



**SUPERIOR
Hays,
Kansas**

DUAL INDUCTION LOG

Company	VINCENT OIL CORPORATION	Location:	API # : 15-057-20687	Other Services CDL/CNL/PE SONIC/MEL
Well	FISCHER #1-11	SEC 11 TWP 26S RGE 24W 1470' FNL & 1940' FWL		
Field	WILDCAT			
County	FORD	State	KANSAS	
Permanent Datum Log Measured From Drilling Measured From				
GROUND LEVEL KELLY BUSHING 12' A.G.L. KELLY BUSHING				
Elevation K.B. 2502 D.F. G.L. 2490				
Date	7-9-10			
Run Number	ONE			
Depth Driller	5050			
Depth Logger	5050			
Bottom Logged Interval	5048			
Top Log Interval	00			
Casing Driller	311			
Casing Logger	310			
Bit Size	7.875			
Type Fluid in Hole	CHEMICAL MUD			
Density / Viscosity	9.3 / 56			
pH / Fluid Loss	10.0 / 10.0			
Source of Sample	FLOWLINE			
Rim @ Meas. Temp	0.60 @ 87F			
Rmf @ Meas. Temp	0.45 @ 87F			
Rmc @ Meas. Temp	0.72 @ 87F			
Source of Rmf / Rmc	MEASURED			
Rim @ BHT	.420 @ 125F			
Time Circulation Stopped	3 HOURS			
Time Logger on Bottom	1:30 P.M.			
Maximum Recorded Temperature	125F			
Equipment Number	860			
Location	HAYS, KS.			
Recorded By	RUPP			
Witnessed By	JIM HALL			

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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: JCT. OF #283 & #50, 2N TO HORSESHOE RD., 1W, S INTO.



**SUPERIOR
Hays,
Kansas**

MAIN SECTION

Database File: 005220pdn.db
Dataset Pathname: pass4.A
Presentation Format: dil2
Dataset Creation: Fri Jul 09 14:48:25 2010 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:600

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

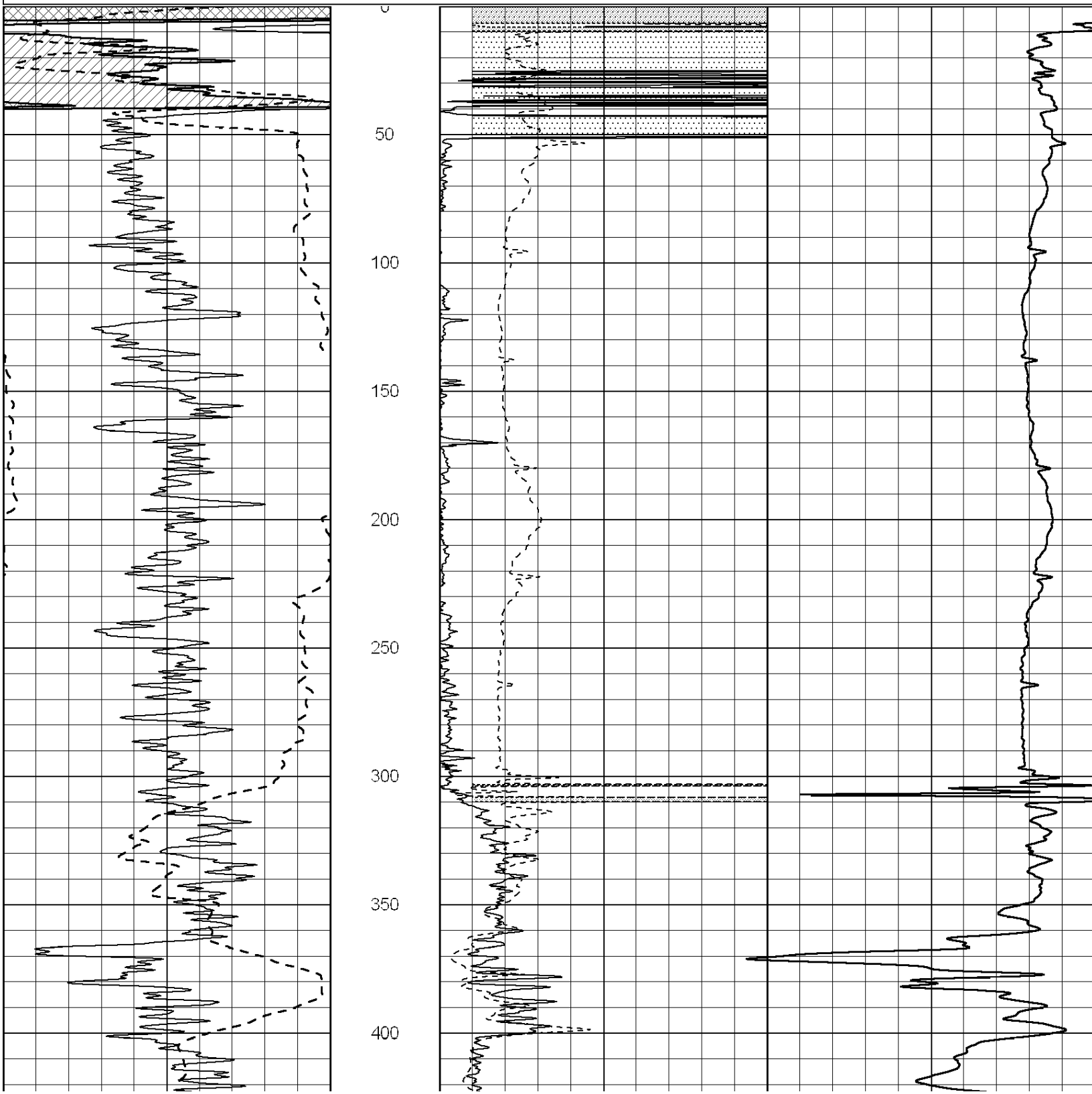
0	RLL3 (Ohm-m)	50
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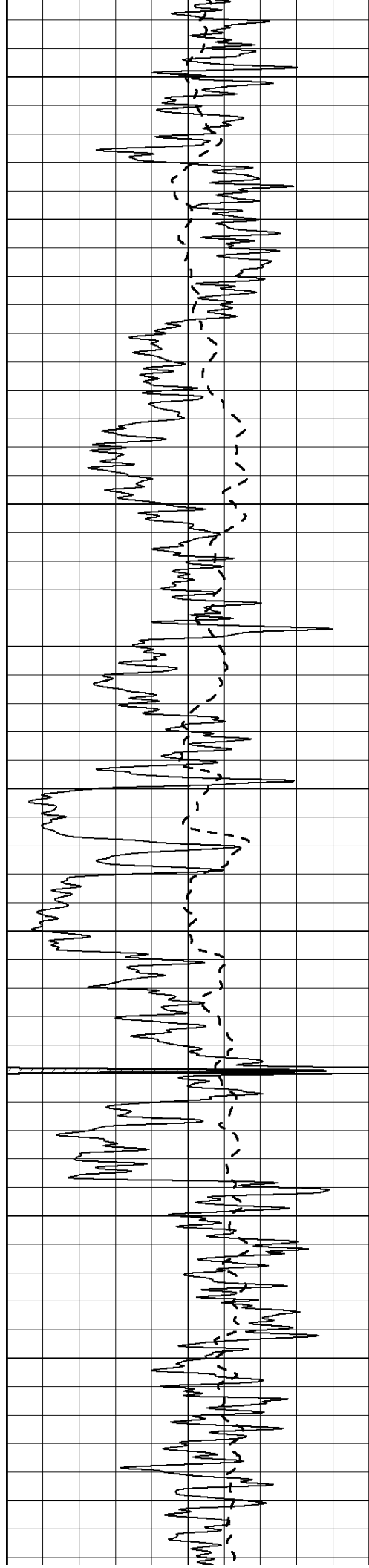
0	Deep Induction (Ohm-m)	50
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1000	CILD (mmho/m)	0
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50	RILD X10 (Ohm-m)	500
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50	RLL3 X10 (Ohm-m)	500
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450

500

550

600

650

700

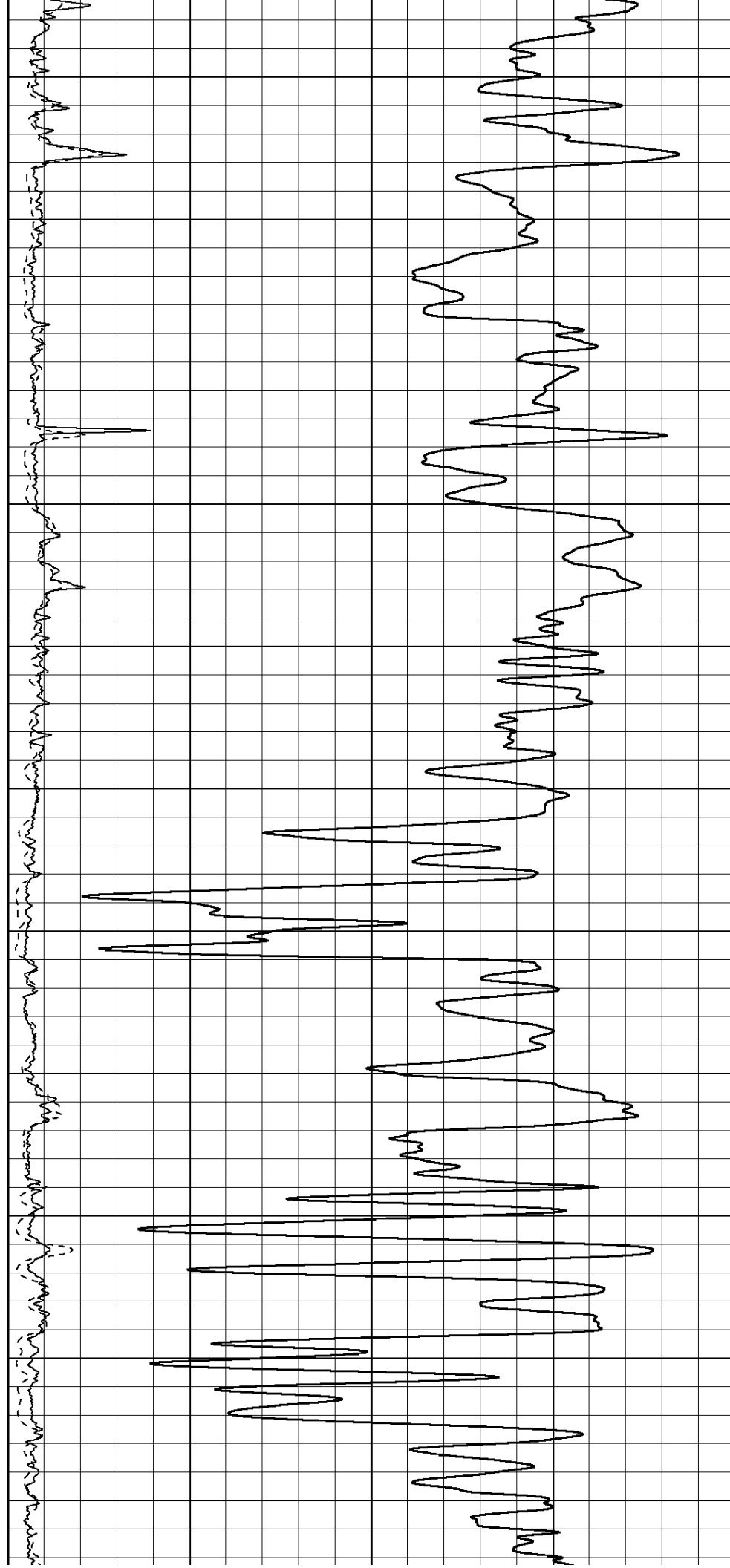
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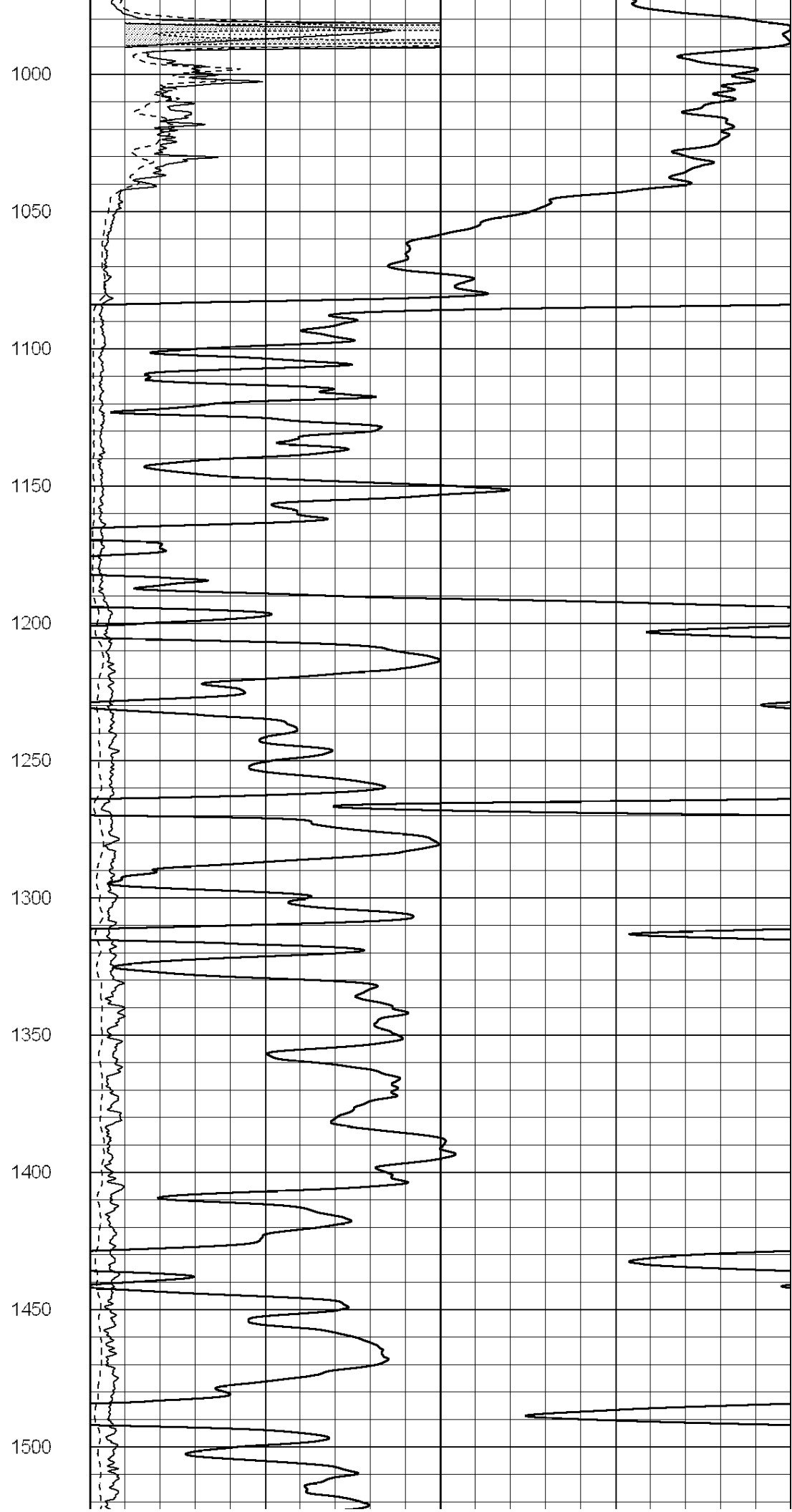
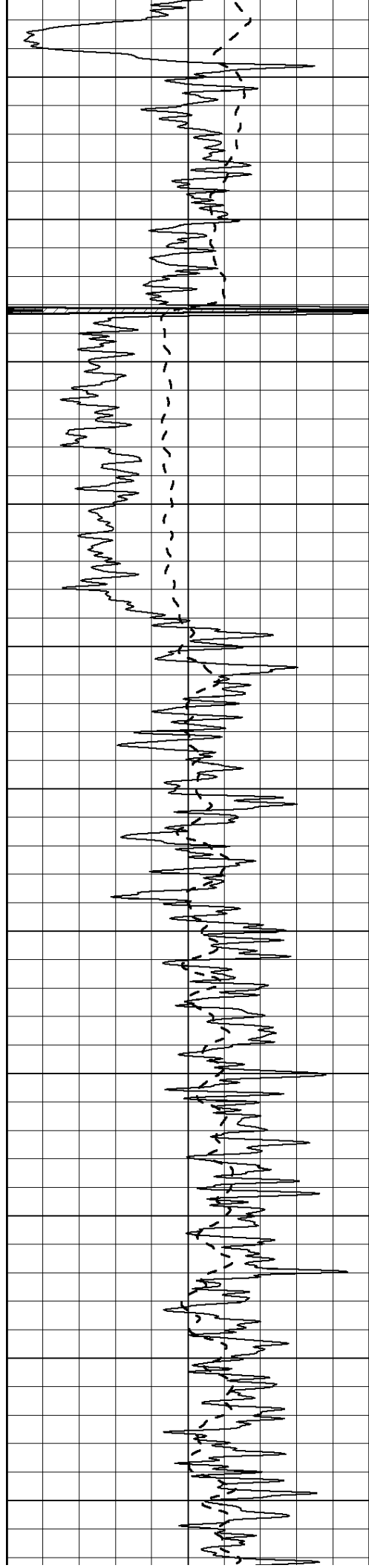
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850

900

950





1550

1600

1650

1700

1750

1800

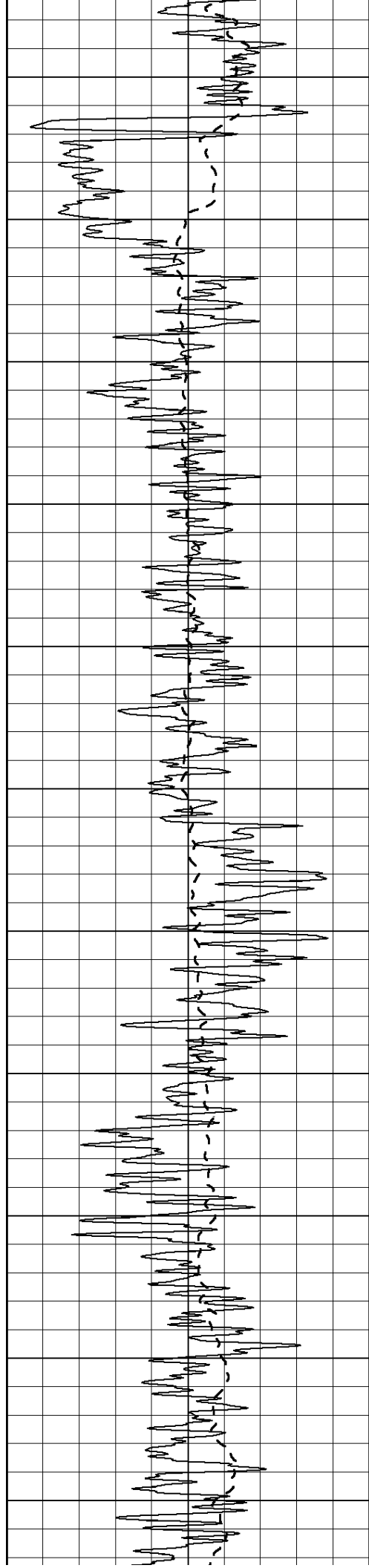
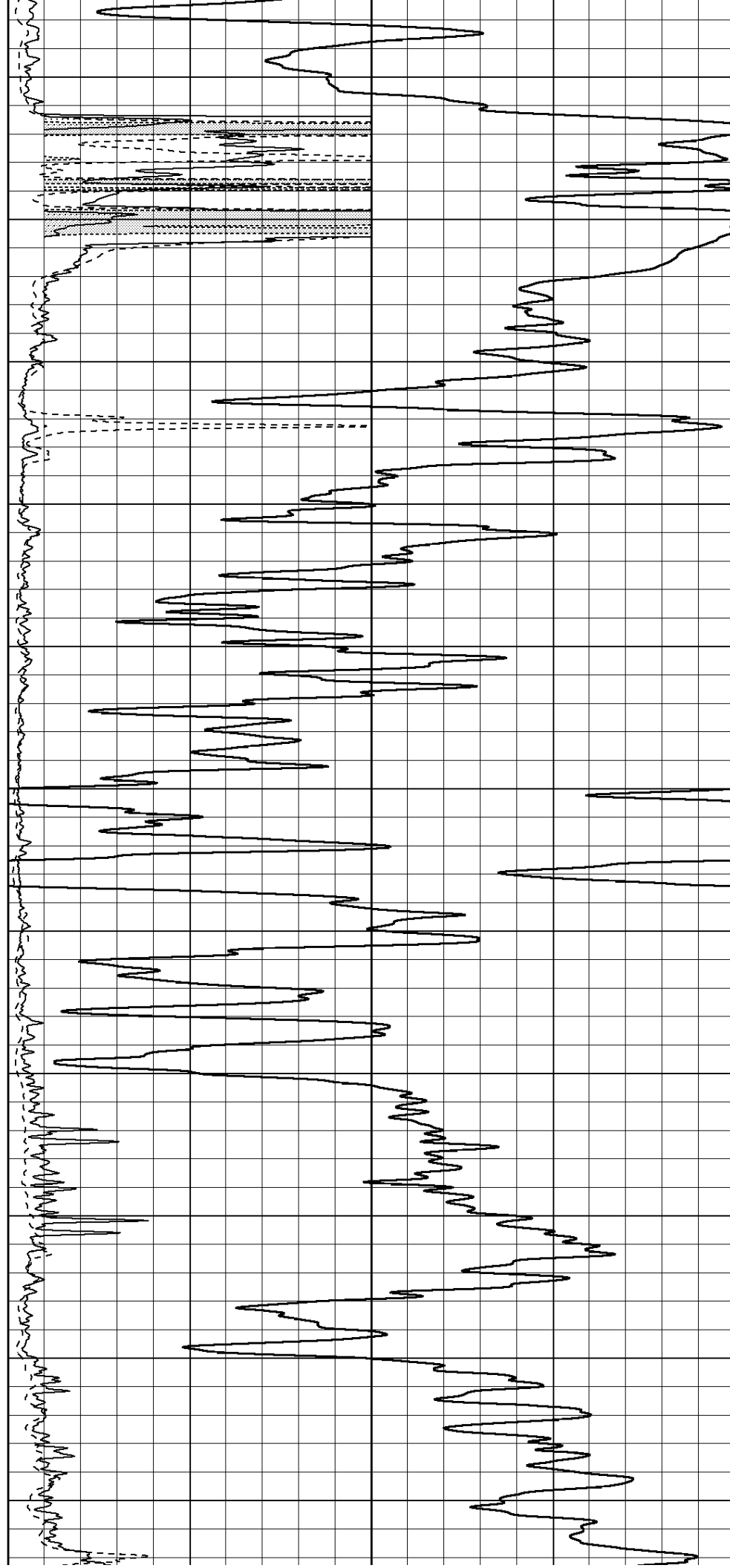
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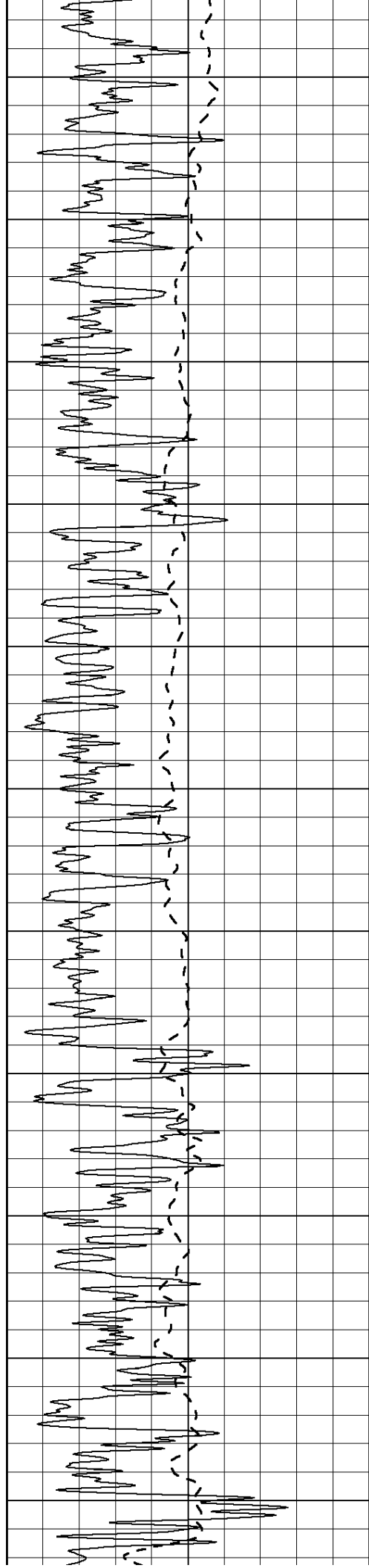
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1950

2000

2050





2100

2150

2200

2250

2300

2350

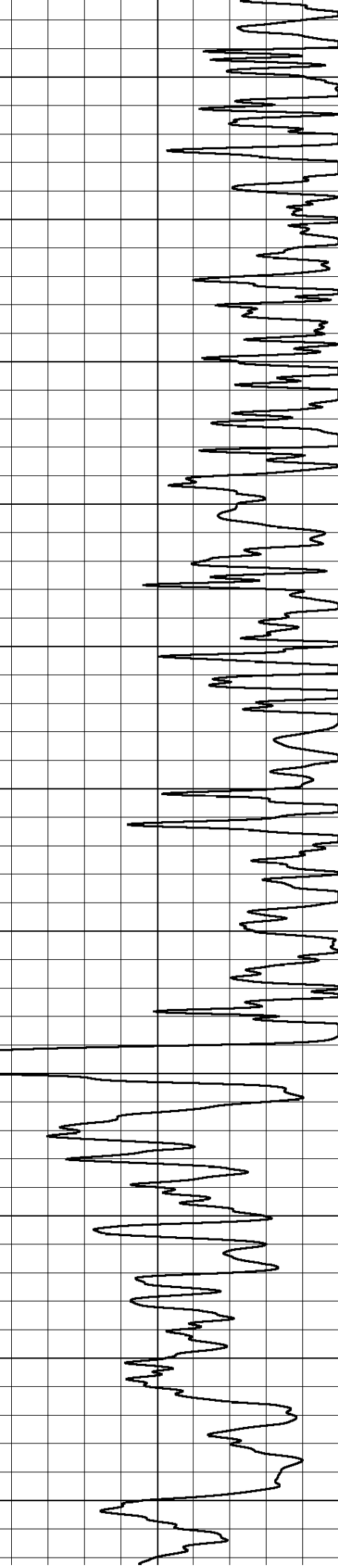
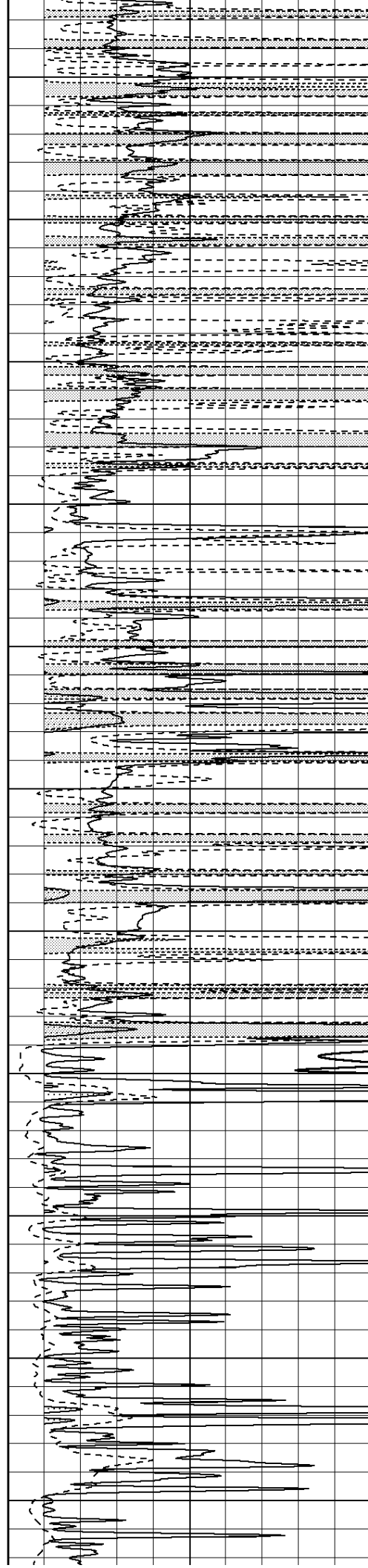
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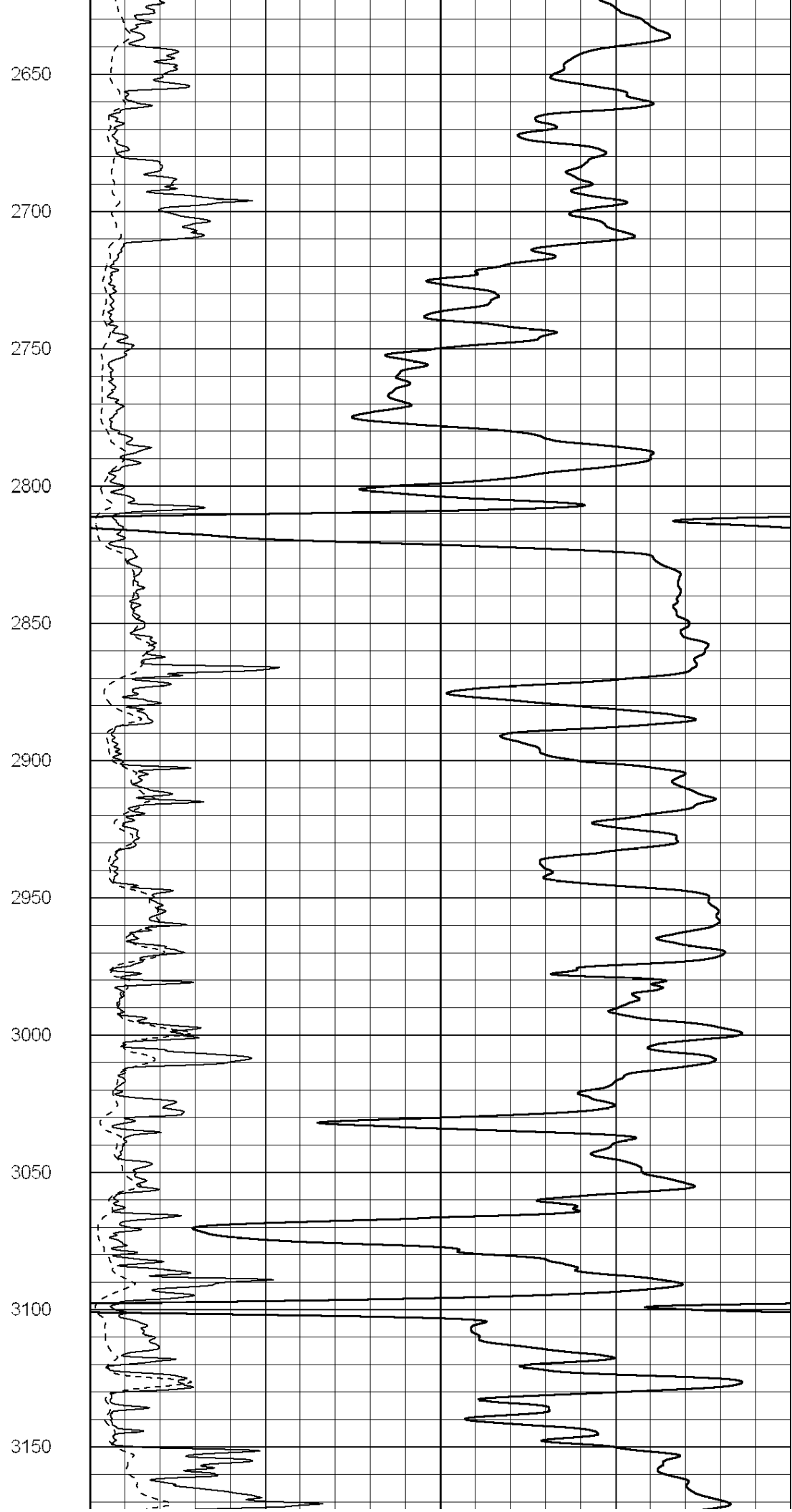
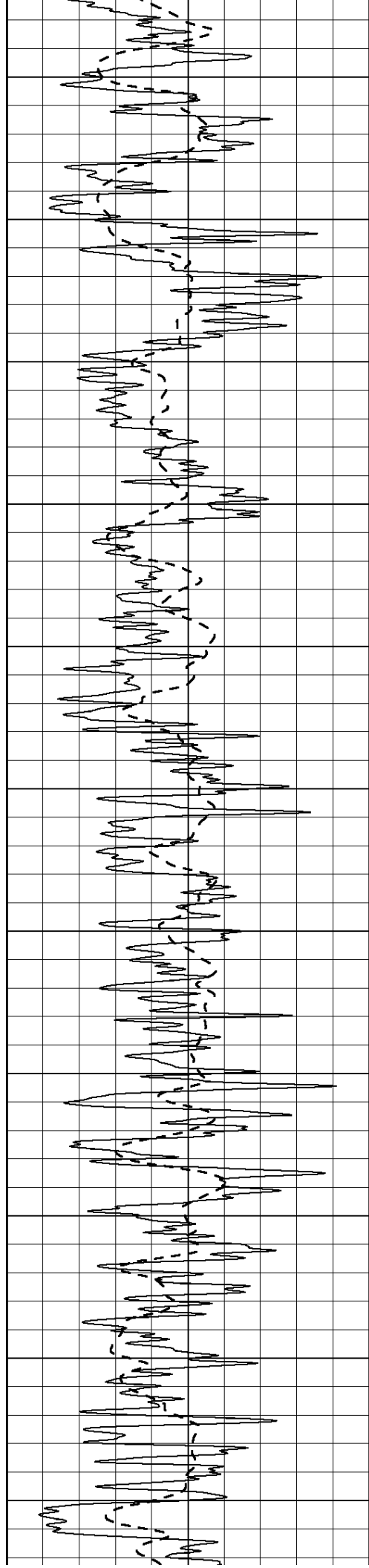
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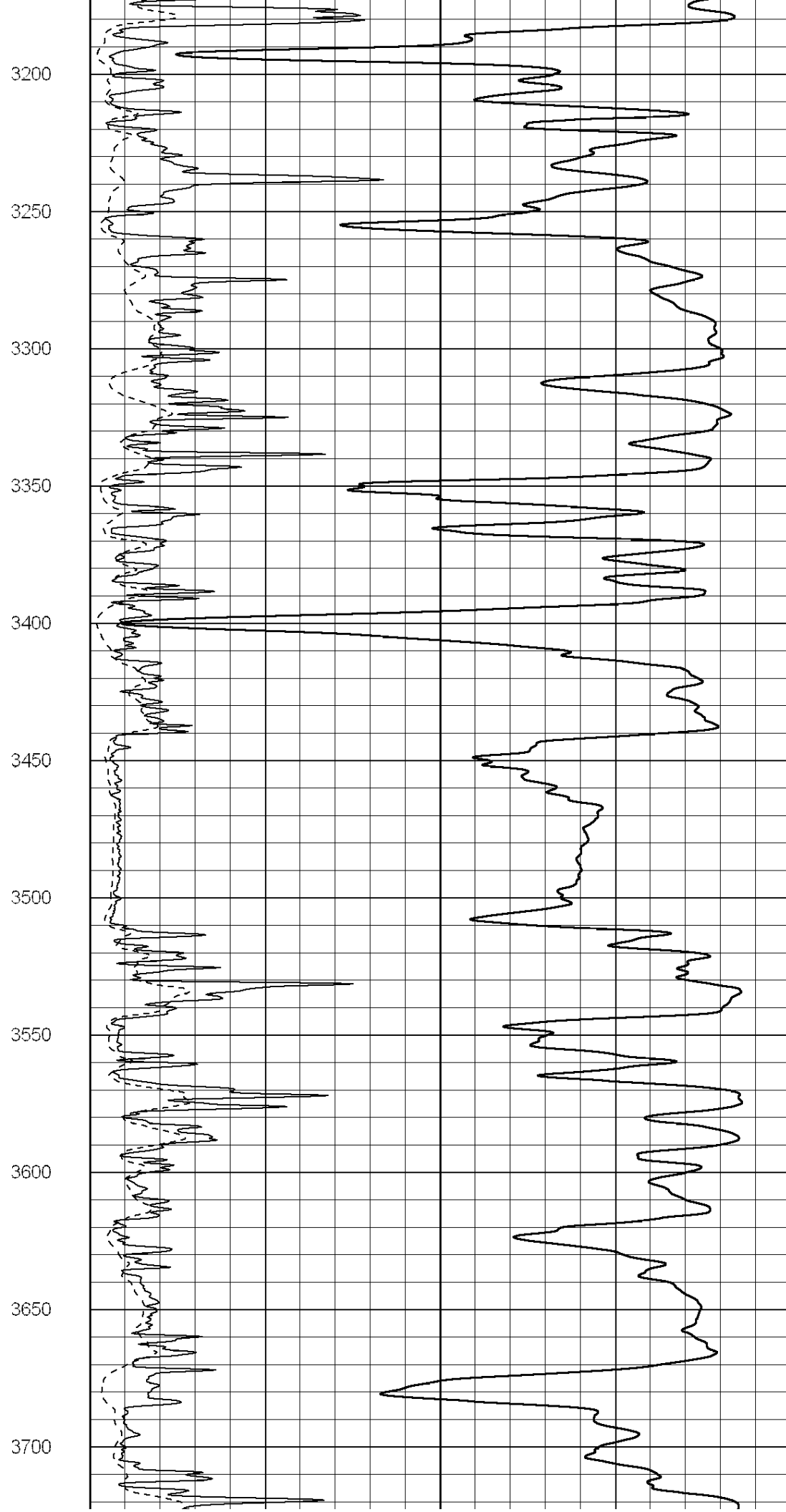
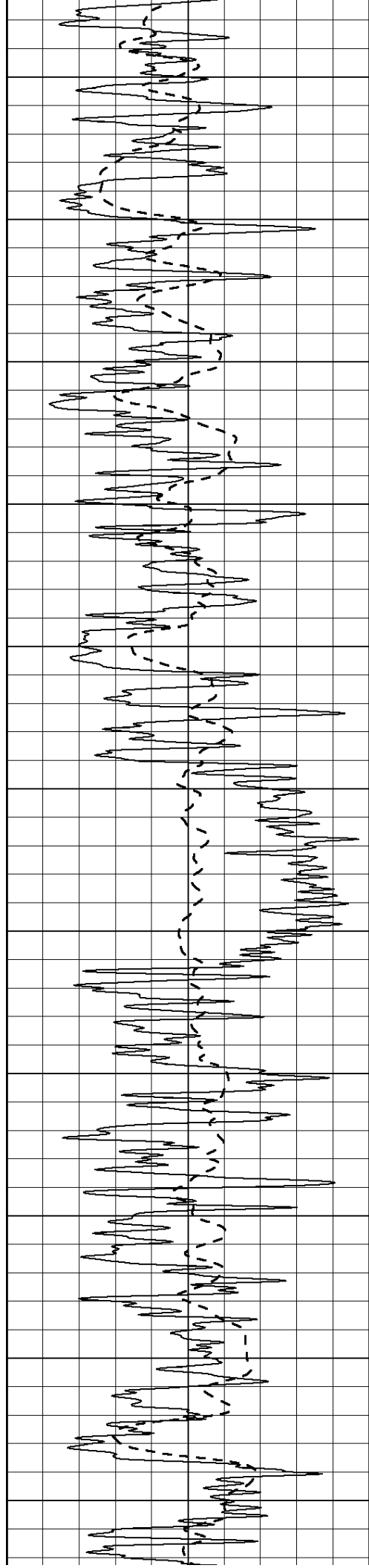
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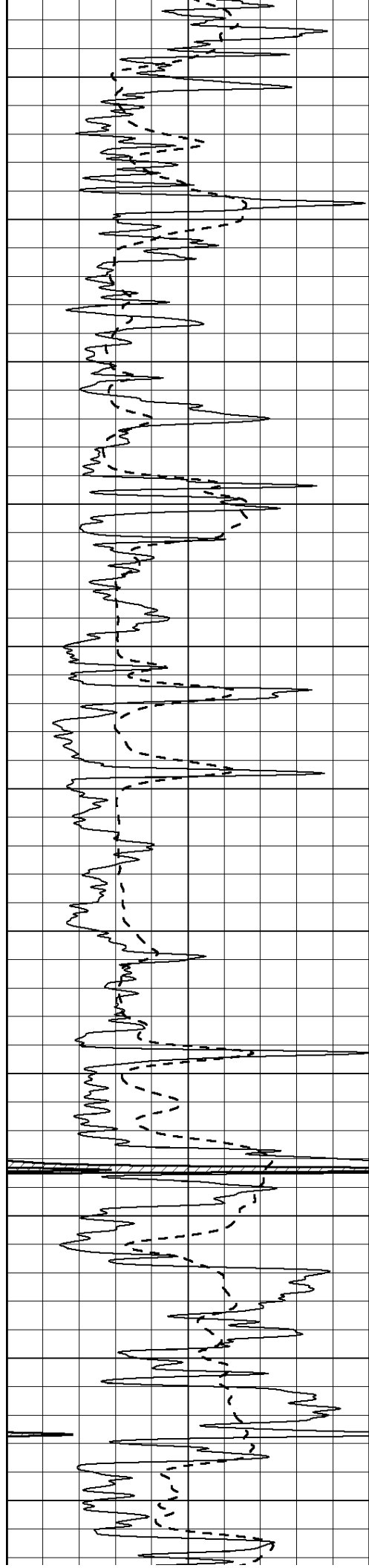
2550

2600









3750

3800

3850

3900

3950

4000

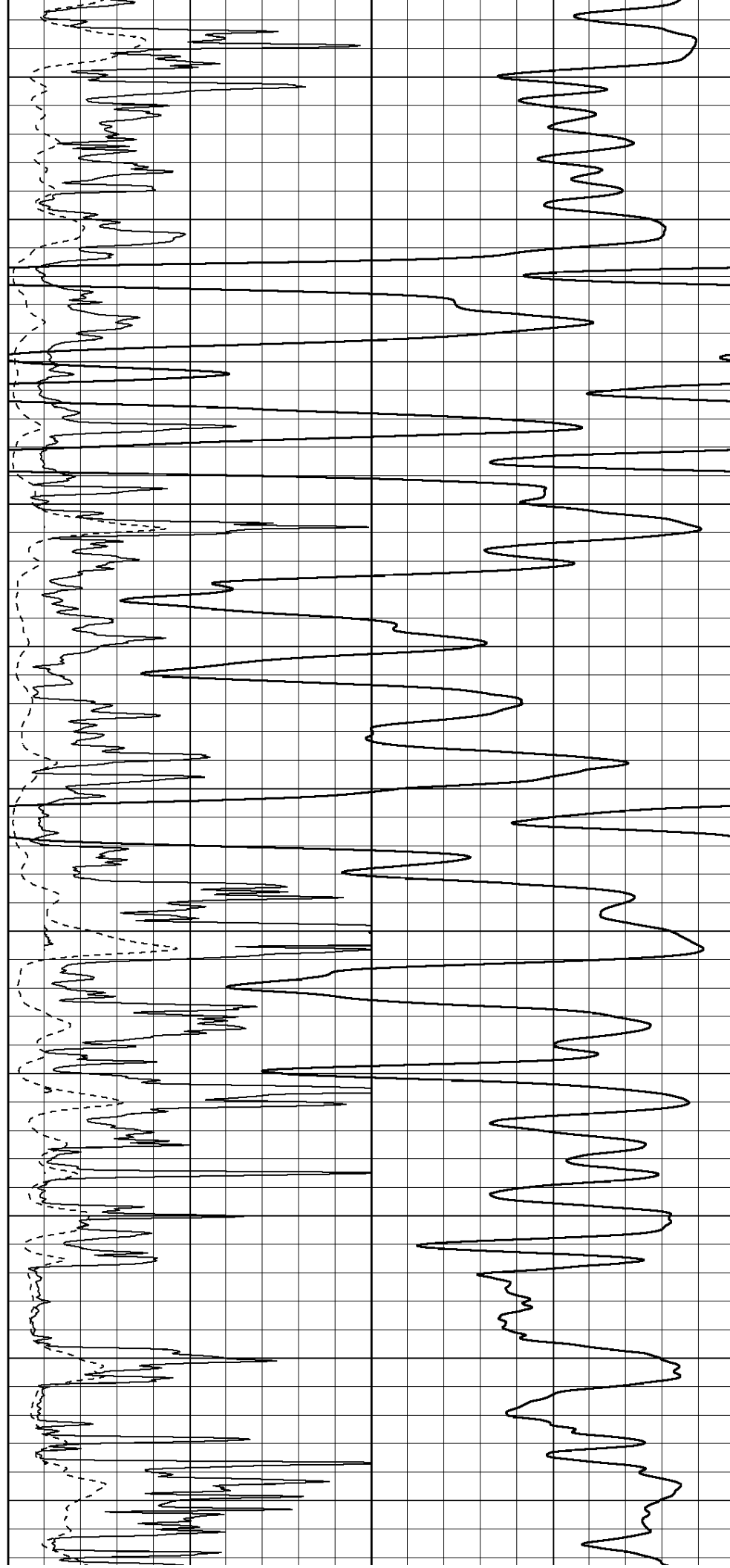
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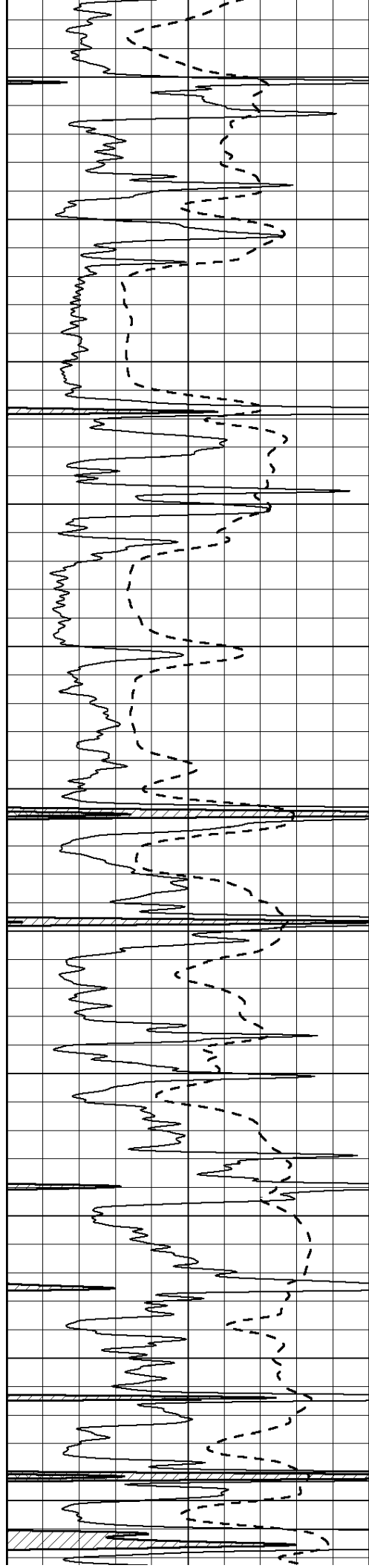
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4150

4200

4250





4300

4350

4400

4450

4500

4550

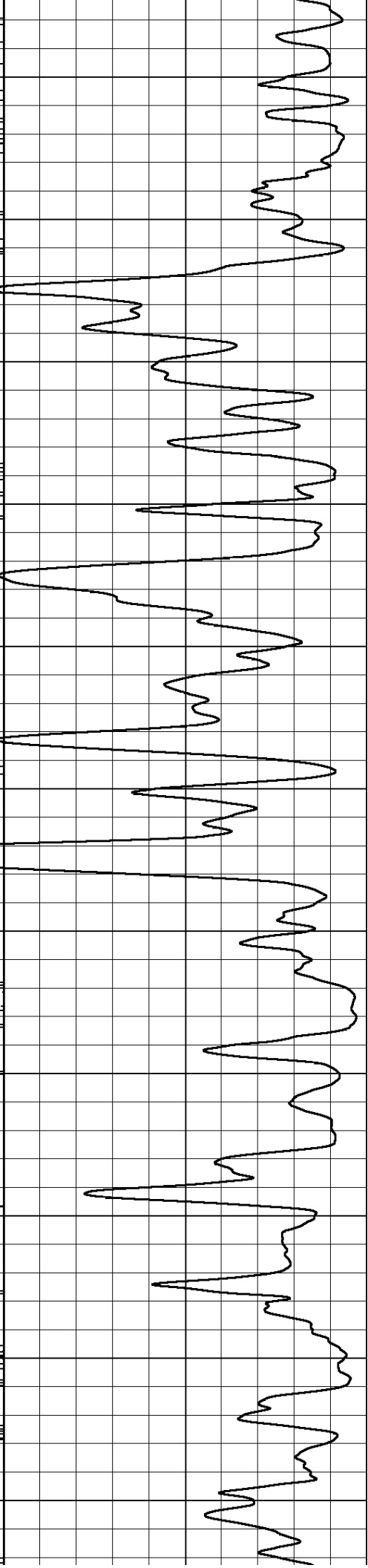
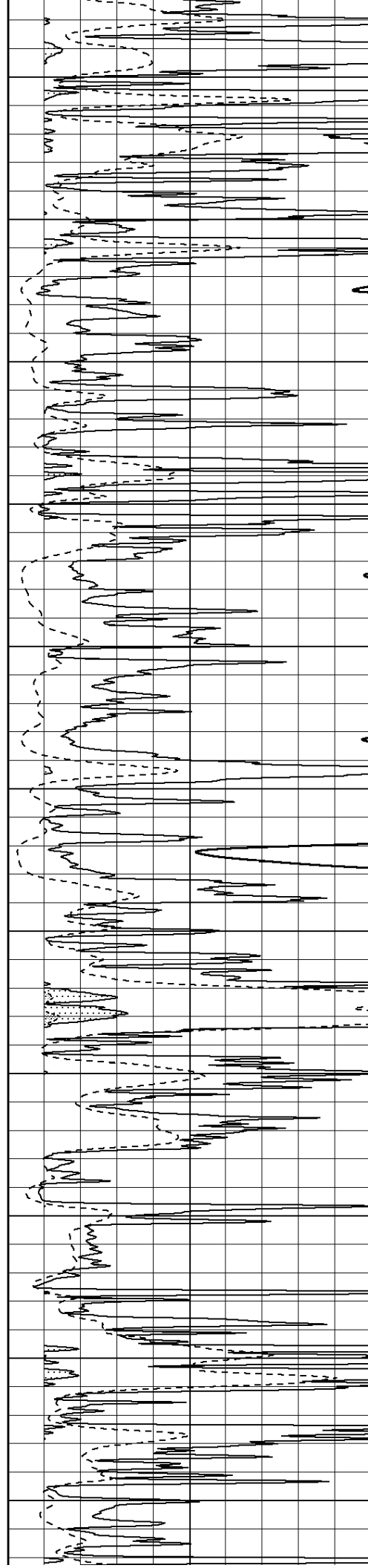
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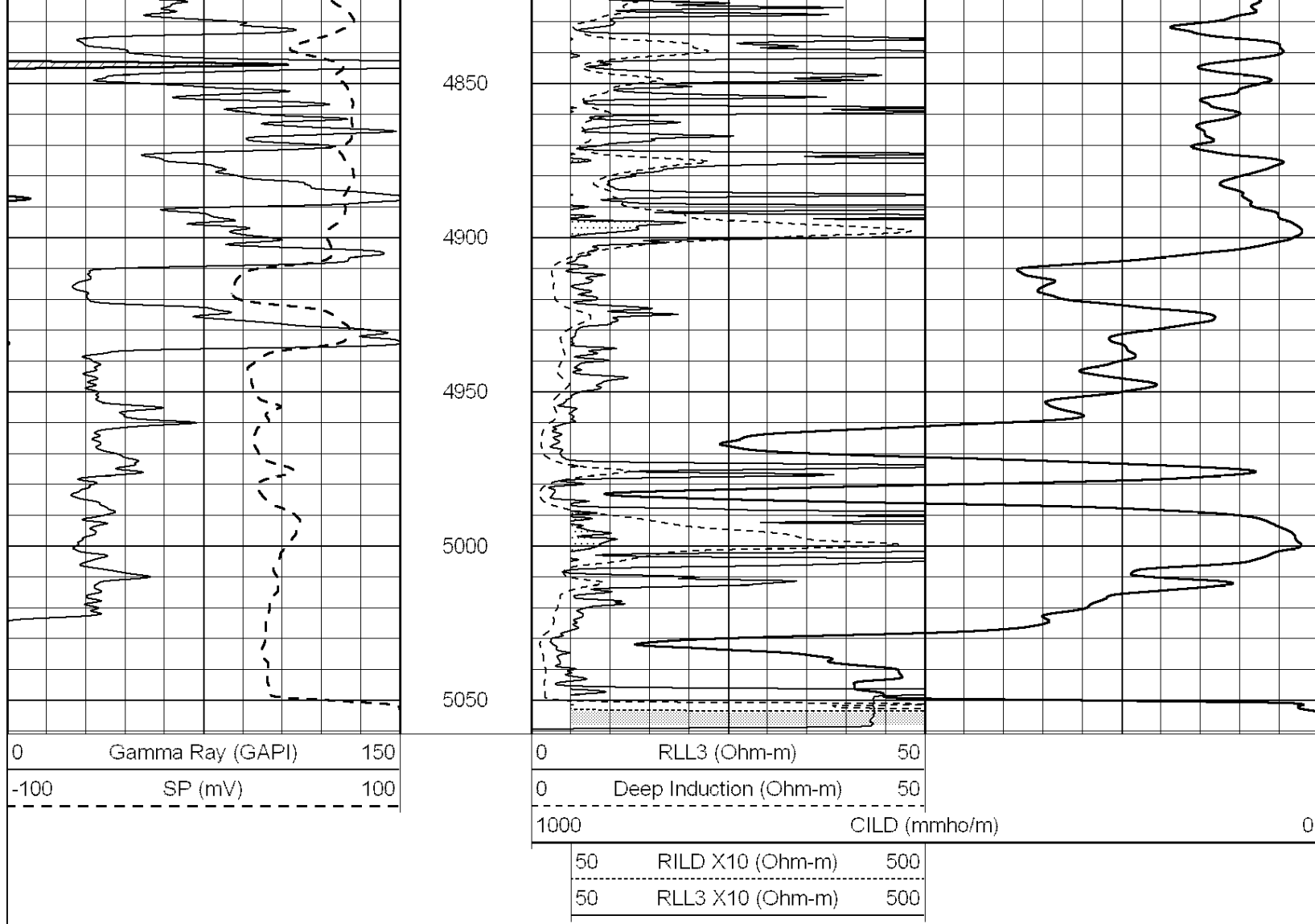
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4700

4750

4800



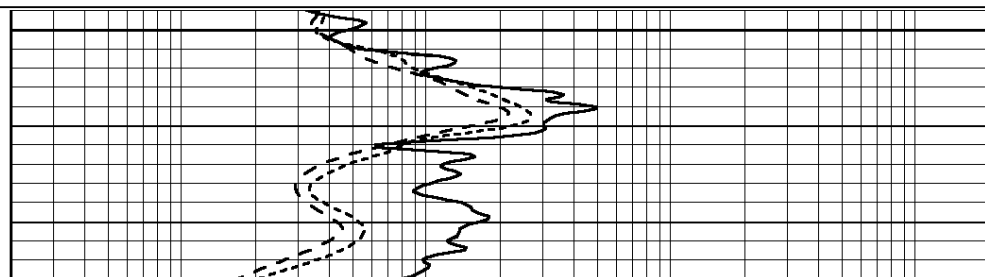
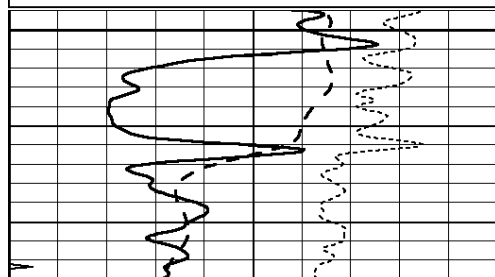


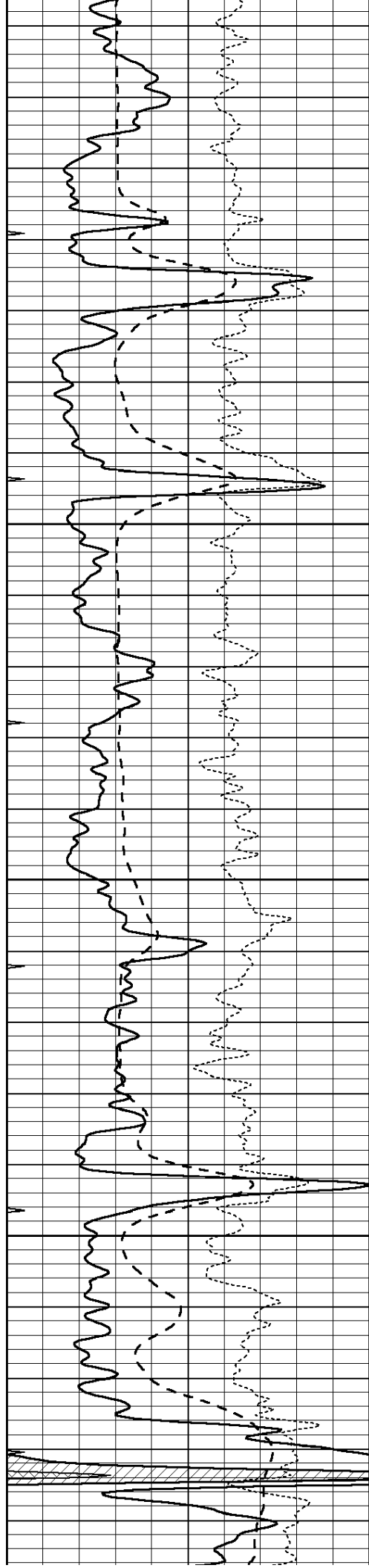
SUPERIOR
Hays,
Kansas

MAIN SECTION

Database File: 005220pdm.db
 Dataset Pathname: pass4.A
 Presentation Format: dil
 Dataset Creation: Fri Jul 09 14:48:25 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			



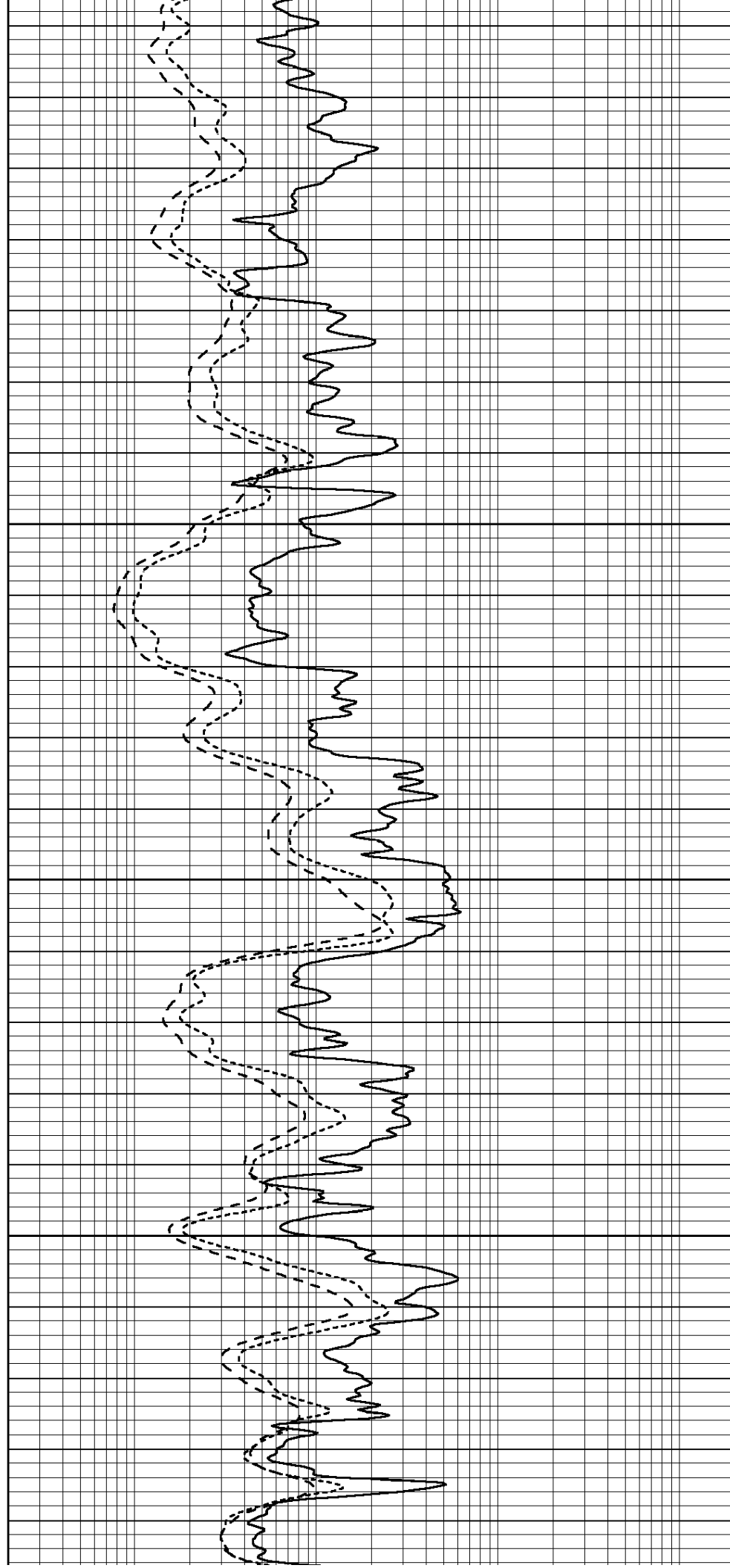


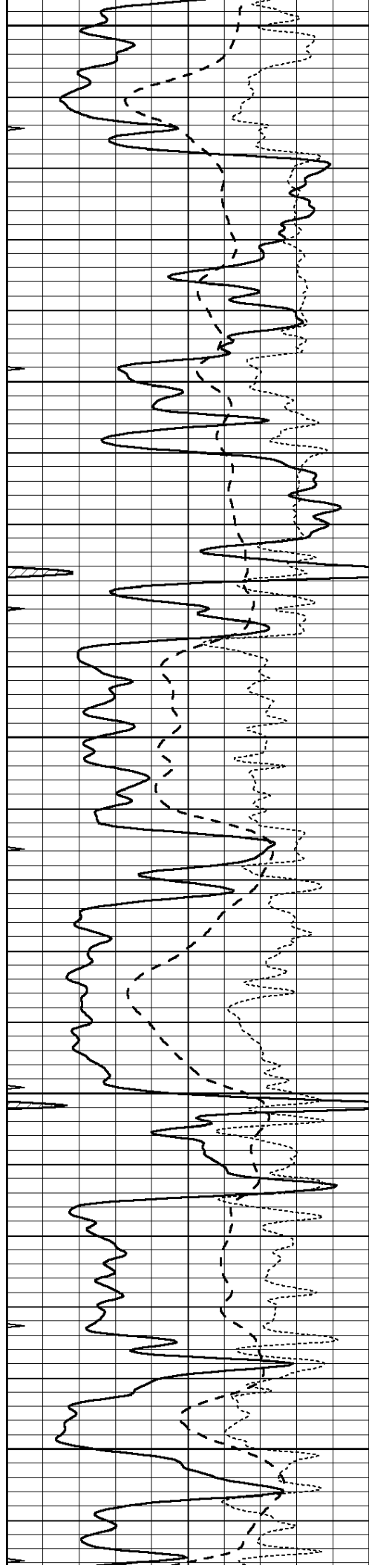
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4000

4050

4100





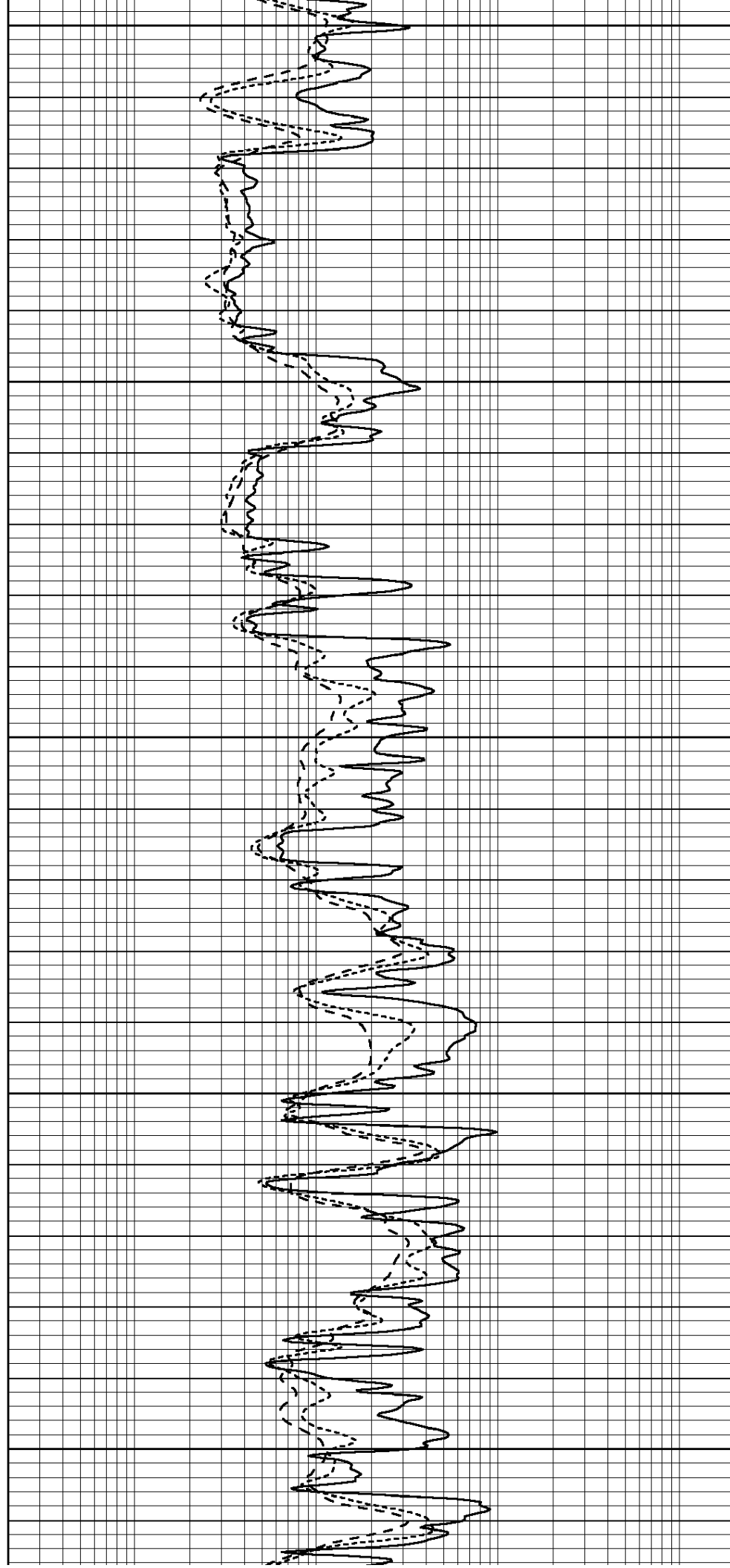
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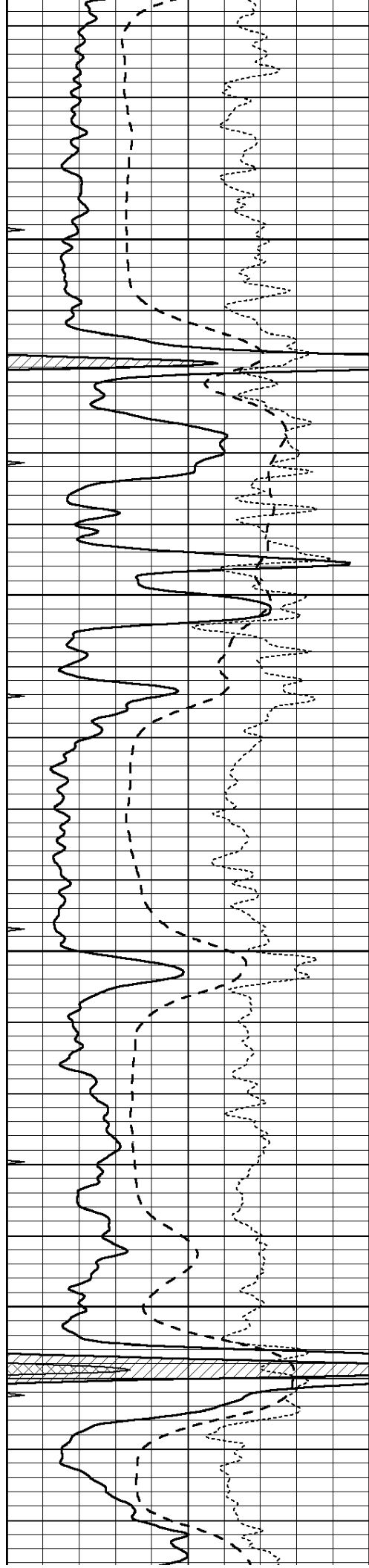
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4250

4300

4350



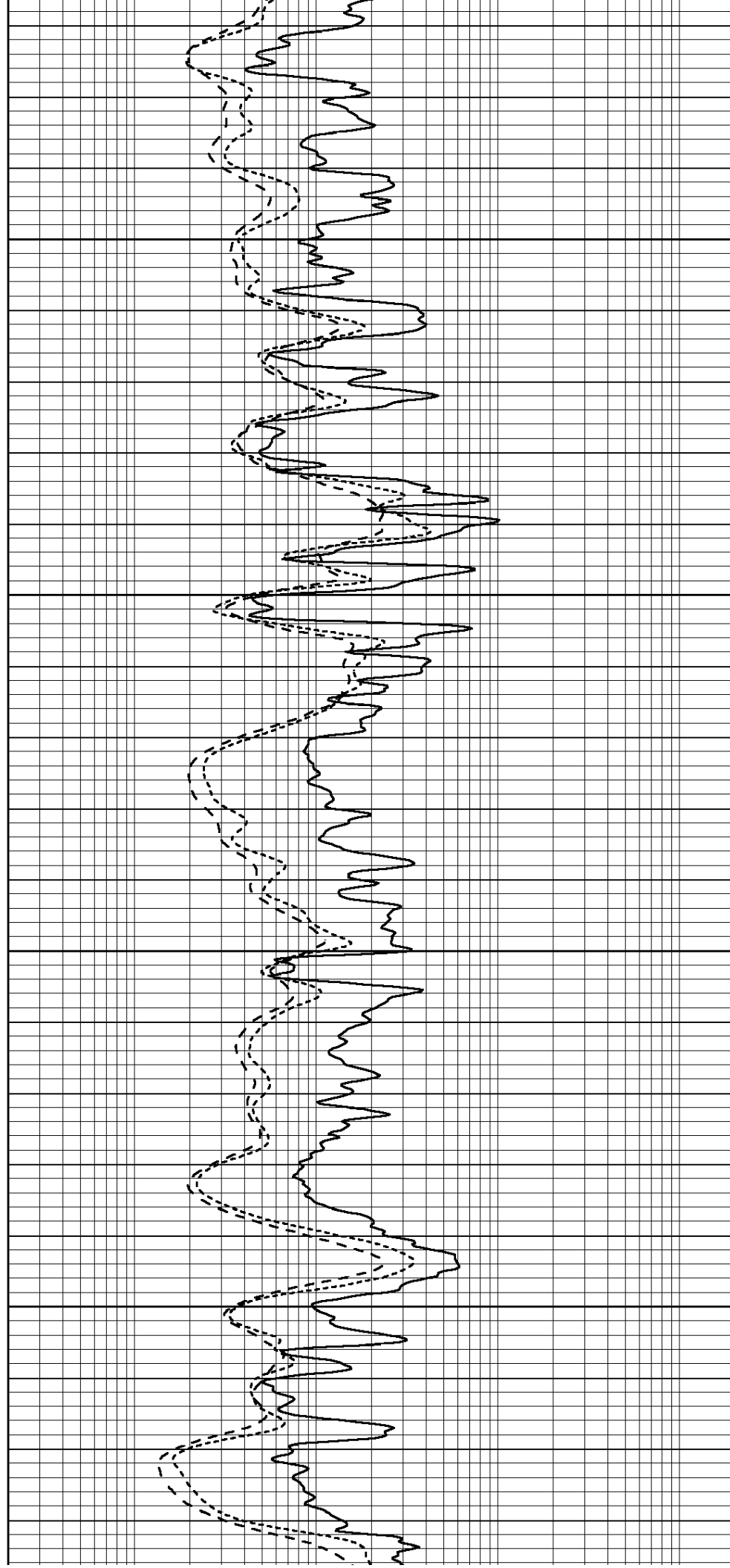


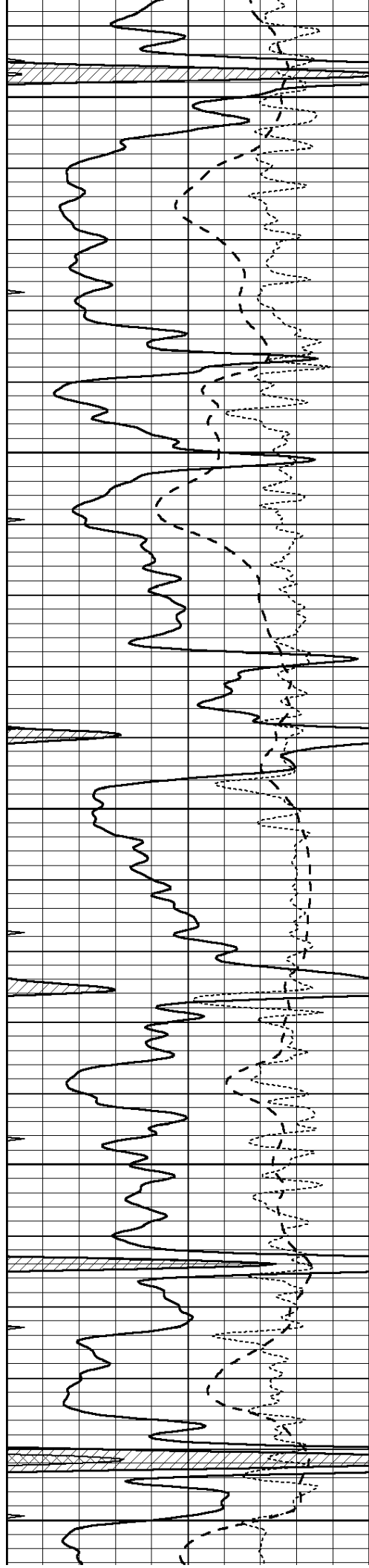
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4450

4500

4550





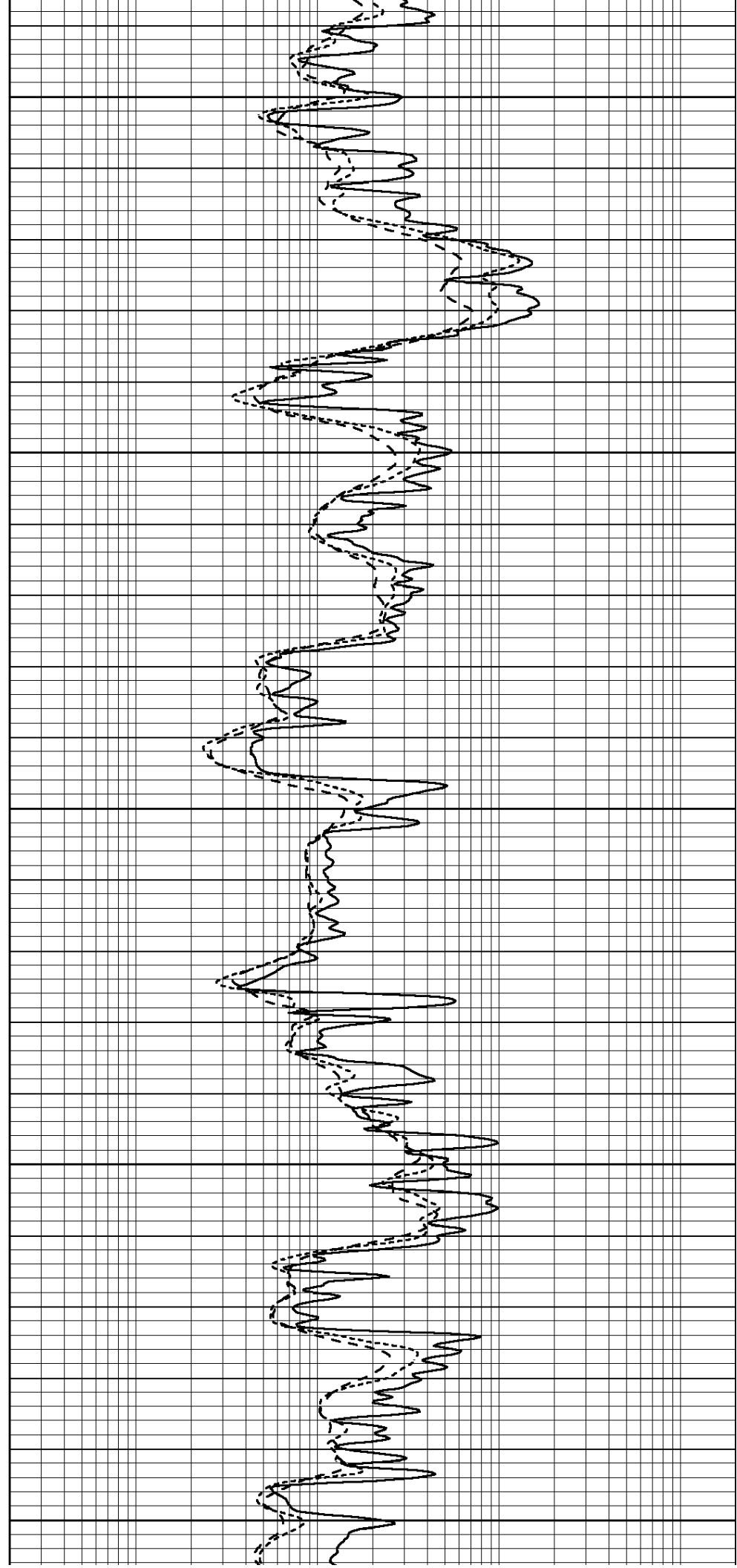
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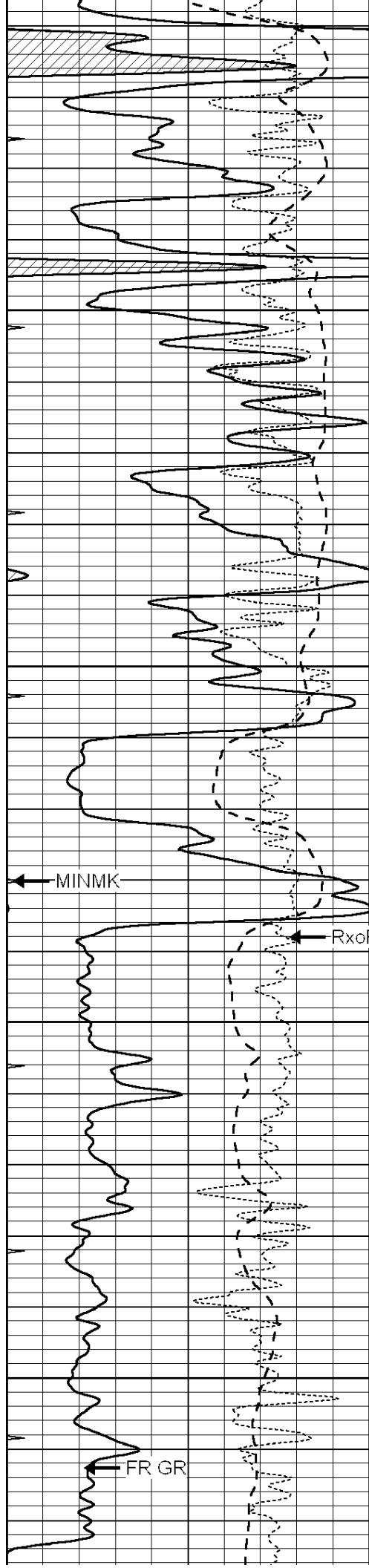
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4700

4750

4800



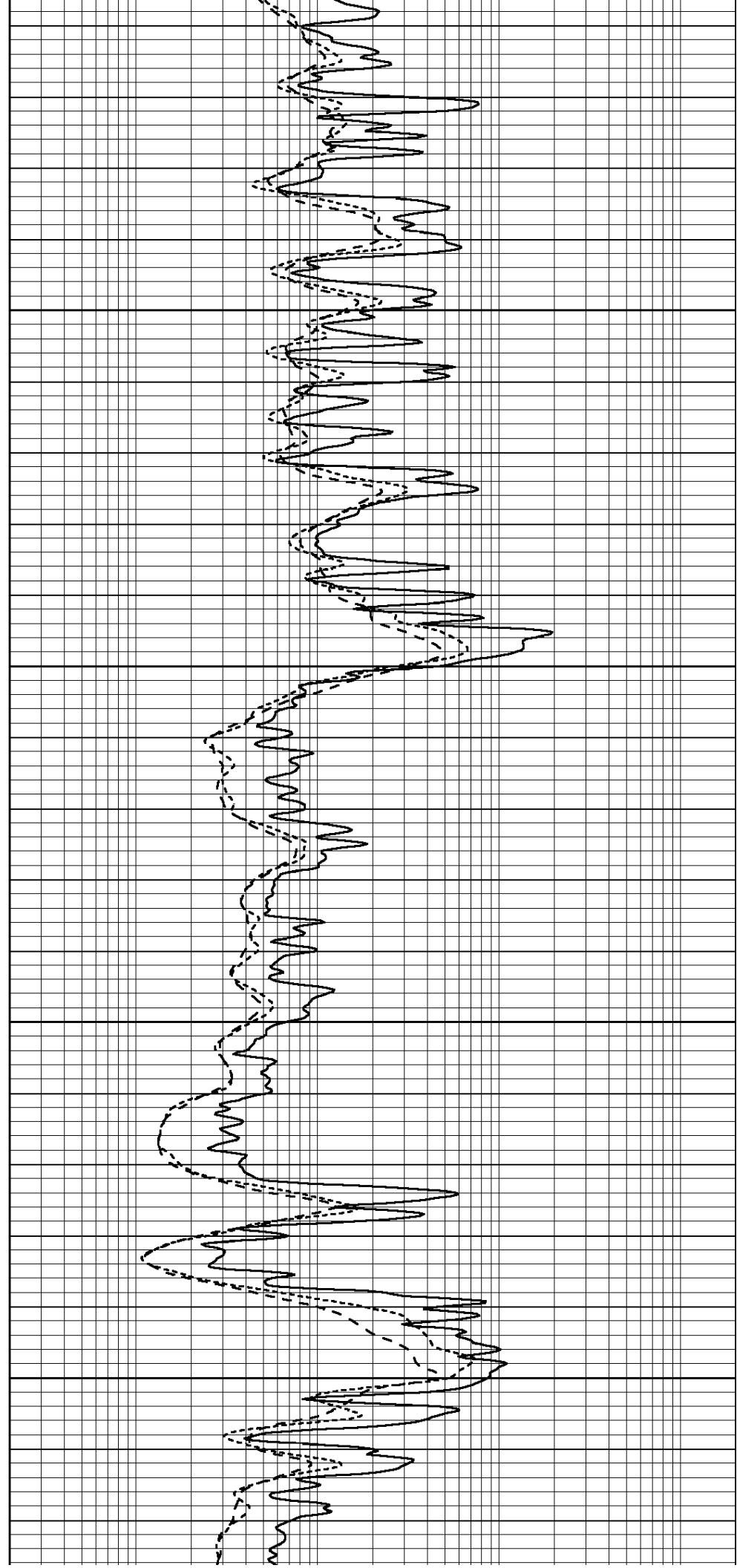


4850

4900

4950

5000



FR SP

5050

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

FR RILD

FR RILM

TD

FR RLL3

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



SUPERIOR

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REPEAT SECTION

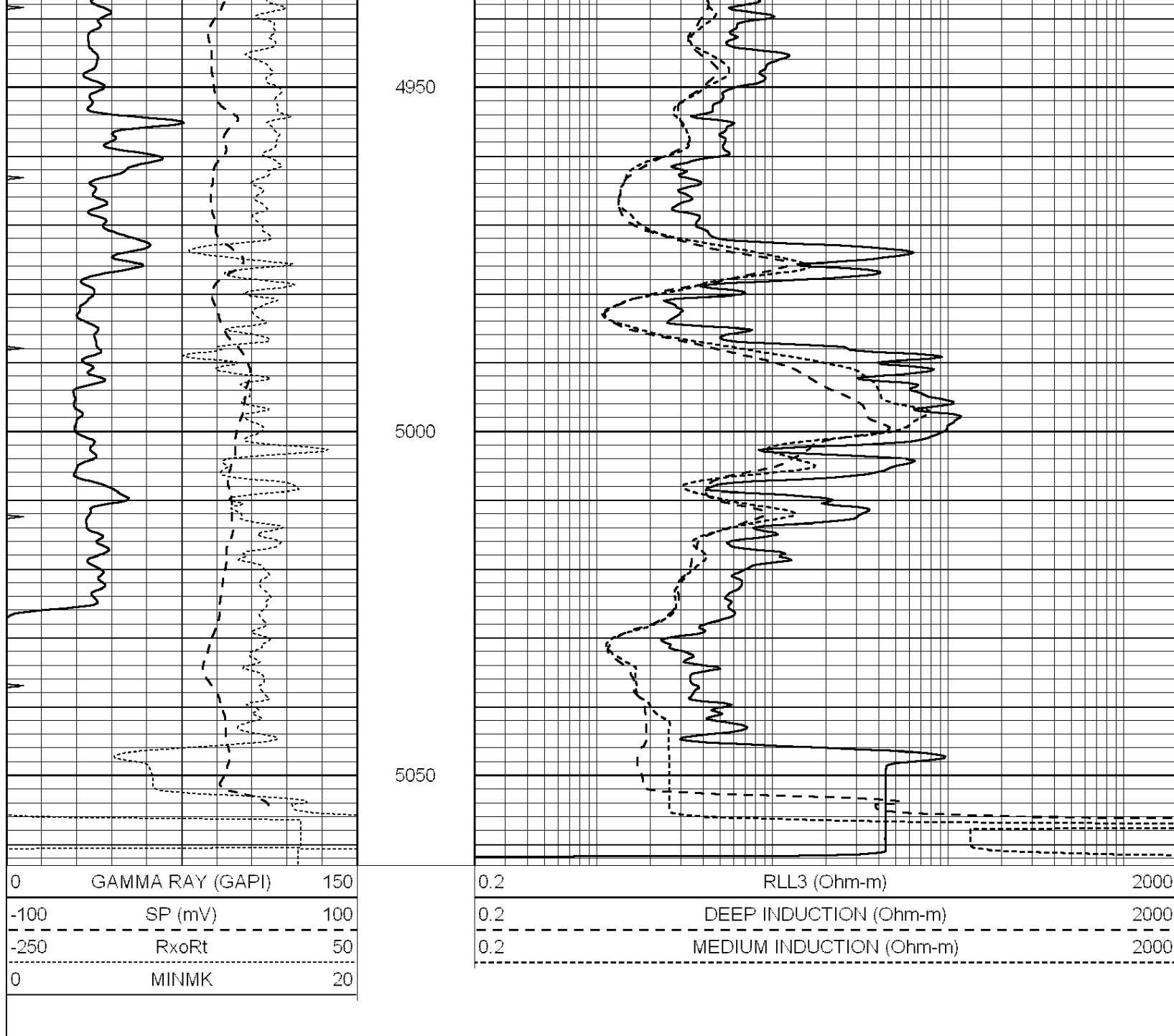
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 Dataset Pathname: pass2.1
 Presentation Format: dil
 Dataset Creation: Fri Jul 09 13:27:47 2010 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

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

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

4850

4900



Calibration Report

Database File: 005220pdn.db
 Dataset Pathname: pass4.A
 Dataset Creation: Fri Jul 09 14:48:25 2010 by Calc Open-Cased 090629

Dual Induction Calibration Report

Serial-Model: DIL5-GEAR
 Performed: Fri Jul 09 14:24:59 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	-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

Deep	0.000	0.000	V	0.000	100.000	mmho/m	0.000	0.000
Medium	0.010	0.747	V	0.000	462.500	mmho/m	627.607	-6.064

Litho Density Calibration Report Serial: 002 Model: PRB Performed Tue Jul 03 11:12:28 2007								
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Litho Density Calibration								
	Background	Magnesium	Aluminum	Sandstone				
Window 1	1059.5	9172.0	2859.6	10210.6			cps	
Window 2	976.0	7793.2	2486.1	8515.6			cps	
Window 3	689.8	2930.5	1159.0	3096.2			cps	
Window 4	231.9	237.2	231.1	234.0			cps	
Long Space	0.0	6817.1	1510.1	7539.6			cps	
Short Space	1.6	1758.1	1188.6	1898.8			cps	
Rho		1.7100	2.5960	1.3800			g/cc	
Pe			2.5700	1.5500				
Rib Angle	: 45.4	Rib Slope	: 1.015	Density/Spine Ratio			: 0.569	
Spine Angle	: 75.4	Spine Slope	: 3.850	Spine Intercept			: -19.9	

Caliper								
	Readings	Reference						
Low Ref	2.8	9.2						
High Ref	4.8	14.0						
	Gain: 2.4			Offset: 2.6				

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 Jul 04 03:38:55 2010					
Calibrator Value:			1.0	GAPI				
Background Reading:			0.0	cps				
Calibrator Reading:			1.0	cps				
Sensitivity:			0.6400	GAPI/cps				