



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

DUAL INDUCTION LOG

Company	VINCENT OIL CORPORATION
Well	WHITE NO 2-1
Field	WILDCAT
County	FORD
State	KANSAS
Location:	API # : 15-057-20870-00-00 NE - SE - SW - NW 2232' FNL & 998' FWL
Permanent Datum Log Measured From Drilling Measured From	GROUND LEVEL KELLY BUSHING 10' A.G.L. KELLY BUSHING
Other Services CNL/CDL/PE MEL/SON	Elevation K.B. 2531 D.F. 2529 G.L. 2521
Date	01/16/2013
Run Number	ONE
Depth Driller	5400
Depth Logger	5399
Bottom Logged Interval	5397
Top Log Interval	00
Casing Driller	689
Casing Logger	689
Bit Size	7.875
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.2 / 54
pH / Fluid Loss	11.0 / 13.2
Source of Sample	FLOWLINE
Rim @ Meas. Temp	.5 @ 75F
Rmf @ Meas. Temp	.4 @ 75F
Rmc @ Meas. Temp	.6 @ 75F
Source of Rmf / Rmc	MEASURED
Rim @ BHT	.29 @ 128
Time Circulation Stopped	3 HOURS
Time Logger on Bottom	
Maximum Recorded Temperature	128
Equipment Number	860
Location	HAYS, KS.
Recorded By	MIKE GARRISON
Witnessed By	TOM DUDGEON

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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

NABORS COMPLETION & PRODUCTION CO.
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS:FORD, KS SOUTH ON BLACKTOP 125RD TO WILBORN RD, 1 3/4 WEST, SOUTH INTO



NABORS

**COMPLETION
& PRODUCTION**

MAIN SECTION

Database File: 010653pe.db
 Dataset Pathname: pass14.3
 Presentation Format: dil2
 Dataset Creation: Wed Jan 16 23:22:12 2013
 Charted by: Depth in Feet scaled 1:600

0 Gamma Ray (GAPI) 150

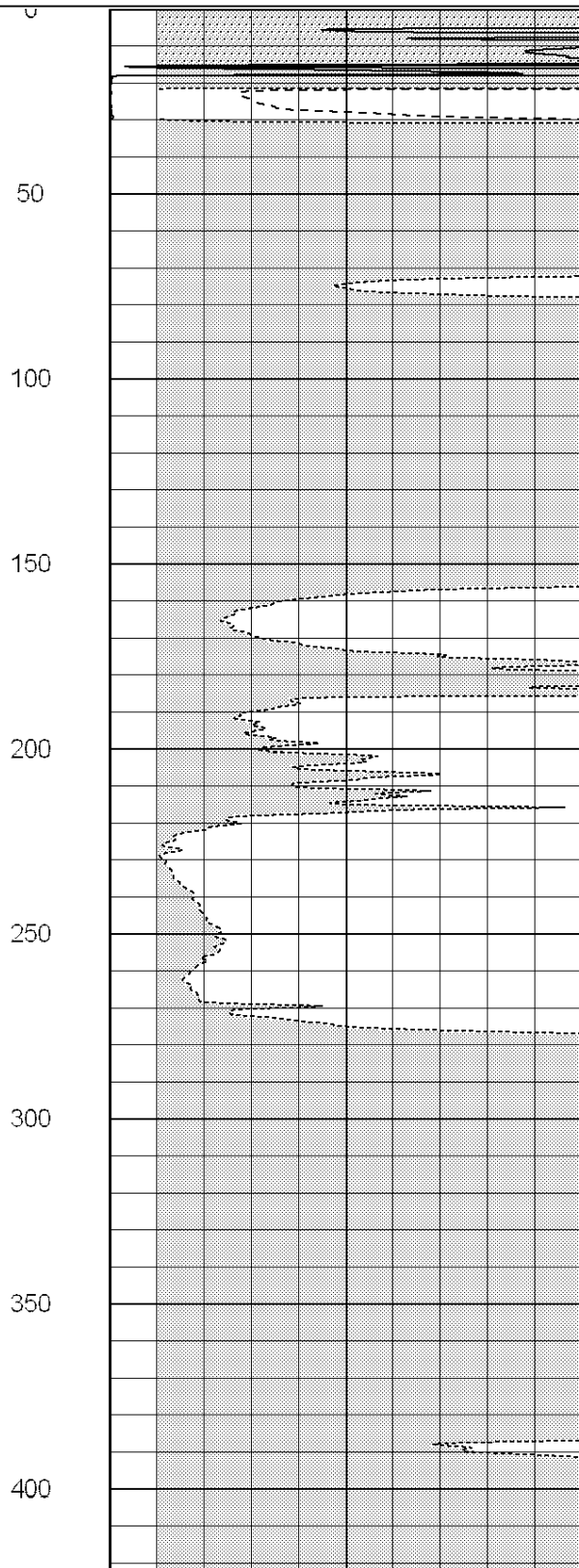
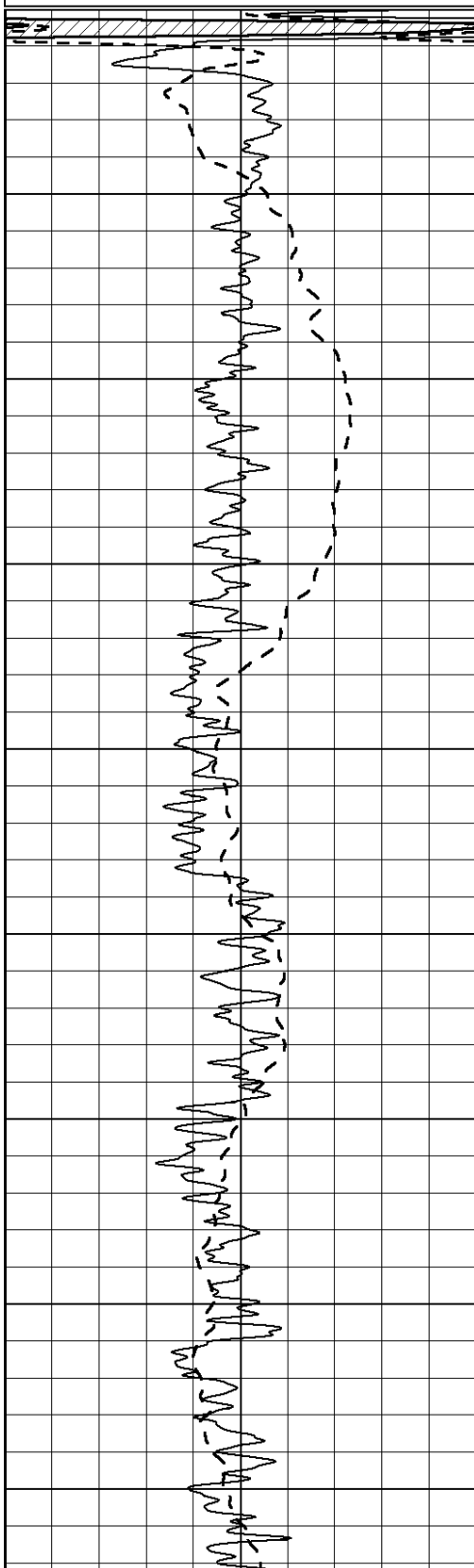
0 RLL3 (Ohm-m) 50

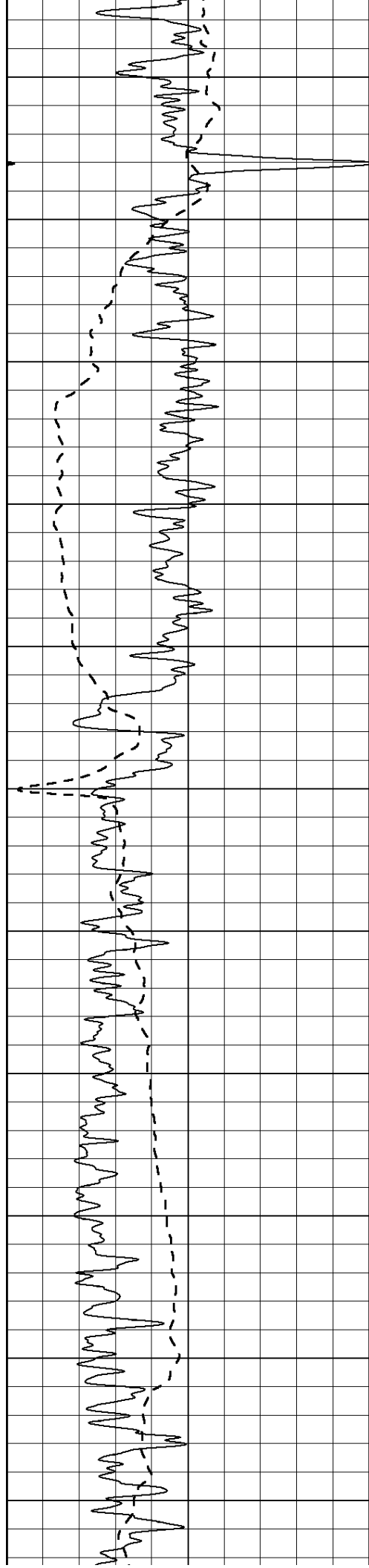
0 Deep Induction (Ohm-m) 50

1000 CILD (mmho/m) 0

50 RILD X10 (Ohm-m) 500

50 RLL3 X10 (Ohm-m) 500





450

500

550

600

650

700

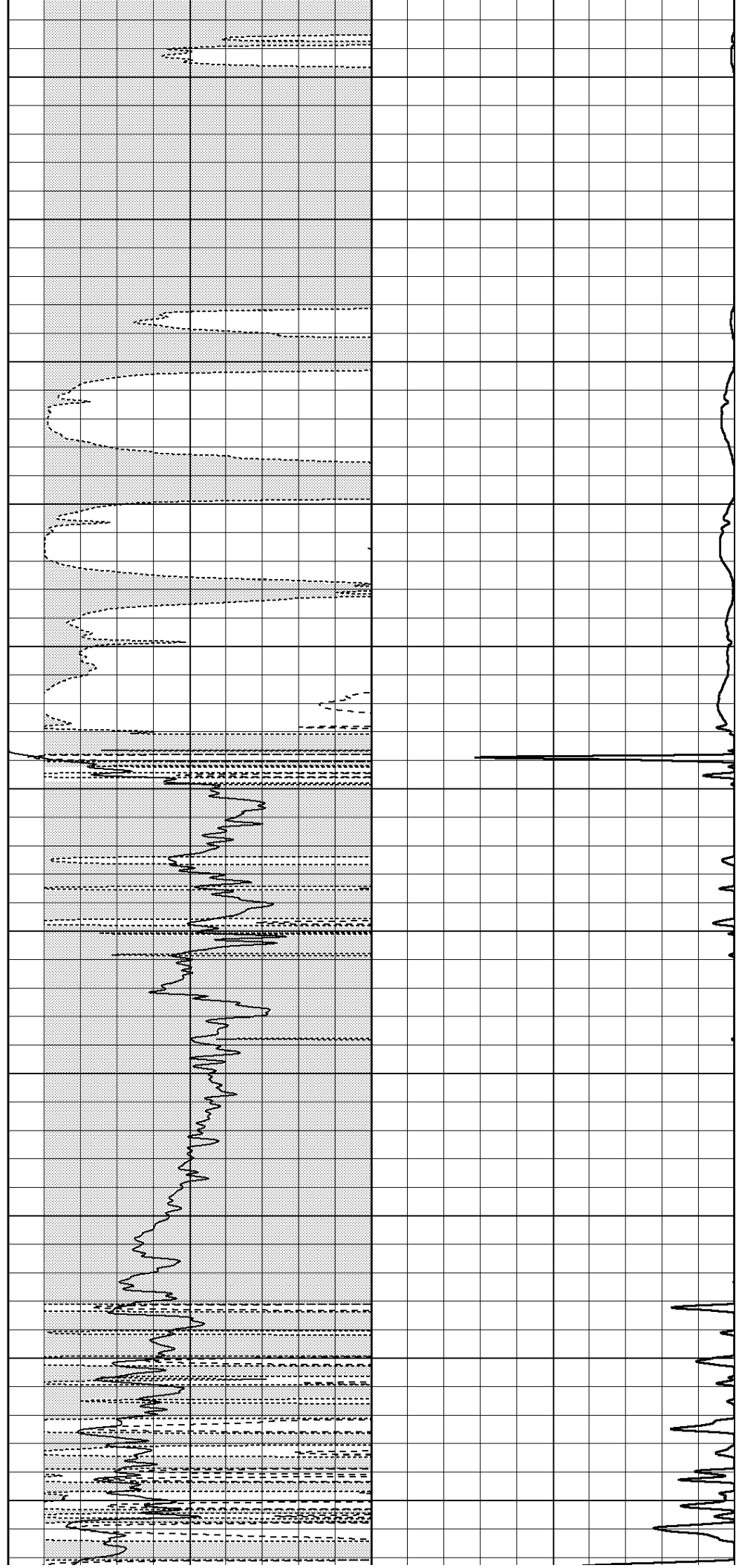
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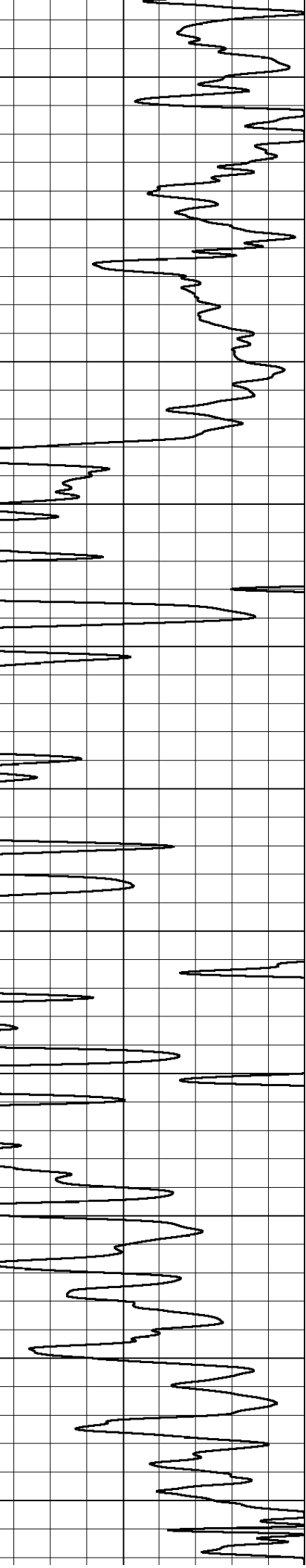
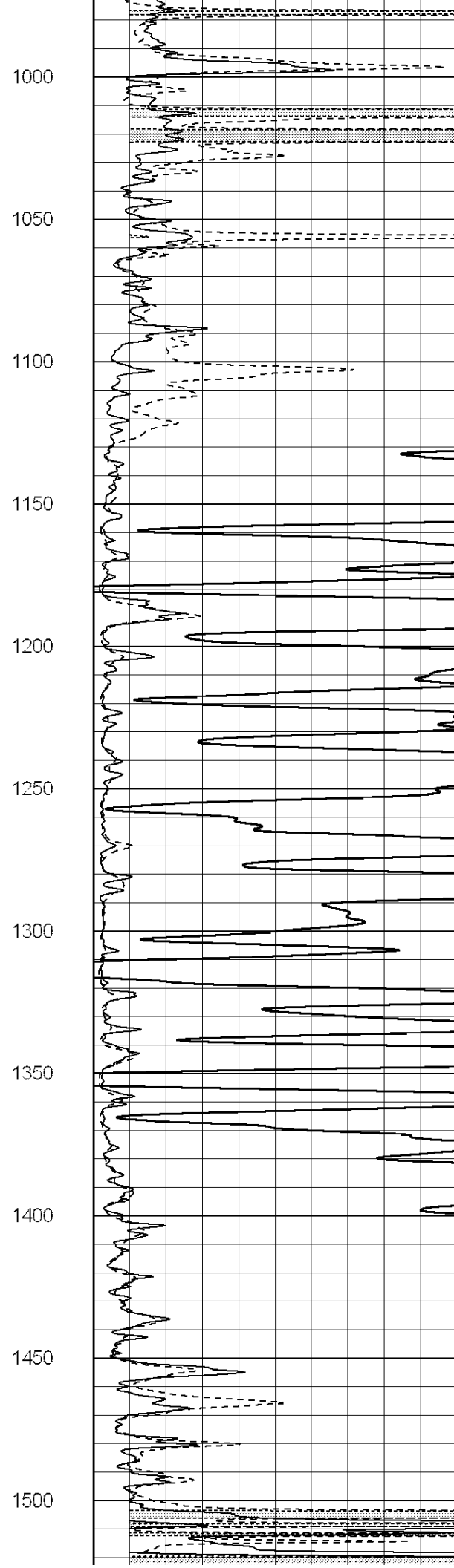
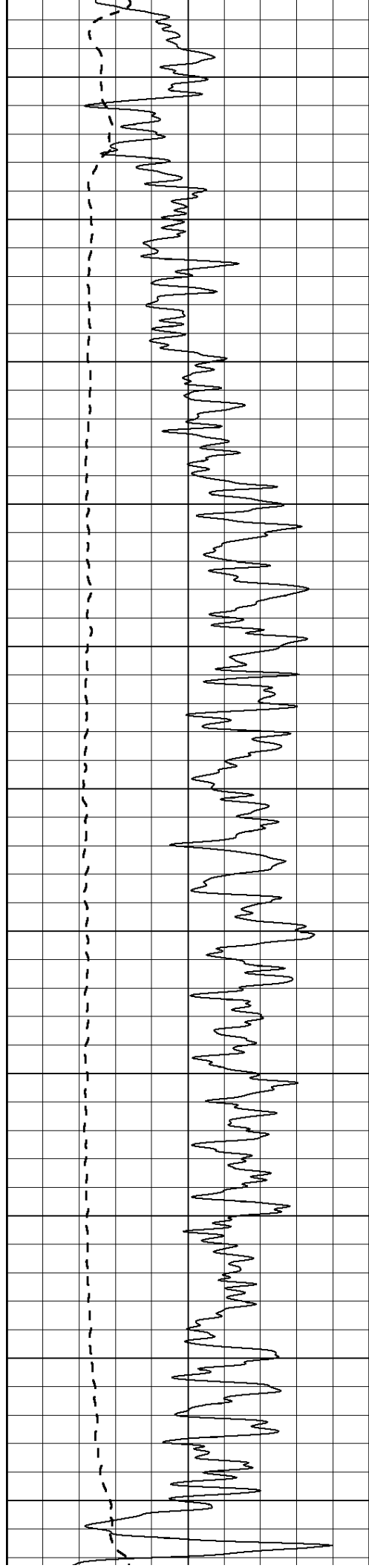
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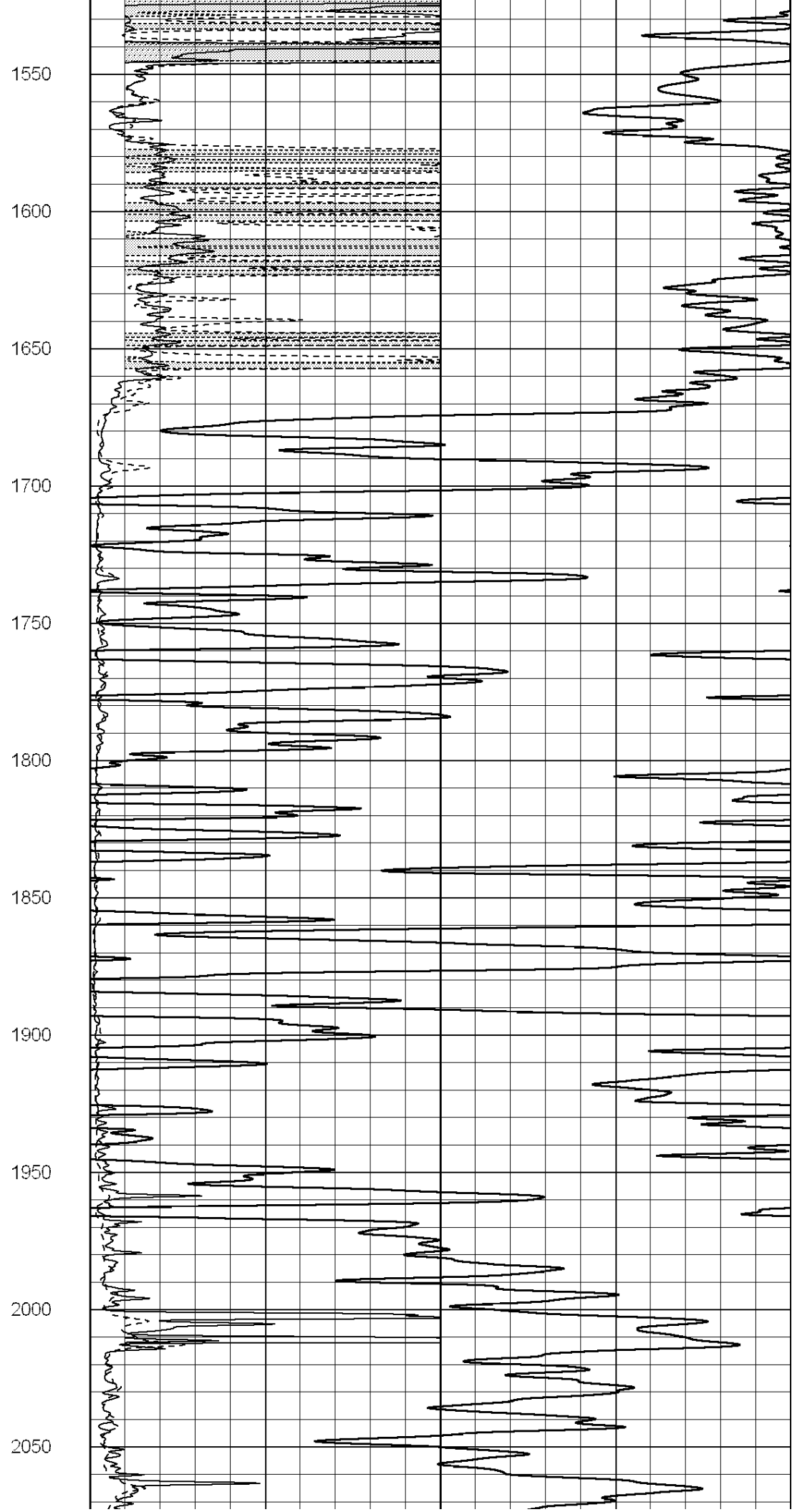
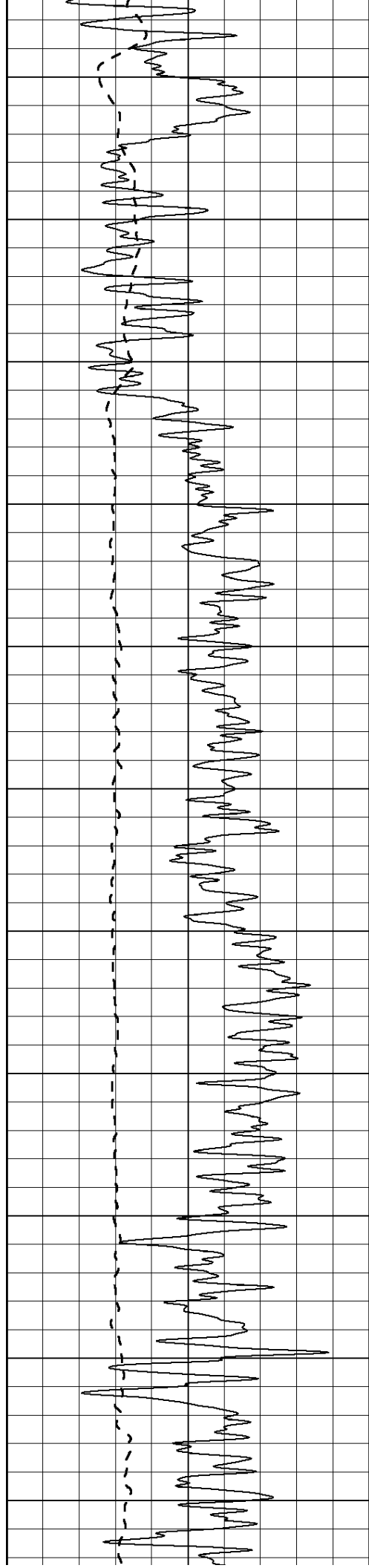
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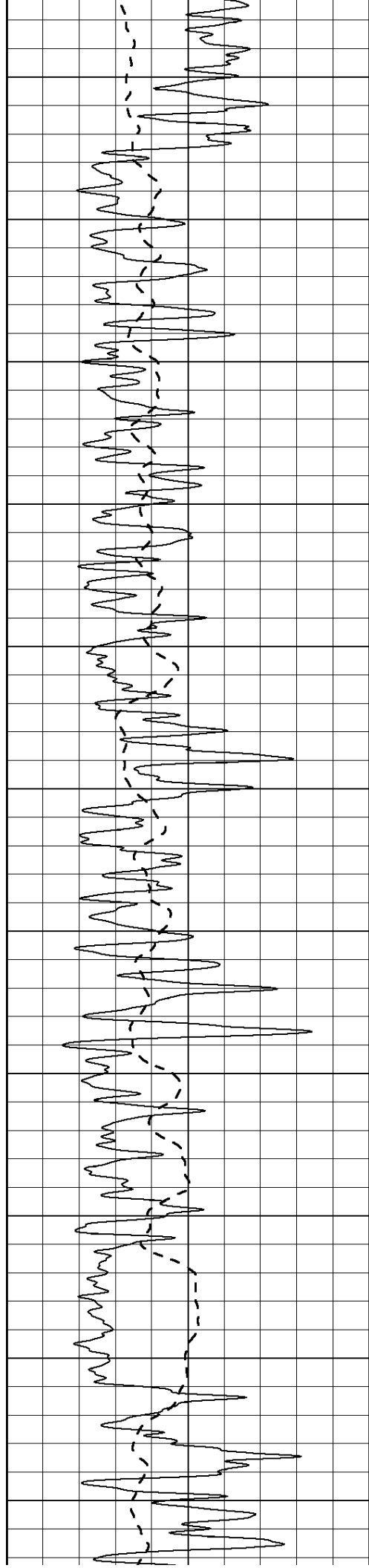
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950









2100

2150

2200

2250

2300

2350

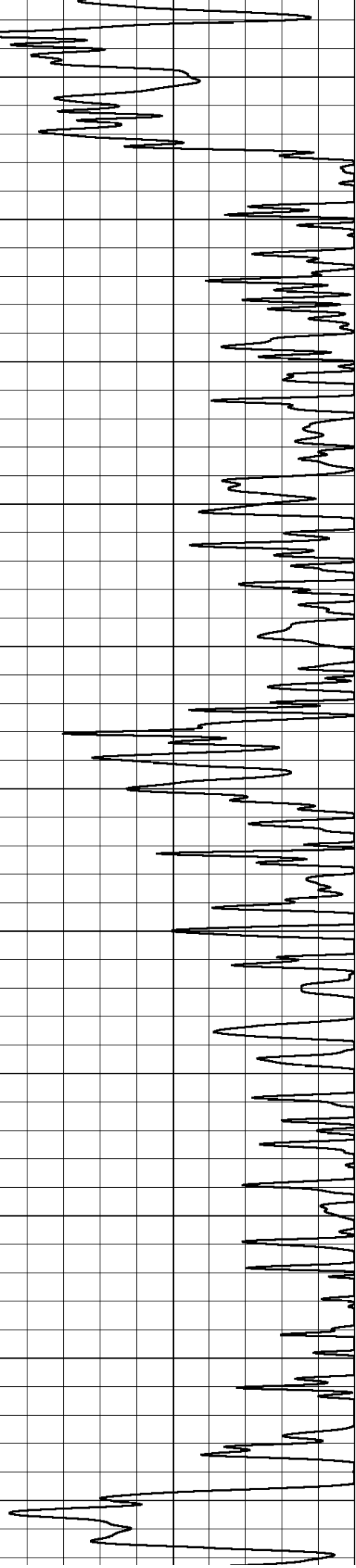
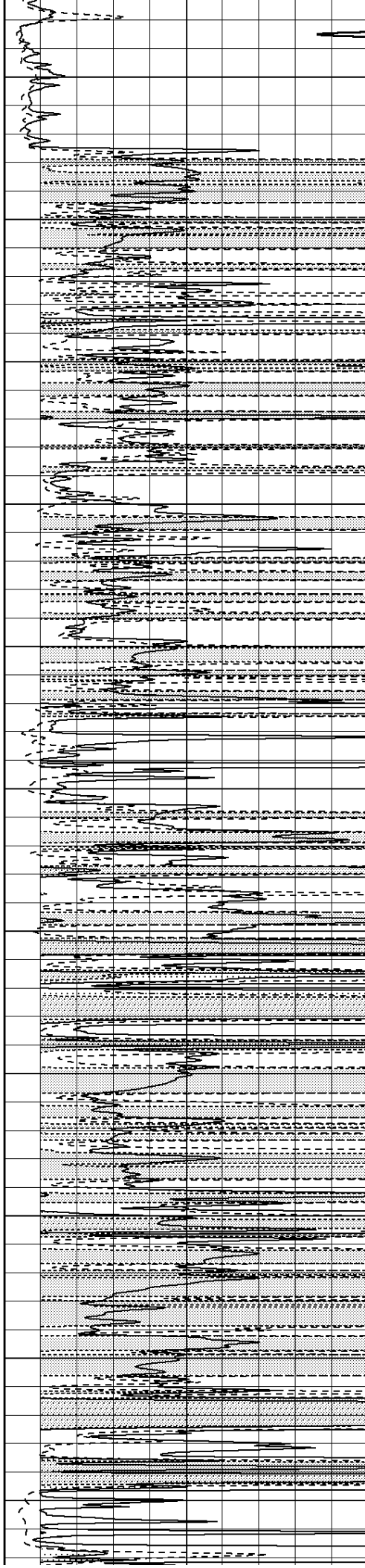
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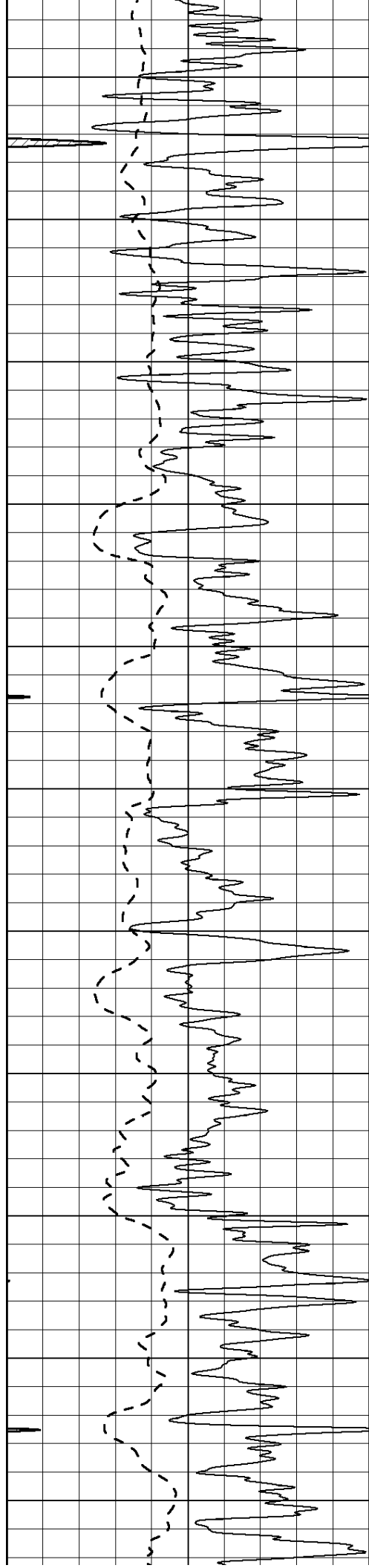
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2500

2550

2600





2650

2700

2750

2800

2850

2900

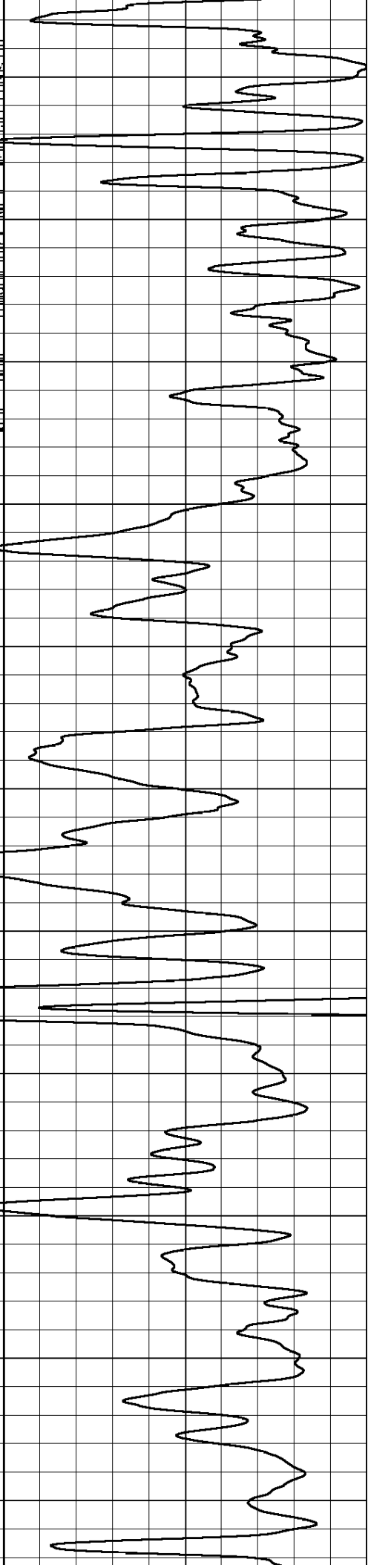
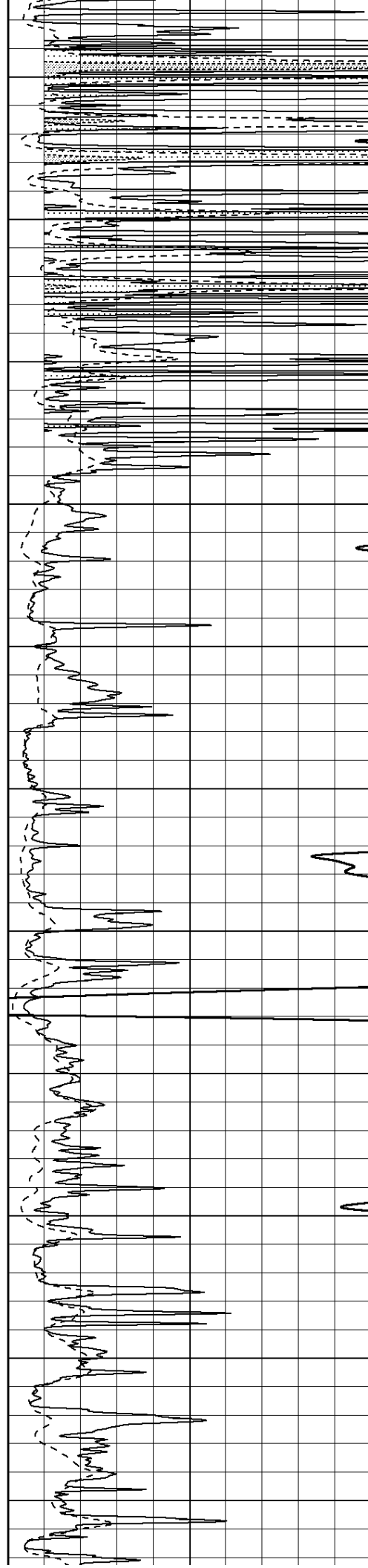
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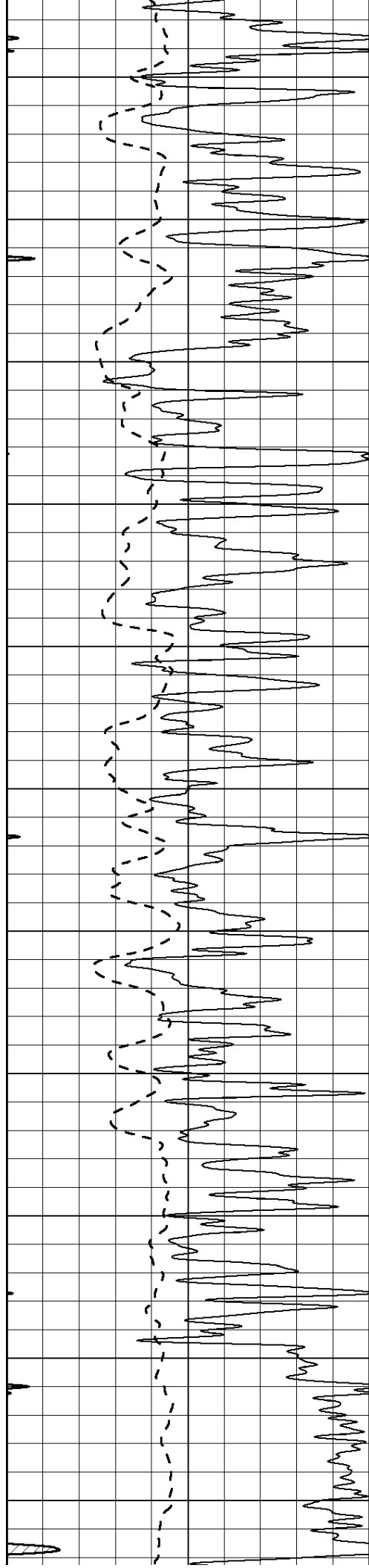
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3050

3100

3150





3200

3250

3300

3350

3400

3450

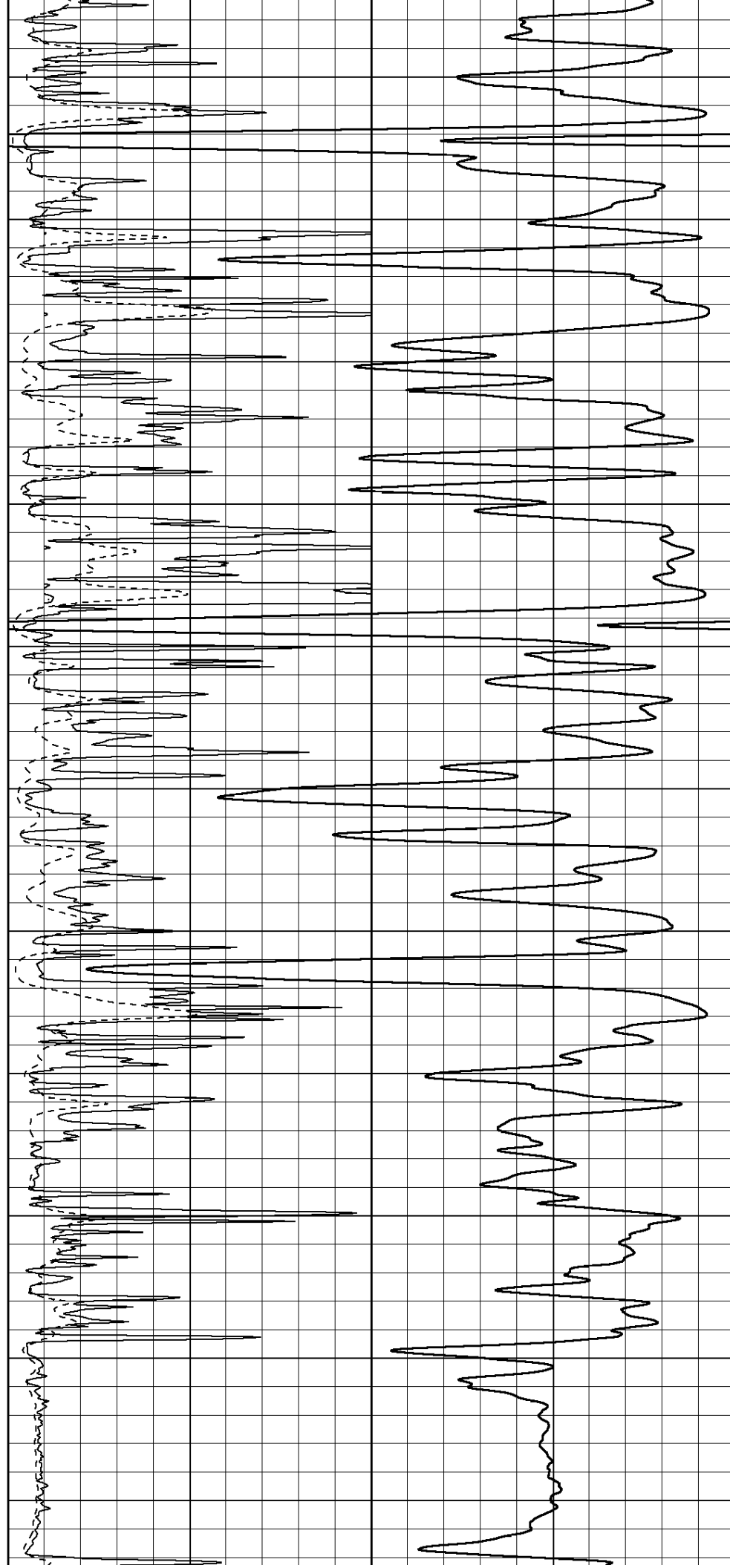
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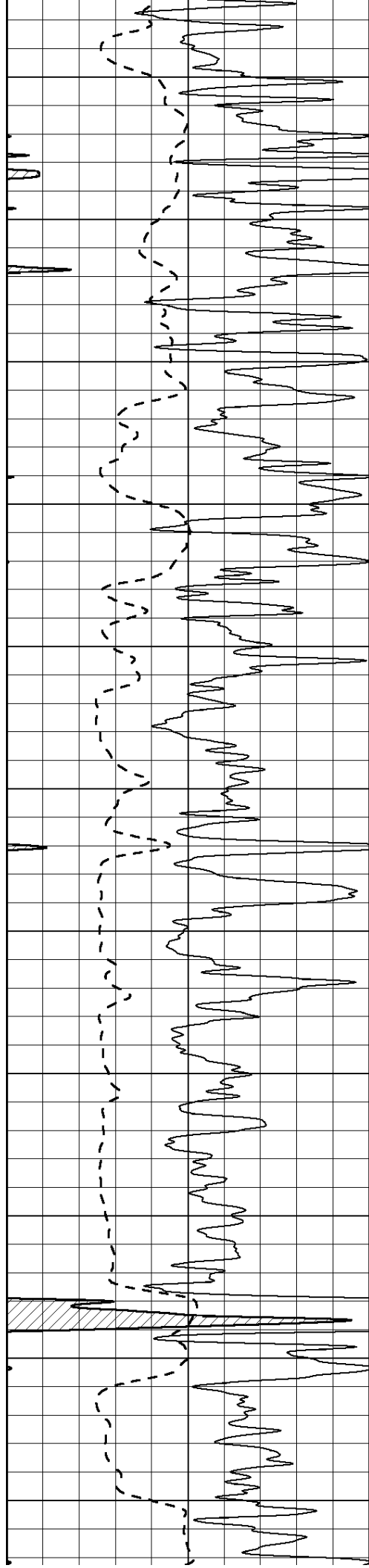
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3700





3750

3800

3850

3900

3950

4000

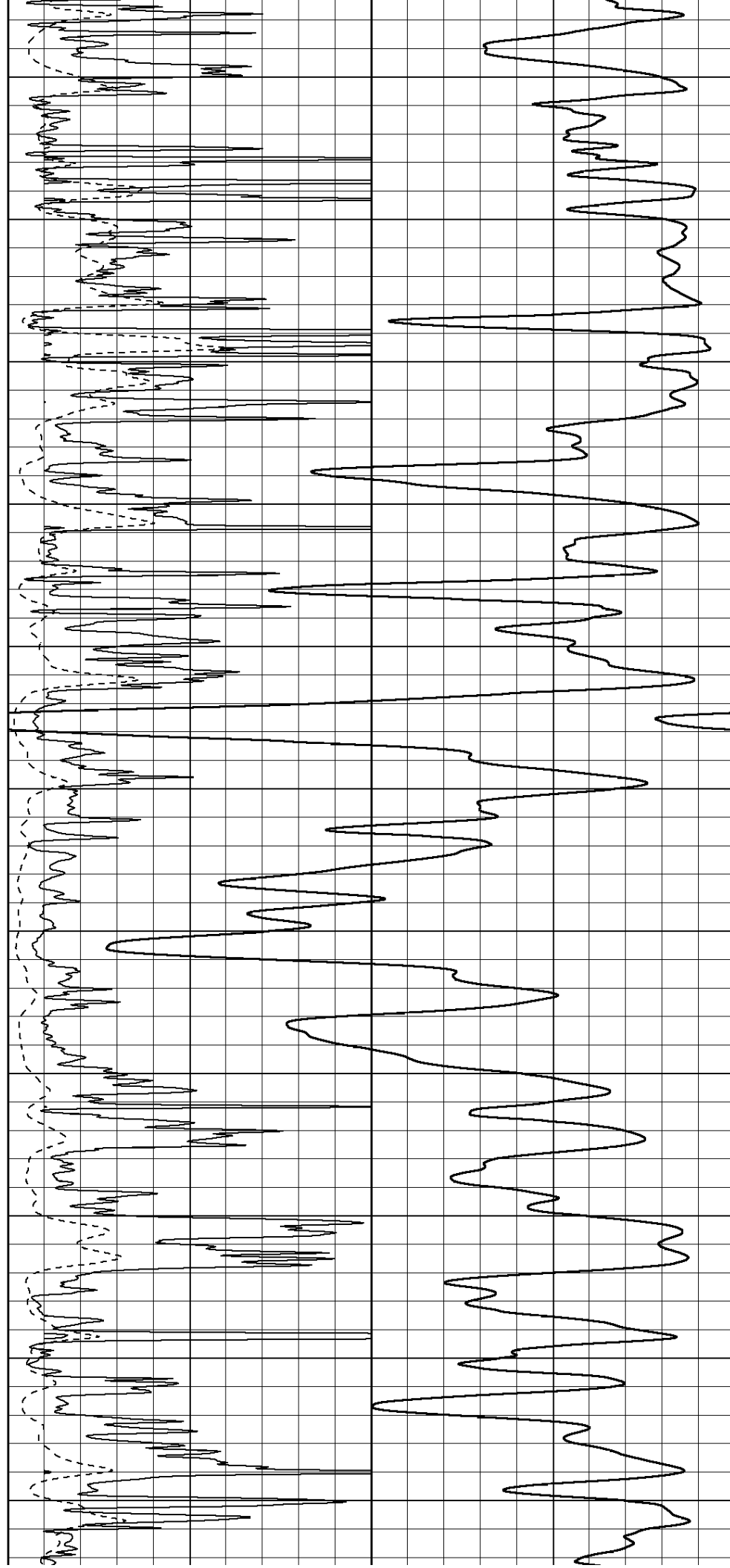
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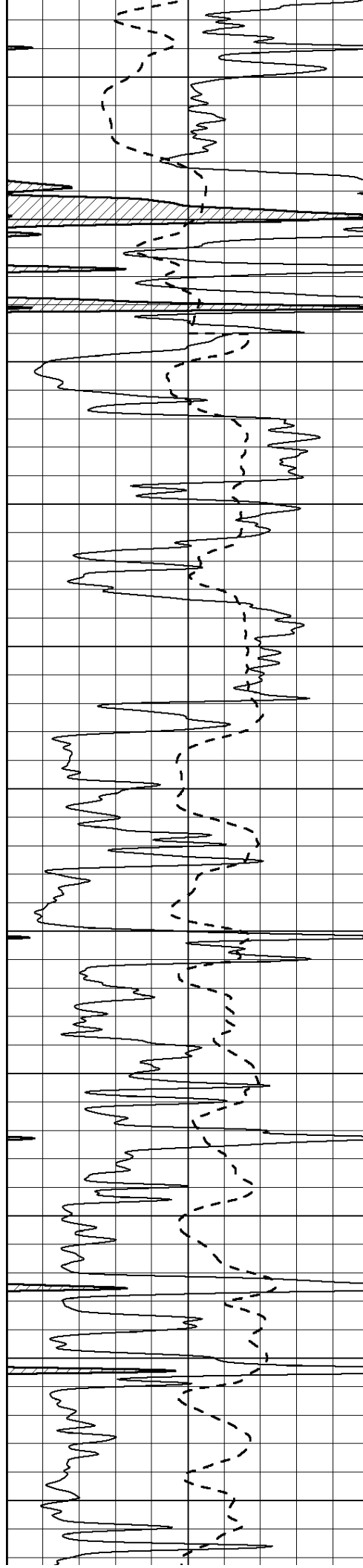
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4150

4200

4250





4300

4350

4400

4450

4500

4550

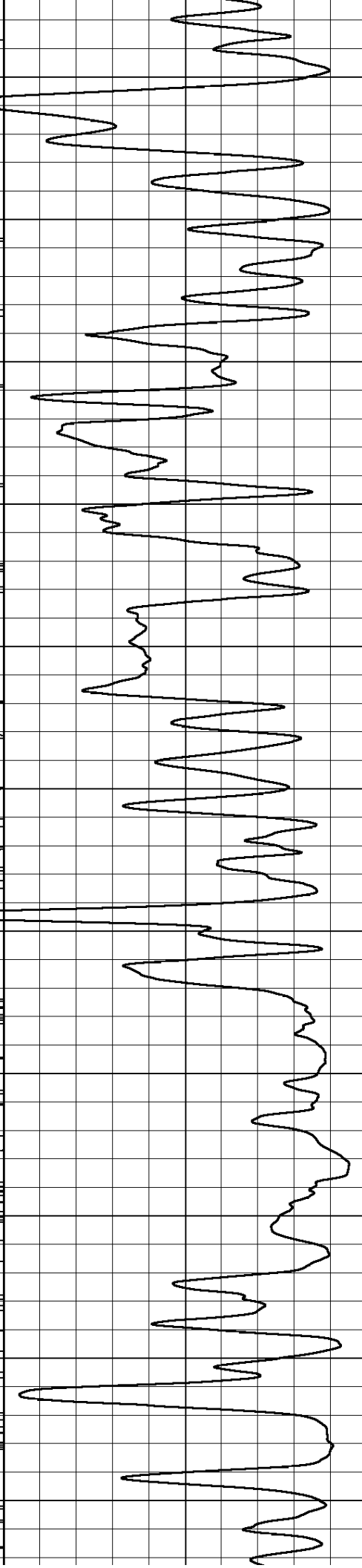
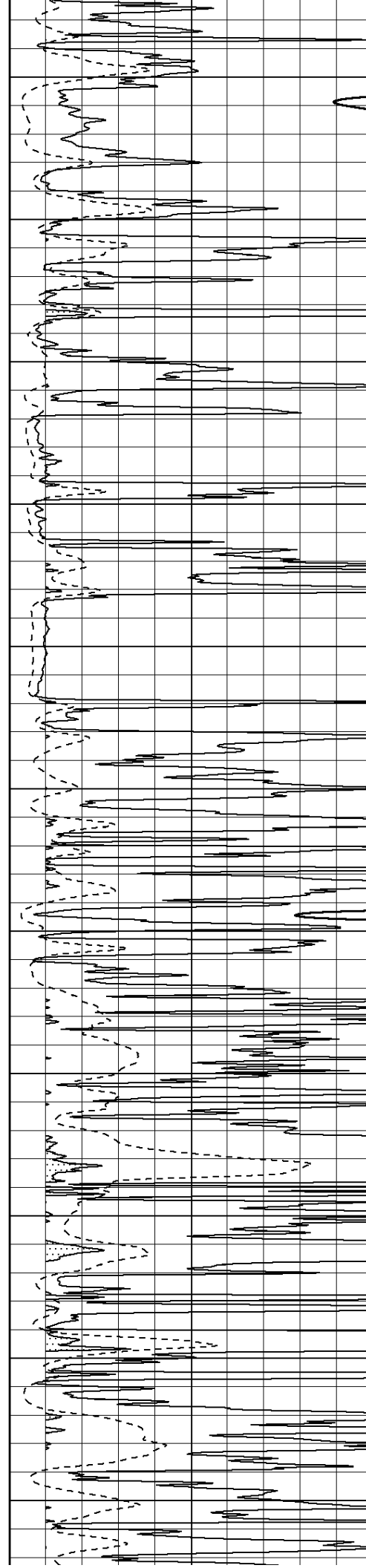
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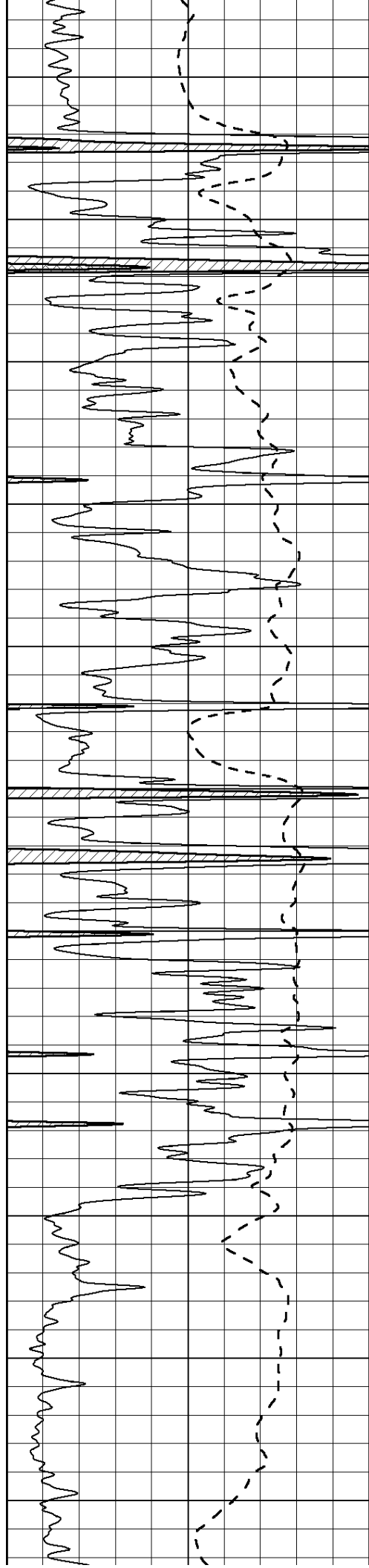
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4700

4750

4800





4850

4900

4950

5000

5050

5100

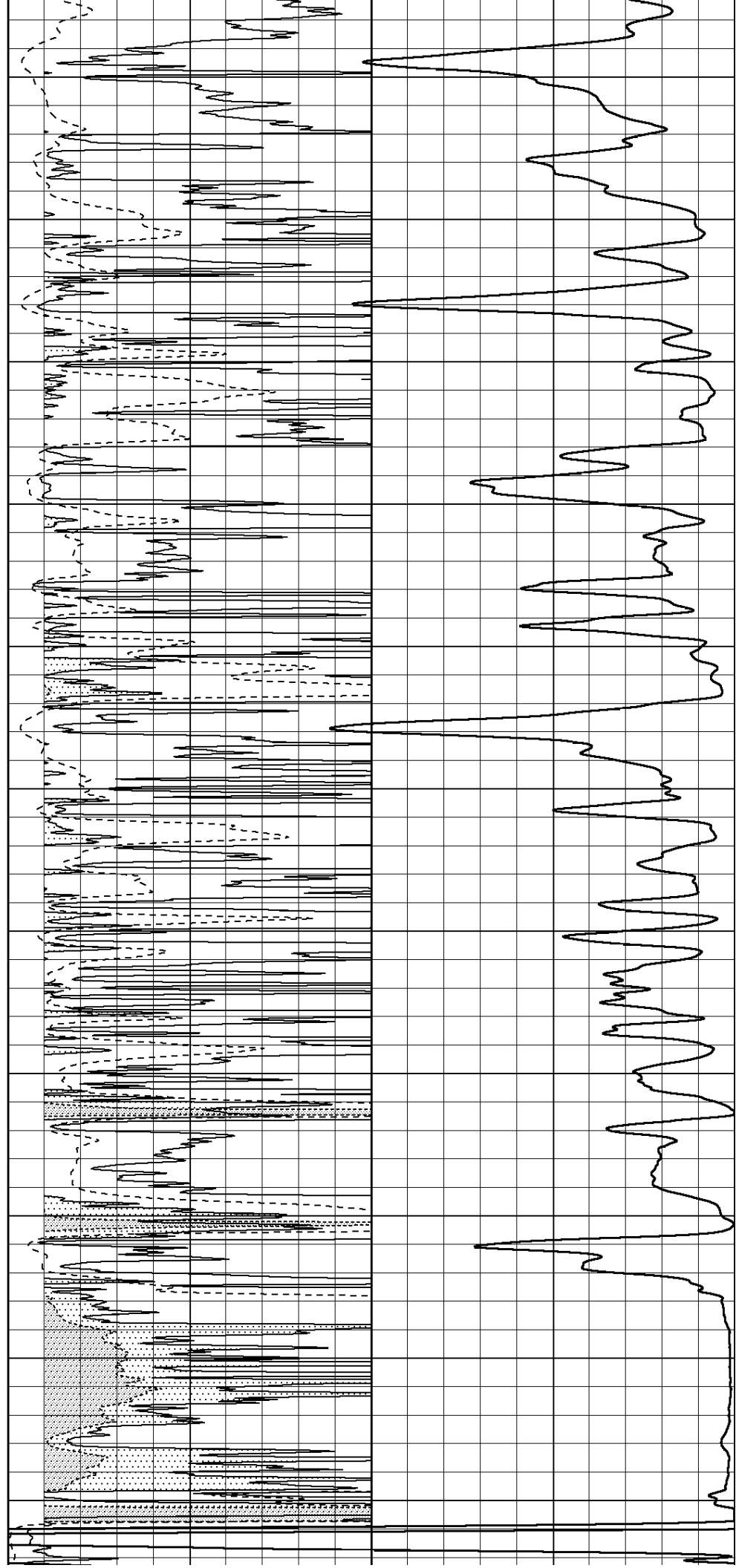
5150

5200

5250

5300

5350



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

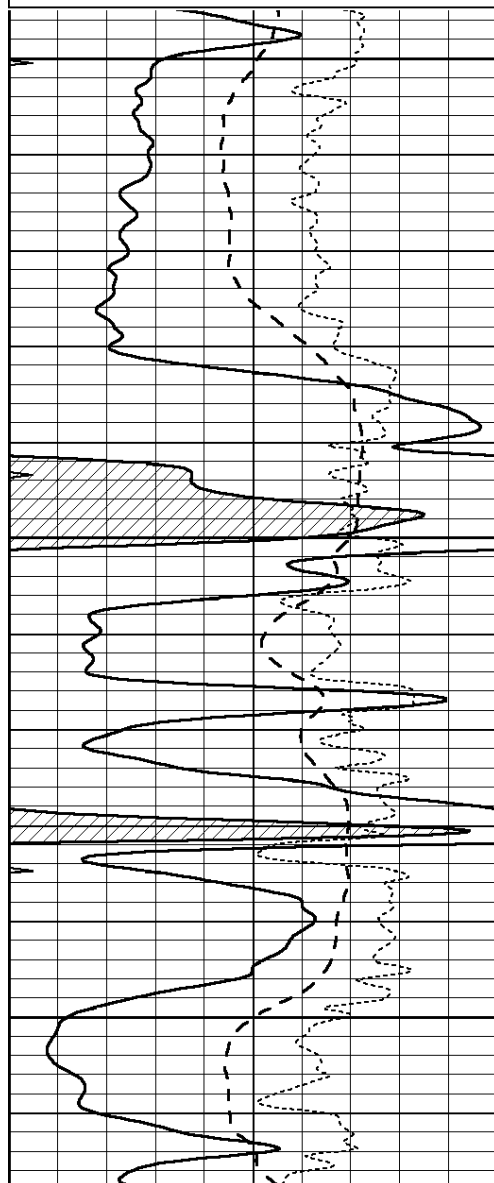


**COMPLETION
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SERVICES CO.**

MAIN SECTION

Database File: 010653pe.db
Dataset Pathname: pass14.4
Presentation Format: dil
Dataset Creation: Wed Jan 16 23:29:35 2013 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

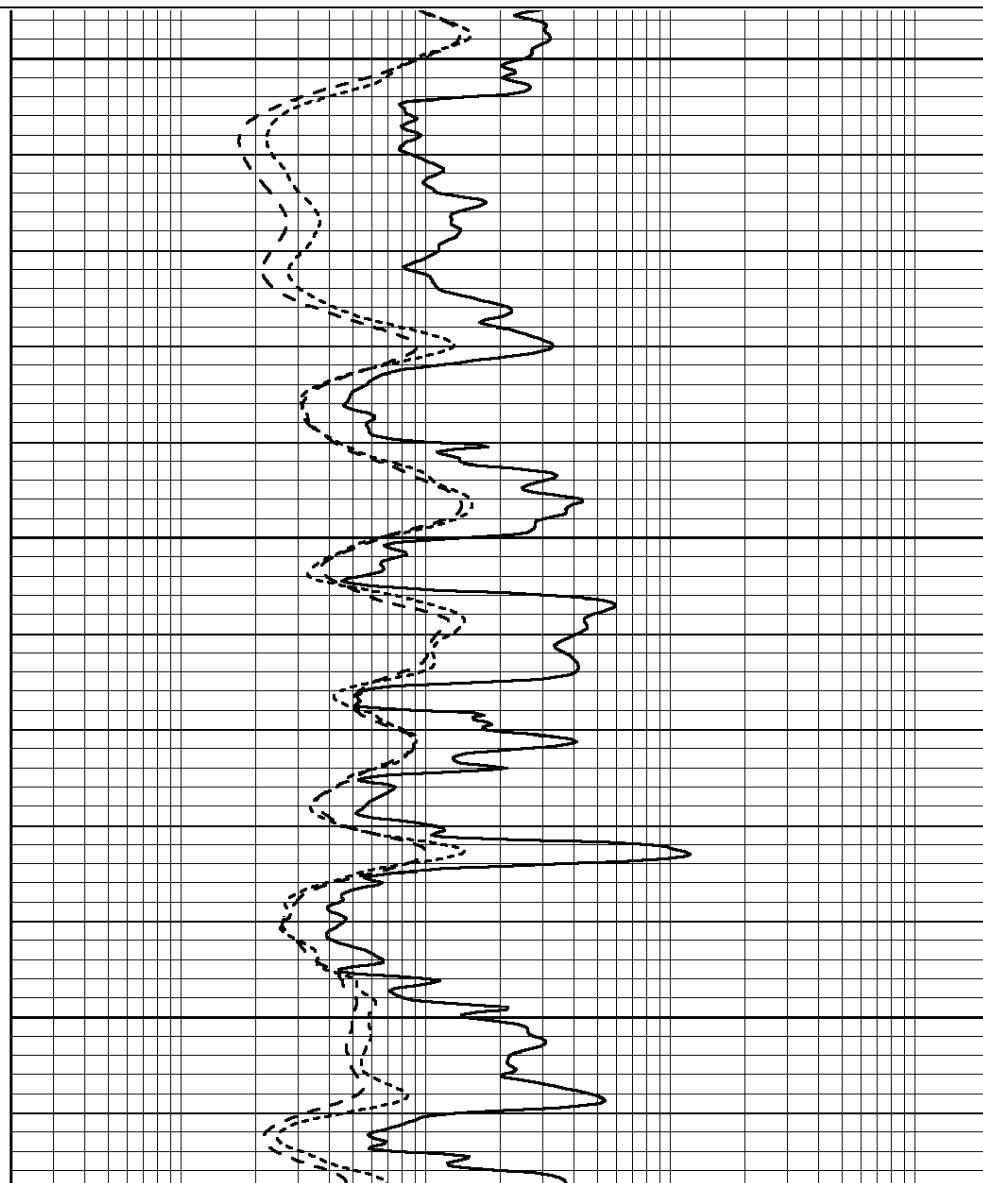
0	GAMMA RAY (GAPI)	150	0.2	RLL3 (Ohm-m)	2000
-100	SP (mV)	100	0.2	DEEP INDUCTION (Ohm-m)	2000
-250	RxoRt	50	0.2	MEDIUM INDUCTION (Ohm-m)	2000
0	MINMK	20			

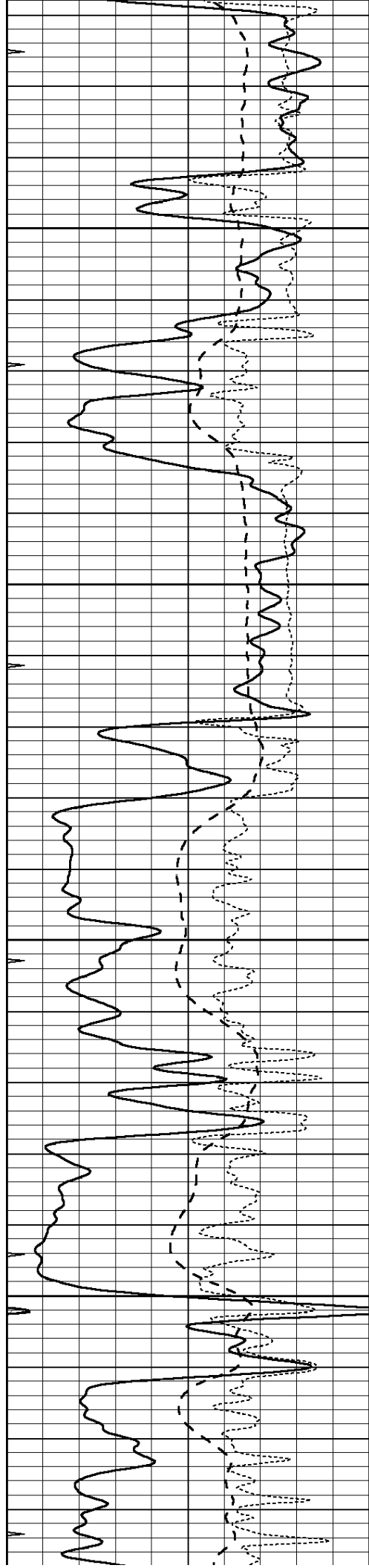


4300

4350

4400



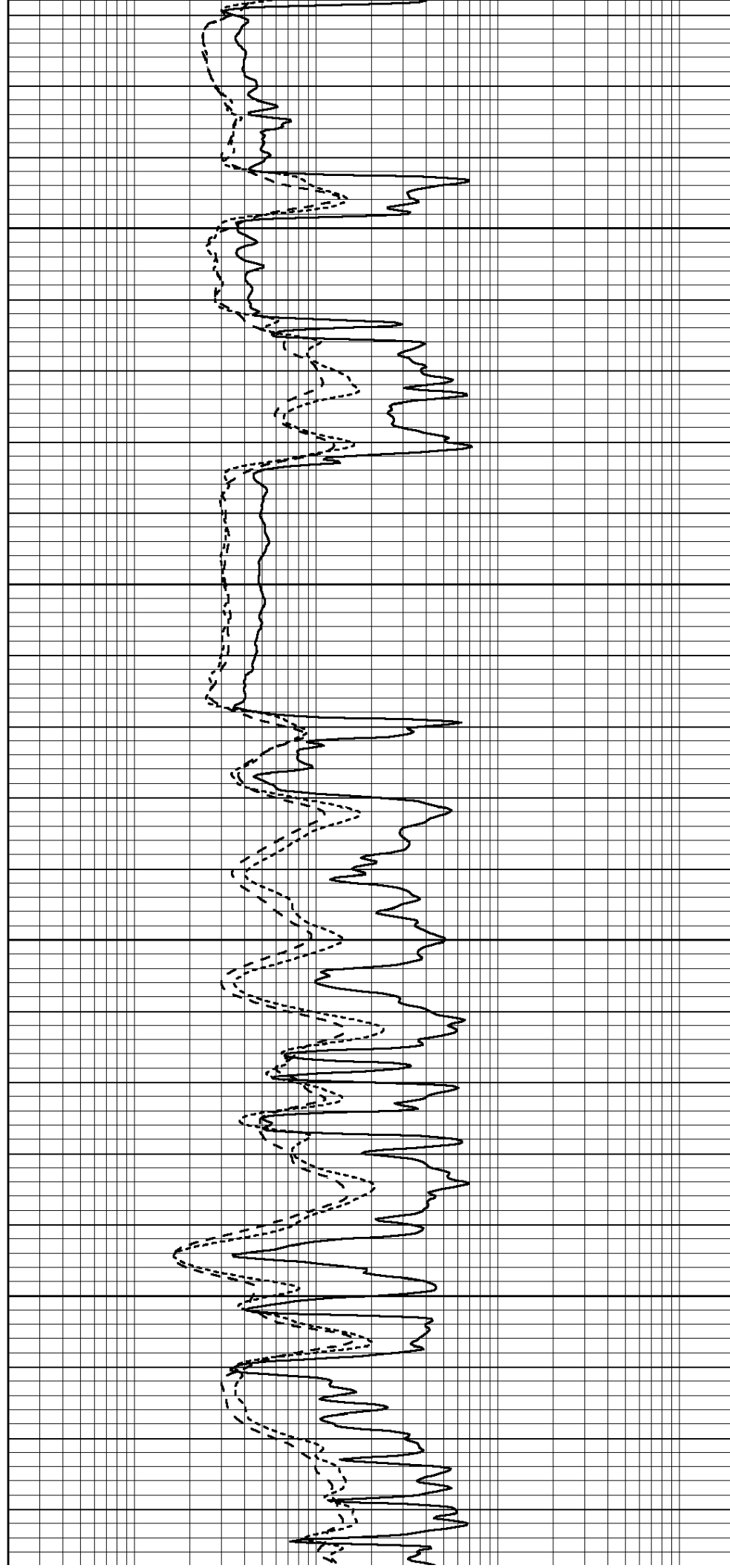


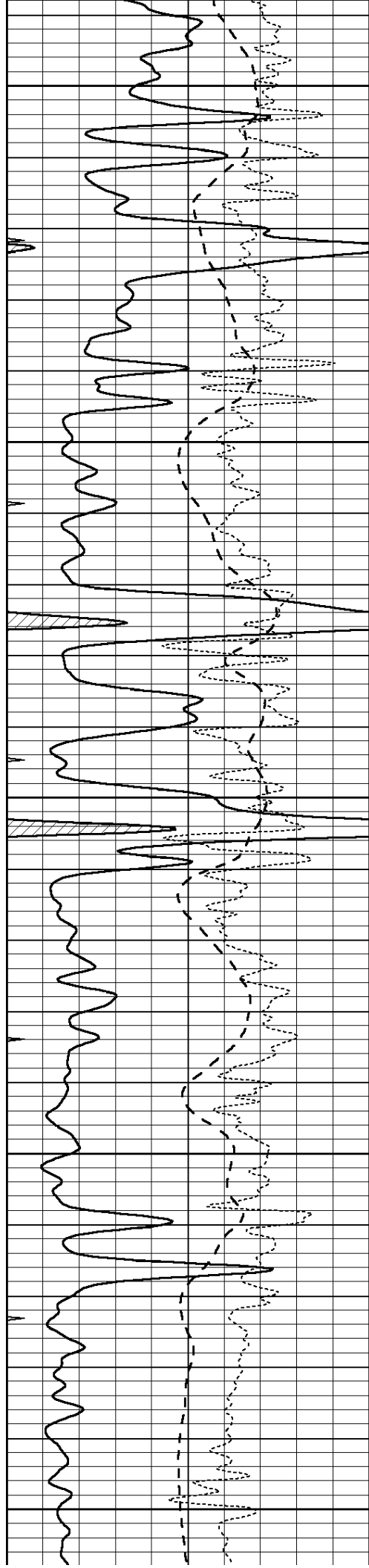
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4500

4550

4600





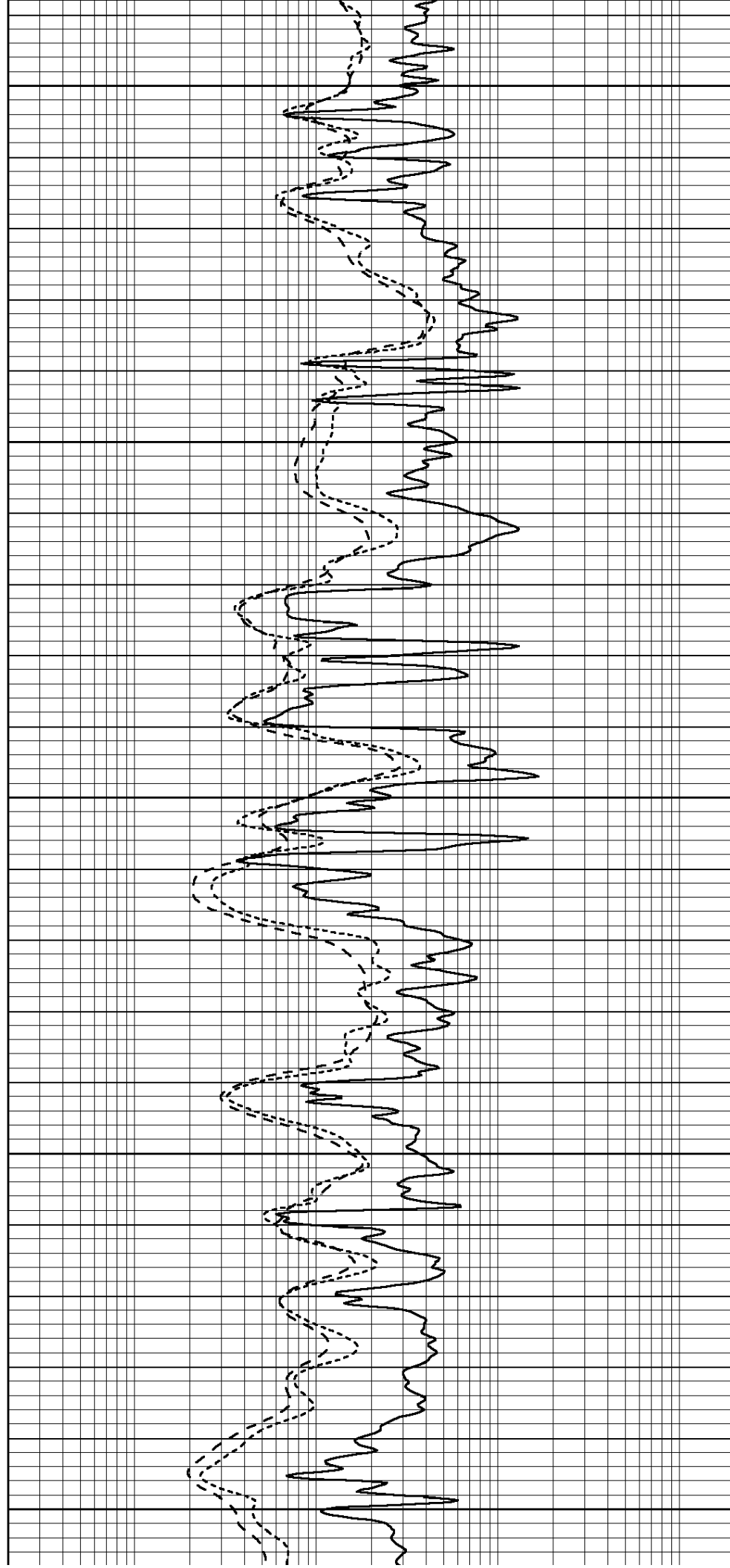
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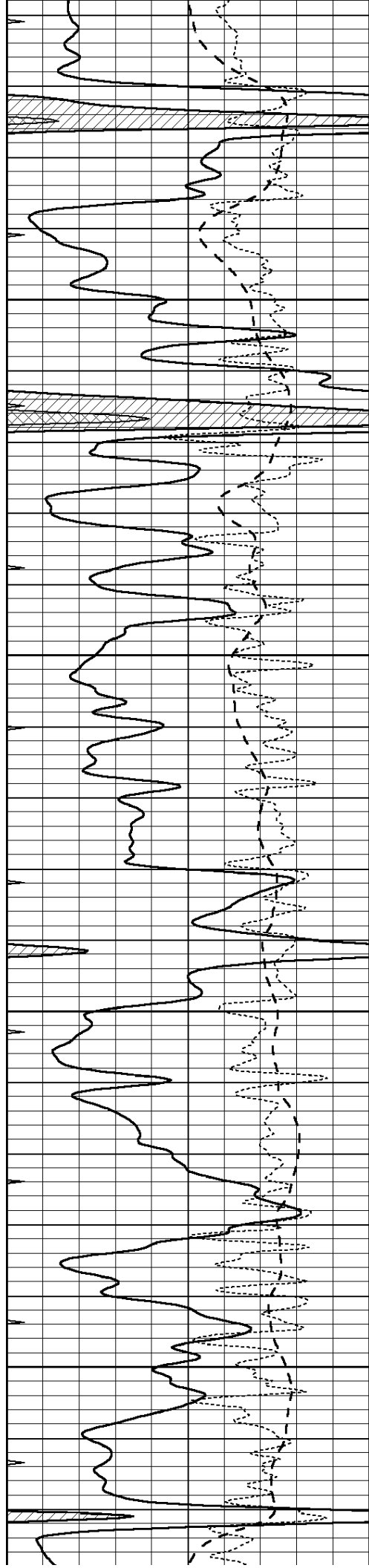
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4850



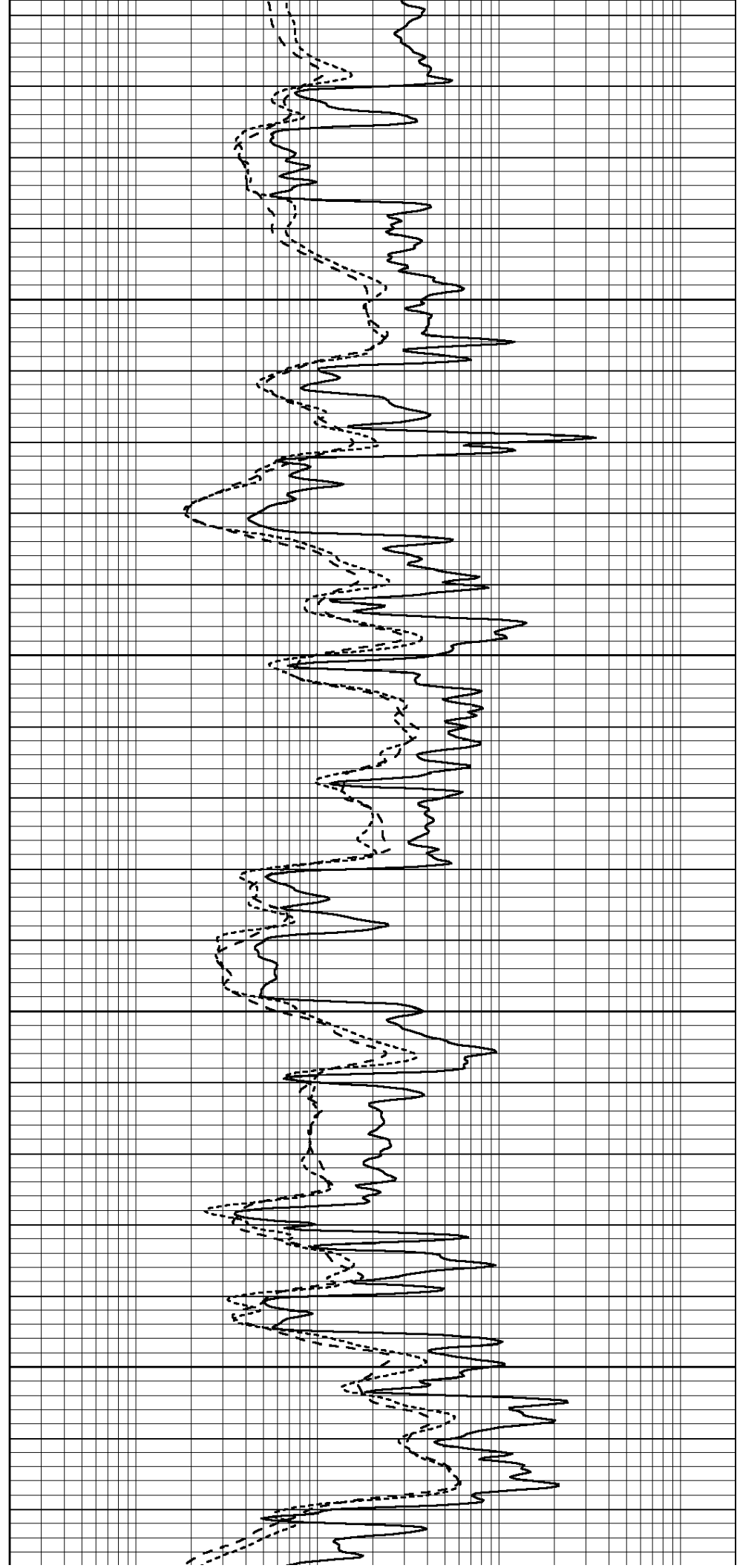


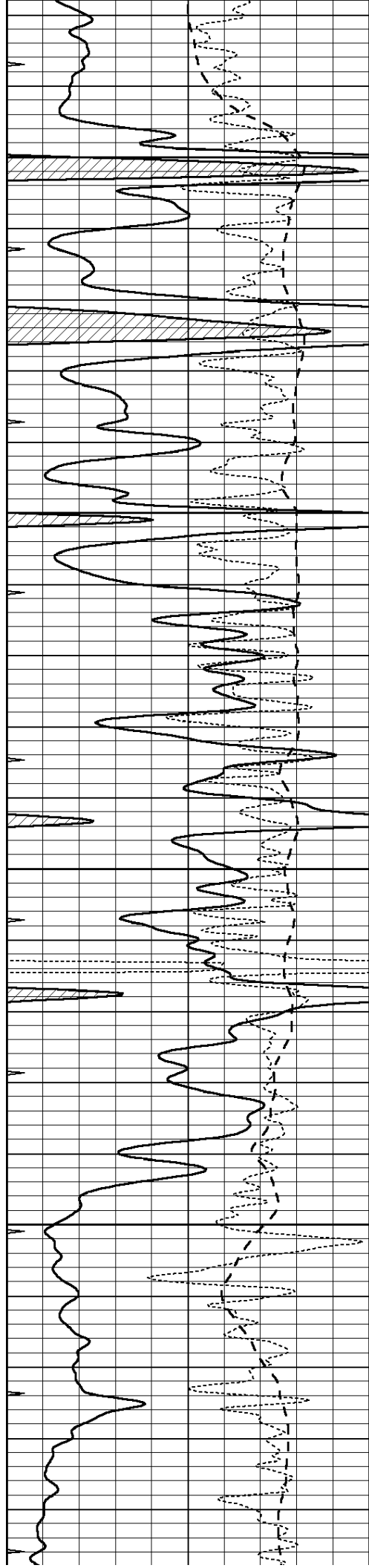
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4950

5000

5050



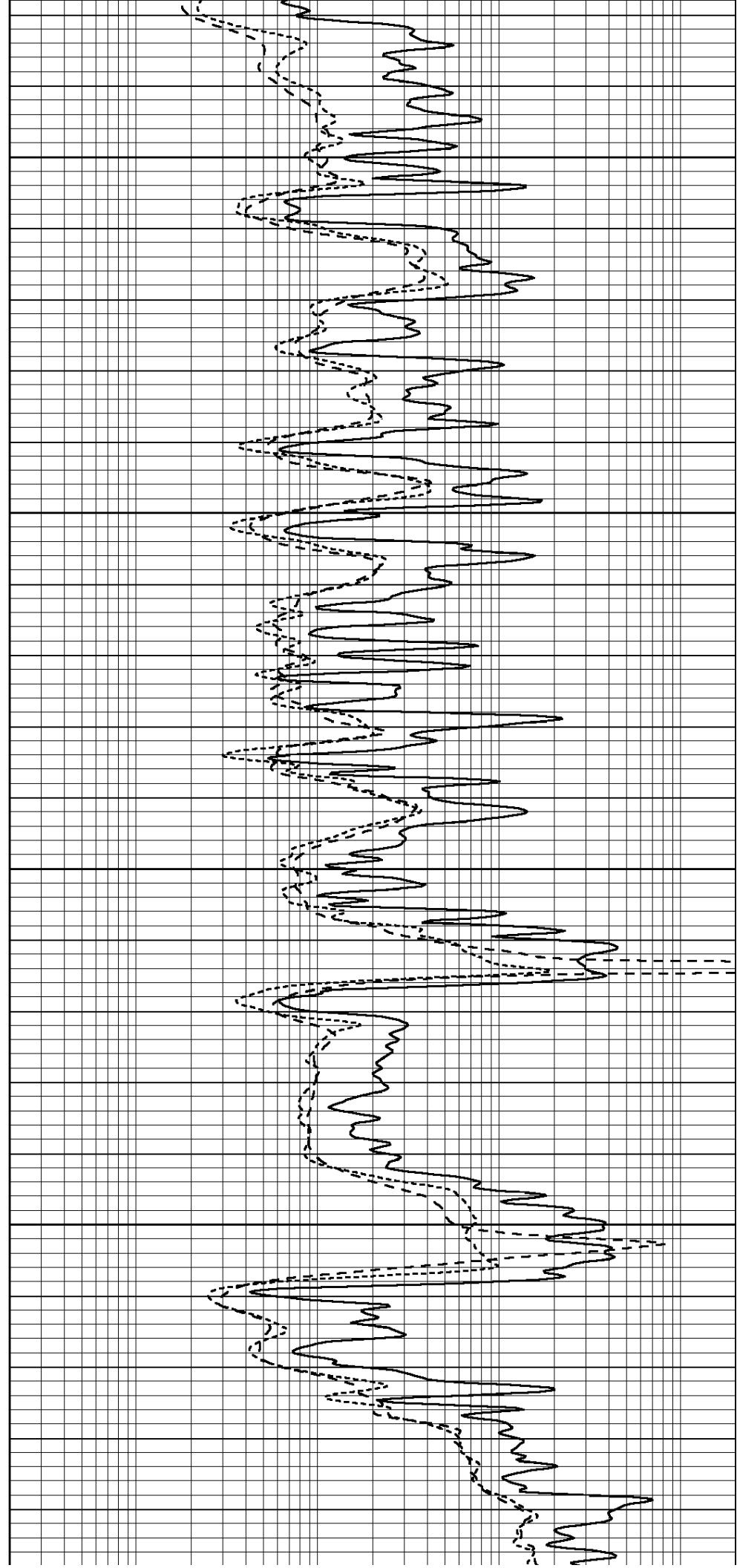


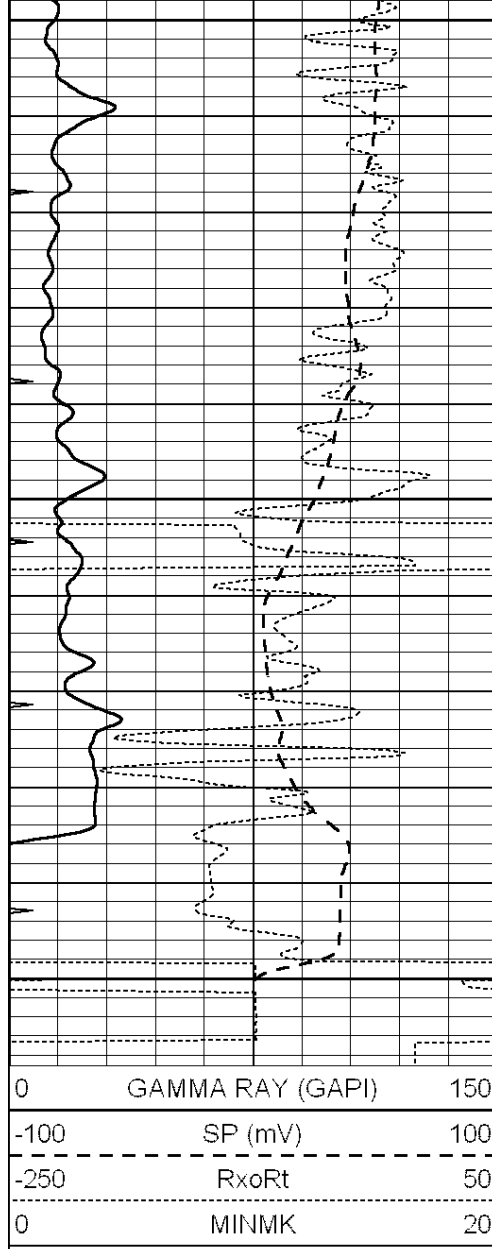
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5150

5200

5250

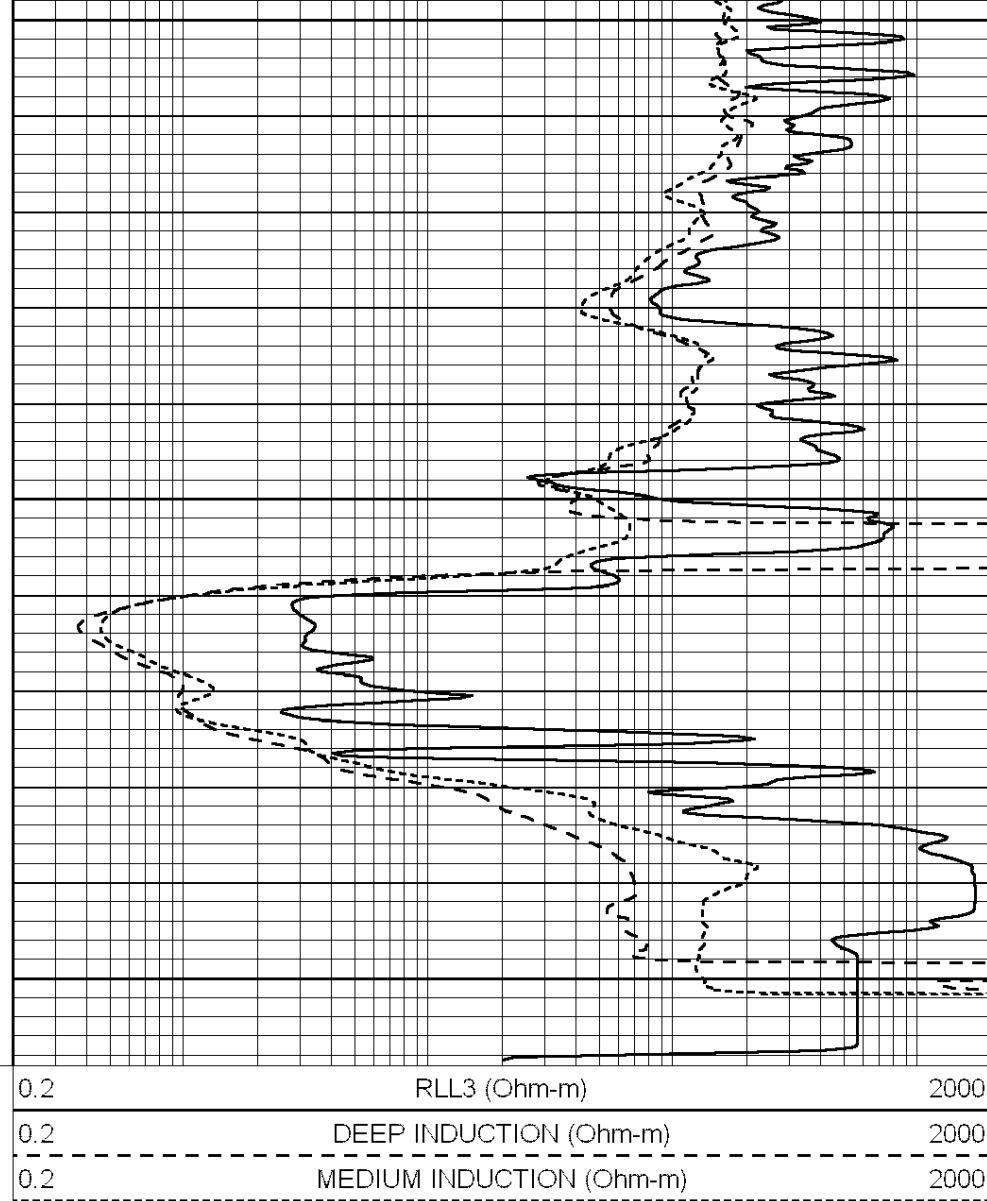




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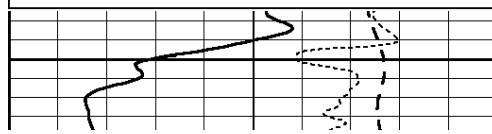
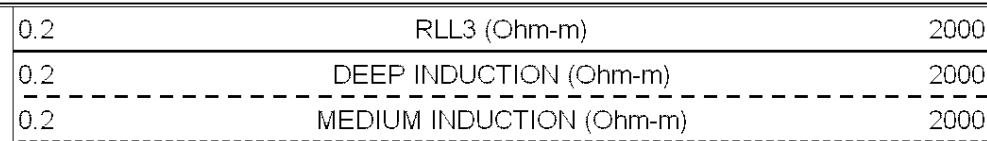
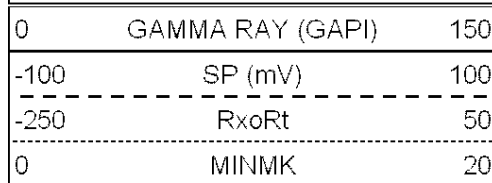
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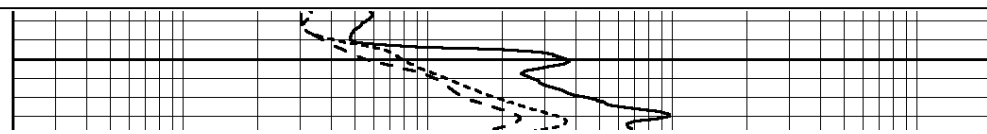


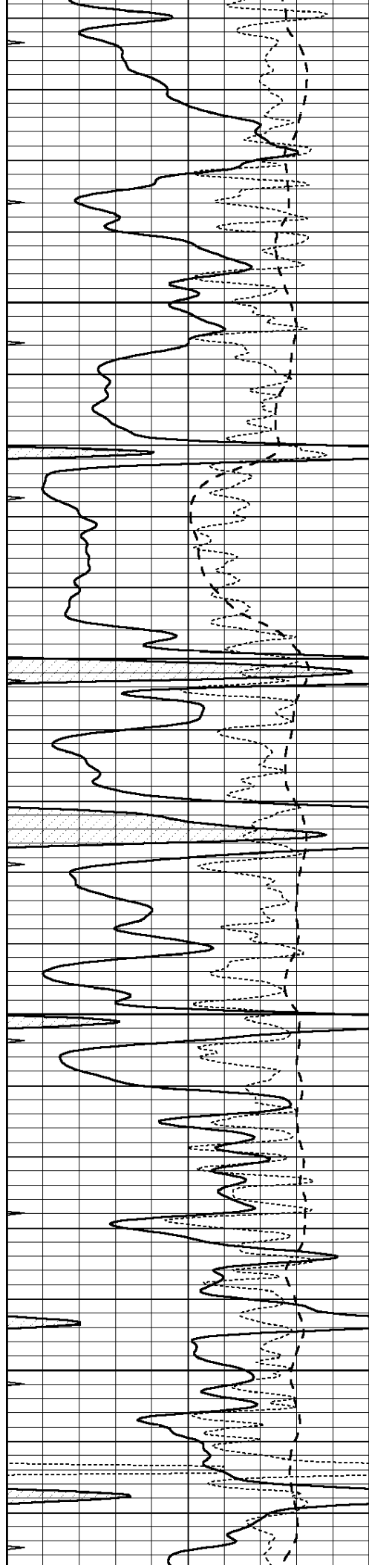
REPEAT SECTION

Database File: 010653pe.db
Dataset Pathname: pass13.19
Presentation Format: dil
Dataset Creation: Wed Jan 16 22:44:39 2013 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240



5000



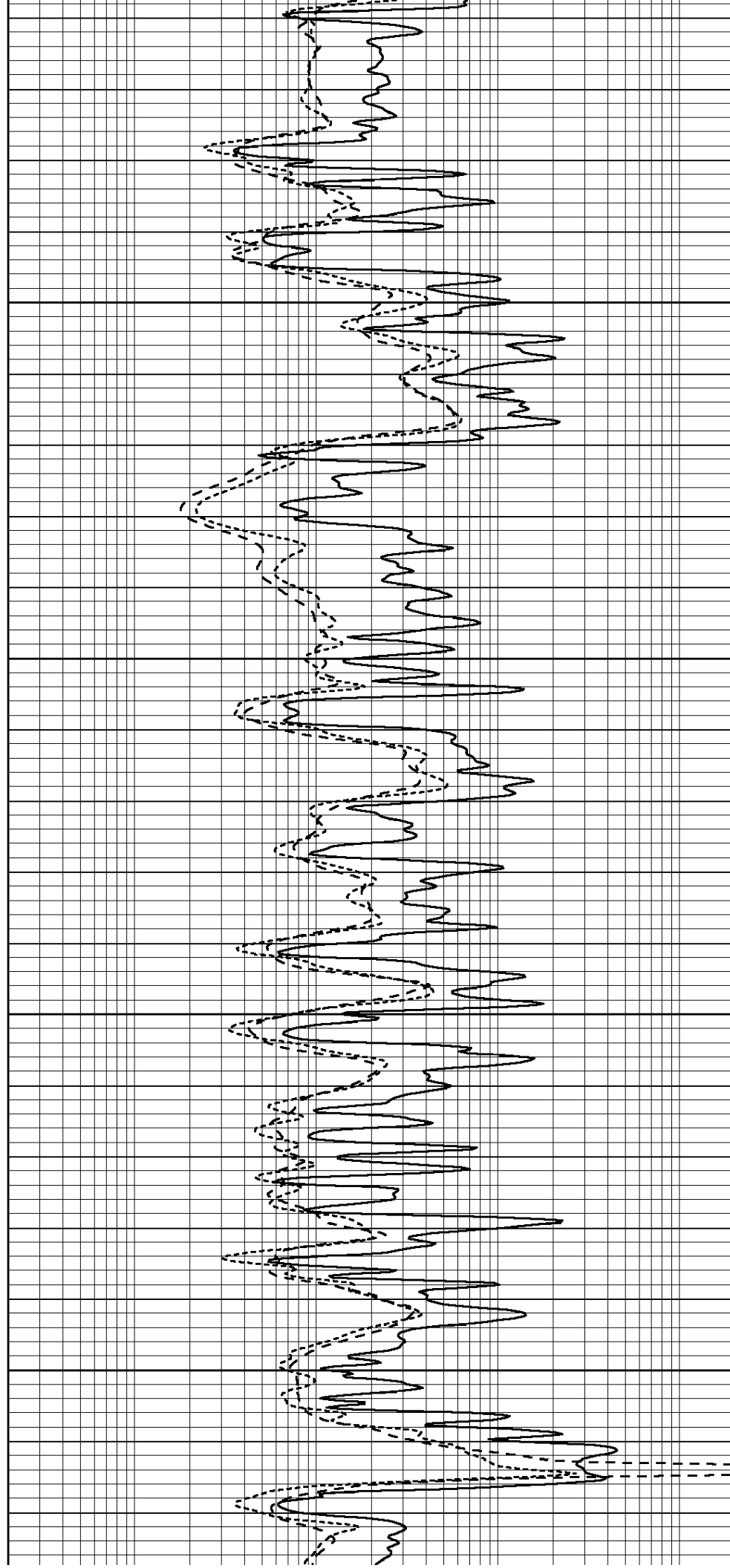


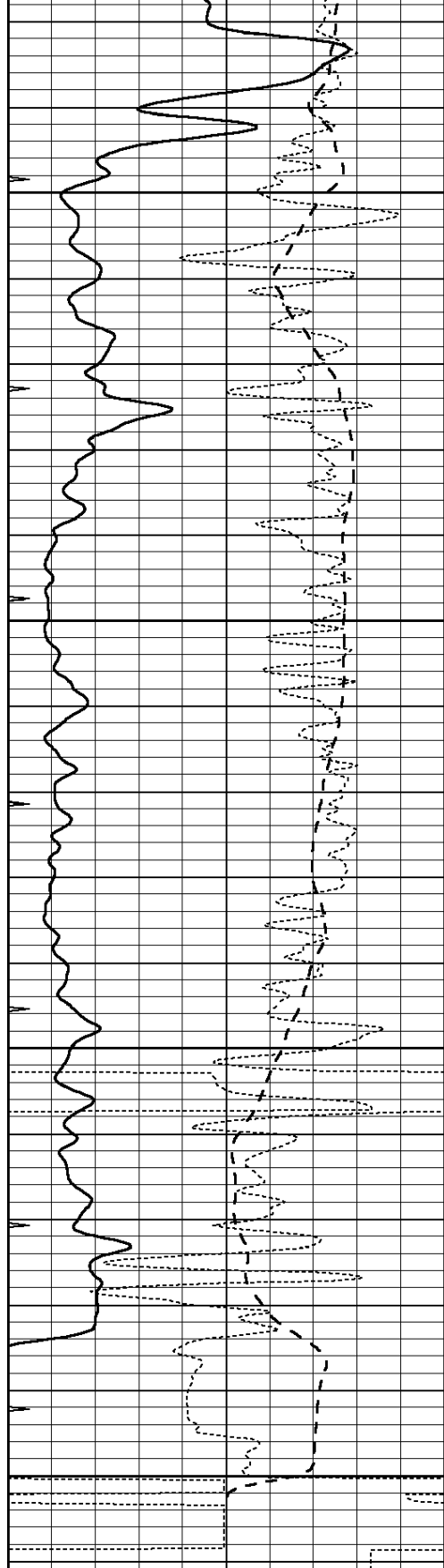
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5100

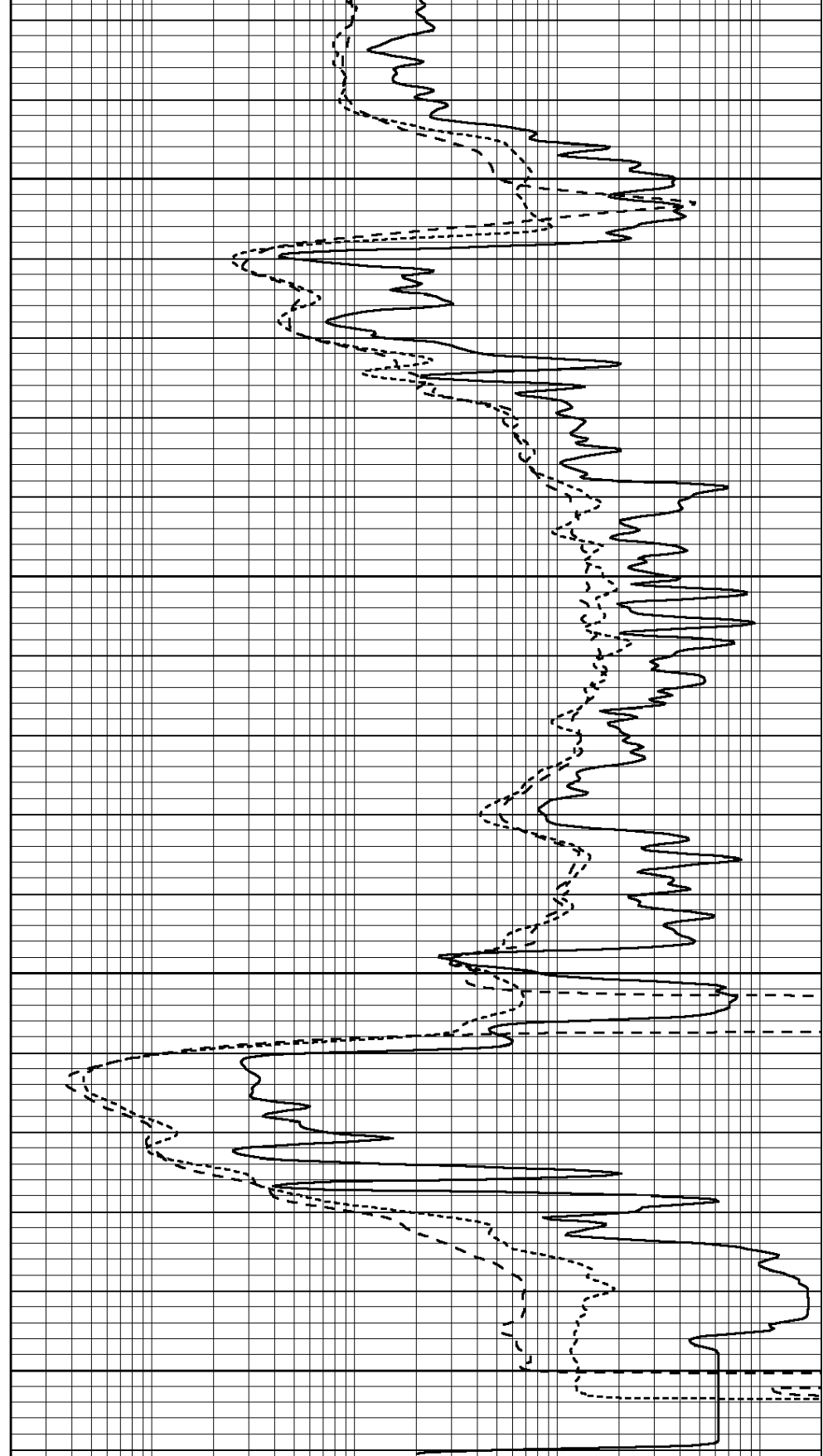
5150

5200





0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	RxoRt	50
0	MINMK	20



0.2	RLL3 (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000

Dual Induction Calibration Report

Serial-Model: PROBE7-DILG
 Surface Cal Performed: Wed Jul 30 06:14:24 2008
 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	621.923	8.759
Medium	0.039	0.728	V	0.000	464.000	mmho/m	673.322	-26.058
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: 002 Model: PRB
 Performed Mon Apr 02 17:56:53 2012

Litho Density Calibration

	Background	Magnesium	Aluminum	Sandstone	
Window 1	872.3	7266.3	2292.6	7931.5	cps
Window 2	822.9	5957.5	1958.0	6389.6	cps
Window 3	670.4	3219.9	1211.9	3388.2	cps
Window 4	201.6	201.1	202.3	204.6	cps
Long Space	0.0	5134.6	1135.0	5566.6	cps
Short Space	1.1	994.2	674.4	1059.2	cps
Rho		1.7100	2.5960	1.3800	g/cc
Pe			2.5700	1.5500	
Rib Angle	: 45.6	Rib Slope	: 1.020	Density/Spine Ratio	: 0.569
Spine Angle	: 75.6	Spine Slope	: 3.888	Spine Intercept	: -18.3

Caliper

	Readings	Reference
Low Ref	4.3	8.4

High Ref	6.1	14.0	Offset: -4.4		
Gain: 3.0					
Compensated Neutron Calibration Report					
Serial Number:		NUE_2I			
Tool Model:		G			
CALIBRATION					
Detector		Readings		Target	
				Normalization	
Short Space		1.00	cps	1.00	cps
Long Space		1.00	cps	1.00	cps
Gamma Ray Calibration Report					
Serial Number:		GR2			
Tool Model:		OPEN			
Performed:		Mon Jan 07 22:30:14 2013			
Calibrator Value:		200.0	GAPI		
Background Reading:		0.0	cps		
Calibrator Reading:		740.0	cps		
Sensitivity:		0.2000	GAPI/cps		