



SUPERIOR
Hays,
Kansas

DUAL
INDUCTION
LOG

Company BRINKER ENTERPRISES, LLC.
Well STICE #12-1
Field WILDCAT
County ROOKS
State KANSAS

Company BRINKER ENTERPRISES, LLC.
Well STICE #12-1
Field WILDCAT
County ROOKS State KANSAS

Location: API #: 15-163-23856
880' FNL & 1325' FEL
SEC 12 TWP 7S RGE 20W
Permanent Datum GROUND LEVEL Elevation 2090'
Log Measured From KELLY BUSHING 5' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
CDL/CNL
MICRO
Elevation
K.B. 2095'
D.F.
G.L. 2090'

Date	3-10-10		
Run Number	ONE		
Depth Driller	3651		
Depth Logger	3652		
Bottom Logged Interval	3650		
Top Log Interval	00		
Casing Driller	236		
Casing Logger	236		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.2 / 55		
pH / Fluid Loss	9.5 / 8.0		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	1.50 @ 76F		
Rinf @ Meas. Temp	1.13 @ 76F		
Rmc @ Meas. Temp	1.80 @ 76F		
Source of Rinf / Rmc	MEASURED		
Rim @ BHT	1.03 @ 111F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	9:00 A.M.		
Maximum Recorded Temperature	111F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	MARK TORR		

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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: STOCKTON STOP LIGHT, 8W TO RD. #258, 1N, 5W, 2N, 3/4E, S INTO.



SUPERIOR
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MAIN SECTION

Database File: 004610ddn.db
Dataset Pathname: pass3.1
Presentation Format: dil2
Dataset Creation: Wed Mar 10 10:43:02 2010 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:600

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

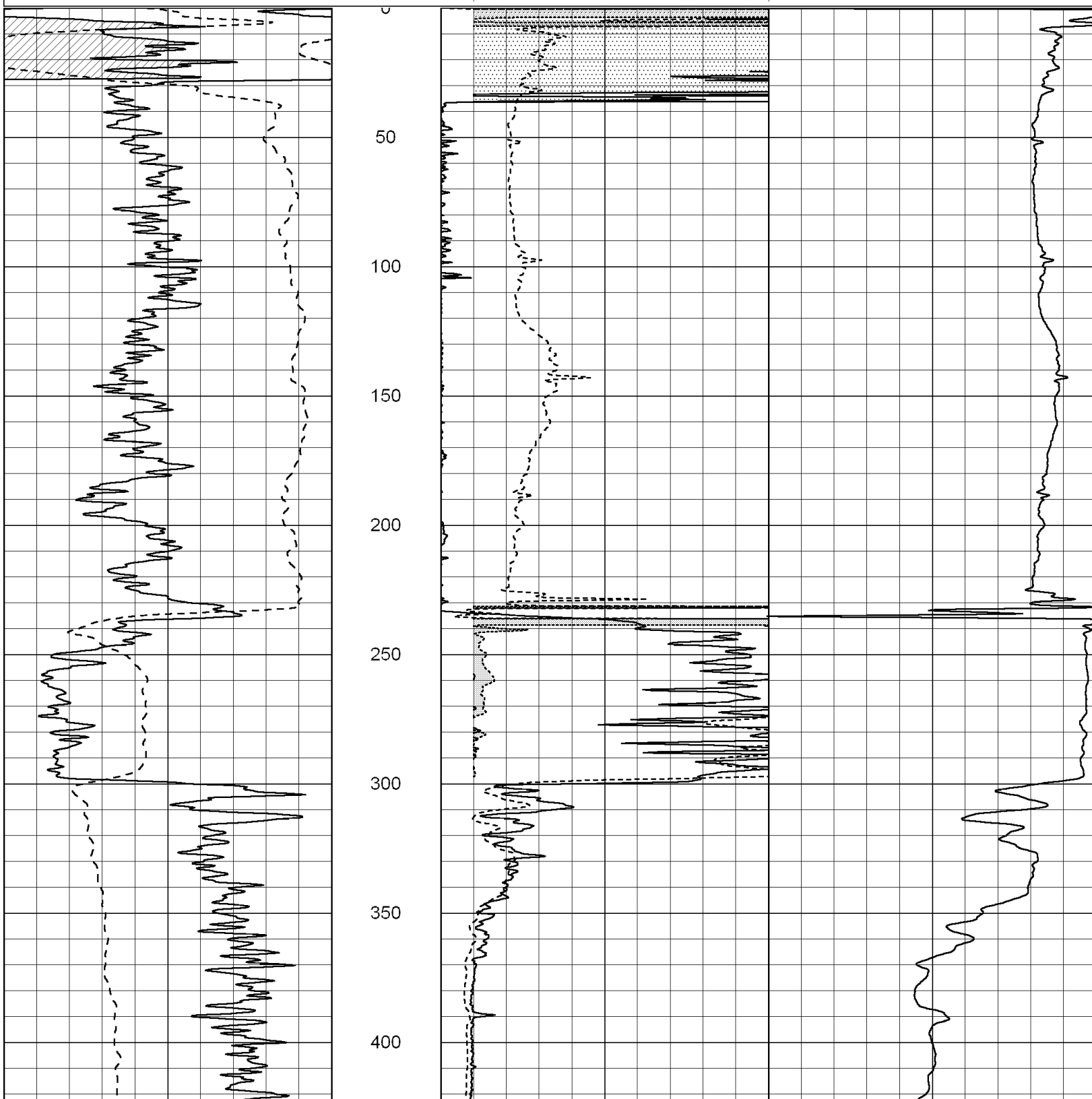
0	RLL3 (Ohm-m)	50
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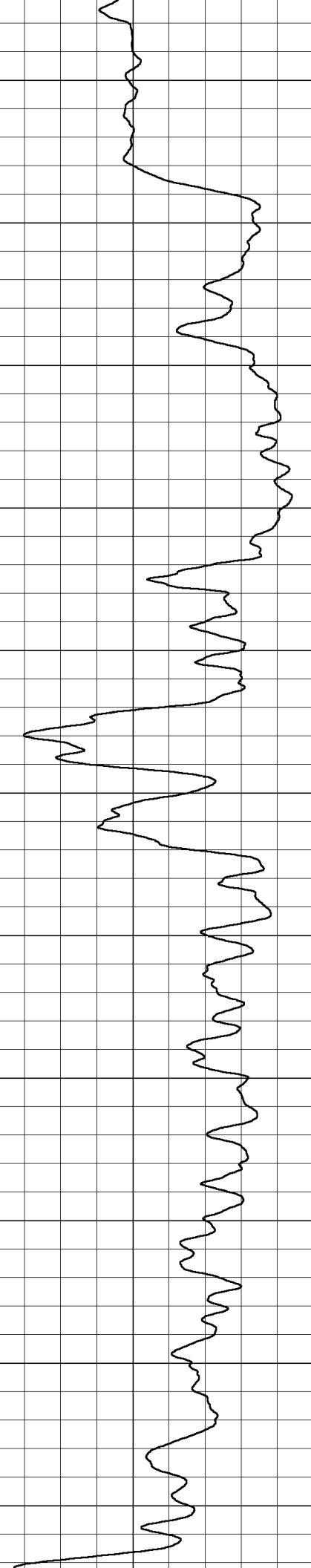
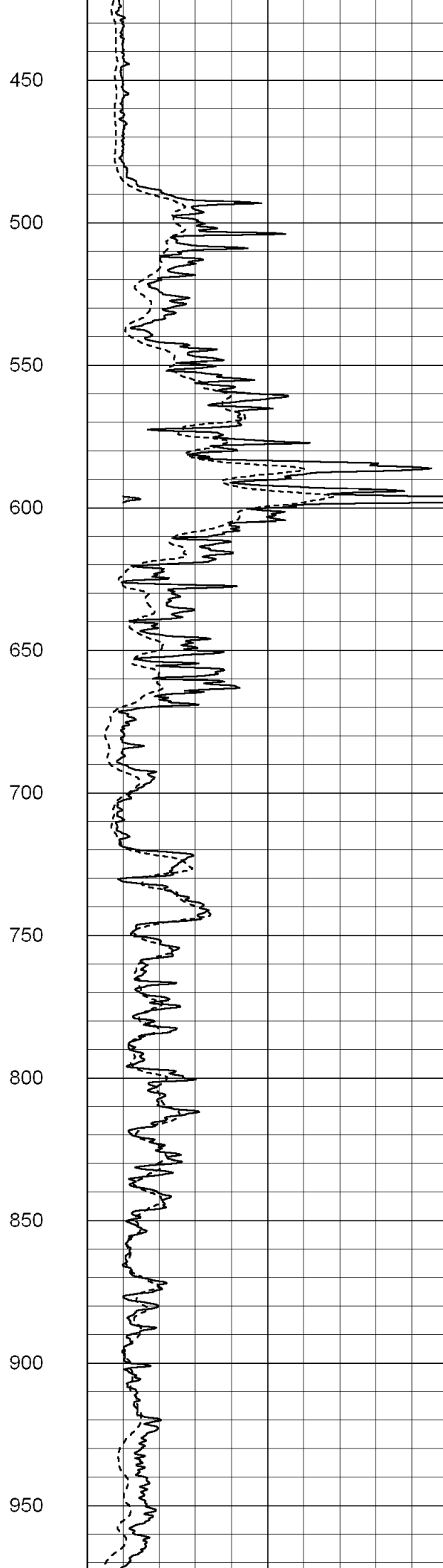
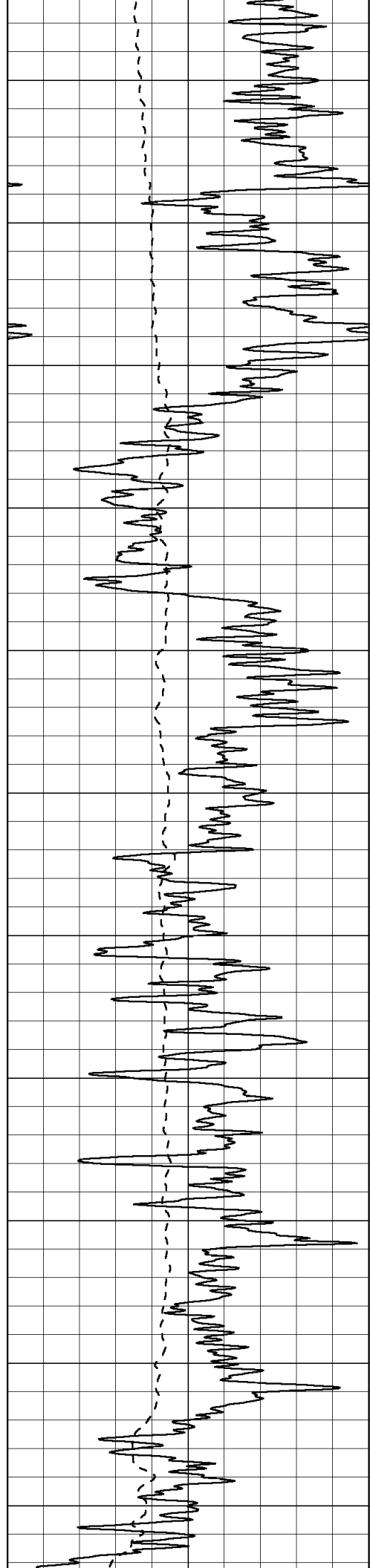
0	Deep Induction (Ohm-m)	50
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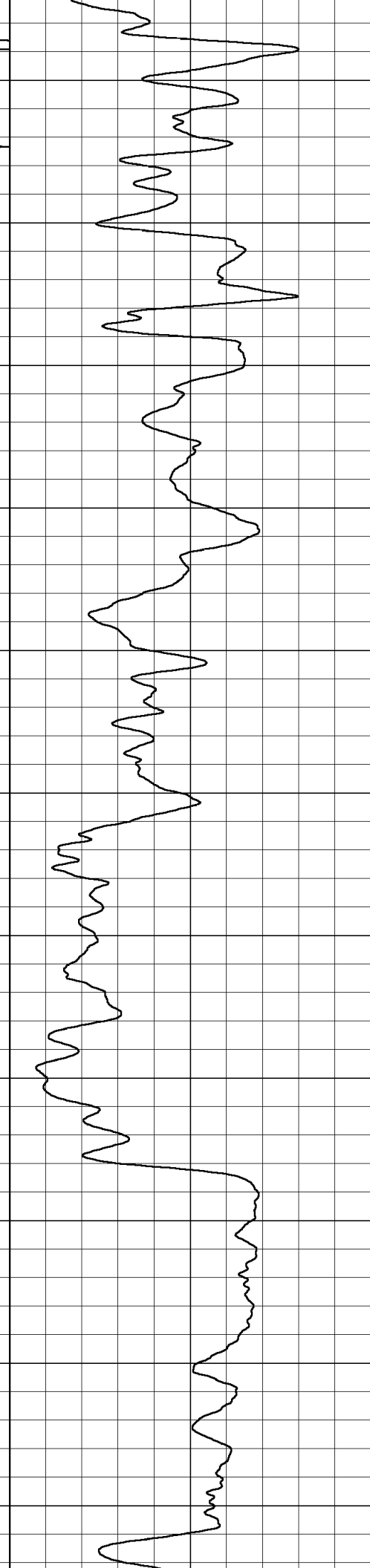
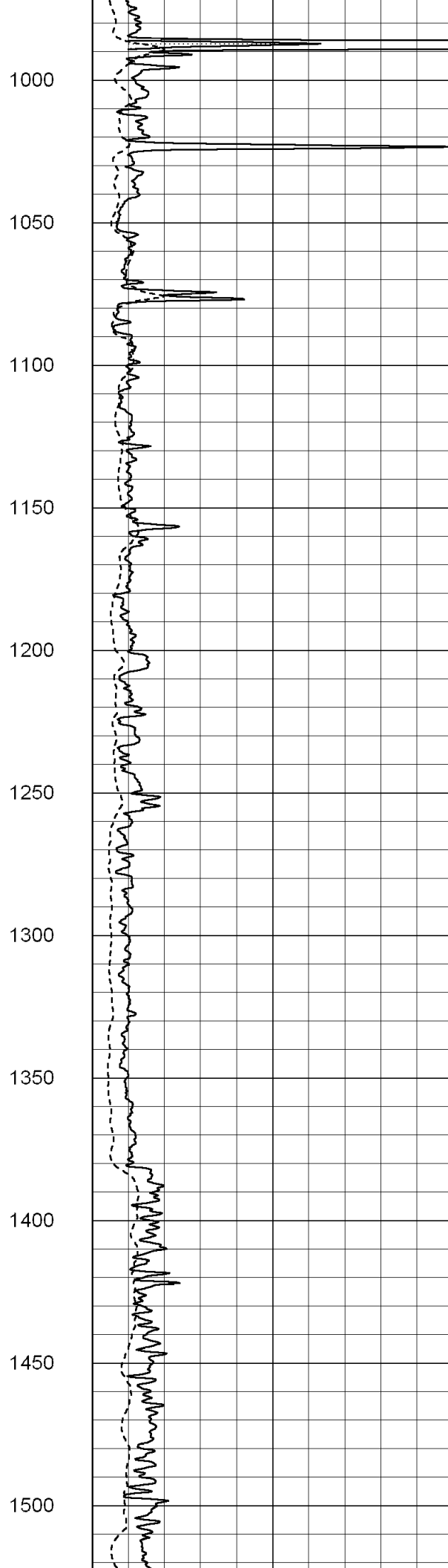
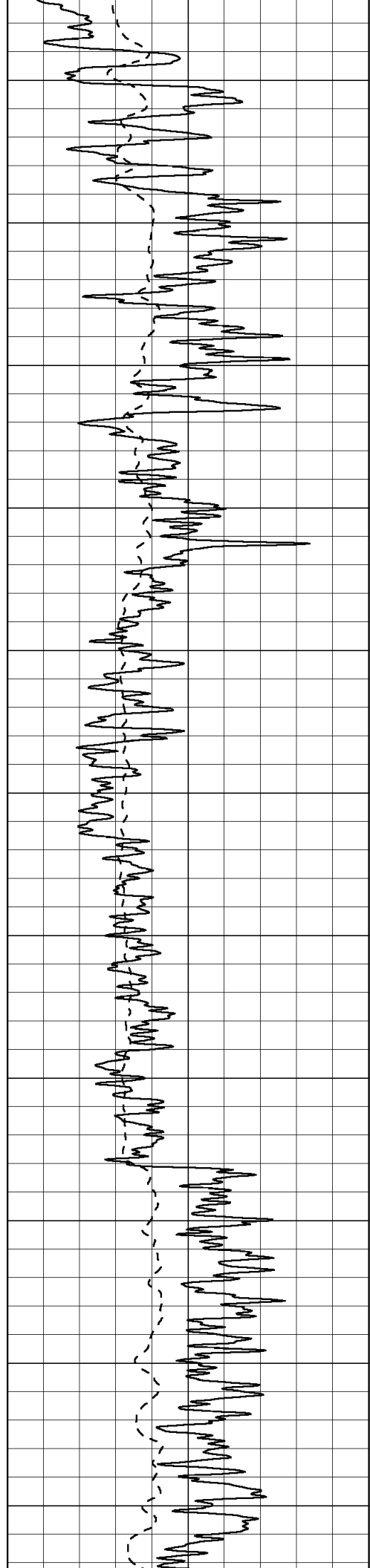
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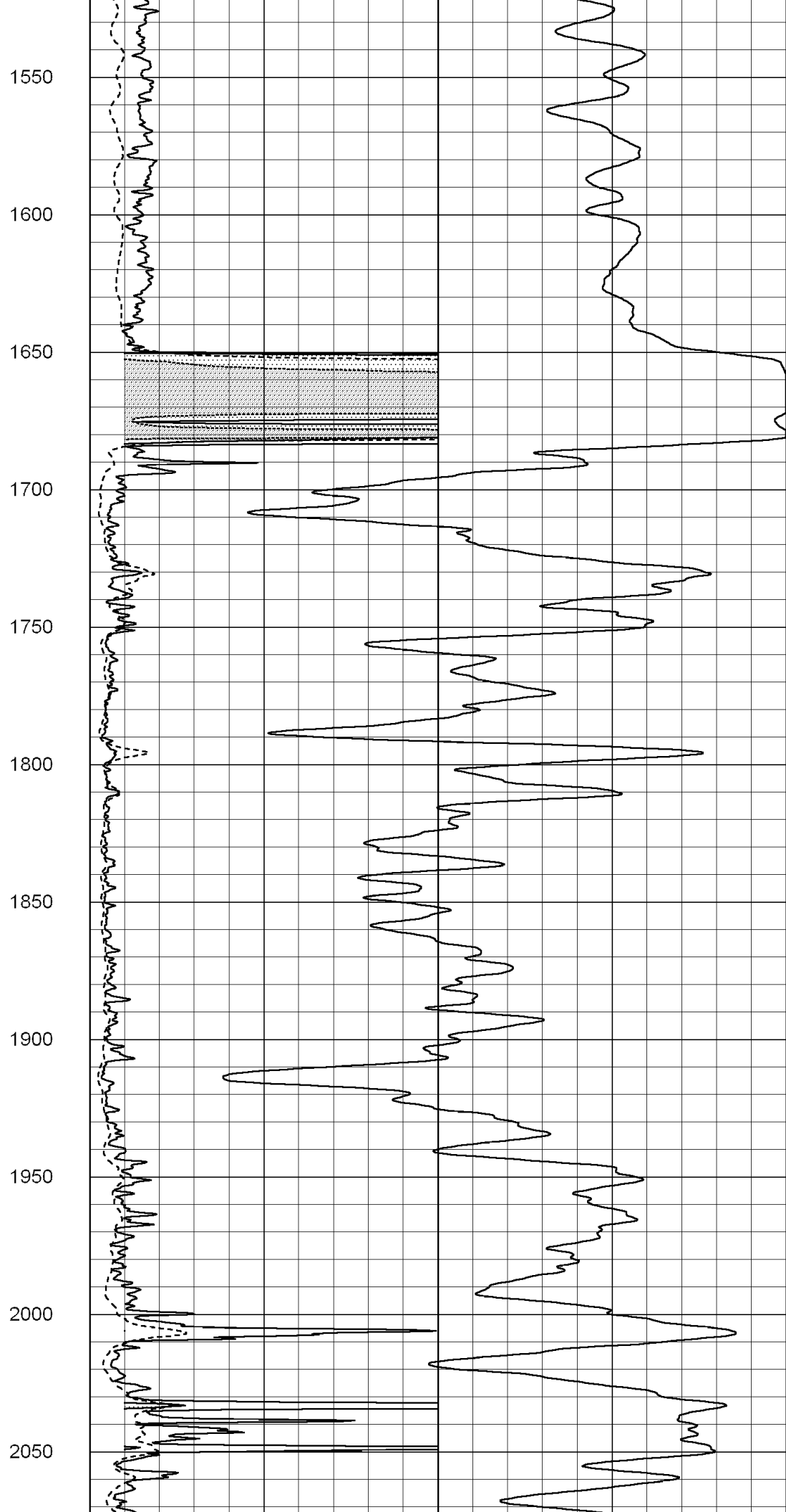
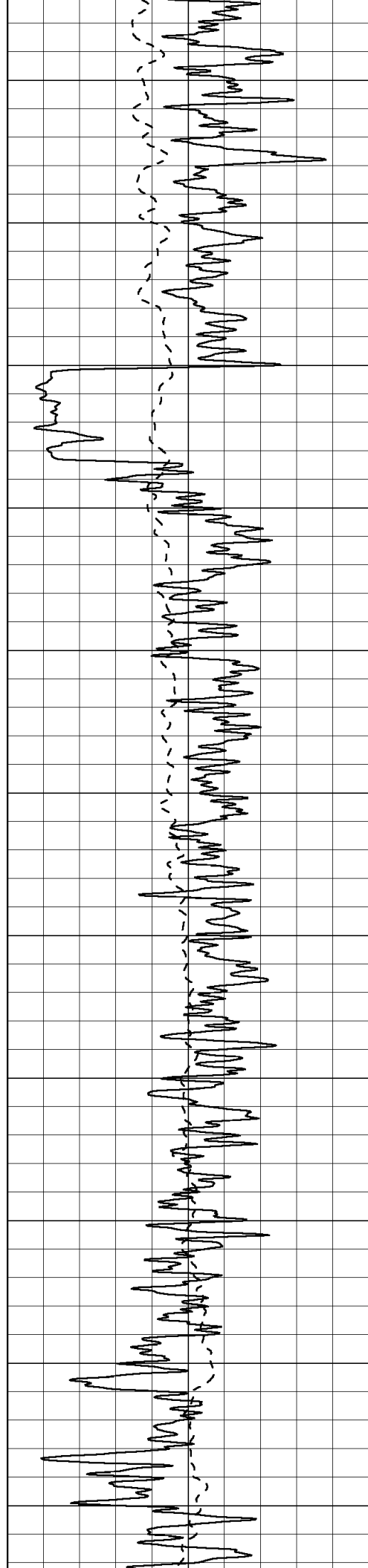
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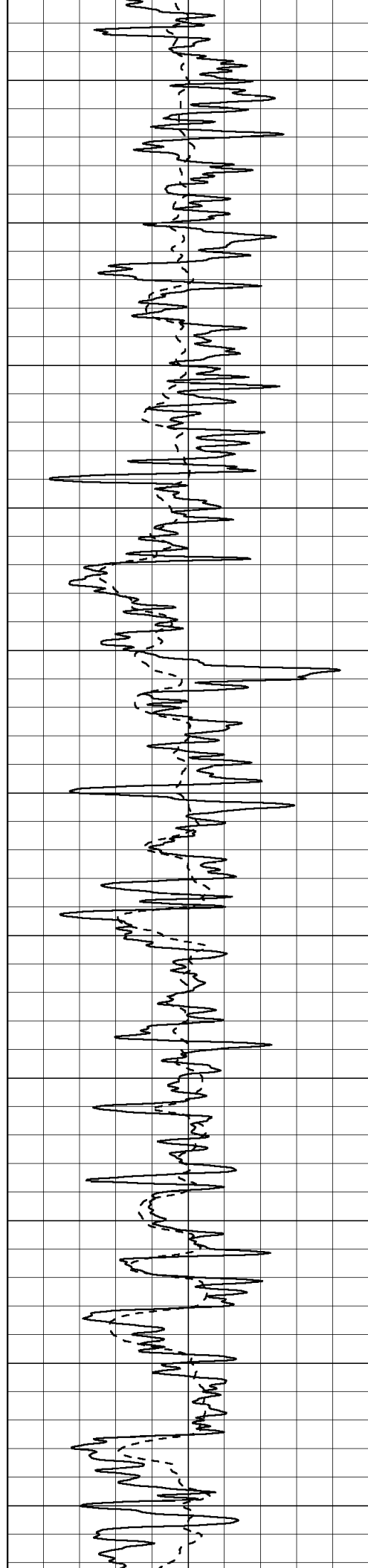
50	RLL3 X10 (Ohm-m)	500
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2100

2150

2200

2250

2300

2350

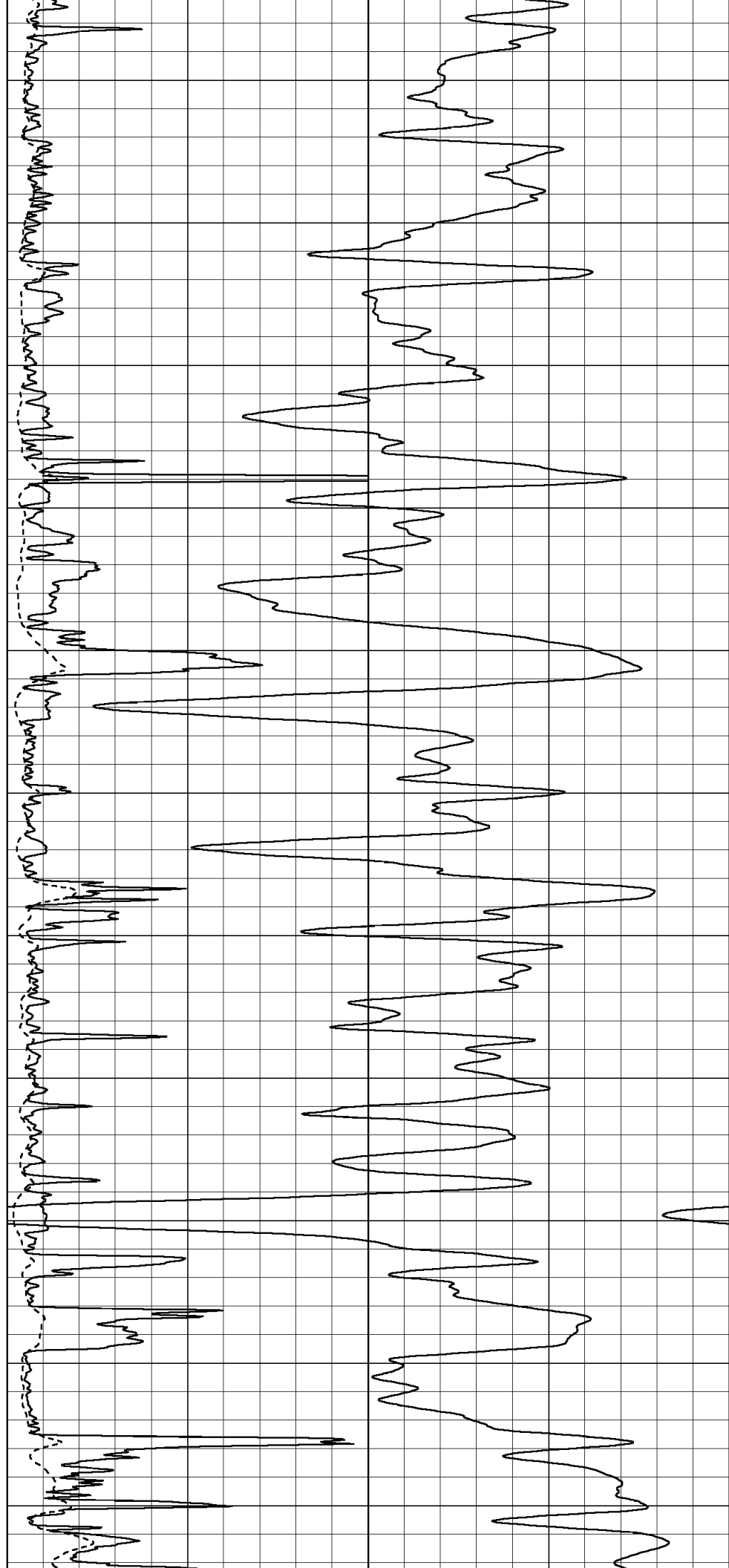
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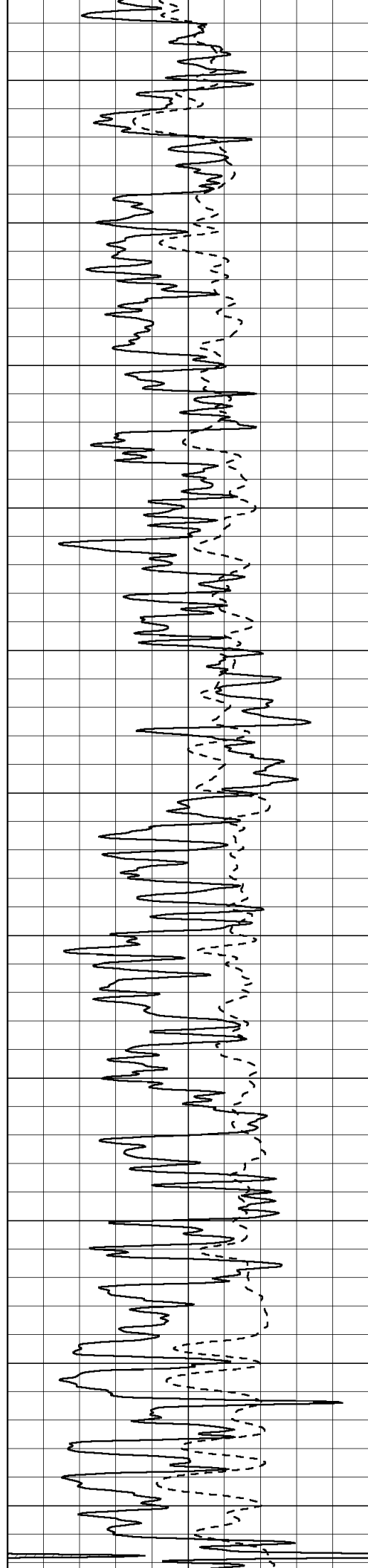
2450

2500

2550

2600





2650

2700

2750

2800

2850

2900

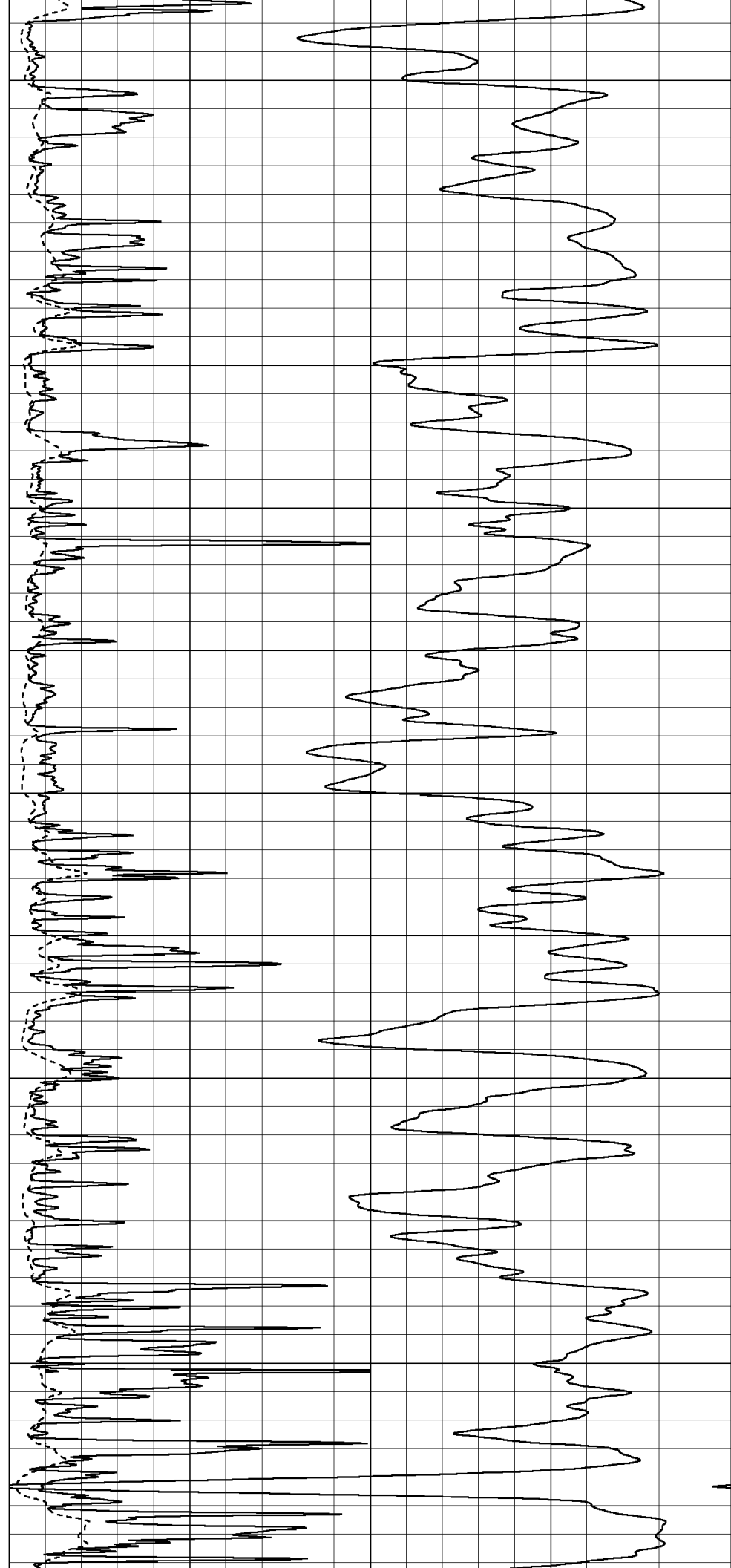
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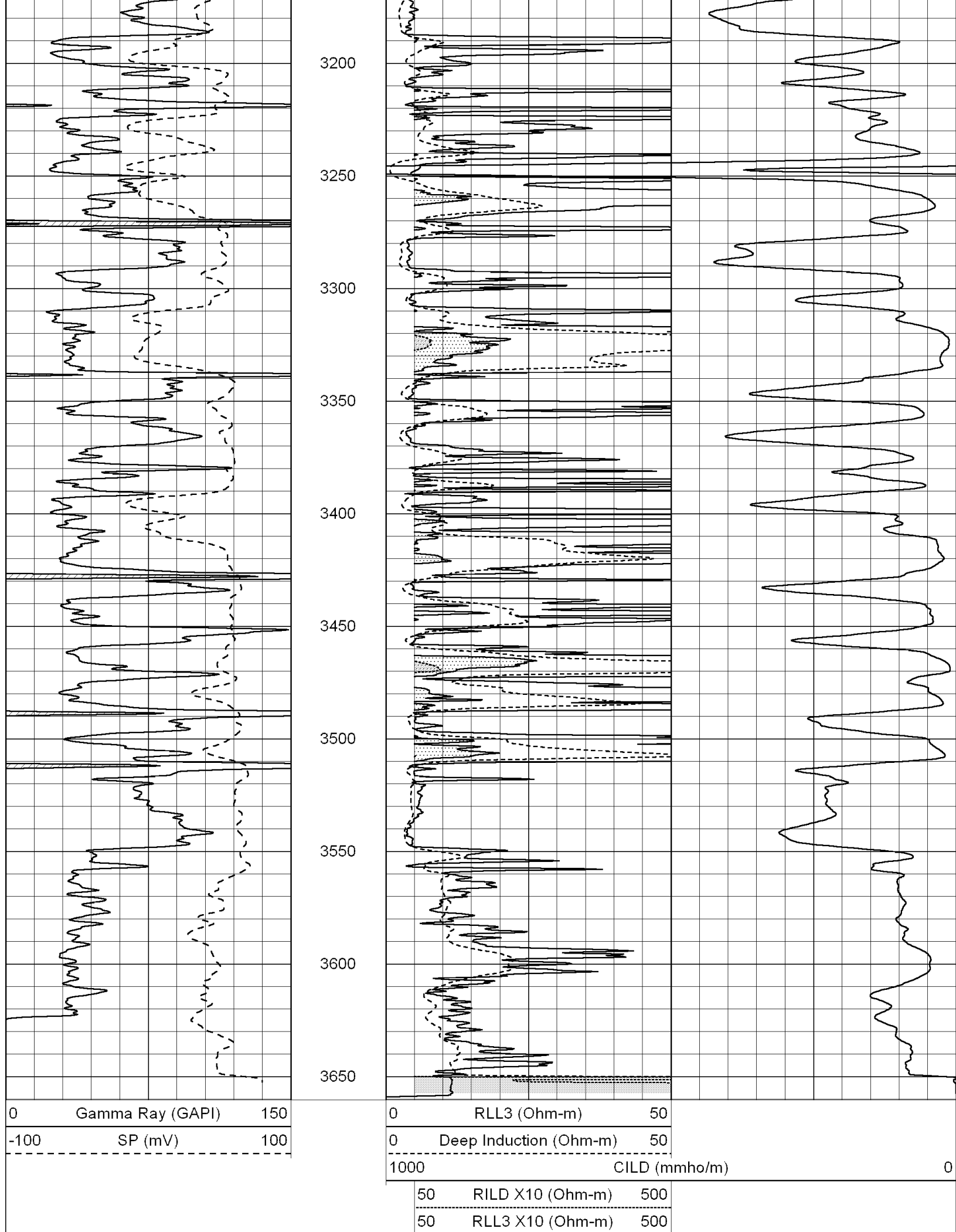
3000

3050

3100

3150







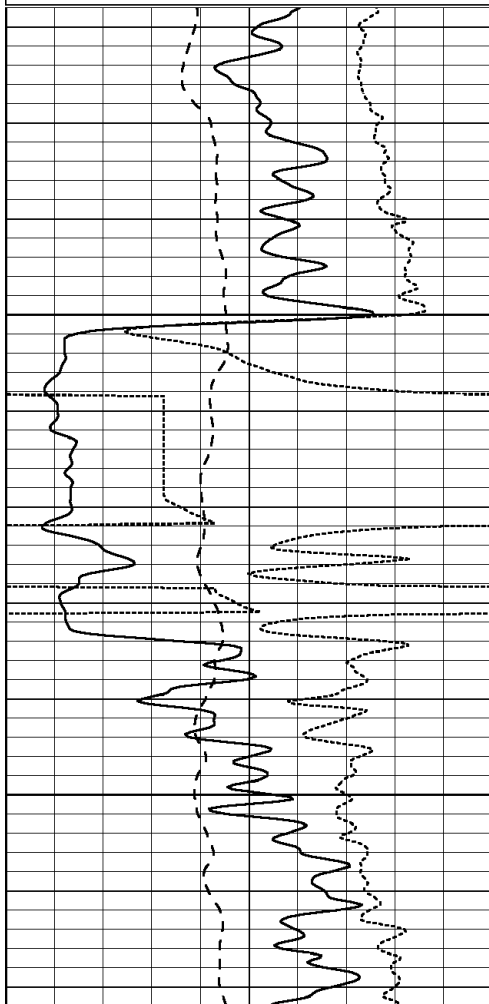
SUPERIOR
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MAIN SECTION

Database File: 004610ddn.db
Dataset Pathname: pass3.1
Presentation Format: dil
Dataset Creation: Wed Mar 10 10:43:02 2010 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

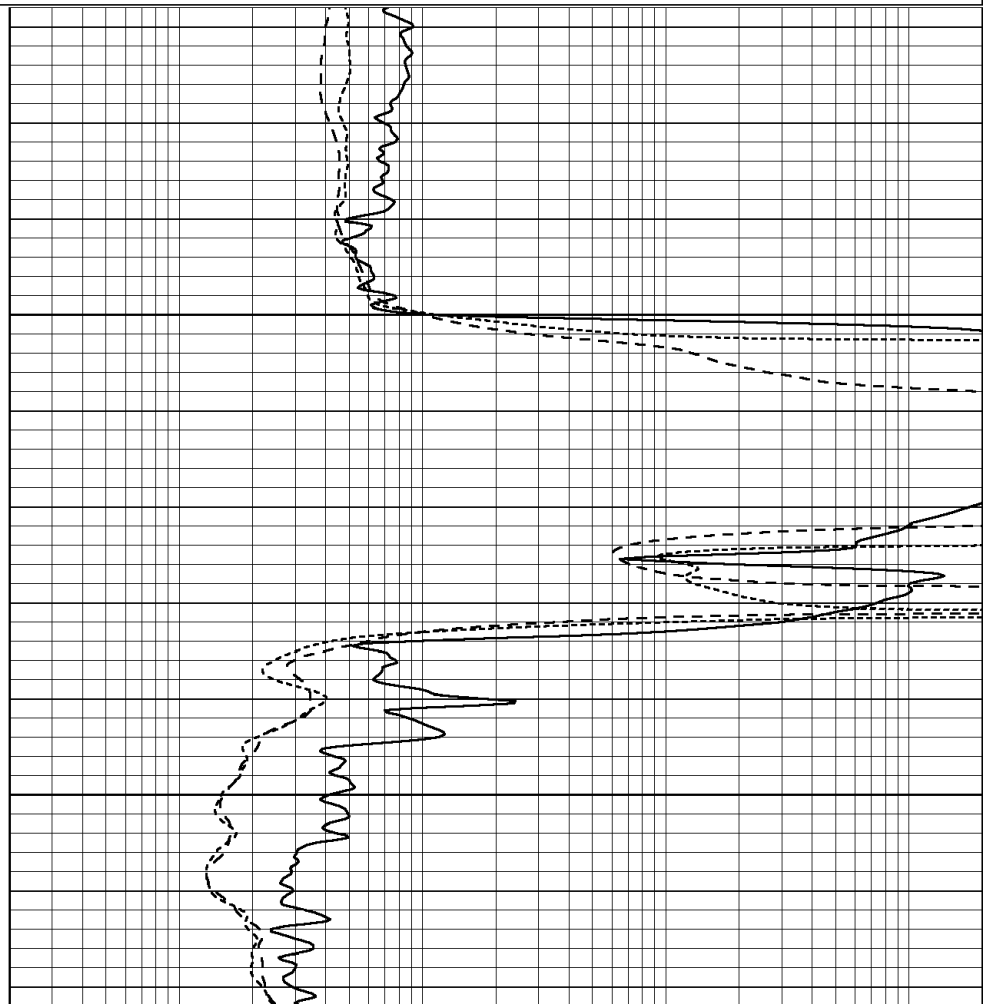
0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	RxoRt	50

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



1650

1700



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

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

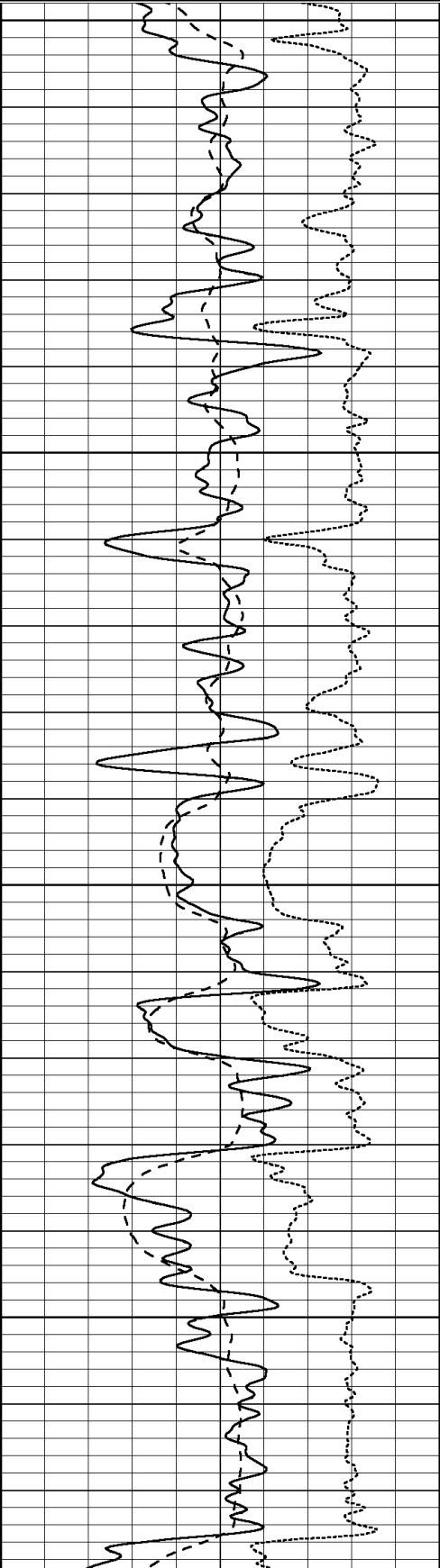


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MAIN SECTION

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

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

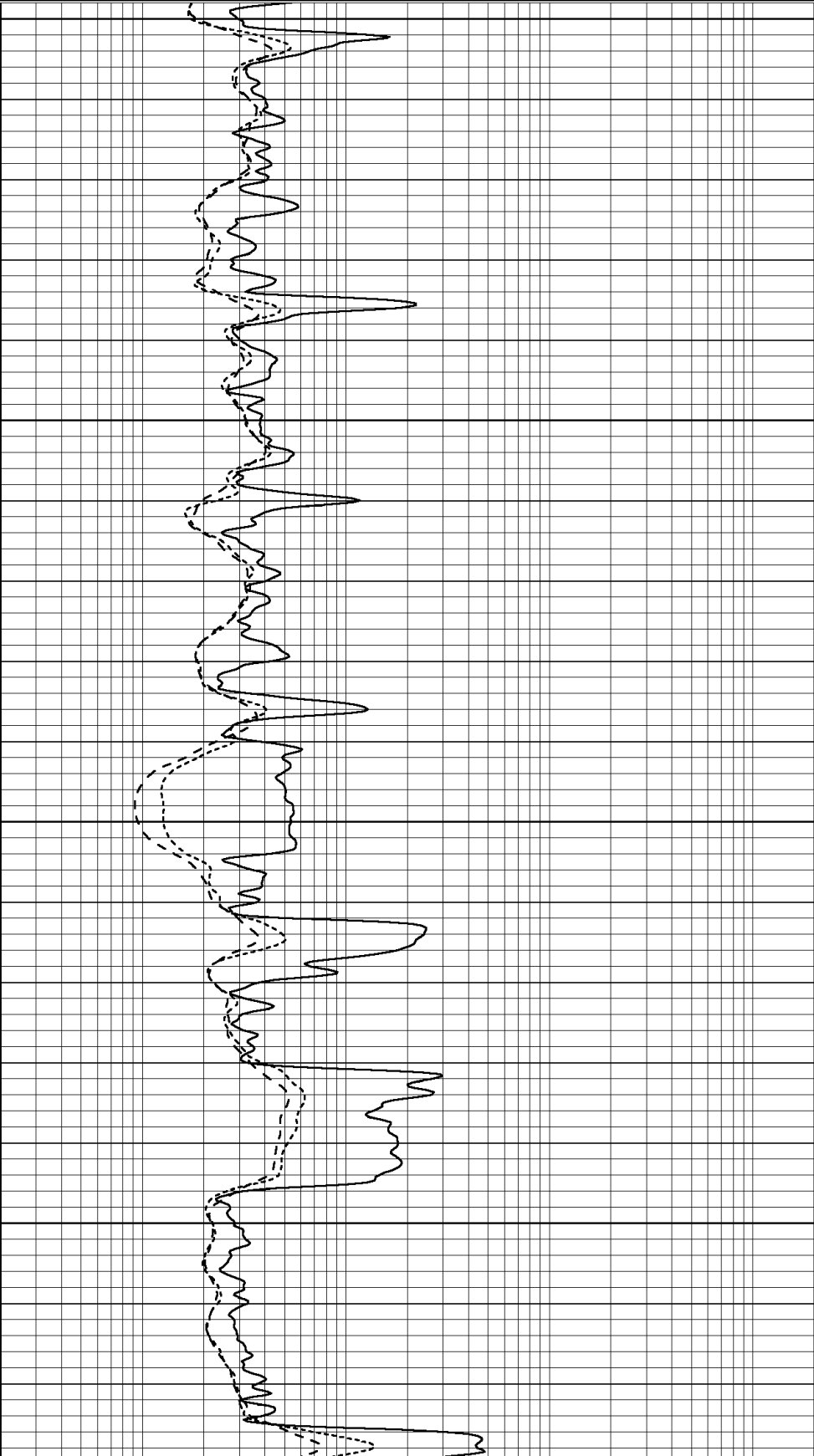


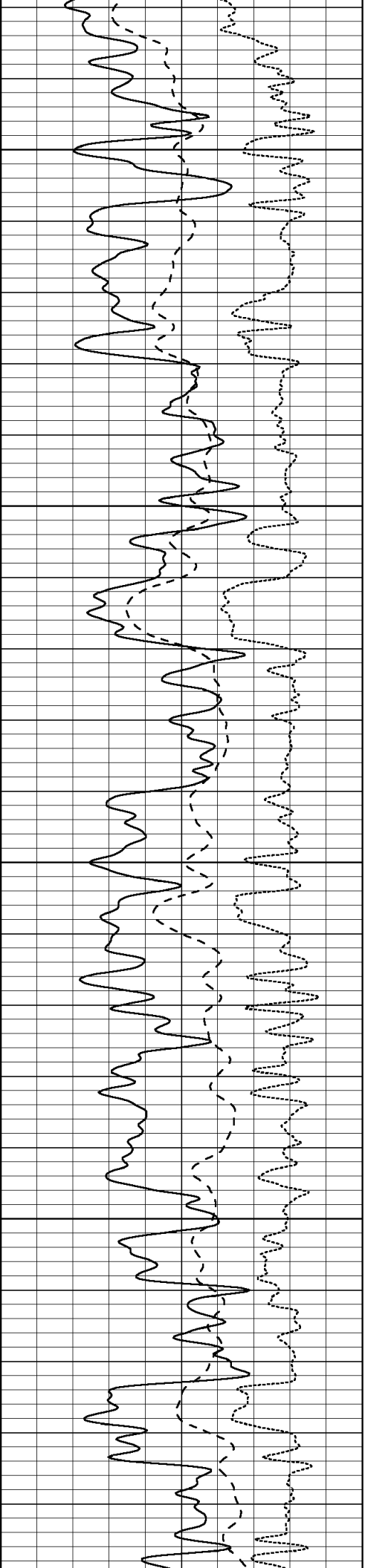
2400

2450

2500

2550



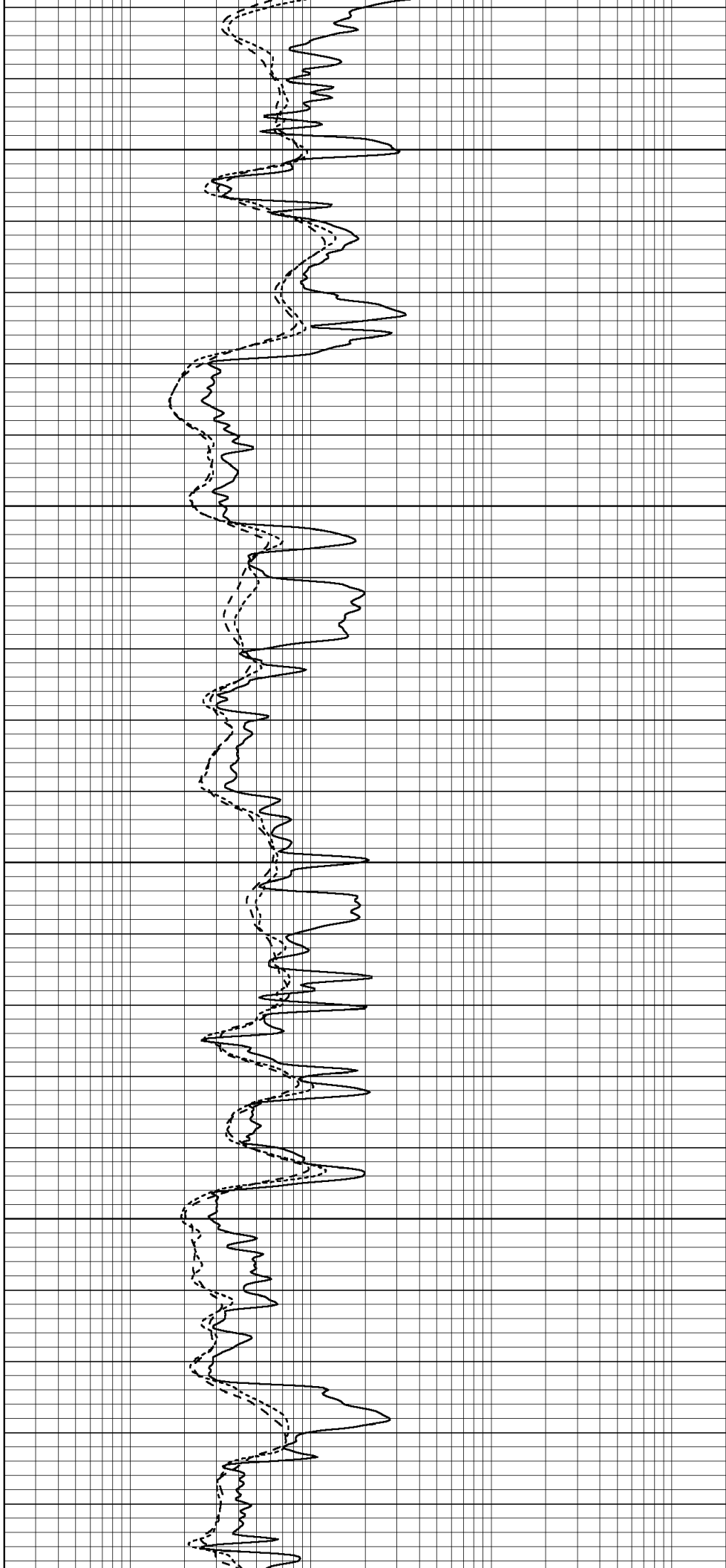


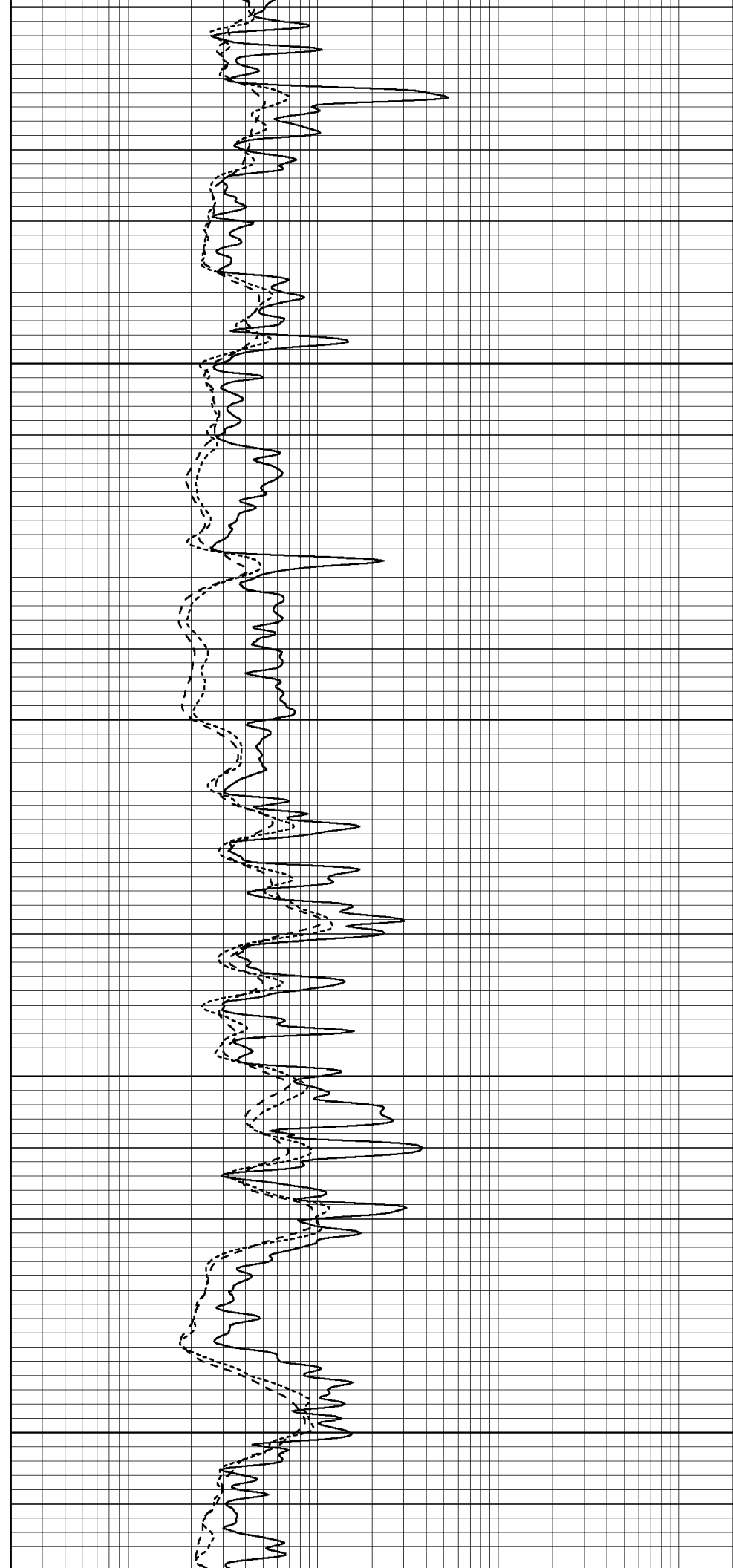
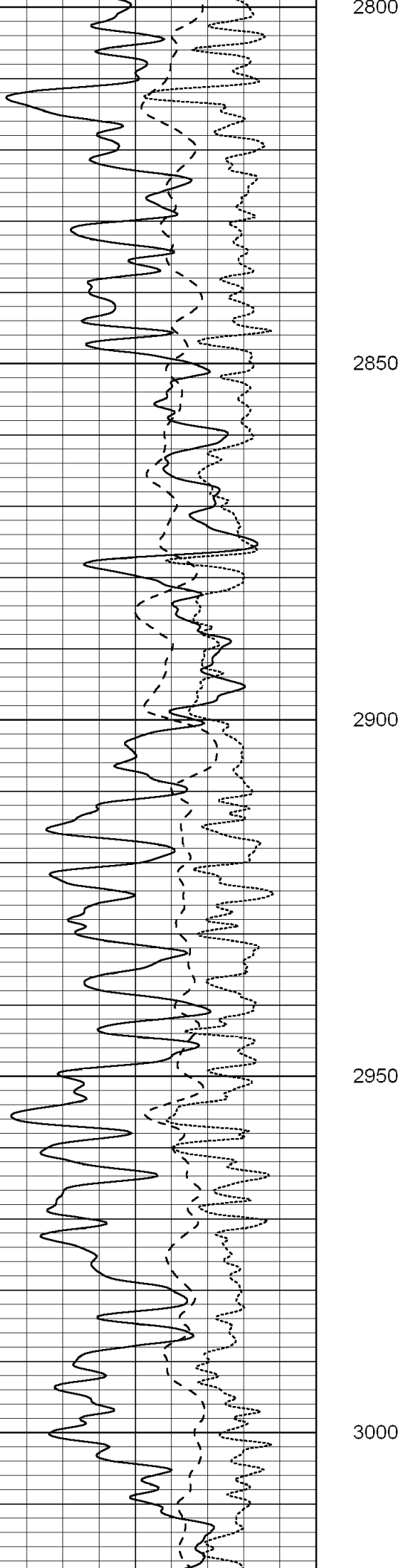
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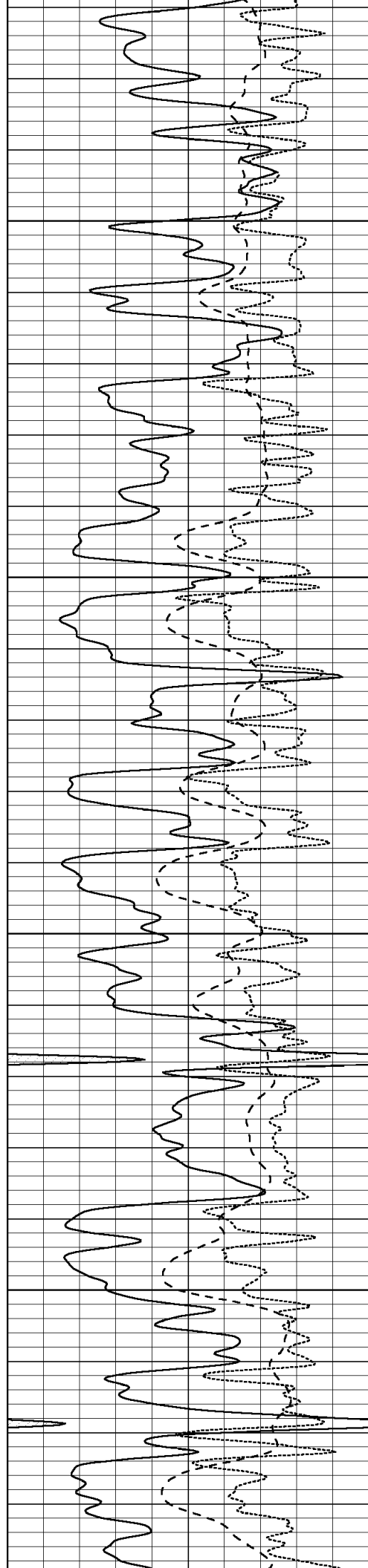
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2700

2750





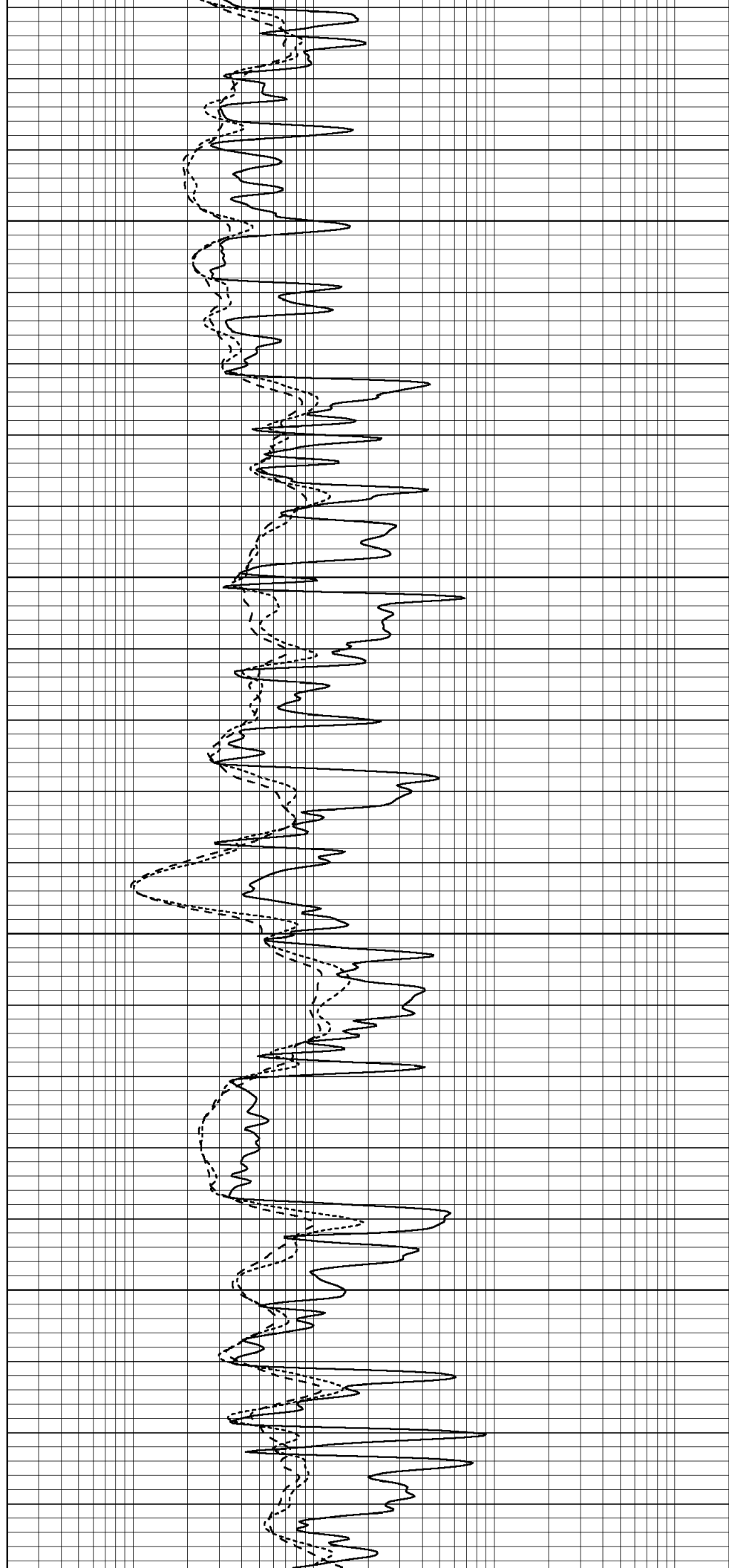


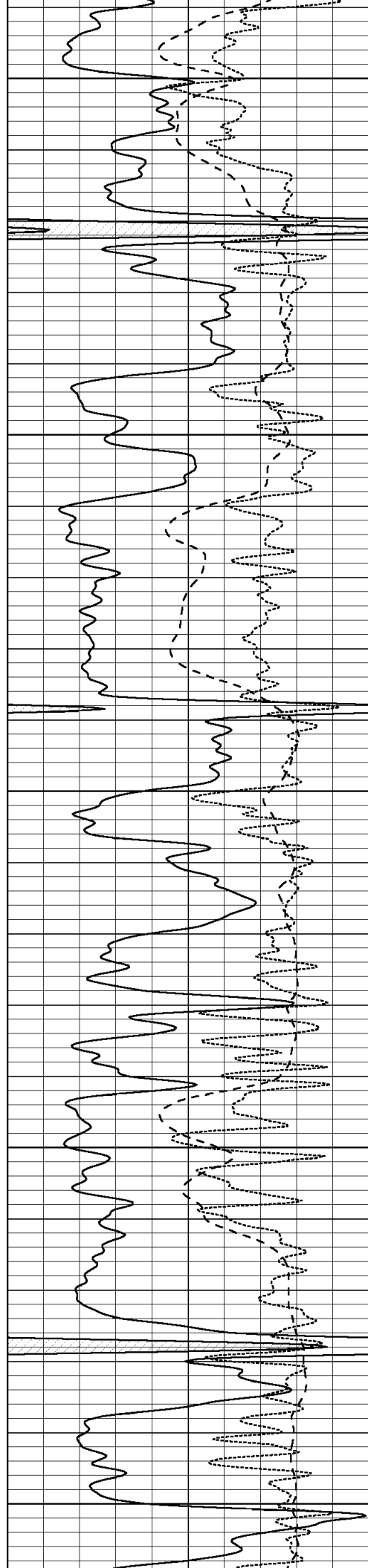
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3100

3150

3200





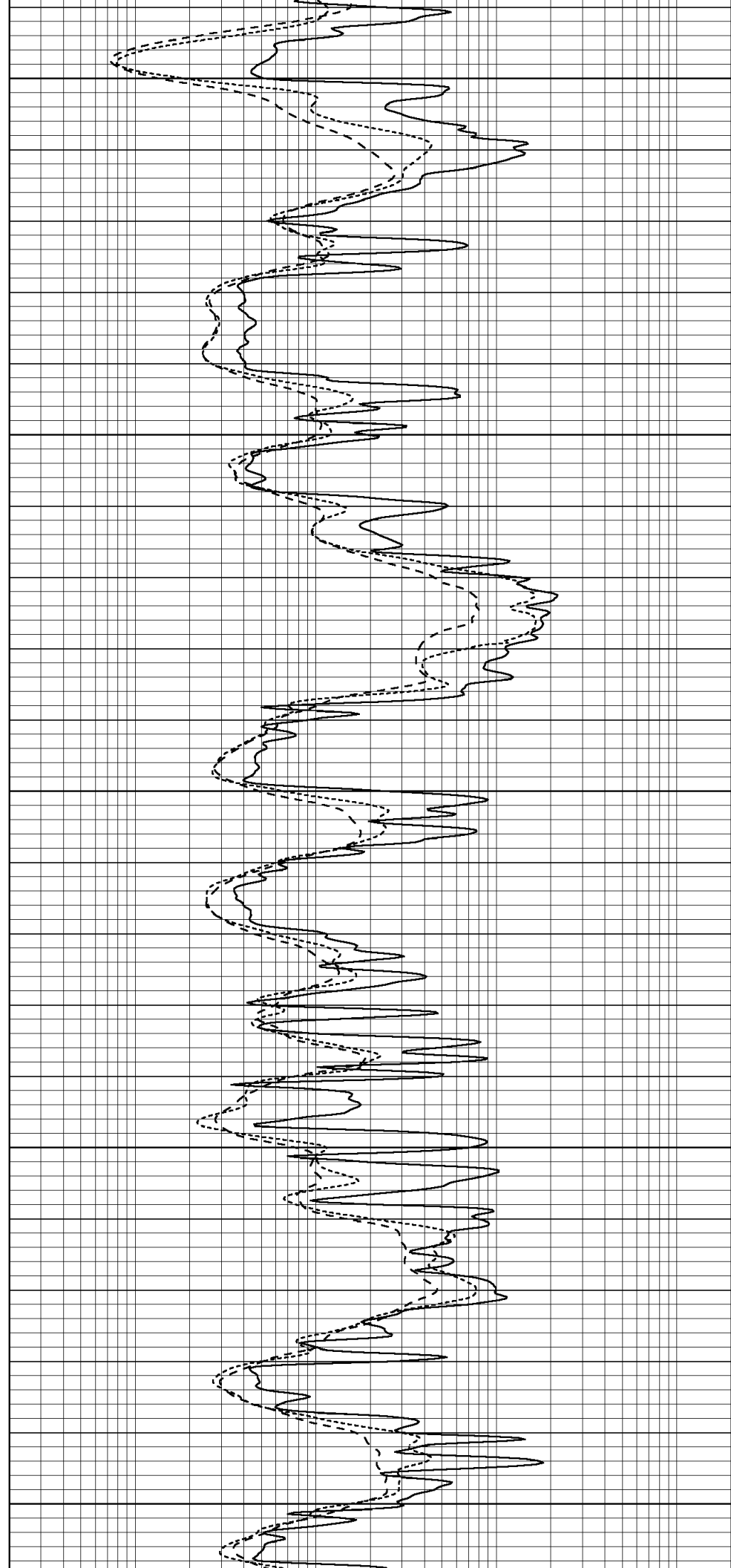
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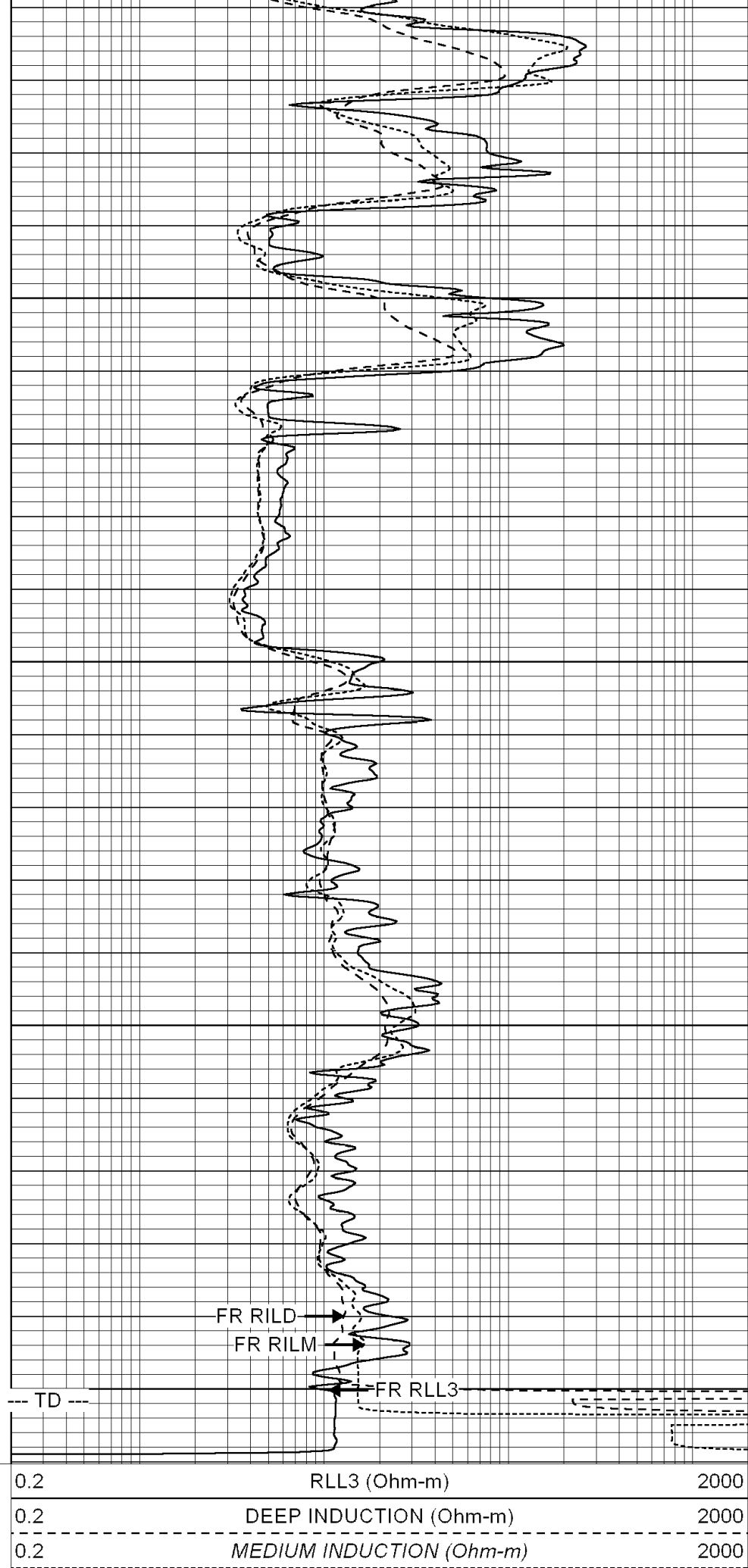
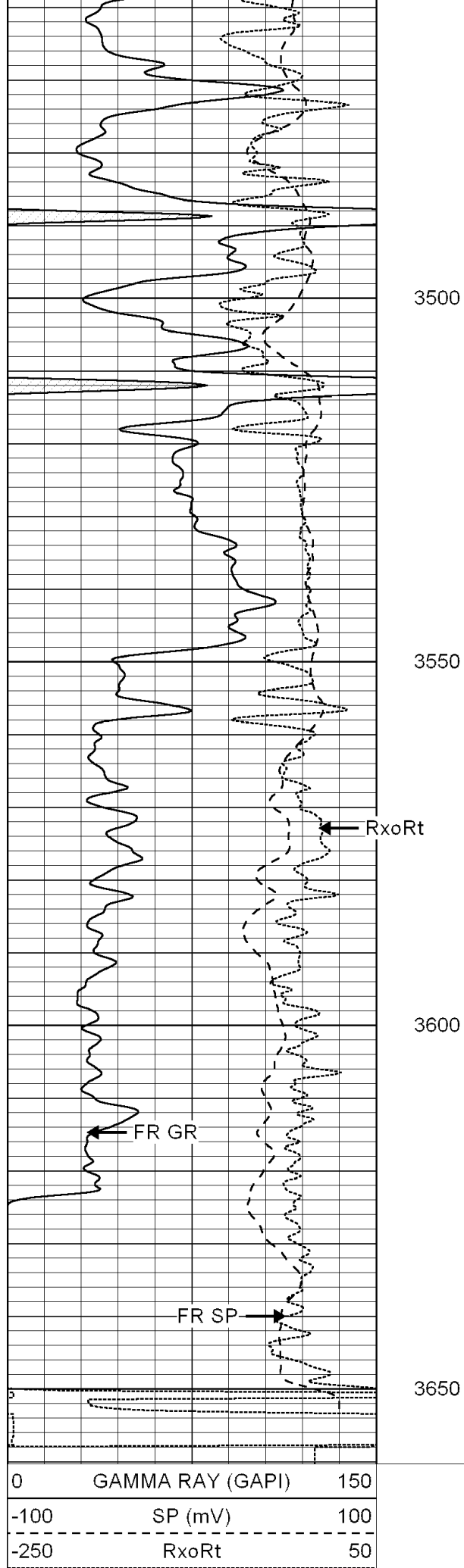
3300

3350

3400

3450







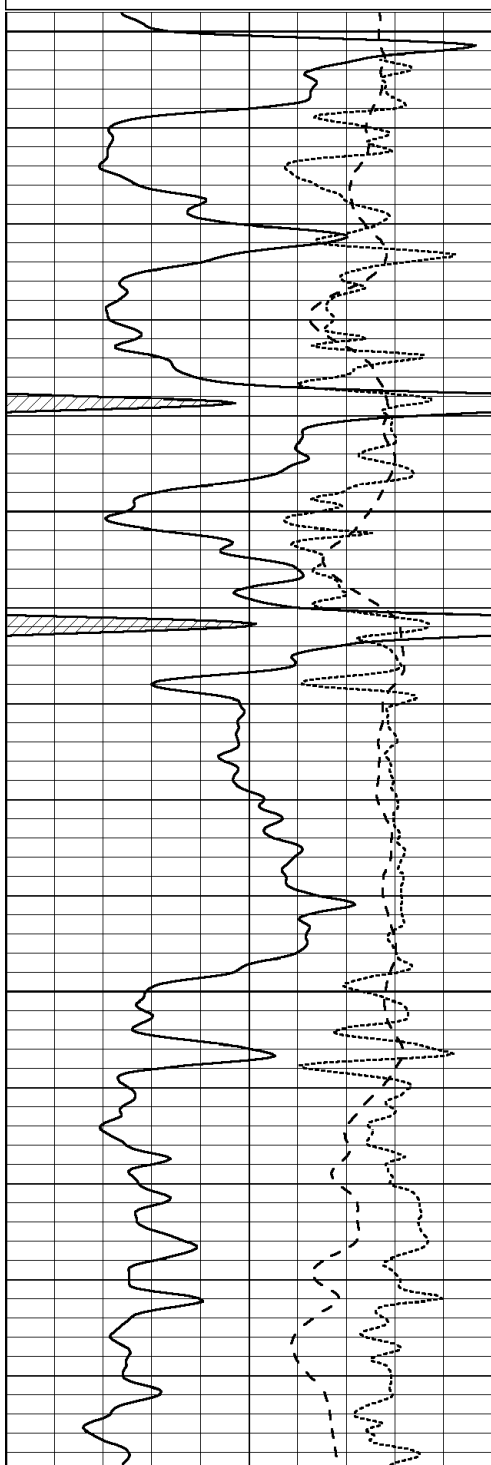
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REPEAT SECTION

Database File: 004610ddn.db
Dataset Pathname: pass2.A
Presentation Format: dil
Dataset Creation: Wed Mar 10 10:23:02 2010
Charted by: Depth in Feet scaled 1:240

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

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

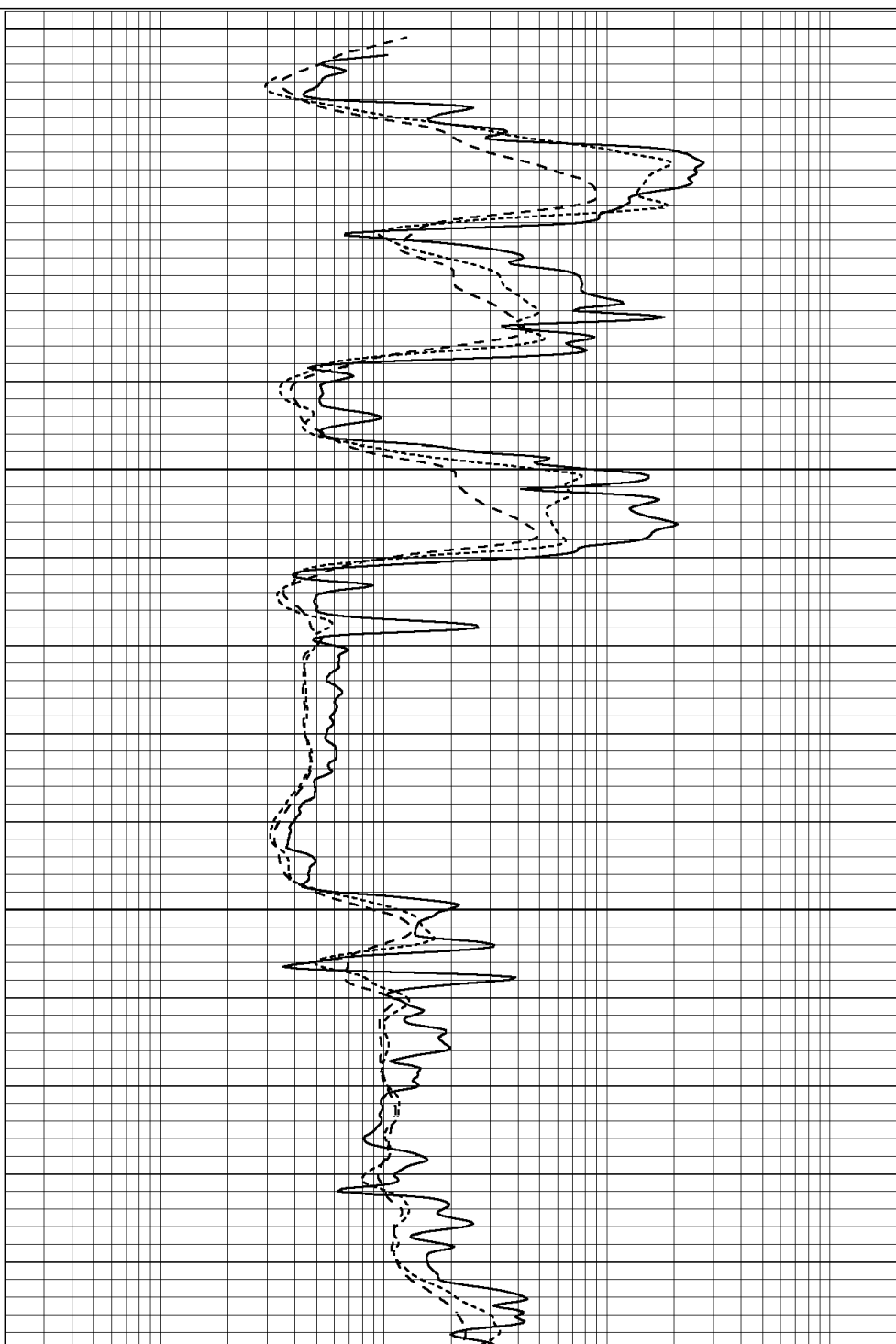


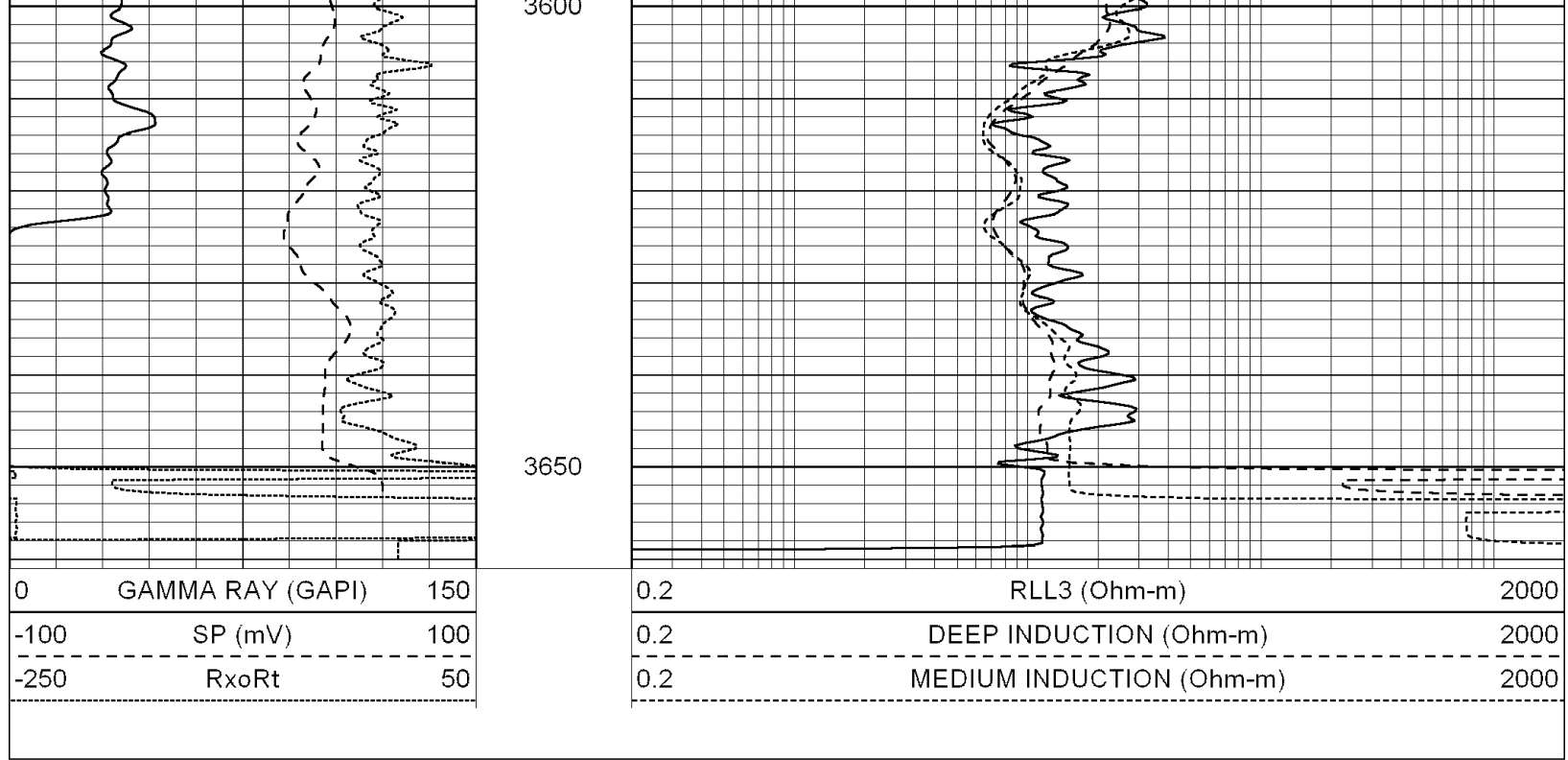
3450

3500

3550

3600





Calibration Report

Database File: 004610ddn.db
 Dataset Pathname: pass3.1
 Dataset Creation: Wed Mar 10 10:43:02 2010 by Calc Open-Cased 090629

Dual Induction Calibration Report

Serial-Model: DIL5-GEAR
 Performed: Wed Mar 10 09:47:57 2010

Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.004	0.654	V	0.000	400.000	mmho/m	550.000	-10.000
Medium	-0.005	0.737	V	0.000	462.500	mmho/m	540.000	-15.000
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: Wed Mar 10 09:26:27 2010

Master Calibration

	Density		Far Detector		Near Detector	
Magnesium	1.710	g/cc	1006.91	528.07	cps	
Aluminum	2.600	g/cc	233.49	355.80	cps	
Spine Angle = 74.88			Density/Spine Ratio = 0.588			
	Size		Reading			
Small Ring	7.90	in	3.68	V		
Large Ring	14.00	in	6.06	V		

Large Ring

1.000

in

0.000

cm

Compensated Neutron Calibration Report						
Serial Number:			NEU_11			
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:		Thu Mar 04 09:56:14 2010				
Calibrator Value:		1.0	GAPI			
Background Reading:		0.0	cps			
Calibrator Reading:		1.0	cps			
Sensitivity:		0.6000	GAPI/cps			