



DUAL
INDUCTION
LOG

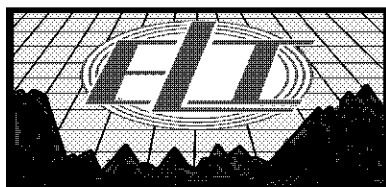
Company VINCENT OIL CORPORATION		Company VINCENT OIL CORPORATION	
Well	KEOUGH #11-34	Well KEOUGH #11-34	
Field	MULBERRY CREEK	Field MULBERRY CREEK	
County	FORD	County	FORD
State	KANSAS	State	KANSAS
Location:		API # : 15-057-21002-0000	Other Services CDL/CNL/PE MEL/SON
2314' FNL & 1956' FEL			
SEC 34 TWP 28S RGE 23W		Elevation	
Permanent Datum	GROUND LEVEL	Elevation	
Log Measured From	KELLY BUSHING 12' A.G.L.	K.B. 2539	
Drilling Measured From	KELLY BUSHING	D.F. 2537	
		G.L. 2527	
Date	10/13/18		
Run Number	ONE		
Depth Driller	5375		
Depth Logger	5380		
Bottom Logged Interval	5378		
Top Log Interval	00		
Casing Driller	8 5/8" @ 646'		
Casing Logger	644		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 9300 PPM	
Density / Viscosity	9.2/59		
pH / Fluid Loss	9.5/11.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.45 @ 75F		
Rmf @ Meas. Temp	.33 @ 75F		
Rmc @ Meas. Temp	.54 @ 75F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.26 @ 128F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	////		
Maximum Recorded Temperature	128F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	JASON CAPPELLUCCI		
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

THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
KINGSDOWN, KS, - NORTH TO WILBURN RD. - 3 1/2 WEST TO HOUSE ON THE SOUTH SIDE
NORTH INTO



MAIN SECTION

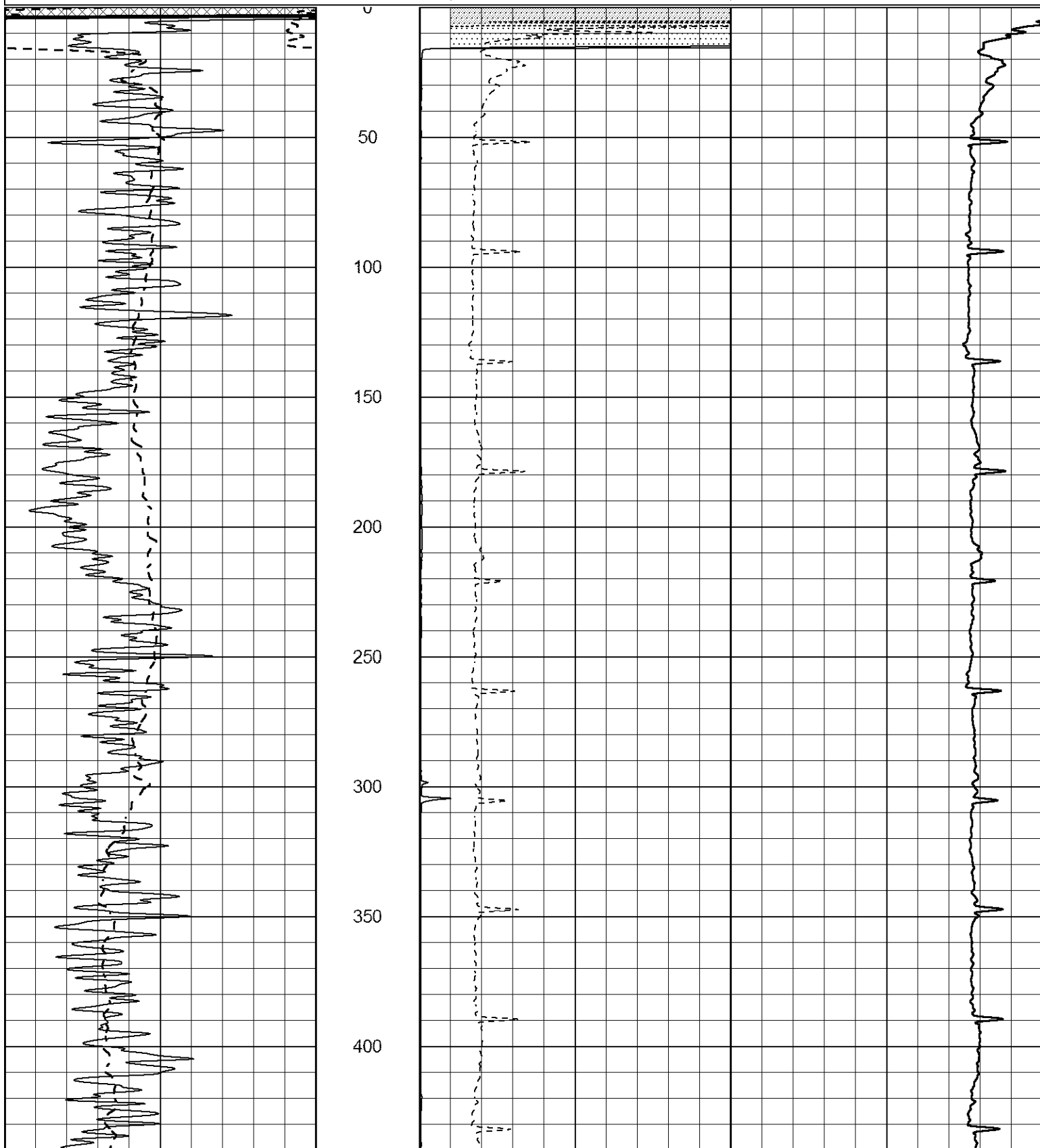
Database File 3009pe8.db
Dataset Pathname pass3.2
Presentation Format _dil2
Dataset Creation Sat Oct 13 04:08:49 2018
Charted by Depth in Feet scaled 1:600

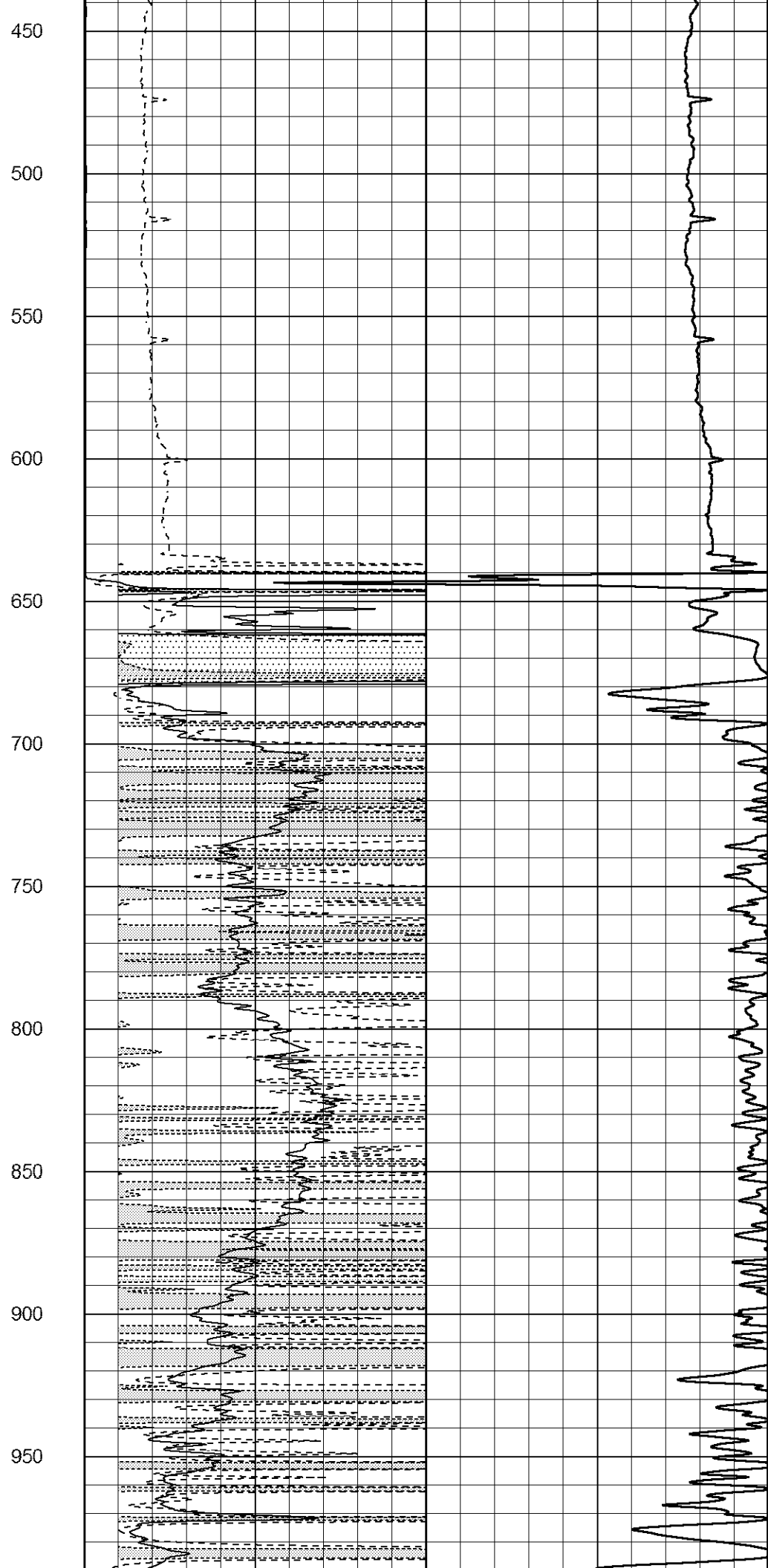
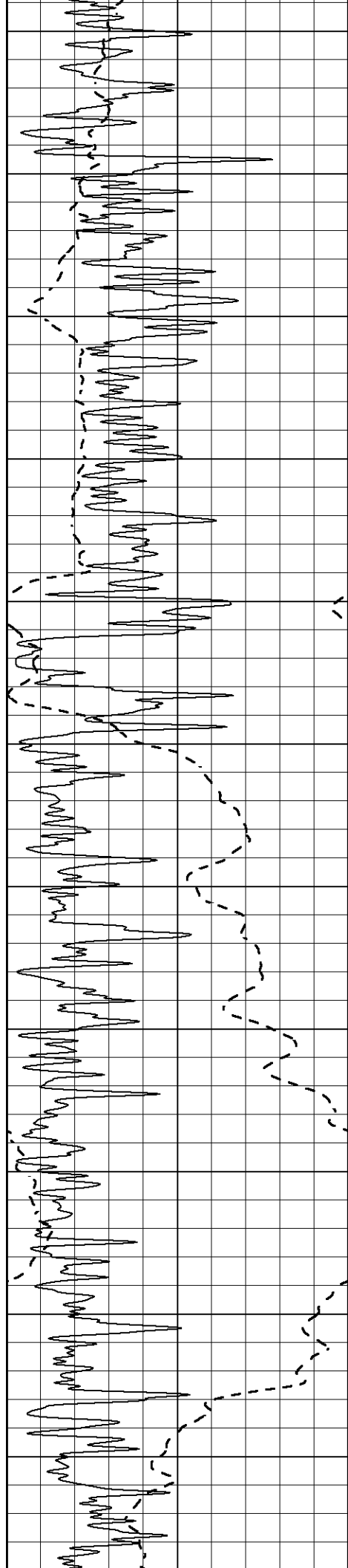
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-100 SP (mV) 100

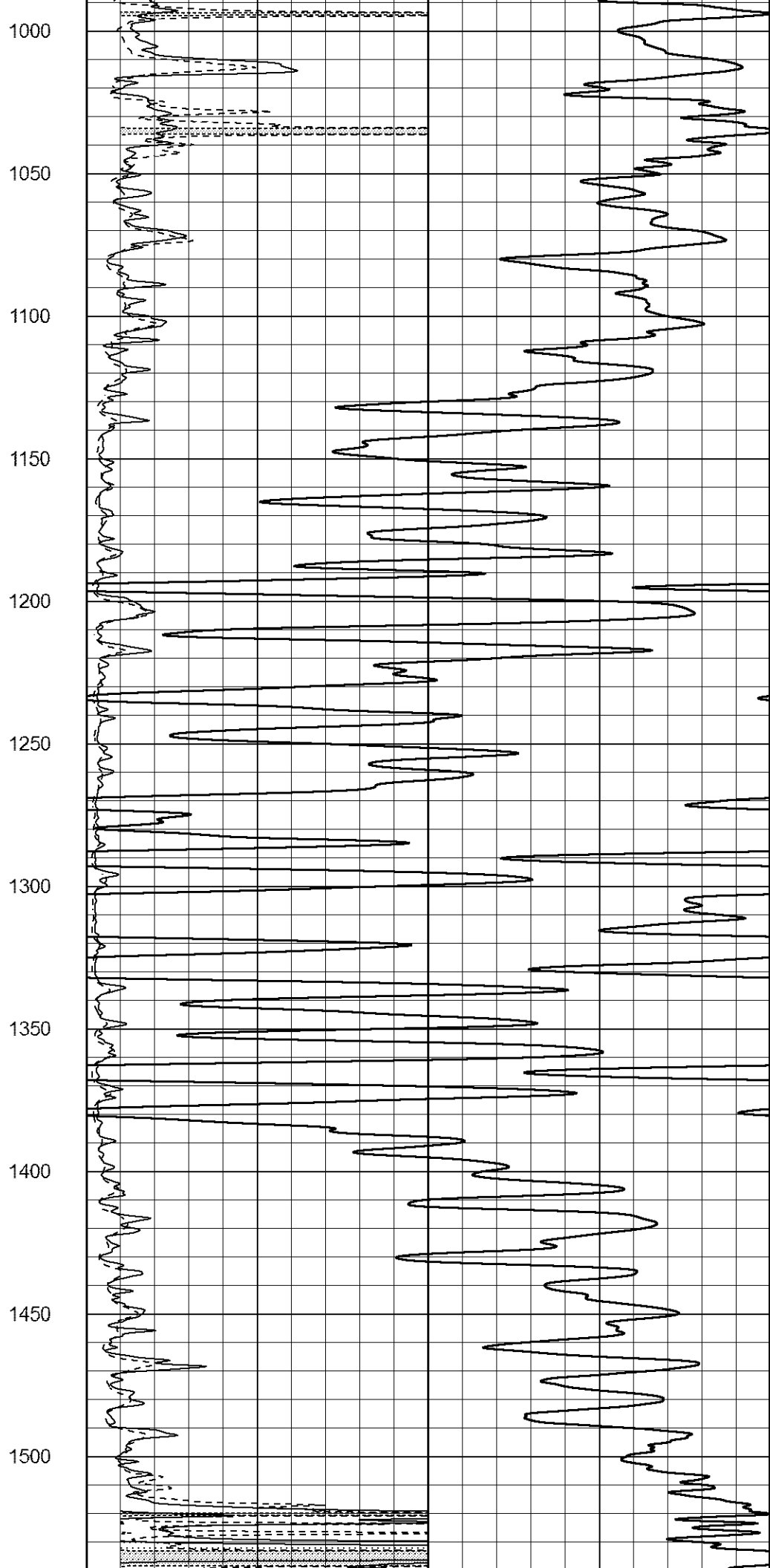
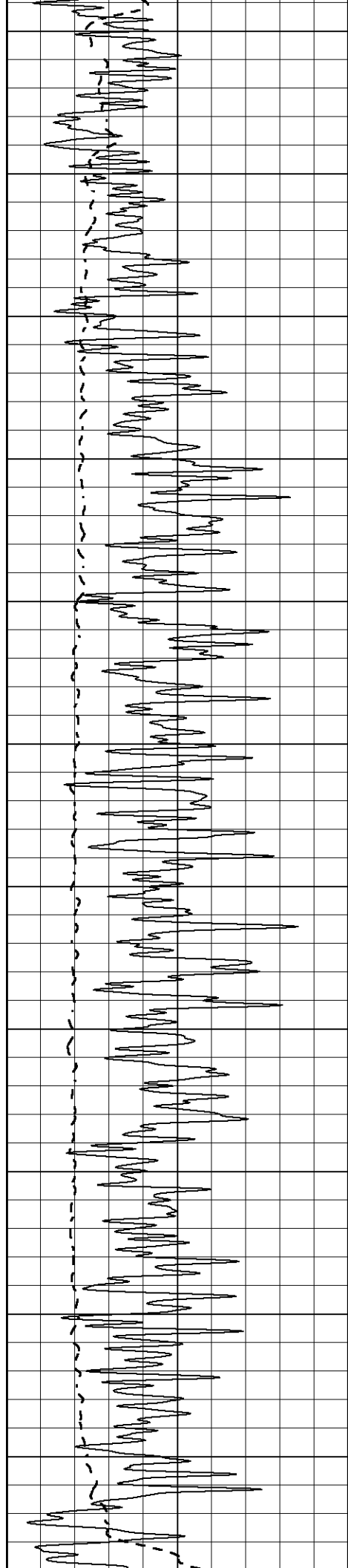
1000 CILD (mmho/m) 0
0 RLL3 (Ohm-m) 50
0 Deep Induction (Ohm-m) 50

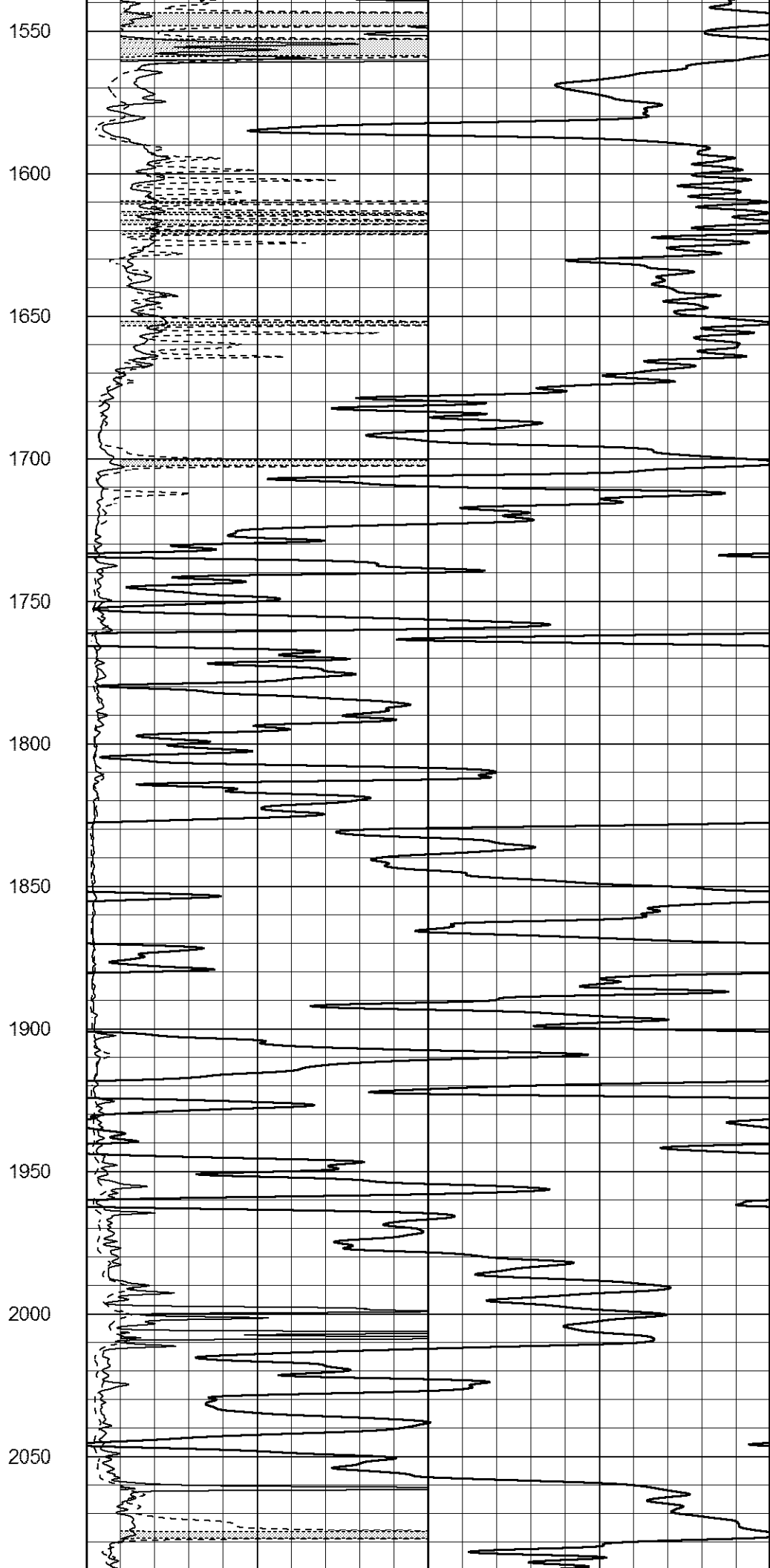
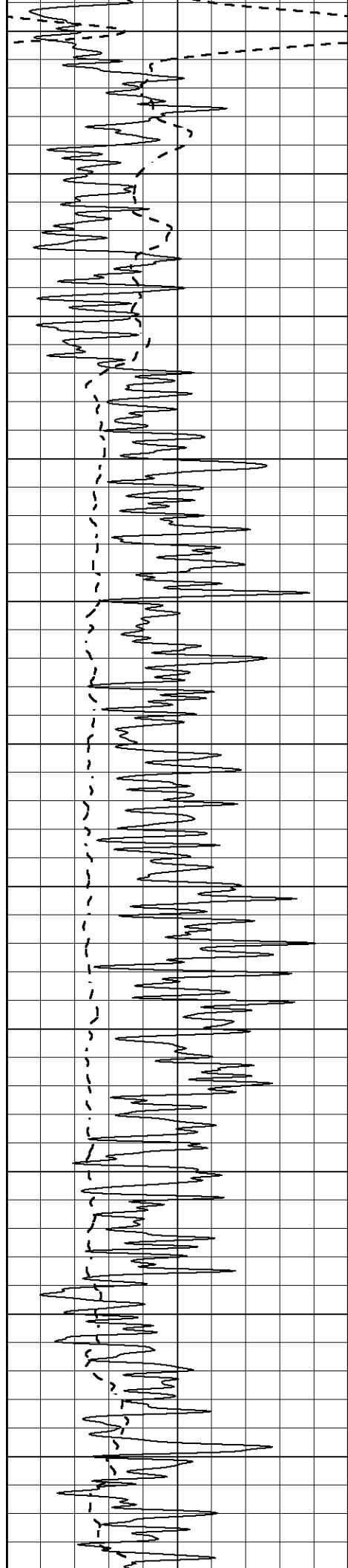
50 RILD X10 (Ohm-m) 500

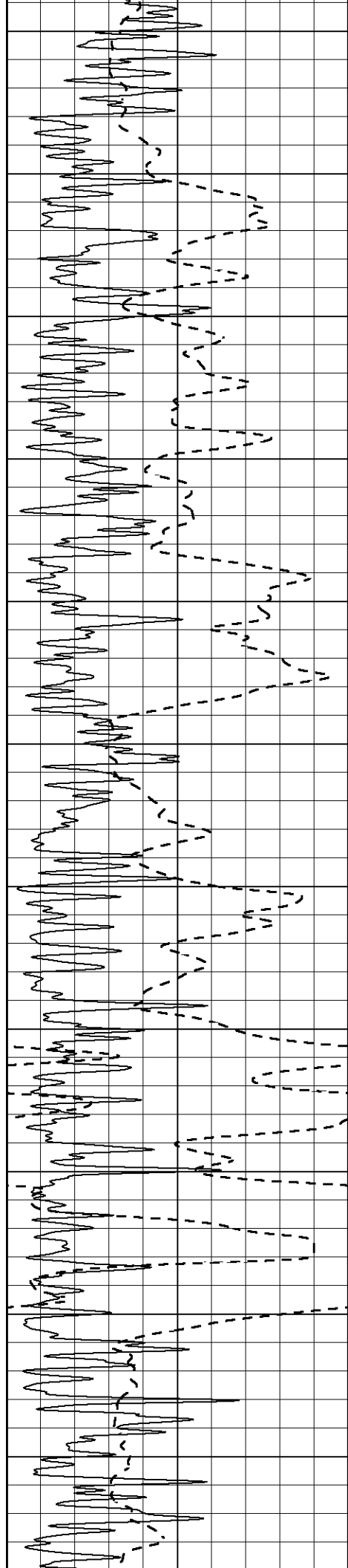
50 RLL3 X10 (Ohm-m) 500











2100

2150

2200

2250

2300

2350

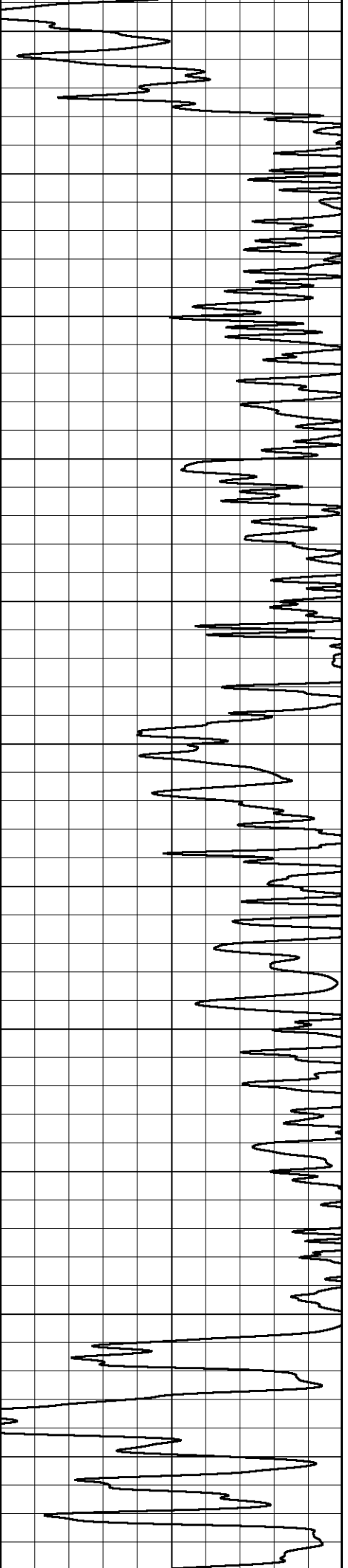
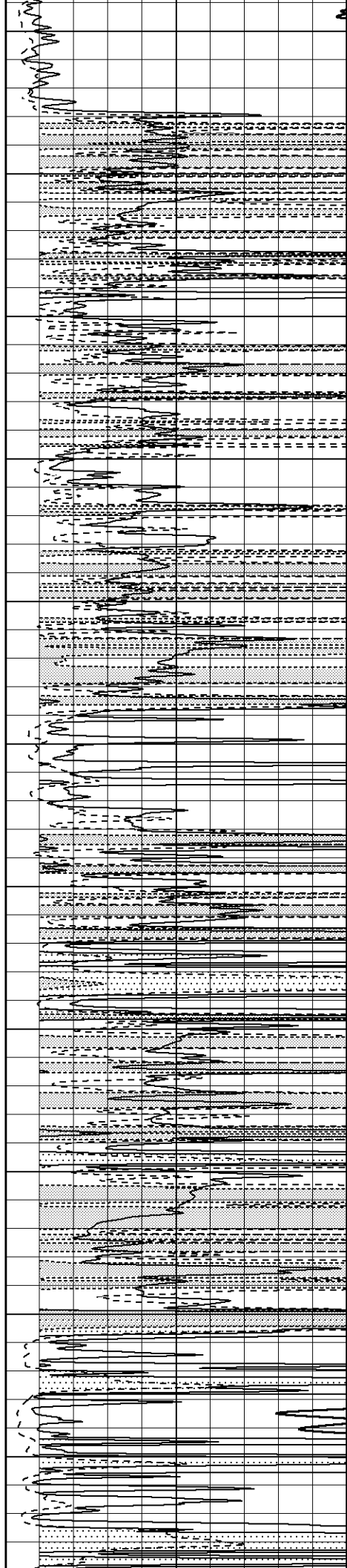
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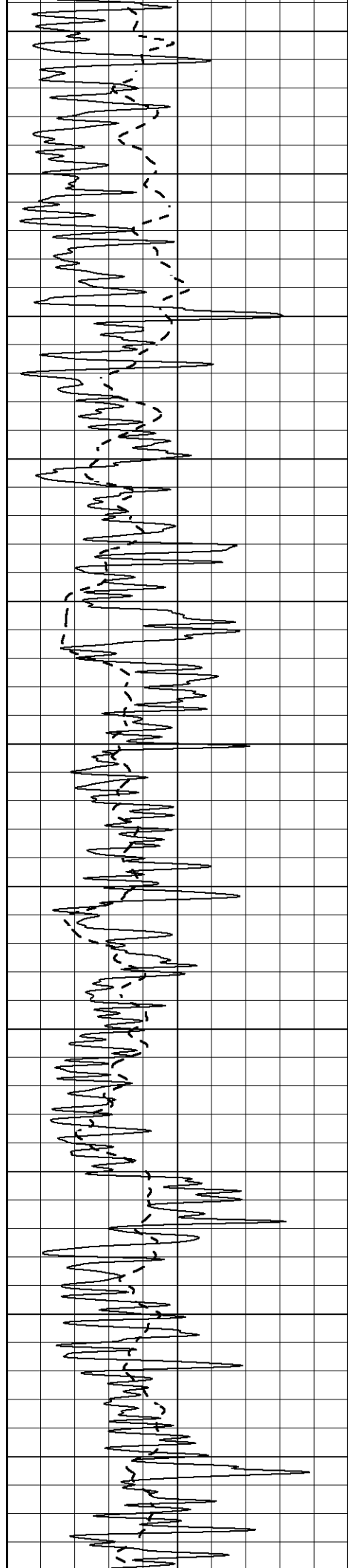
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2500

2550

2600





2650

2700

2750

2800

2850

2900

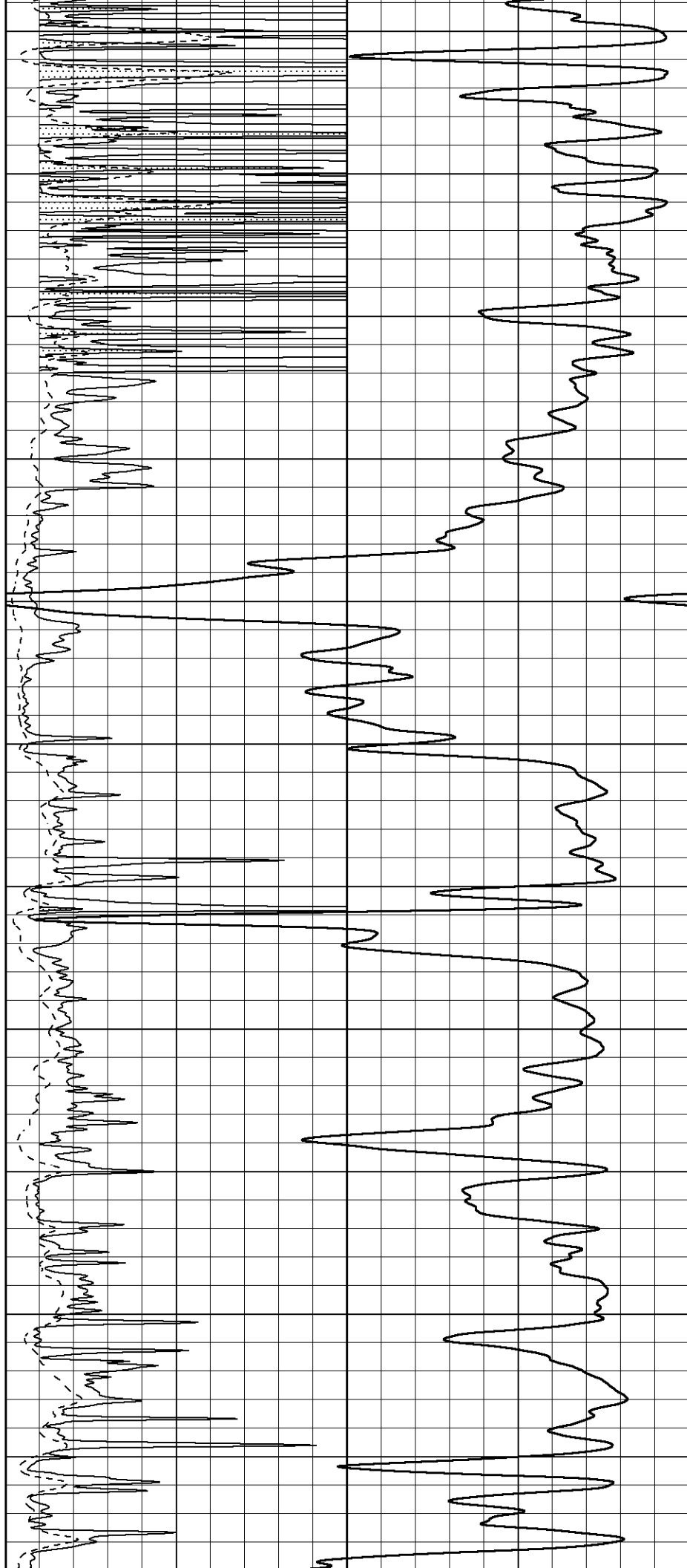
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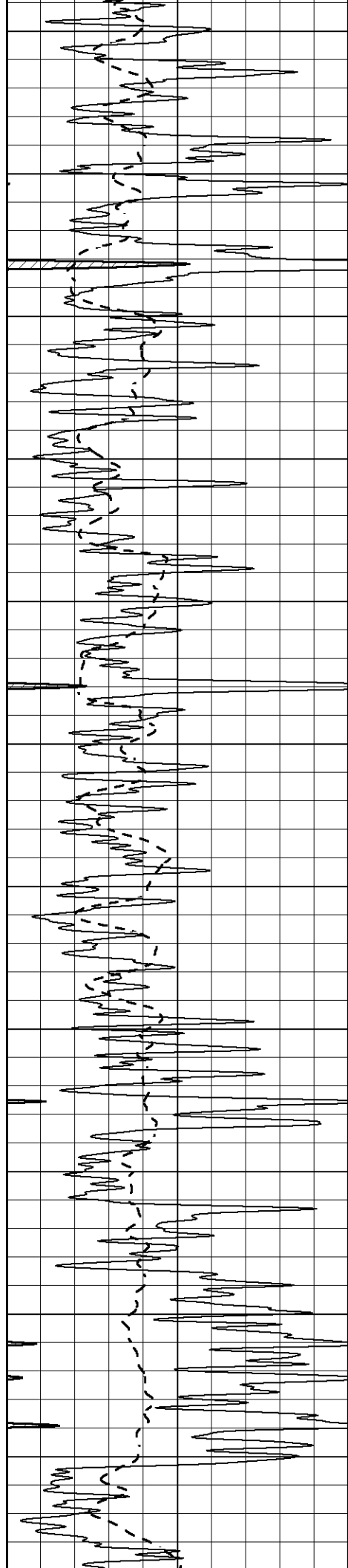
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3100

3150





3200

3250

3300

3350

3400

3450

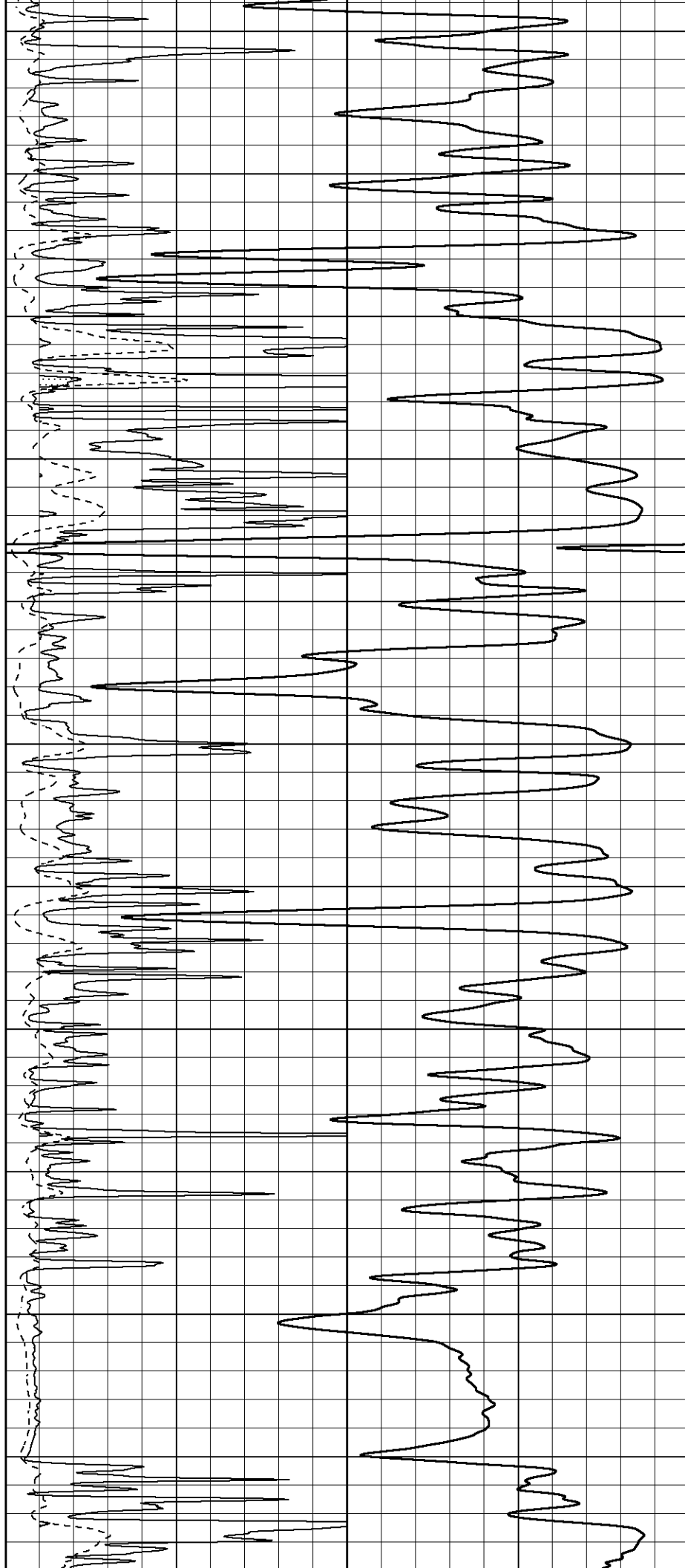
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3600

3650

3700



3750

3800

3850

3900

3950

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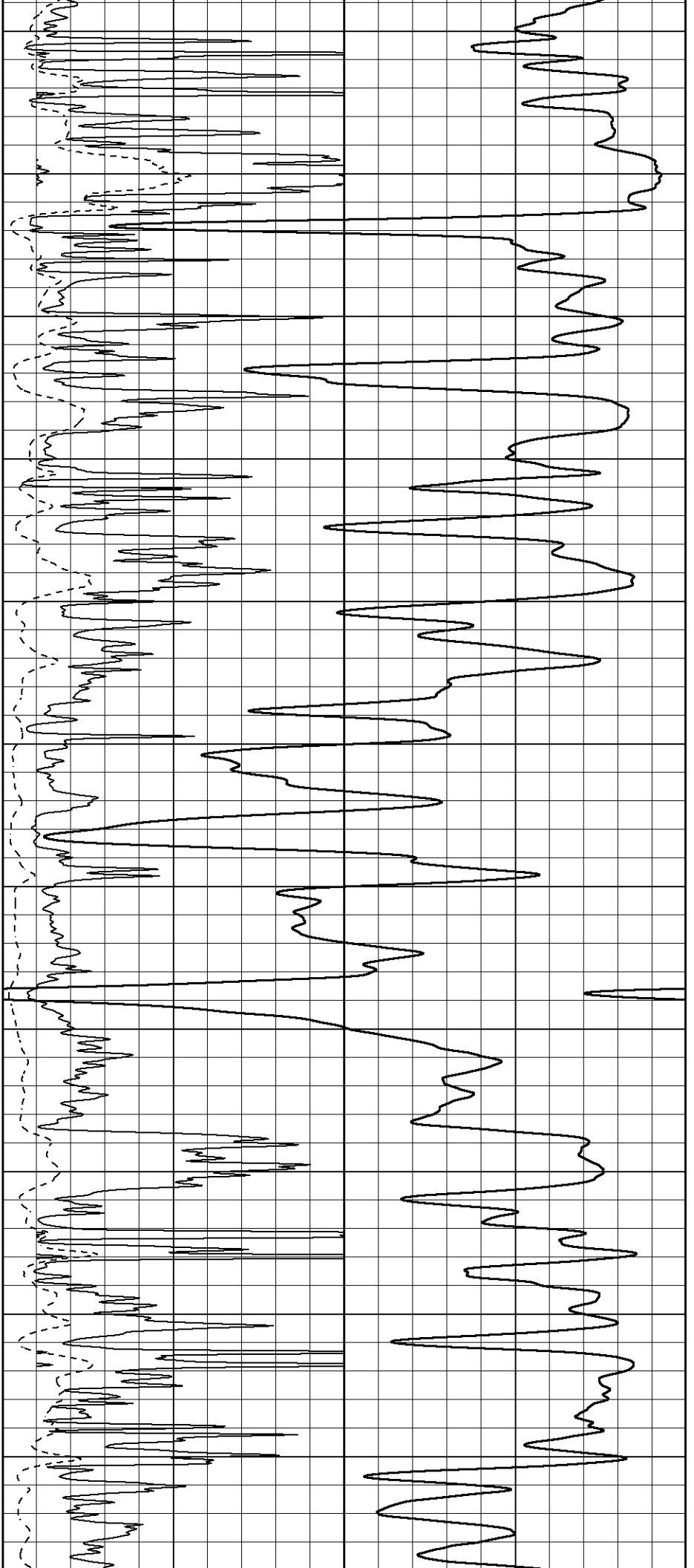
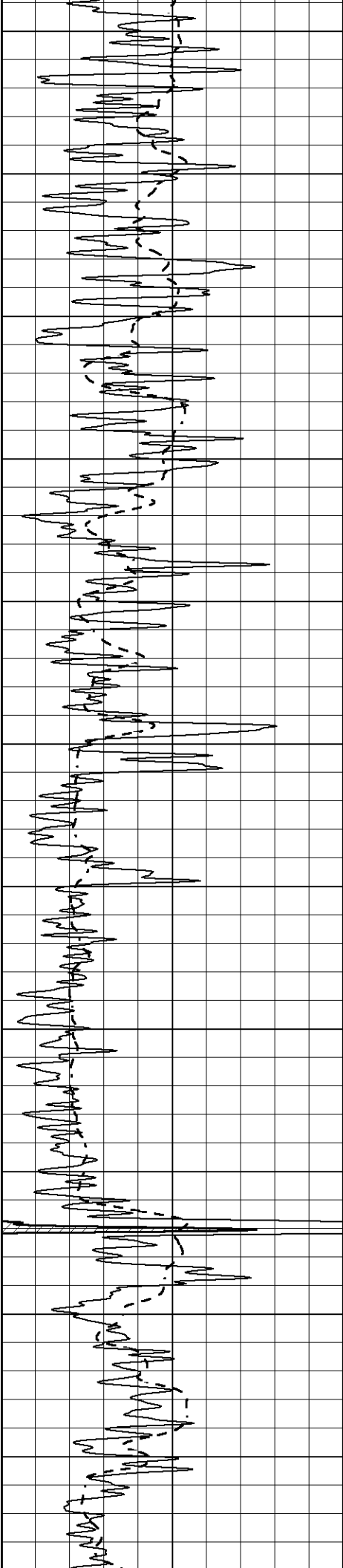
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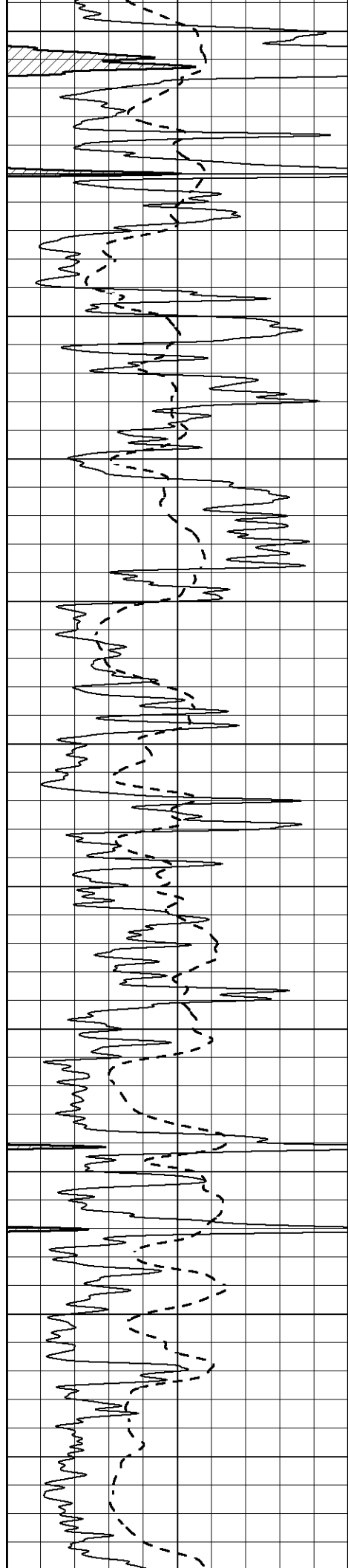
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4200

4250





4300

4350

4400

4450

4500

4550

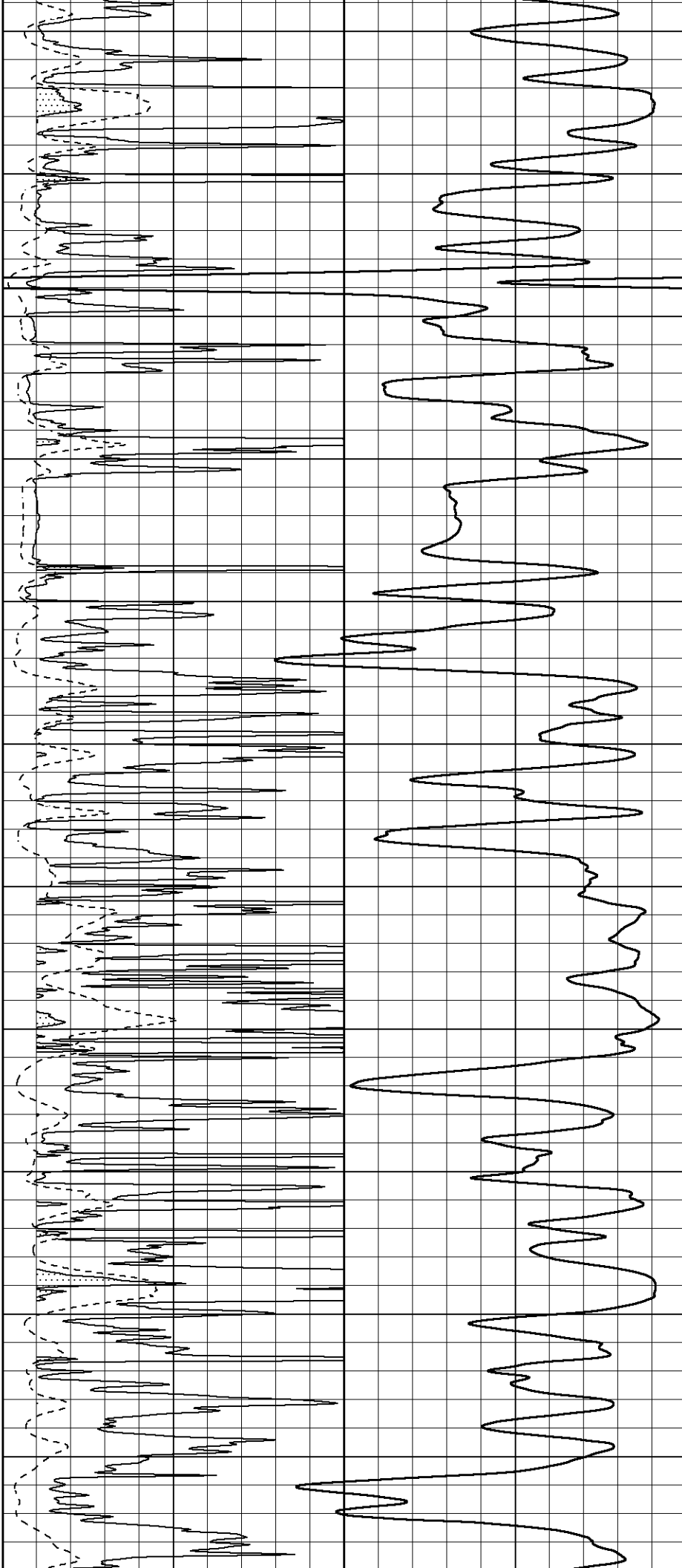
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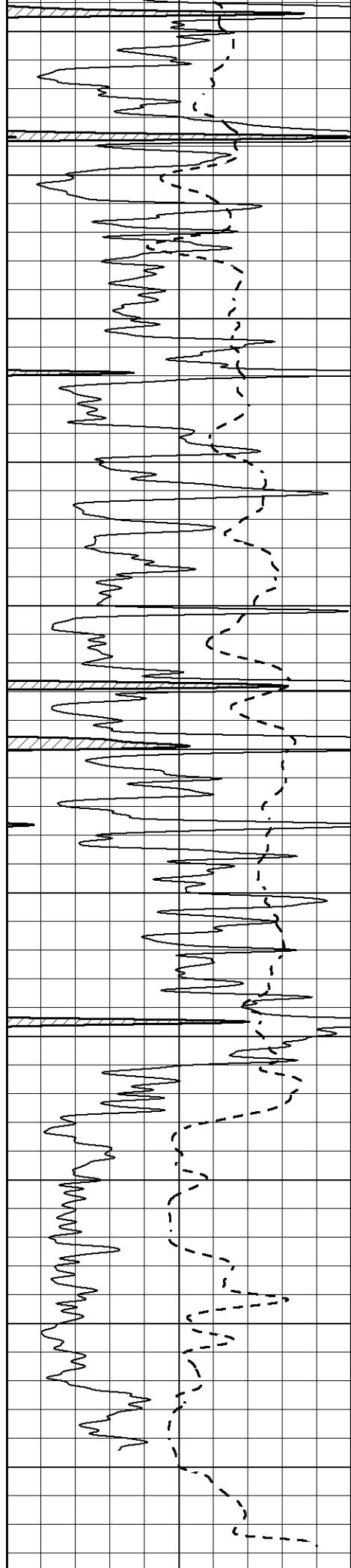
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4750

4800





4850

4900

4950

5000

5050

5100

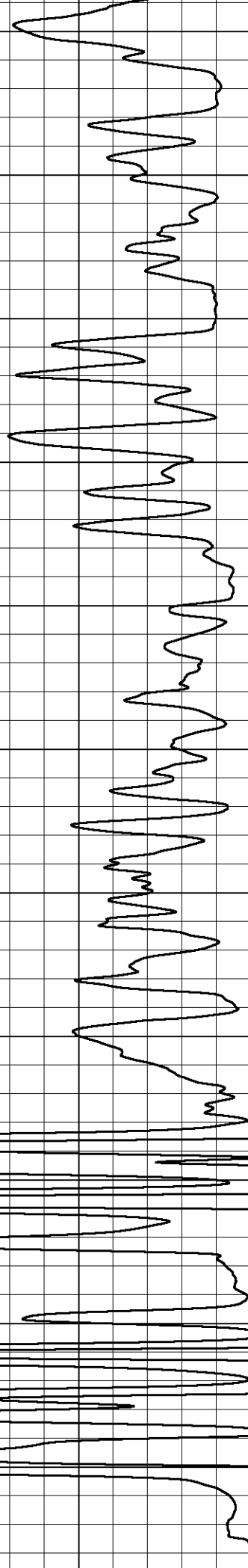
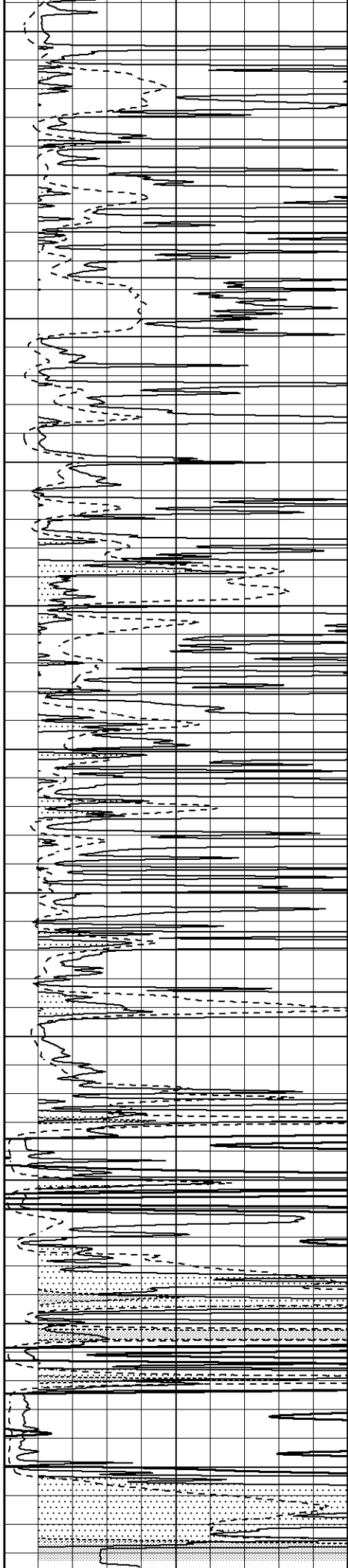
5150

5200

5250

5300

5350



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

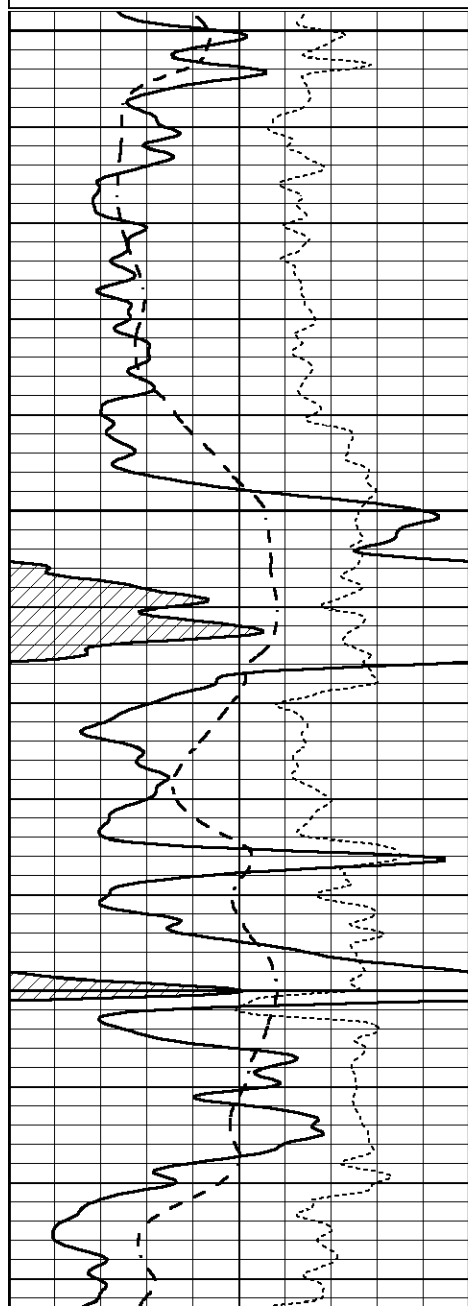


MAIN SECTION

Database File 3009pe8.db
 Dataset Pathname pass3.1
 Presentation Format _dil
 Dataset Creation Sat Oct 13 02:47:50 2018
 Charted by Depth in Feet scaled 1:240

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

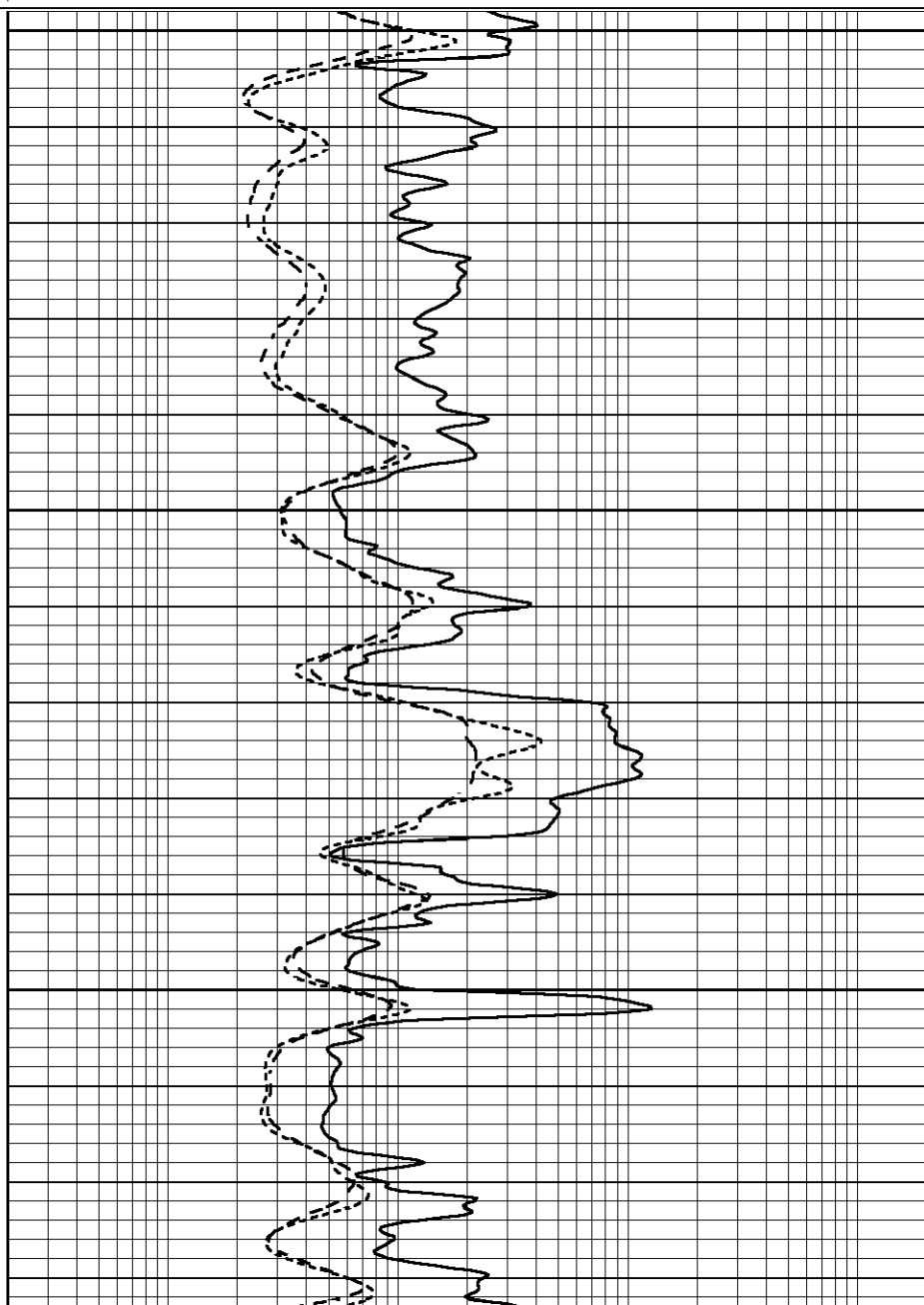
0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000

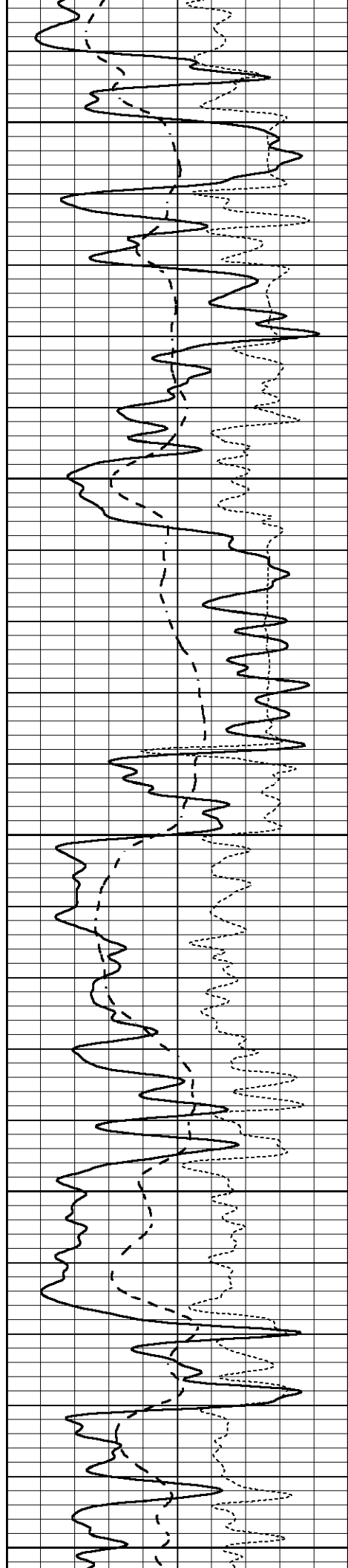


4250

4300

4350





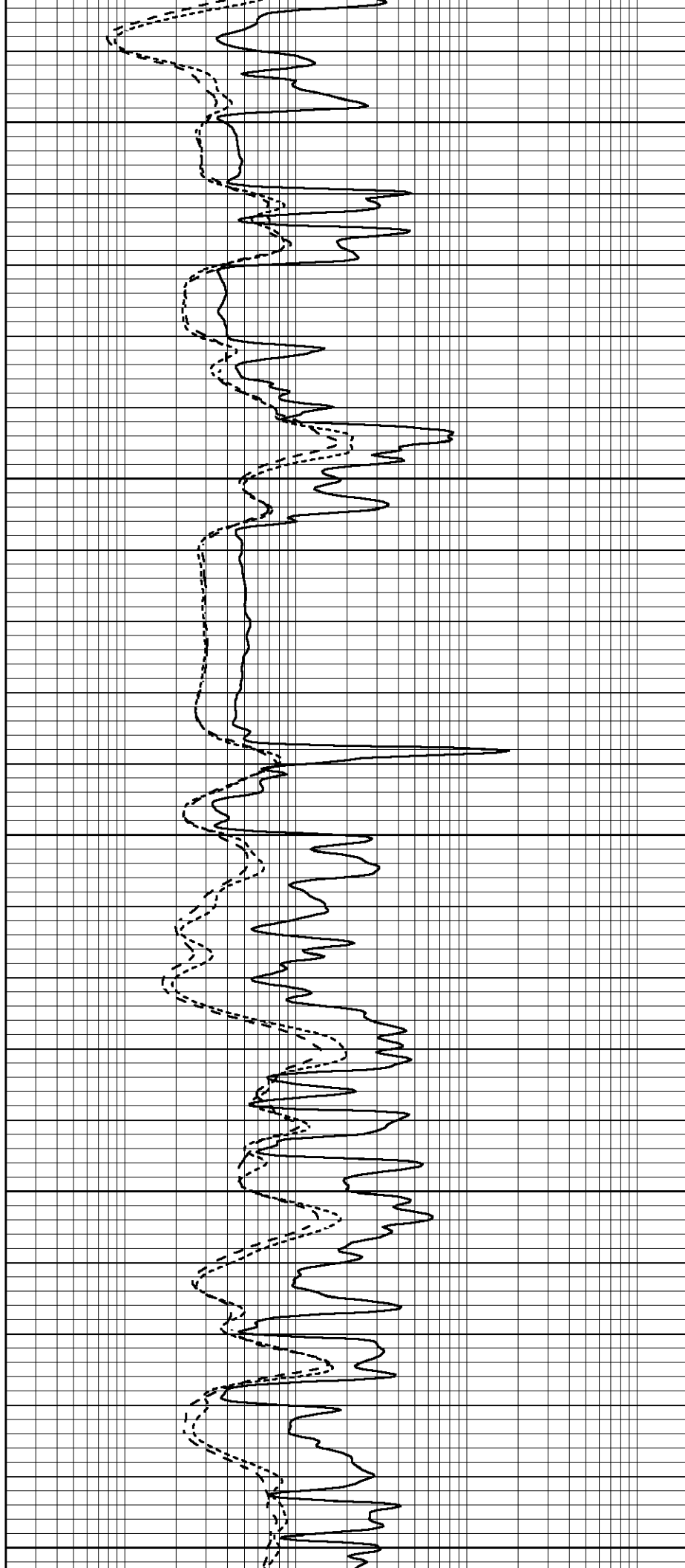
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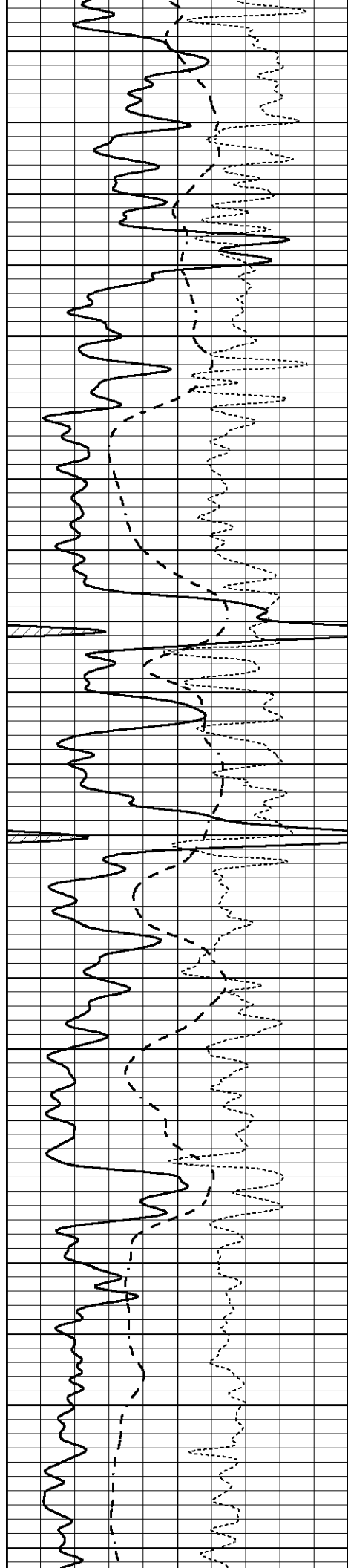
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4500

4550

4600



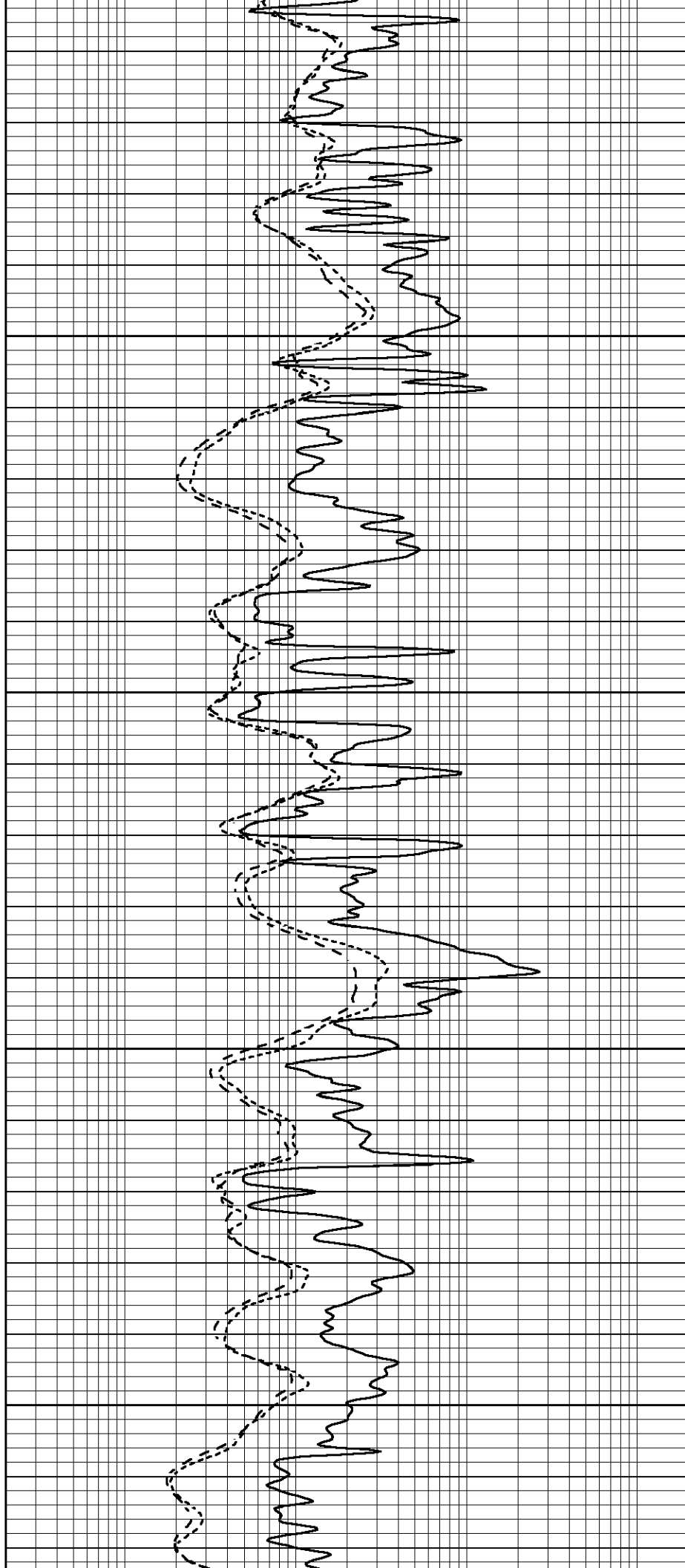


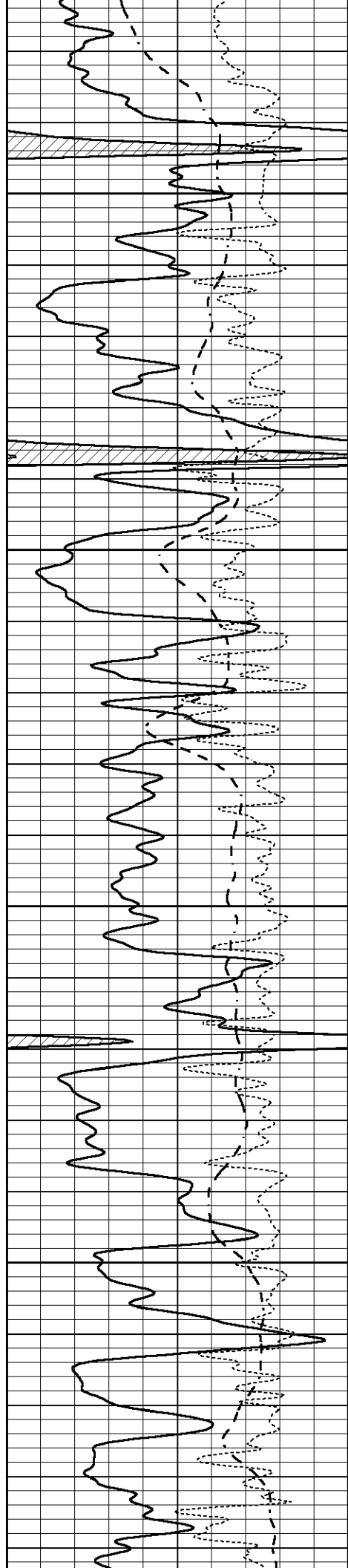
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4700

4750

4800



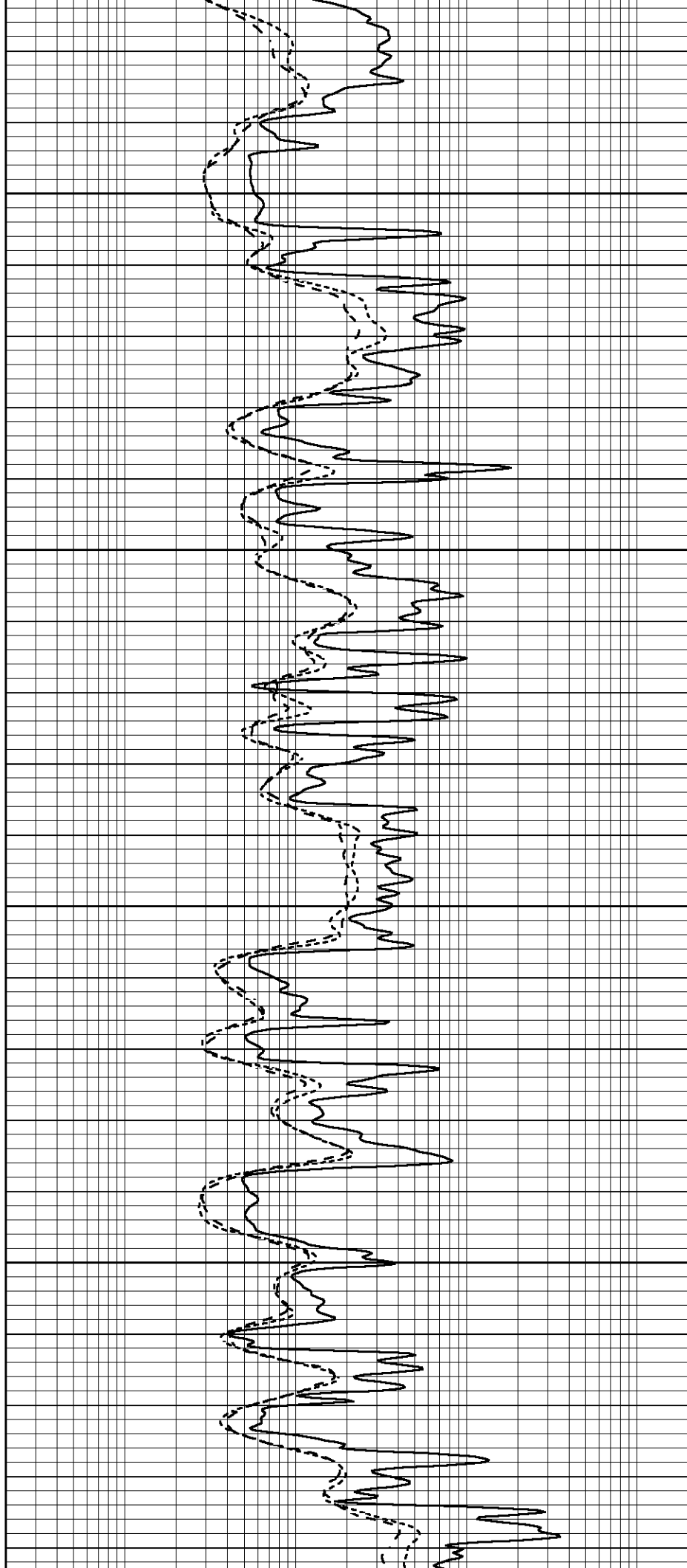


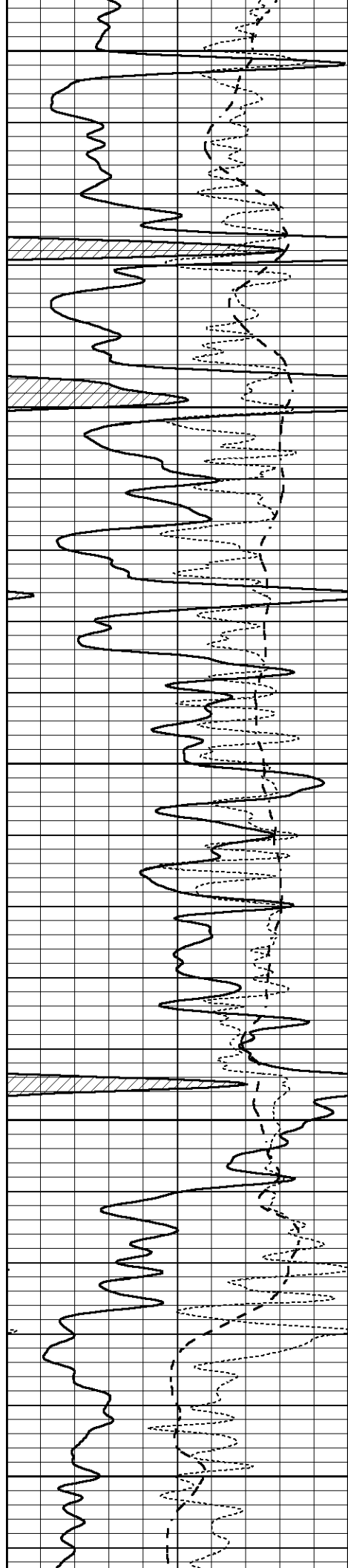
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4900

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5000





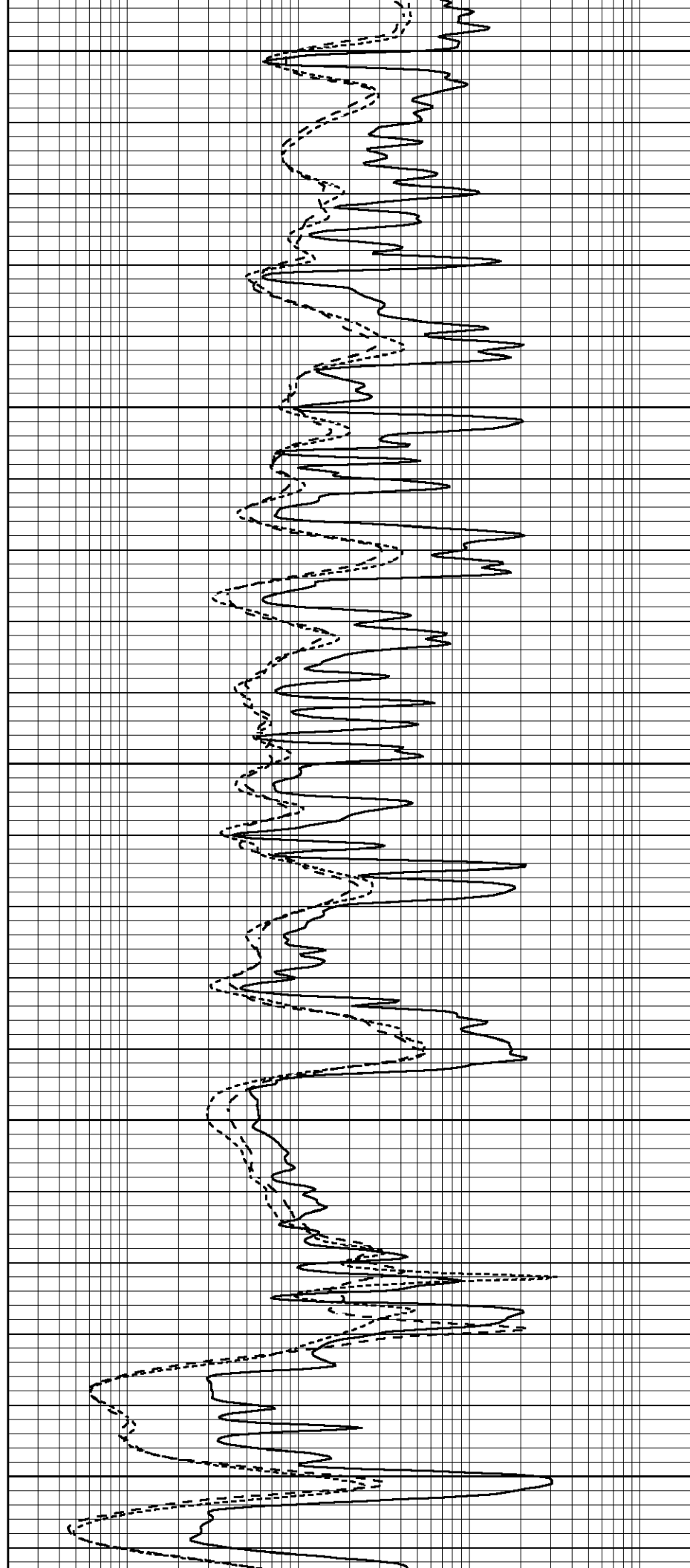
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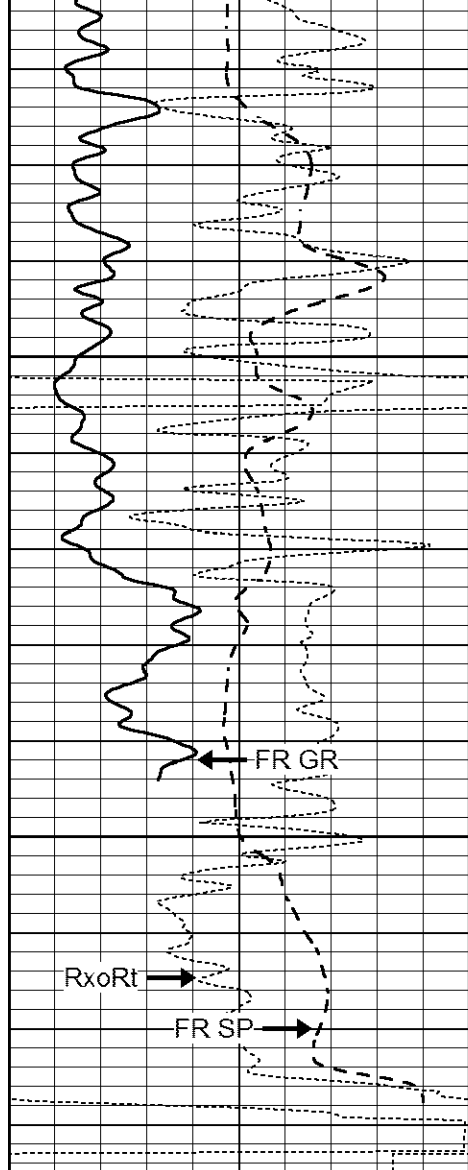
5100

5150

5200

5250



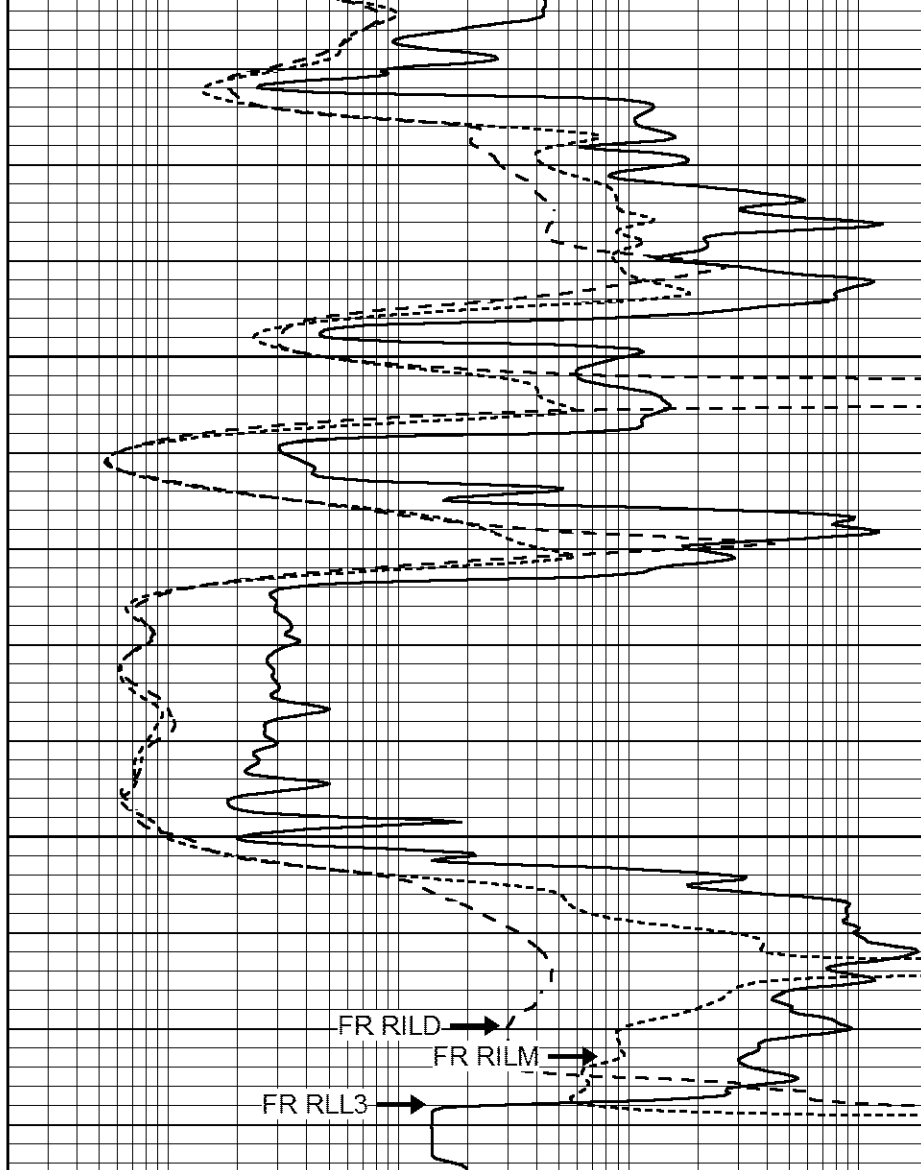


0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50

5300

5350

LTD 5380



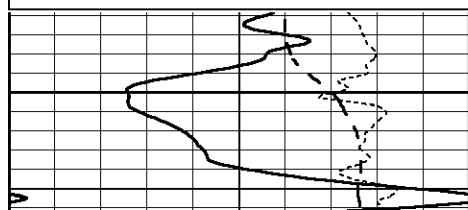
0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000



REPEAT SECTION

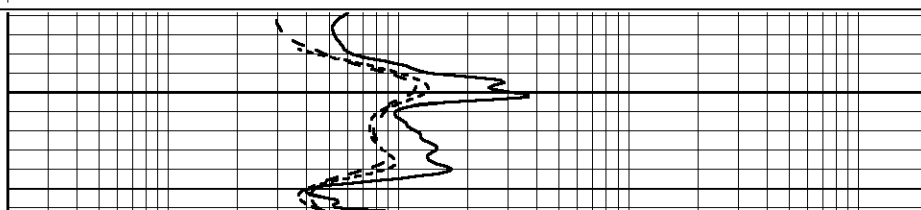
Database File 3009pe8.db
 Dataset Pathname pass2.1
 Presentation Format _dil
 Dataset Creation Sat Oct 13 02:35:22 2018
 Charted by Depth in Feet scaled 1:240

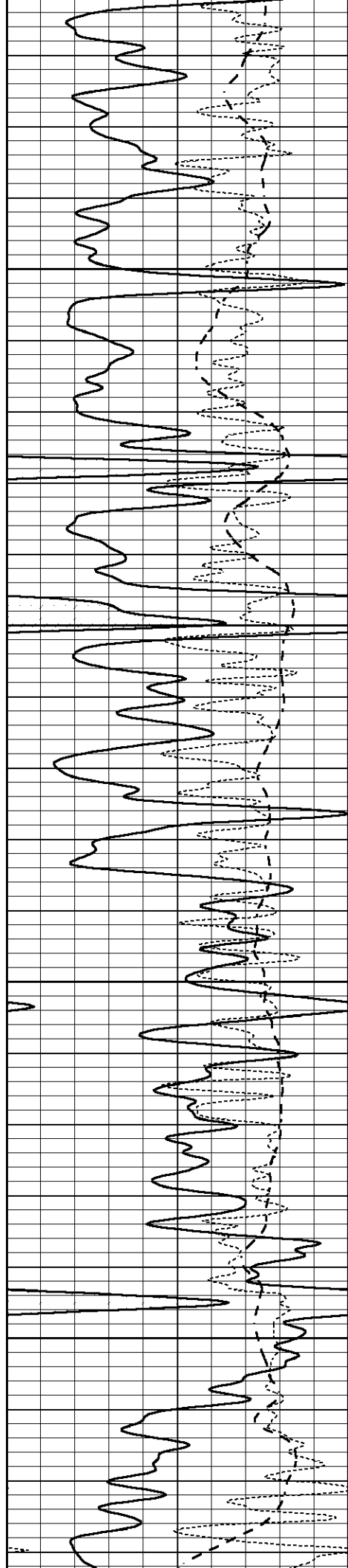
0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50



5000

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



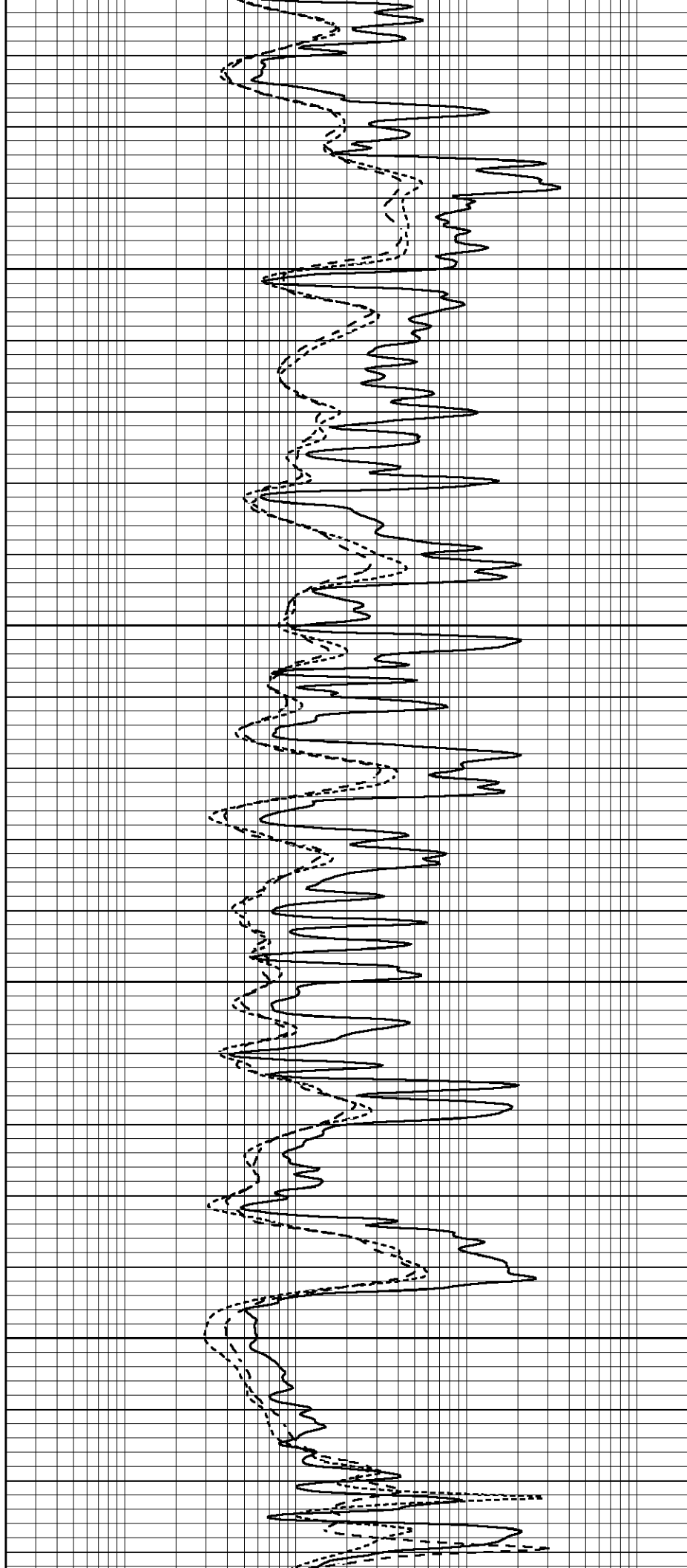


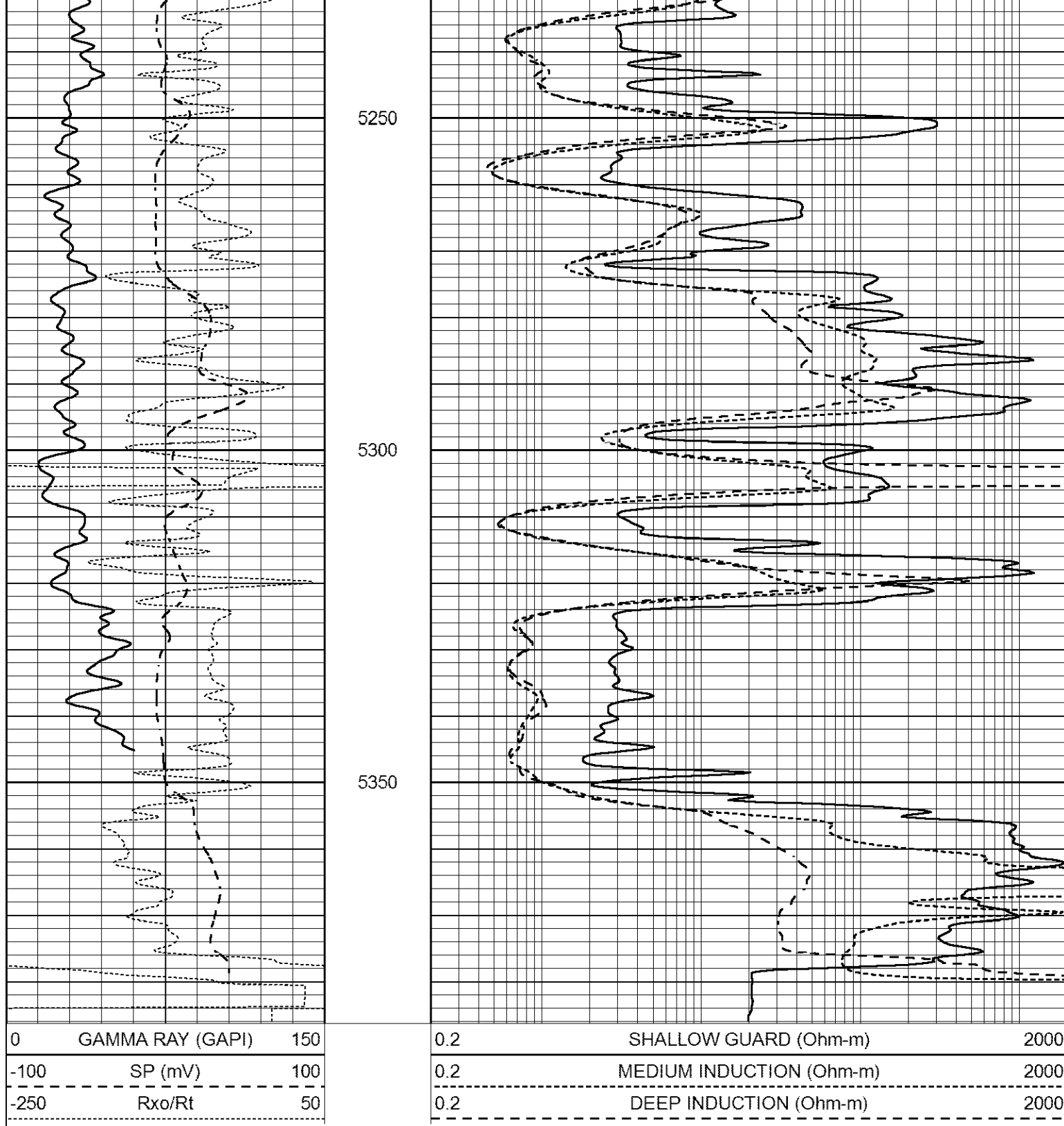
5050

5100

5150

5200





Calibration Report	
Database File	3009pe8.db
Dataset Pathname	pass2.1
Dataset Creation	Sat Oct 13 02:35:22 2018
Dual Induction Calibration Report	
Serial-Model:	FW1410-55-Probe
Surface Cal Performed:	Mon May 22 14:23:32 2017
Downhole Cal Performed:	Thu Mar 12 09:29:20 2015
After Survey Verification Performed:	Thu Mar 12 09:29:20 2015

Surface Calibration	Readings	Reference	Results
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Readings			References			Results		
Loop:	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:	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		
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:		Wed Jun 29 11:10:58 2016						
Calibrator Value:		1.0		GAPI				
Background Reading:		0.0		cps				
Calibrator Reading:		1.0		cps				
Sensitivity:		0.4300		GAPI/cps				