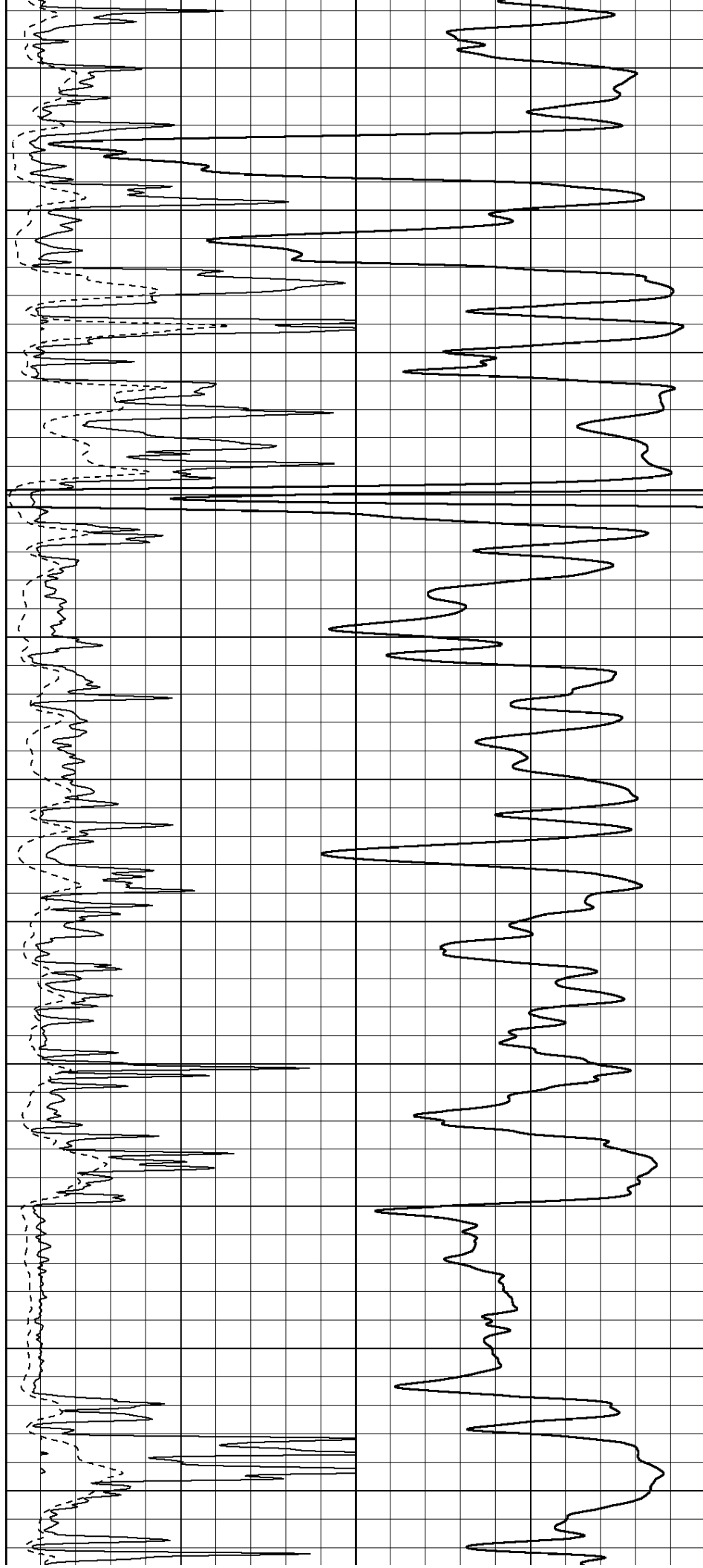
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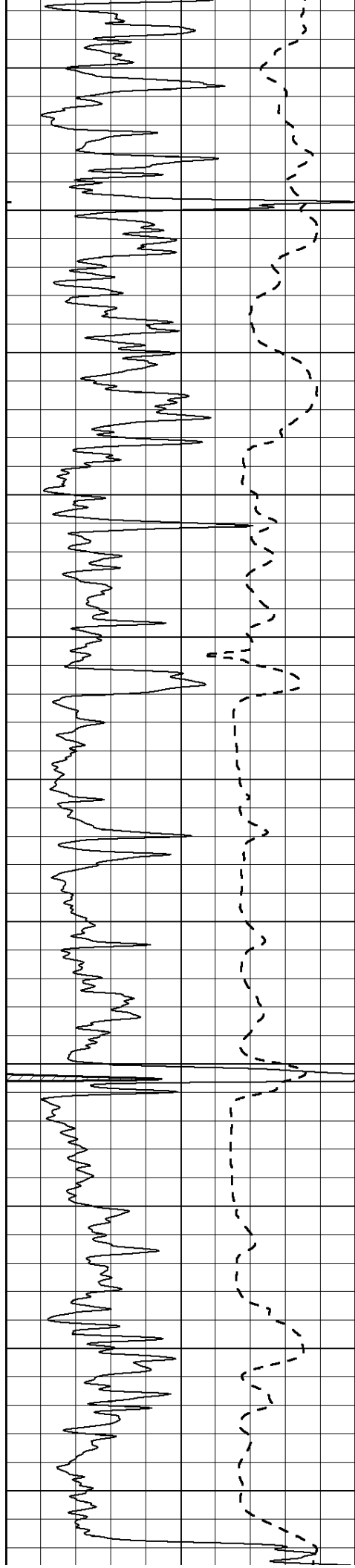
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3650

3700





3750

3800

3850

3900

3950

4000

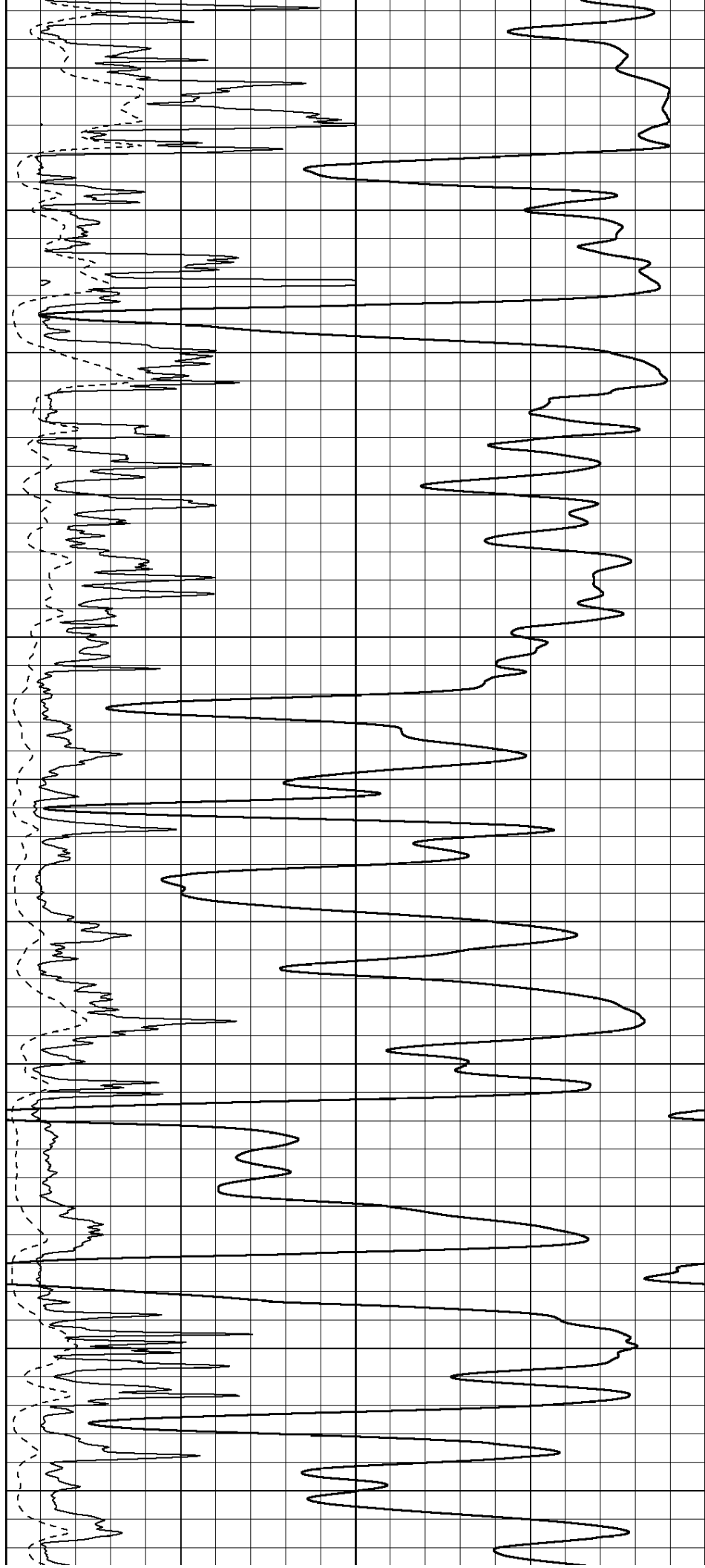
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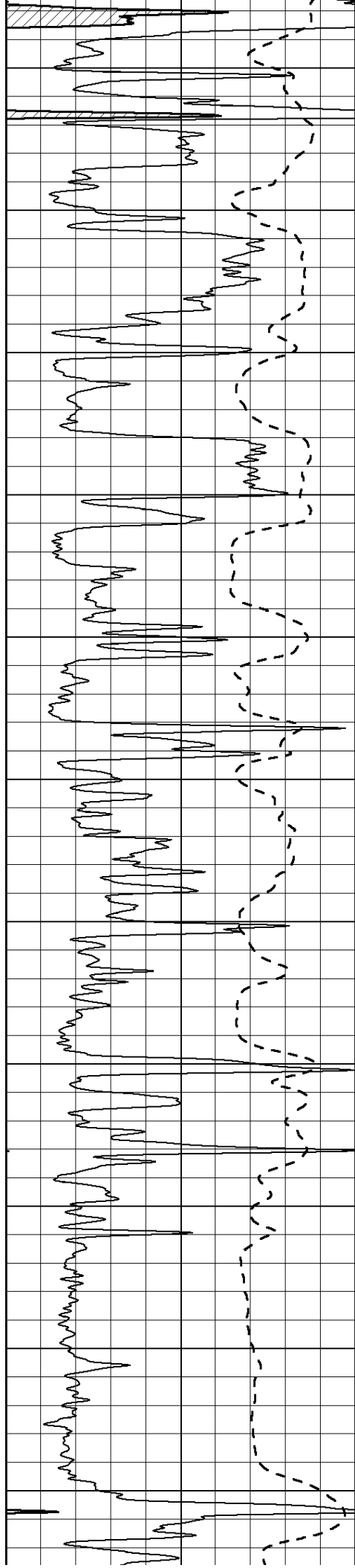
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4150

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4250





4300

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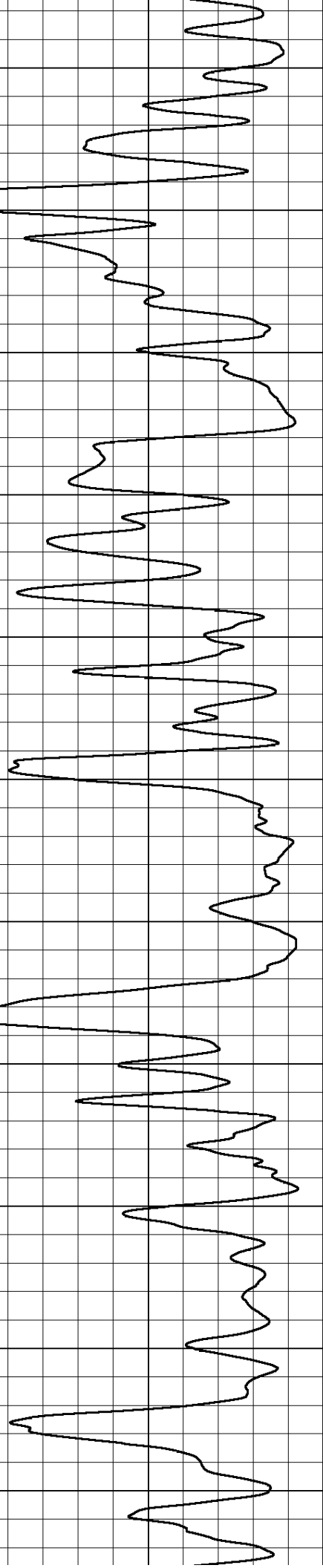
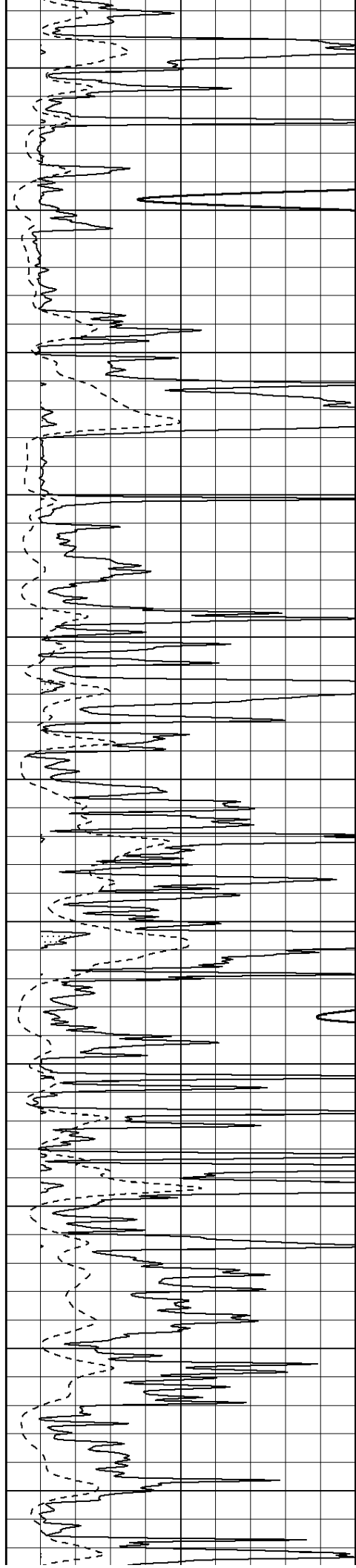
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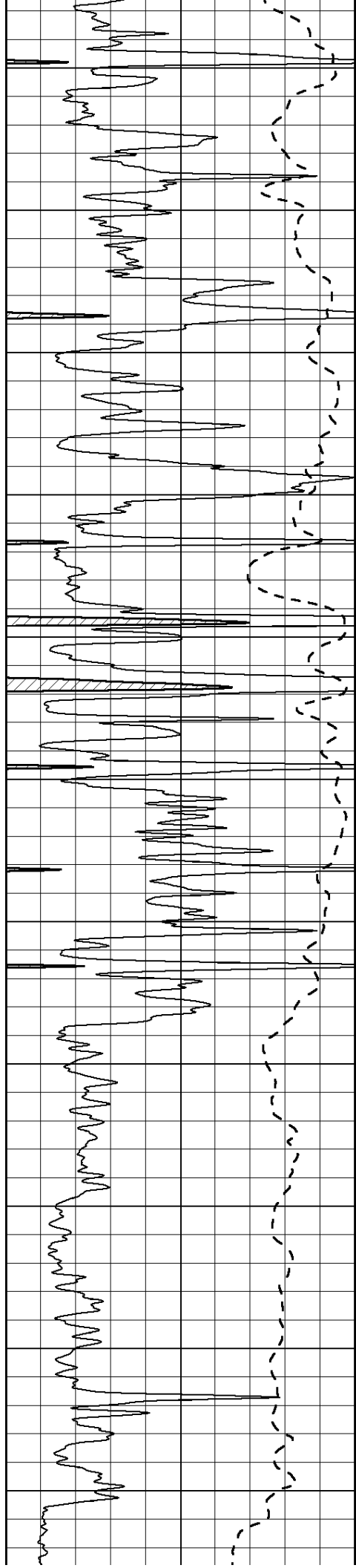
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4800





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4900

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5050

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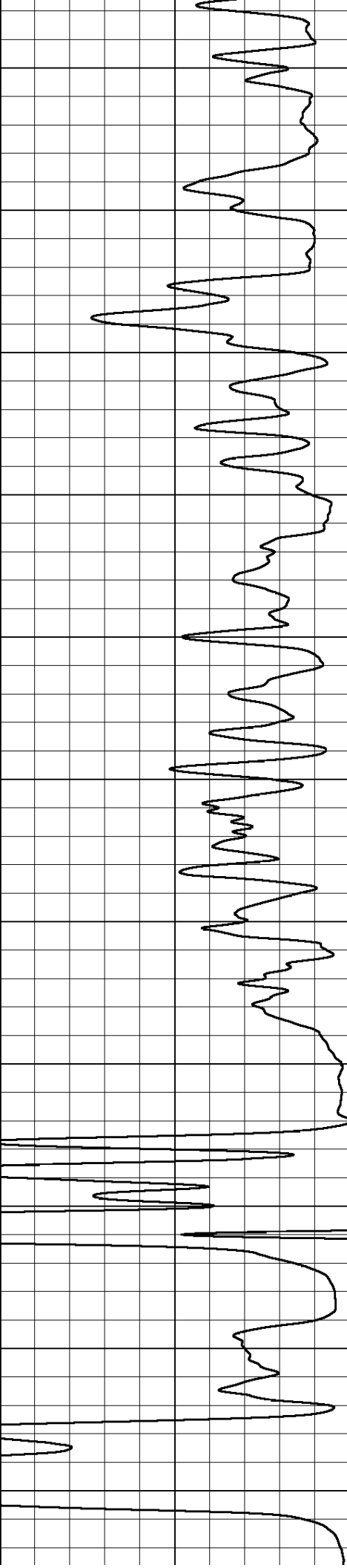
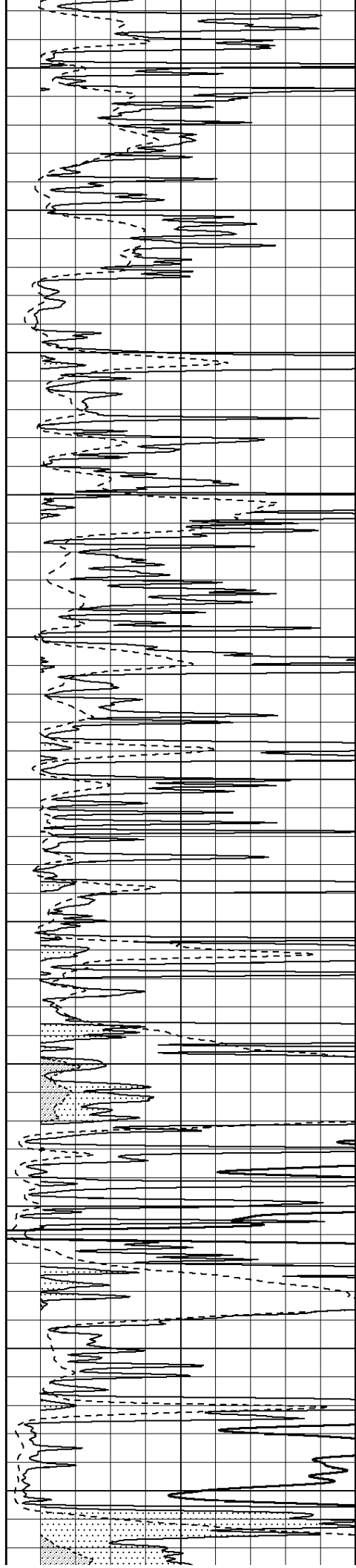
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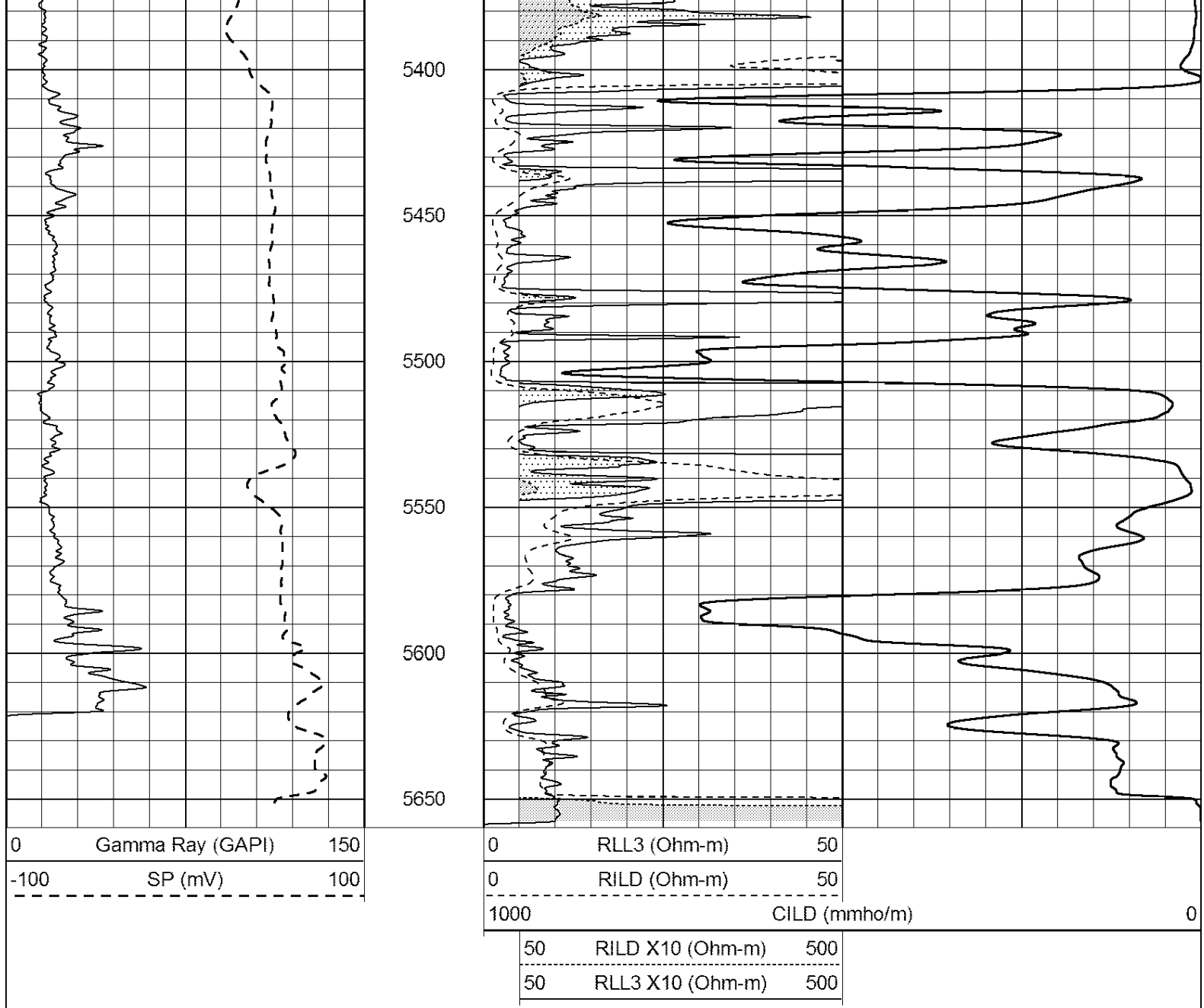
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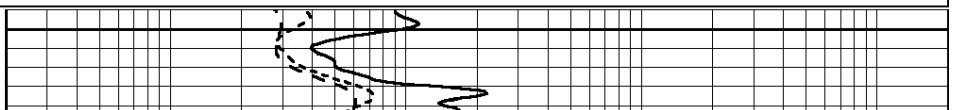
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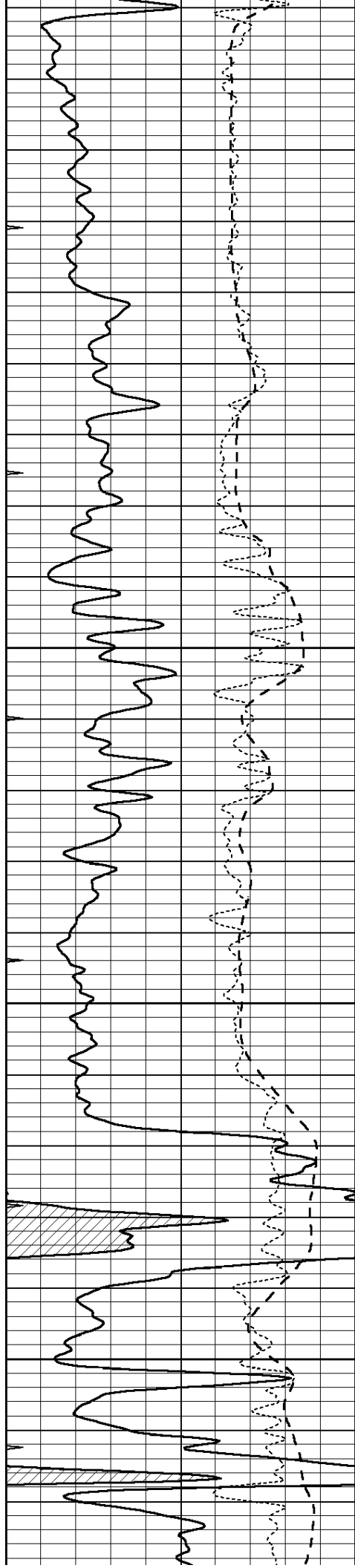
MAIN SECTION

Database File: 008131pe.db
Dataset Pathname: pass3.9
Presentation Format: dil
Dataset Creation: Mon Jan 02 02:12:10 2012
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



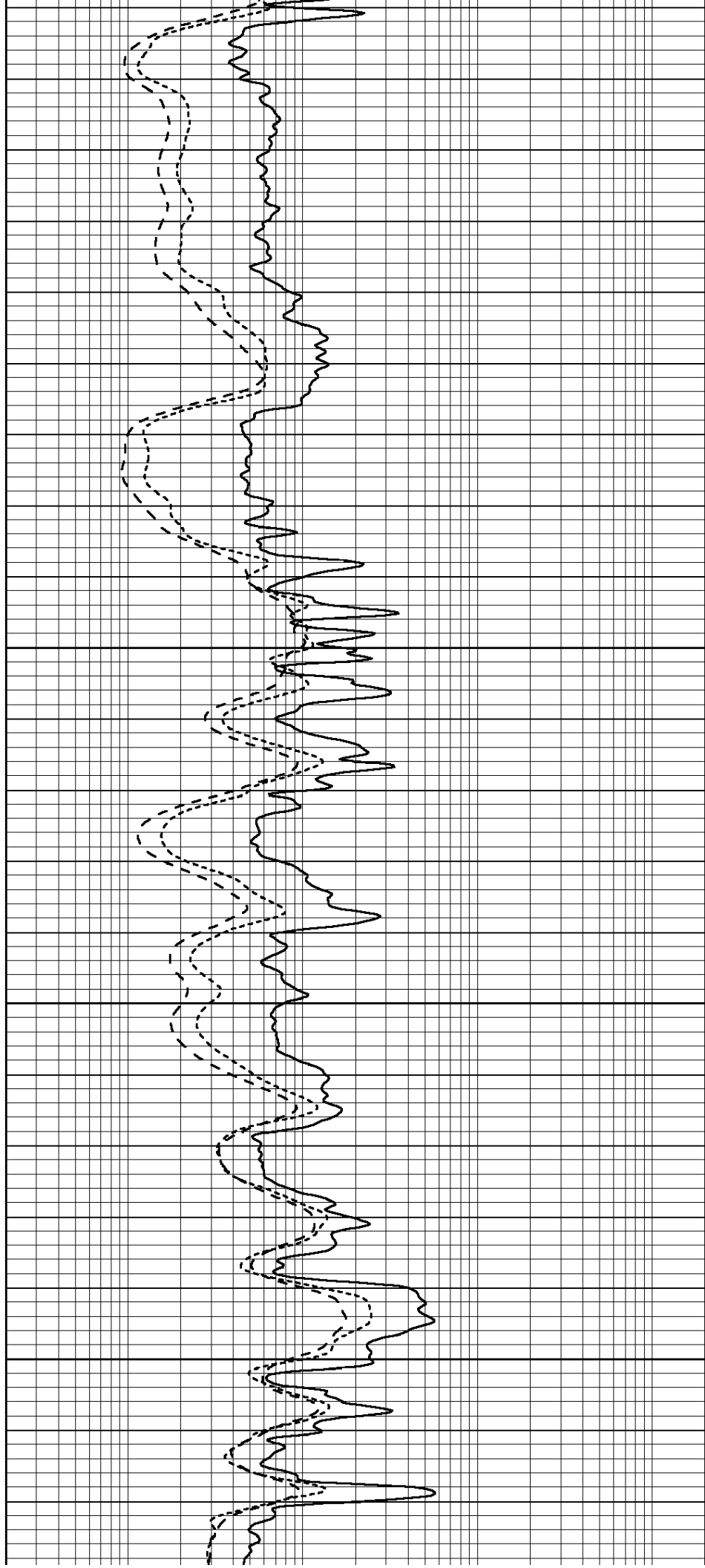


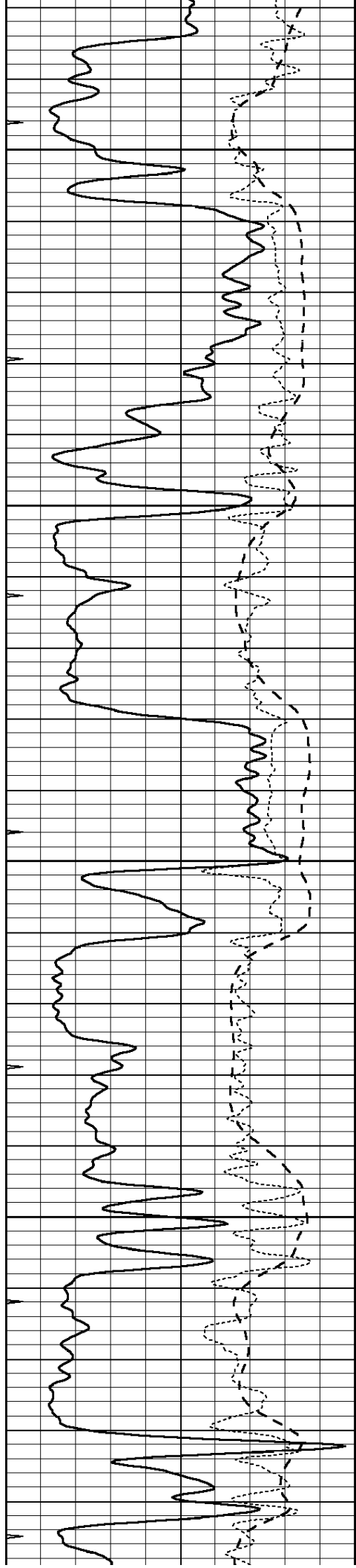
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4300



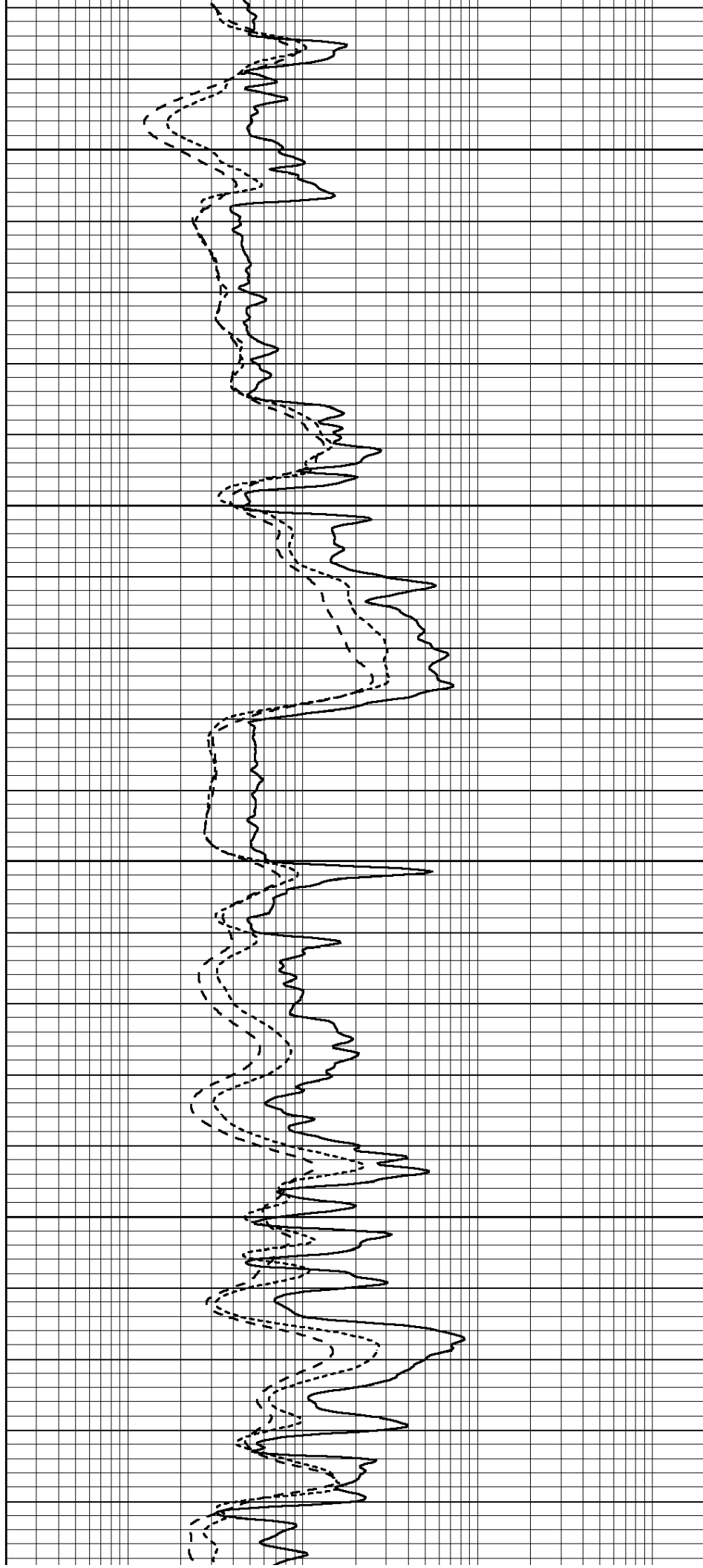


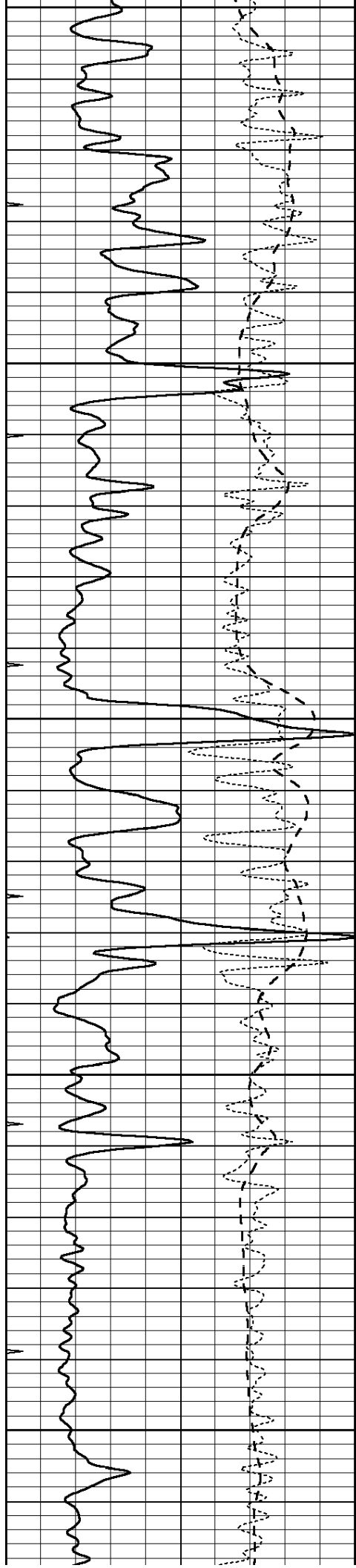
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4400

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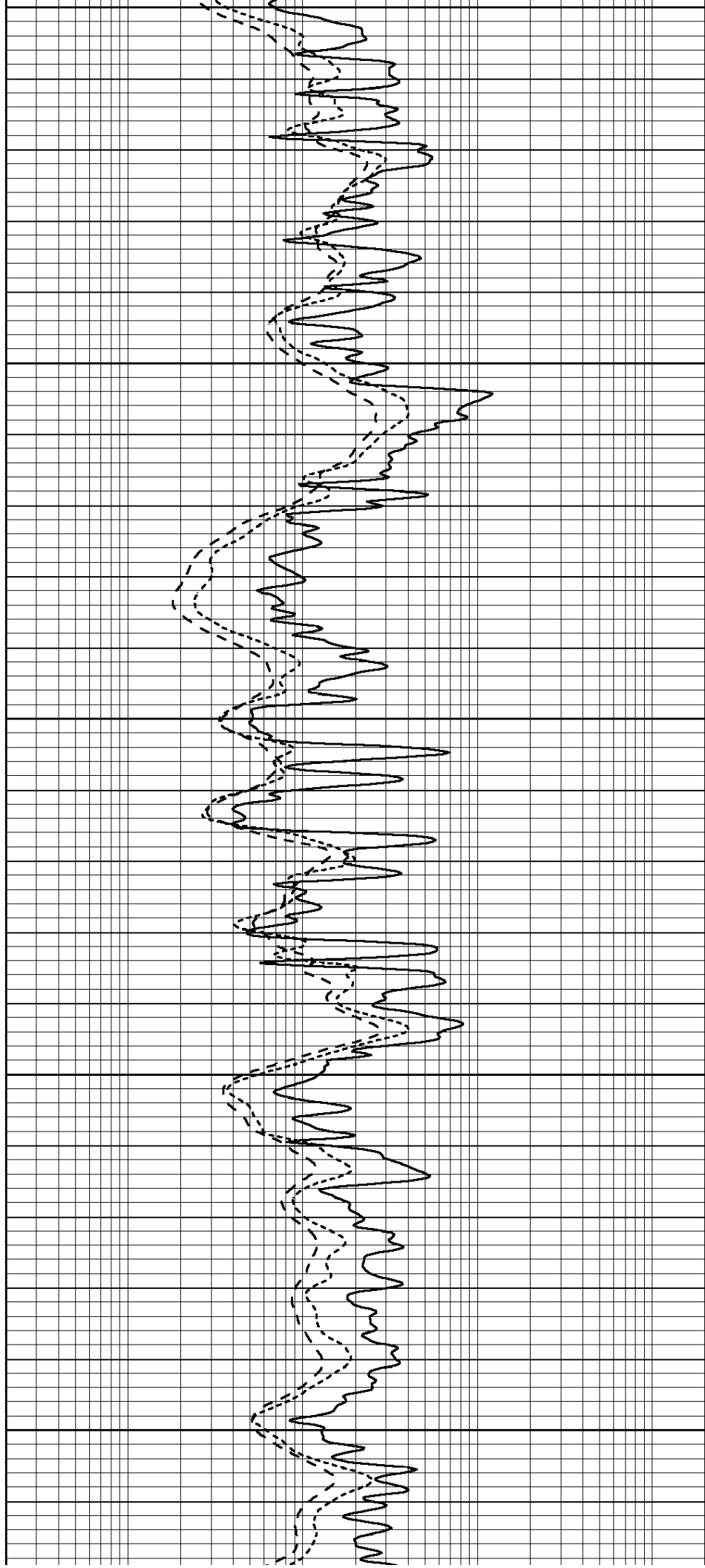
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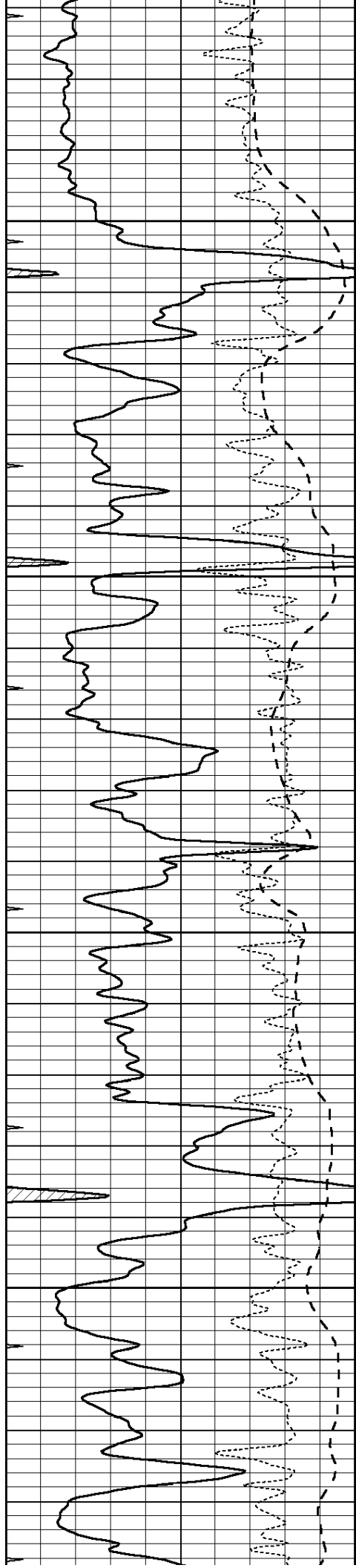
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4750



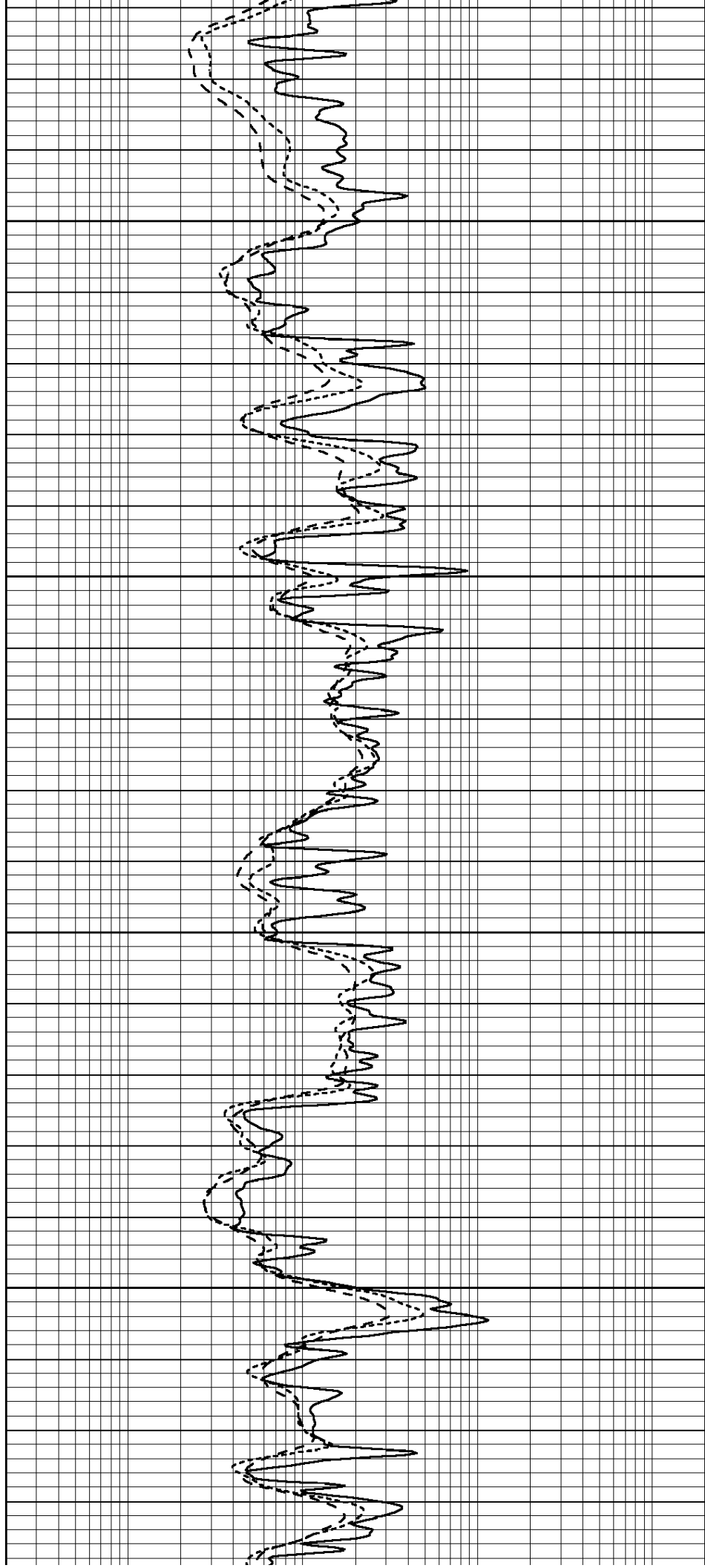


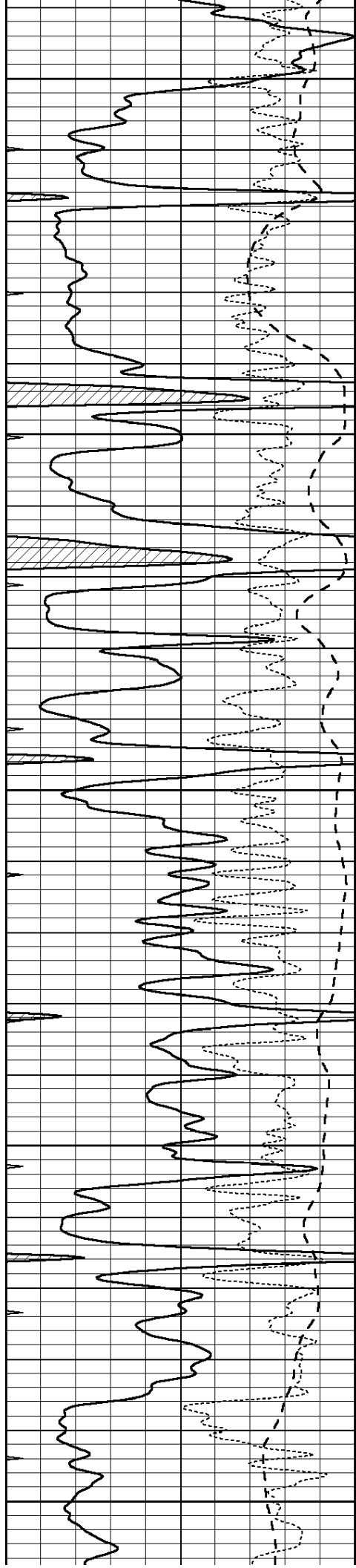
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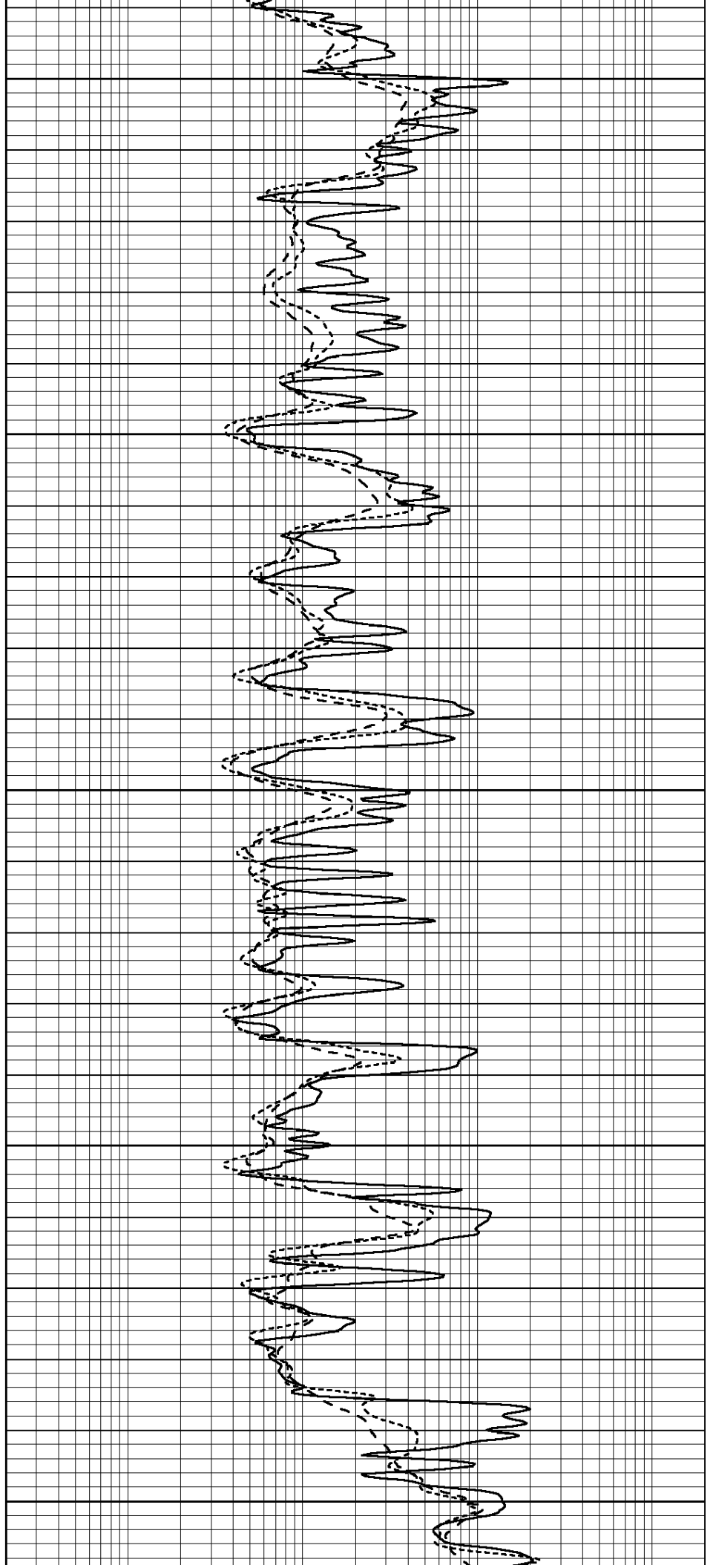
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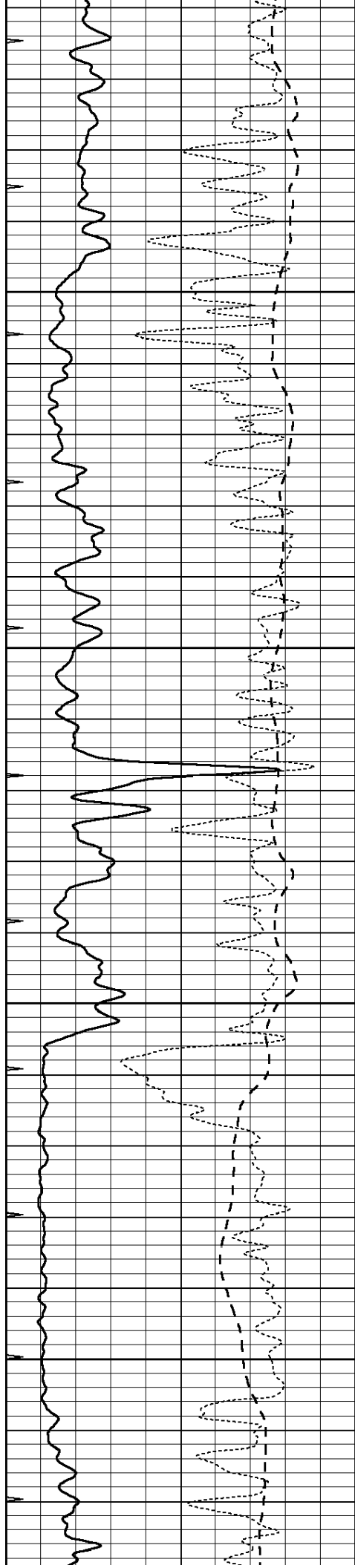
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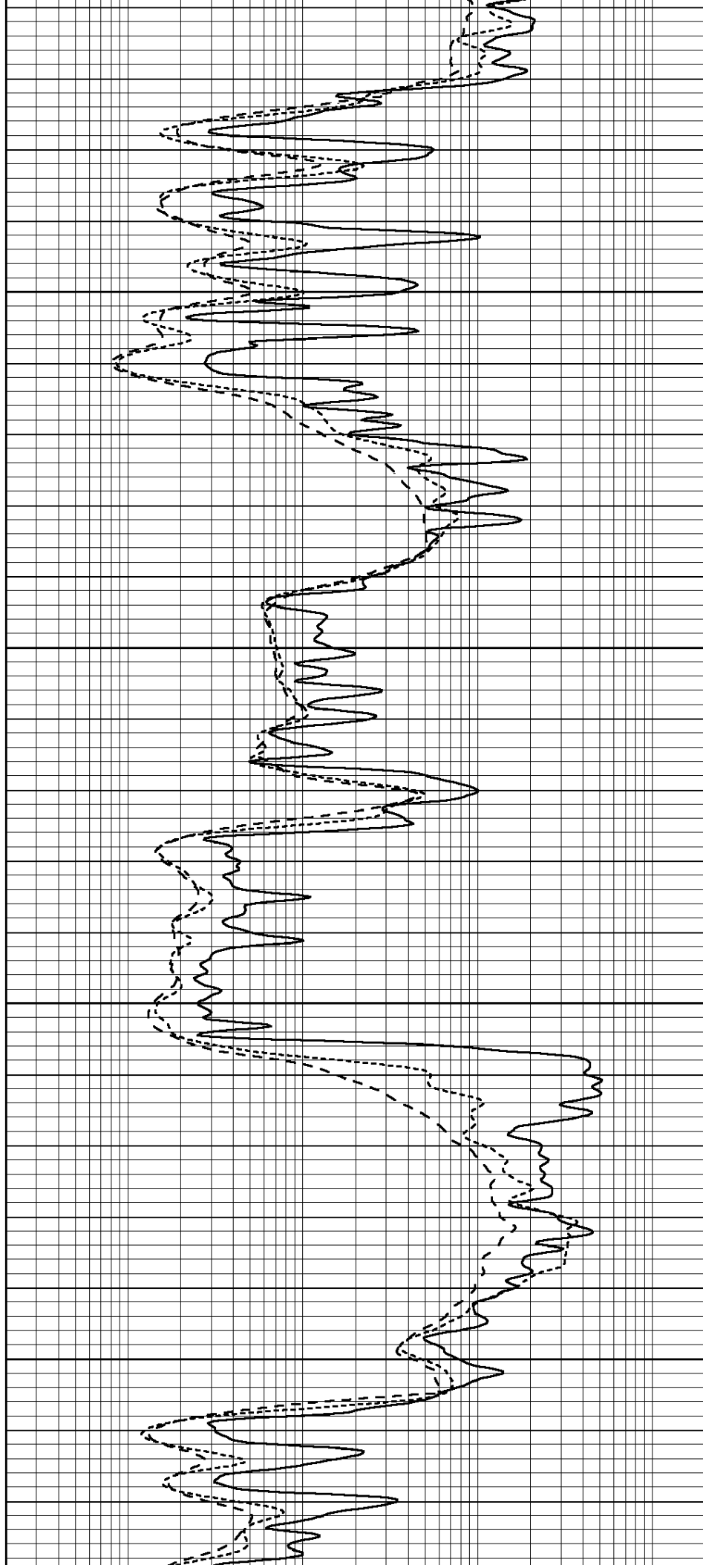


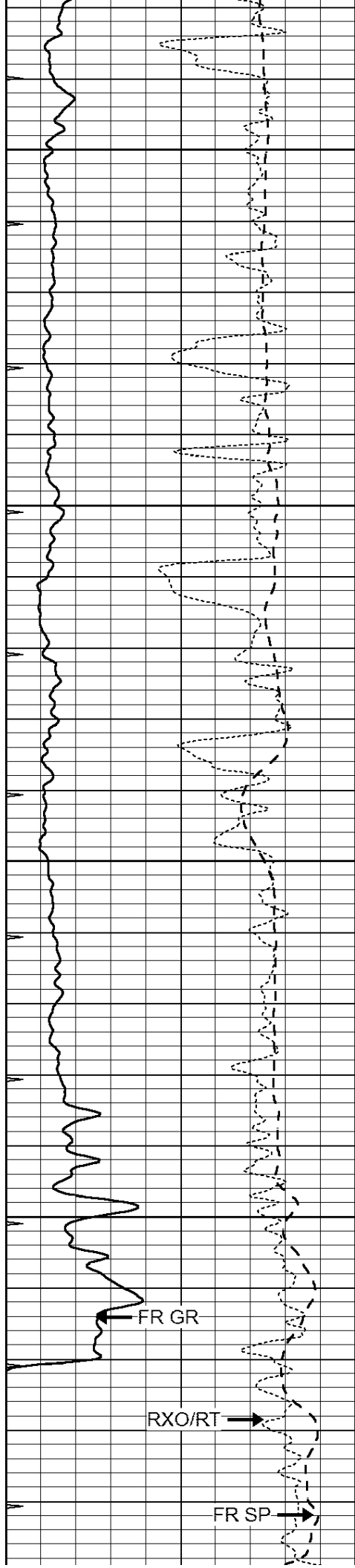
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5400





5450

5500

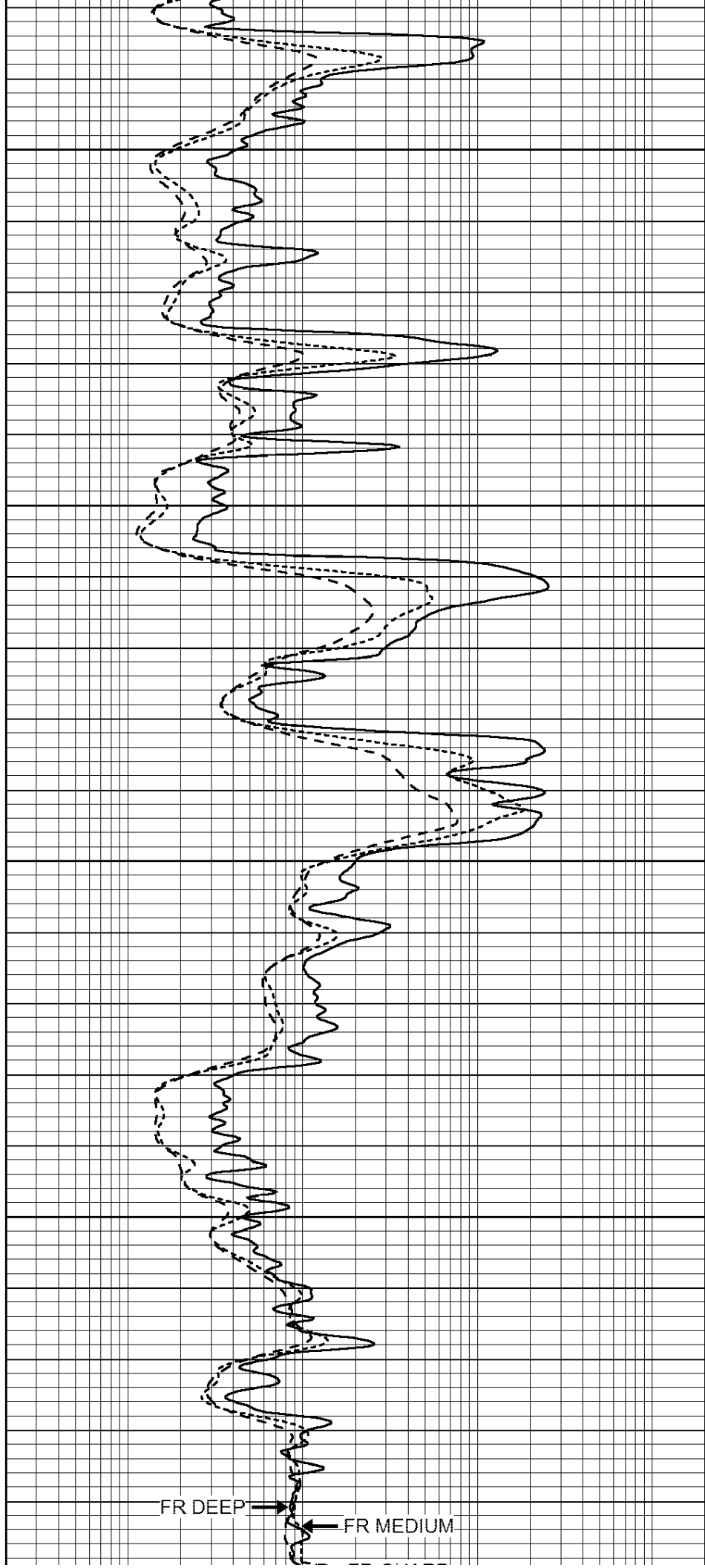
5550

5600

FR GR

RXO/RT

FR SP



FR DEEP

FR MEDIUM

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

5650
LTD 5652

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



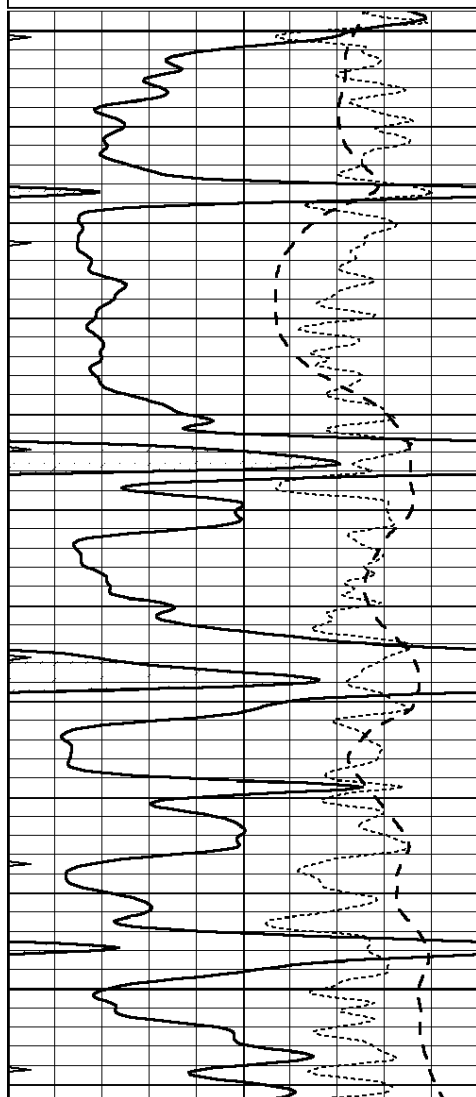
SUPERIOR
Hays,
Kansas

REPEAT SECTION

Database File: 008131pe.db
Dataset Pathname: pass2.7
Presentation Format: dil
Dataset Creation: Mon Jan 02 00:24:38 2012
Charted by: Depth in Feet scaled 1:240

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

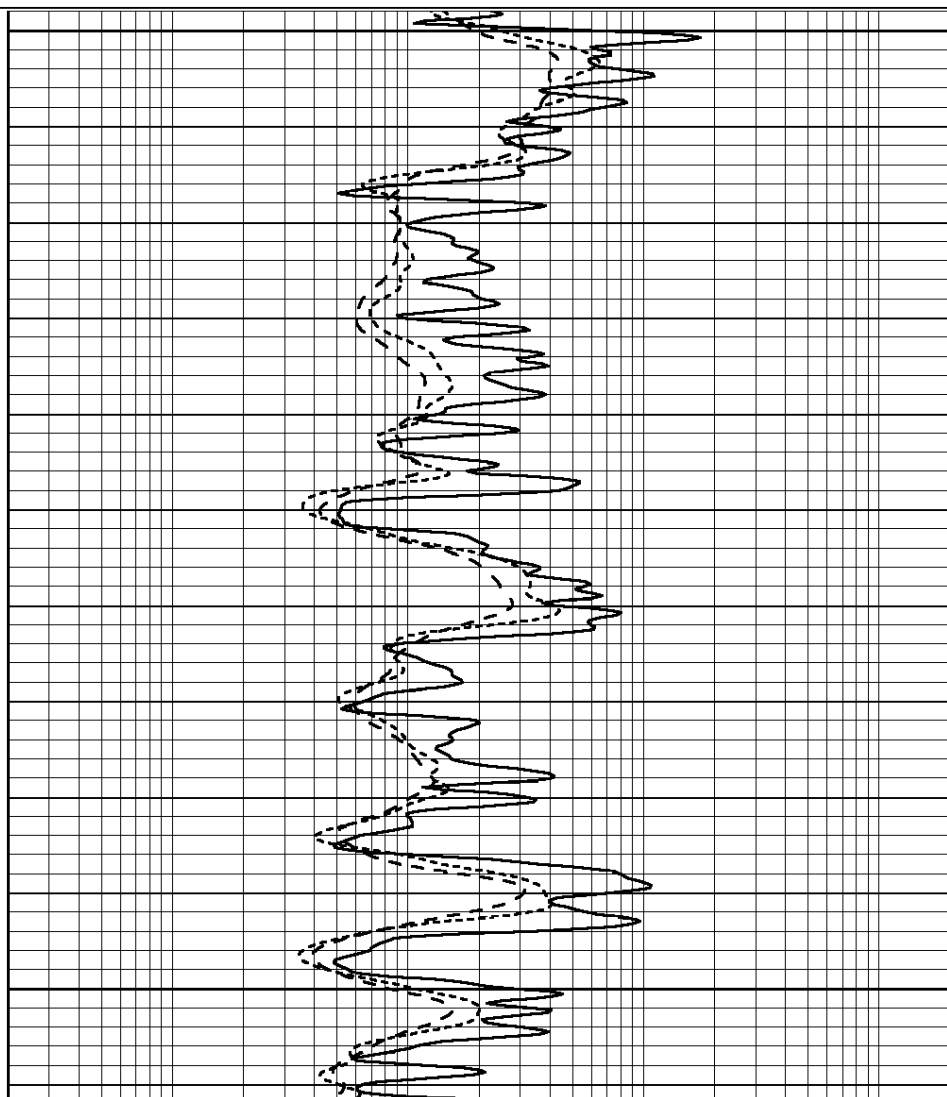
0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000

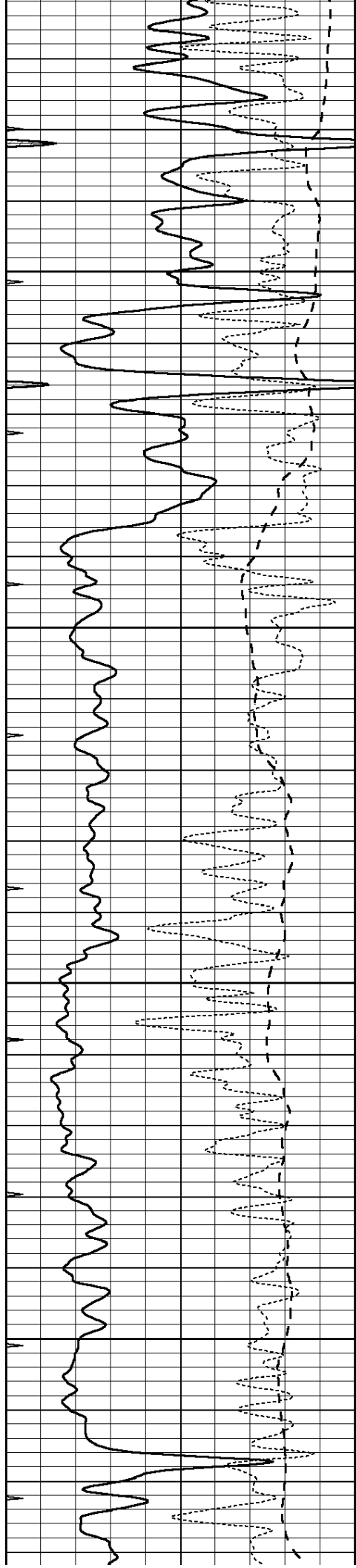


5000

5050

5100



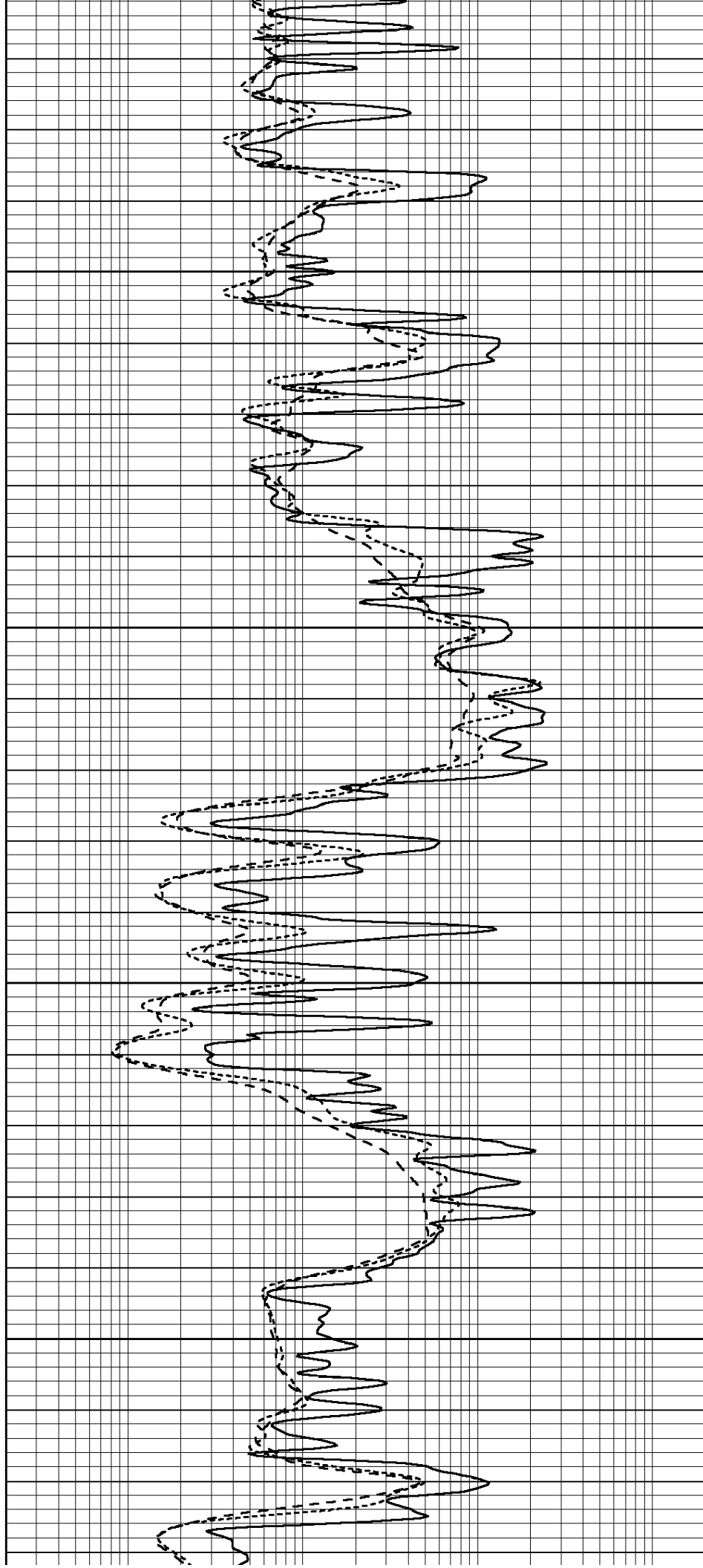


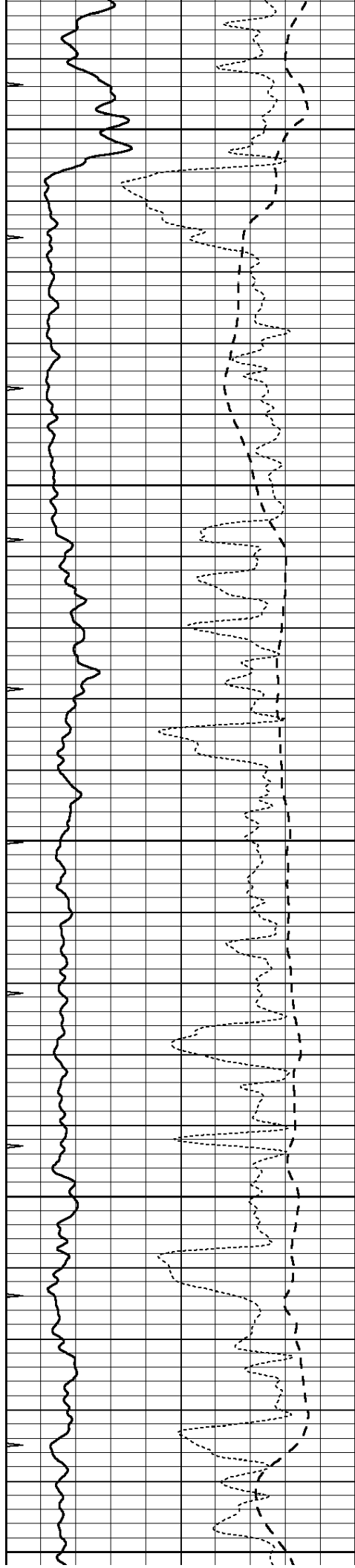
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5200

5250

5300





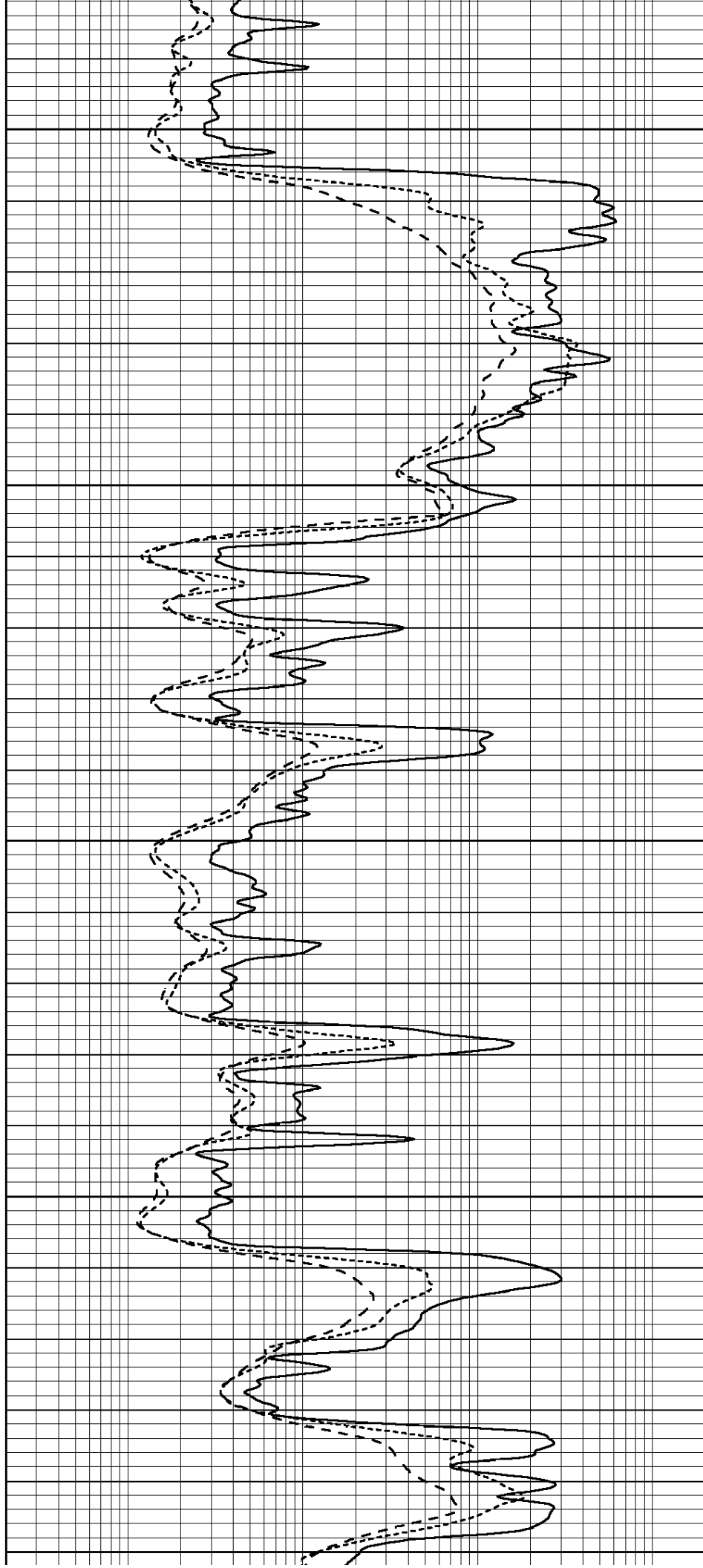
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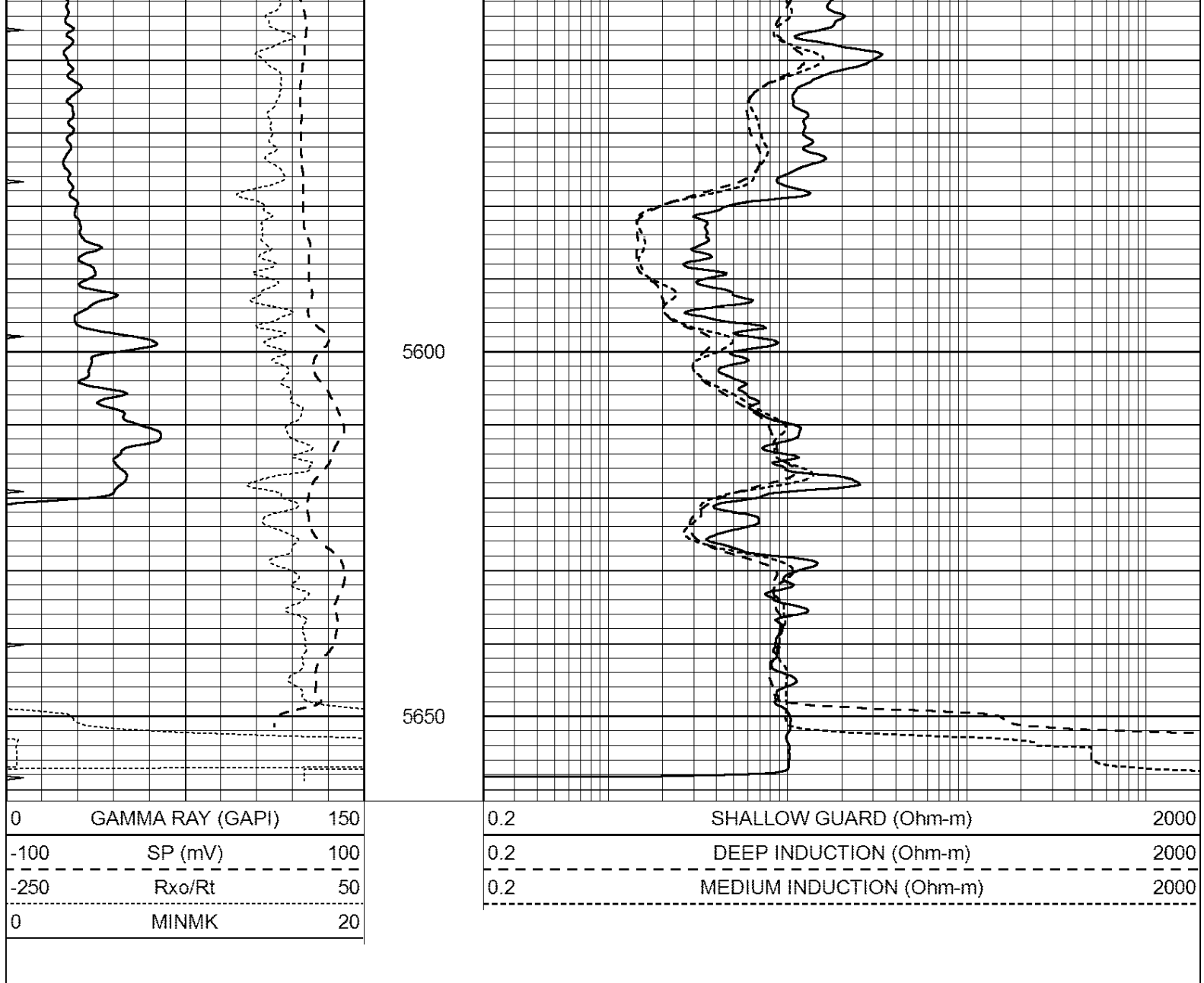
5400

5450

5500

5550





Calibration Report

Database File: 008131pe.db
 Dataset Pathname: pass3.9
 Dataset Creation: Mon Jan 02 02:12:10 2012

Dual Induction Calibration Report

Serial-Model: DIL4-GEAR
 Performed: Sun Jan 01 19:26:37 2012

Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.008	0.666	V	0.000	400.000	mmho/m	570.000	2.000
Medium	-0.003	0.769	V	0.000	462.500	mmho/m	560.000	3.000
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

Litho Density Calibration Report
 Serial: 006 Model: PRB
 Performed Sun Aug 15 09:48:41 2010

Litho Density Calibration

	Background	Magnesium	Aluminum	Sandstone	
Window 1	1686.6	11612.8	3932.0	12718.8	cps
Window 2	1531.4	9204.7	3267.8	9851.9	cps
Window 3	1198.3	4733.6	1952.5	4920.6	cps
Window 4	317.3	321.2	325.9	303.6	cps
Long Space	0.0	7673.3	1736.4	8320.4	cps
Short Space	1.7	2548.5	1657.2	2628.8	cps
Rho		1.7100	2.5900	1.3800	g/cc
Pe			2.5700	1.5500	
Rib Angle	: 43.8	Rib Slope	: 0.961	Density/Spine Ratio	: 0.569
Spine Angle	: 73.8	Spine Slope	: 3.453	Spine Intercept	: -18.1

Caliper

	Readings	Reference	
Low Ref	4.0	8.3	
High Ref	5.9	15.0	
	Gain: 3.5		Offset: -5.5

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: 070559
Tool Model: OPEN_GR
Performed: Sun Jan 01 23:42:10 2012

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 1.0 cps

Sensitivity: 0.2600 GAPI/cps