



DUAL INDUCTION LOG

Company	VINCENT OIL CORPORATION	Company	VINCENT OIL CORPORATION
Well	SMITH #3-6	Well	SMITH #3-6
Field	KINGSDOWN NORTHWEST	Field	KINGSDOWN NORTHWEST
County	FORD	County	FORD
State	KANSAS	State	KANSAS
Location:		API # : 15-057-21007-0000	Other Services CDL/CNL/PE MEL/SON
2310' FSL & 2037' FEL			
Permanent Datum	GROUND LEVEL	Elevation	2501
Log Measured From	KELLY BUSHING 13' A.G.L	K.B. 2514	
Drilling Measured From	KELLY BUSHING	D.F. 2512	
		G.L. 2501	
Date	2/27/19		
Run Number	ONE		
Depth Driller	5330		
Depth Logger	5330		
Bottom Logged Interval	5328		
Top Log Interval	00		
Casing Driller	8 5/8" @ 688'		
Casing Logger	687'		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 9400 PPM	
Density / Viscosity	9.3/72		
pH / Fluid Loss	10.5/10.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.50 @ 60F		
Rmf @ Meas. Temp	.37 @ 60F		
Rmc @ Meas. Temp	.60 @ 60F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.23 @ 128F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	////		
Maximum Recorded Temperature	128F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	JASON CAPELLUCCI		
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

THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
KINGSDOWN, KS. - 1 1/2 NORTH - WEST INTO AT SOUTH SIDE OF TANK BATTERY



MAIN SECTION

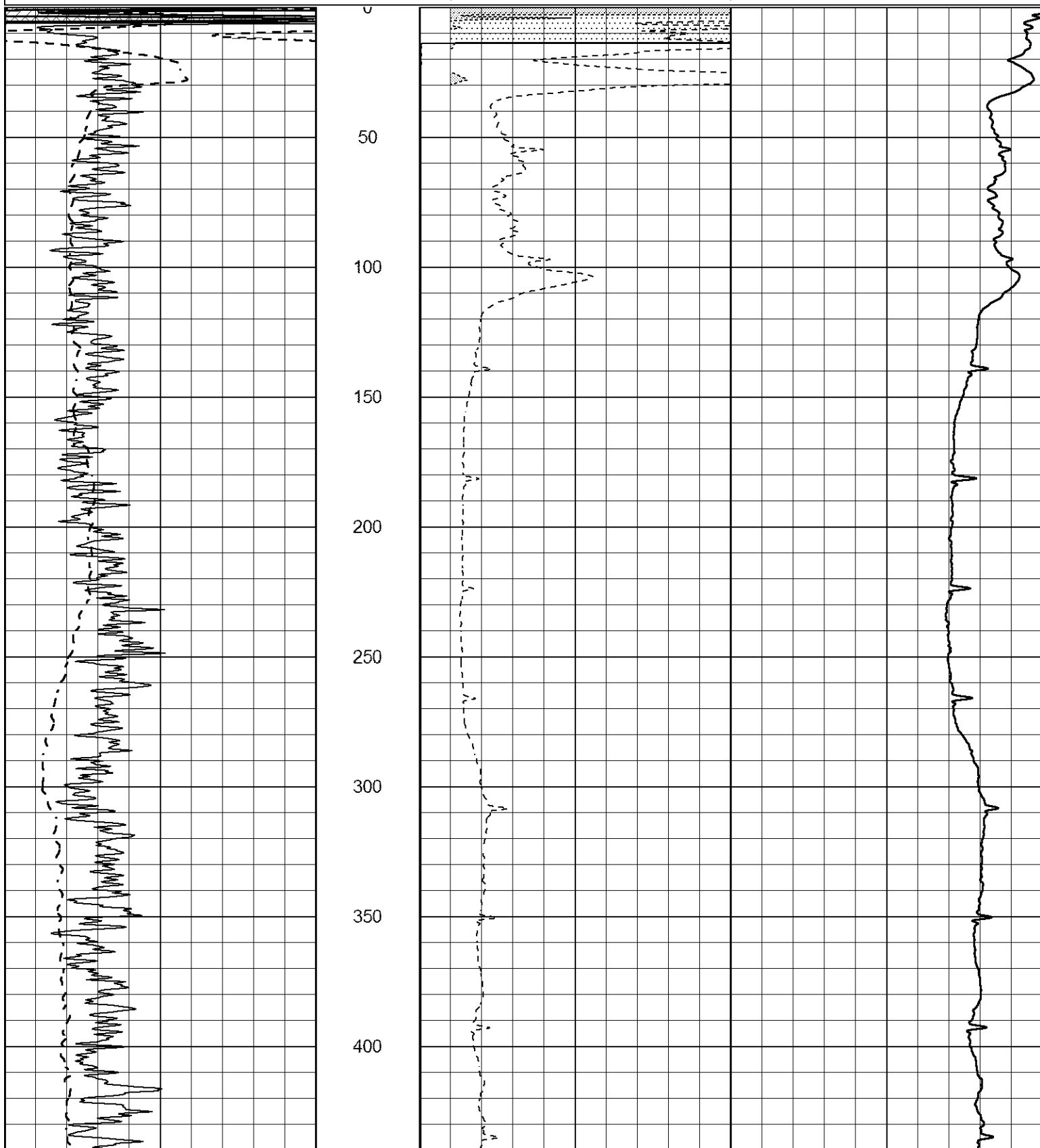
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Dataset Pathname pass3.2
Presentation Format _dil2
Dataset Creation Wed Feb 27 05:58:20 2019
Charted by Depth in Feet scaled 1:600

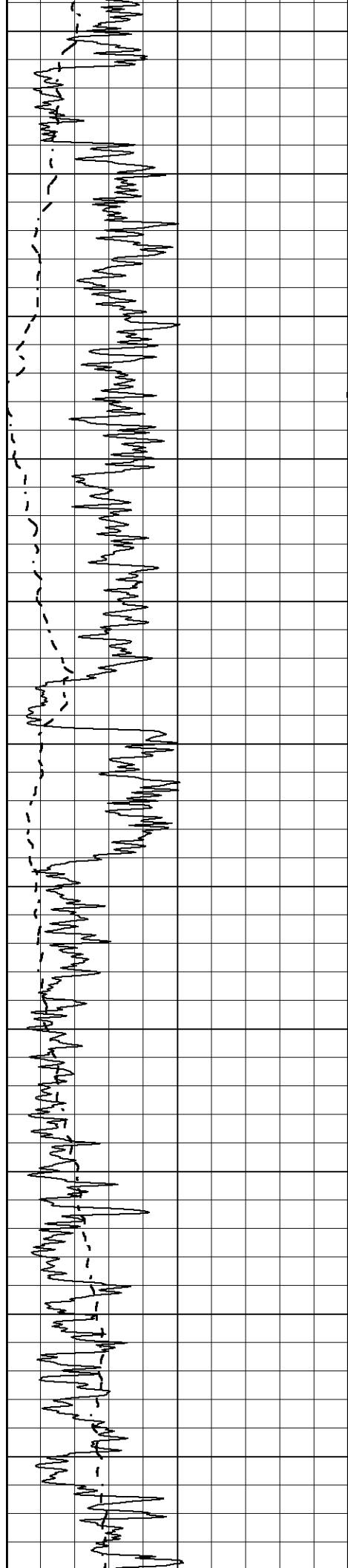
0 Gamma Ray (GAPI) 150
-100 SP (mV) 100

1000 CILD (mmho/m) 0
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

600

650

700

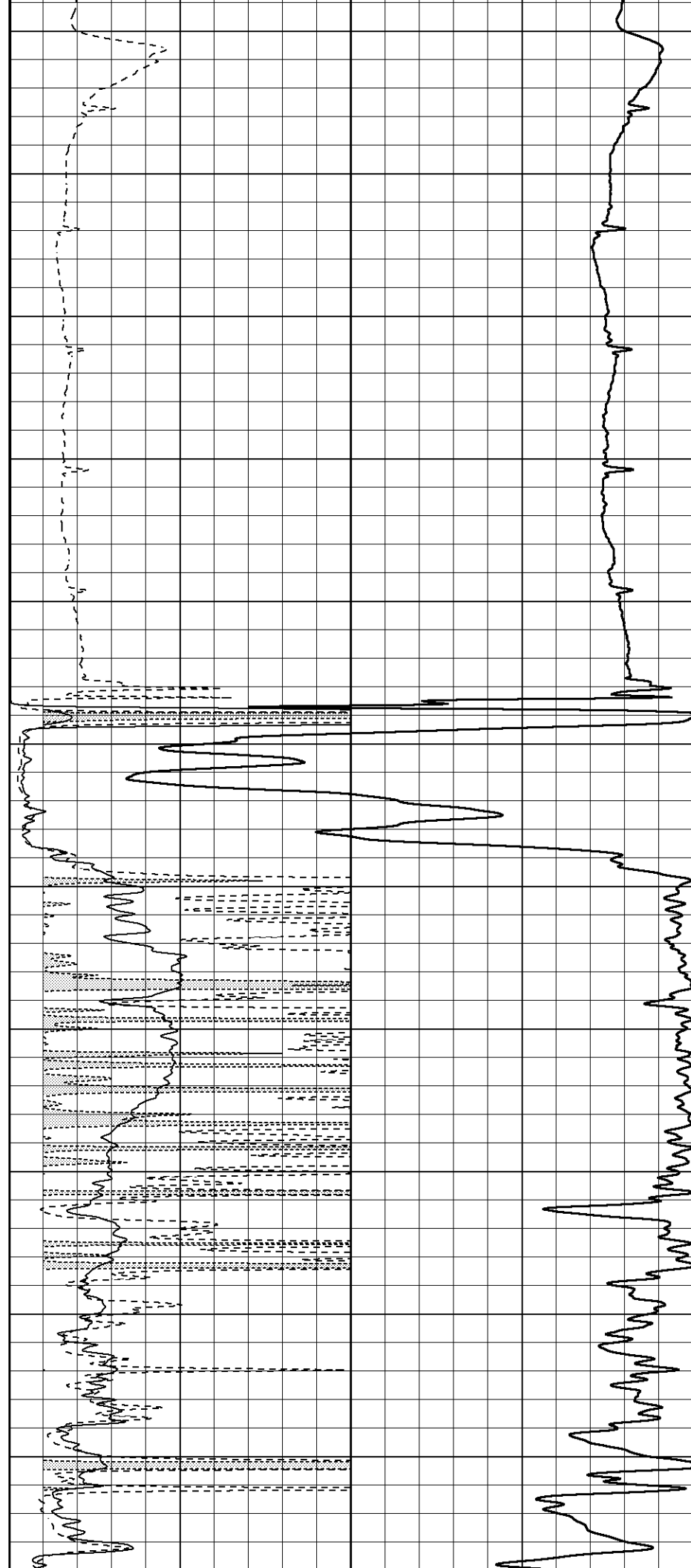
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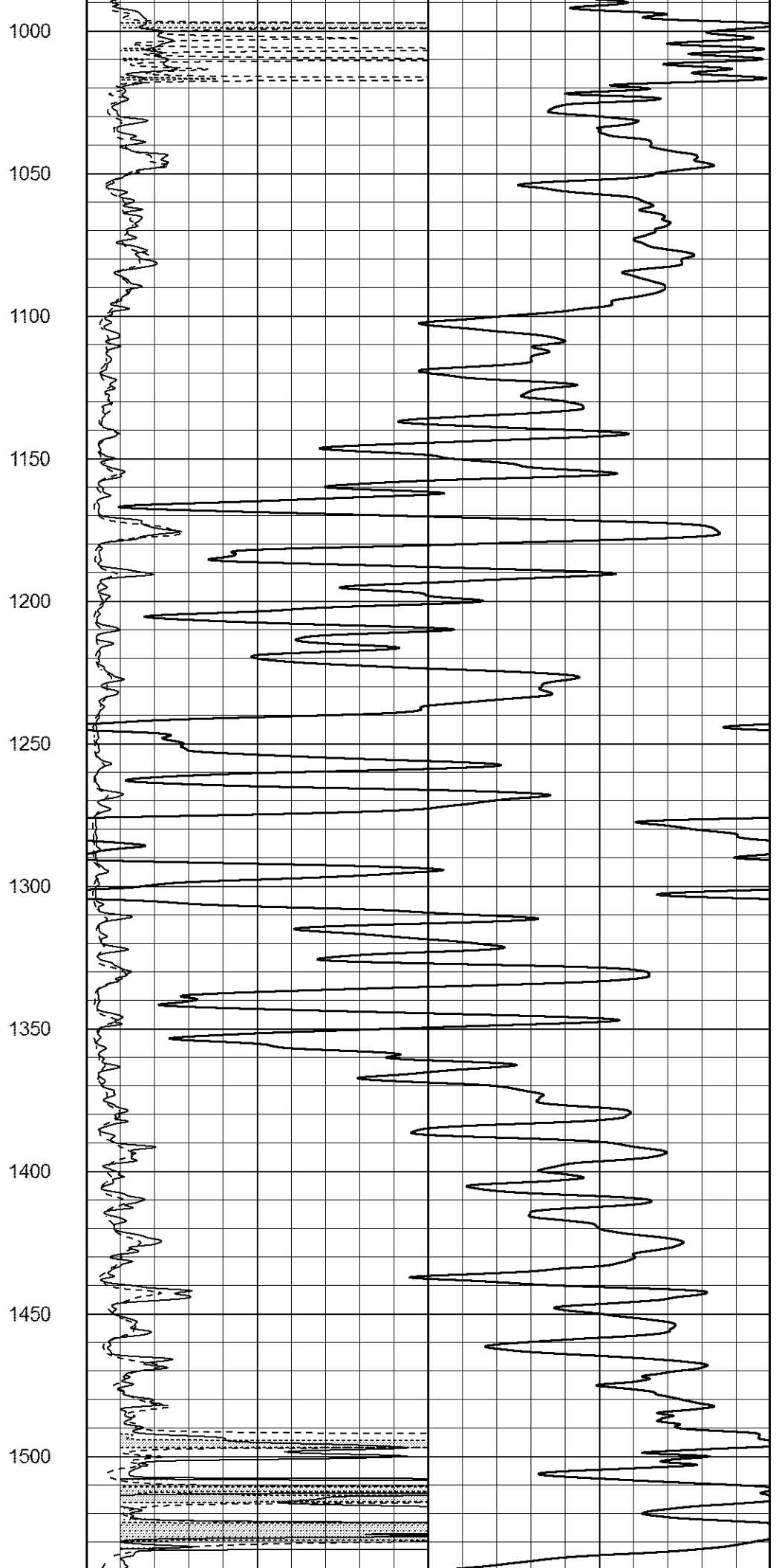
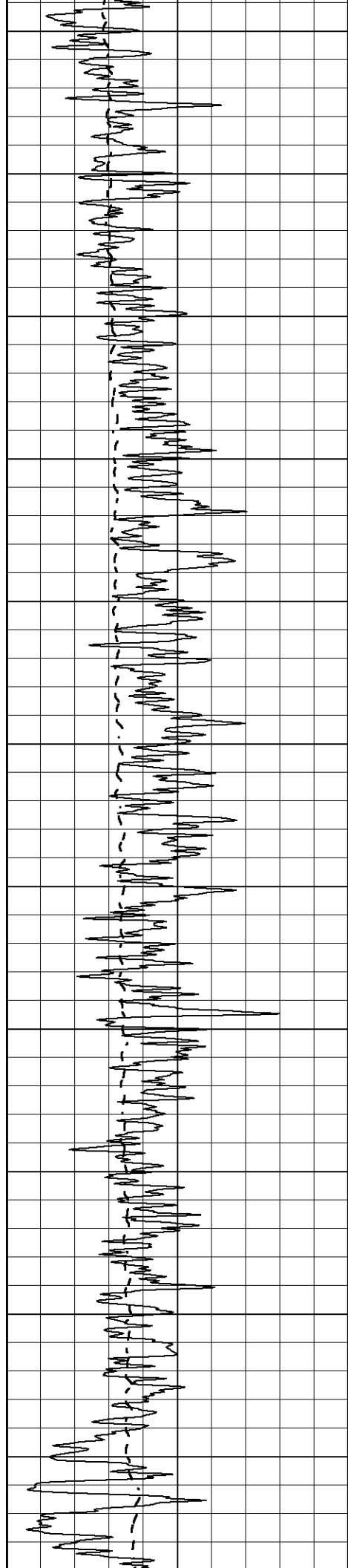
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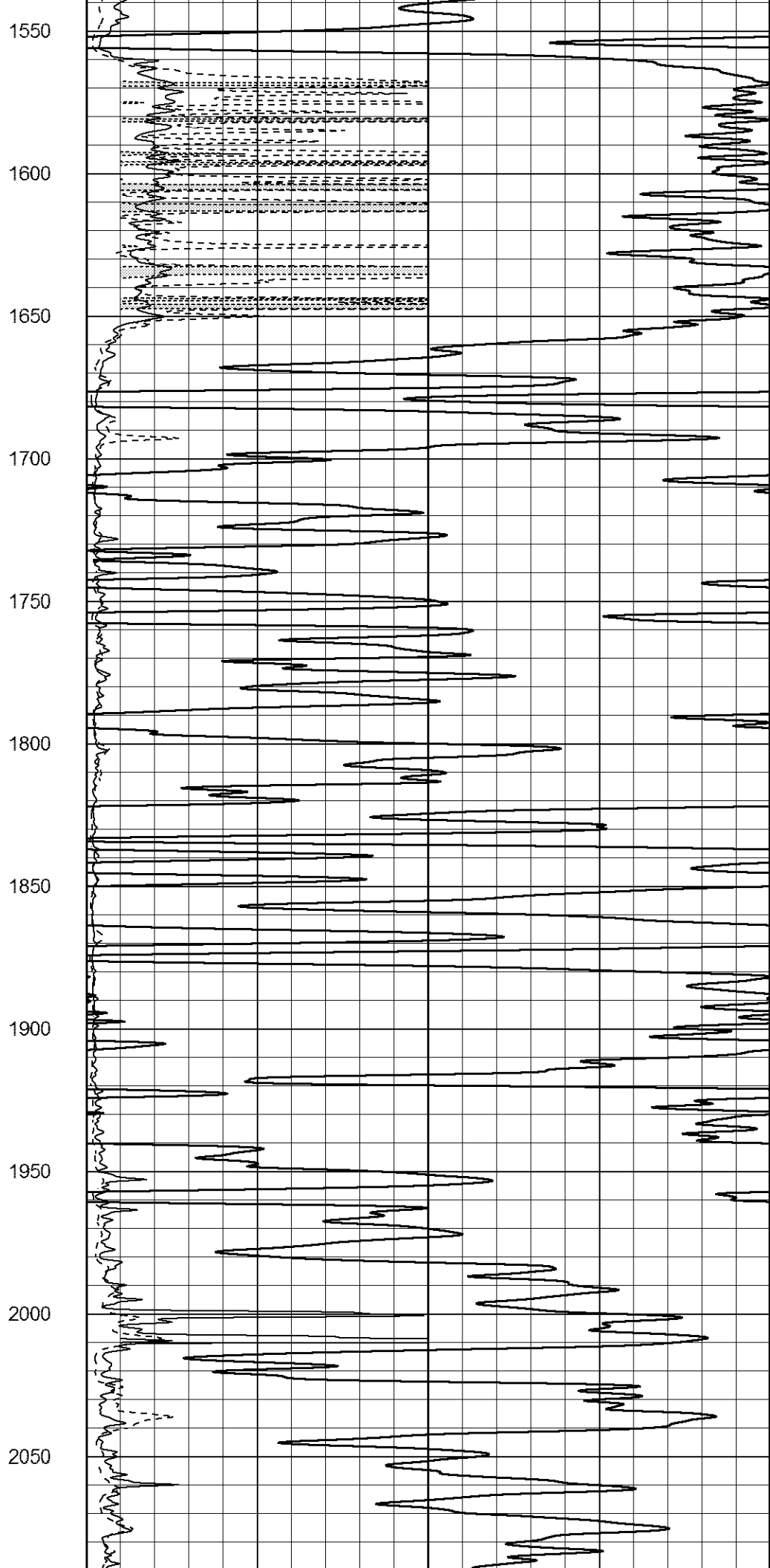
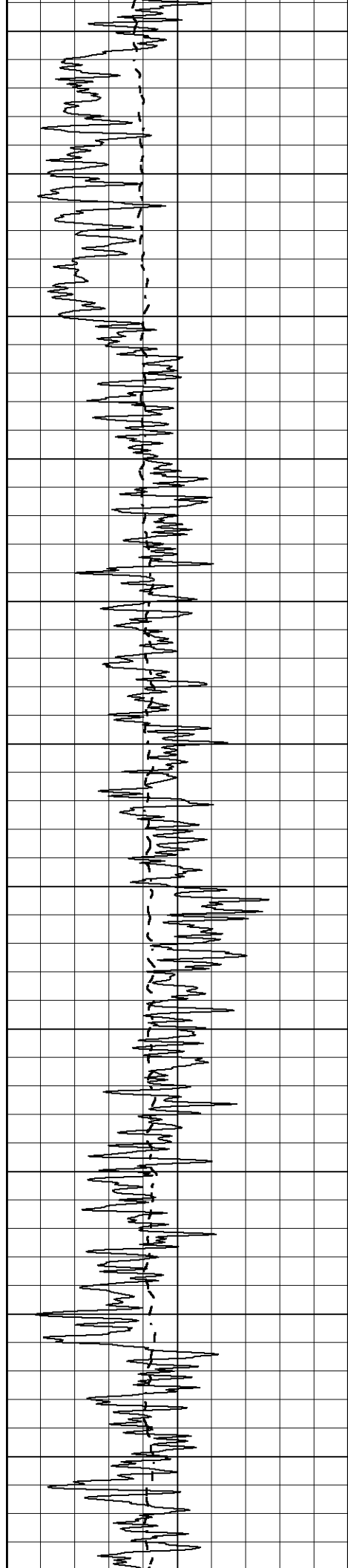
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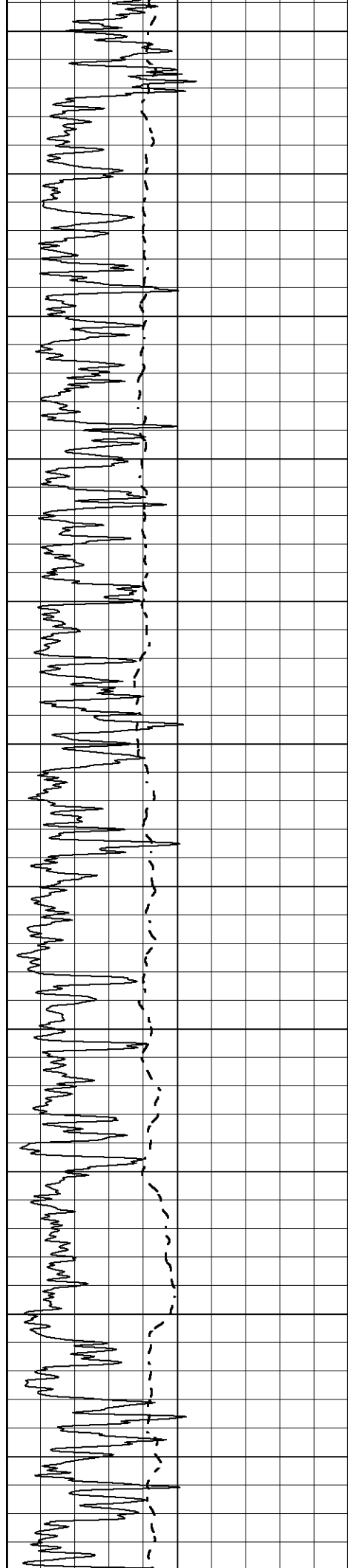
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950









2100

2150

2200

2250

2300

2350

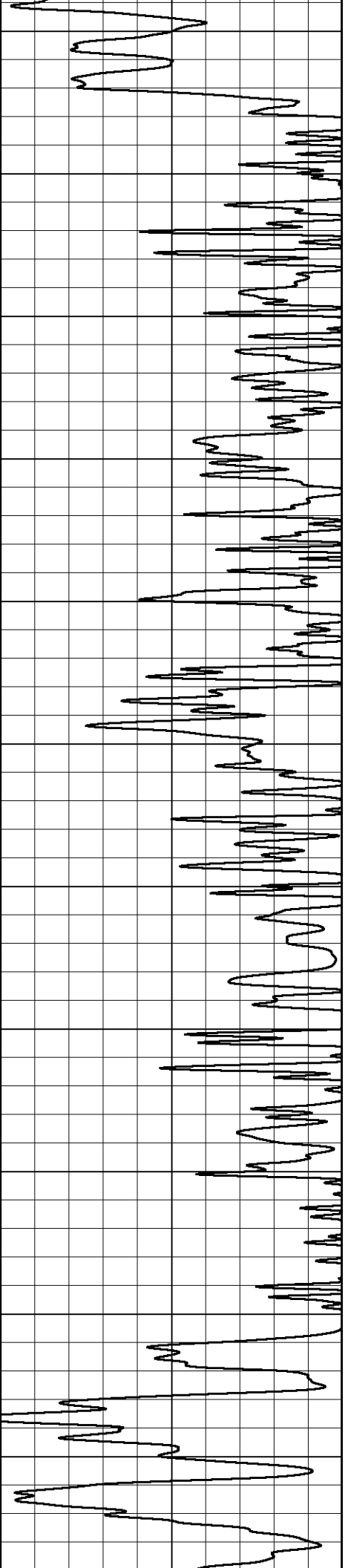
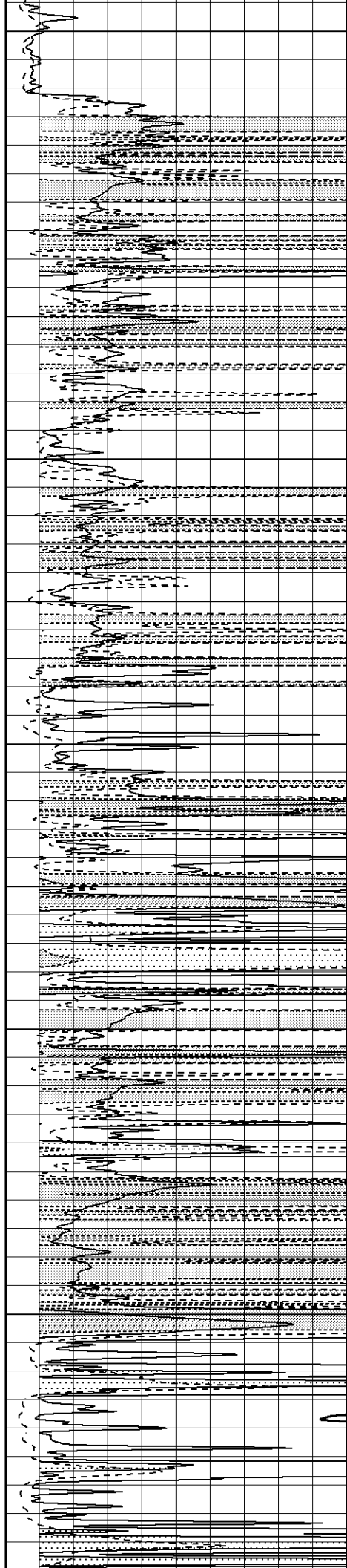
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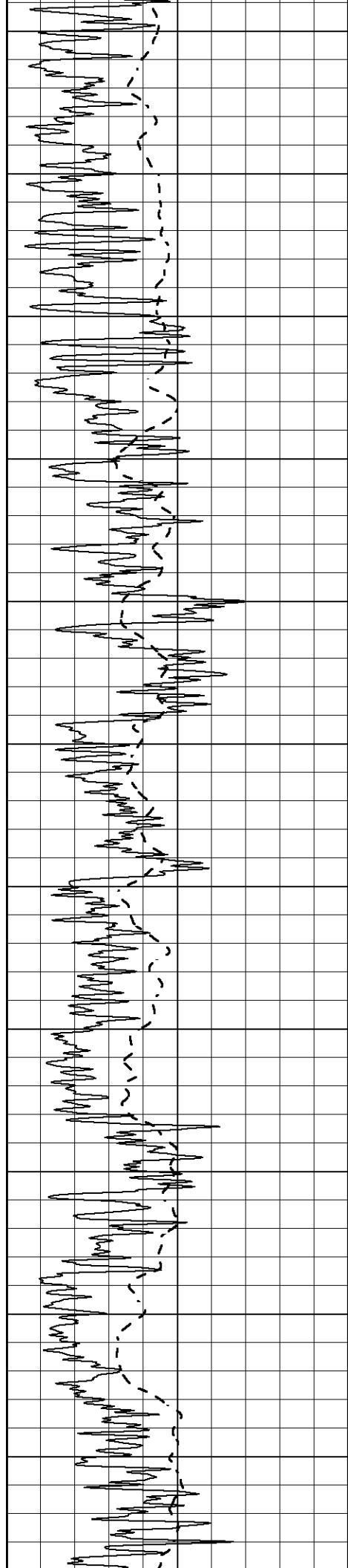
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2500

2550

2600





2650

2700

2750

2800

2850

2900

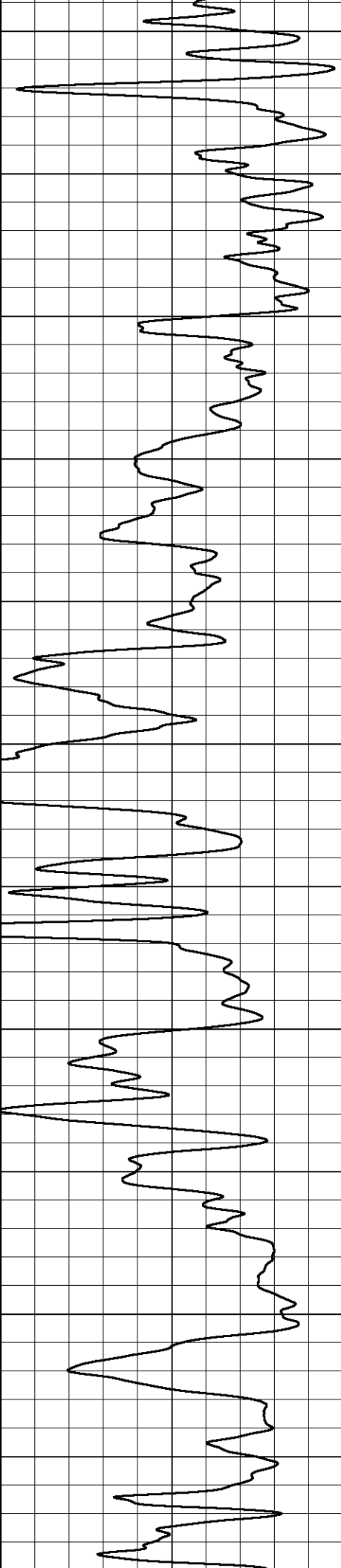
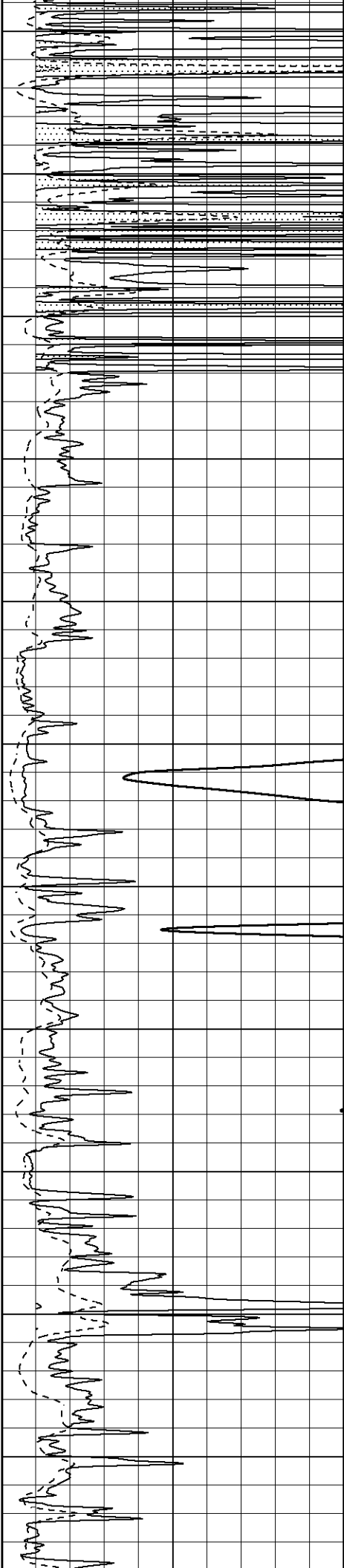
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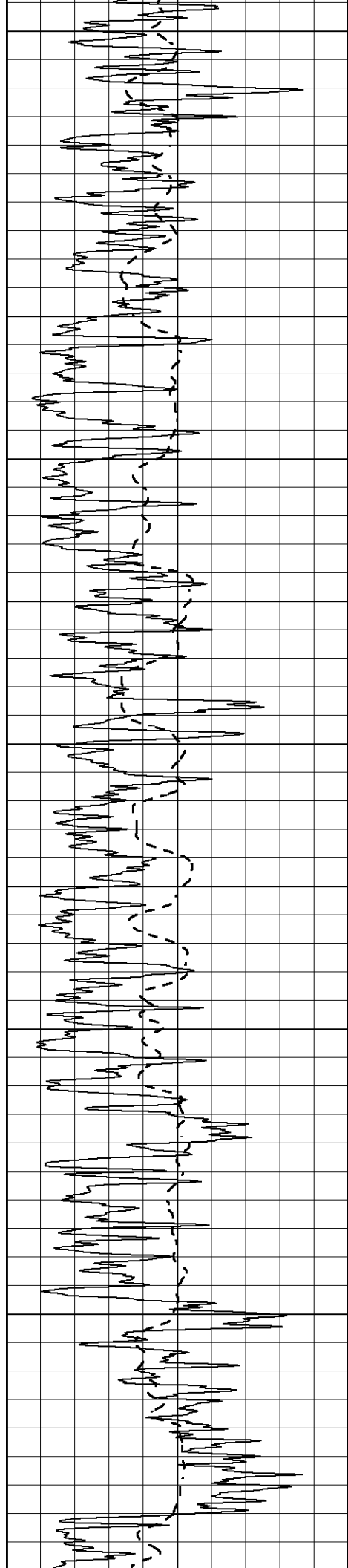
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3050

3100

3150





3200

3250

3300

3350

3400

3450

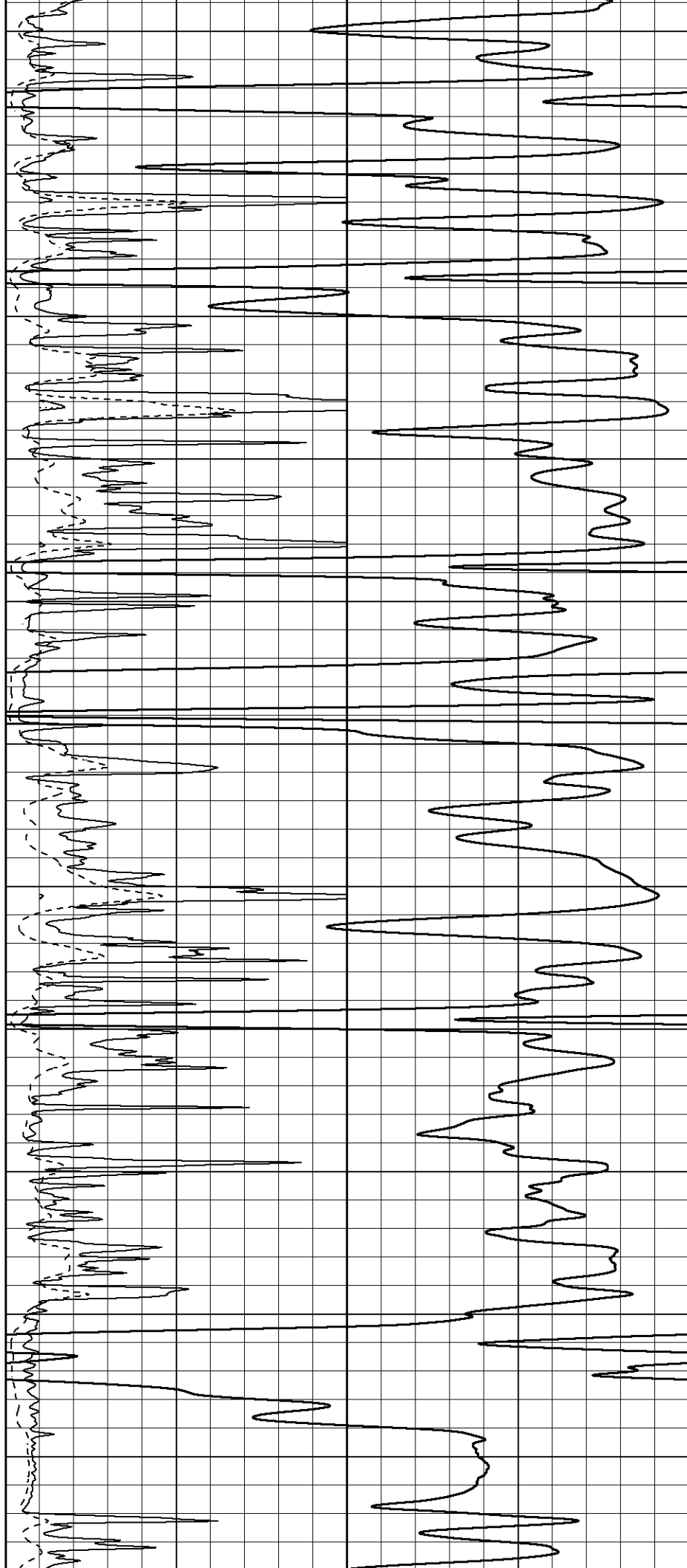
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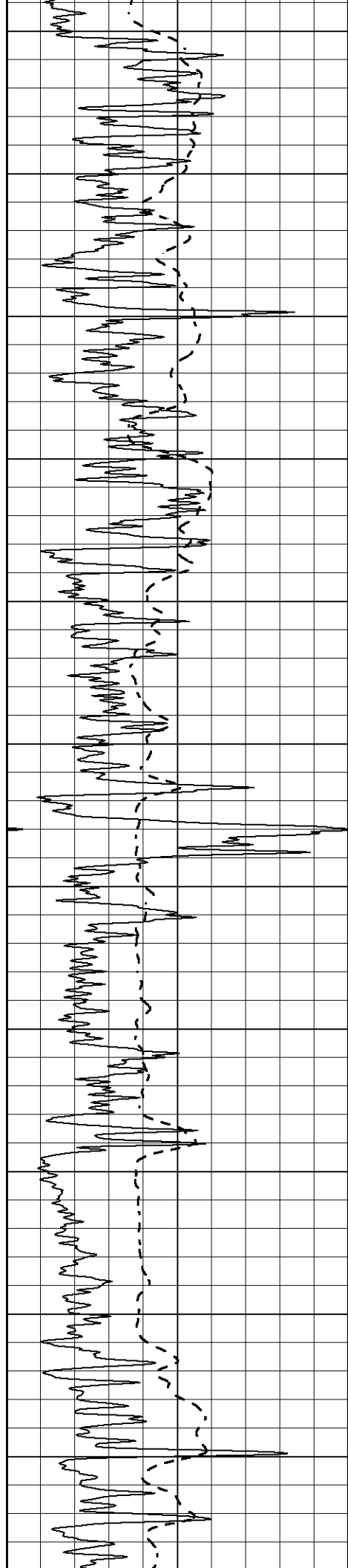
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3600

3650

3700





3750

3800

3850

3900

3950

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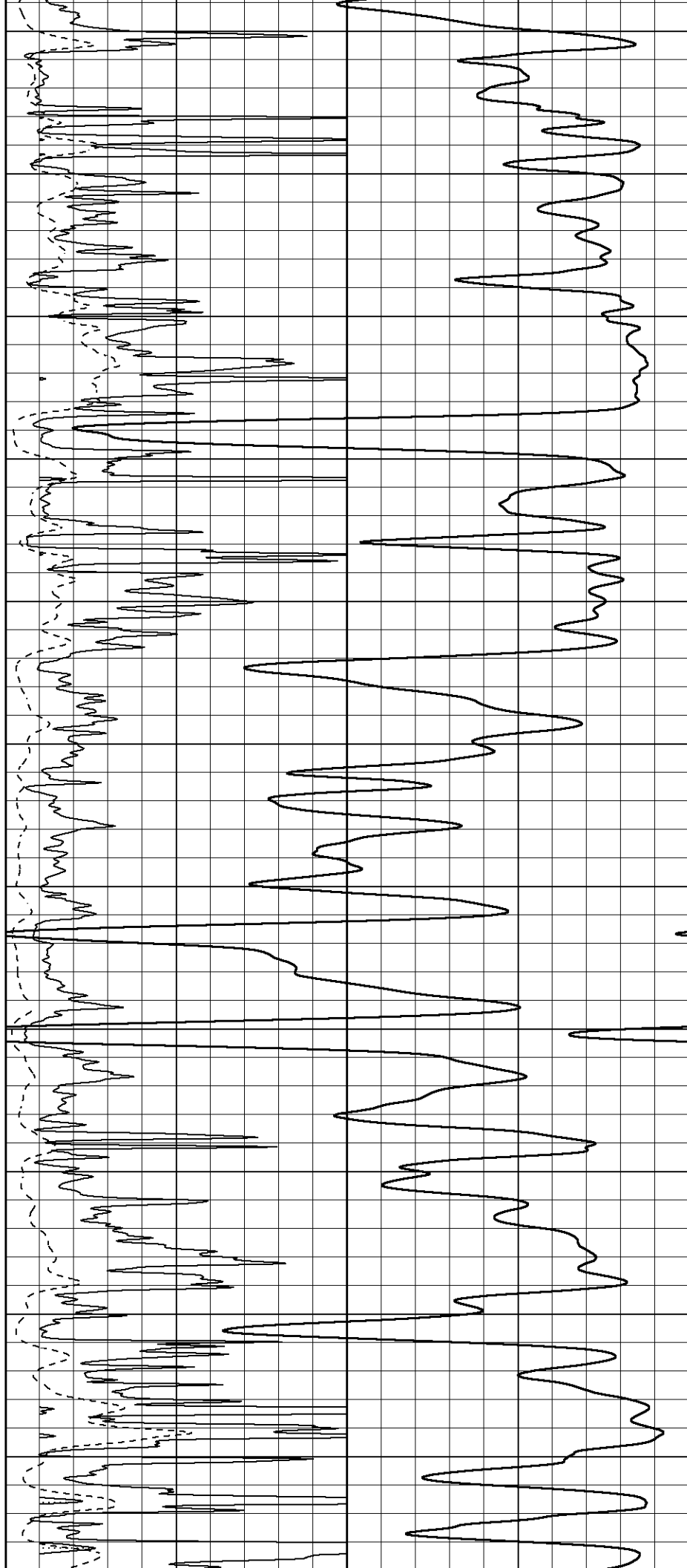
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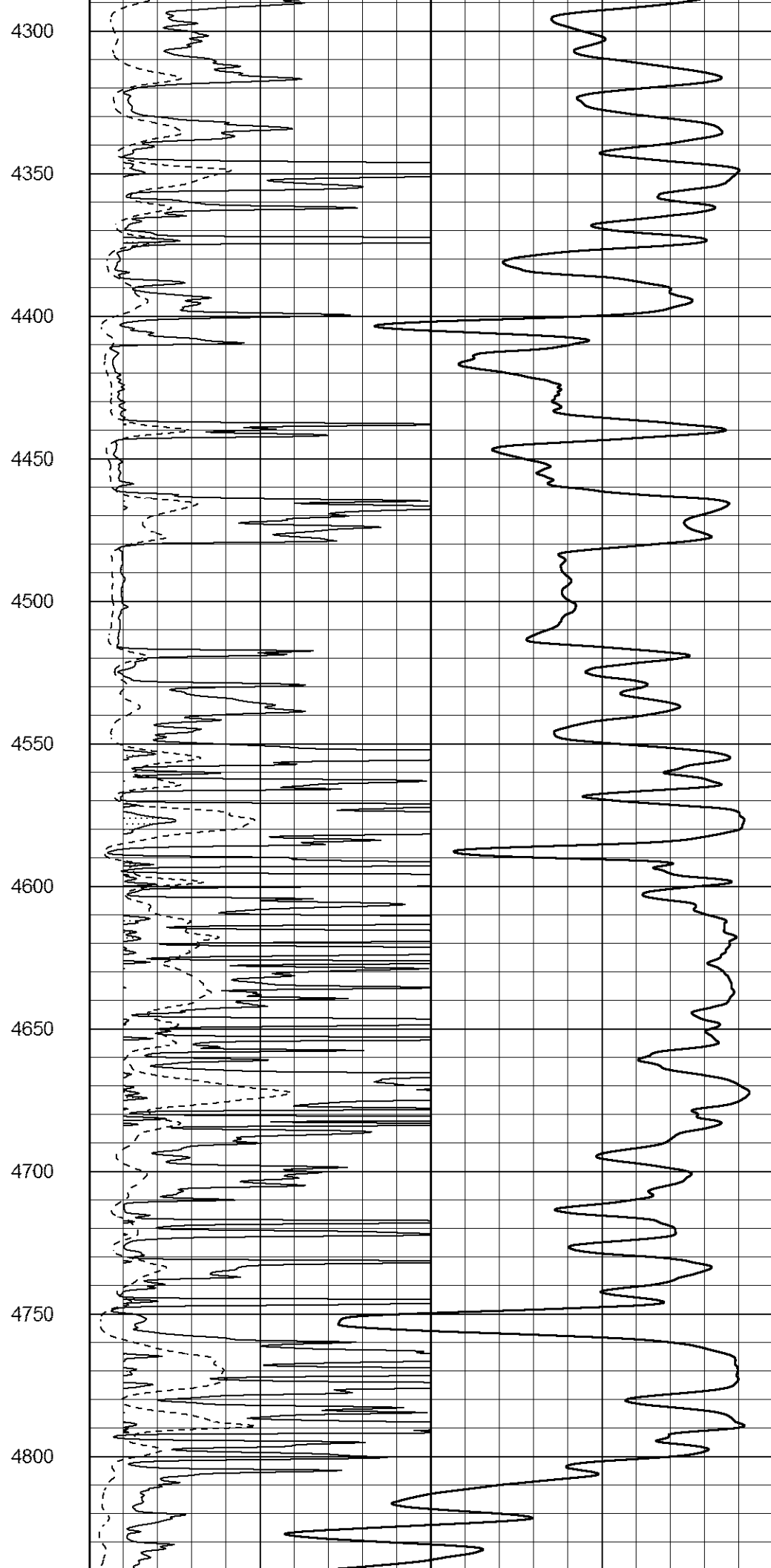
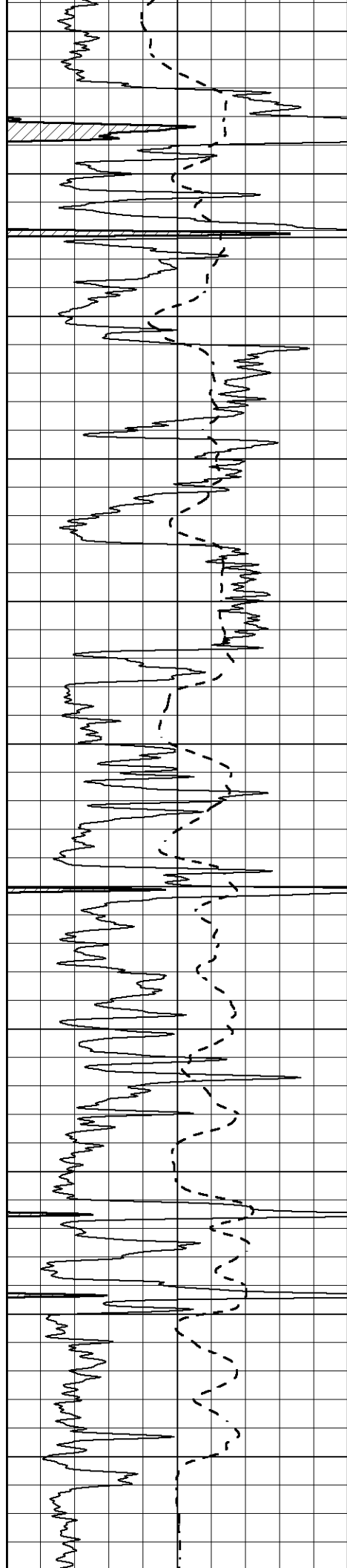
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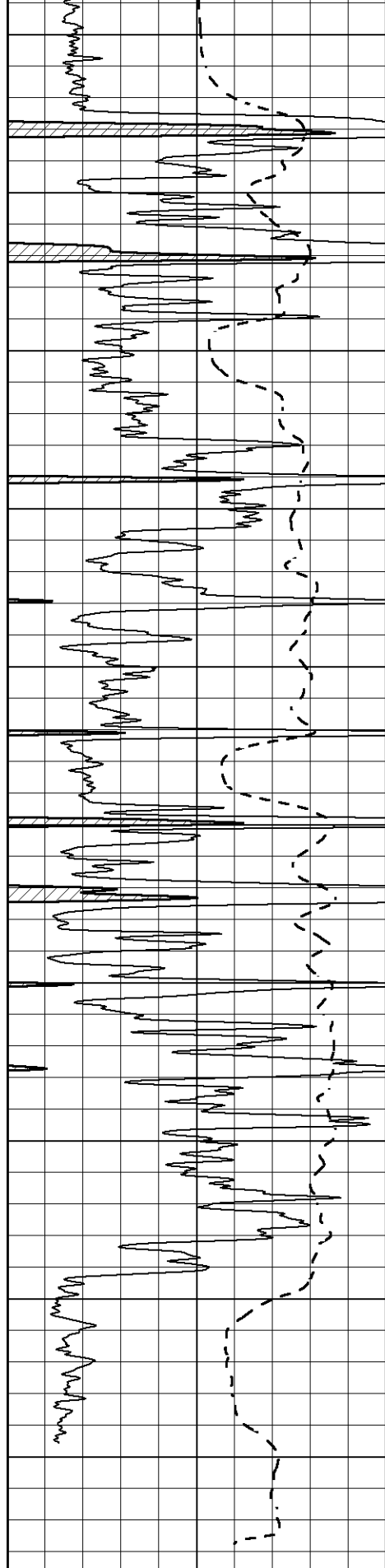
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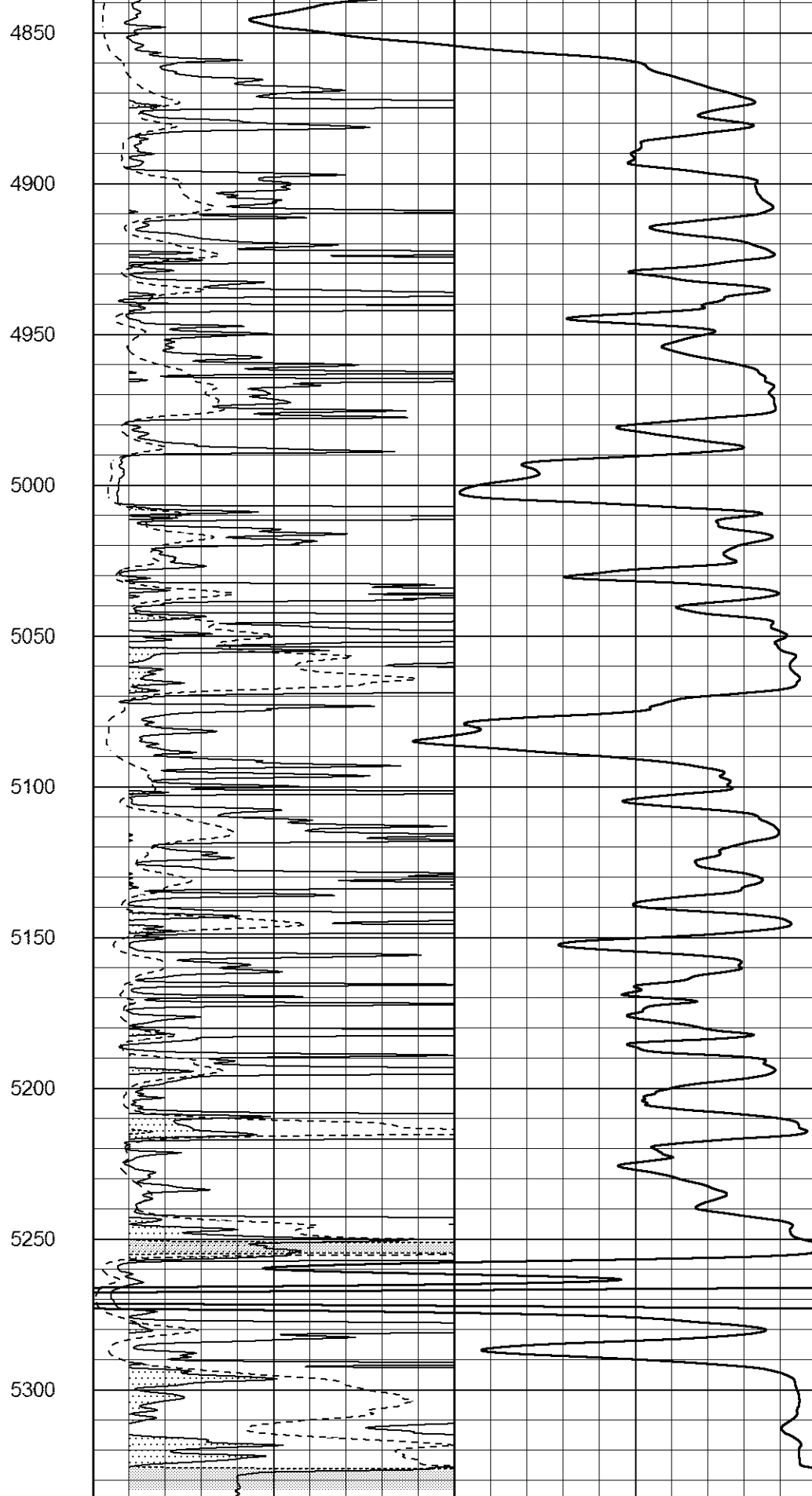
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0 Gamma Ray (GAPI) 150
-100 SP (mV) 100

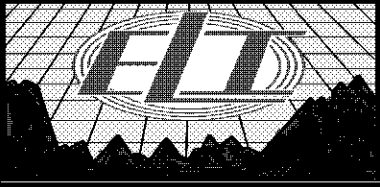


1000 CILD (mmho/m) 0
0 RLL3 (Ohm-m) 50

0 Deep Induction (Ohm-m) 50

50 RILD X10 (Ohm-m) 500

50 RLL3 X10 (Ohm-m) 500

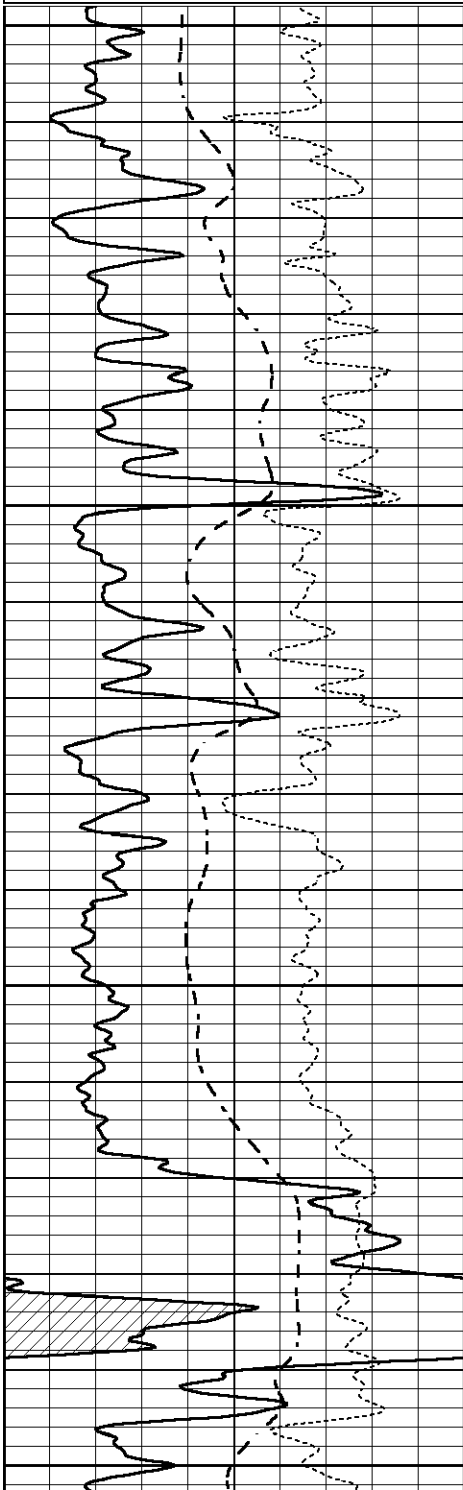


MAIN SECTION

Database File 3446pe8.db
 Dataset Pathname pass3.1
 Presentation Format _dil
 Dataset Creation Wed Feb 27 04:56:48 2019
 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

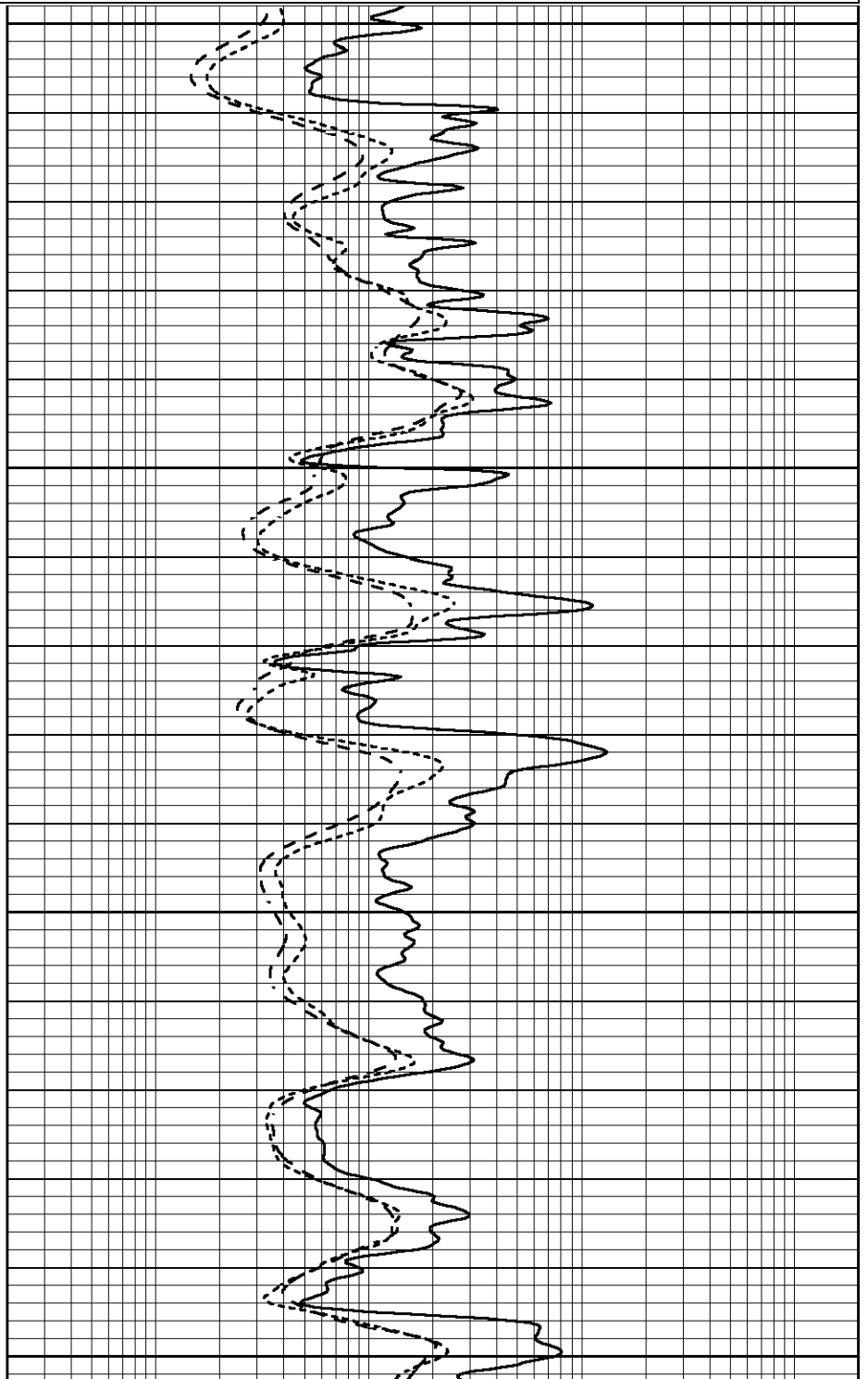


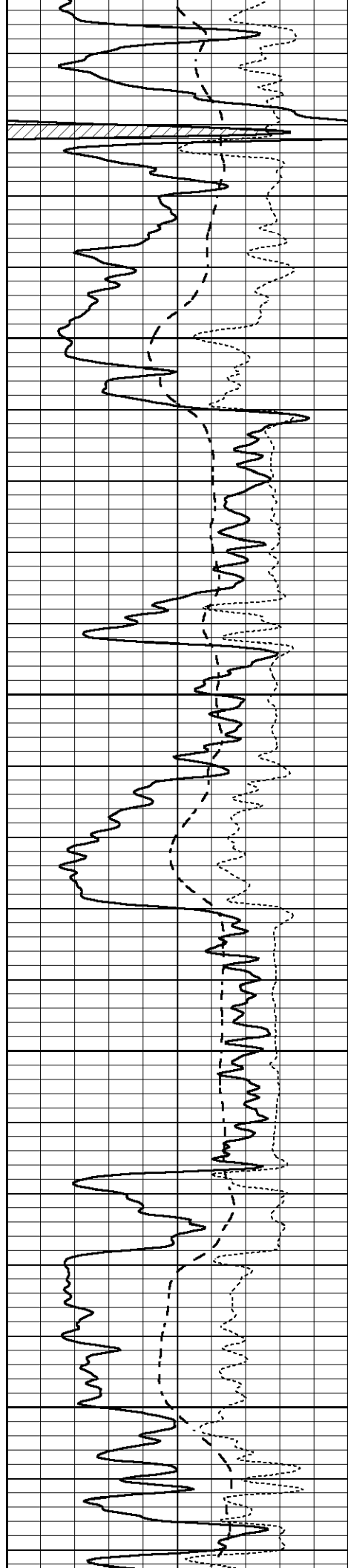
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4250

4300

4350



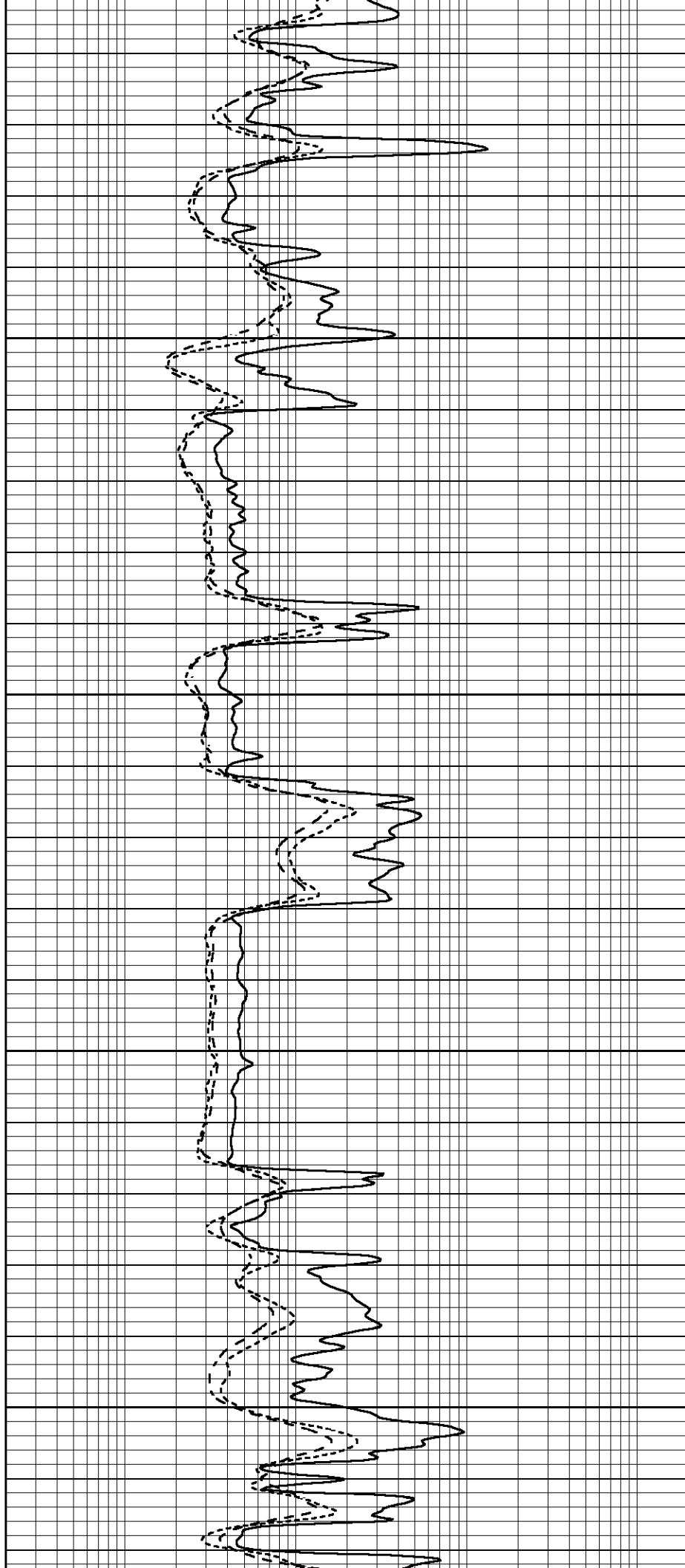


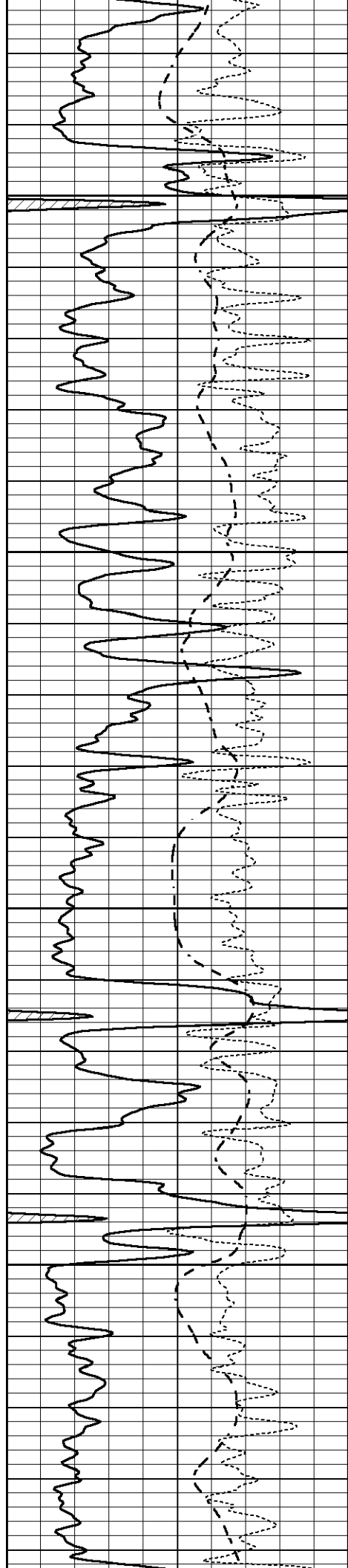
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4450

4500

4550



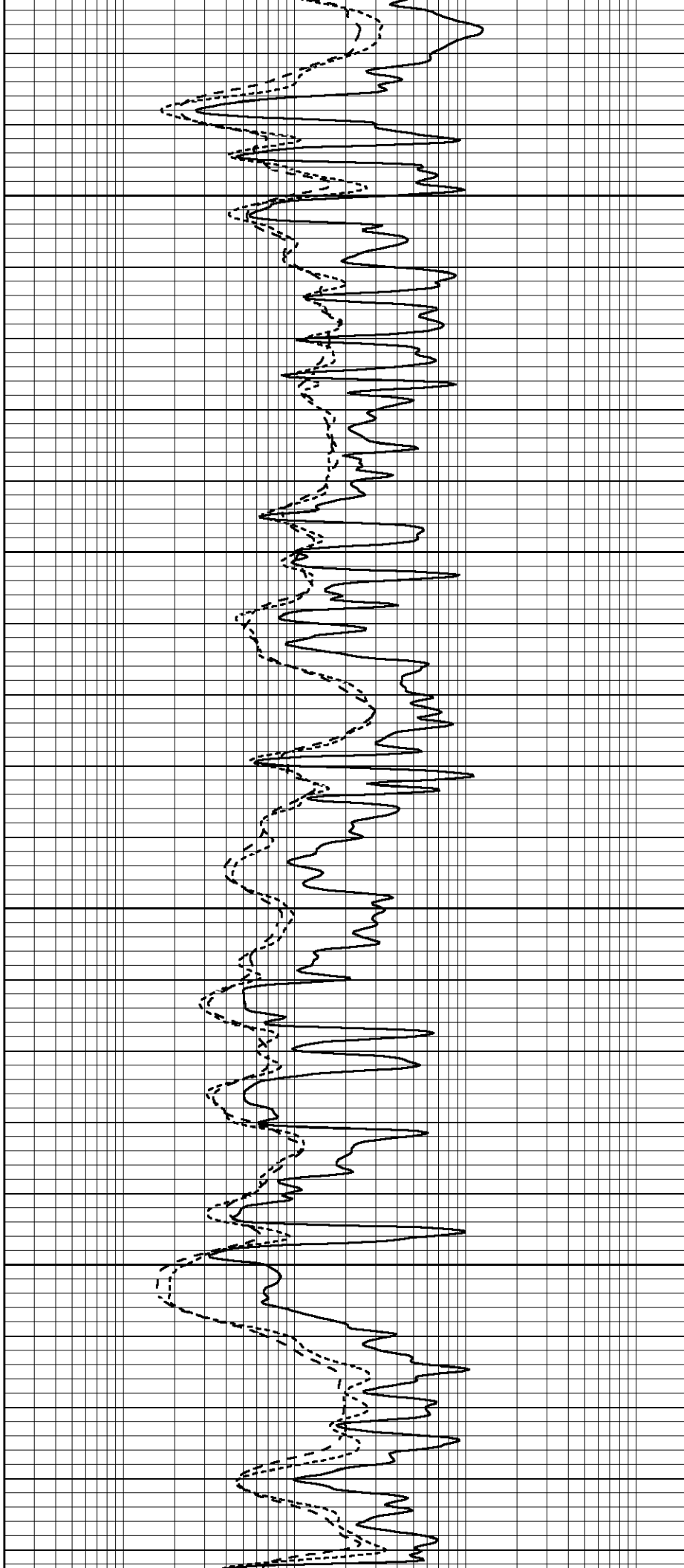


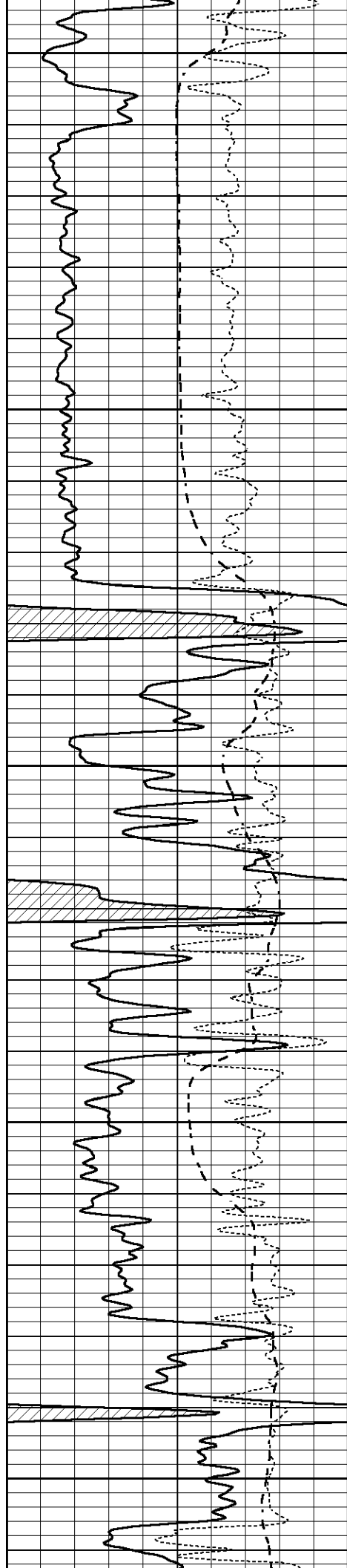
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4650

4700

4750





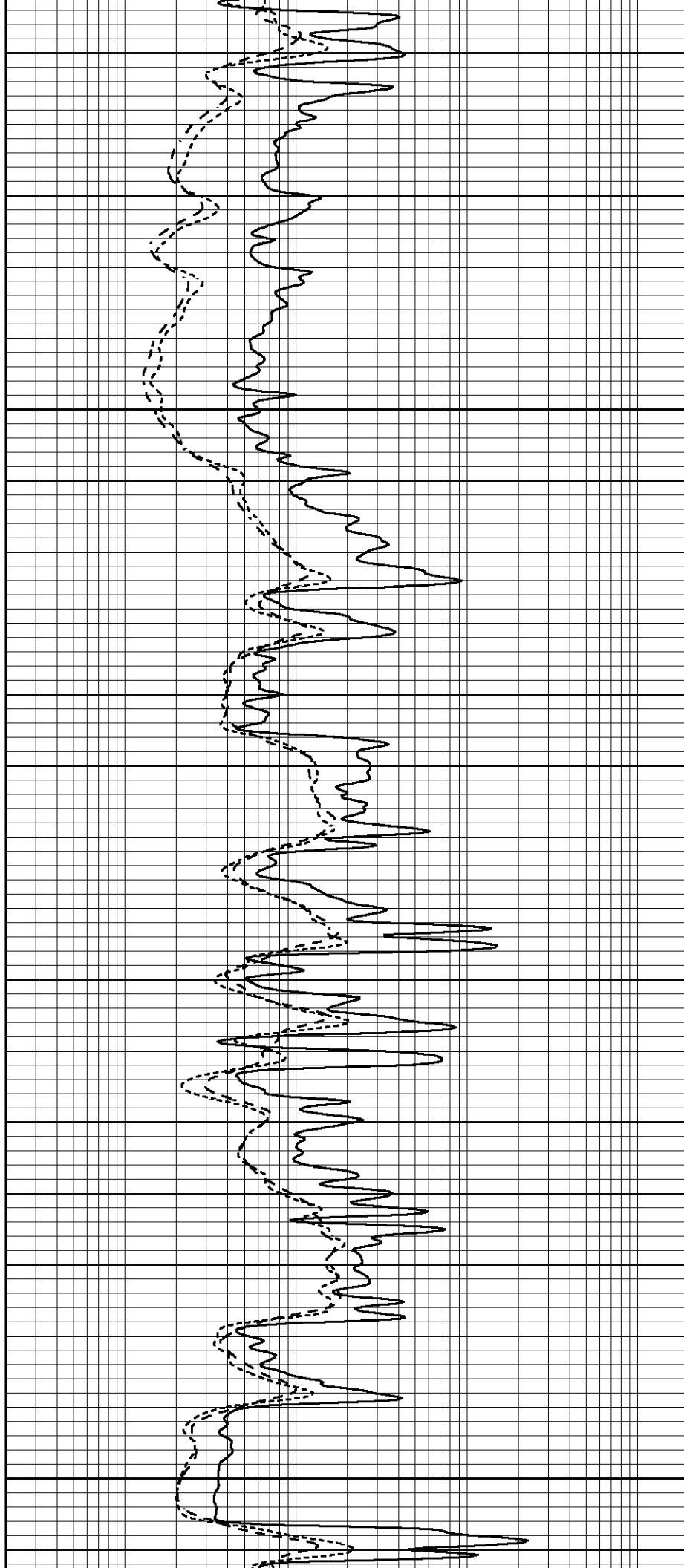
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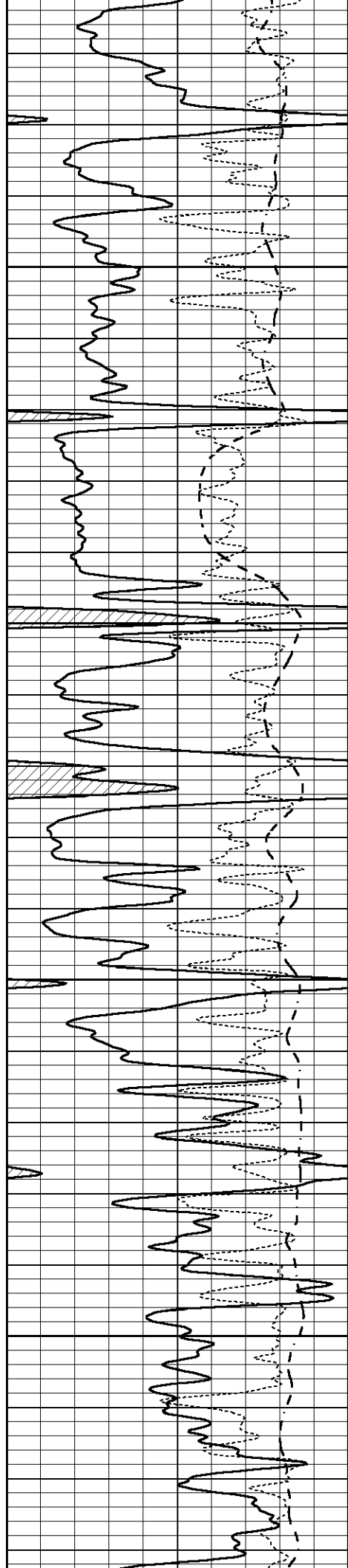
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4900

4950

5000



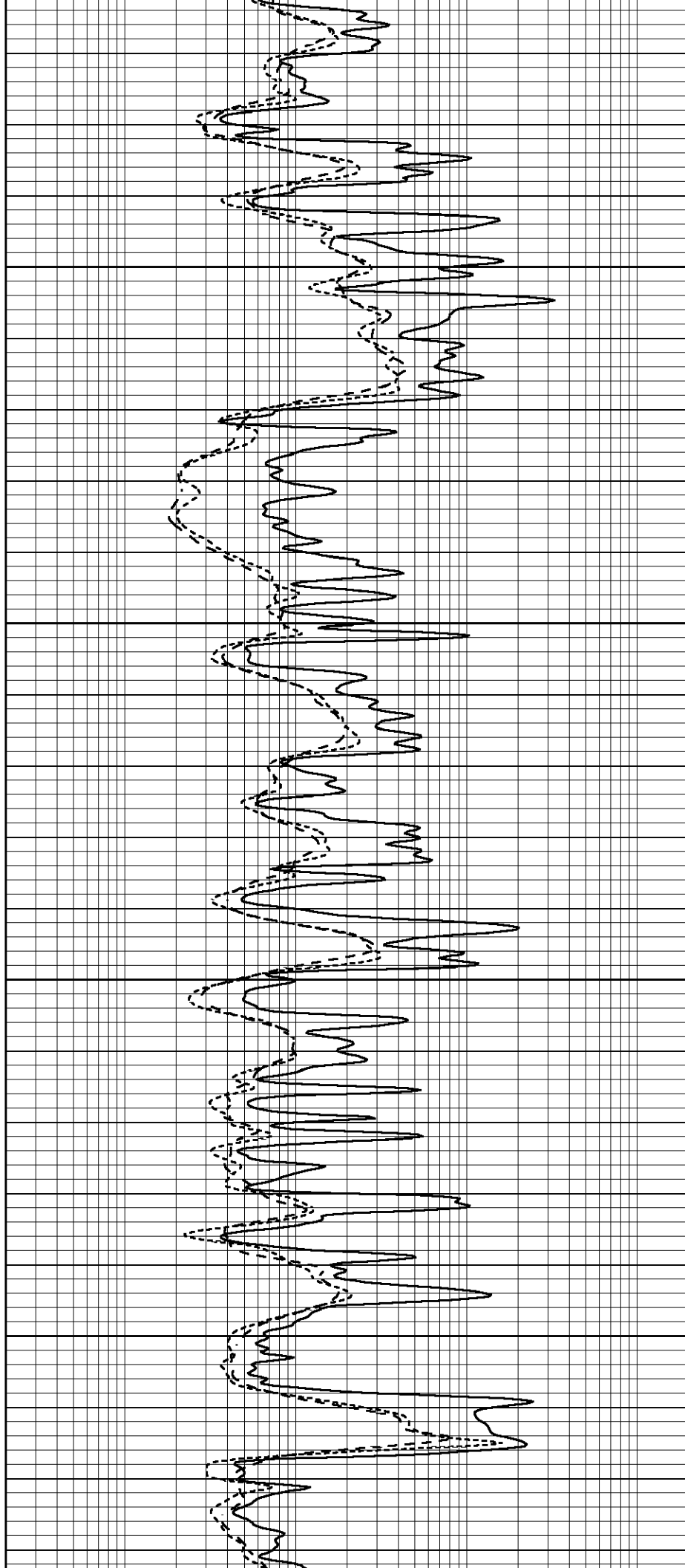


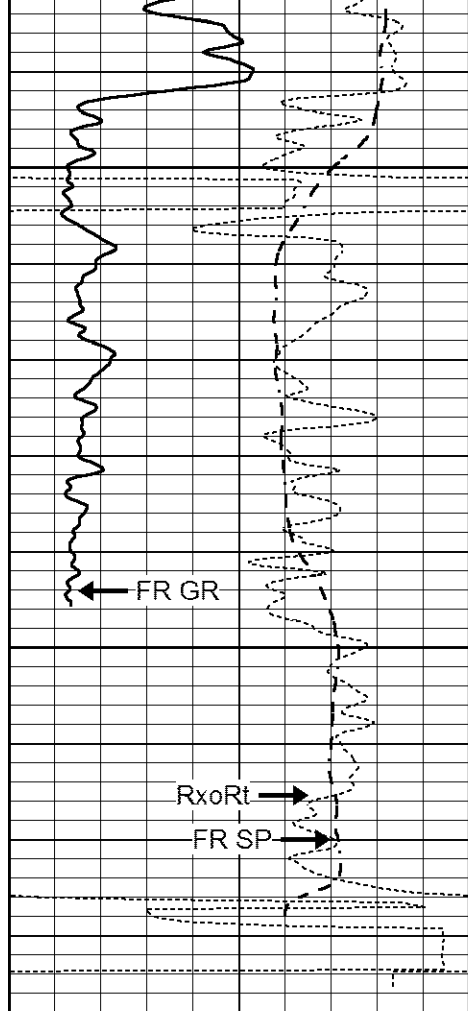
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5100

5150

5200



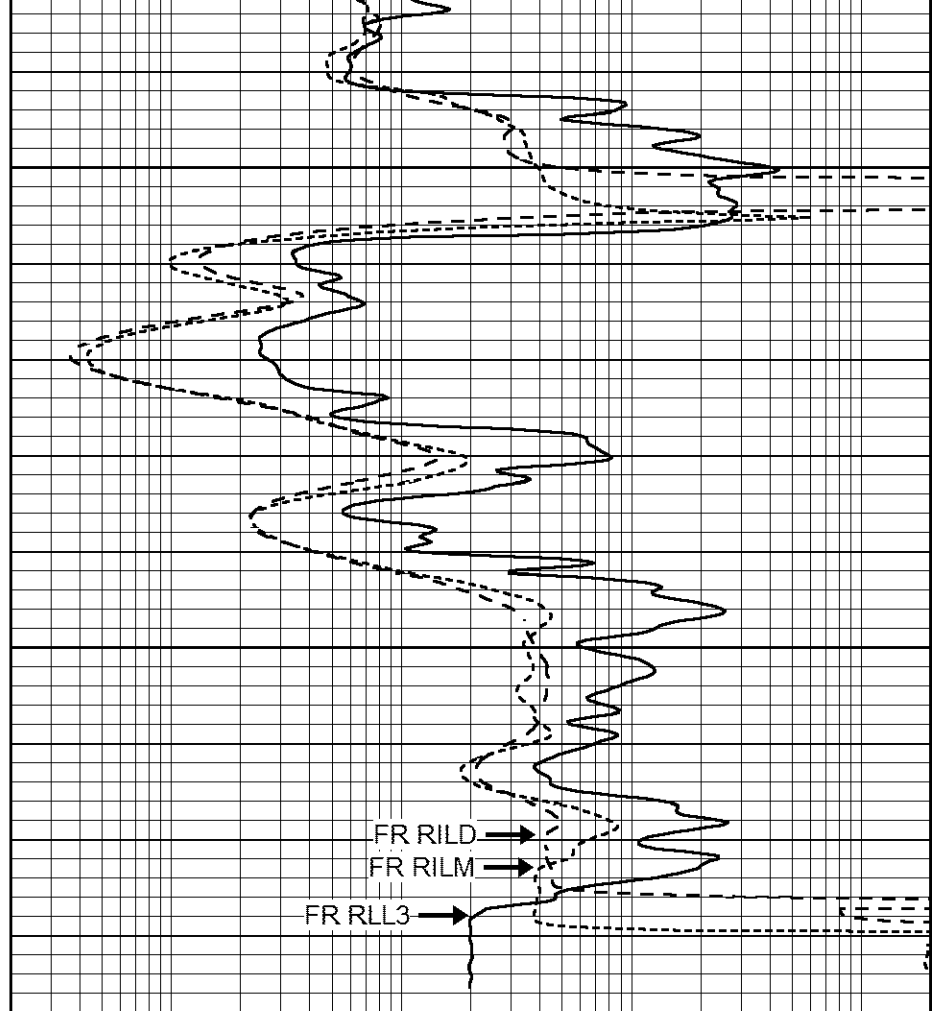


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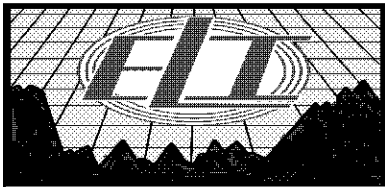
5300

LTD 5330

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

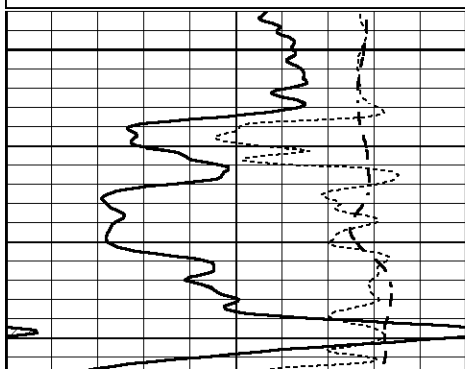


REPEAT SECTION

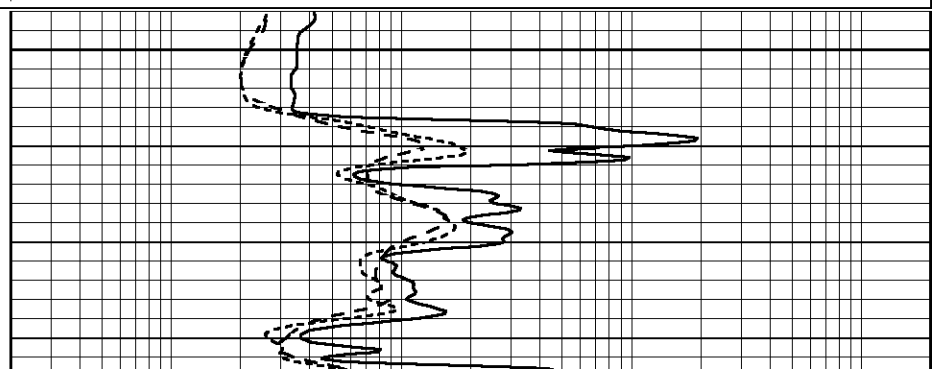
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 Presentation Format _dil
 Dataset Creation Wed Feb 27 04:29:59 2019
 Charted by Depth in Feet scaled 1:240

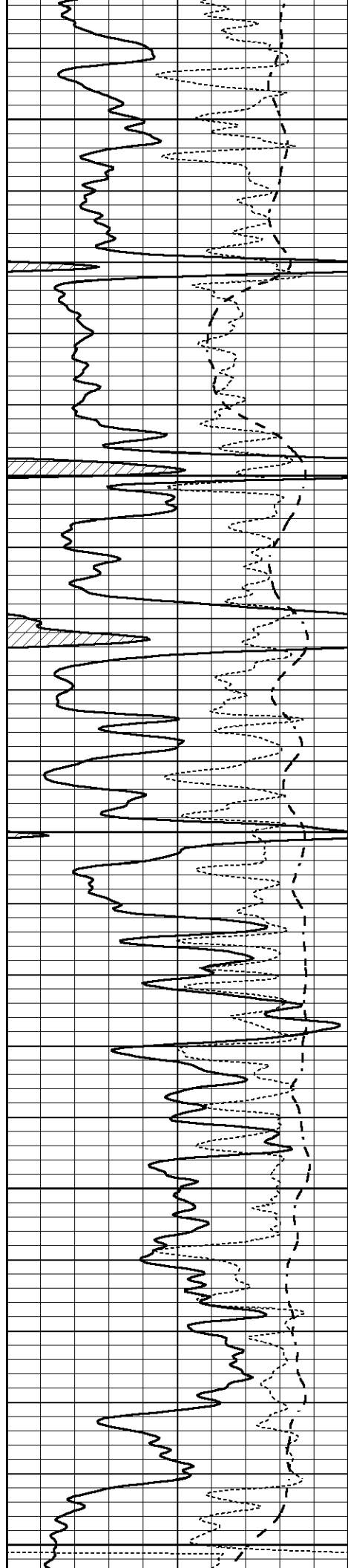
0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50

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



5000





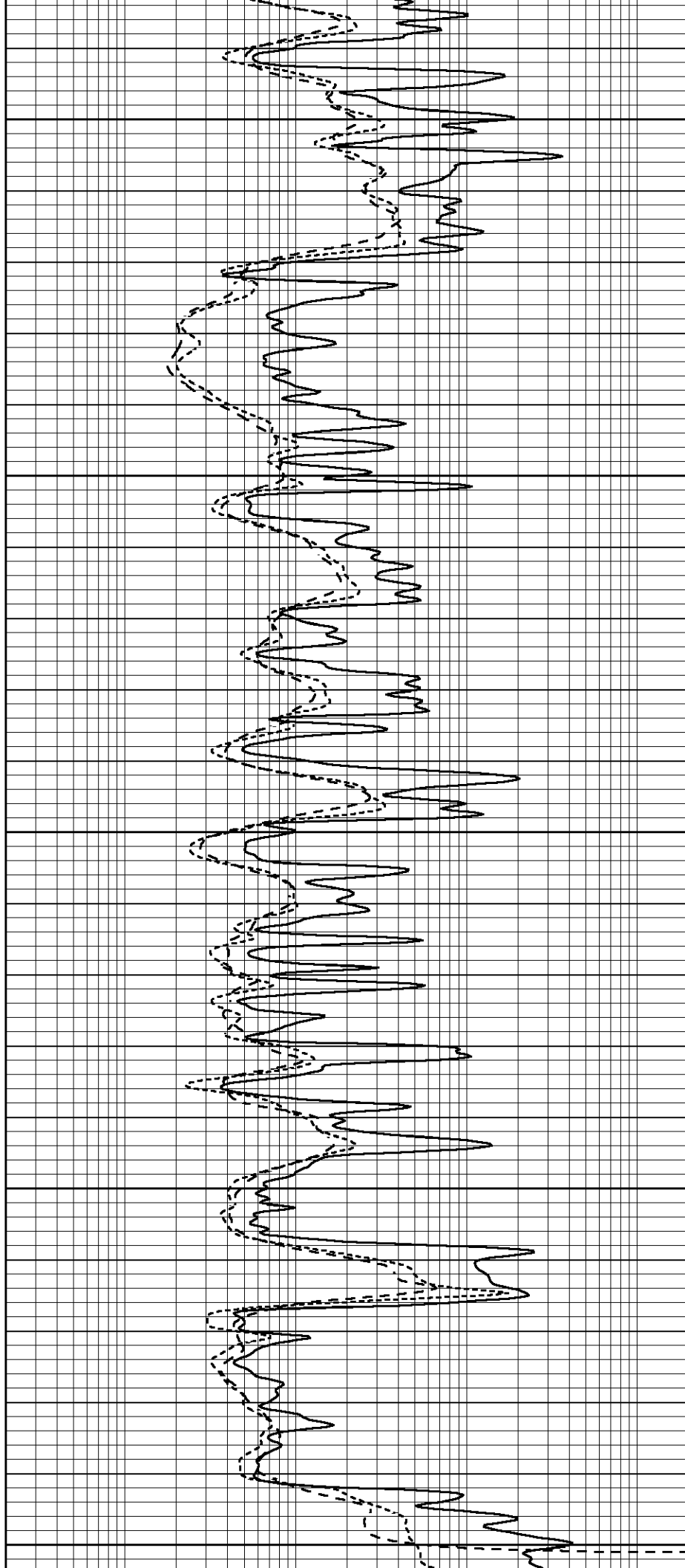
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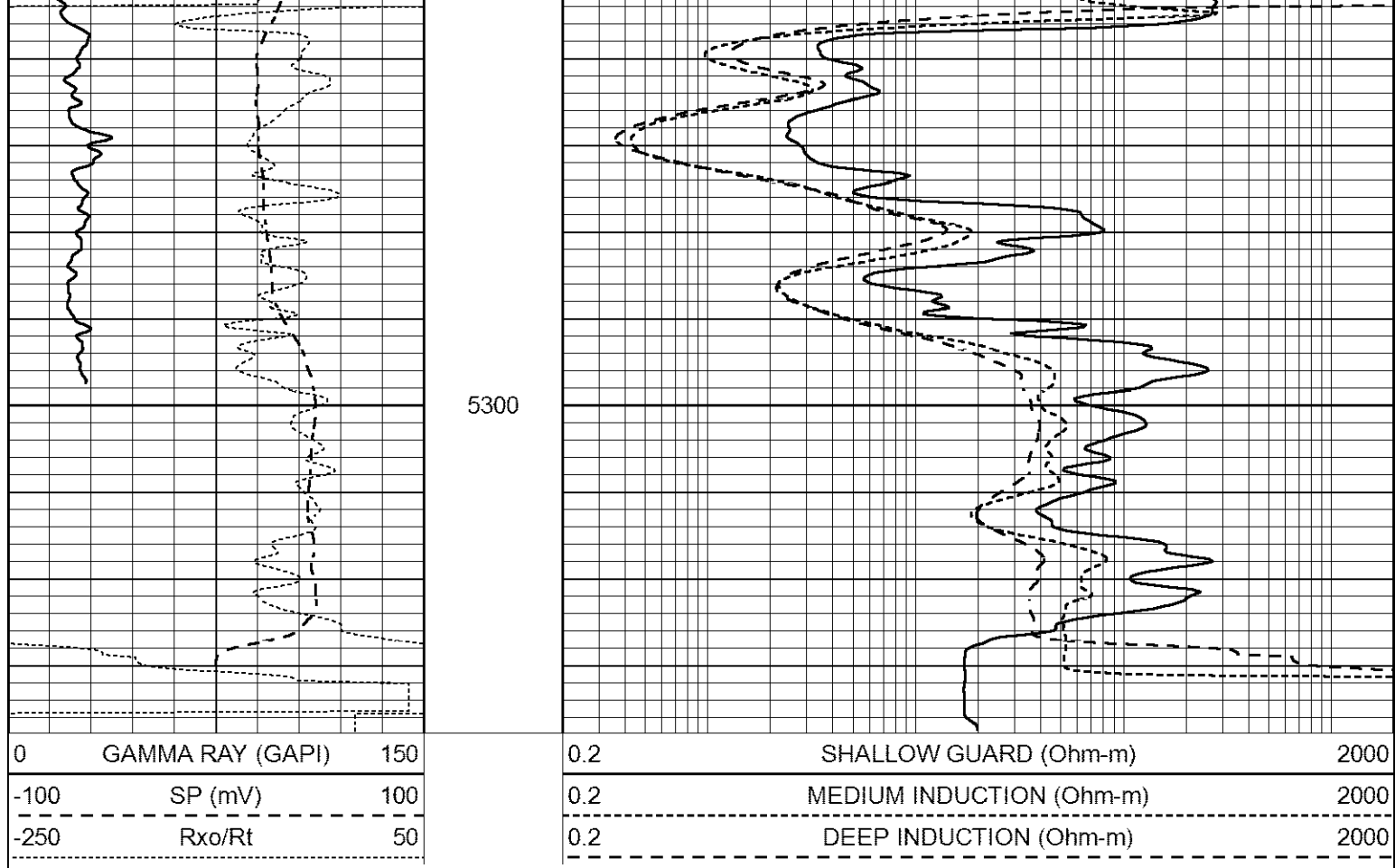
5100

5150

5200

5250





Calibration Report

Database File 3446pe8.db
 Dataset Pathname pass2.1
 Dataset Creation Wed Feb 27 04:29:59 2019

Dual Induction Calibration Report

Serial-Model: FW1410-55-Probe
 Surface Cal Performed: Tue Feb 19 11:44:18 2019
 Downhole Cal Performed: Tue Feb 19 11:44:24 2019
 After Survey Verification Performed: Tue Feb 19 11:44:27 2019

Surface Calibration

Loop:	Readings			References			Results	
	Air	Loop		Air	Loop		m	b
Deep	0.011	0.656	V	1.000	400.000	mmho/m	618.595	-5.524
Medium	-0.000	0.731	V	1.000	464.000	mmho/m	632.856	1.197
Internal:	Readings			References			Results	
	Zero	Cal		Zero	Cal		m	b
Deep	0.007	0.649	V	0.000	400.000	mmho/m	623.784	-4.595
Medium	0.004	0.743	V	0.000	464.000	mmho/m	627.284	-2.251

Downhole Calibration

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	-0.824	395.917	mmho/m	-0.976	397.550	mmho/m	1.004	-0.149
Medium	3.565	471.327	mmho/m	3.468	471.590	mmho/m	1.001	-0.099
LL3		7.503	V		1500.000	Ohm-m		
		0.001	V		20.000	Ohm-m		
		-7.481	V		3745.000	mmho-m		

After Survey Verification			Readings		Targets		Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	-0.824	395.917	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	3.565	471.327	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: 140704
Model: V4_10P
Source Number: 74GBq-19

Master Calibration			Performed: Fri Jan 18 10:53:52 2019		
	Background	Aluminum	Magnesium		
Window 1	563.20	5403.39	24190.50	cps	
Window 2	44.78	1243.51	6049.93	cps	
Window 4	247.62	1222.40	5239.60	cps	
Window 5	568.17	8975.27	17094.80	cps	
Window 6	44.48	1484.88	2922.28	cps	
Window 8	270.82	2877.34	5377.89	cps	
Bulk Density	-	2.6020	1.6830	g/cc	
Pe	-	3.0000	2.5070	b/e	
LS Alpha:	: -1.8641	SS Alpha:	: -0.7692	LS CPE:	: 1.1004
LS Beta:	: 127931.7253	SS Beta:	: 20075.8142	SS CPE:	: 1.5209

Before Survey Background Counts Verification			Performed: Wed Dec 31 18:00:00 1969		
Window 1	0.00	cps			
Window 2	0.00	cps			
Window 4	0.00	cps			
Window 5	0.00	cps			
Window 6	0.00	cps			
Window 8	0.00	cps			

After Survey Background Counts Verification			Performed: Wed Dec 31 18:00:00 1969		
Window 1	0.00	cps			
Window 2	0.00	cps			
Window 4	0.00	cps			
Window 5	0.00	cps			
Window 6	0.00	cps			
Window 8	0.00	cps			

Lithodensity Caliper Calibration			Performed: Fri Jan 18 10:53:52 2019		
Results	Readings		References (in)		
	Low	High	Low	High	
	90.2	3611.6	8.0	14.0	
					Gain
					Offset
					0.0
					7.8

Before Survey Caliper Verification			Performed:		
	Reference	Reading			

Caliper (in)			
After Survey Caliper Verification		Performed:	
Reference	Reading		
Caliper (in)			
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:	Tue Feb 19 11:45:10 2019		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	1.0	cps	
Sensitivity:	0.4300	GAPI/cps	