



**SUPERIOR
Hays,
Kansas**

**DUAL
INDUCTION
LOG**

Company	VINCENT OIL CORPORATION		
Well	McCARTY #2-36		
Field			
County	FORD	State	KANSAS
Location:	API # : 15-057-20700		Other Services CDL/CNL/PE SONIC/MEL
650' FNL & 2350' FWL			
SEC 36 TWP 28S RGE 23W		Elevation	
Permanent Datum	GROUND LEVEL	Elevation	2510
Log Measured From	KELLY BUSHING 13' A.G.L.	D.F.	
Drilling Measured From	KELLY BUSHING	G.L.	2510
Date	10-25-10		
Run Number	ONE		
Depth Driller	5420		
Depth Logger	5420		
Bottom Logged Interval	5418		
Top Log Interval	00		
Casing Driller	654		
Casing Logger	650		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES: 10,500ppm	
Density / Viscosity	9.2 / 56		
pH / Fluid Loss	10.5 / 11.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.45 @ 76F		
Rmf @ Meas. Temp	0.34 @ 76F		
Rmc @ Meas. Temp	0.54 @ 76F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	.270 @ 129F		
Time Circulation Stopped	3 HOURS		
Time Logger on Bottom	4:45 A.M.		
Maximum Recorded Temperature	129F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	KEN LeBLANC		

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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

SUPERIOR WELL SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: FORD, EAST EDGE AT RD. #125, 3S ON BLACKTOP TO WARRIOR RD., 1 1/2W, 1S, W INTO.



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MAIN SECTION

Database File: 005907pdr.db
 Dataset Pathname: pass3.A
 Presentation Format: dil2
 Dataset Creation: Mon Oct 25 07:36:06 2010
 Charted by: Depth in Feet scaled 1:600

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

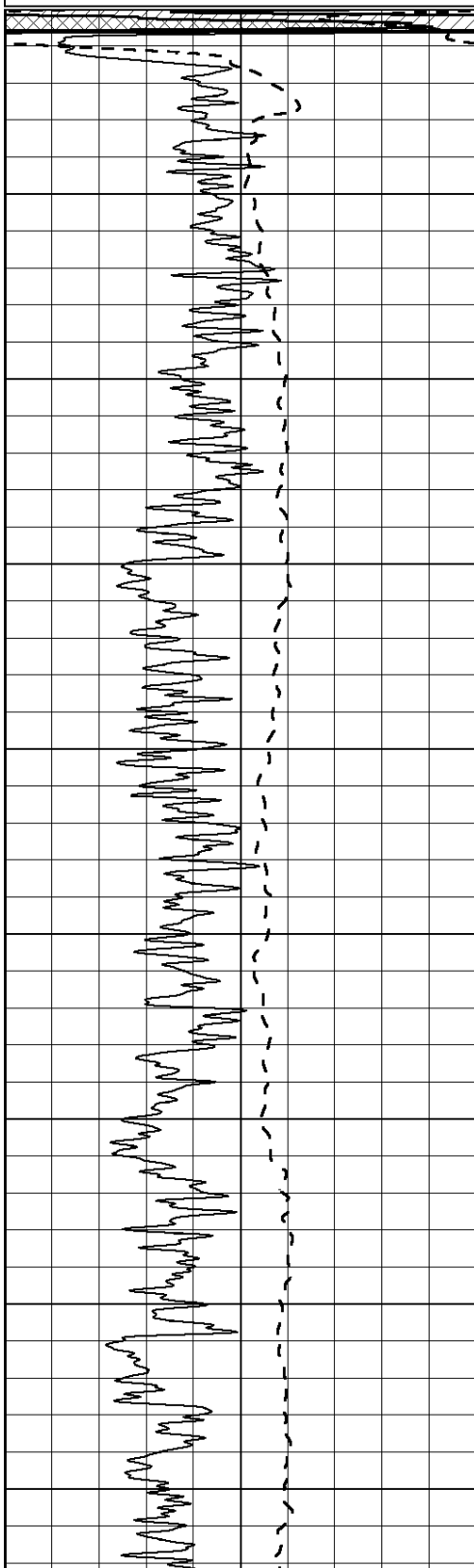
0	RLL3 (Ohm-m)	50
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0	Deep Induction (Ohm-m)	50
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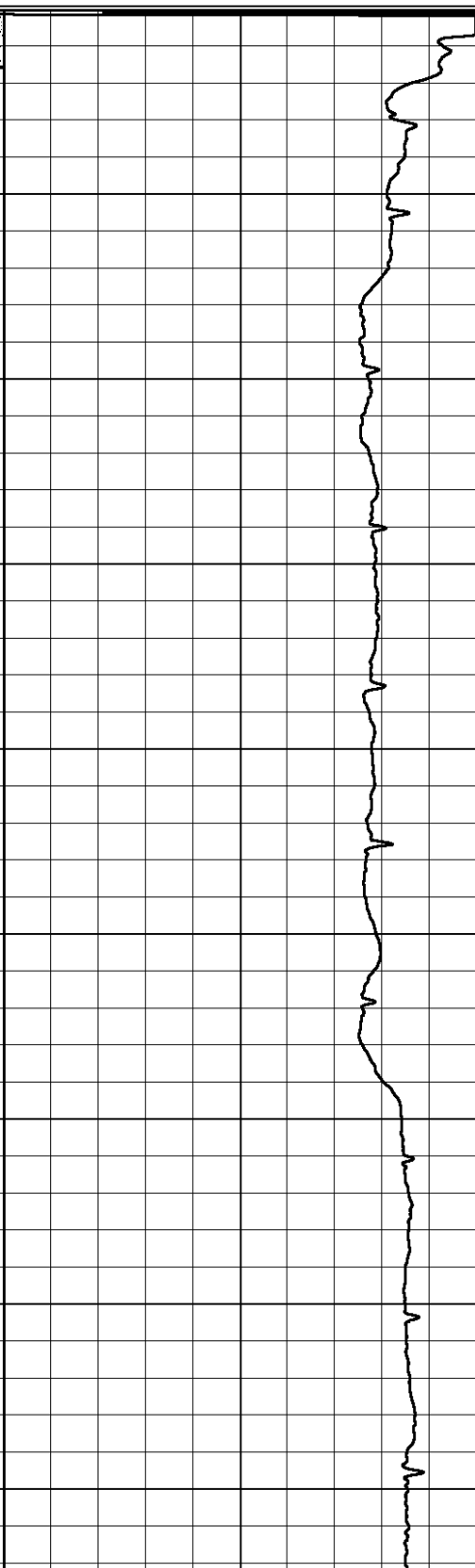
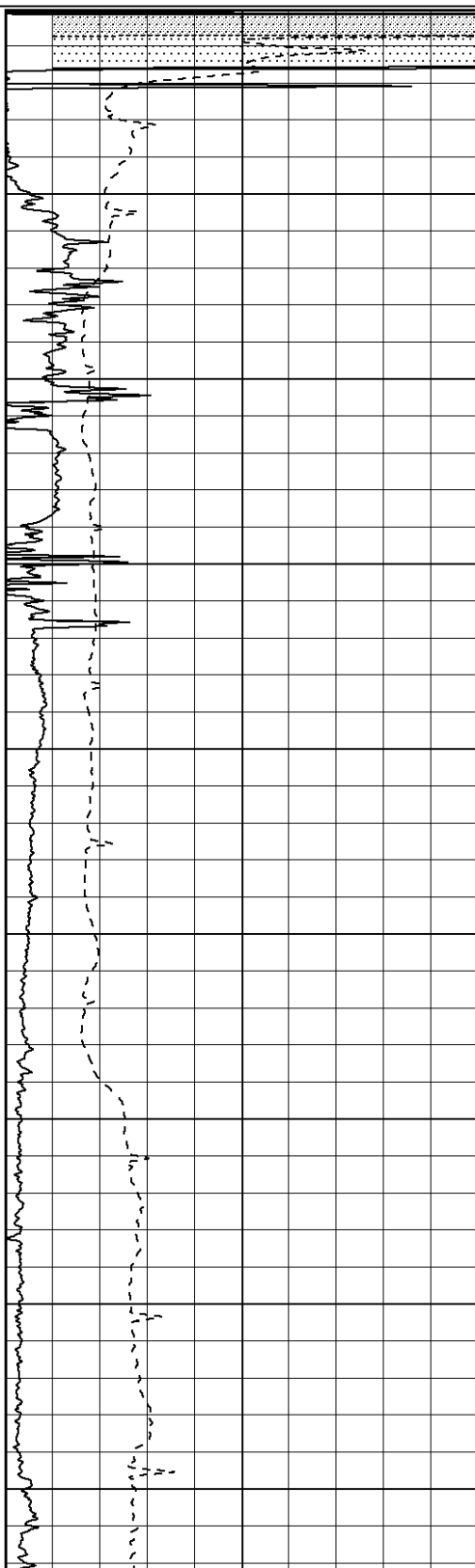
1000	CILD (mmho/m)	0
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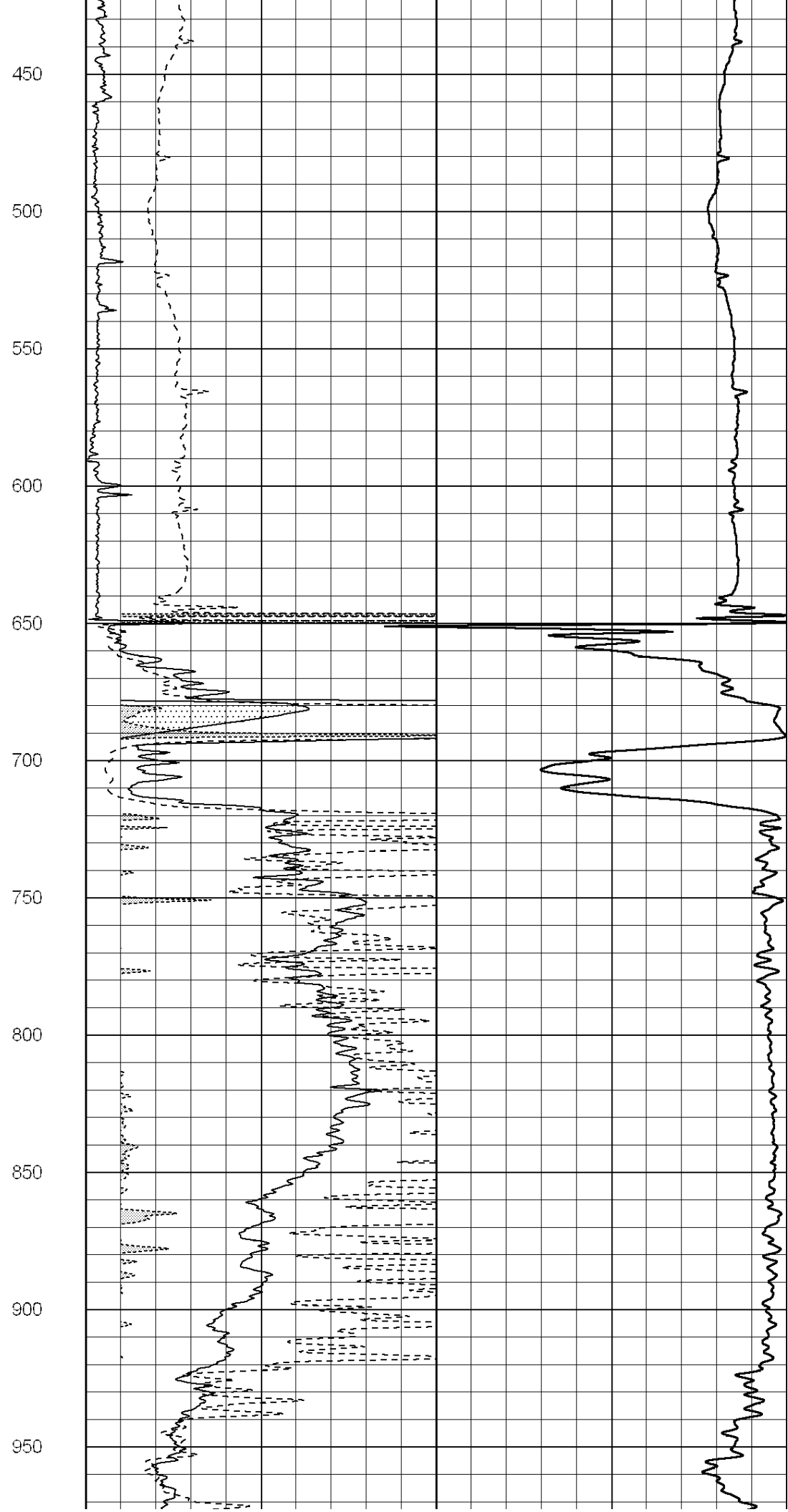
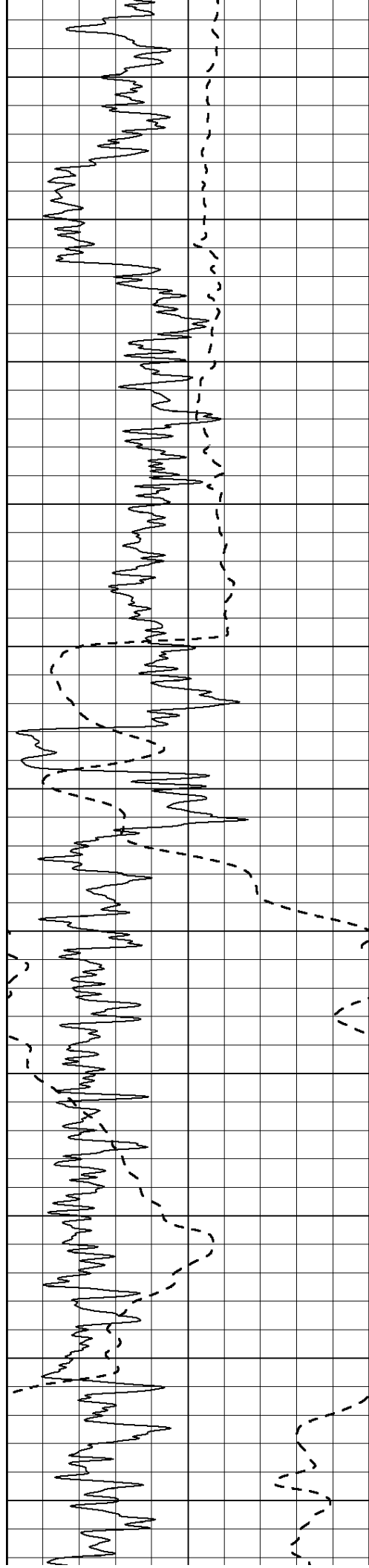
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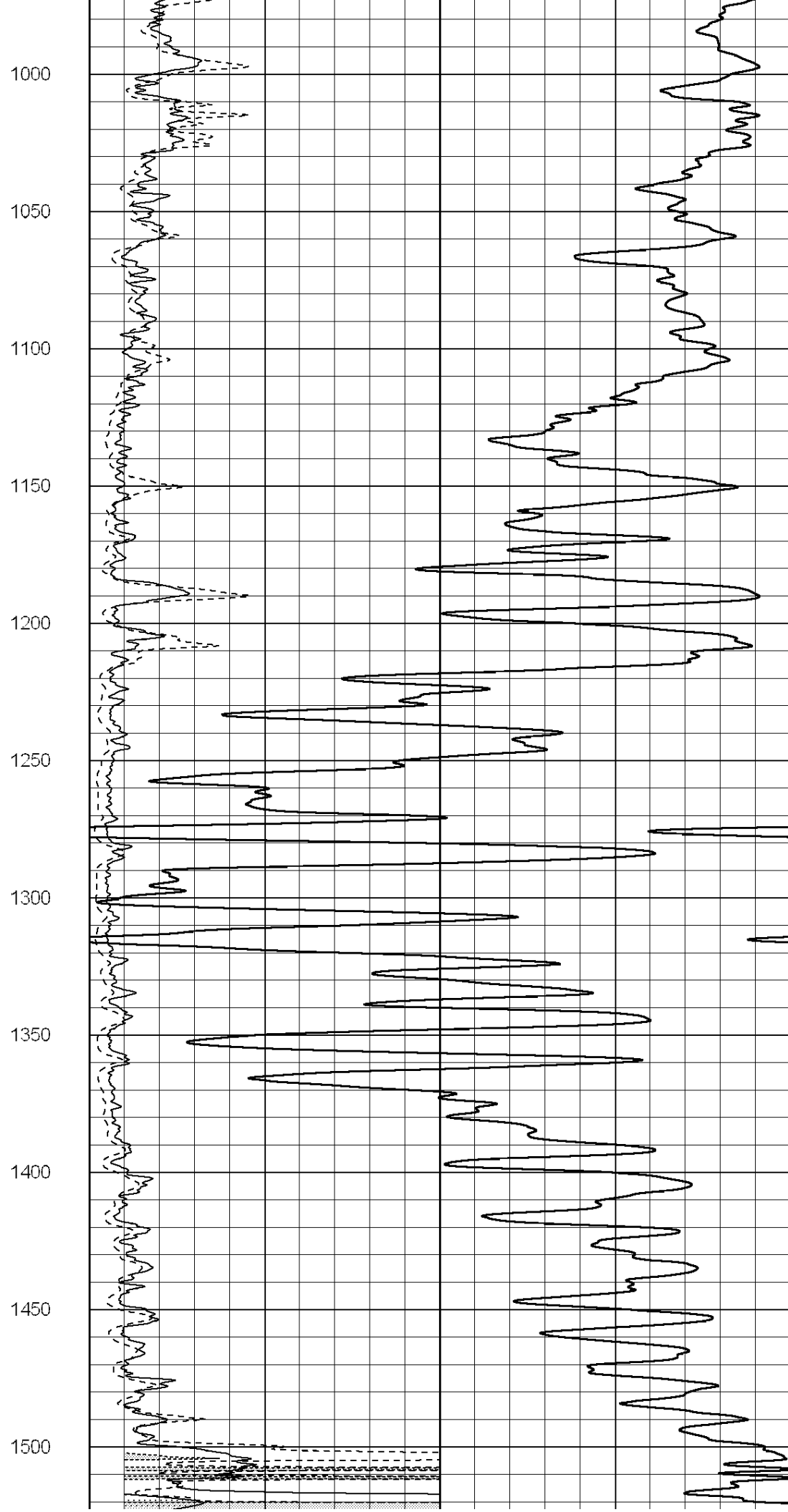
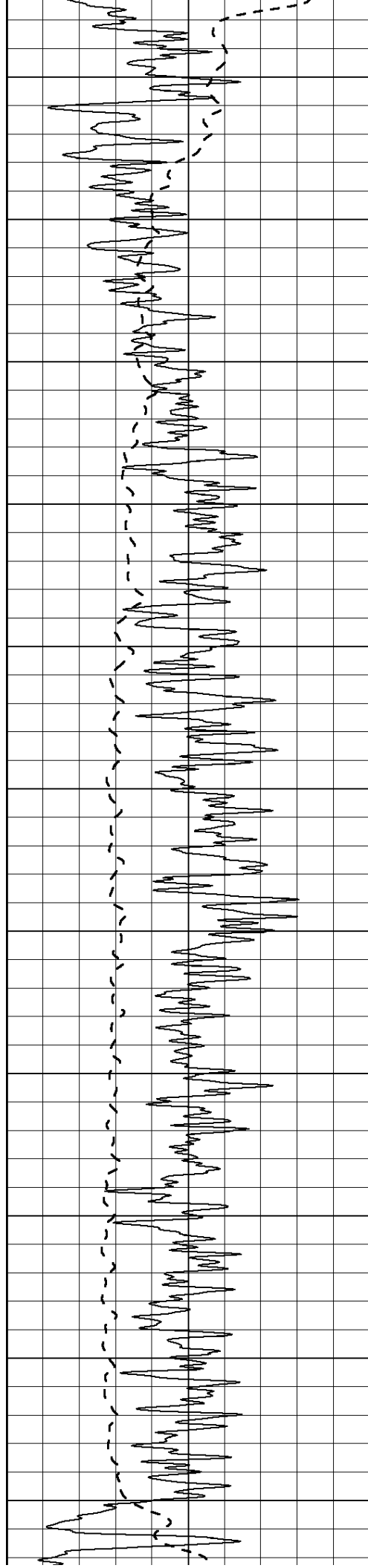
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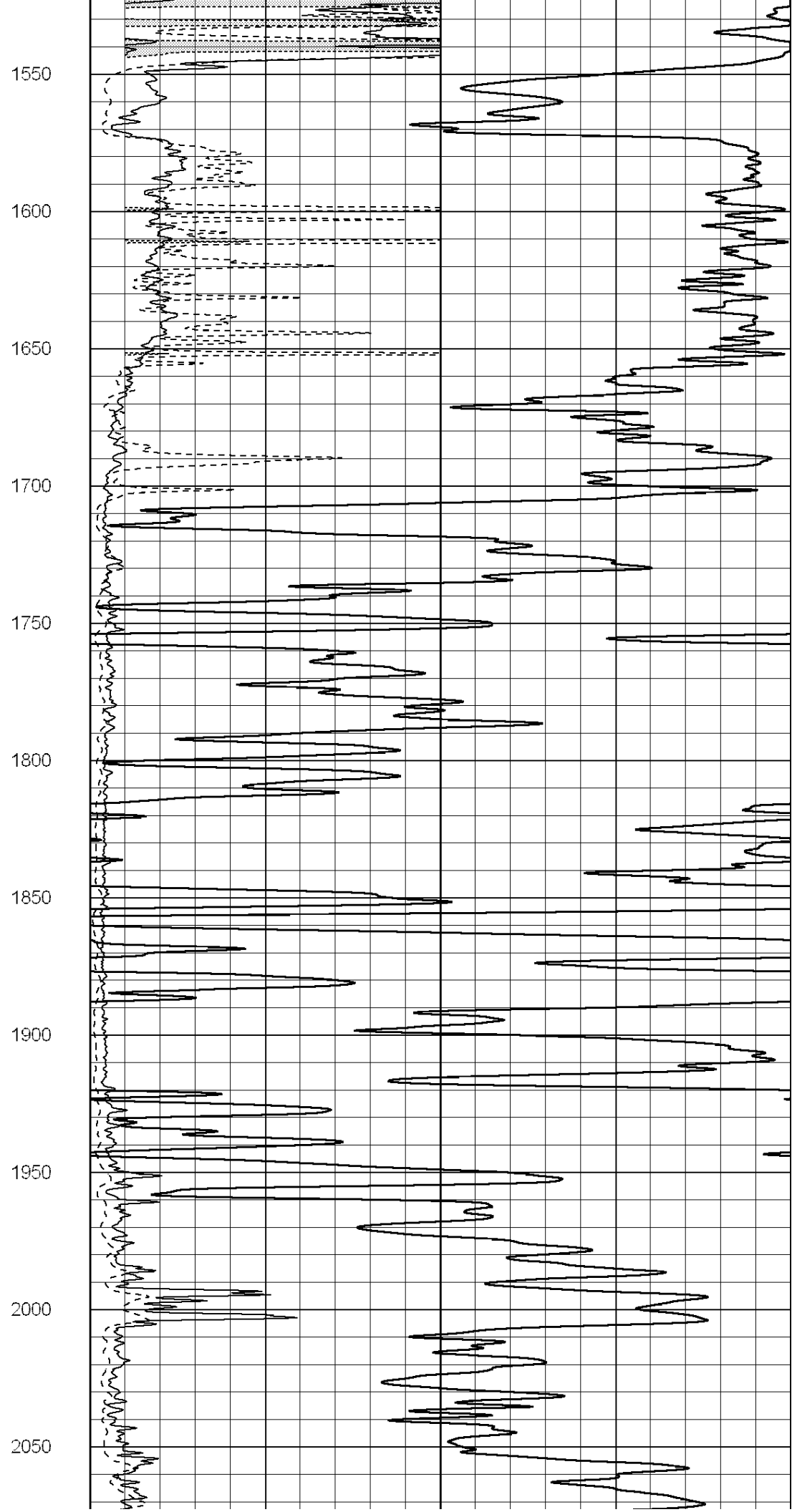
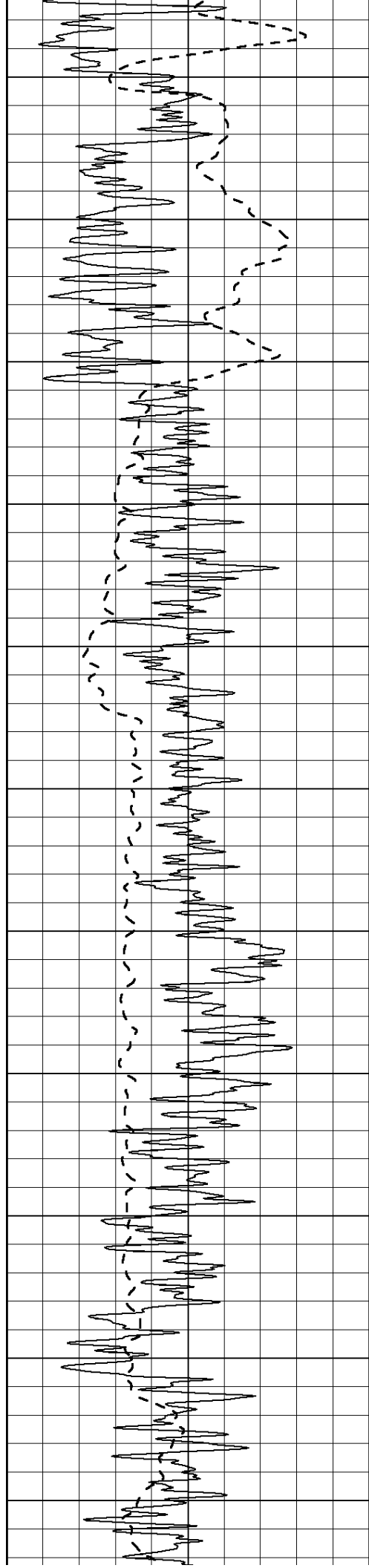


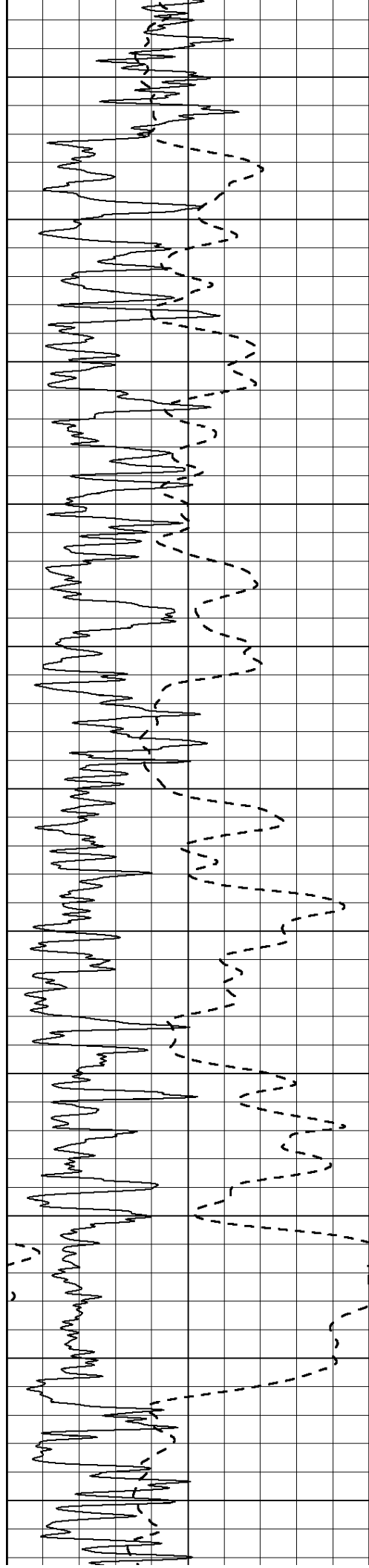
0
50
100
150
200
250
300
350
400











2100

2150

2200

2250

2300

2350

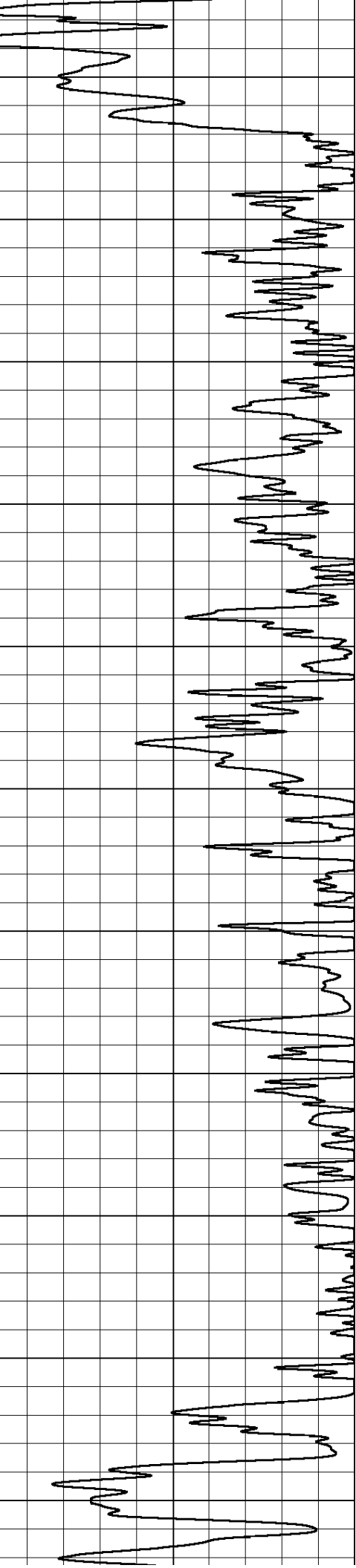
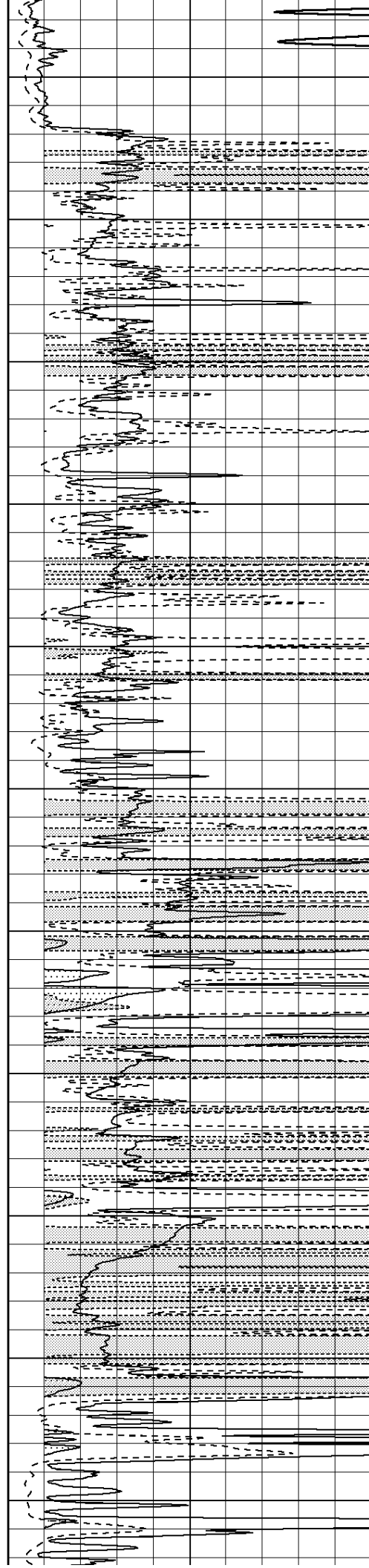
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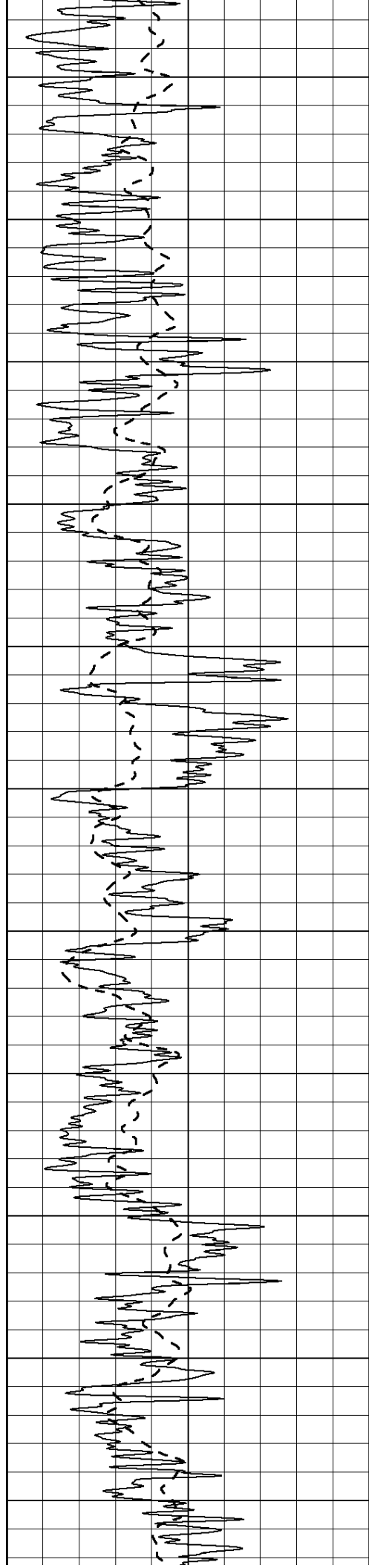
2450

2500

2550

2600





2650

2700

2750

2800

2850

2900

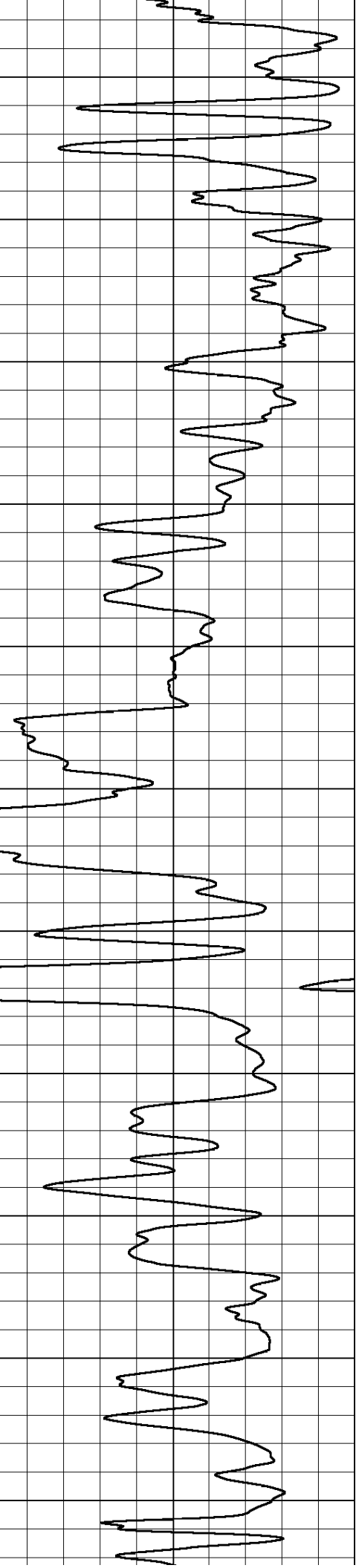
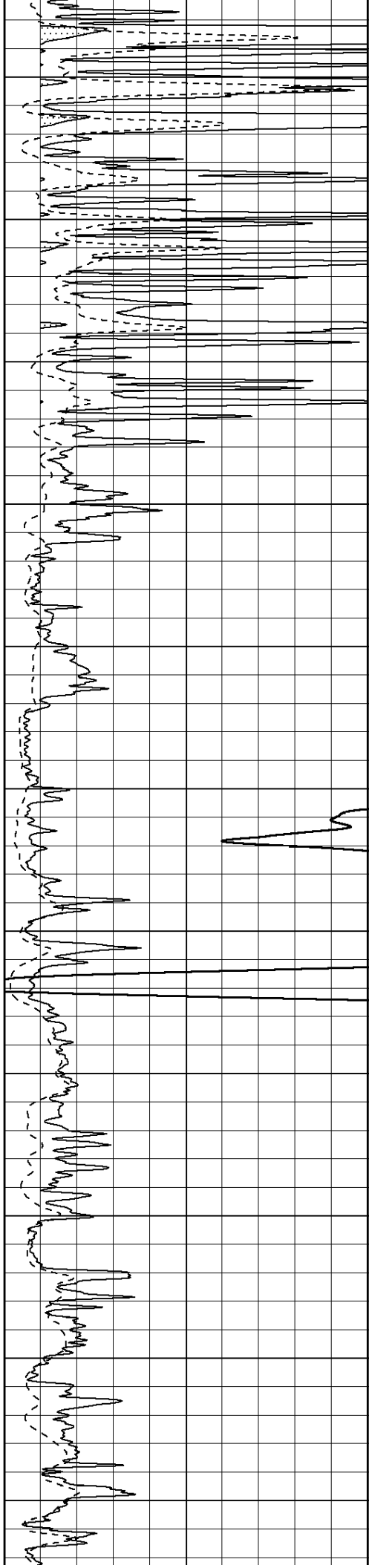
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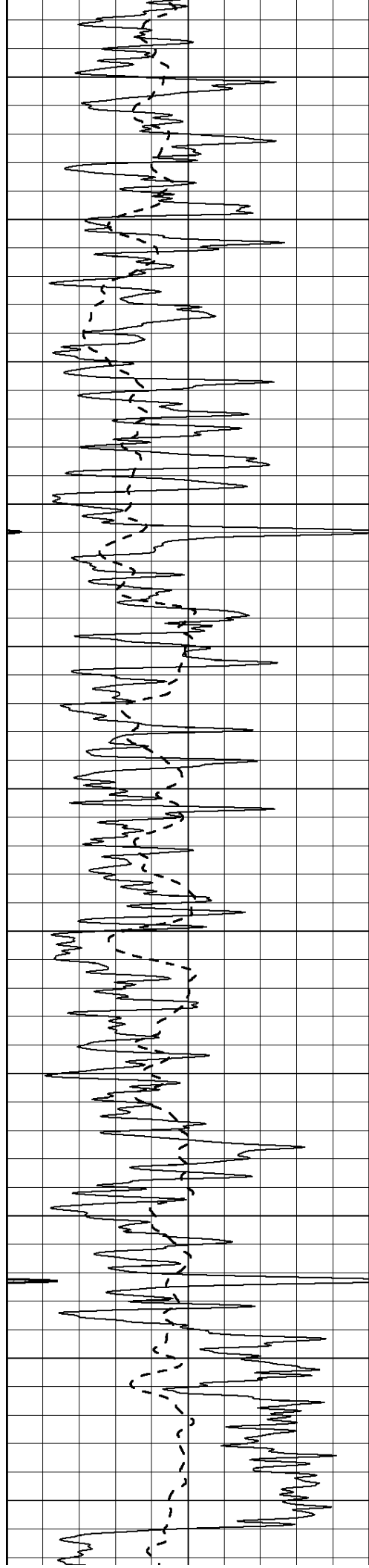
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3050

3100

3150





3200

3250

3300

3350

3400

3450

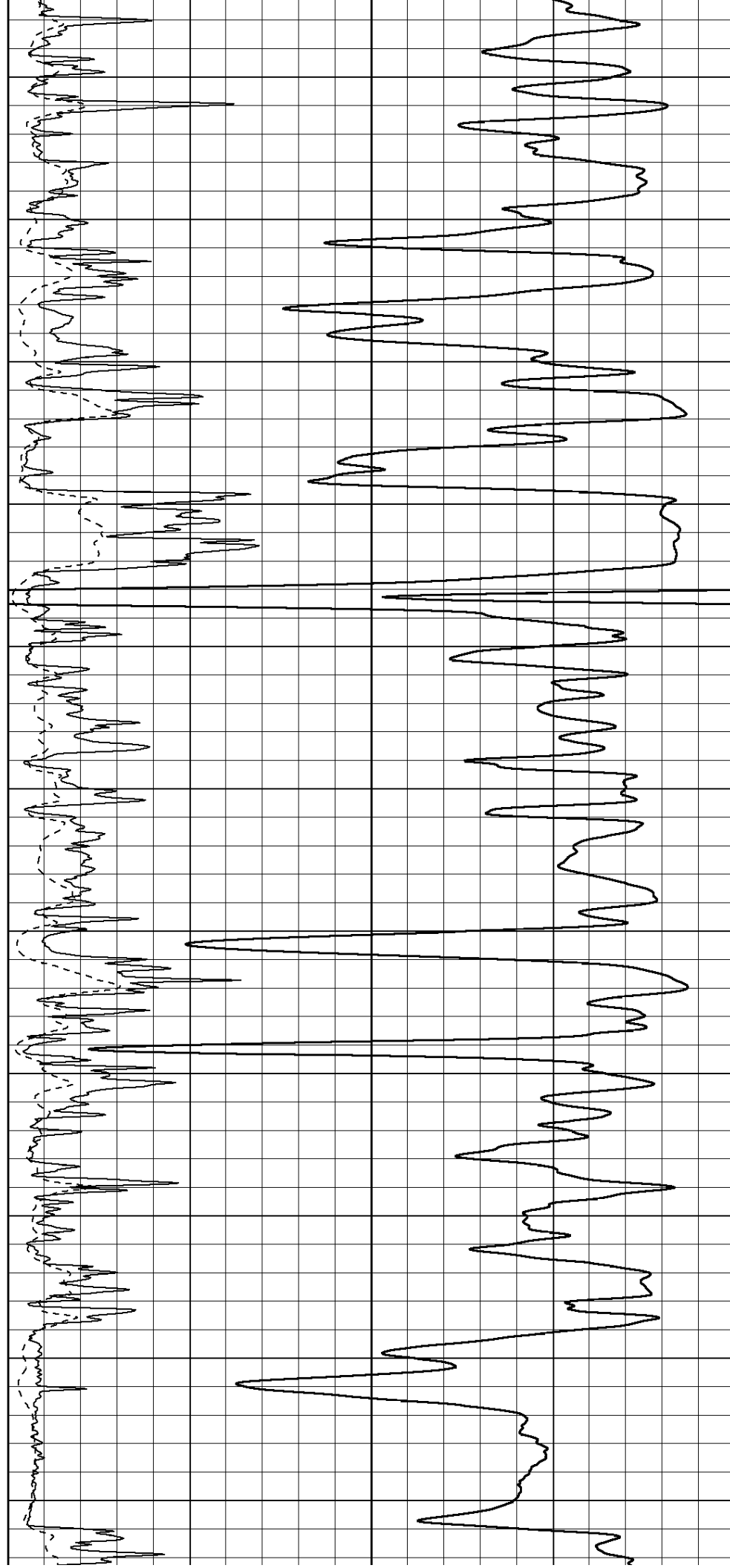
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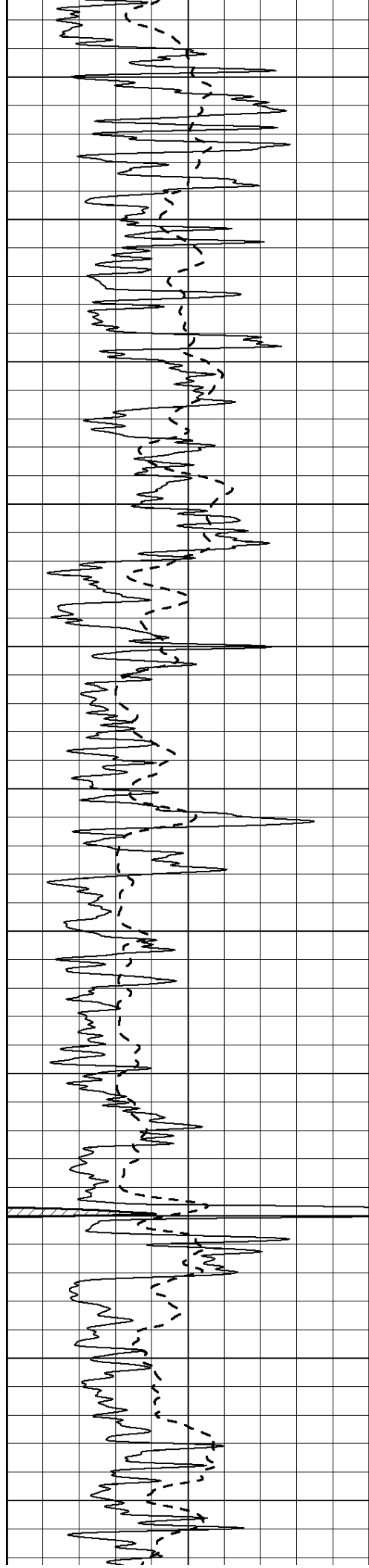
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3600

3650

3700





3750

3800

3850

3900

3950

4000

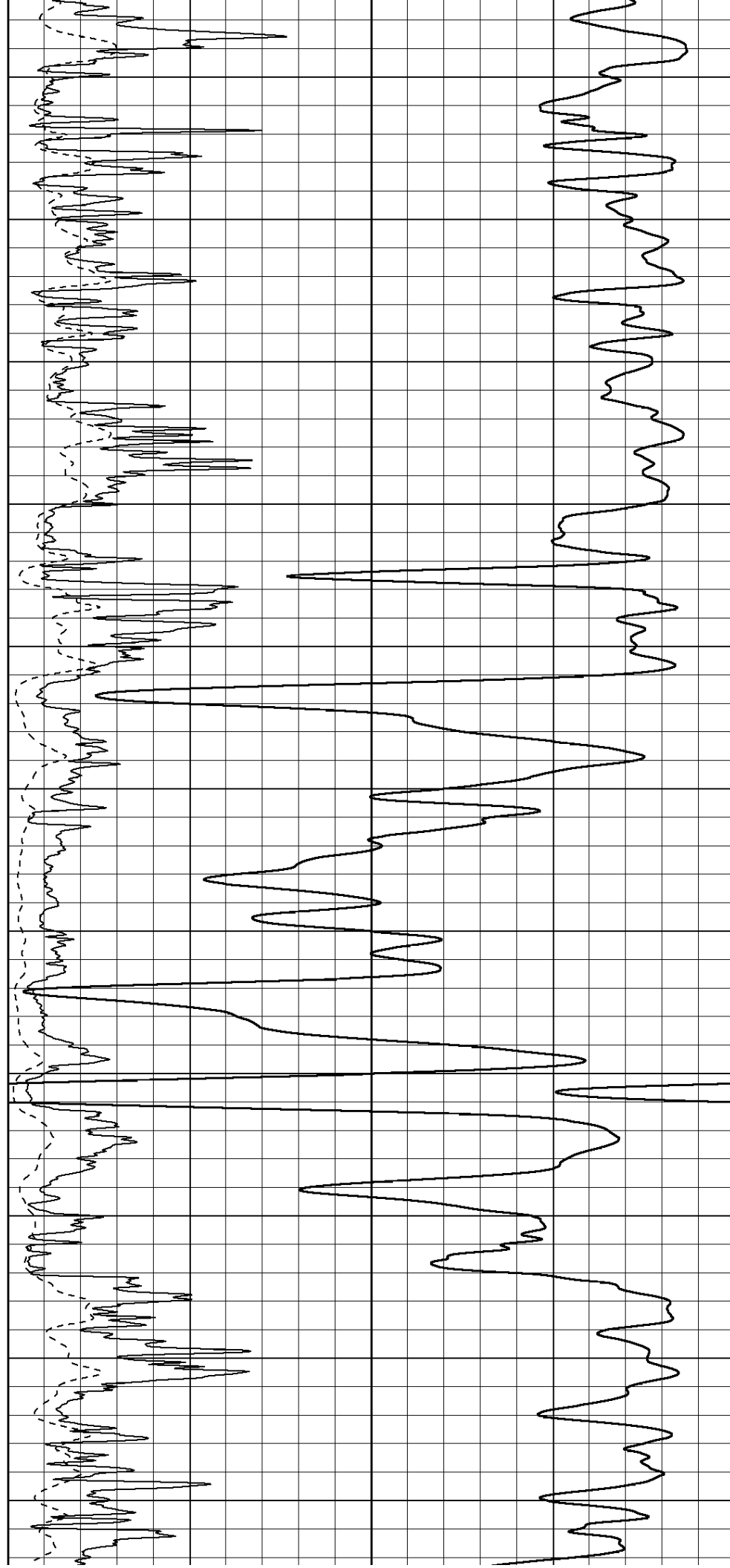
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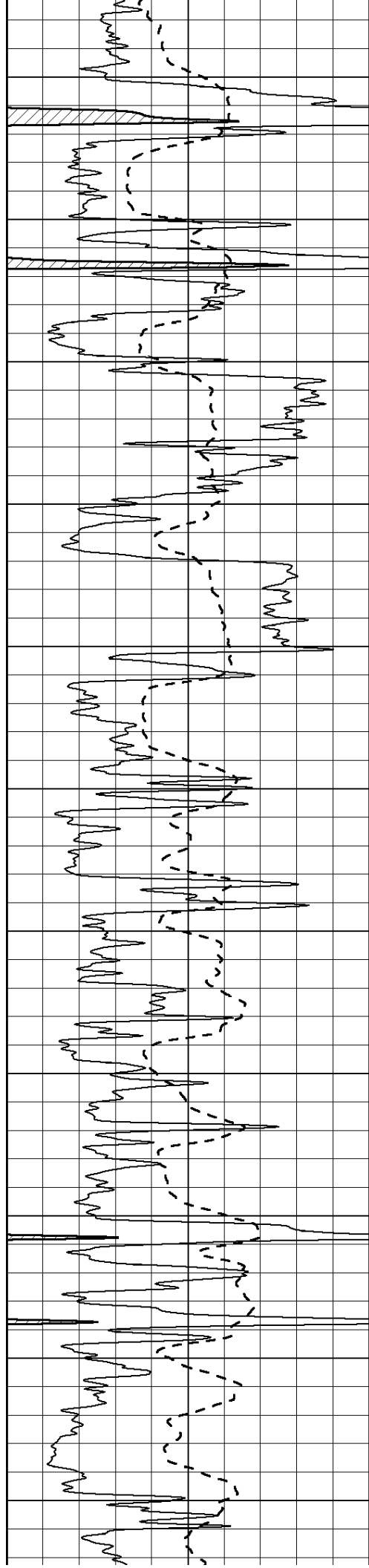
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4150

4200

4250





4300

4350

4400

4450

4500

4550

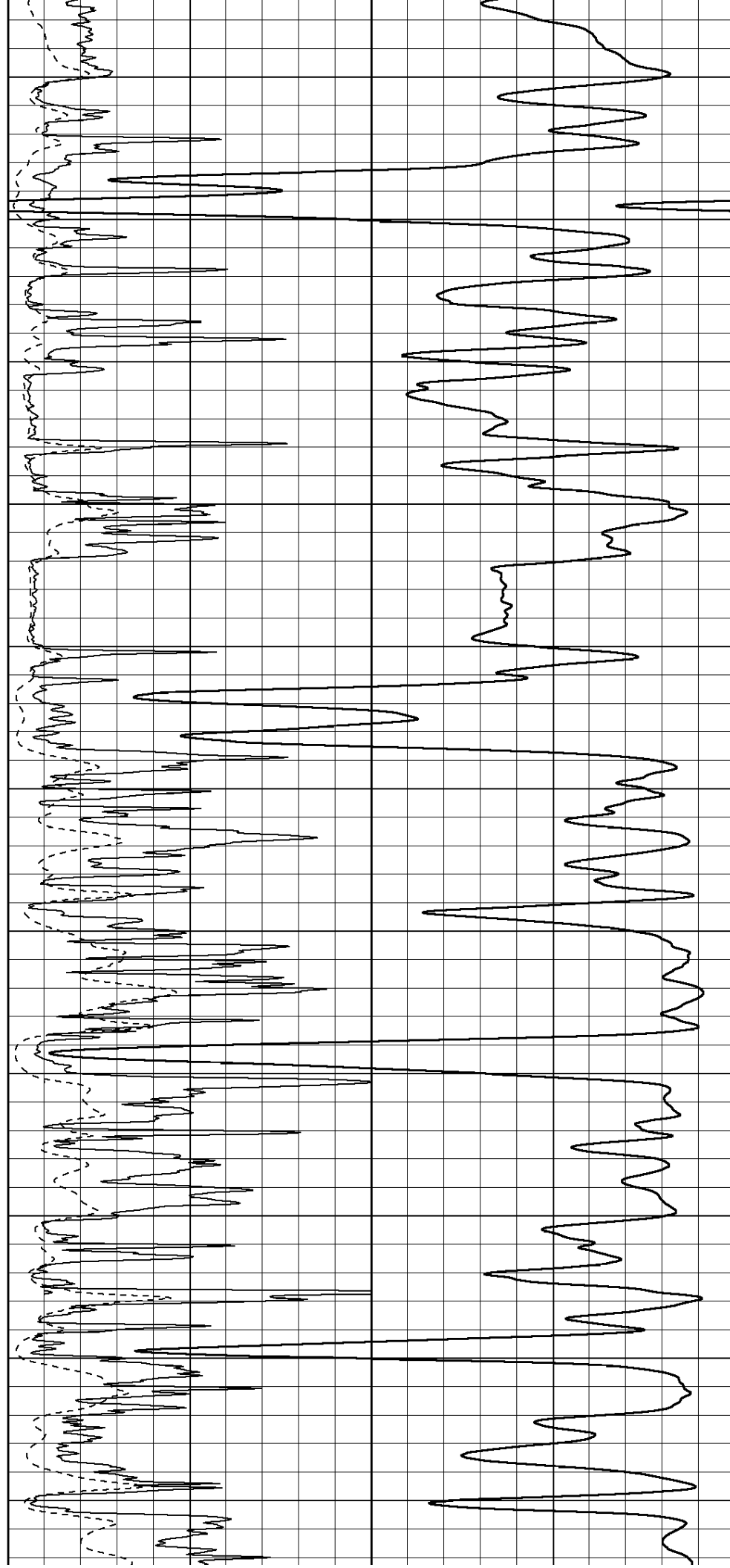
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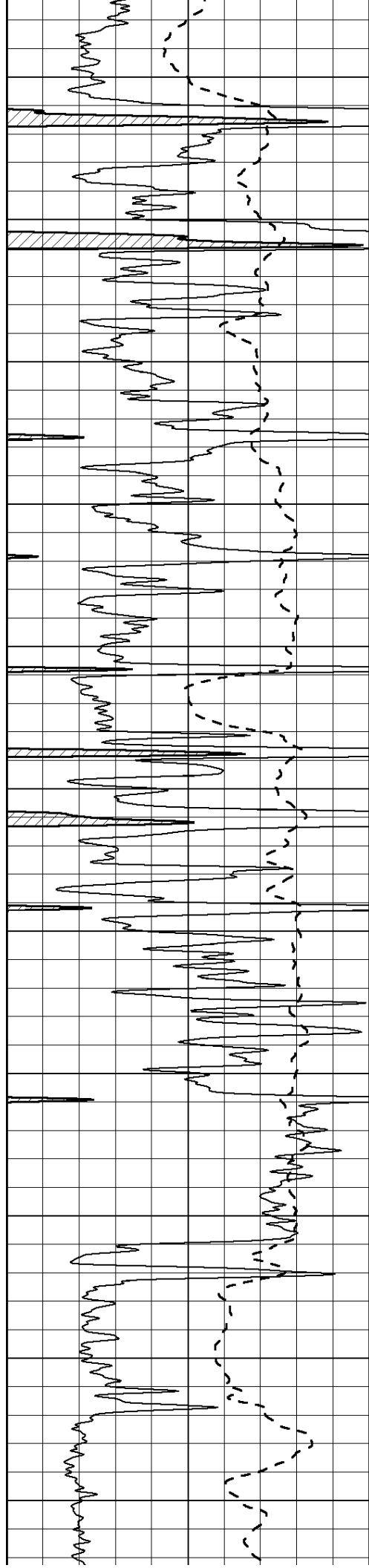
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4700

4750

4800





4850

4900

4950

5000

5050

5100

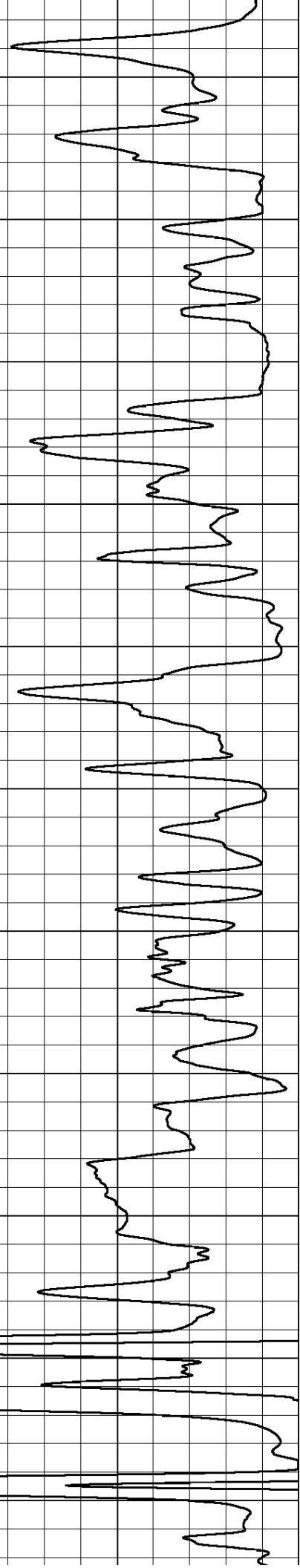
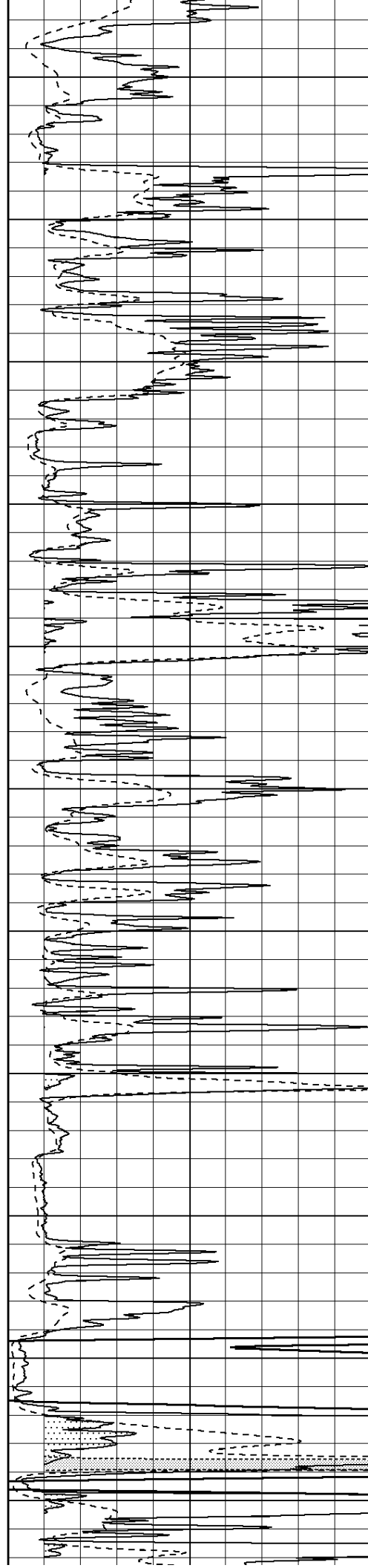
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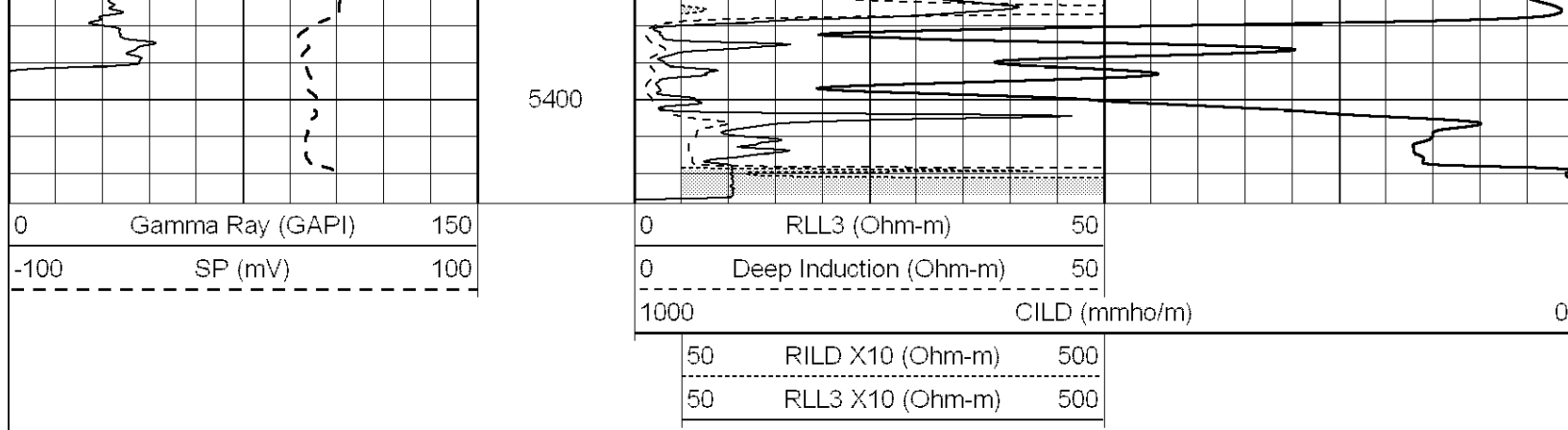
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5250

5300

5350

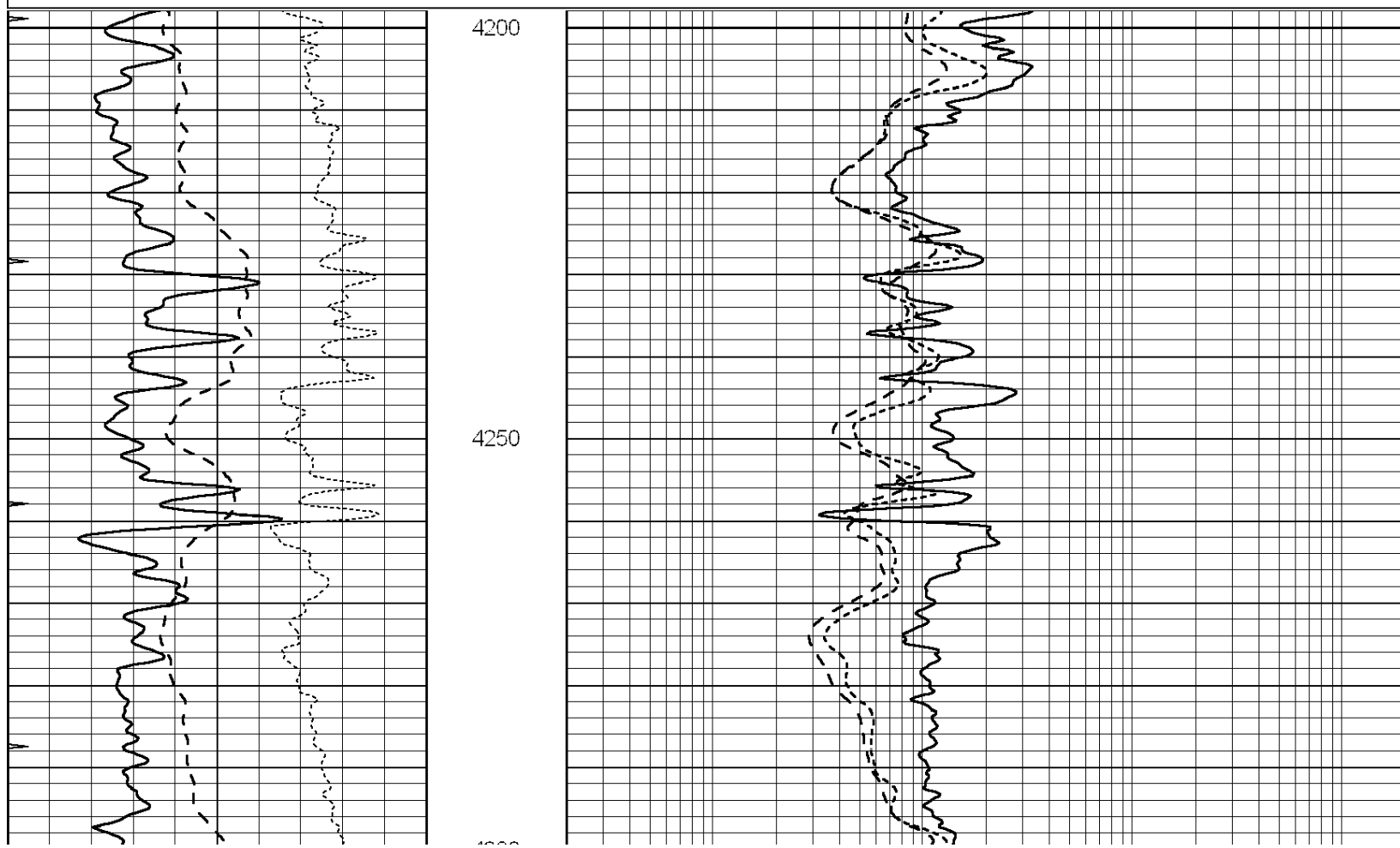
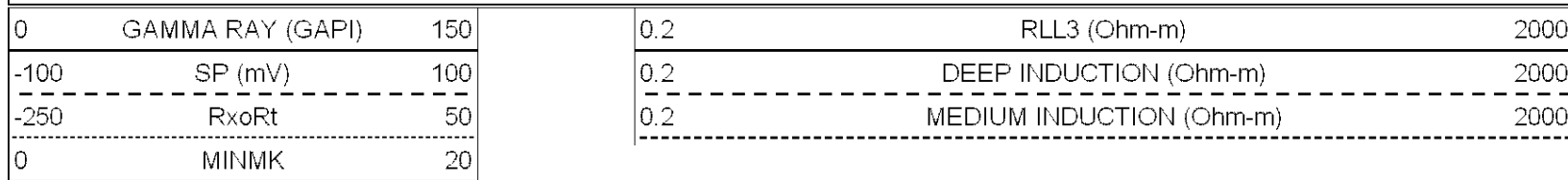


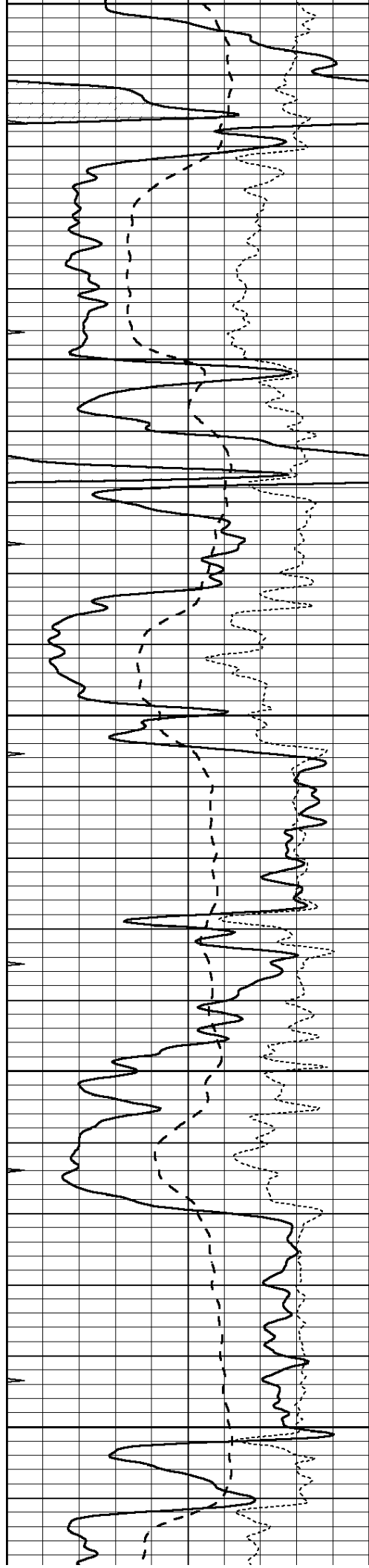


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MAIN SECTION

Database File: 005907pdm.db
 Dataset Pathname: pass3.A
 Presentation Format: dil
 Dataset Creation: Mon Oct 25 07:36:06 2010
 Charted by: Depth in Feet scaled 1:240





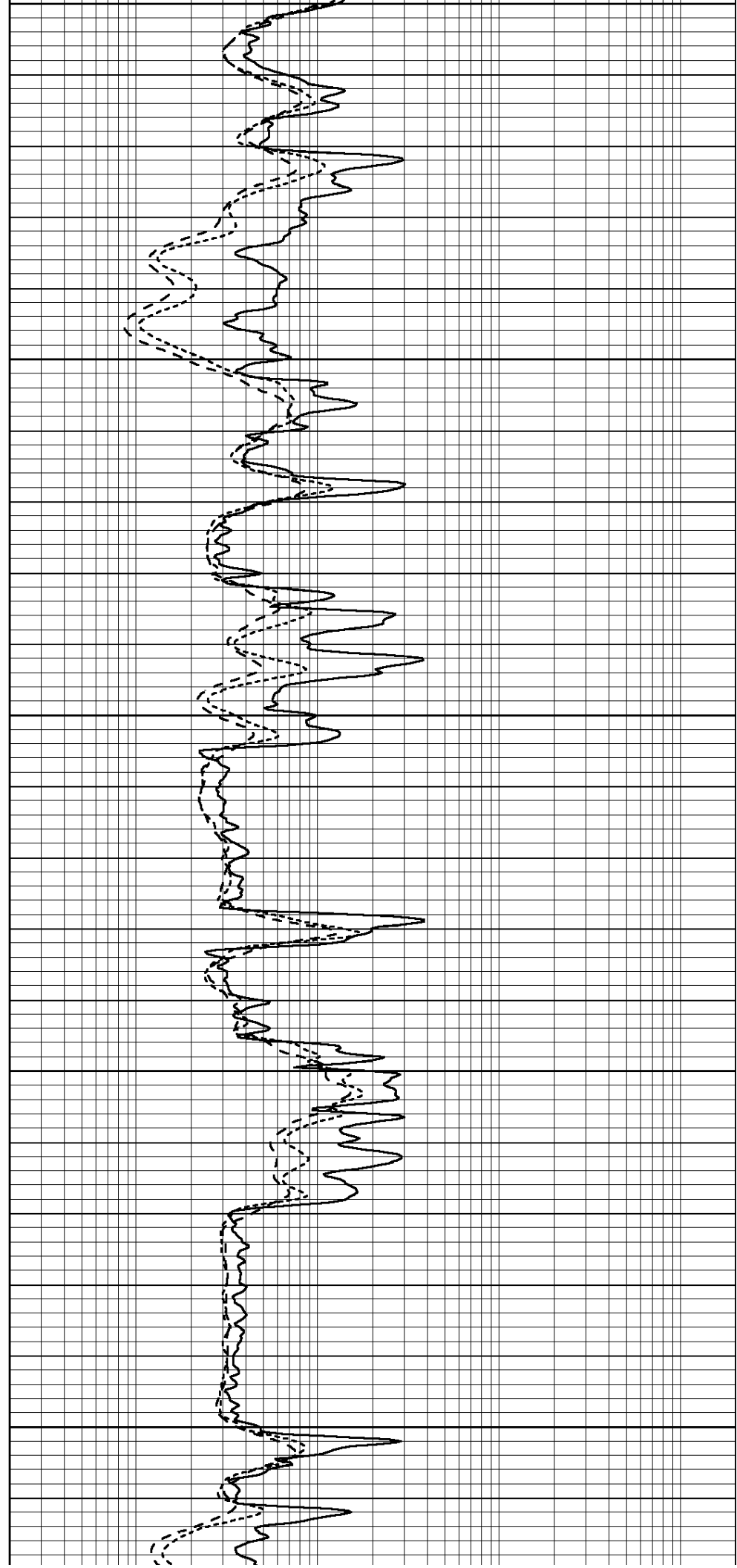
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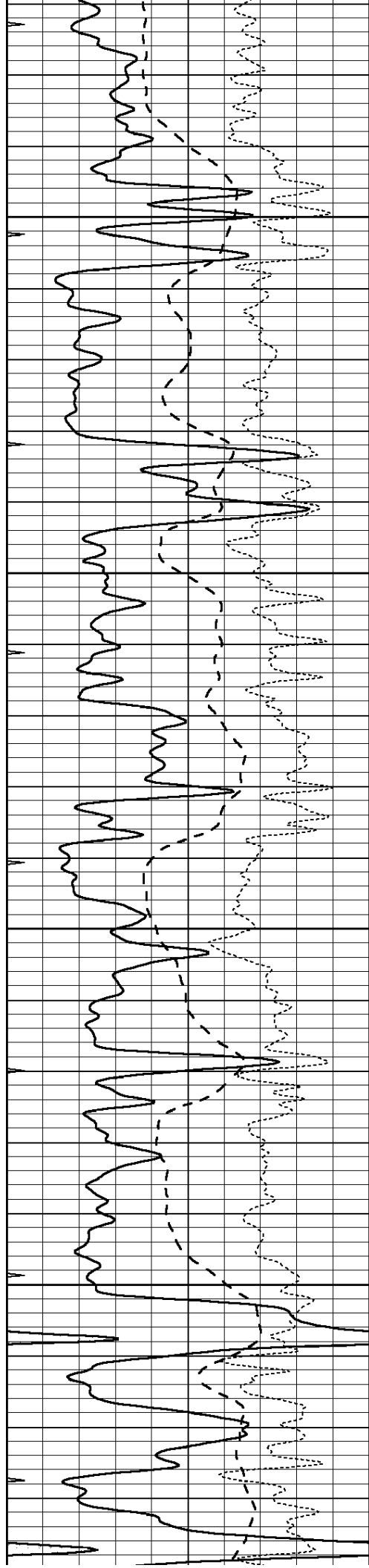
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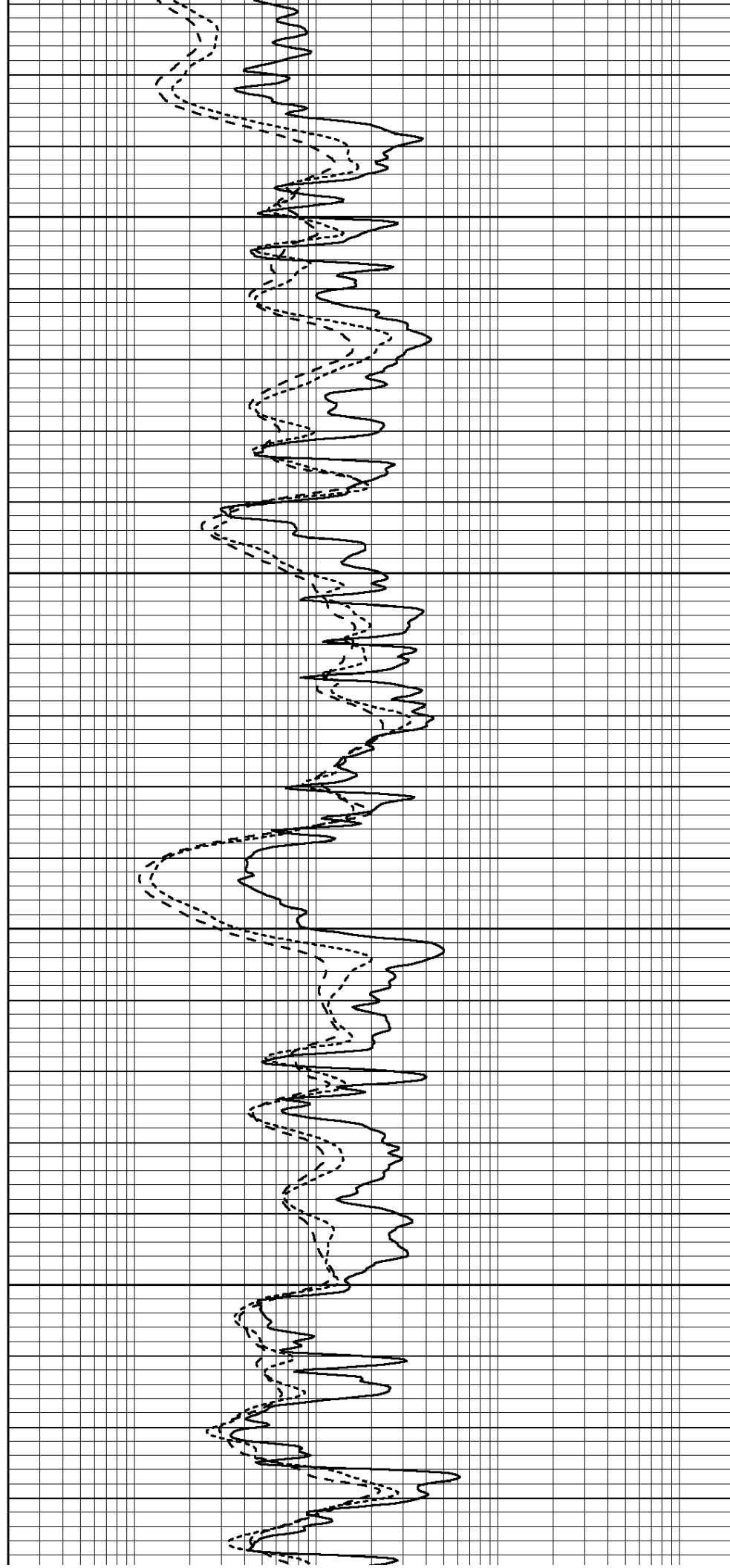


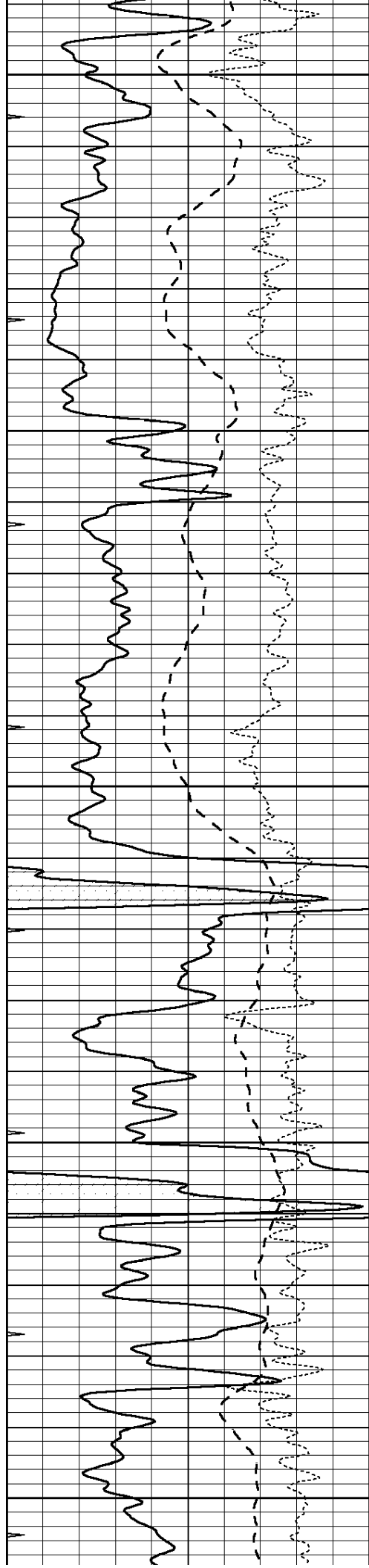
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4700





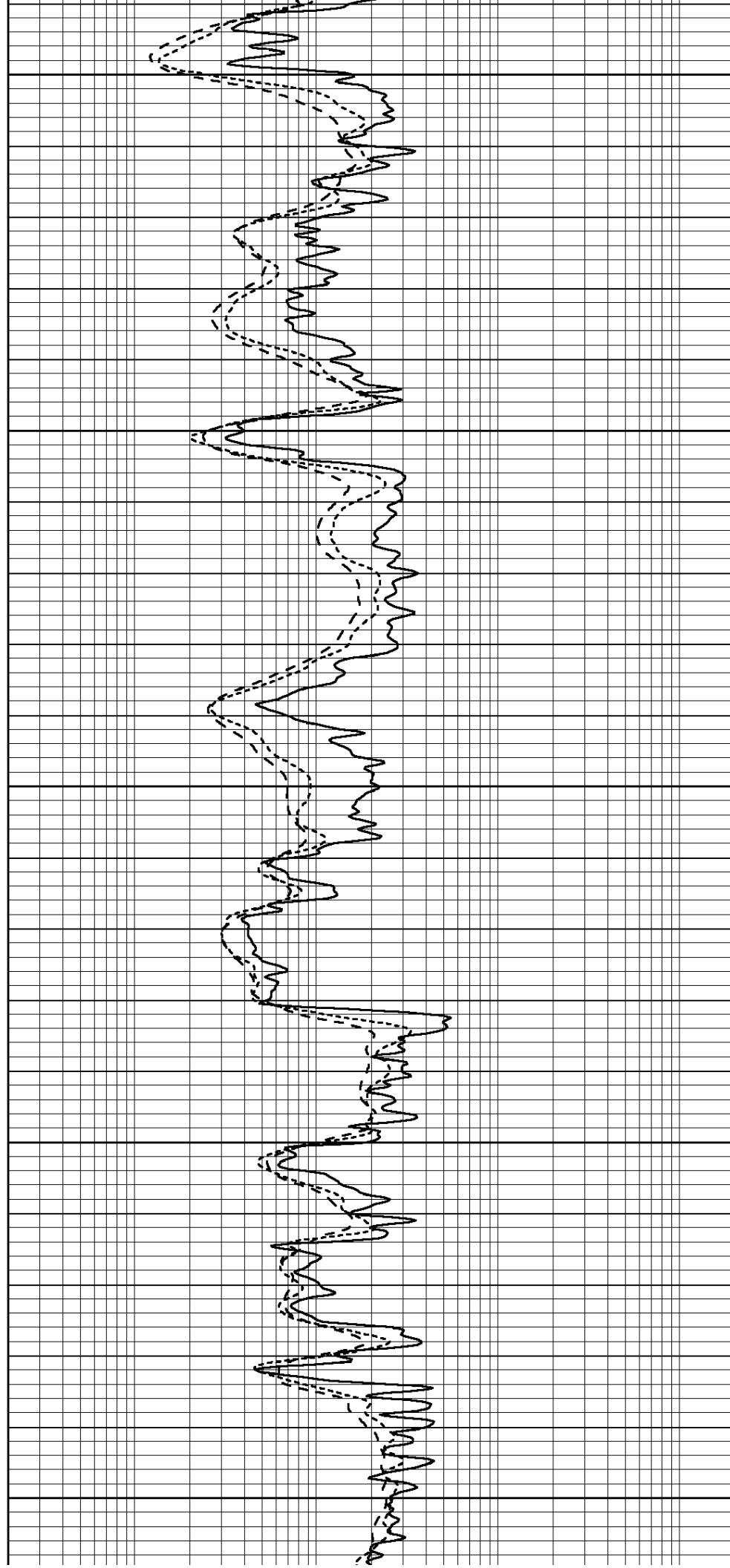
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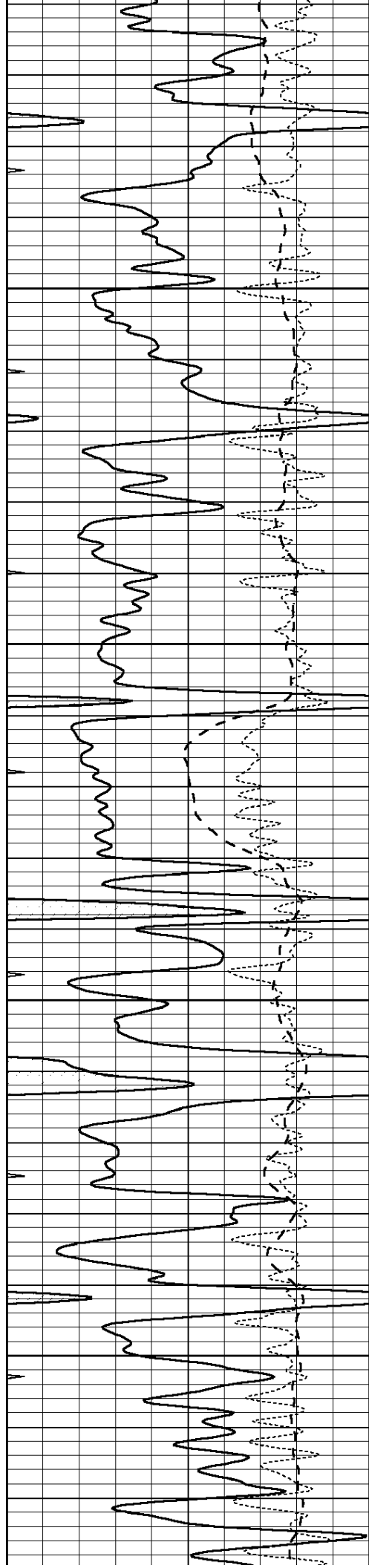
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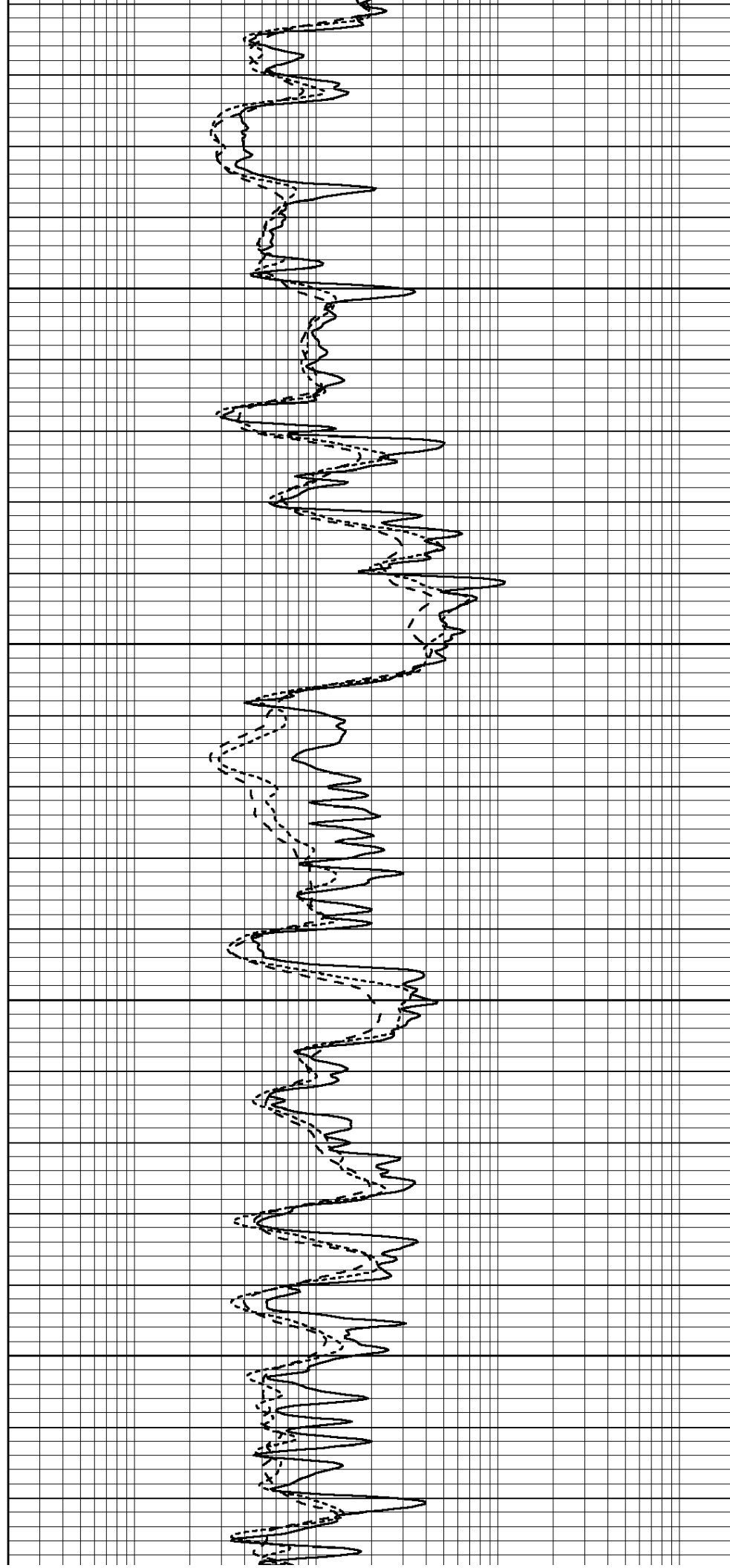


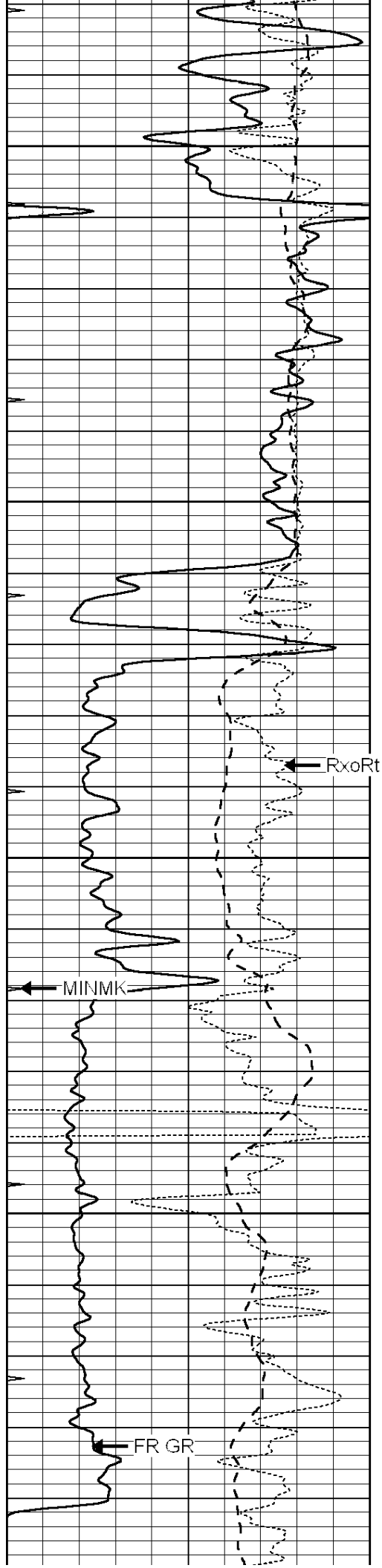
5000

5050

5100

5150





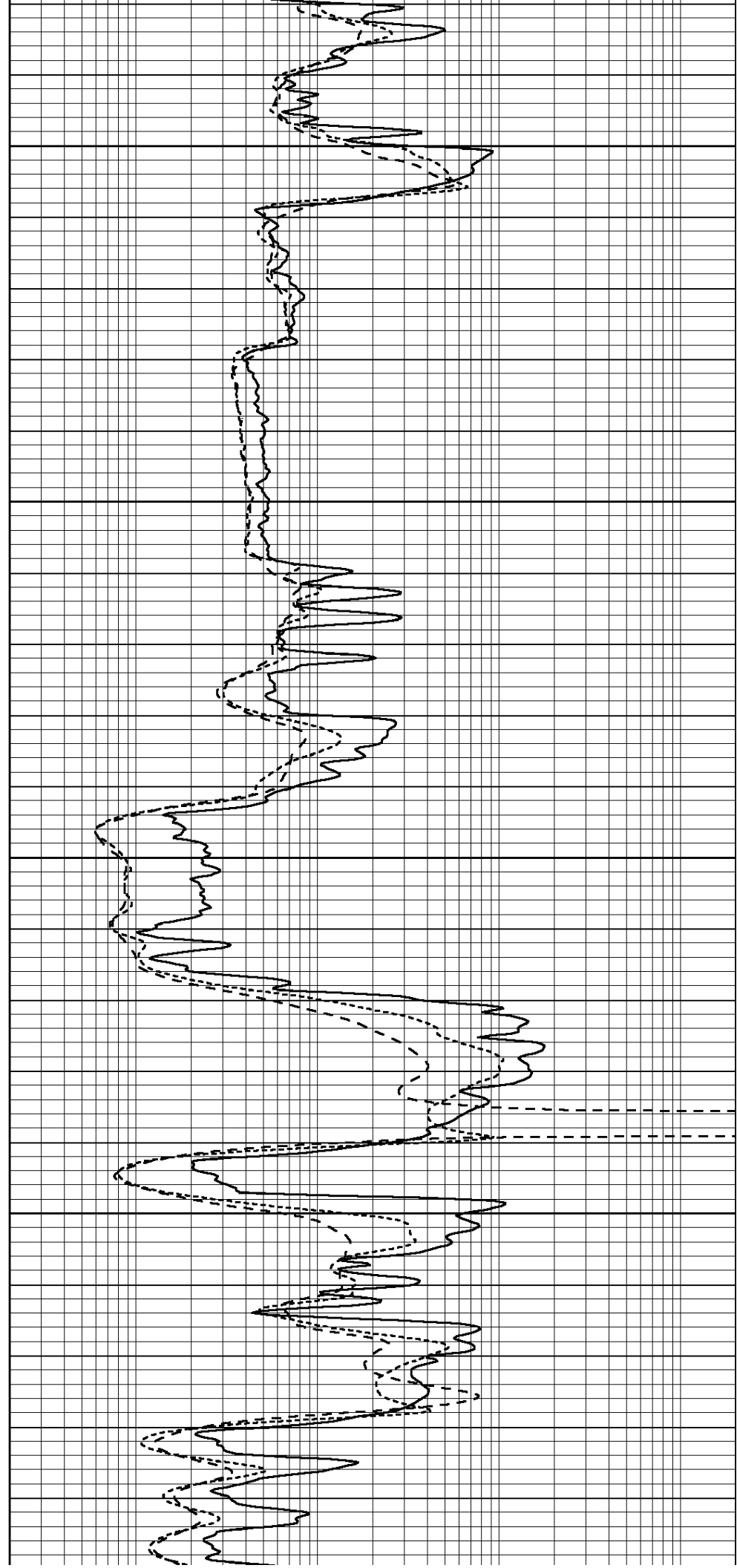
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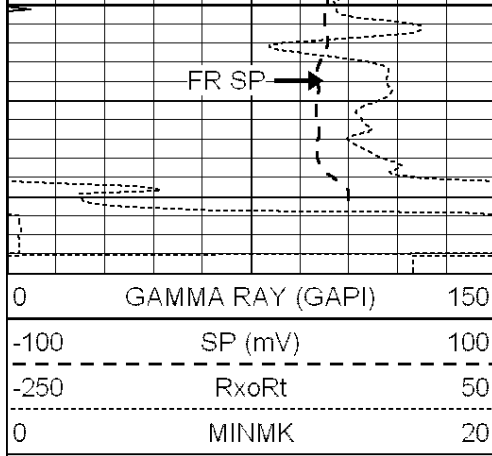
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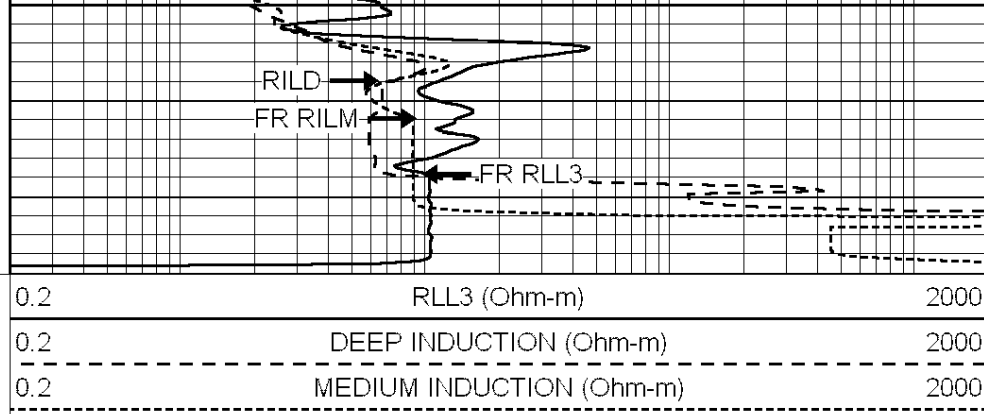
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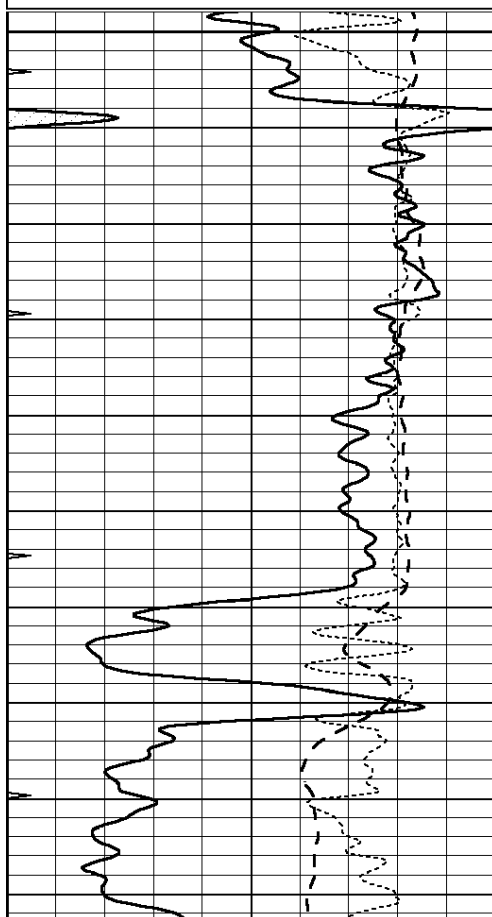
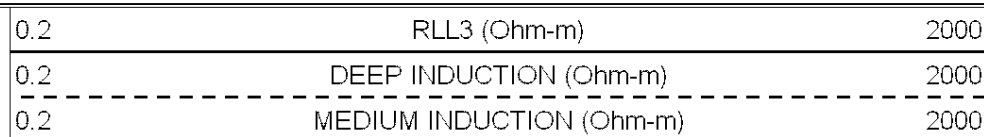
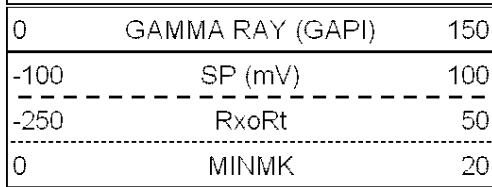
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--- TD ---



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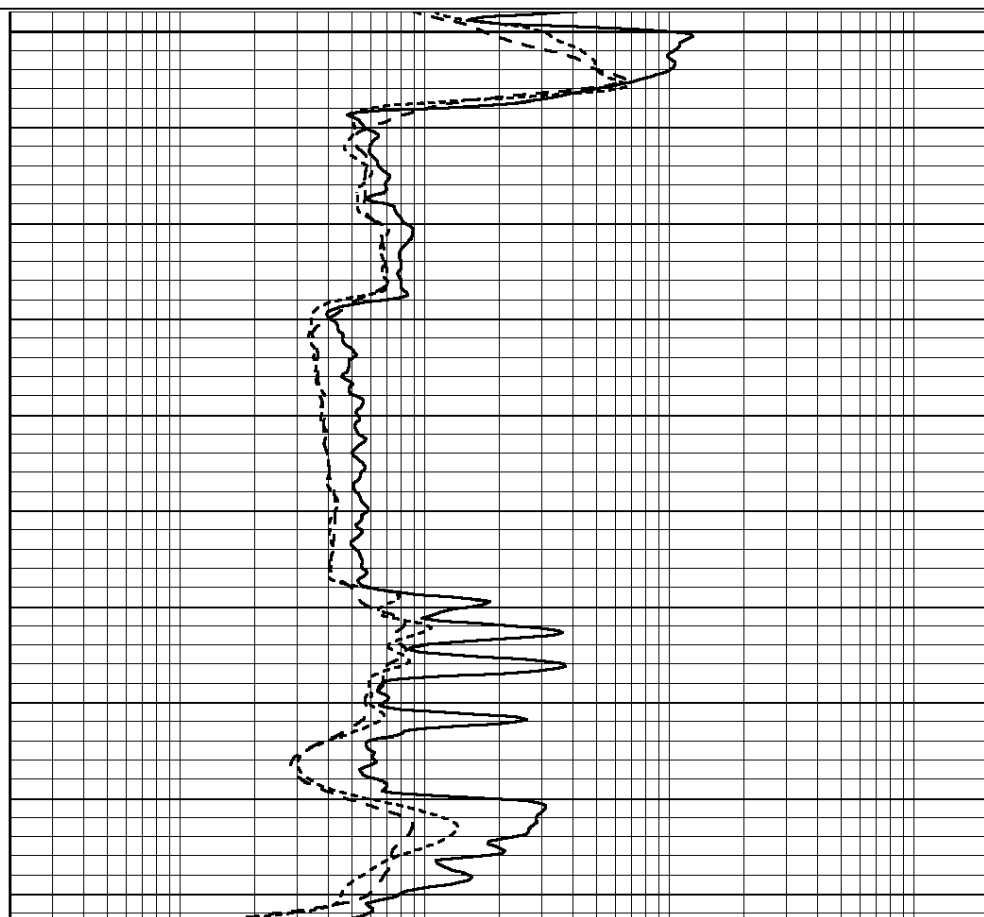
REPEAT SECTION

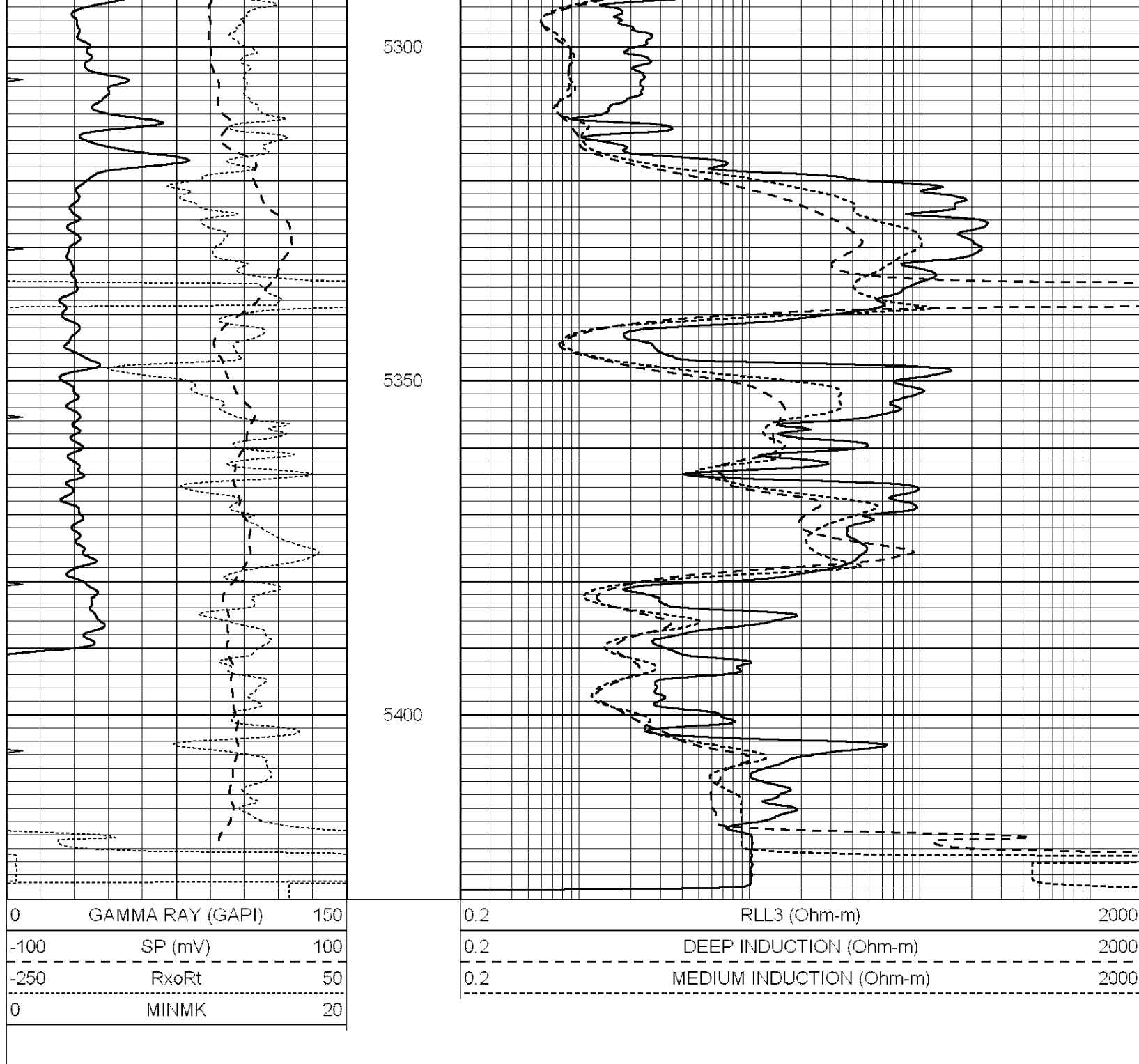
Database File: 005907pdm.db
 Dataset Pathname: pass2.1
 Presentation Format: dil
 Dataset Creation: Mon Oct 25 05:16:34 2010 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240



5200

5250





Calibration Report

Database File: 005907pdm.db
 Dataset Pathname: pass3.A
 Dataset Creation: Mon Oct 25 07:36:06 2010

Dual Induction Calibration Report

Serial-Model: DIL5-GEAR
 Performed: Mon Oct 25 04:56:14 2010

Loop:	Readings			References			Results	
	Air	Loop		Air	Loop		m	b
Deep	0.004	0.654	V	0.000	400.000	mmho/m	540.000	-6.000
Medium	-0.005	0.737	V	0.000	462.500	mmho/m	520.000	-8.000

Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.006	0.655	V	0.000	400.000	mmho/m	615.668	-3.483
Medium	0.010	0.747	V	0.000	462.500	mmho/m	627.607	-6.064
Litho Density Calibration Report Serial: 002 Model: PRB Performed Tue Jul 03 11:12:28 2007								
Litho Density Calibration								
	Background	Magnesium		Aluminum		Sandstone		
Window 1	1059.5	9172.0		2859.6		10210.6		cps
Window 2	976.0	7793.2		2486.1		8515.6		cps
Window 3	689.8	2930.5		1159.0		3096.2		cps
Window 4	231.9	237.2		231.1		234.0		cps
Long Space	0.0	6817.1		1510.1		7539.6		cps
Short Space	1.6	1758.1		1188.6		1898.8		cps
Rho		1.7100		2.5960		1.3800		g/cc
Pe				2.5700		1.5500		
Rib Angle	: 45.4	Rib Slope	: 1.015	Density/Spine Ratio		: 0.569		
Spine Angle	: 75.4	Spine Slope	: 3.850	Spine Intercept		: -19.9		
Caliper								
	Readings	Reference						
Low Ref	2.8	7.9						
High Ref	4.8	14.0						
	Gain: 3.0			Offset: -0.5				
Compensated Neutron Calibration Report								
Serial Number:			NEU_1I					
Tool Model:			G					
CALIBRATION								
	Detector	Readings		Target		Normalization		
	Short Space	1.00 cps		1.00 cps		1.0000		
	Long Space	1.00 cps		1.00 cps		1.0000		
Gamma Ray Calibration Report								
Serial Number:			GR5					
Tool Model:			OPEN					
Performed:			Mon Oct 25 05:20:58 2010					
Calibrator Value:			1.0			GAPI		
Background Reading:			0.0			cps		
Calibrator Reading:			1.0			cps		
Sensitivity:			0.6700			GAPI/cps		