



**SUPERIOR
Hays,
Kansas**

**DUAL
INDUCTION
LOG**

Company VINCENT OIL CORPORATION
Well CROCKETT #8-36
Field TROUSDALE WEST
County EDWARDS
State KANSAS

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Well CROCKETT #8-36
Field TROUSDALE WEST
County EDWARDS State KANSAS

Location: API # : 15-047-21594
990' FNL & 330' FEL
SEC 36 TWP 26S RGE 17W
Permanent Datum GROUND LEVEL Elevation 2102
Log Measured From KELLY BUSHING 5' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
CDL/CNL
MICRO
Elevation
K.B. 2107
D.F.
G.L. 2102

Date	12-5-10		
Run Number	ONE		
Depth Driller	4630		
Depth Logger	4632		
Bottom Logged Interval	4630		
Top Log Interval	00		
Casing Driller	435		
Casing Logger	435		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.4 / 45		
pH / Fluid Loss	9.5 / 11.6		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.60 @ 84F		
Rmf @ Meas. Temp	0.45 @ 84F		
Rmc @ Meas. Temp	0.72 @ 84F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.420 @ 121F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	7:15 P.M.		
Maximum Recorded Temperature	121F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	MACKLIN ARMSTRONG		

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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: HAVILAND, 8N TO MULL FEEDERS SIGN, 1W, 1N, W INTO.



**SUPERIOR
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MAIN SECTION

Database File: 006305ddn.db
 Dataset Pathname: pass3.1A
 Presentation Format: dil2
 Dataset Creation: Sun Dec 05 20:30:56 2010
 Charted by: Depth in Feet scaled 1:600

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

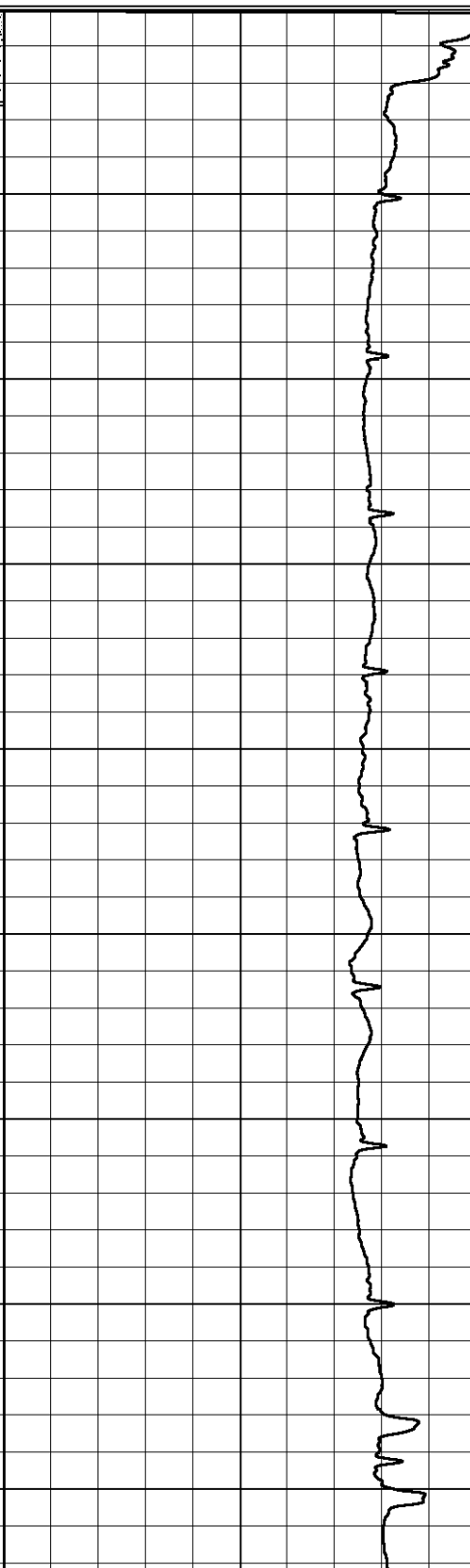
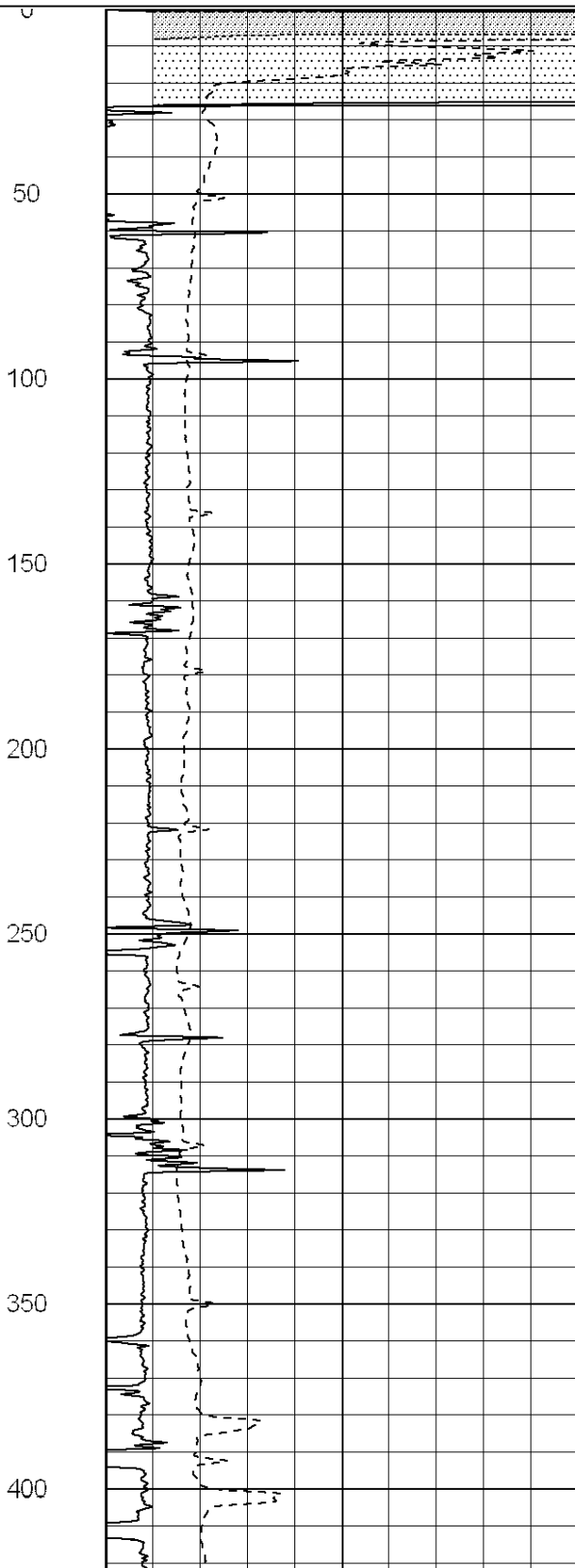
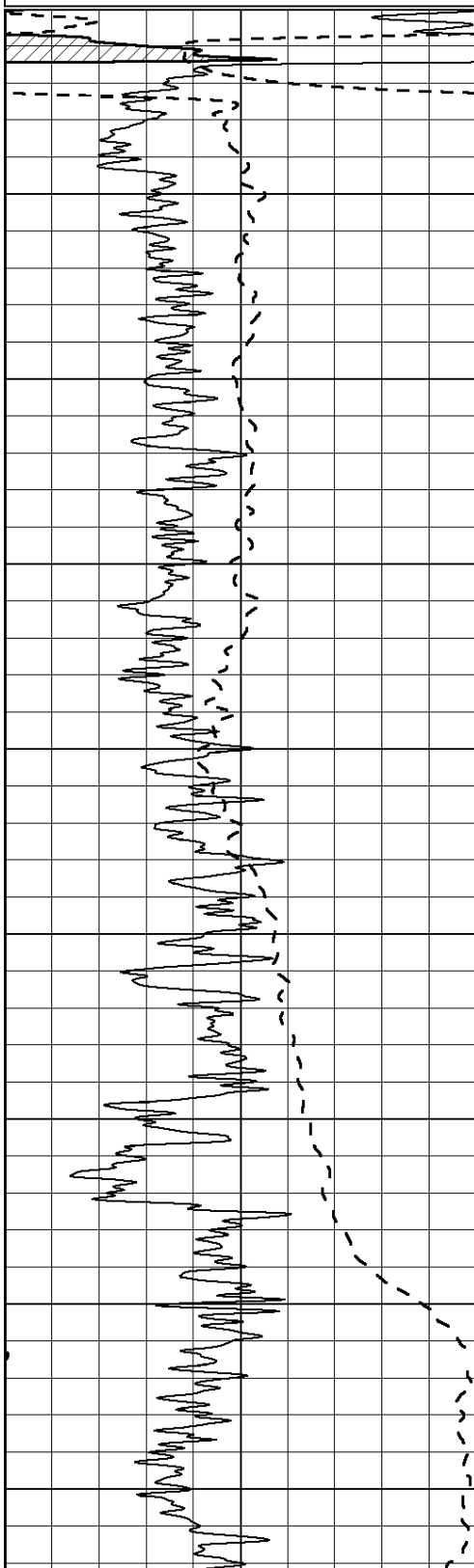
0	RLL3 (Ohm-m)	50
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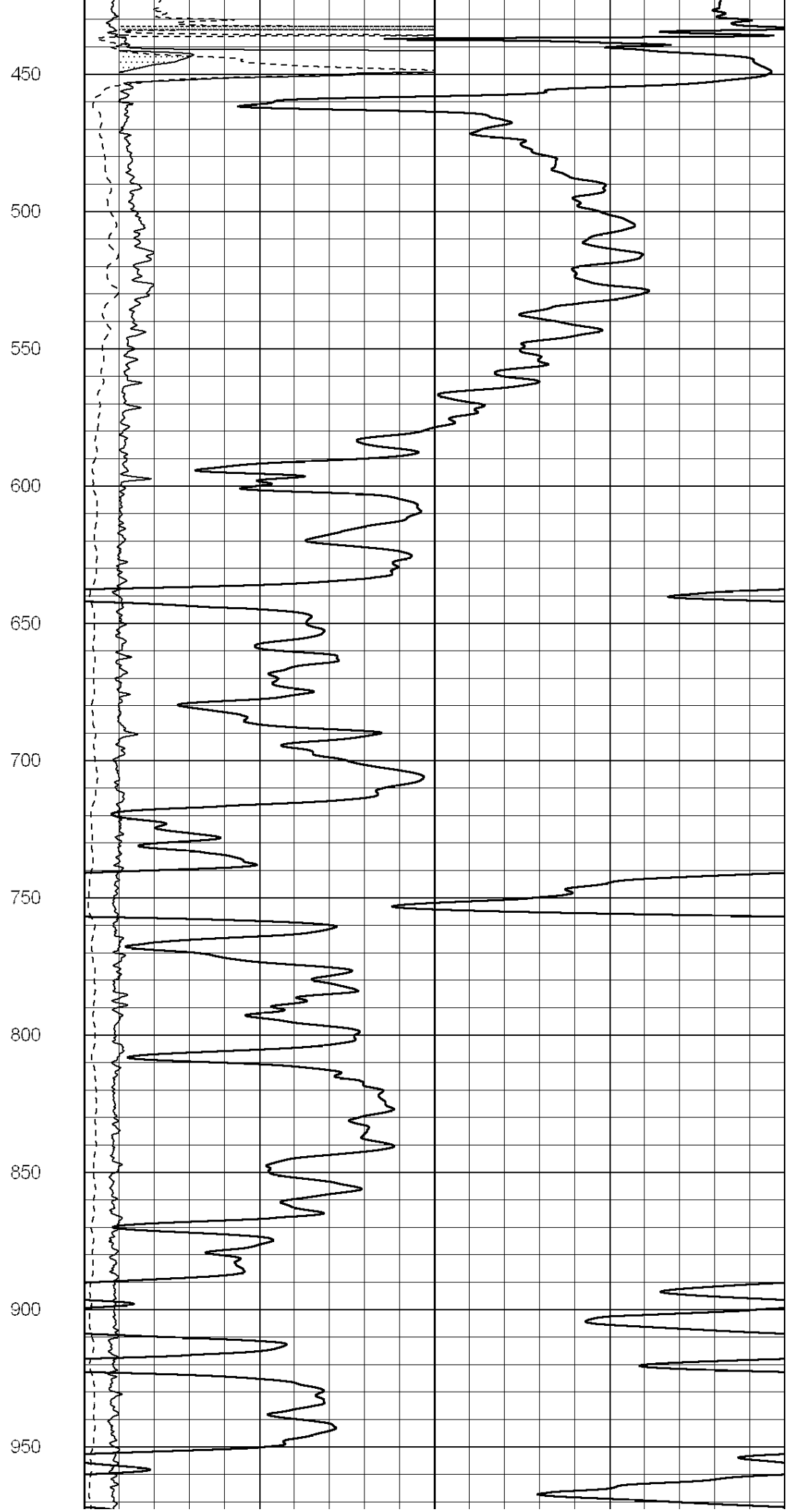
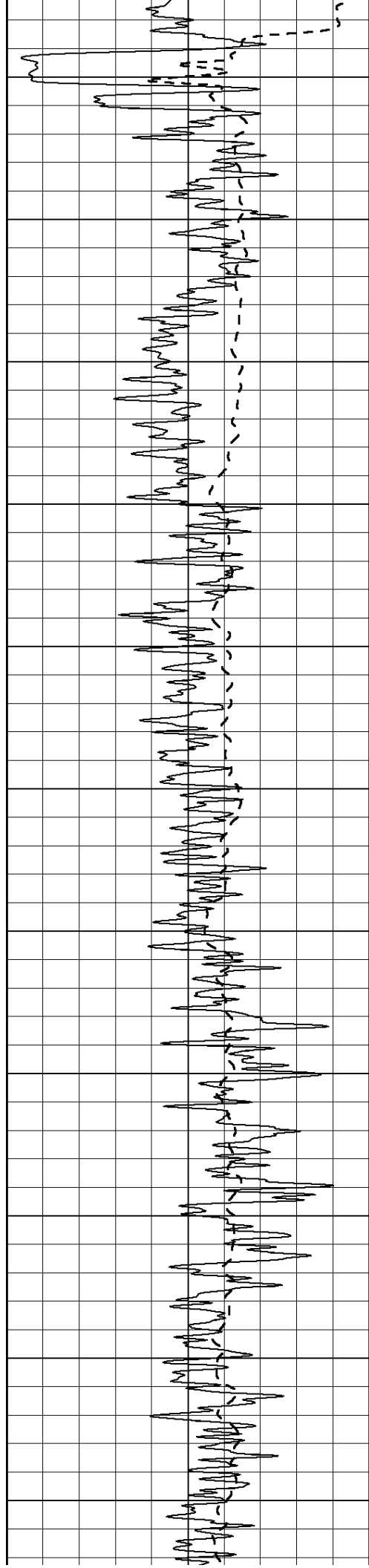
0	Deep Induction (Ohm-m)	50
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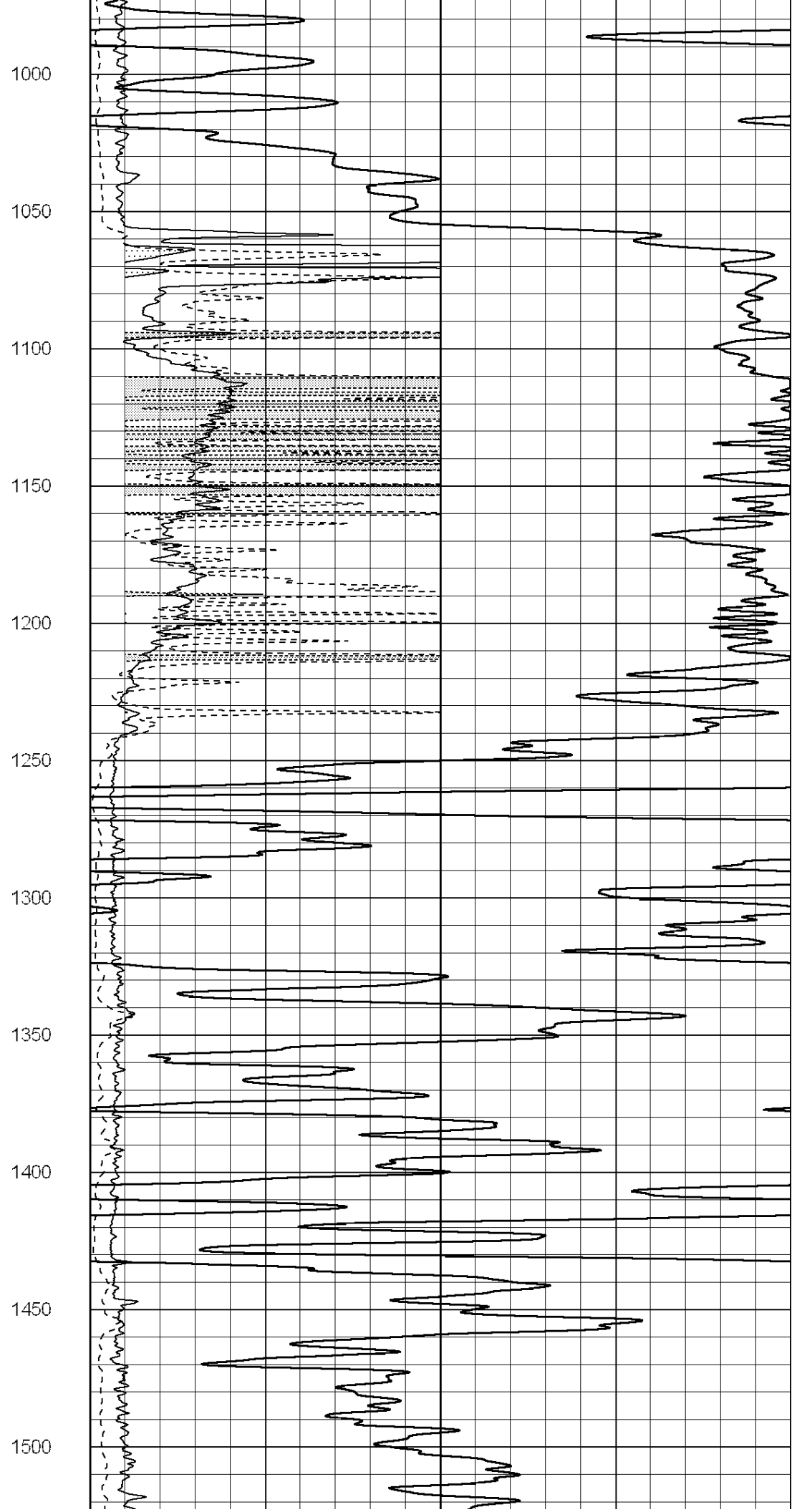
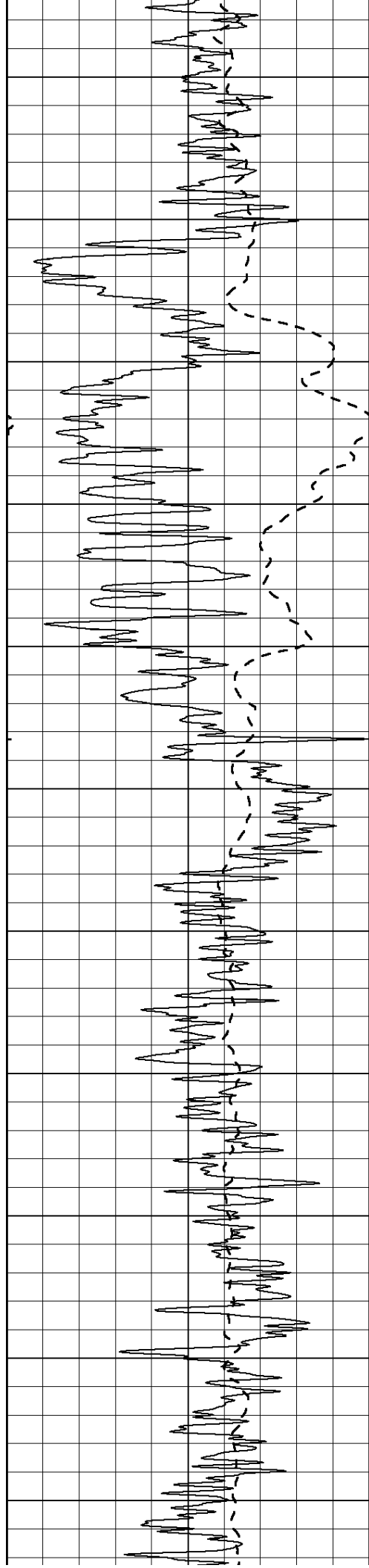
1000	CILD (mmho/m)	0
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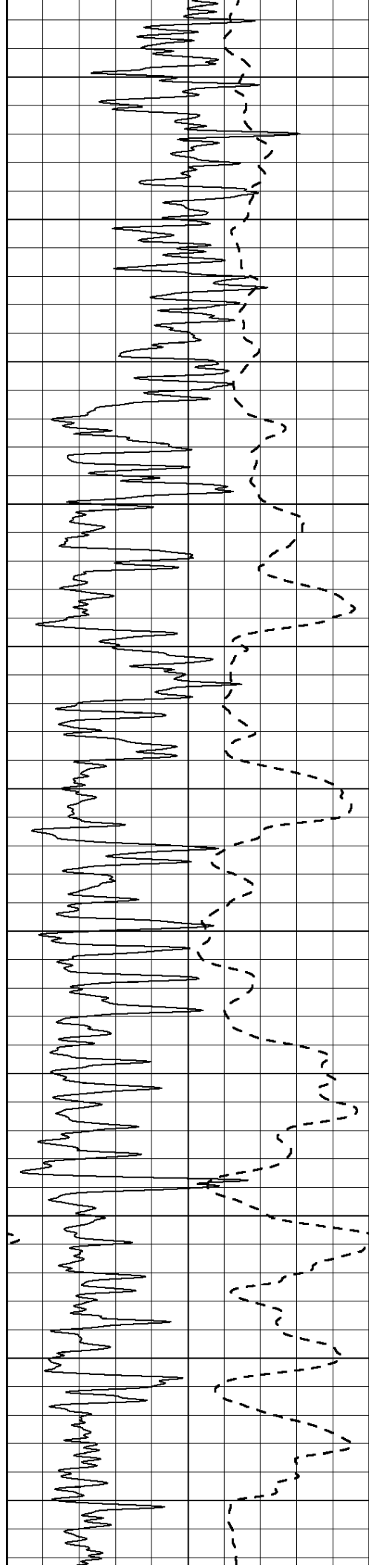
50	RILD X10 (Ohm-m)	500
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50	RLL3 X10 (Ohm-m)	500
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1550

1600

1650

1700

1750

1800

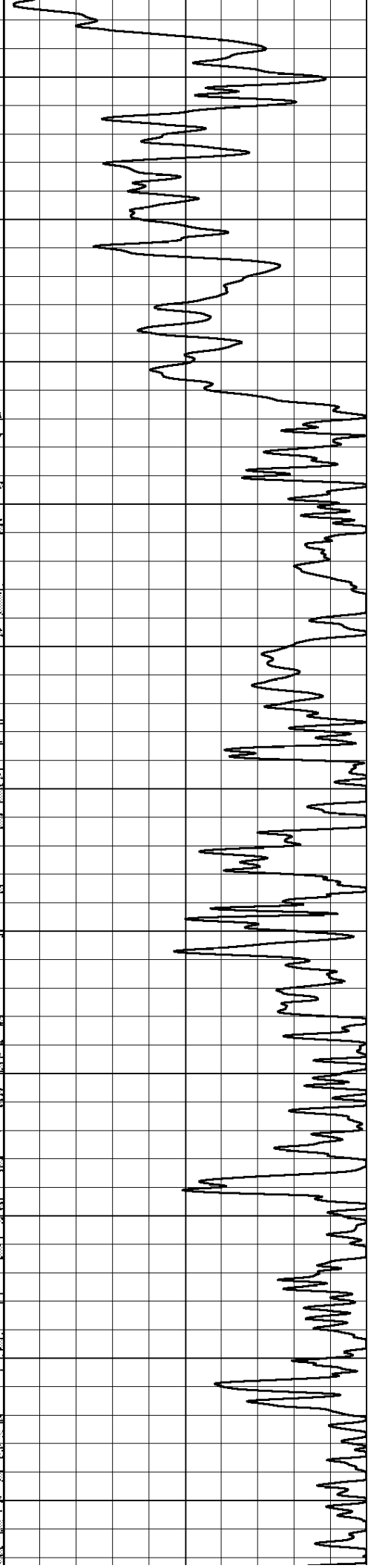
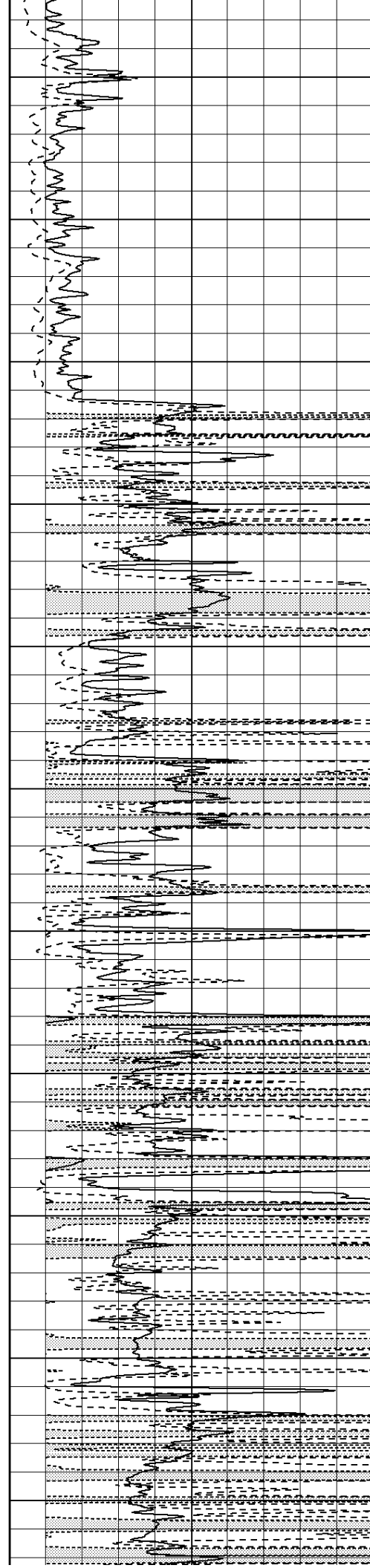
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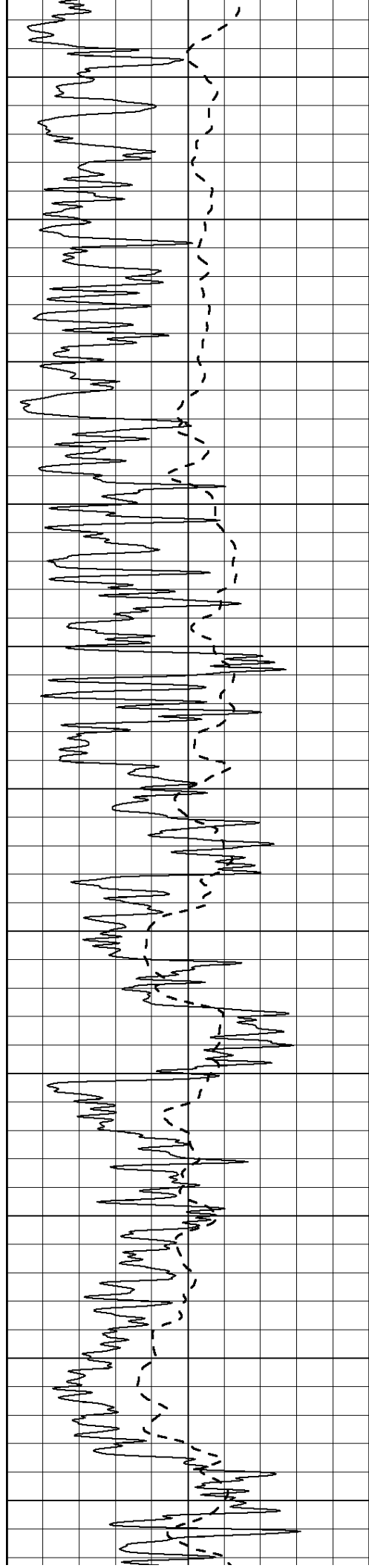
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1950

2000

2050





2100

2150

2200

2250

2300

2350

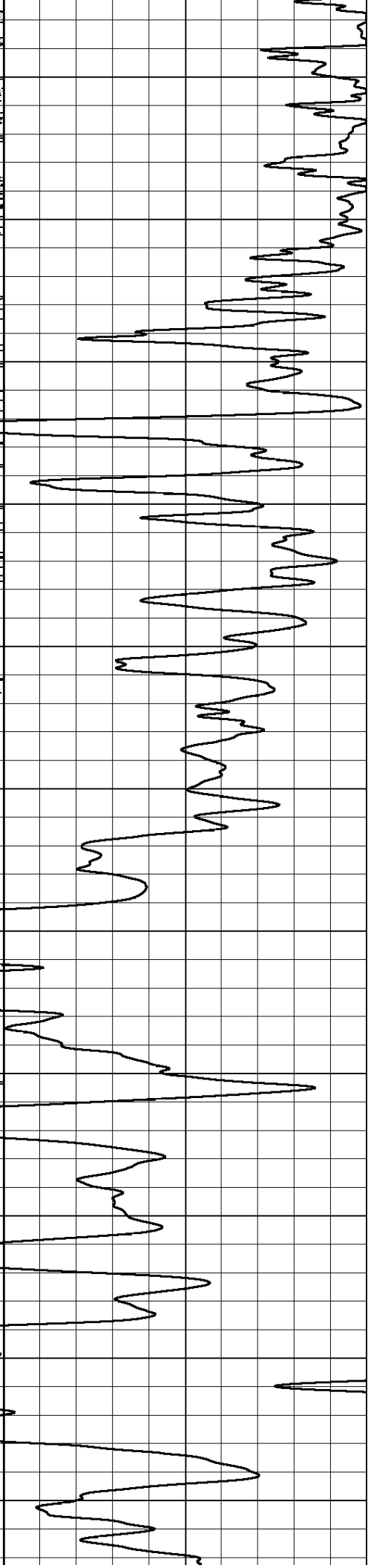
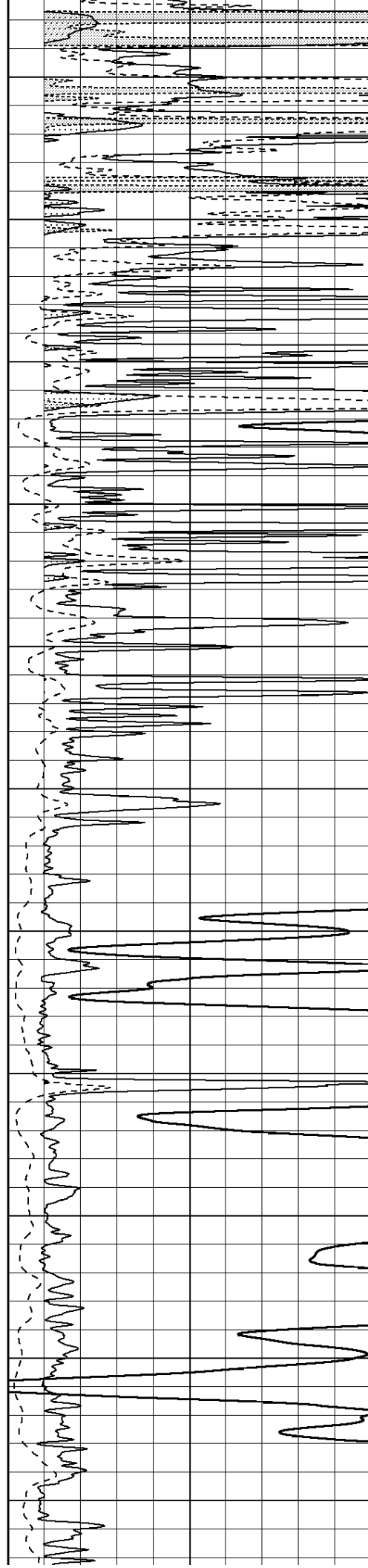
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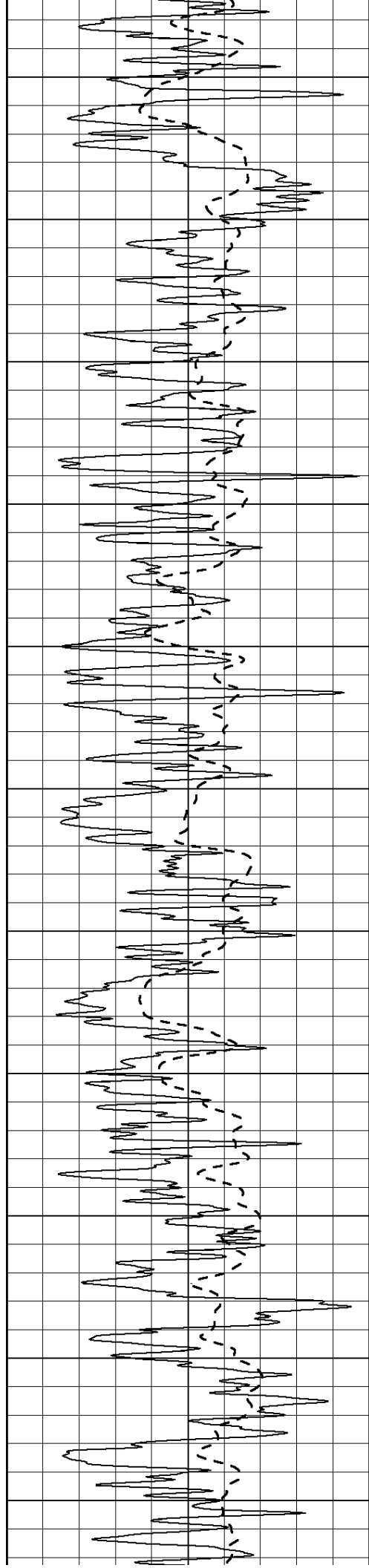
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2500

2550

2600





2650

2700

2750

2800

2850

2900

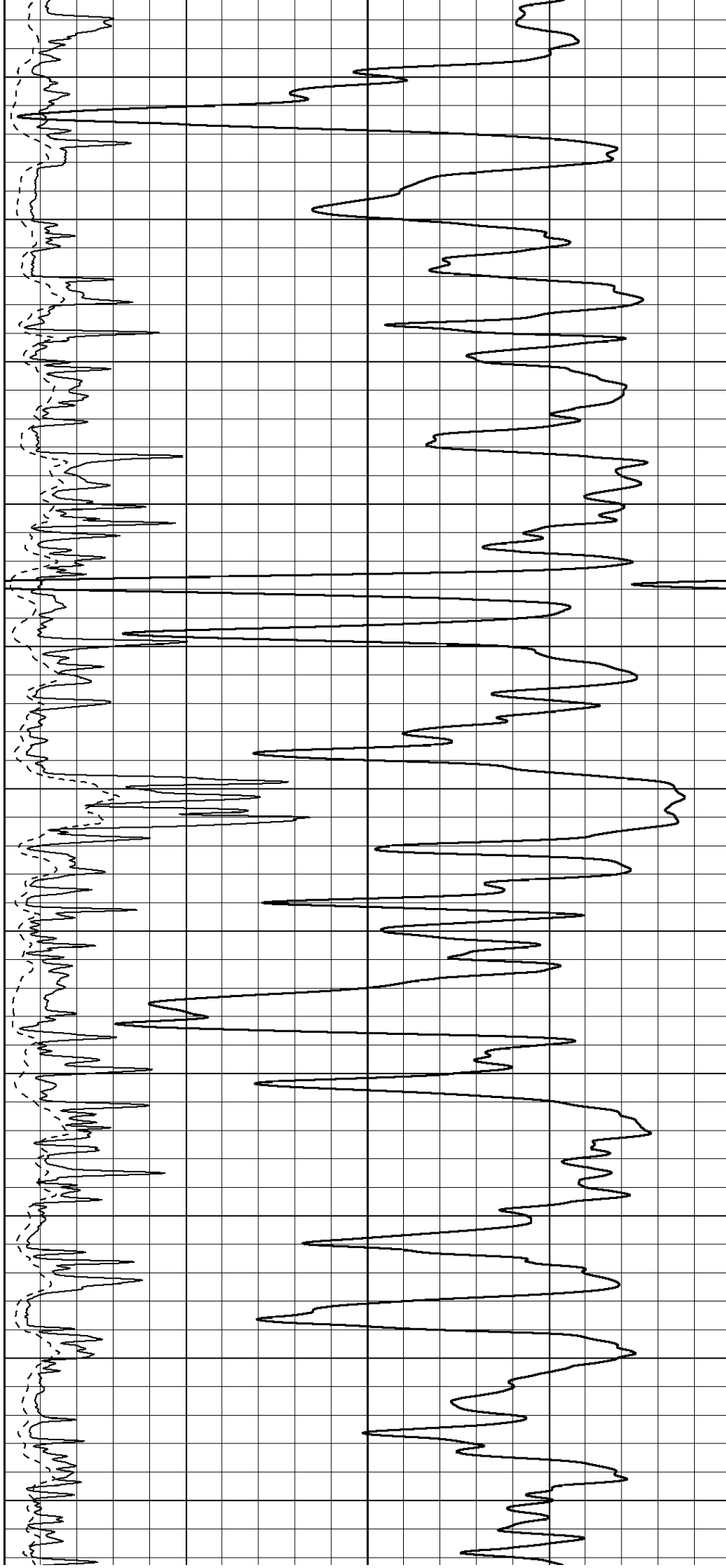
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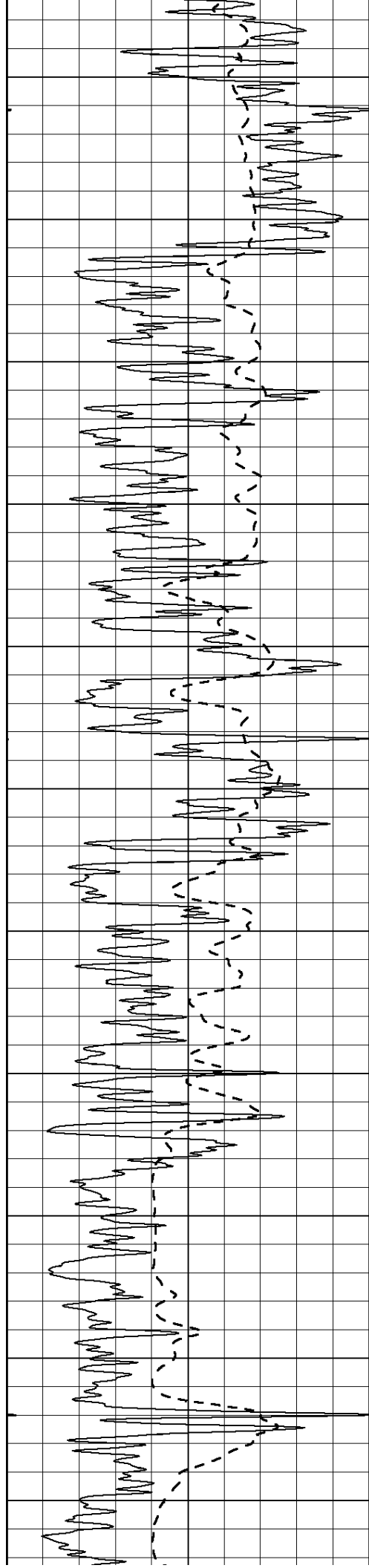
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3050

3100

3150





3200

3250

3300

3350

3400

3450

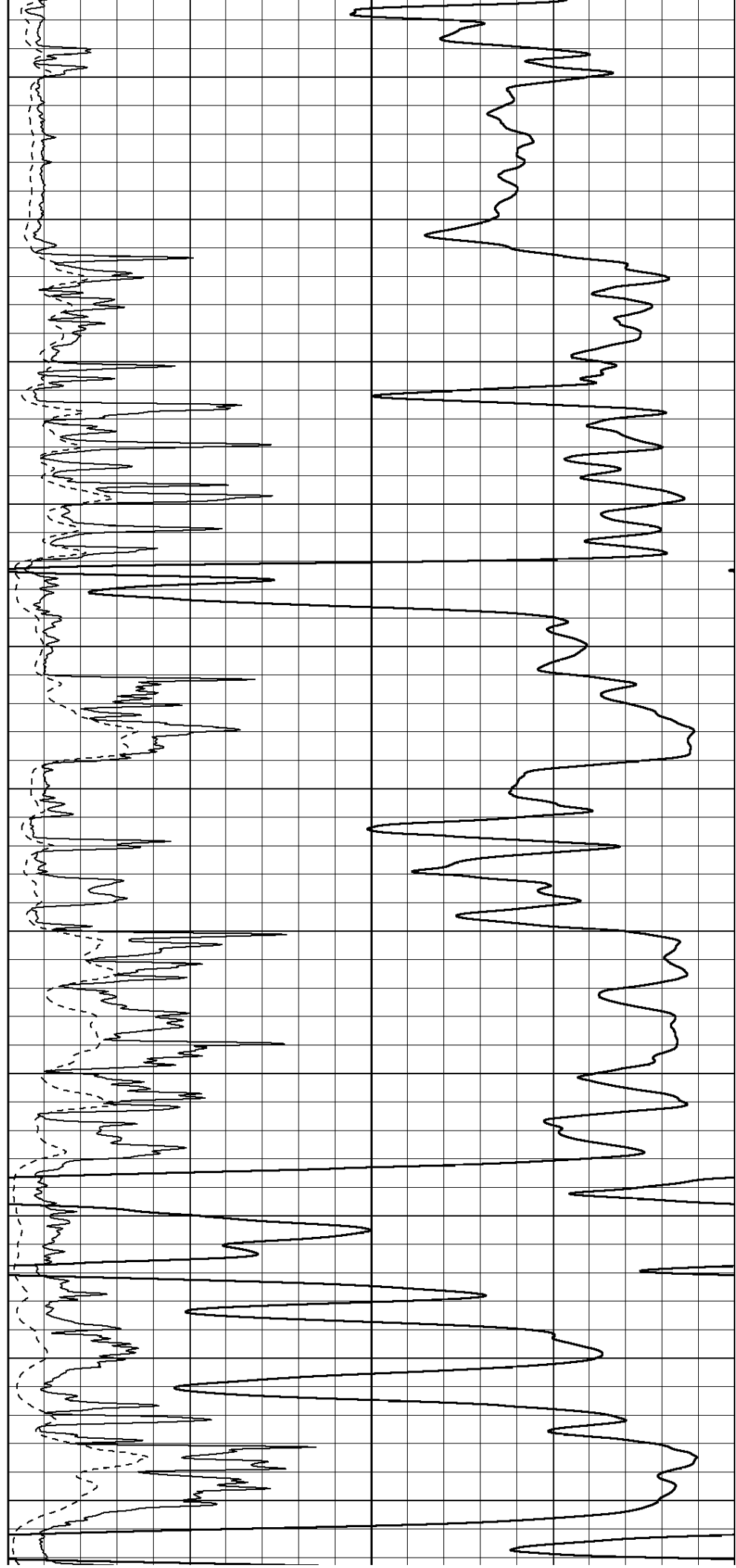
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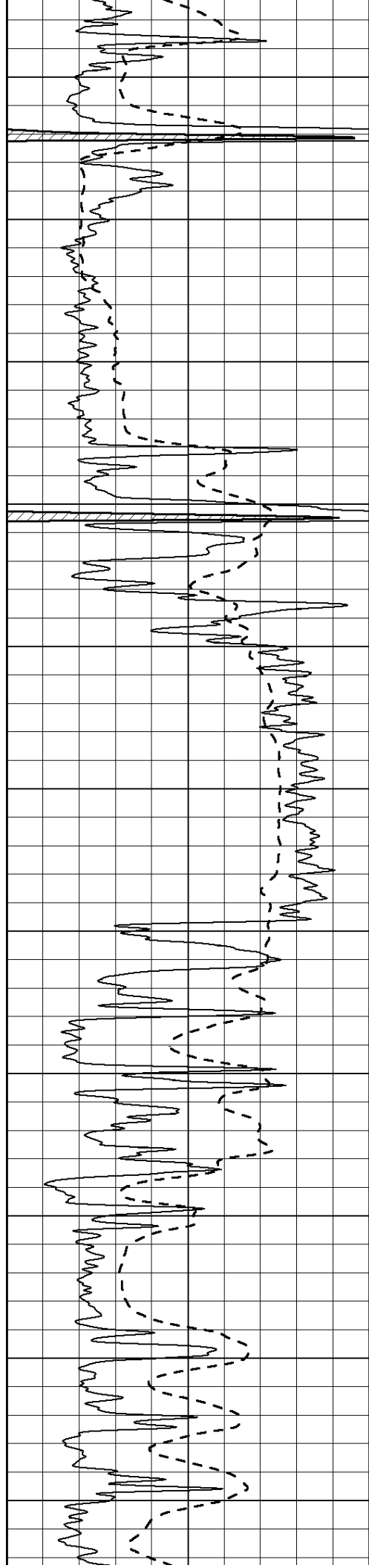
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3600

3650

3700





3750

3800

3850

3900

3950

4000

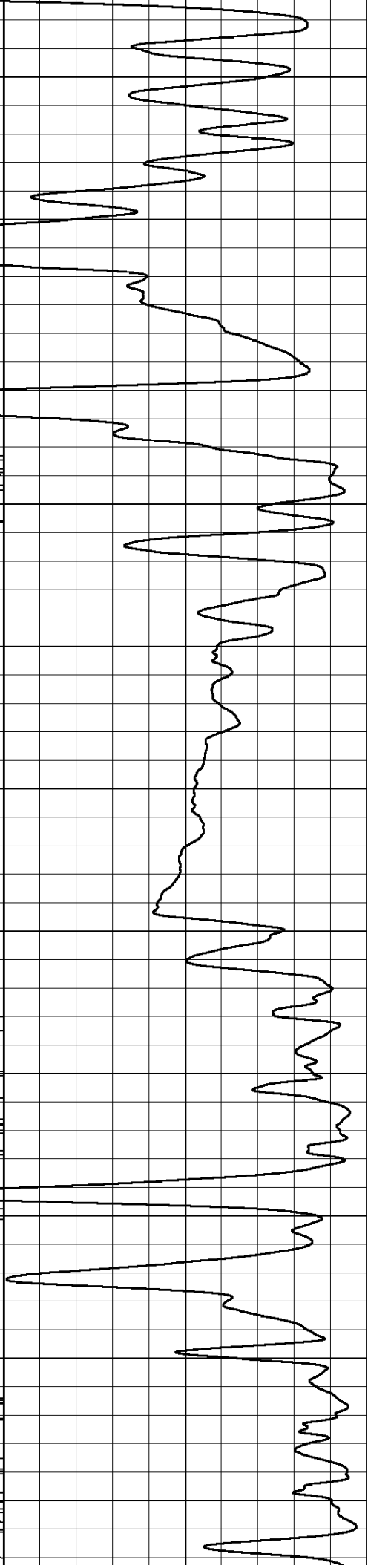
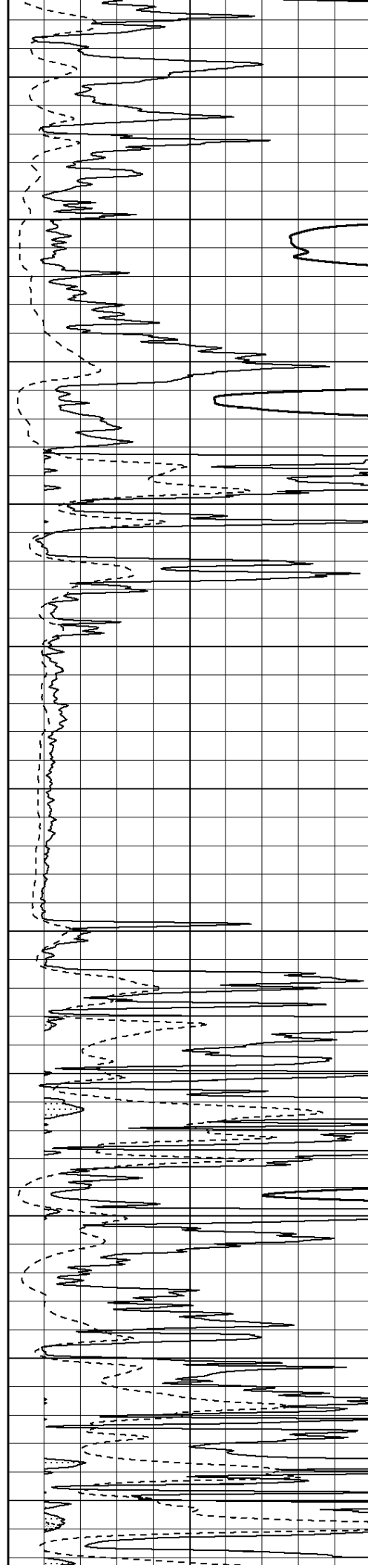
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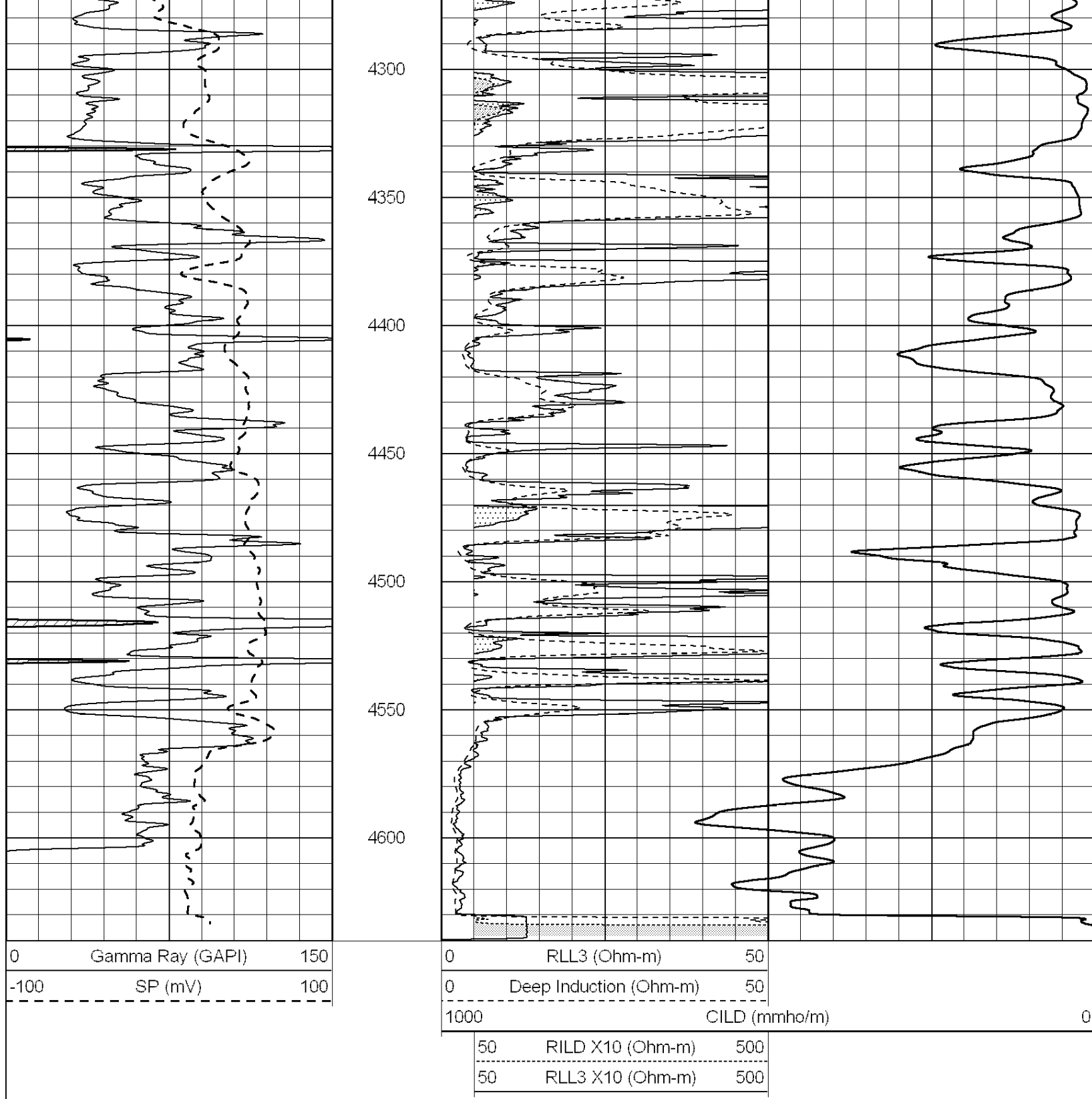
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4150

4200

4250



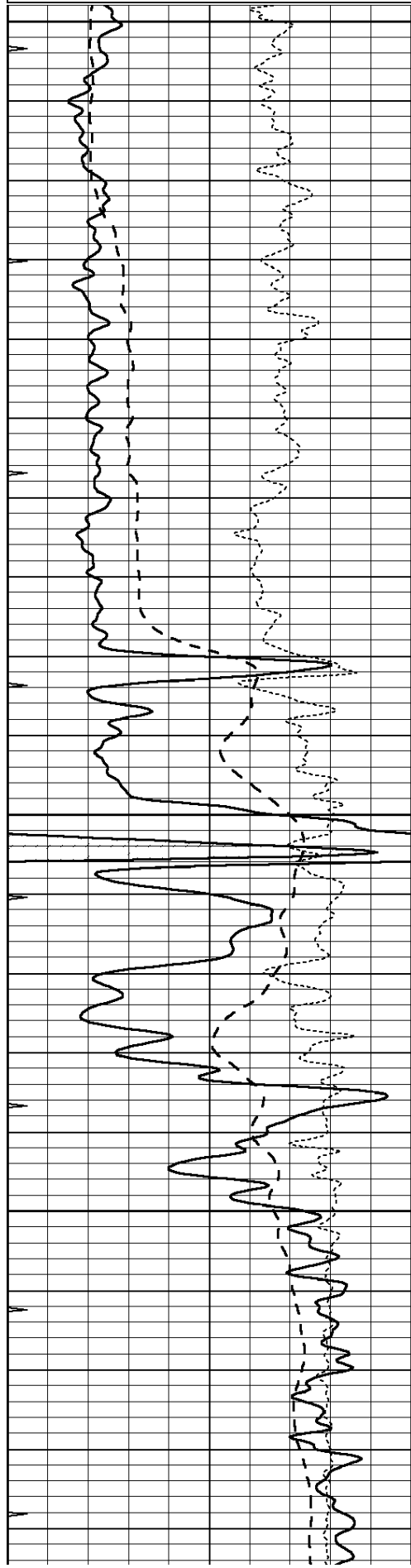


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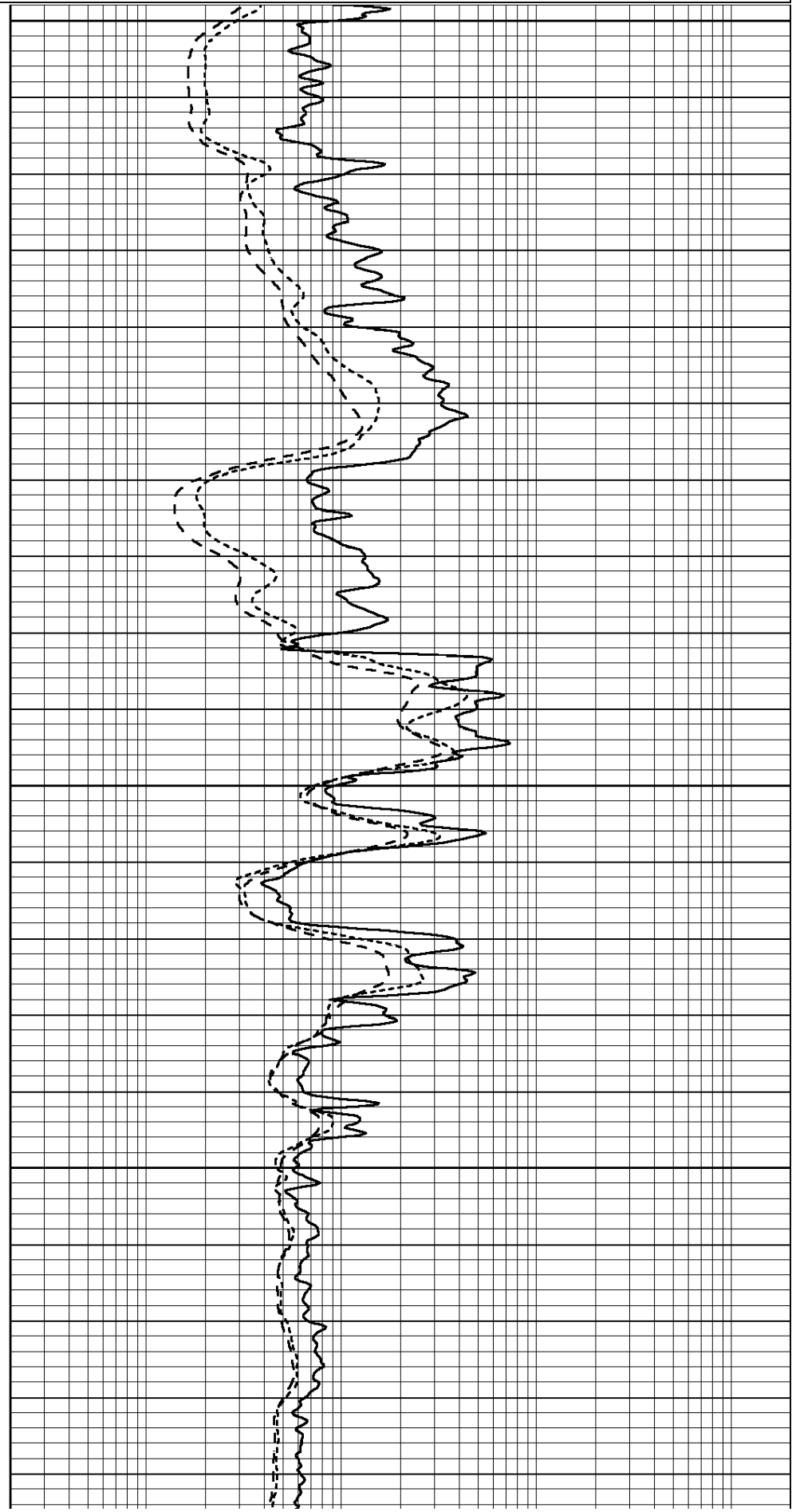
MAIN SECTION

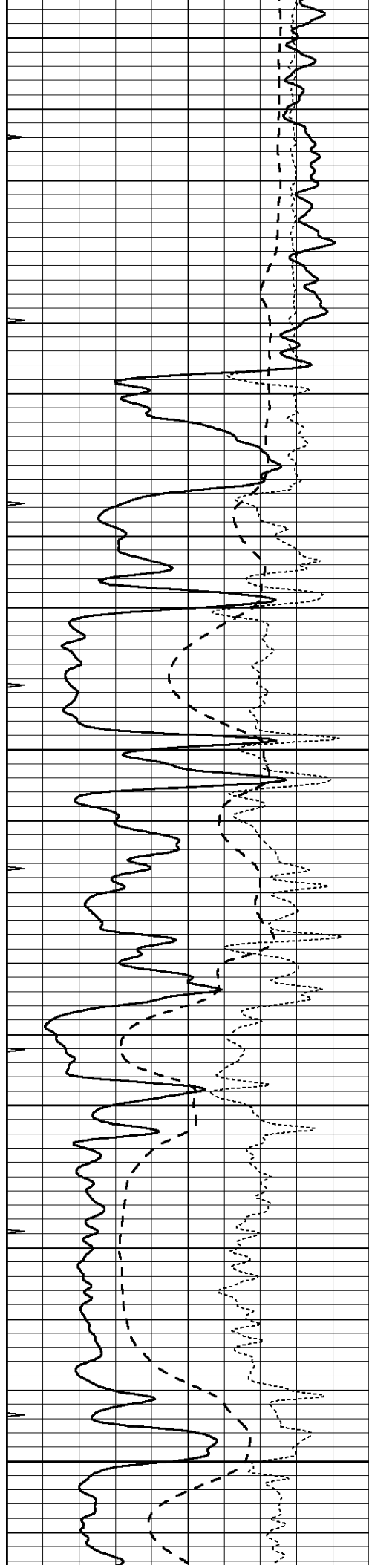
Database File: 006305ddn.db
 Dataset Pathname: pass3.1A
 Presentation Format: dil
 Dataset Creation: Sun Dec 05 20:30:56 2010
 Charted by: Depth in Feet scaled 1:240

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



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





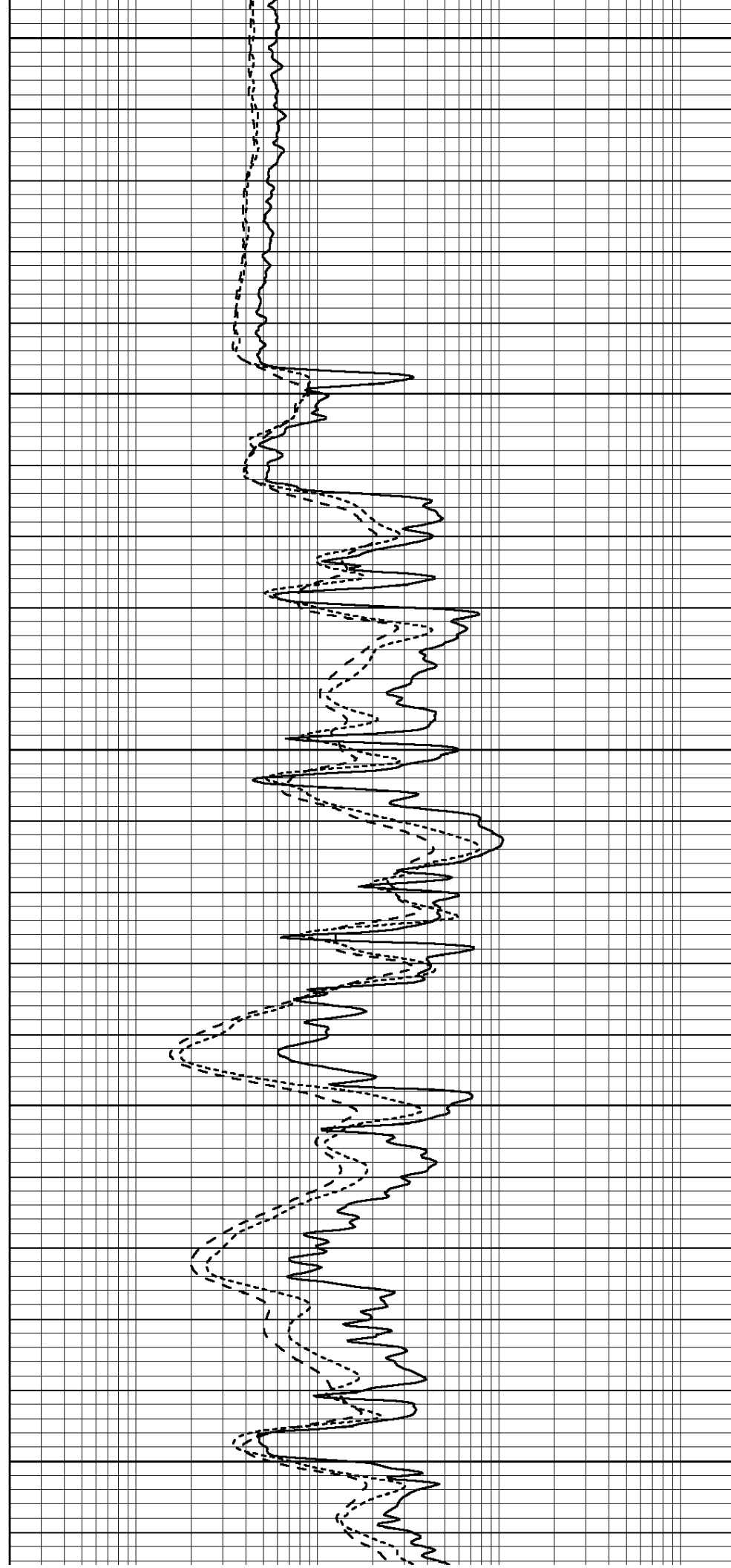
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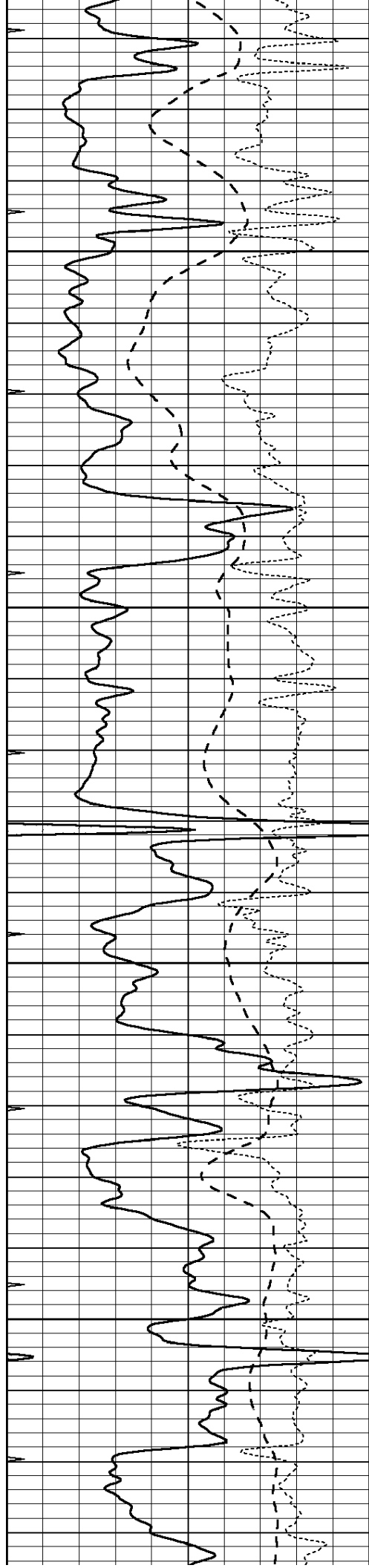
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4100

4150

4200



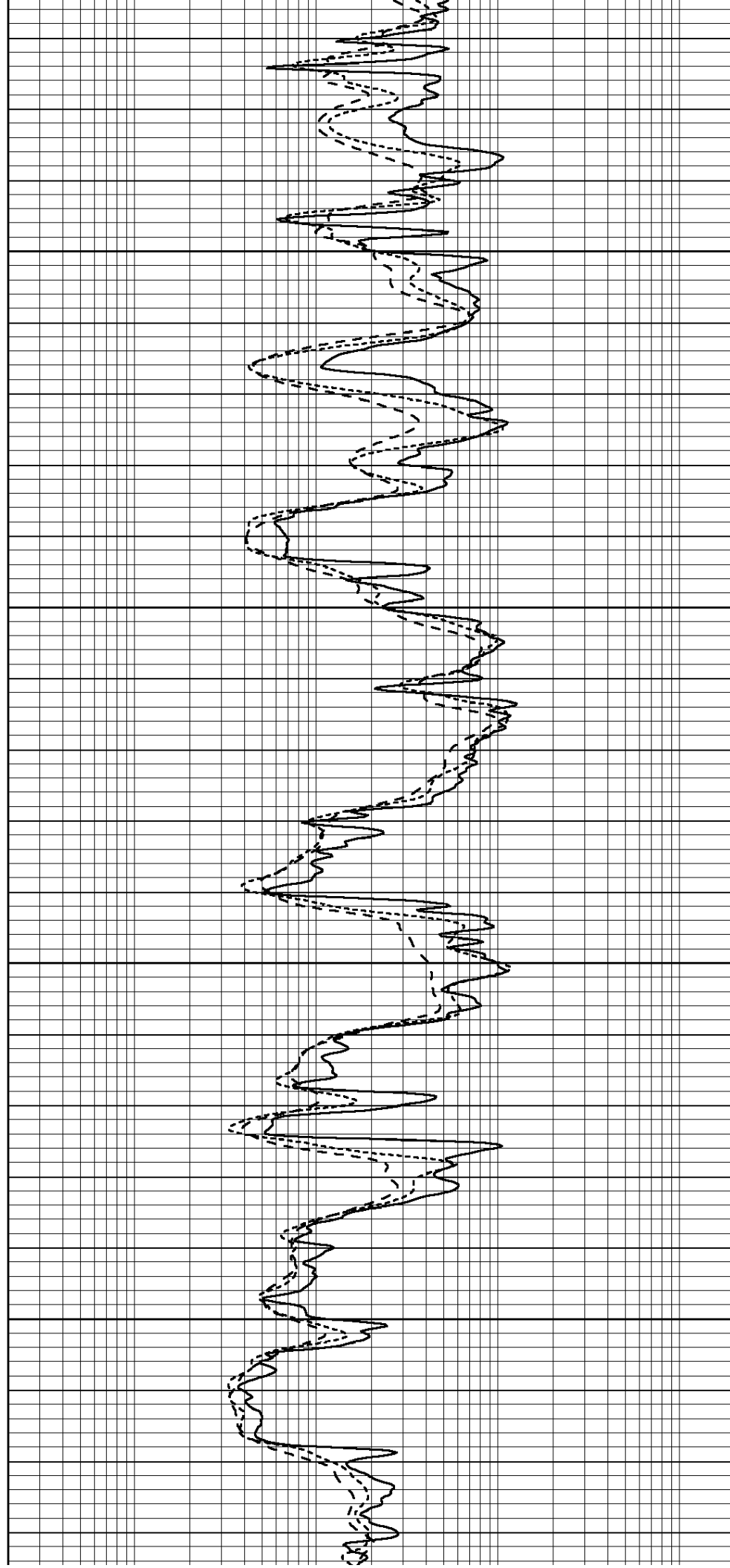


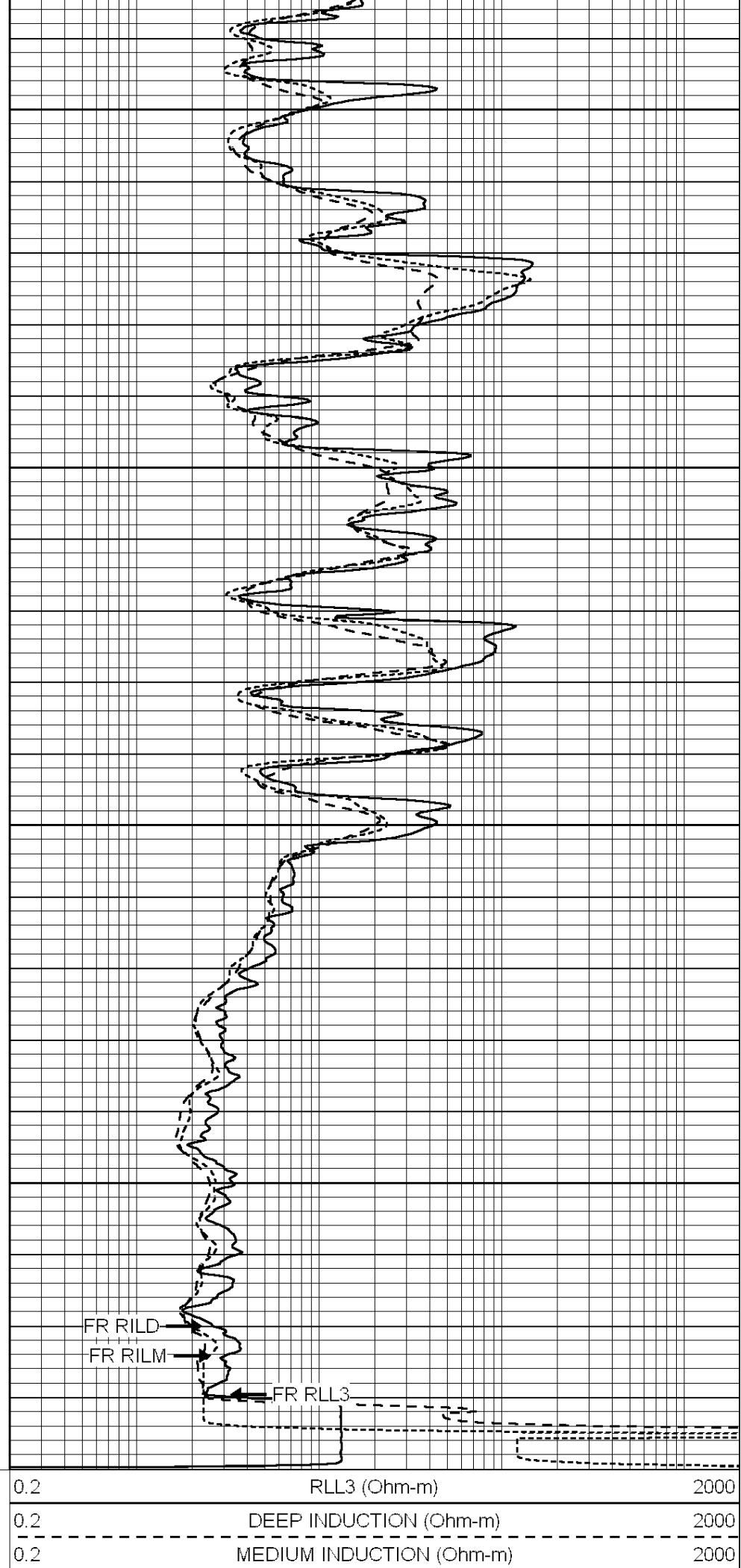
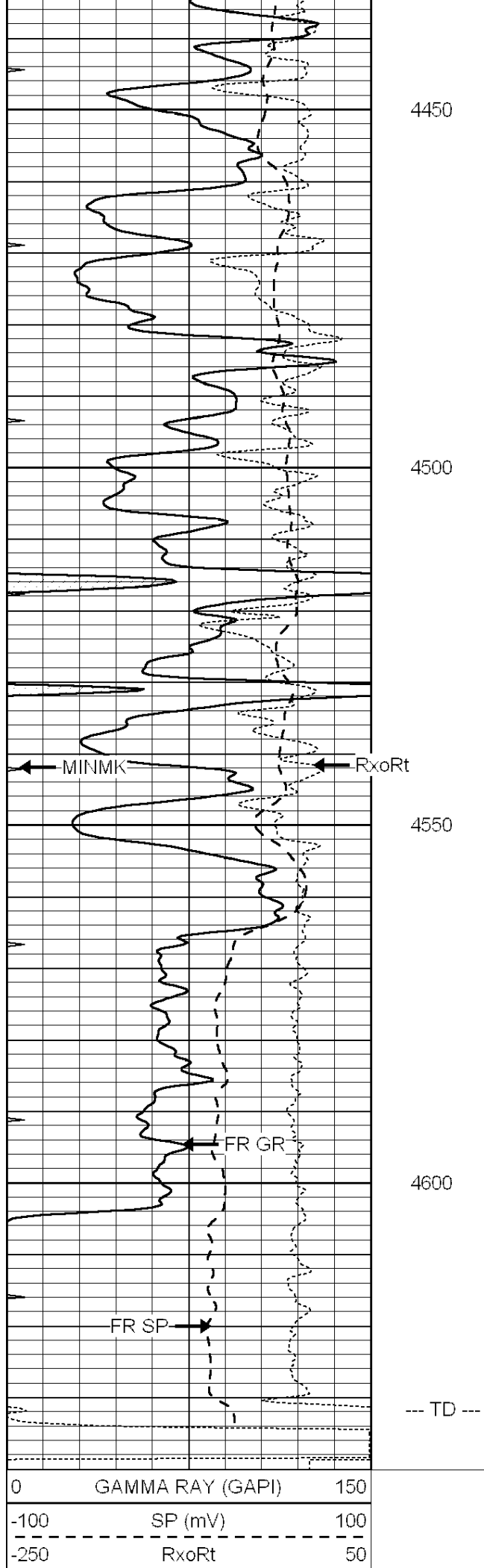
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4300

4350

4400







SUPERIOR

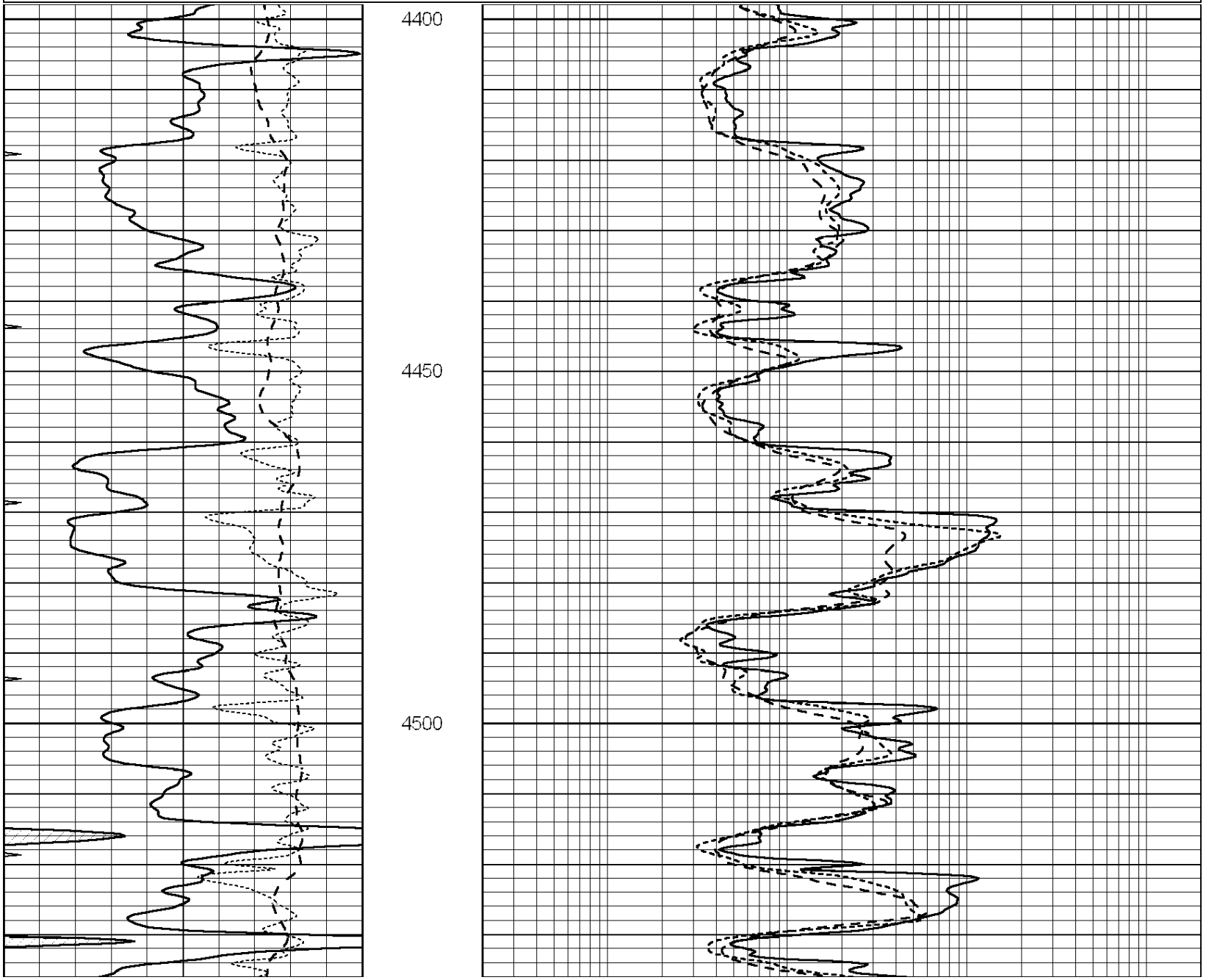
WELL SERVICES

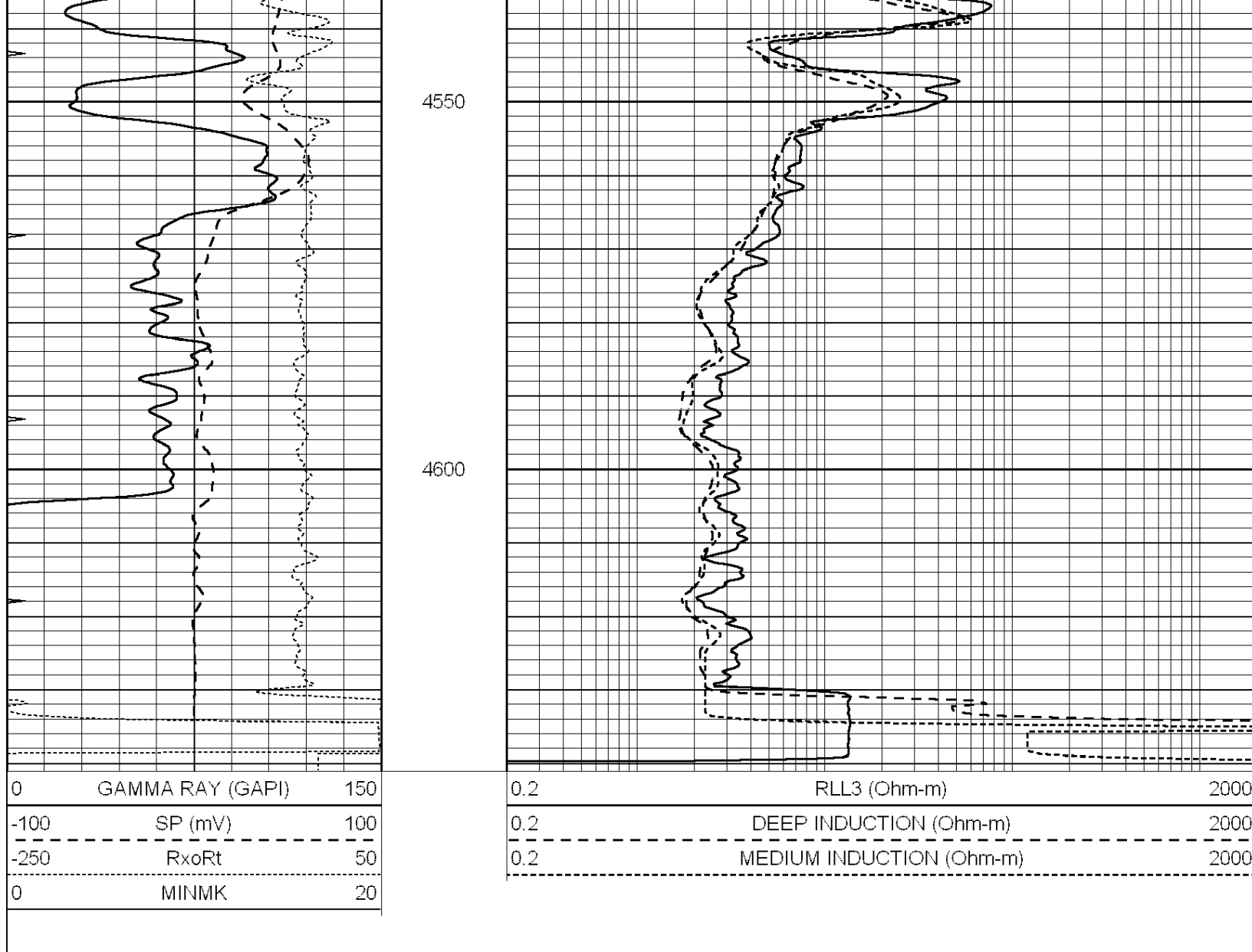
Hays,
Kansas

REPEAT SECTION

Database File:	006305ddn.db
Dataset Pathname:	pass2.1
Presentation Format:	dil
Dataset Creation:	Sun Dec 05 19:02:01 2010 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			





Calibration Report								
Database File:		006305ddn.db						
Dataset Pathname:		pass3.1A						
Dataset Creation:		Sun Dec 05 20:30:56 2010						
Dual Induction Calibration Report								
Serial-Model:			DIL5-GEAR					
Performed:			Sun Dec 05 15:29:57 2010					
Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.004	0.654	V	0.000	400.000	mmho/m	540.000	-7.000
Medium	-0.005	0.737	V	0.000	462.500	mmho/m	520.000	-11.000
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

	Density		Far Detector		Near Detector	
Magnesium	1.710	g/cc	1243.76		629.14	cps
Aluminum	2.590	g/cc	282.16		435.01	cps
Spine Angle = 76.03			Density/Spine Ratio = 0.576			
	Size		Reading			
Small Ring	7.60	in	3.82		V	
Large Ring	14.00	in	6.37		V	

Compensated Neutron Calibration Report

Serial Number: NEU_1I
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: Sun Dec 05 19:55:56 2010

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 1.0 cps

Sensitivity: 0.6500 GAPI/cps