



SUPERIOR
Hays,
Kansas

DUAL
INDUCTION
LOG

Company BECK OIL CORPORATION
Well SPRING CREEK RANCH #1
Field
County NORTON
State KANSAS

Company BECK OIL CORPORATION
Well SPRING CREEK RANCH #1
Field
County NORTON State KANSAS

Location: API # : 15-137-20572
664' FSL & 795' FWL
SEC 12 TWP 3S RGE 22W
Permanent Datum GROUND LEVEL Elevation 2376
Log Measured From KELLY BUSHING 5' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
CDL/CNL
SONIC/MEL
Elevation
K.B. 2381
D.F.
G.L. 2376

Date	7-16-11		
Run Number	ONE		
Depth Driller	4050		
Depth Logger	4050		
Bottom Logged Interval	4048		
Top Log Interval	00		
Casing Driller	262		
Casing Logger	262		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.3 / 44		
pH / Fluid Loss	9.5 / 8.0		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	1.20 @ 90F		
Rmf @ Meas. Temp	0.90 @ 90F		
Rmc @ Meas. Temp	1.44 @ 90F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.650 @ 115F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	6:45 A.M.		
Maximum Recorded Temperature	115F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	RICHARD BELL		

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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: PHILLIPSBURG, W TO RD. #E7, 2S E INTO.



SUPERIOR
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MAIN SECTION

Database File: 007331ddn.db
Dataset Pathname: pass3.1A
Presentation Format: dil2
Dataset Creation: Sat Jul 16 08:43:01 2011 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:600

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

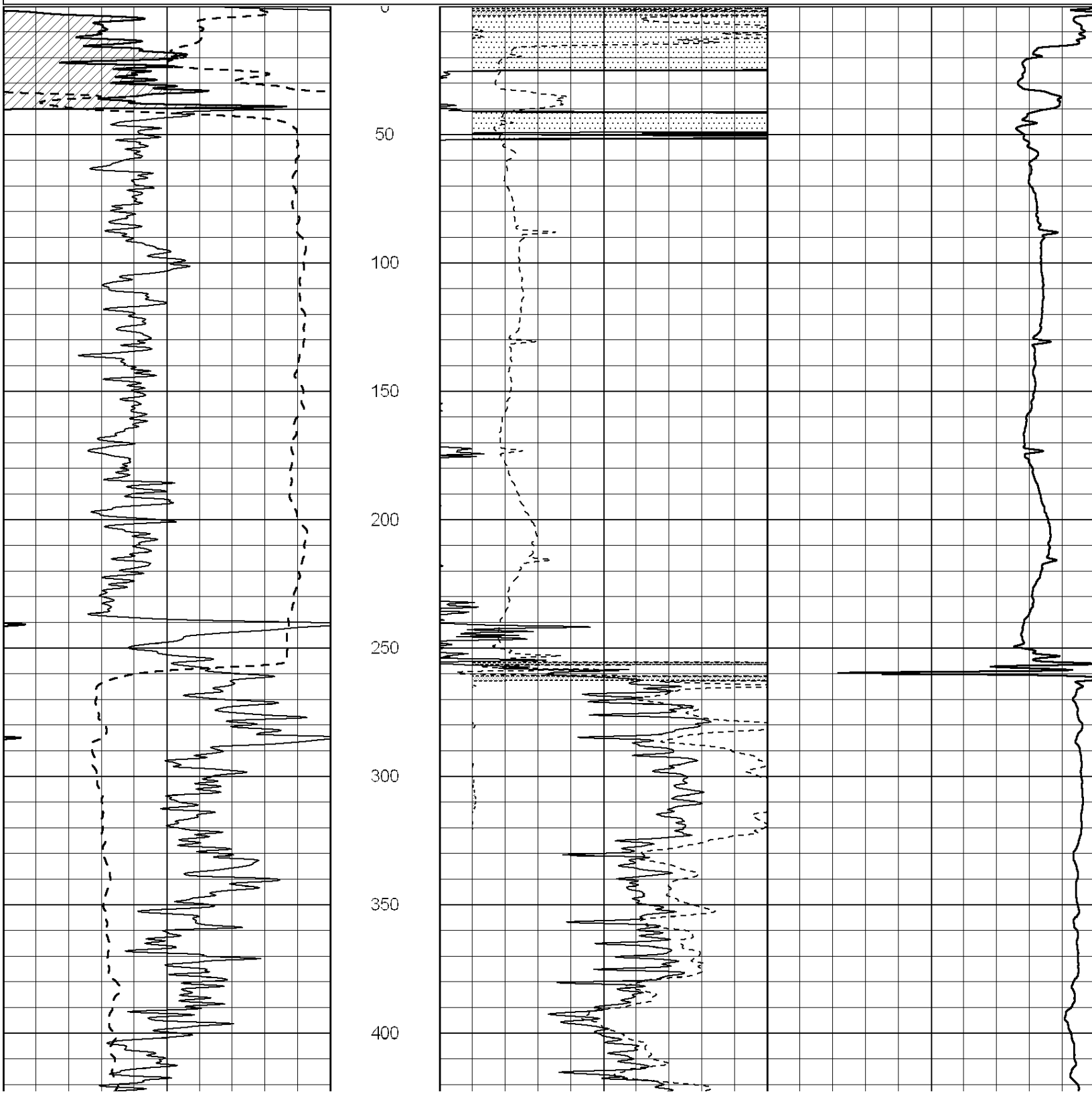
0	RLL3 (Ohm-m)	50
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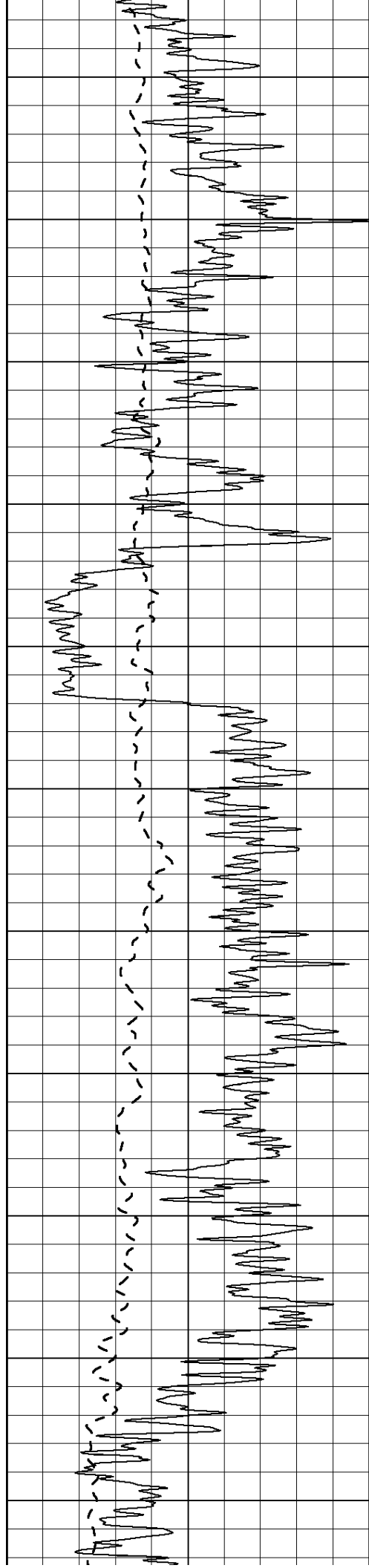
0	Deep Induction (Ohm-m)	50
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1000	CILD (mmho/m)	0
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50	RILD X10 (Ohm-m)	500
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50	RLL3 X10 (Ohm-m)	500
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450

500

550

600

650

700

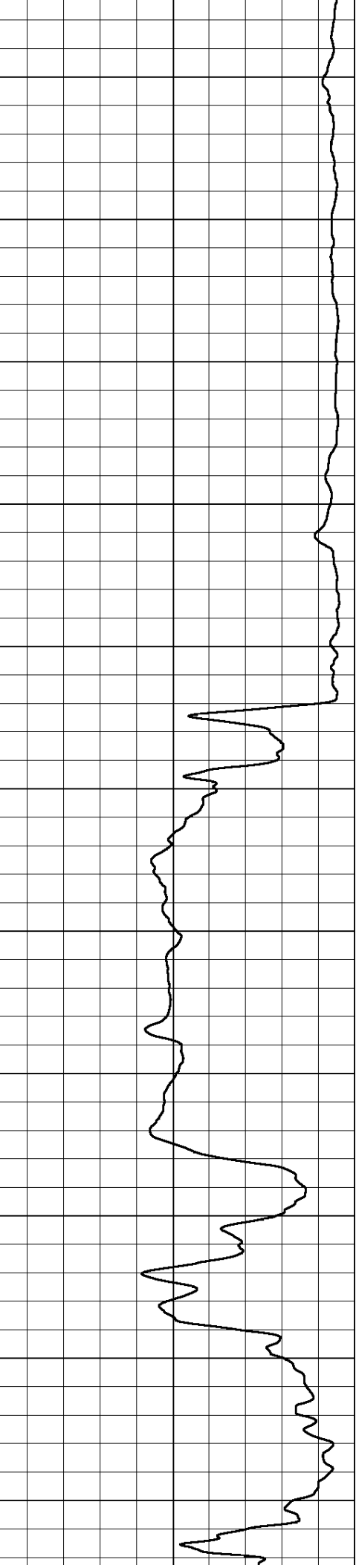
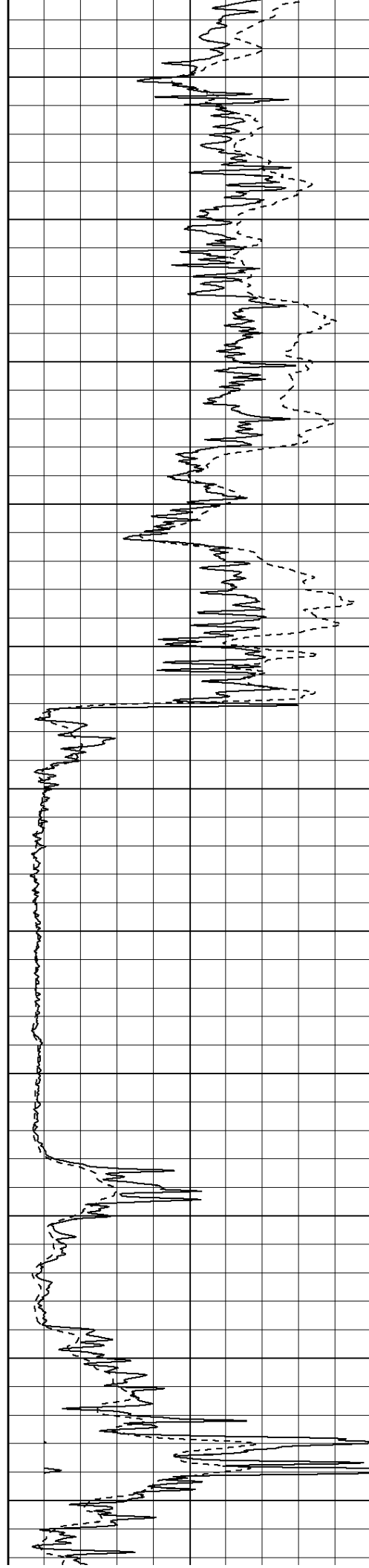
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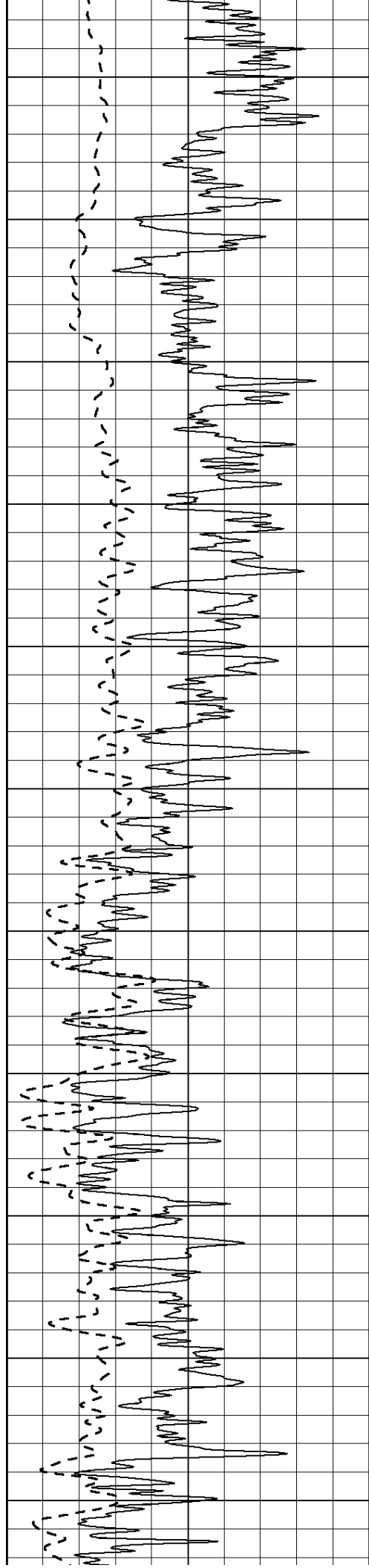
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850

900

950





1000

1050

1100

1150

1200

1250

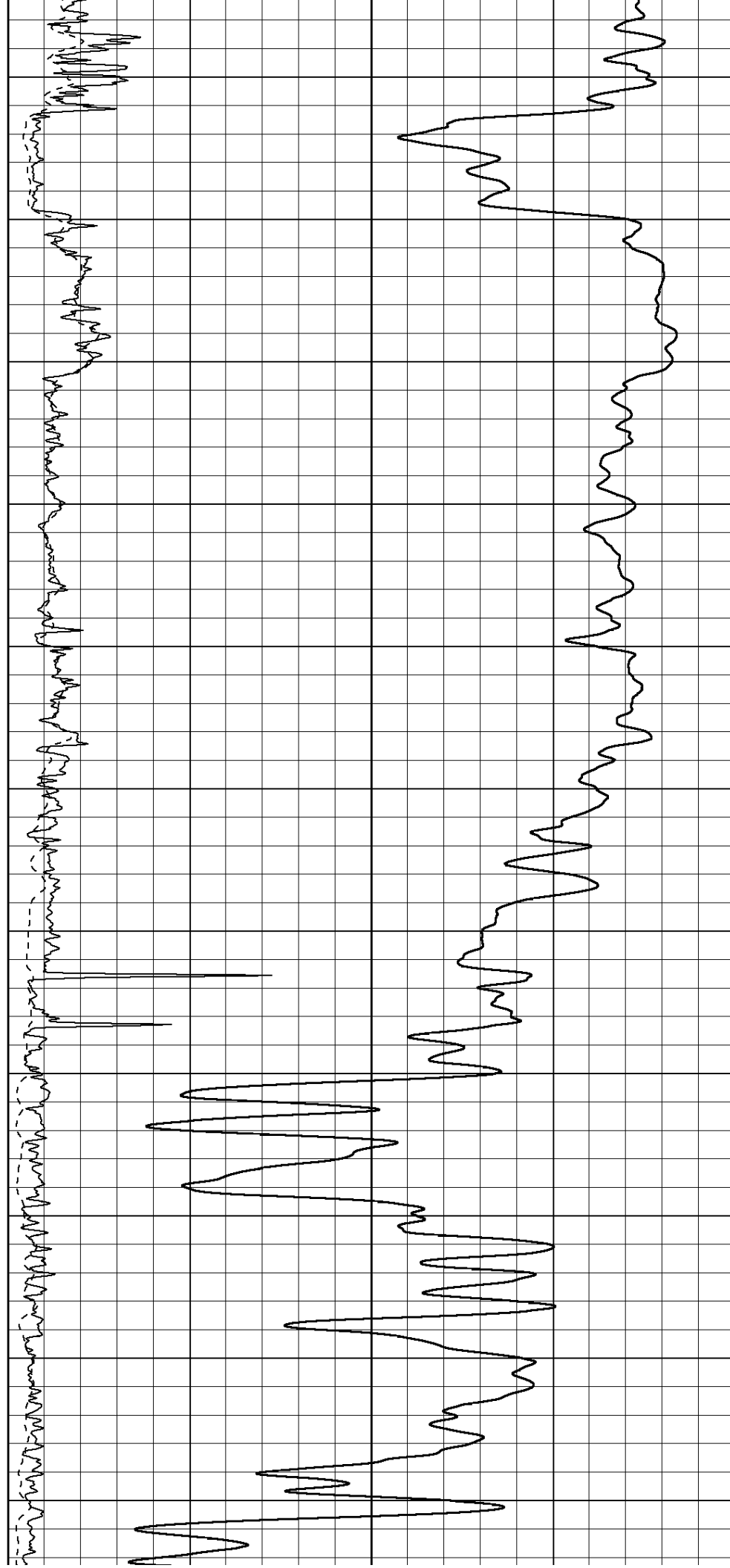
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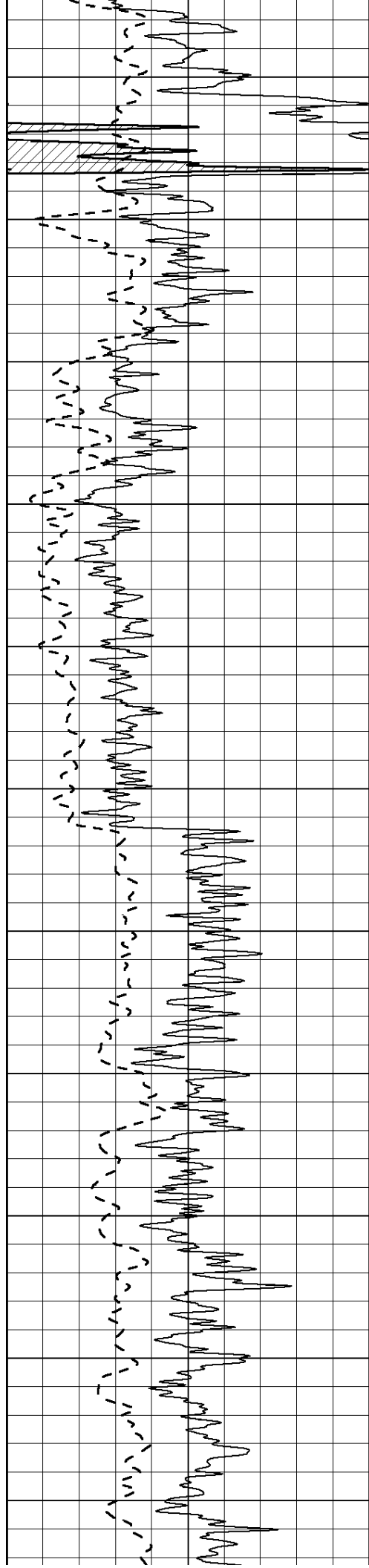
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1400

1450

1500





1550

1600

1650

1700

1750

1800

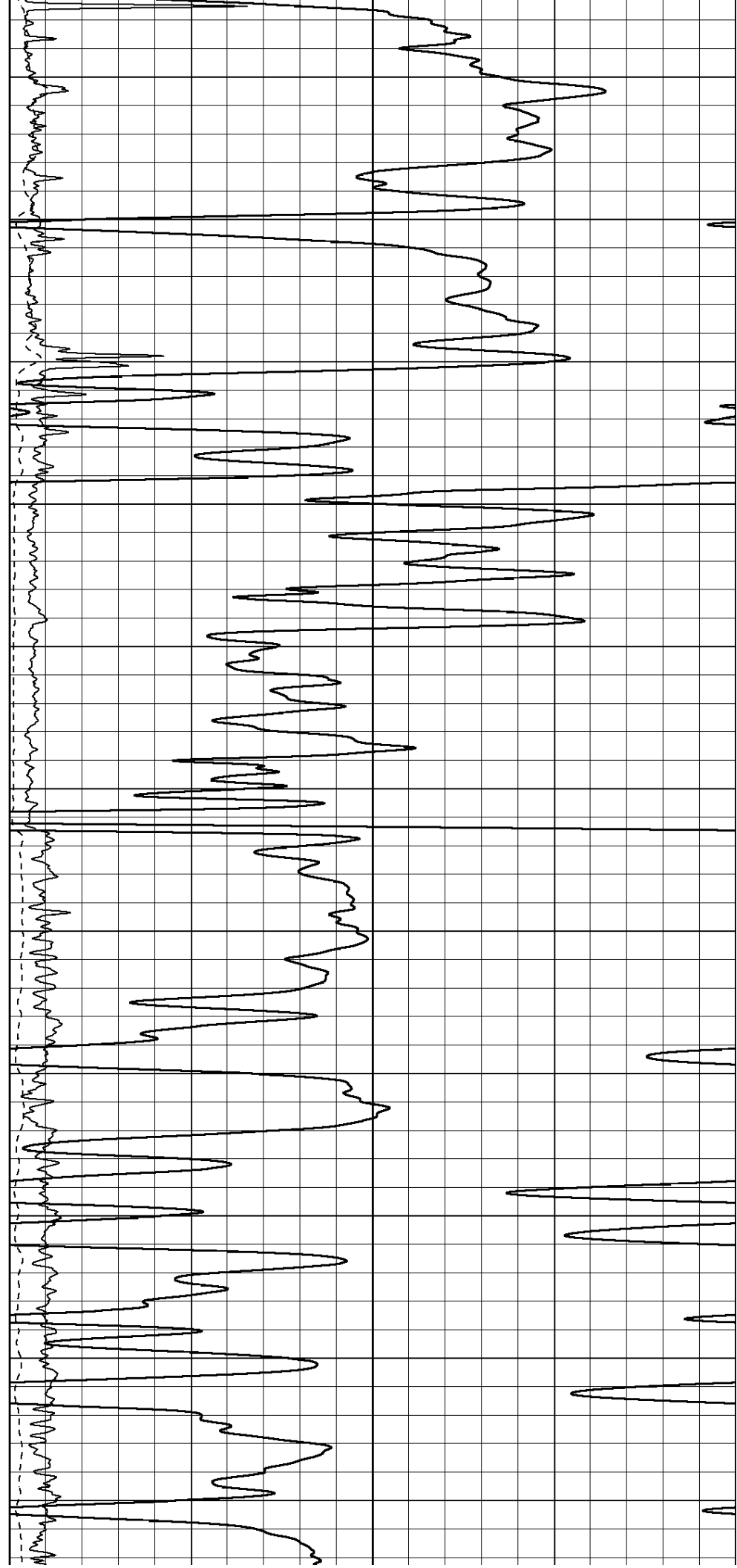
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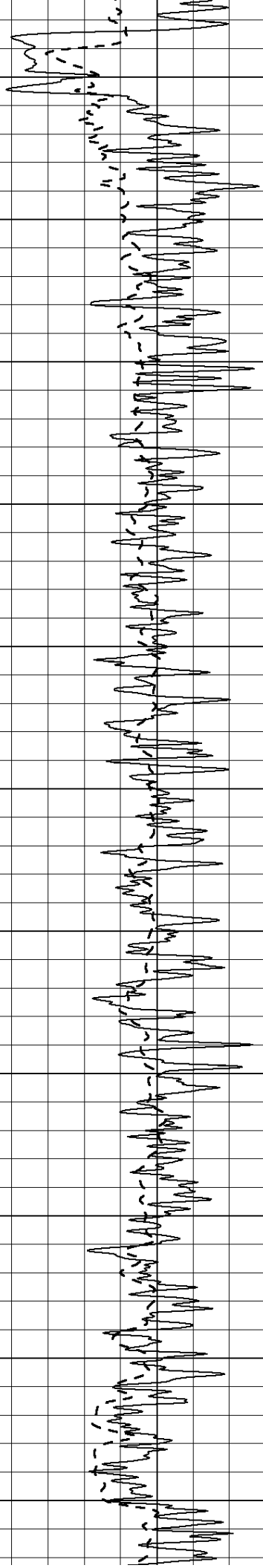
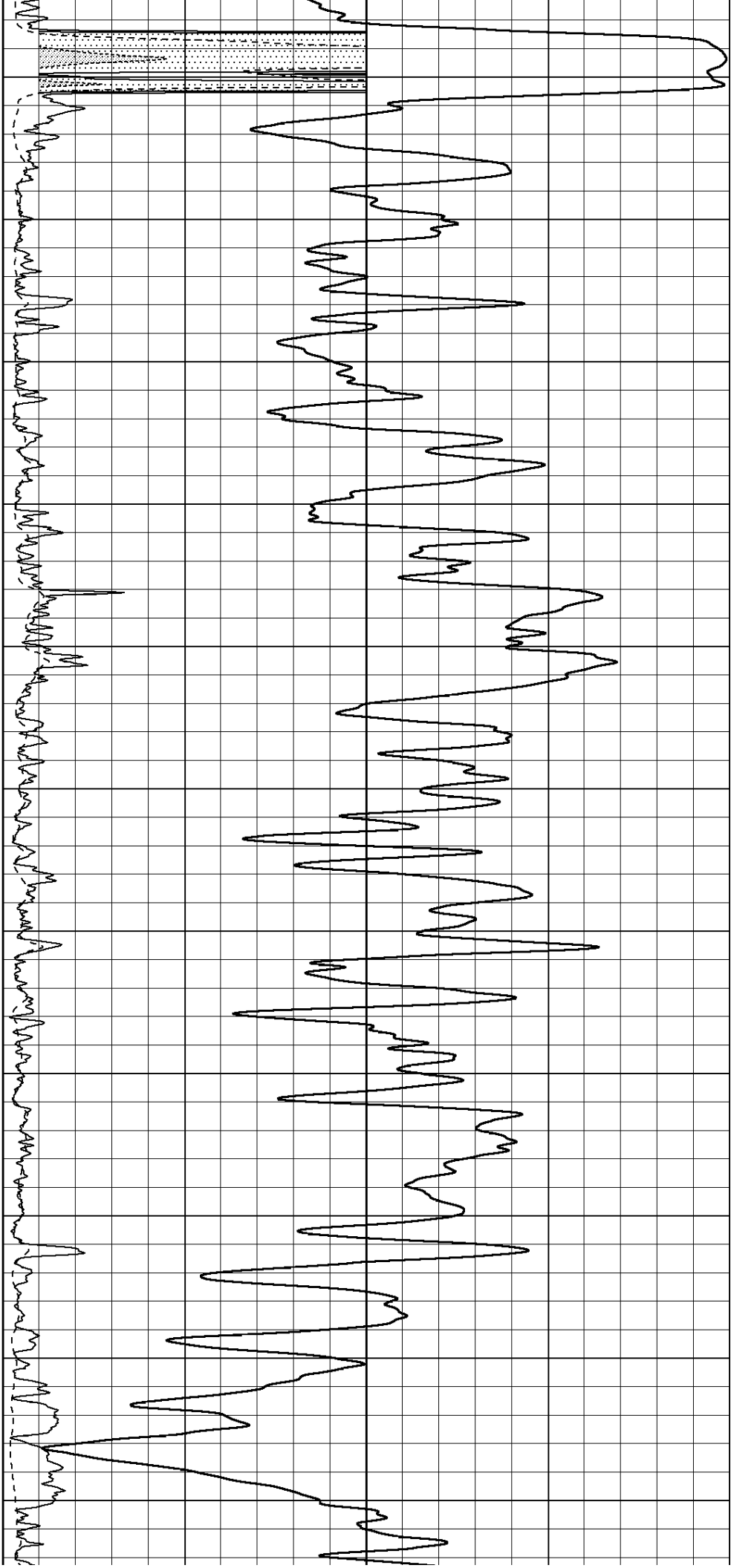
1950

2000

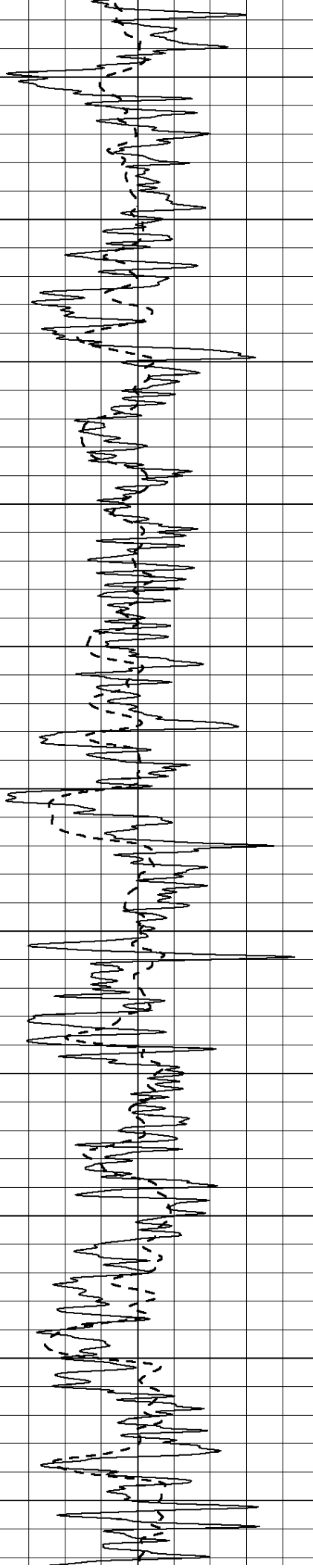
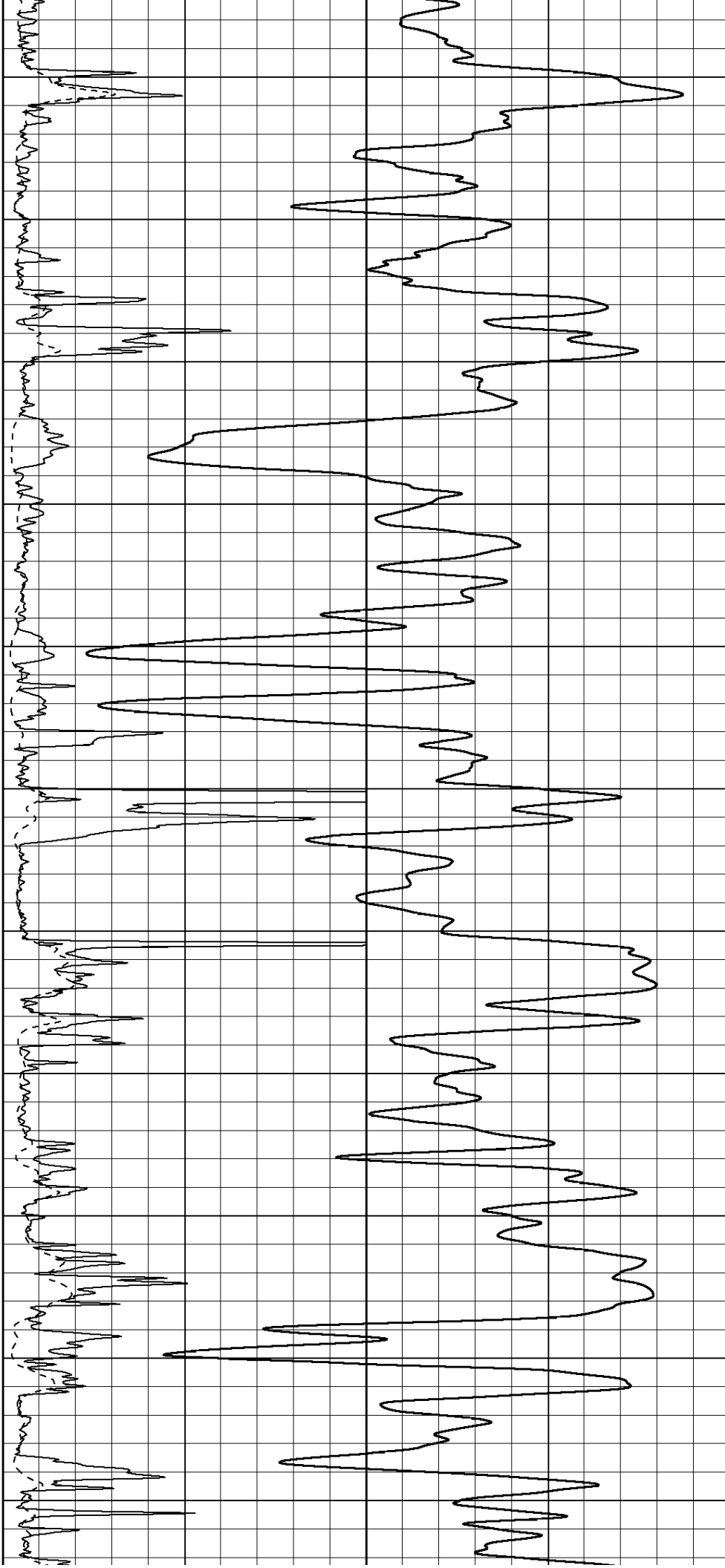
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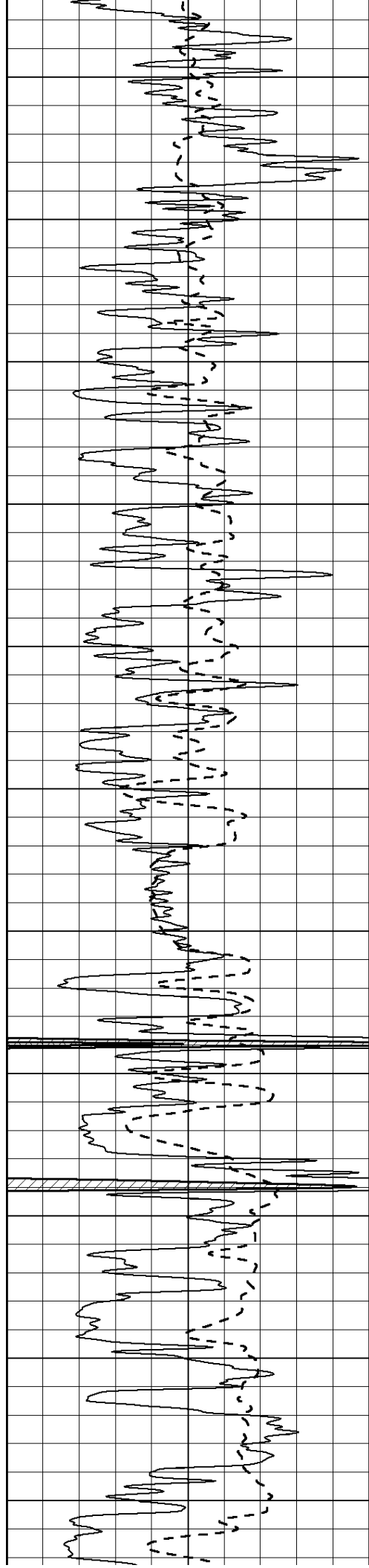


2100
2150
2200
2250
2300
2350
2400
2450
2500
2550
2600



2650 2700 2750 2800 2850 2900 2950 3000 3050 3100 3150





3200

3250

3300

3350

3400

3450

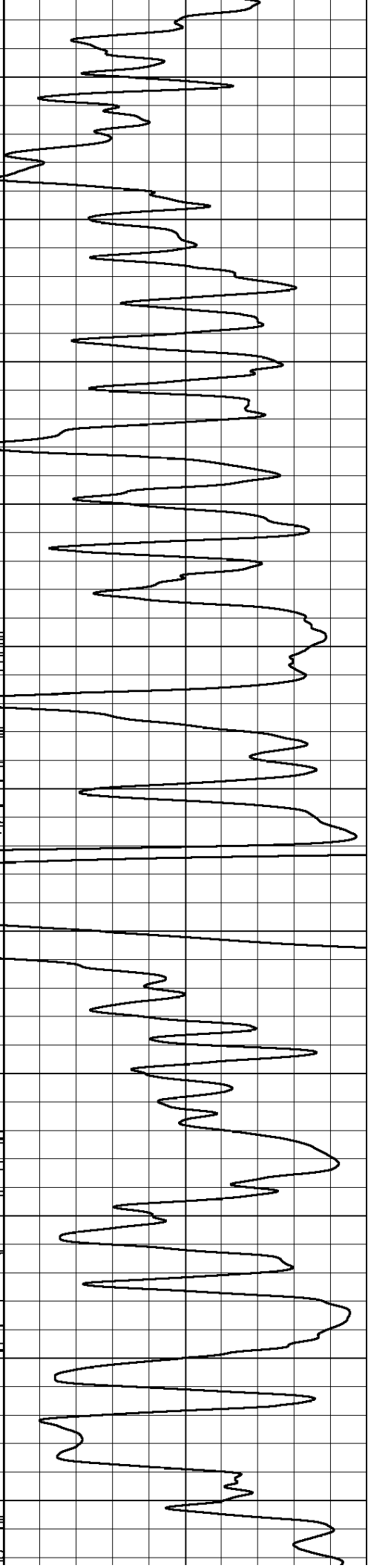
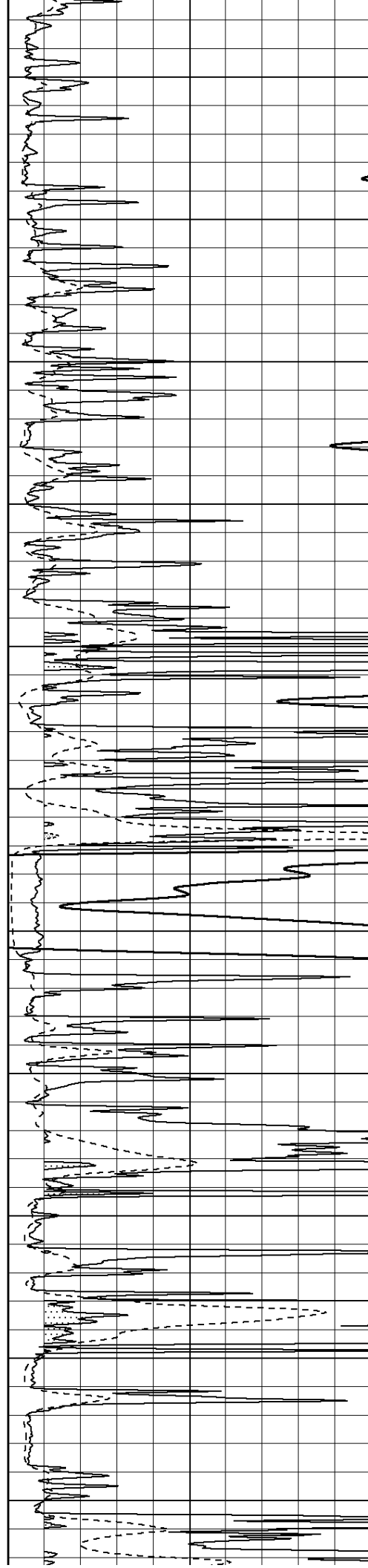
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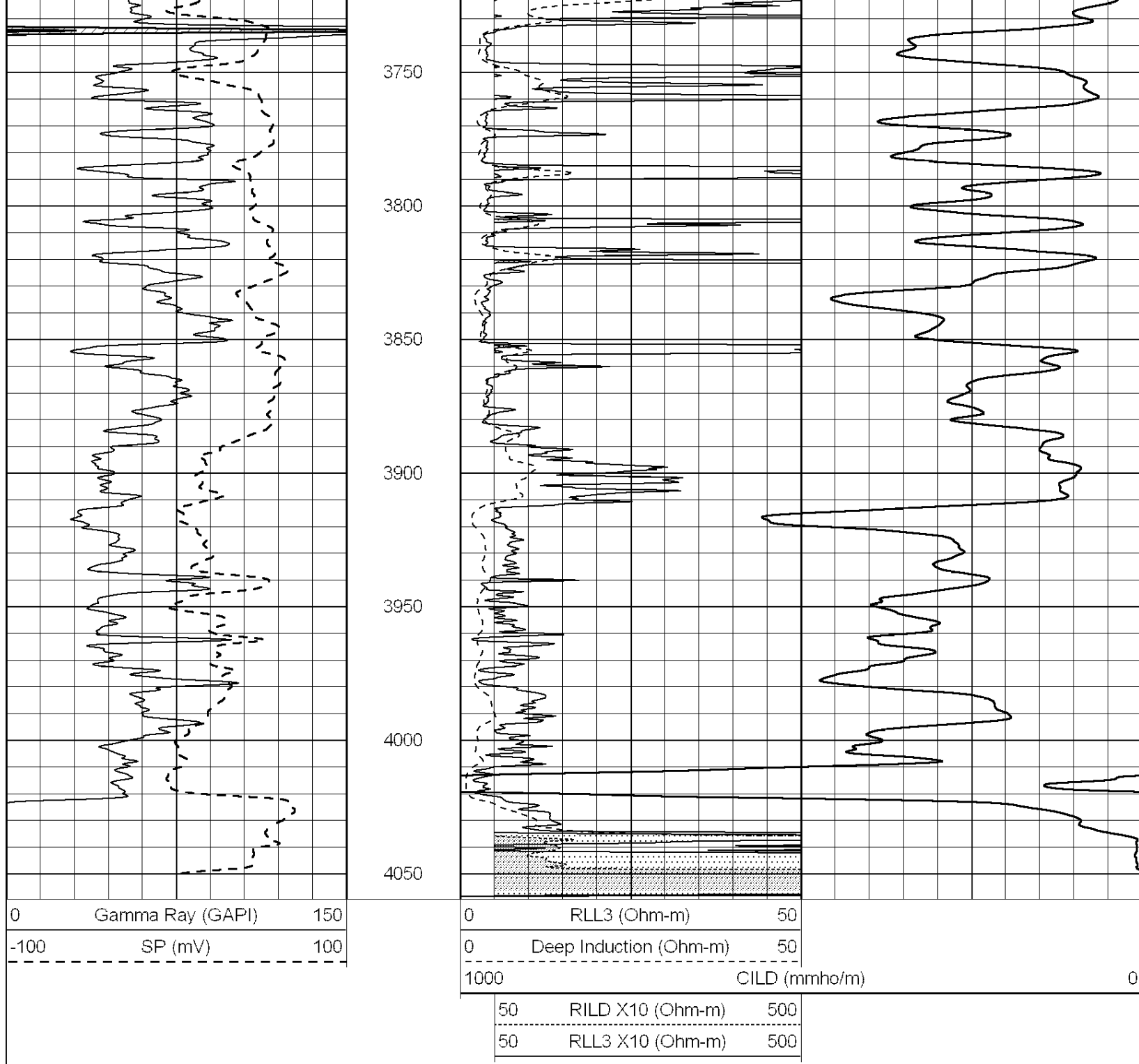
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3600

3650

3700



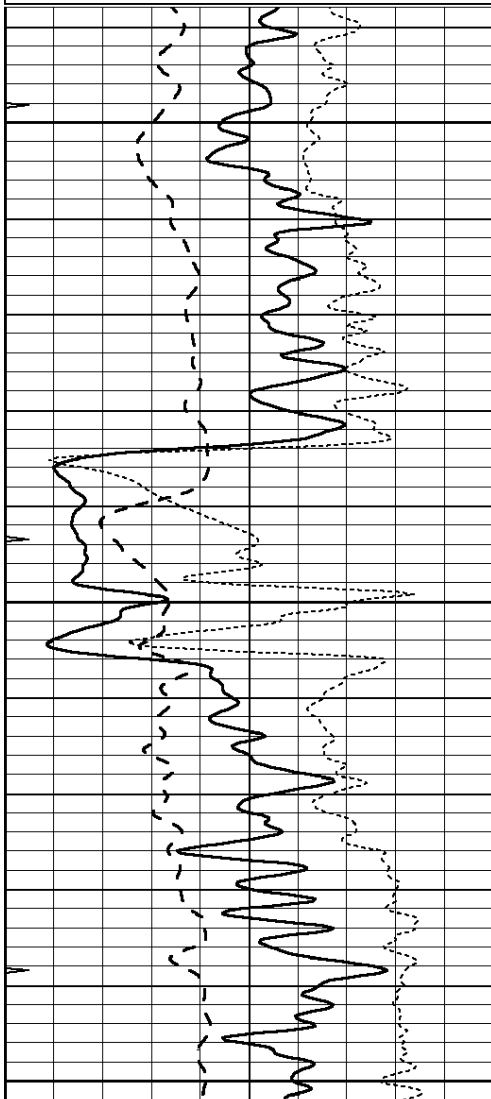


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MAIN SECTION

Database File: 007331ddn.db
 Dataset Pathname: pass3.1A
 Presentation Format: dil
 Dataset Creation: Sat Jul 16 08:43:01 2011 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

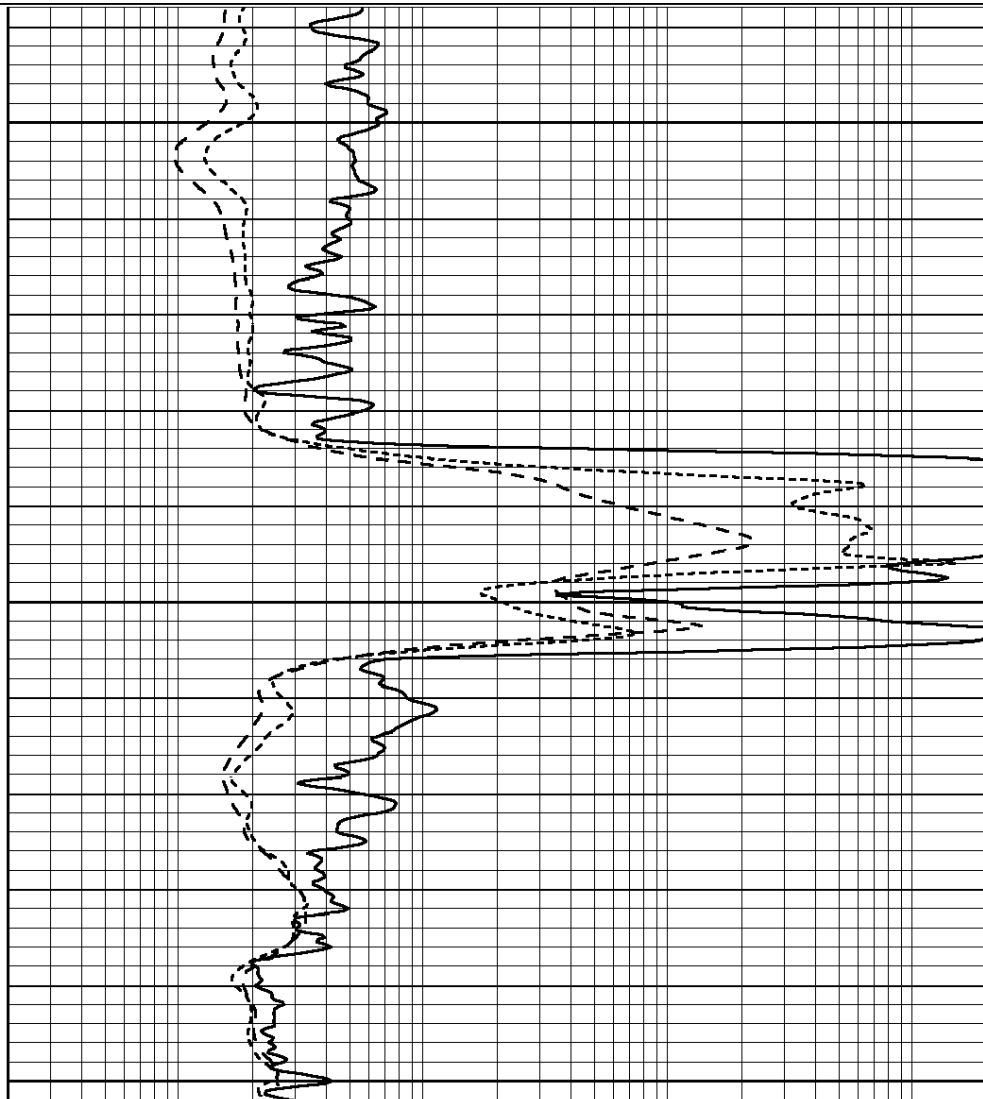


0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	RxoRt	50
0	MINMK	20

2050

2100

2150



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



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MAIN SECTION

Database File:

007331ddn.db

Dataset Pathname:

pass3.1A

Presentation Format:

dil

Dataset Creation:

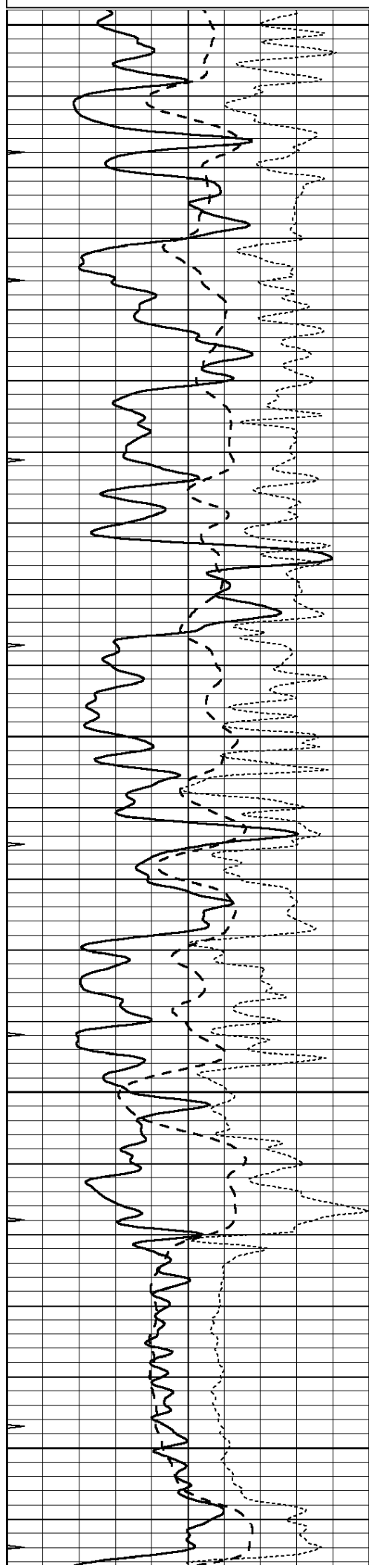
Sat Jul 16 08:43:01 2011 by Calc Open-Cased 090629

Charted by:

Depth in Feet scaled 1:240

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



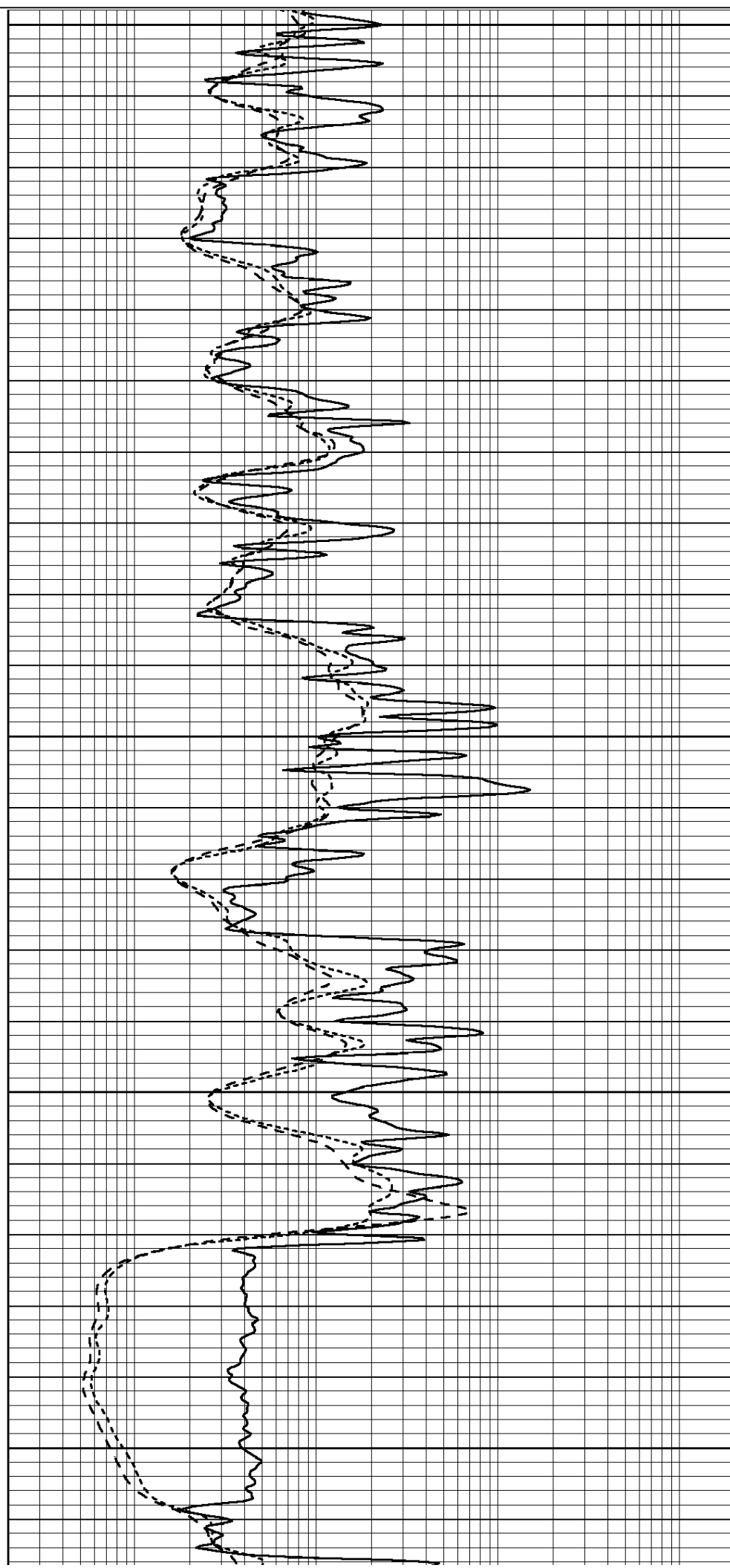
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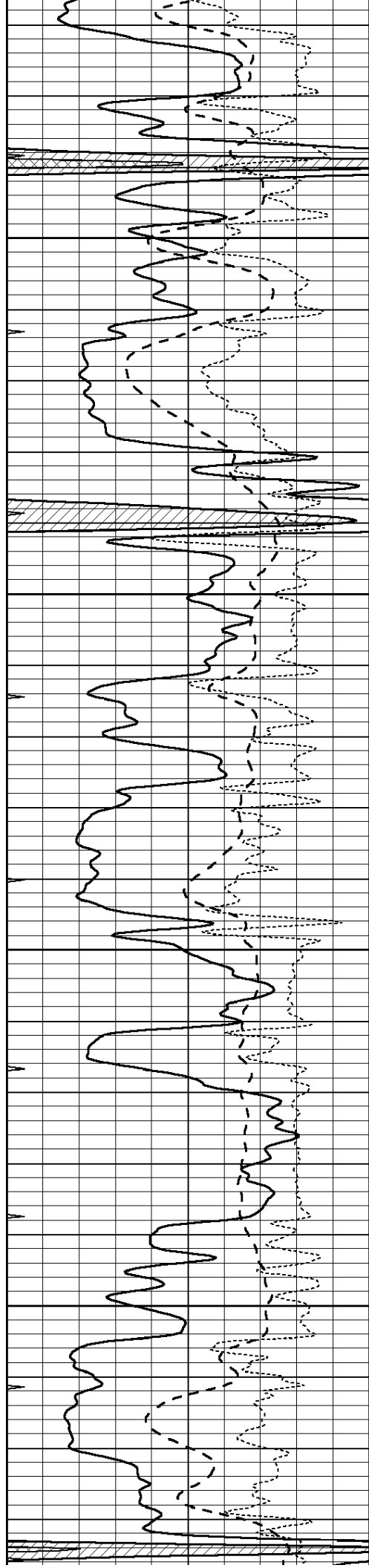
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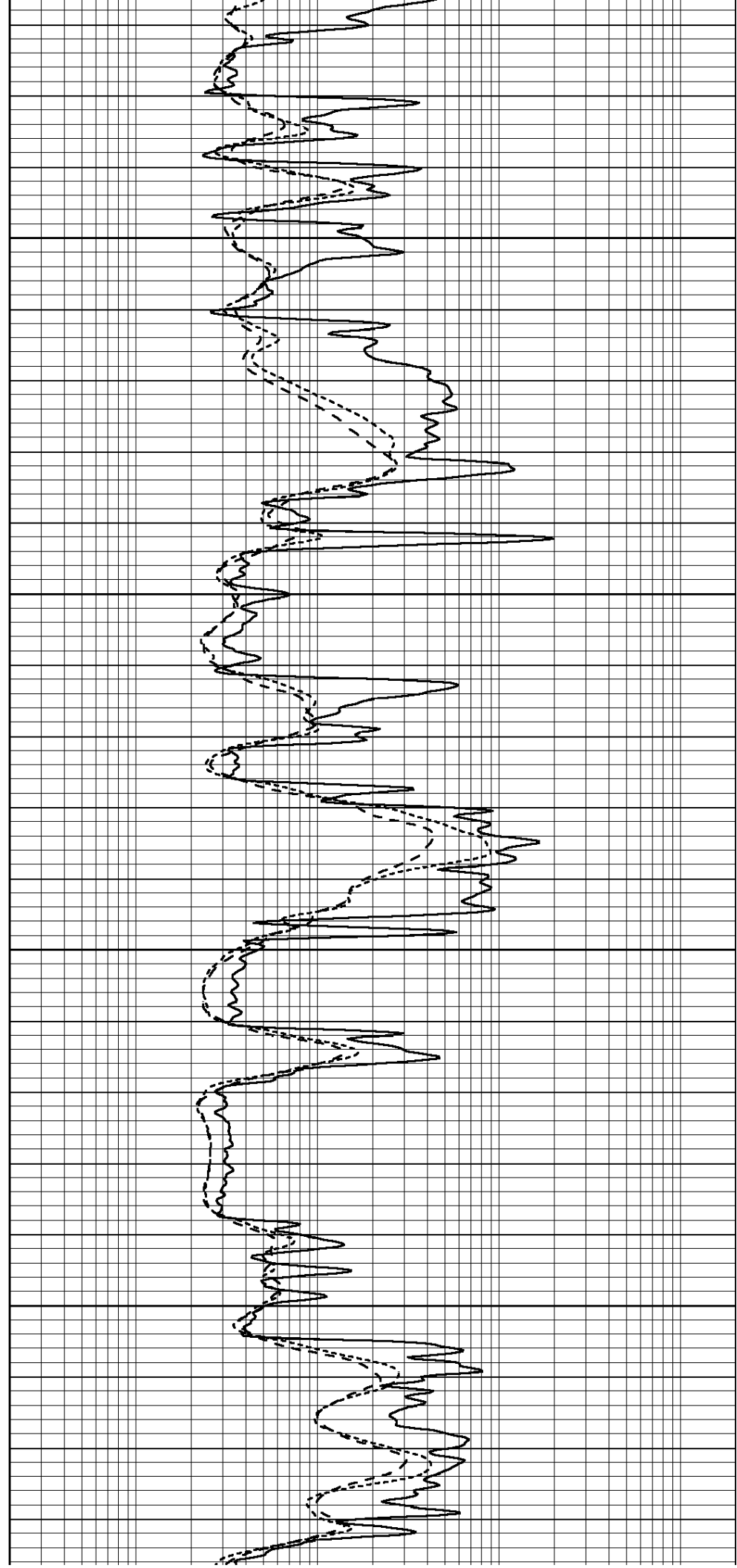


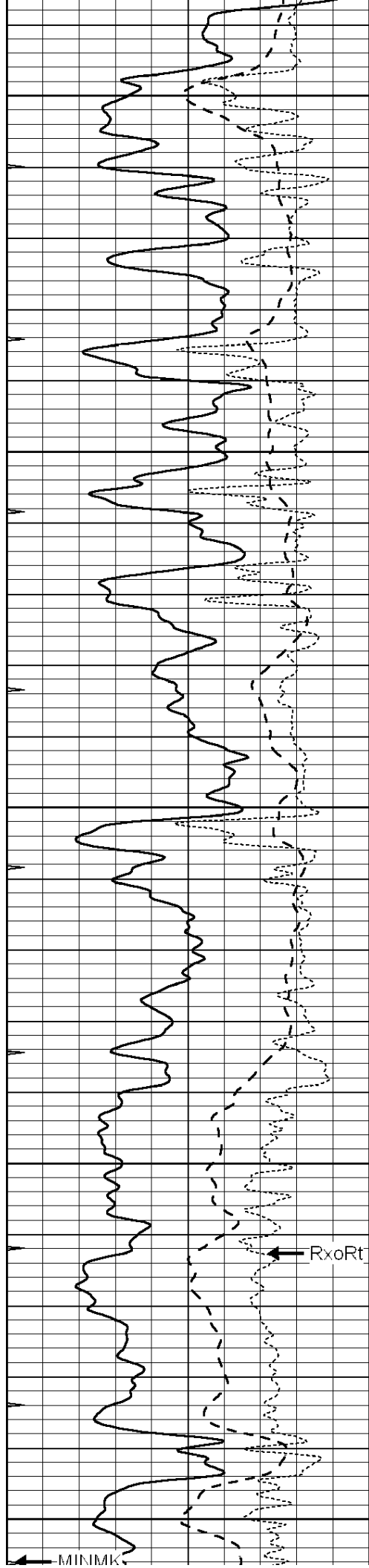
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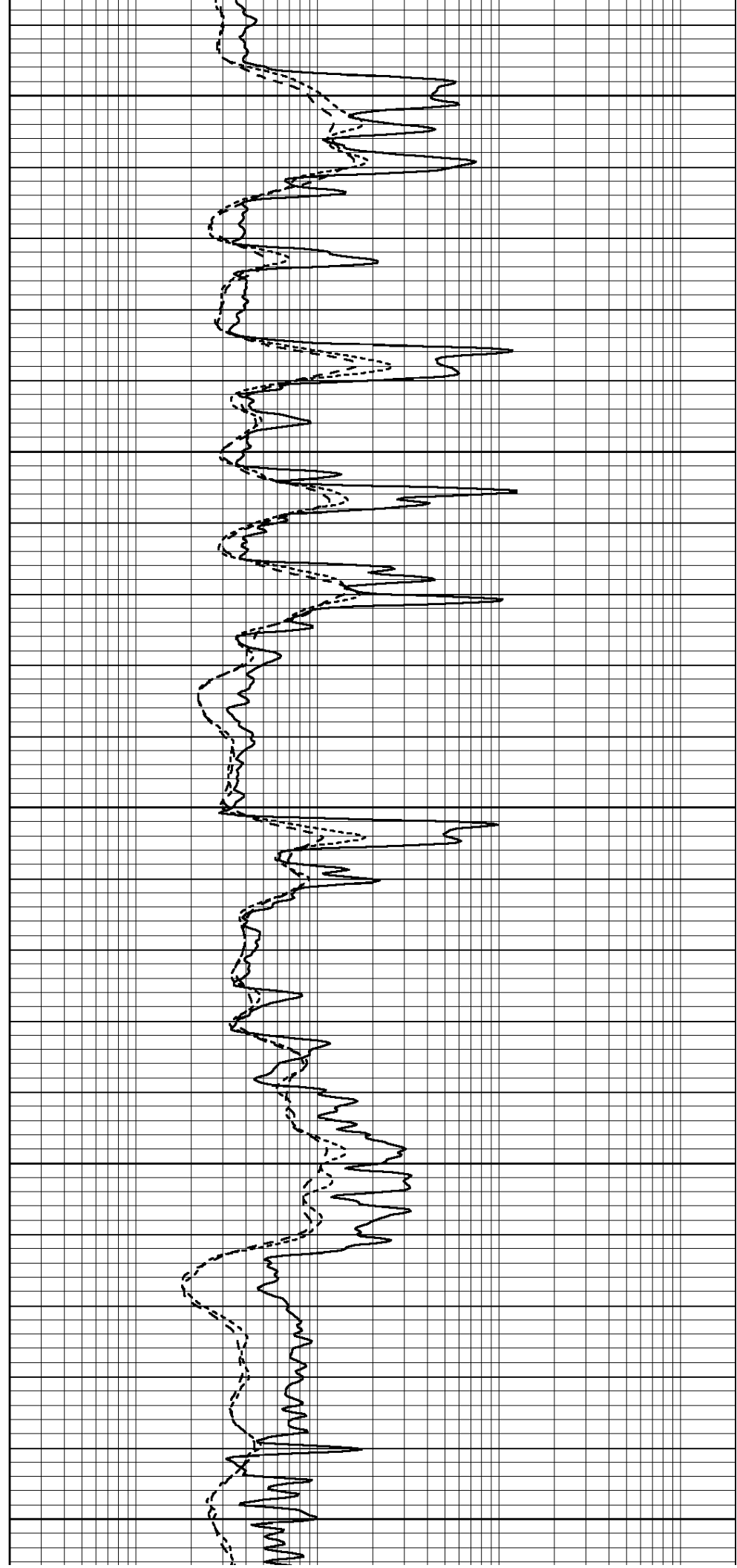
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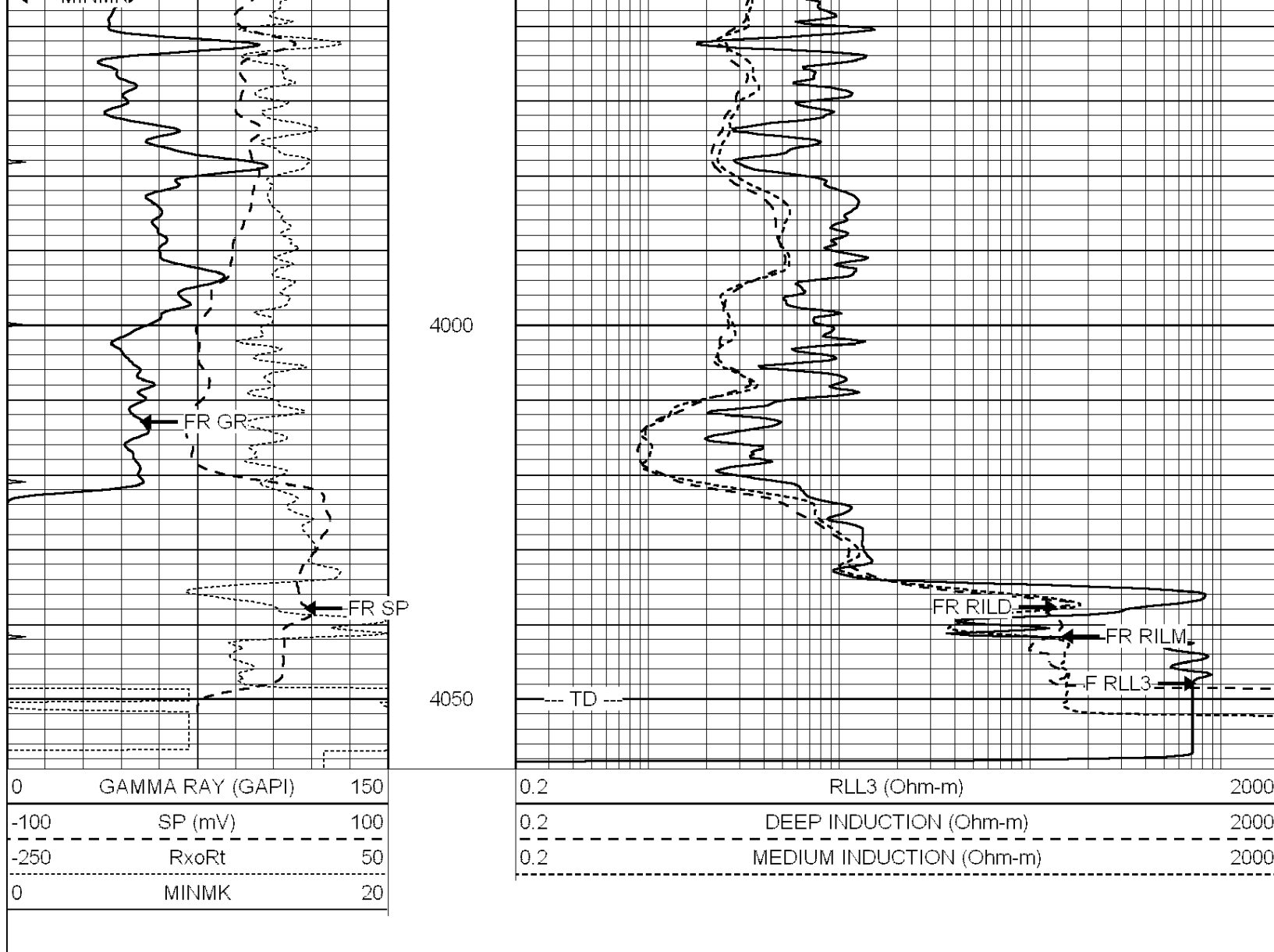
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3850

3900

3950



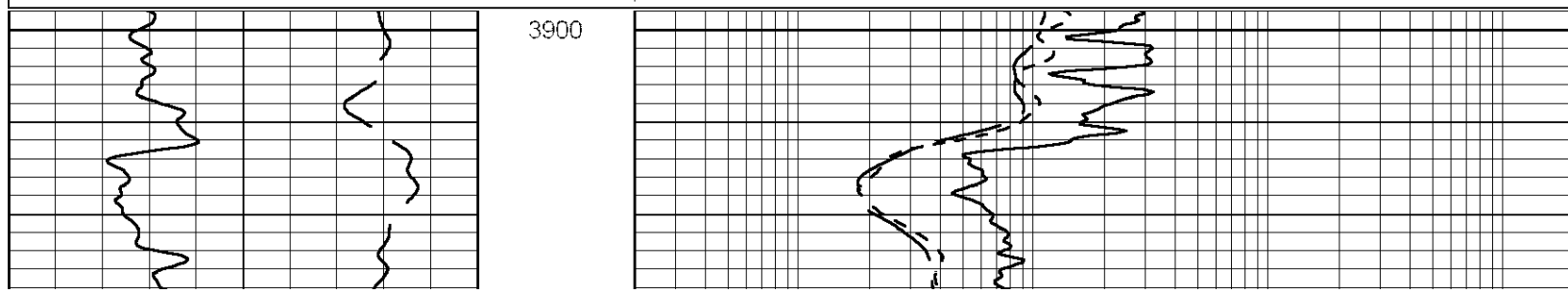


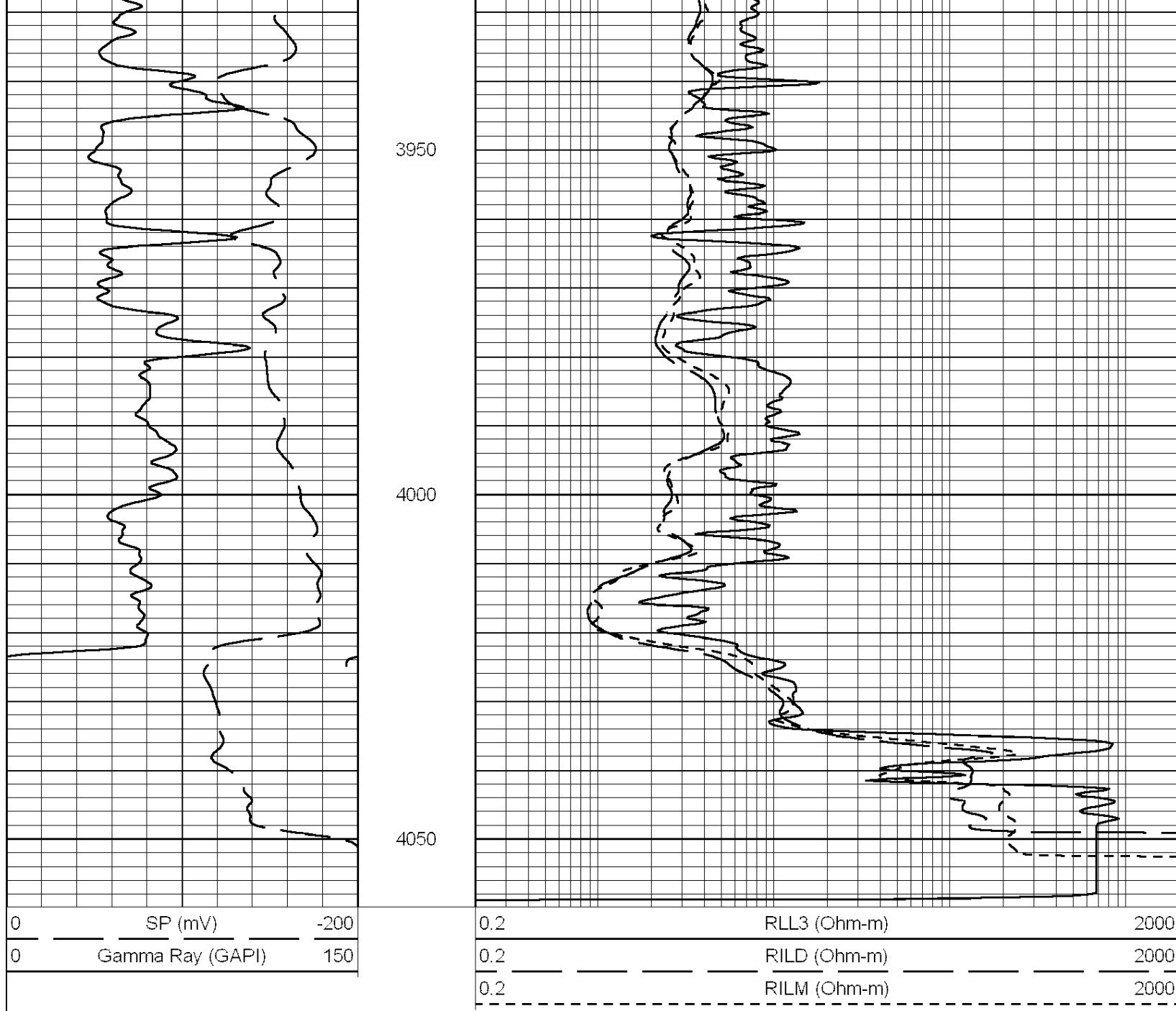
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REPEAT SECTION

Database File: 007331ddn.db
 Dataset Pathname: pass2.1
 Presentation Format: dilgr
 Dataset Creation: Sat Jul 16 07:03:00 2011 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

0	SP (mV)	-200	0.2	RLL3 (Ohm-m)	2000
0	Gamma Ray (GAPI)	150	0.2	RILD (Ohm-m)	2000
			0.2	RILM (Ohm-m)	2000





Calibration Report

Database File: 007331ddn.db
Dataset Pathname: pass3.1A
Dataset Creation: Sat Jul 16 08:43:01 2011 by Calc Open-Cased 090629

Dual Induction Calibration Report

Serial-Model: DIL5-GEAR
Performed: Sat Jul 16 06:39:44 2011

Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.004	0.654	V	0.000	400.000	mmho/m	540.000	-20.000
Medium	-0.005	0.737	V	0.000	462.500	mmho/m	560.000	-10.000
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

Compensated Density Calibration Report

Serial-Model: GEAR1-GEARHART
 Source / Verifier: 147 / 147
 Master Calibration Performed: Sat Jul 16 06:39:27 2011

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.710	g/cc	1243.76	629.14	cps
Aluminum	2.580	g/cc	282.16	435.01	cps
Spine Angle = 76.03			Density/Spine Ratio = 0.569		
	Size		Reading		
Small Ring	9.00	in	3.82	V	
Large Ring	14.20	in	6.37	V	

Compensated Neutron Calibration Report

Serial Number: NUE_2I
 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: Sat Jul 16 06:38:52 2011

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps

Sensitivity: 0.6500 GAPI/cps