



SUPERIOR
Hays,
Kansas

DUAL
INDUCTION
LOG

Company	VINCENT OIL CORPORATION	Company	VINCENT OIL CORPORATION
Well	KEOUGH #1-34	Well	KEOUGH #1-34
Field		Field	
County	FORD	County	FORD
State	KANSAS	State	KANSAS
Location:	API # : 15-057-20714-0000	Other Services	CDL/CNL/PE MEL/SON
Permanent Datum	GROUND LEVEL	Elevation	2491
Log Measured From	1243' FNL & 1414' FVL SW - NW - NW		
Drilling Measured From	SEC 34 TWP 28S RGE 23W KELLY BUSHING		
Date	2/14/11		
Run Number	ONE		
Depth Driller	5350		
Depth Logger	5360		
Bottom Logged Interval	5358		
Top Log Interval	00		
Casing Driller	8 5/8 @ 610		
Casing Logger	609		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 10000 PPM	
Density / Viscosity	9.2/5.1		
pH / Fluid Loss	10.0/10.0		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.50 @ 68F		
Rmf @ Meas. Temp	.37 @ 68F		
Rmc @ Meas. Temp	.59 @ 68F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.26 @ 128F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	128F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	MIKEAL MAUNE		

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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 SUPERIOR WELL SERVICE (785) 628-6395
DIRECTIONS
KINGSDOWN KS. - 2 N. TO WILBURN RD. - 3 3/4 W. - 3/4 N. INTO



SUPERIOR
Hays,
Kansas

MAIN SECTION

Database File: 006692pe.db
Dataset Pathname: pass3.2
Presentation Format: dil2
Dataset Creation: Tue Feb 15 00:32:51 2011 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:600

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

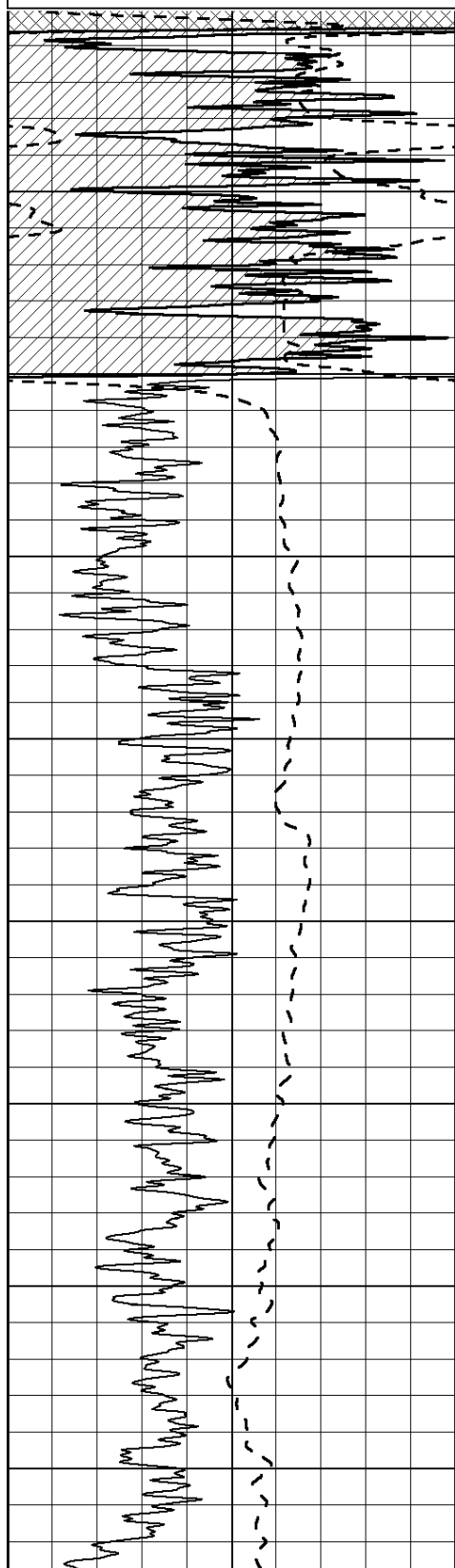
0	RLL3 (Ohm-m)	50
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0	Deep Induction (Ohm-m)	50
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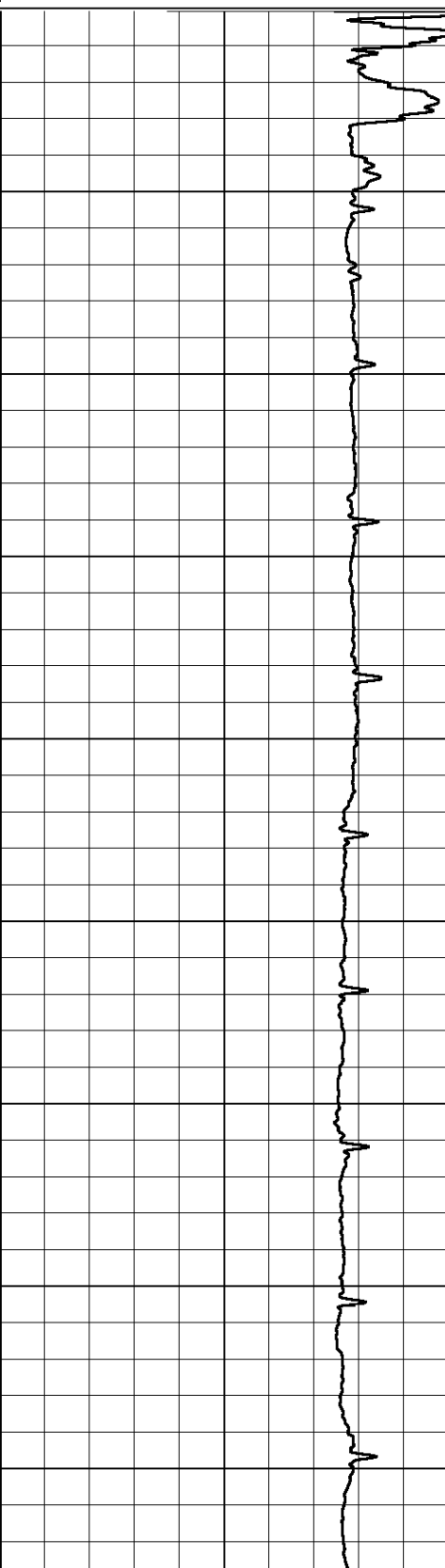
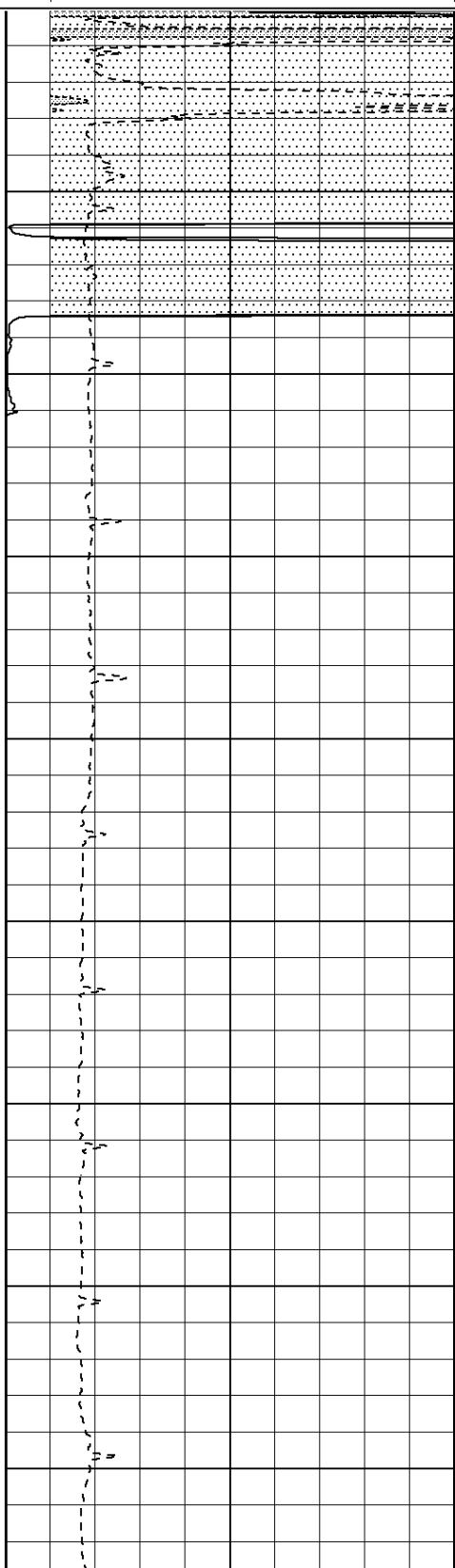
1000	CILD (mmho/m)	0
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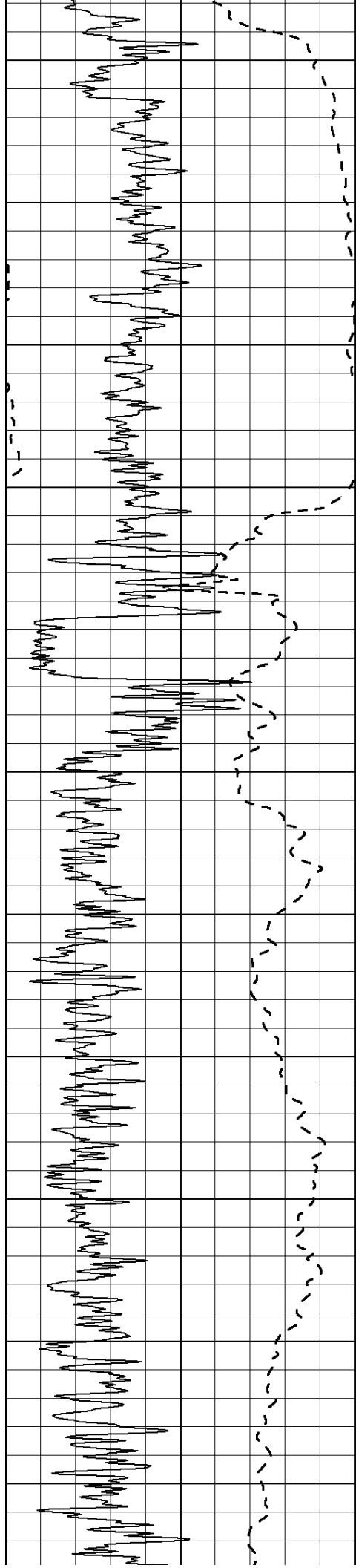
50	RILD X10 (Ohm-m)	500
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50	RLL3 X10 (Ohm-m)	500
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0
50
100
150
200
250
300
350
400





450

500

550

600

650

700

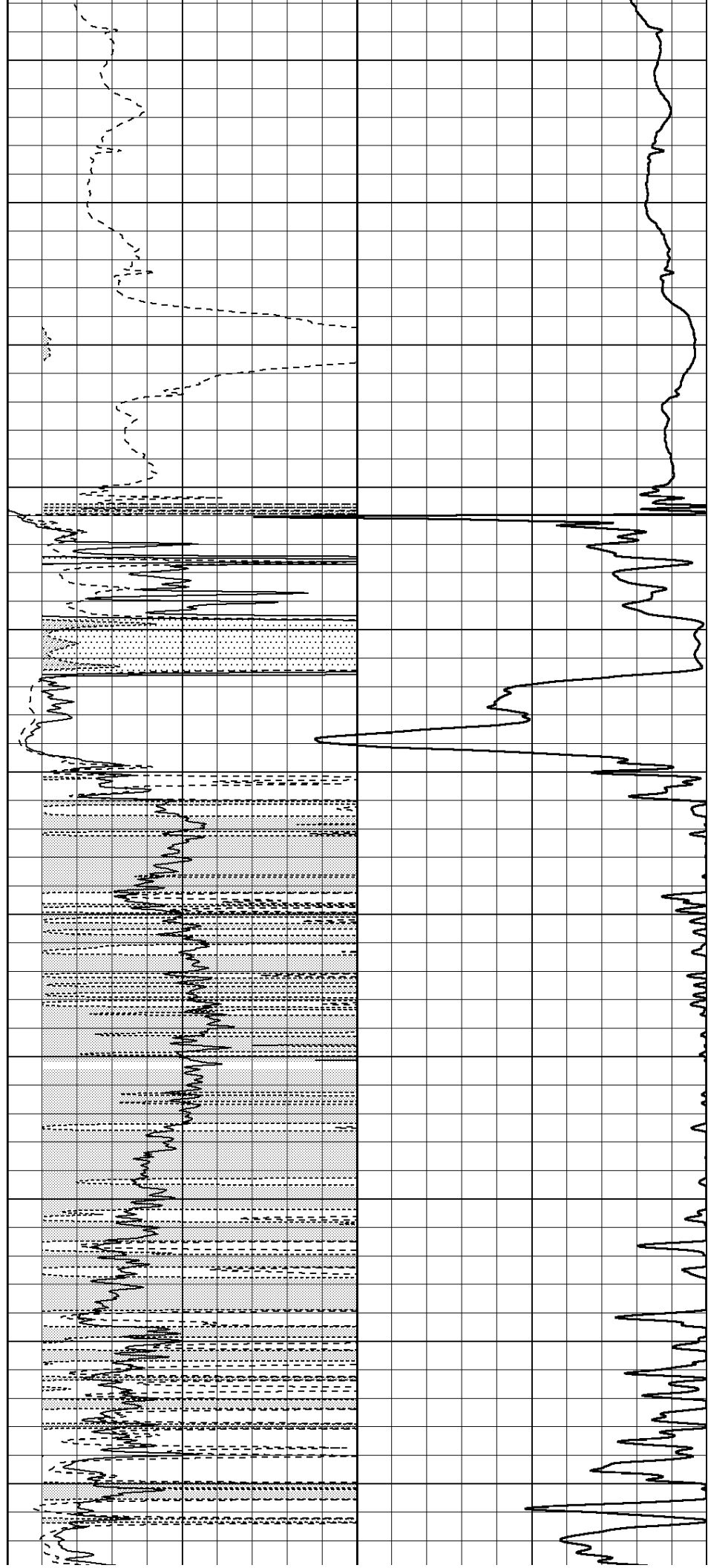
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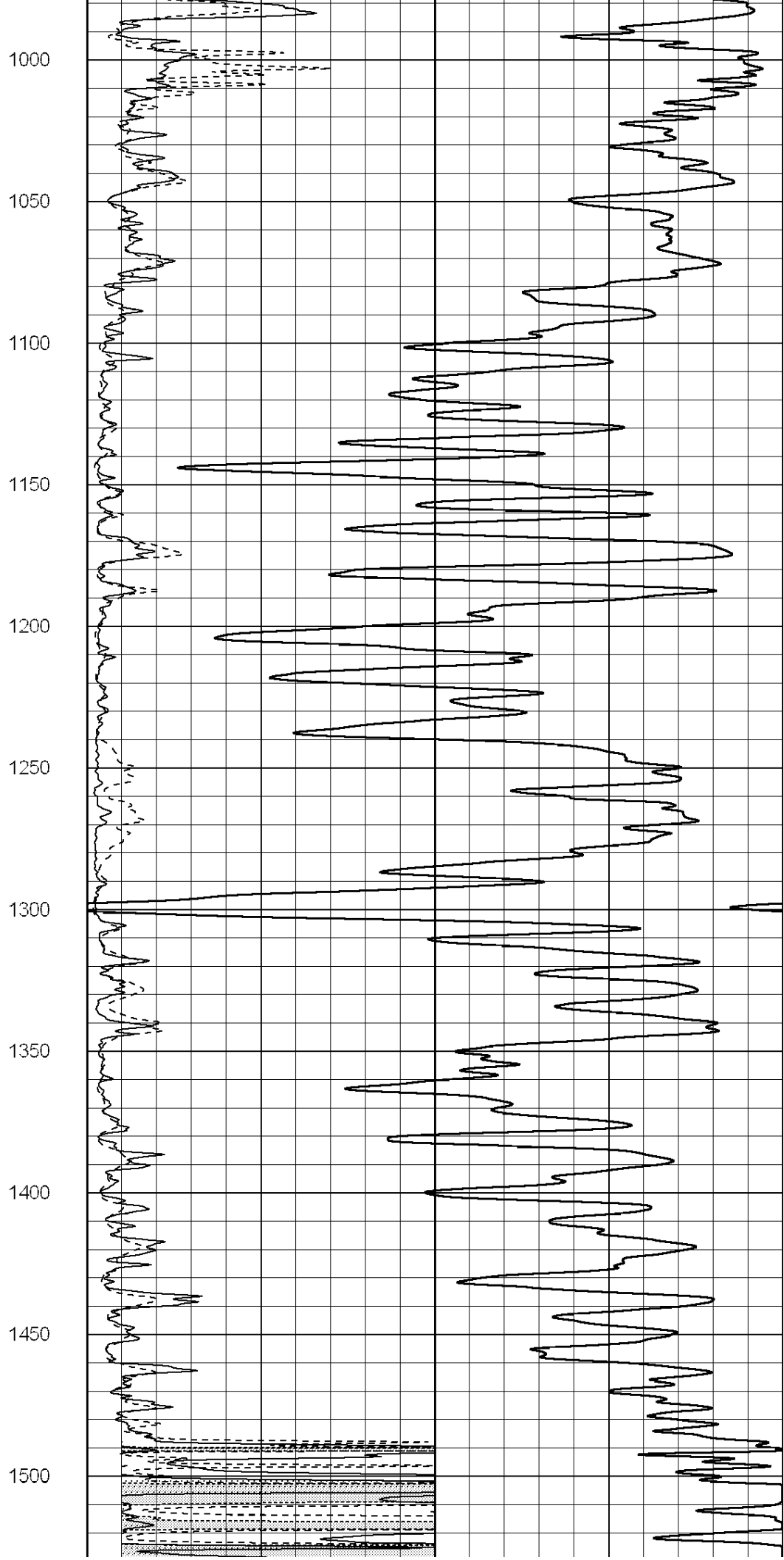
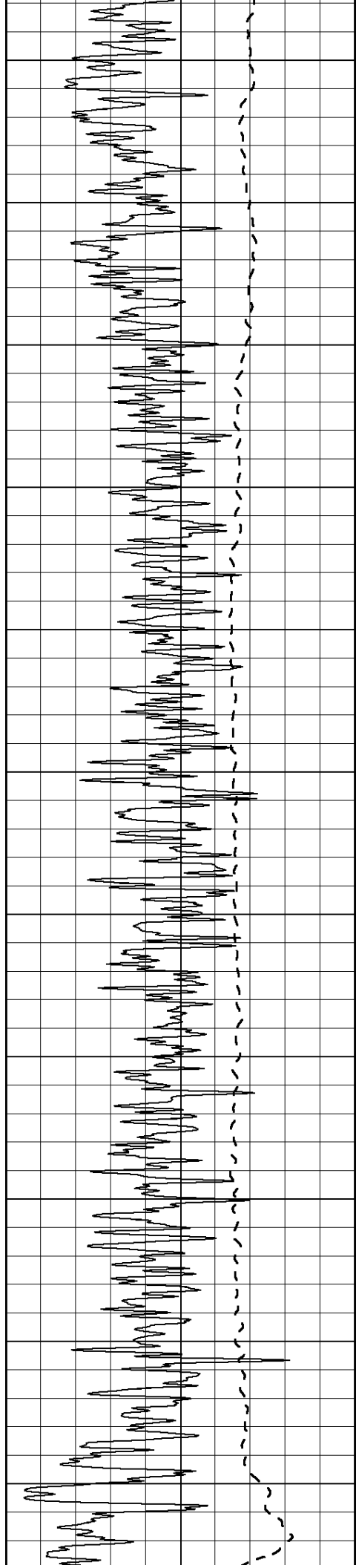
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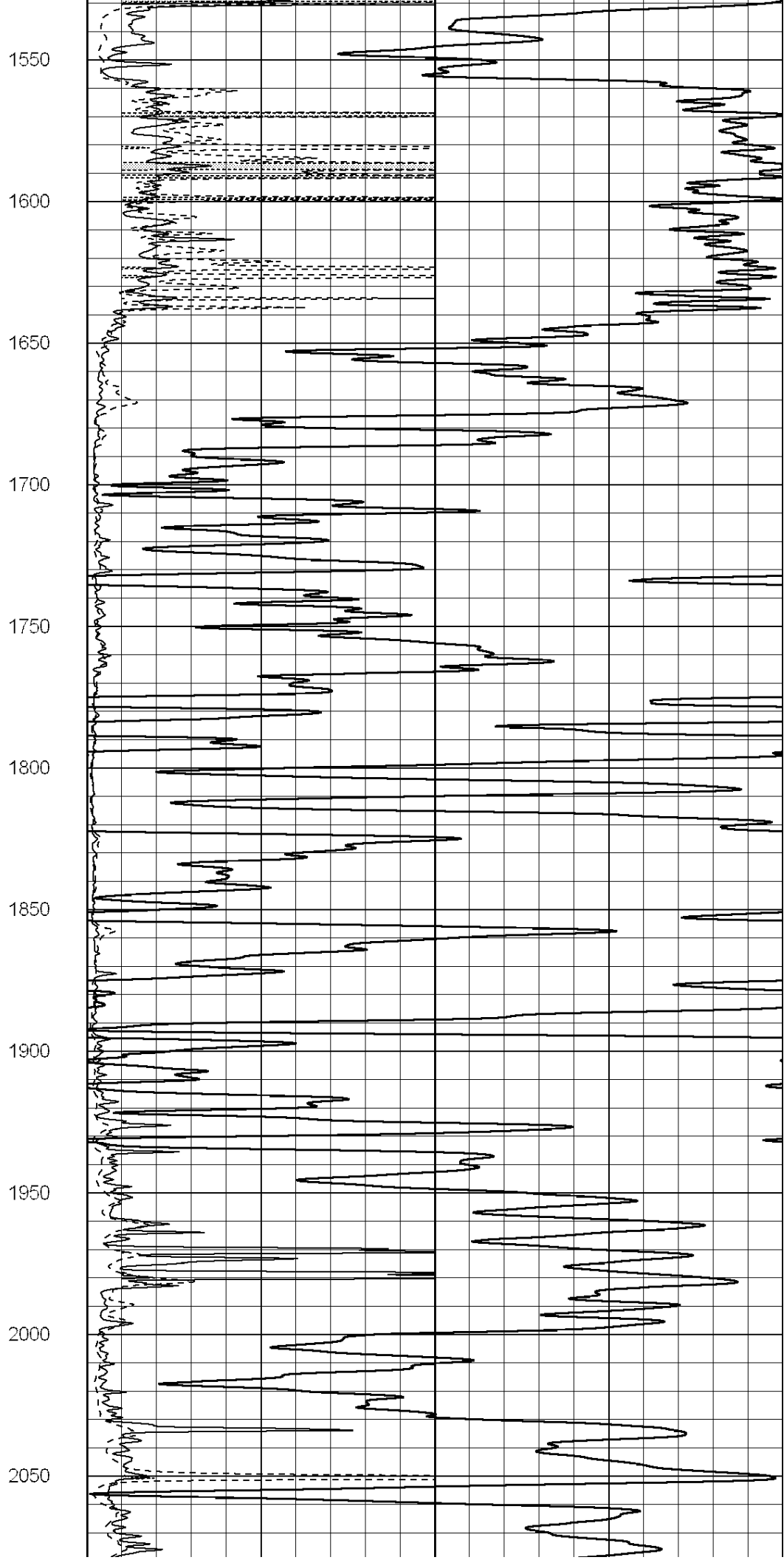
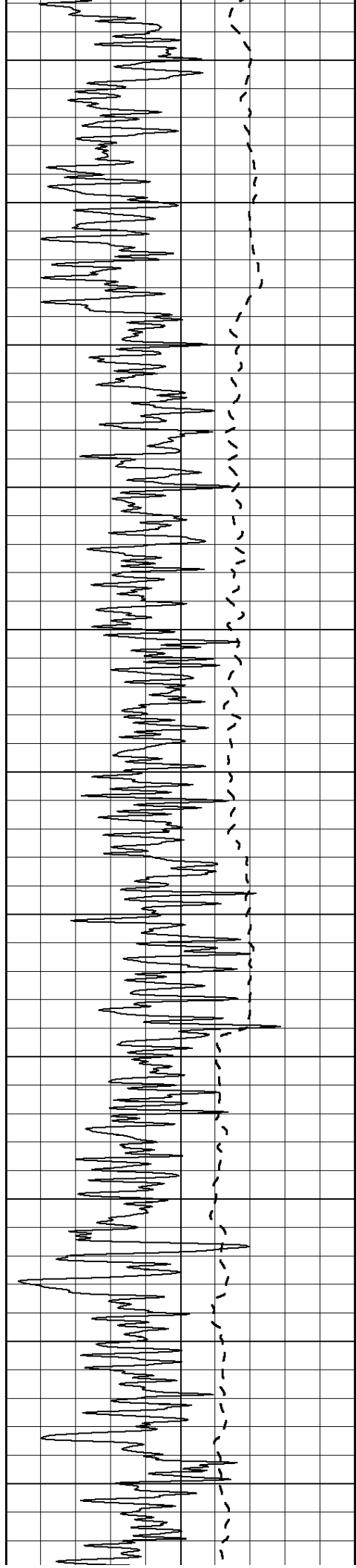
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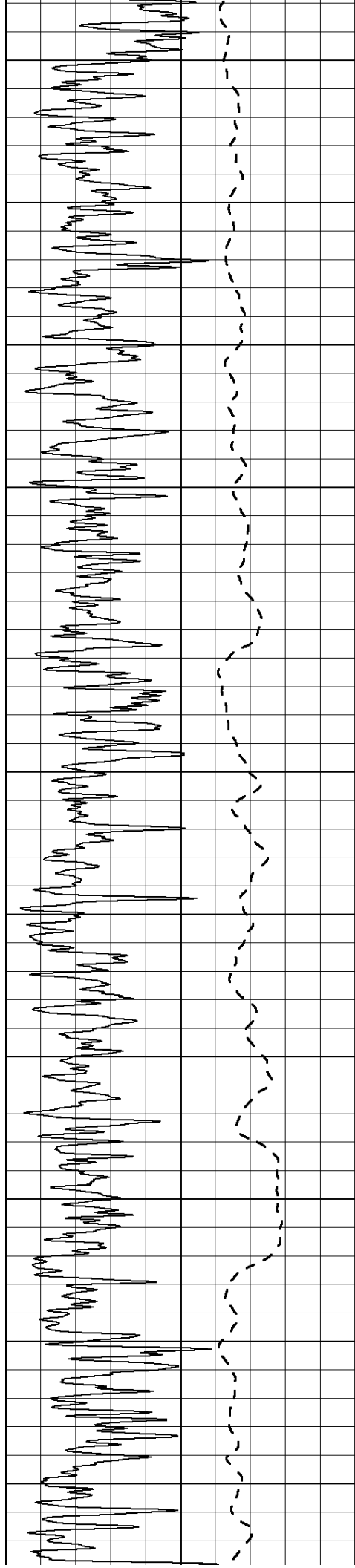
900

950









2100

2150

2200

2250

2300

2350

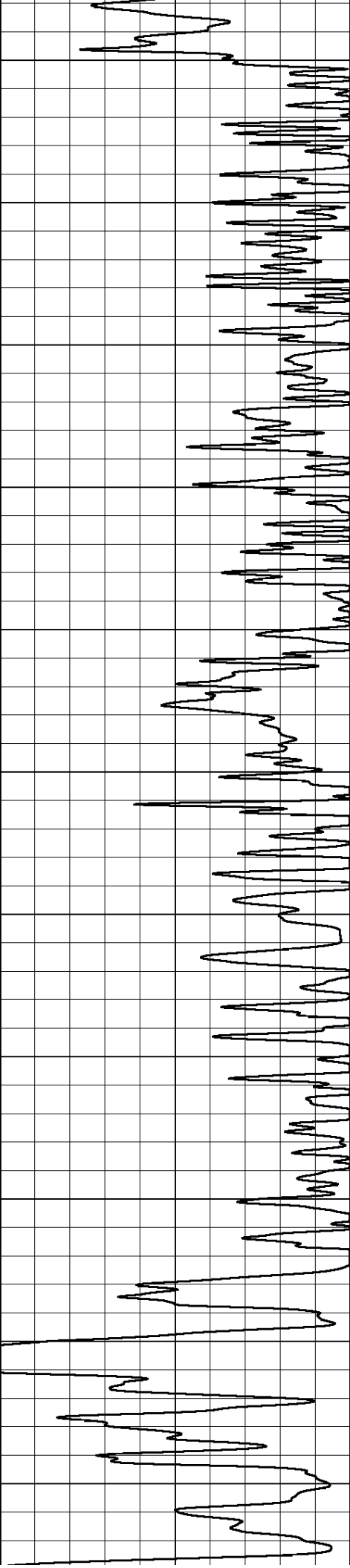
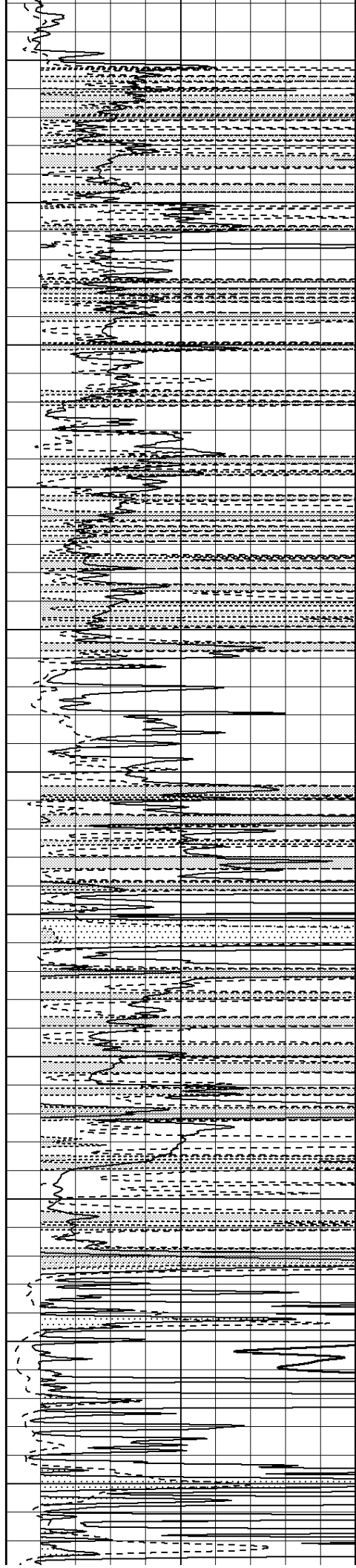
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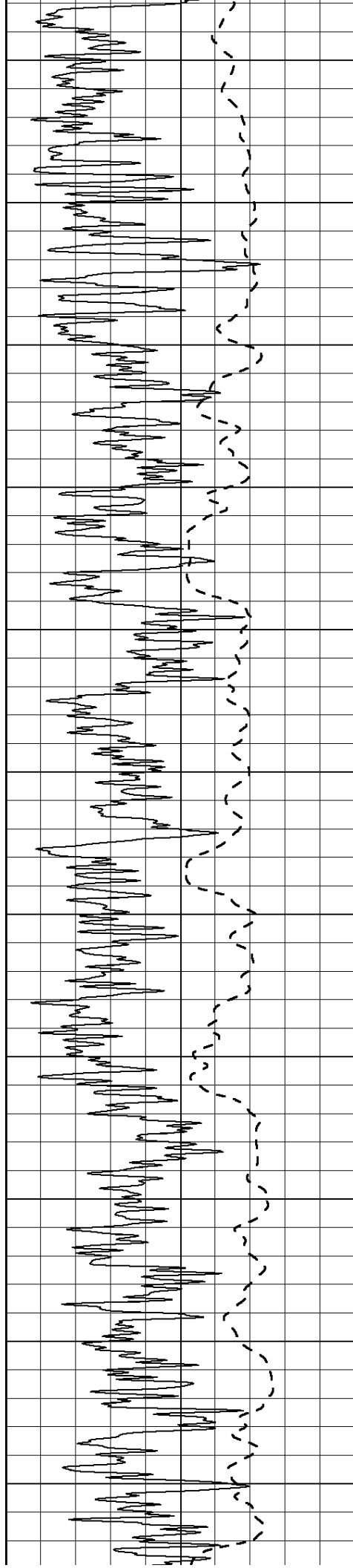
2450

2500

2550

2600





2650

2700

2750

2800

2850

2900

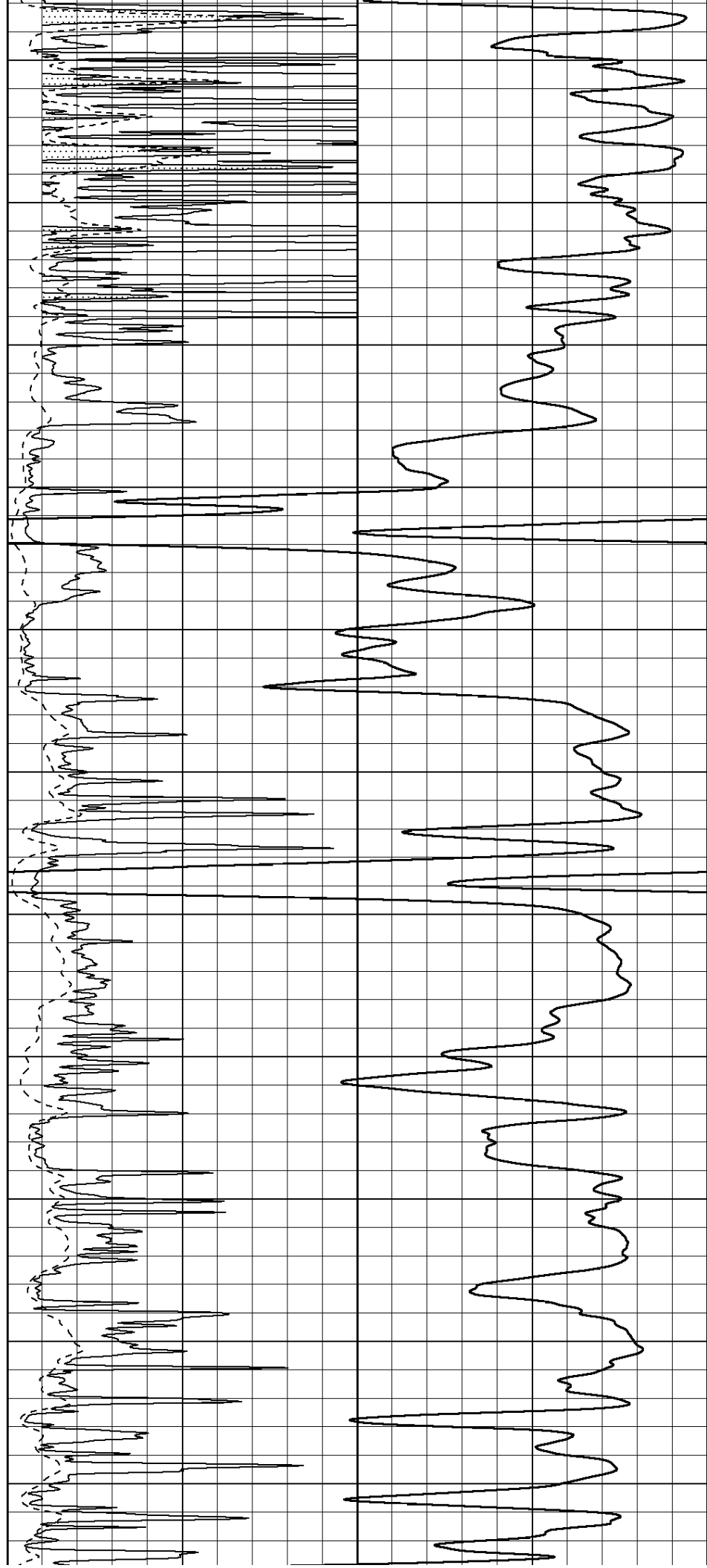
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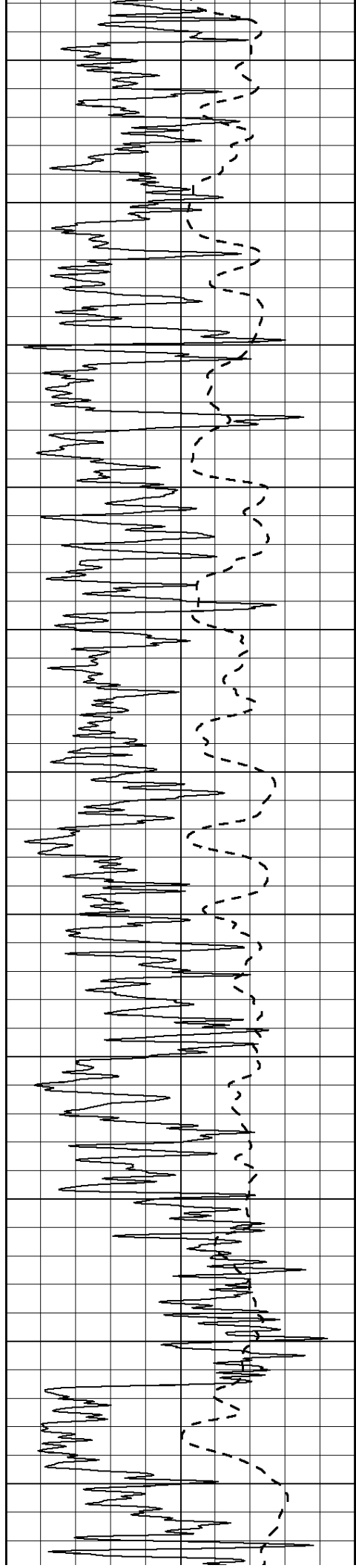
3000

3050

3100

3150





3200

3250

3300

3350

3400

3450

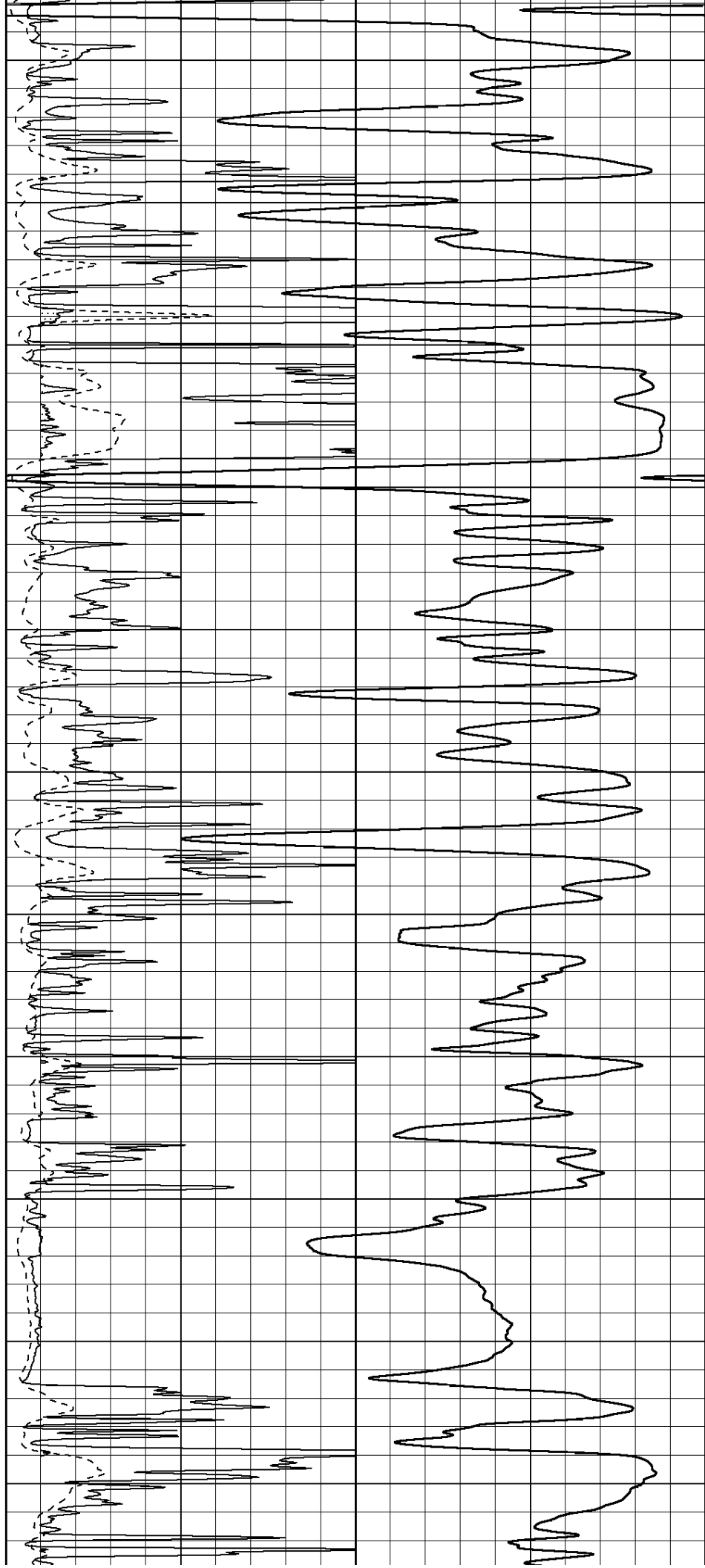
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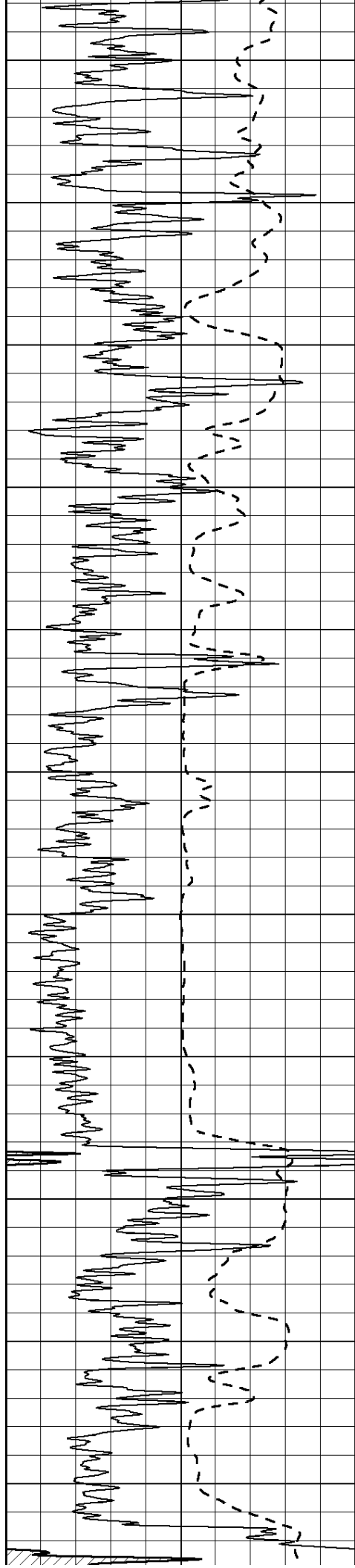
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3600

3650

3700





3750

3800

3850

3900

3950

4000

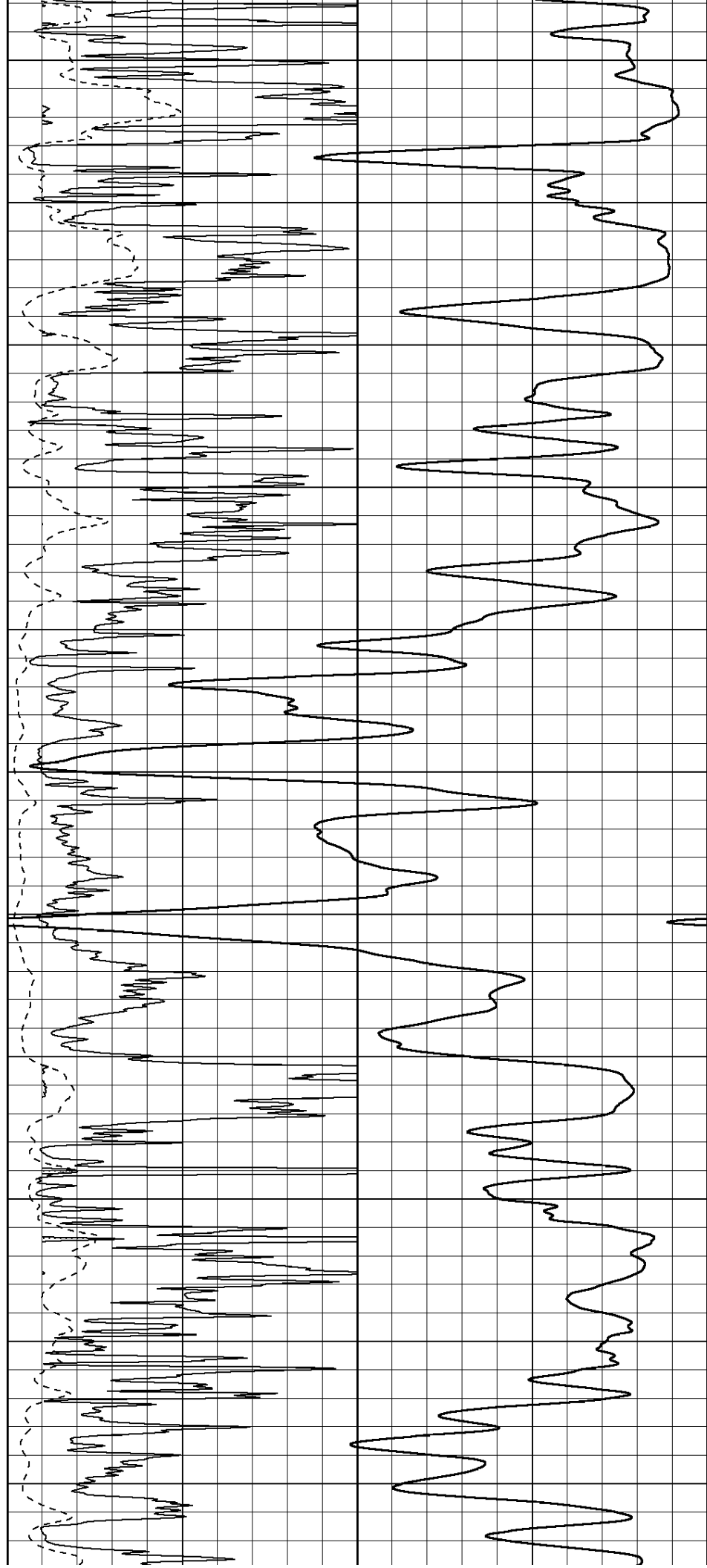
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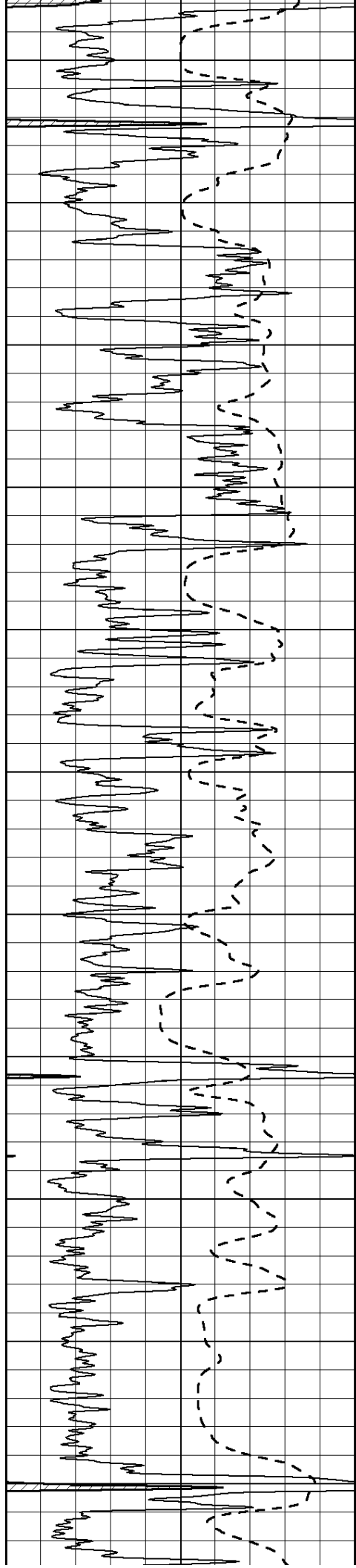
4100

4150

4200

4250





4300

4350

4400

4450

4500

4550

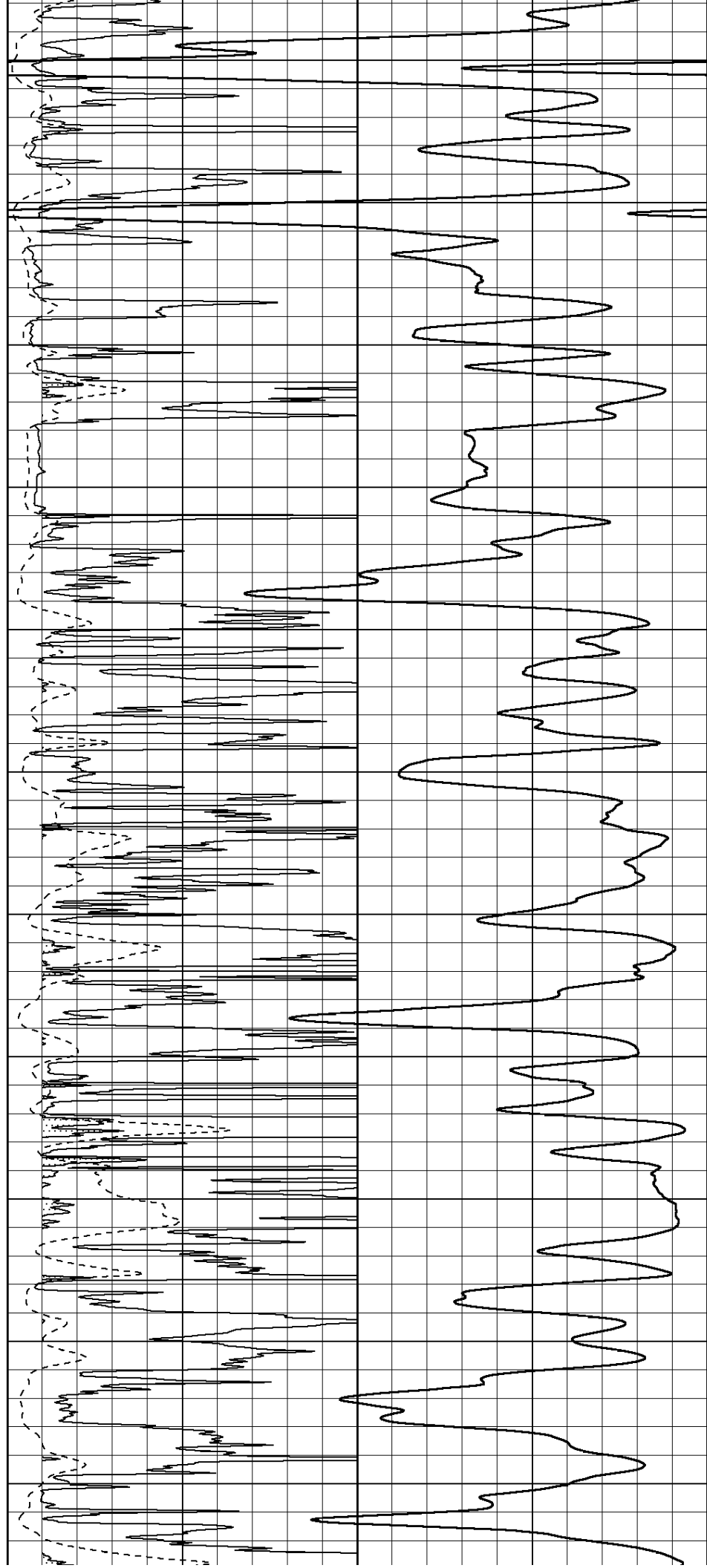
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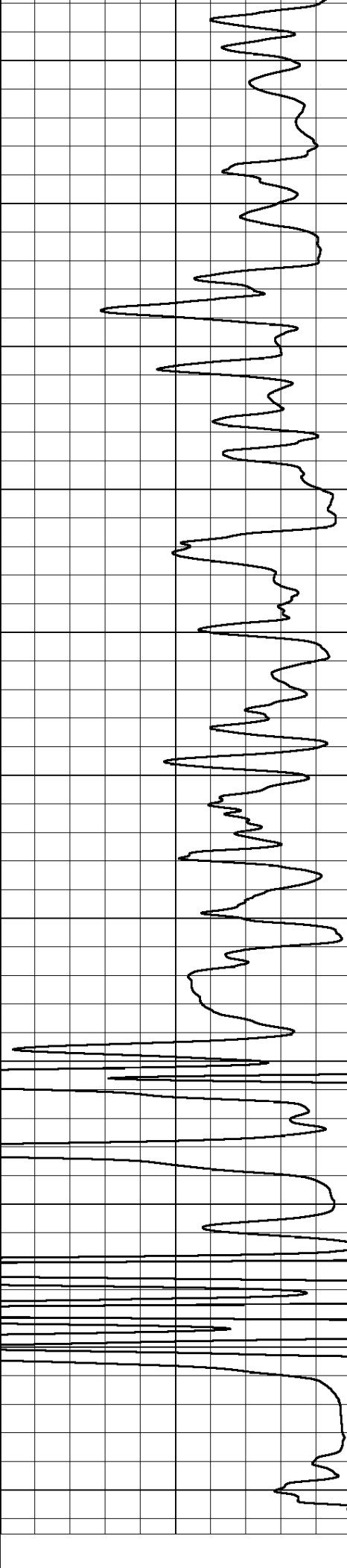
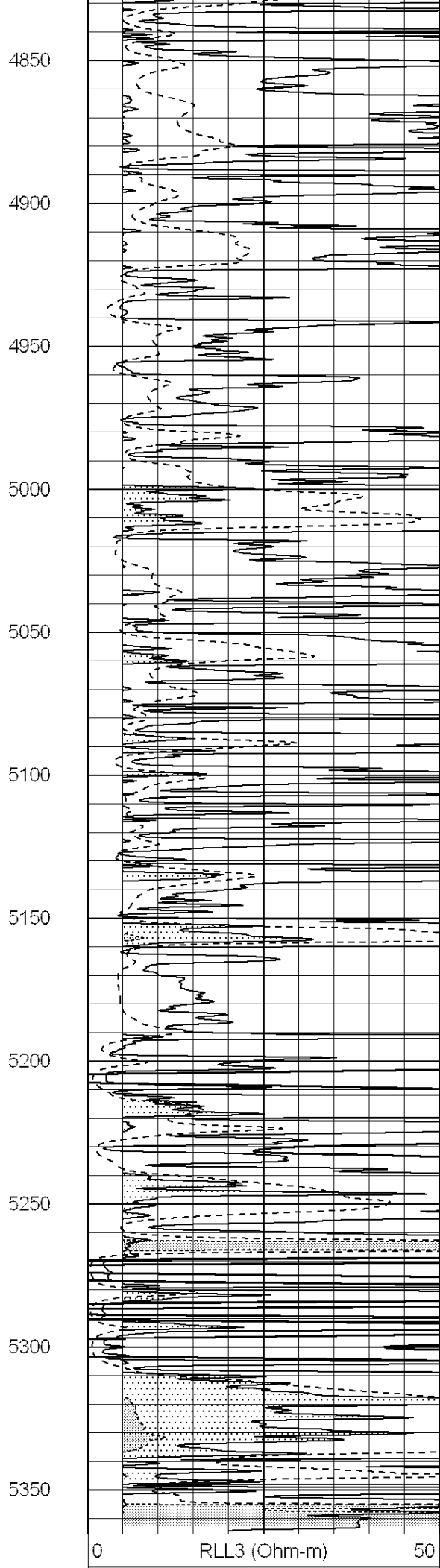
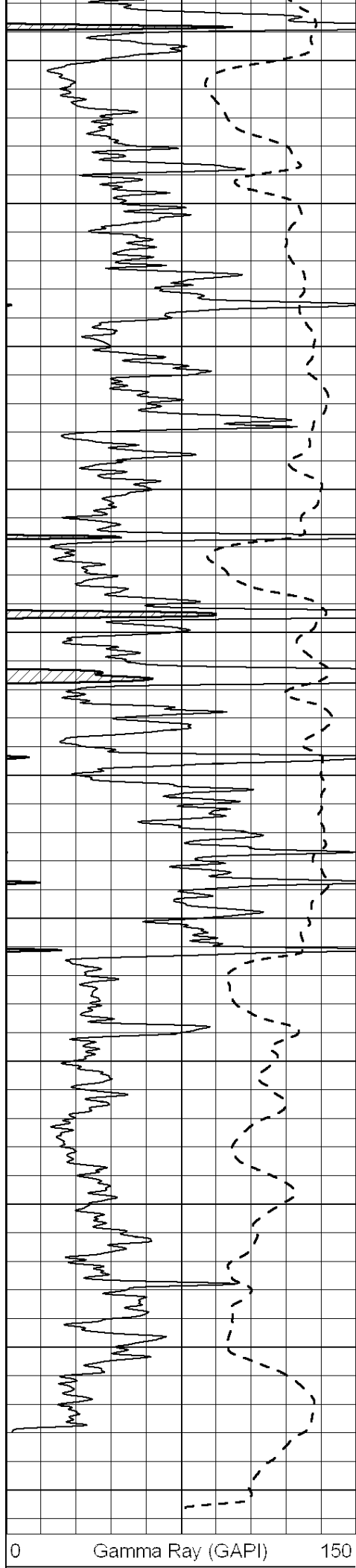
4650

4700

4750

4800





-100 SP (mV) 100

0 Deep Induction (Ohm-m) 50

1000 CILD (mmho/m) 0

50 RILD X10 (Ohm-m) 500

50 RLL3 X10 (Ohm-m) 500



SUPERIOR

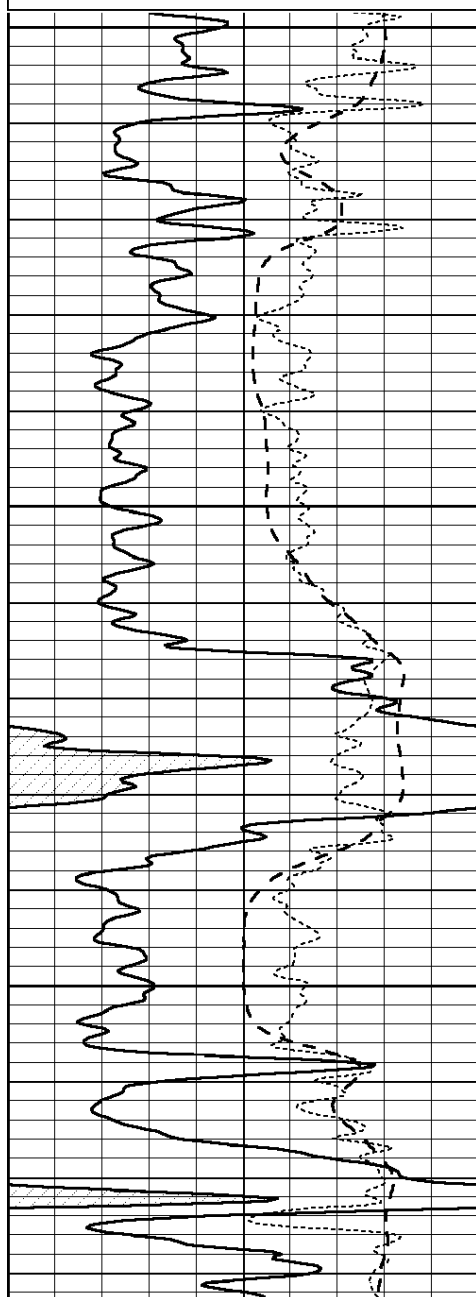
Hays,
Kansas

MAIN SECTION

Database File: 006692pe.db
 Dataset Pathname: pass3.1
 Presentation Format: _dil
 Dataset Creation: Mon Feb 14 23:37:13 2011 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

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

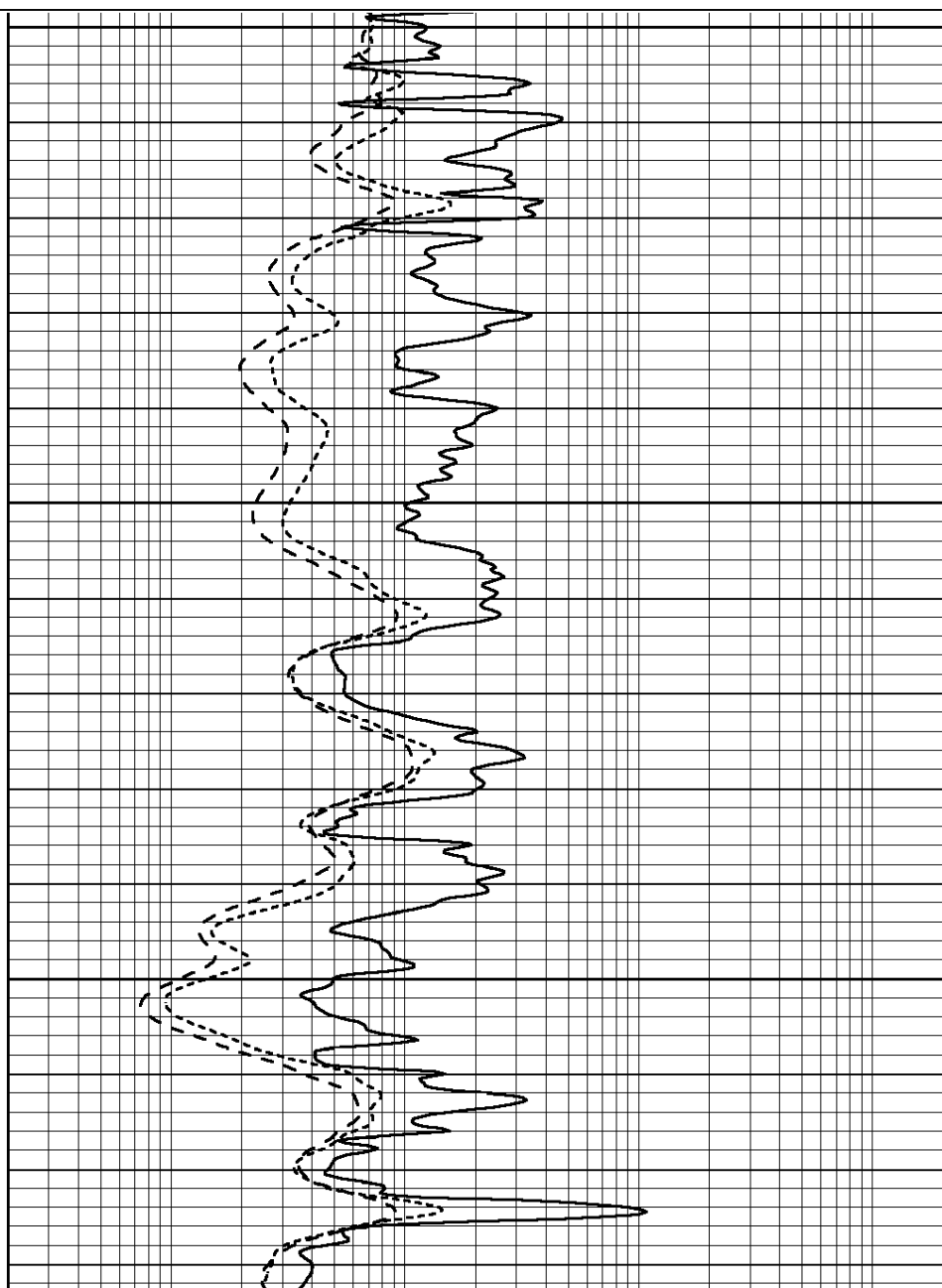
0.2 SHALLOW GUARD (Ohm-m) 2000
 0.2 MEDIUM INDUCTION (Ohm-m) 2000
 0.2 DEEP INDUCTION (Ohm-m) 2000

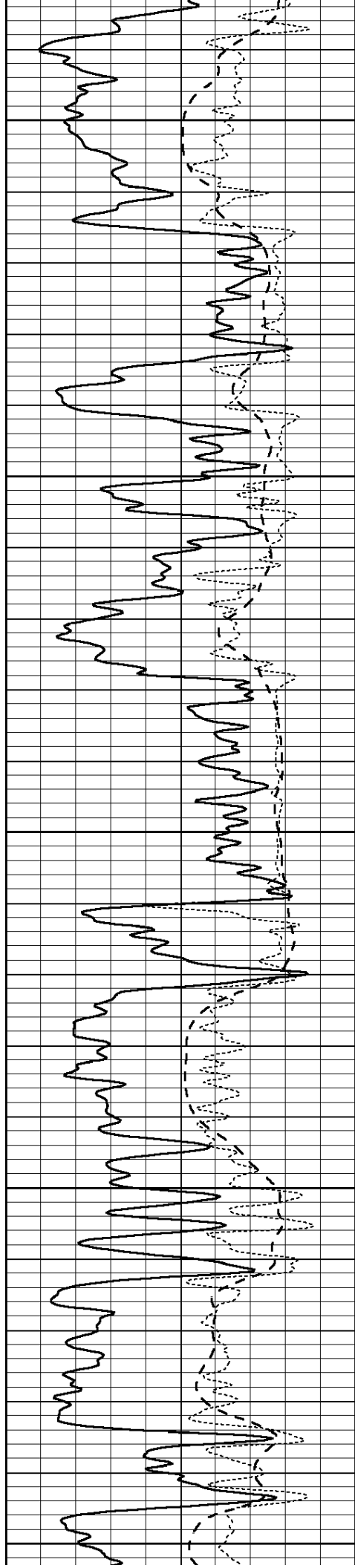


4200

4250

4300





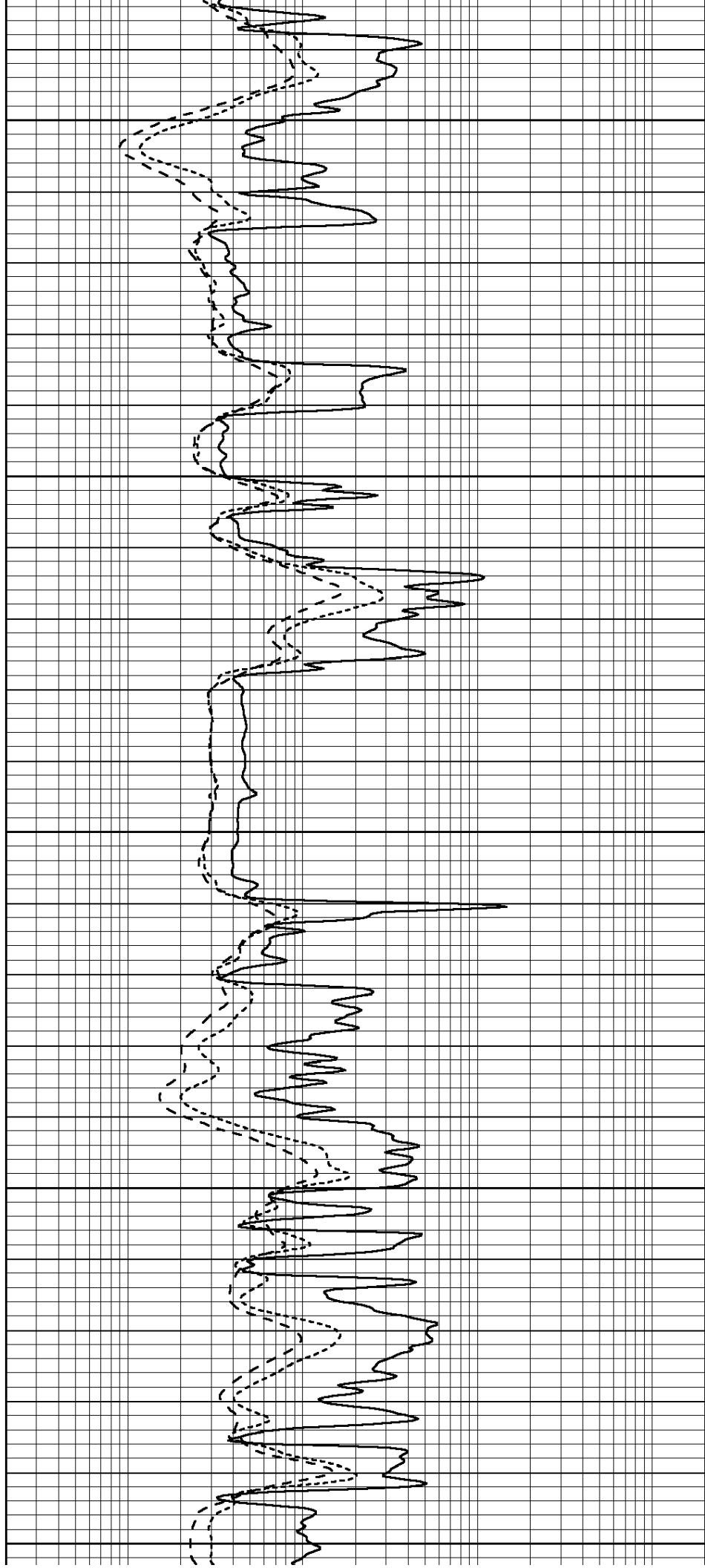
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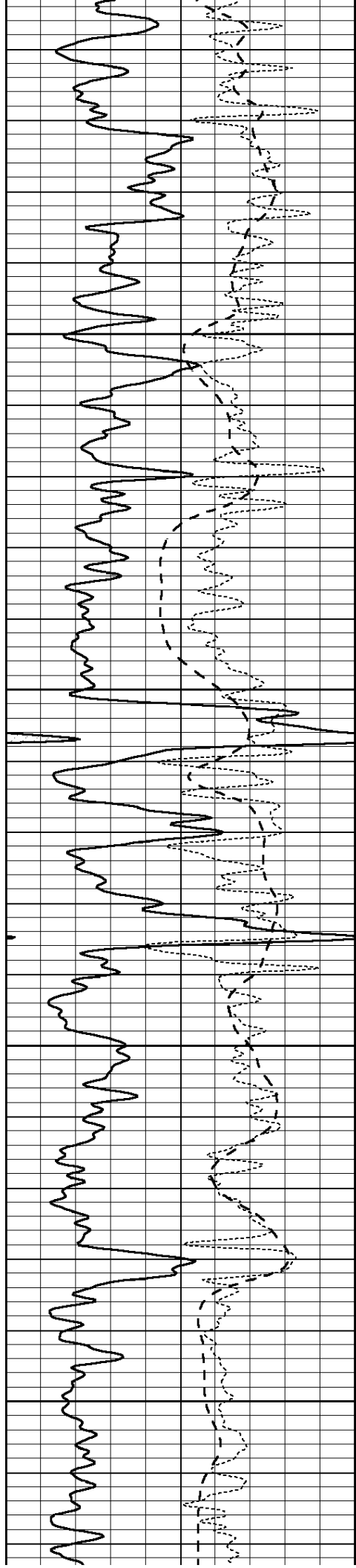
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4450

4500

4550



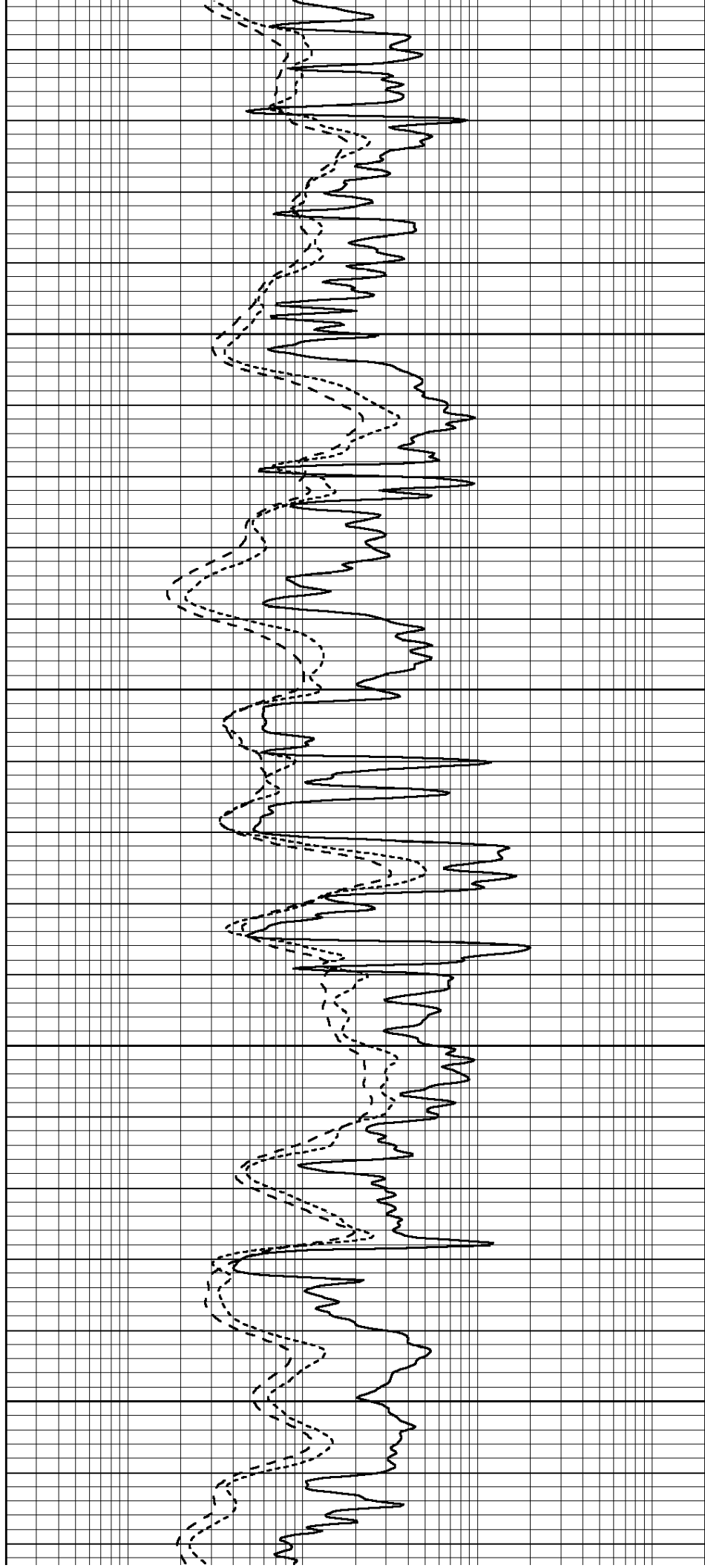


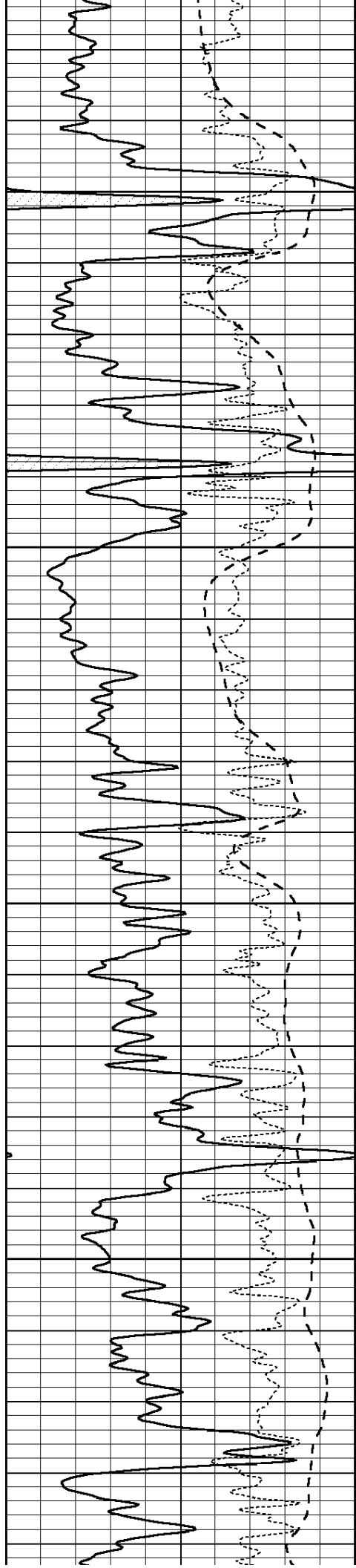
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4650

4700

4750



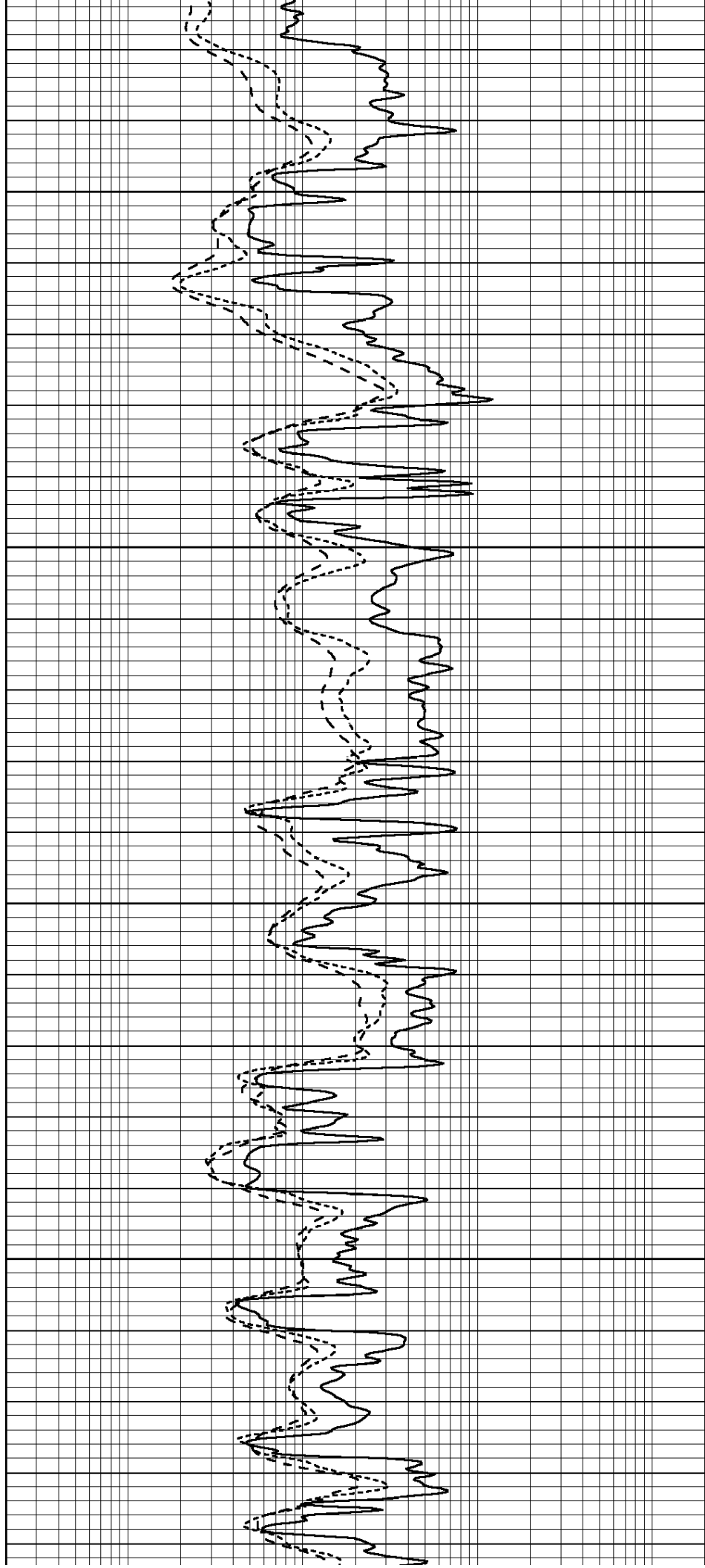


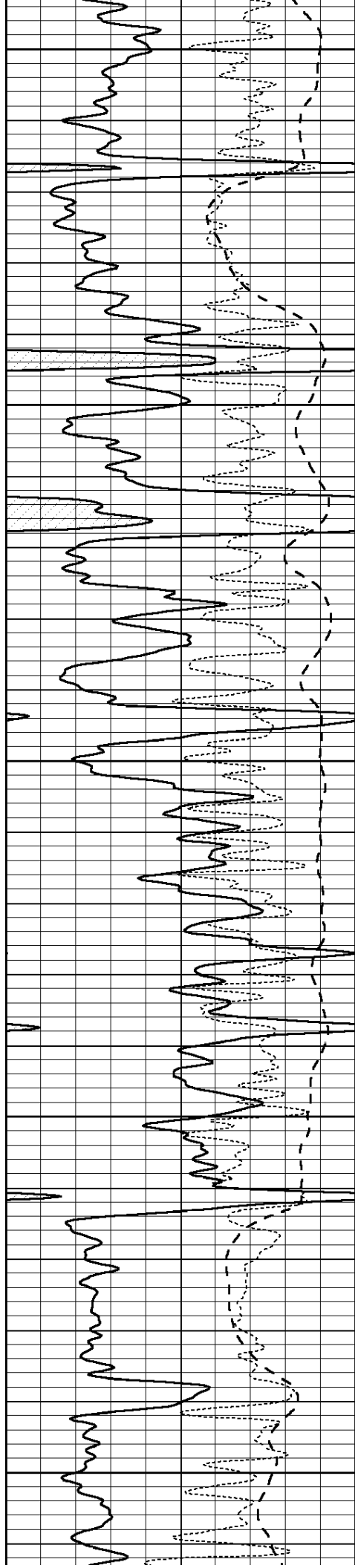
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4850

4900

4950





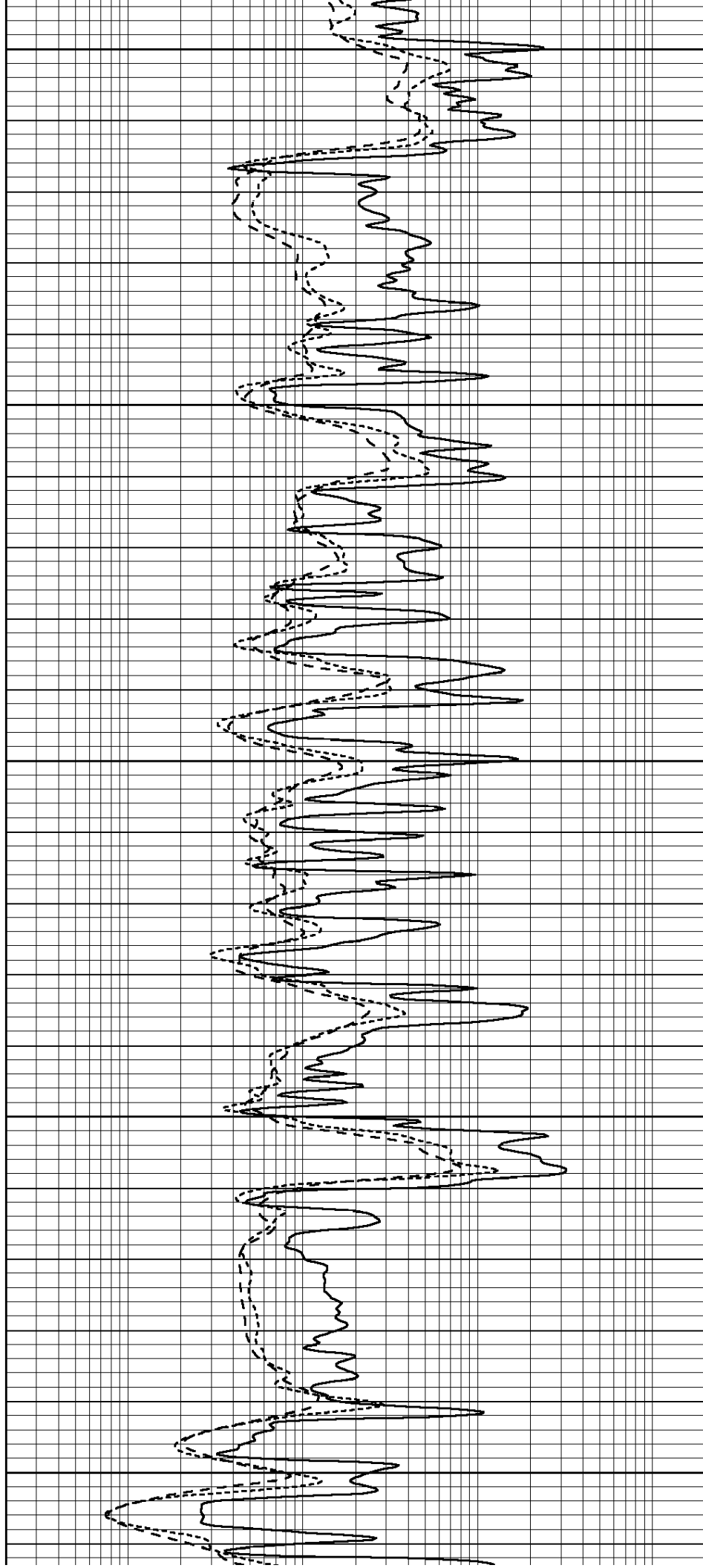
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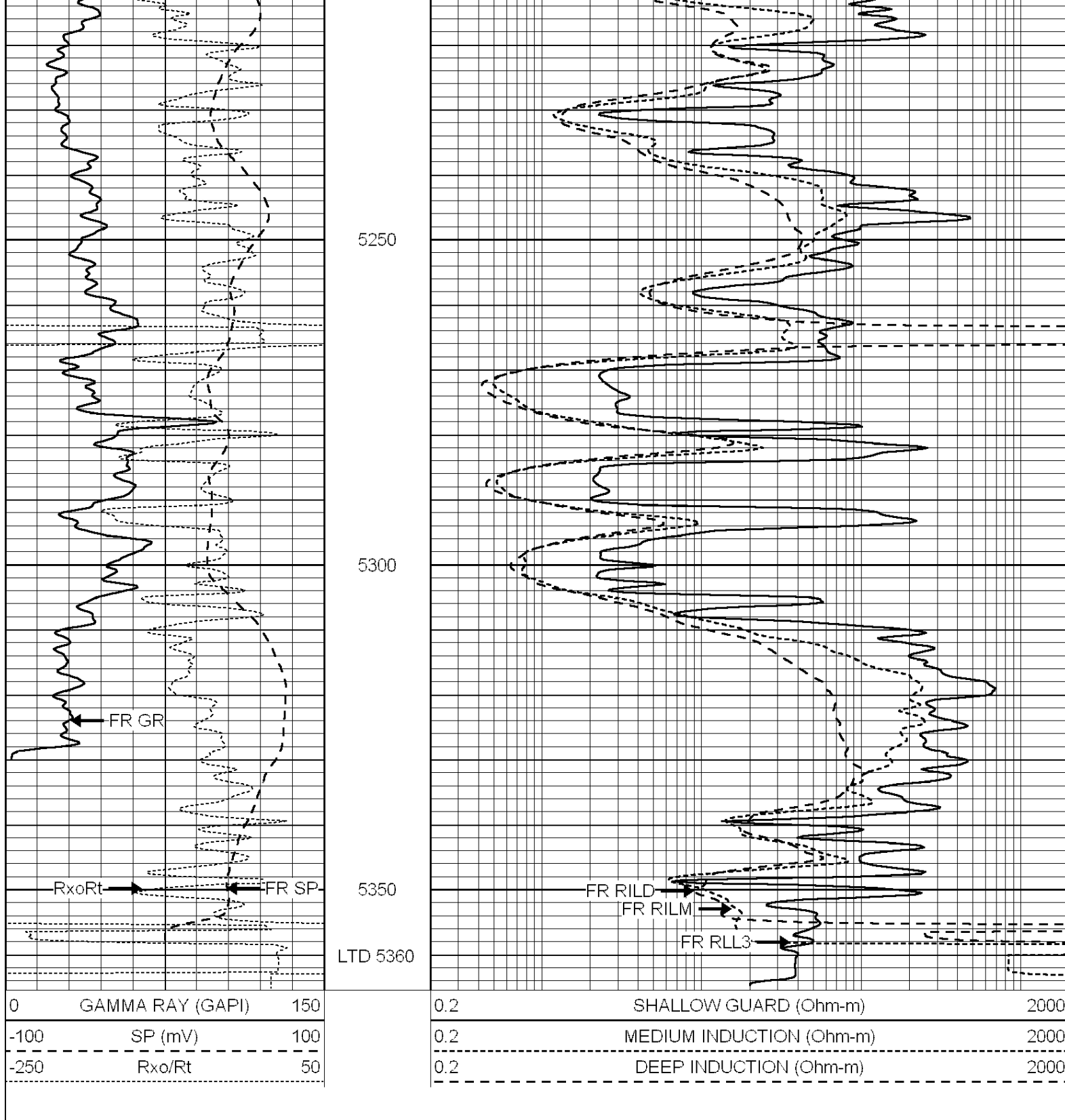
5050

5100

5150

5200



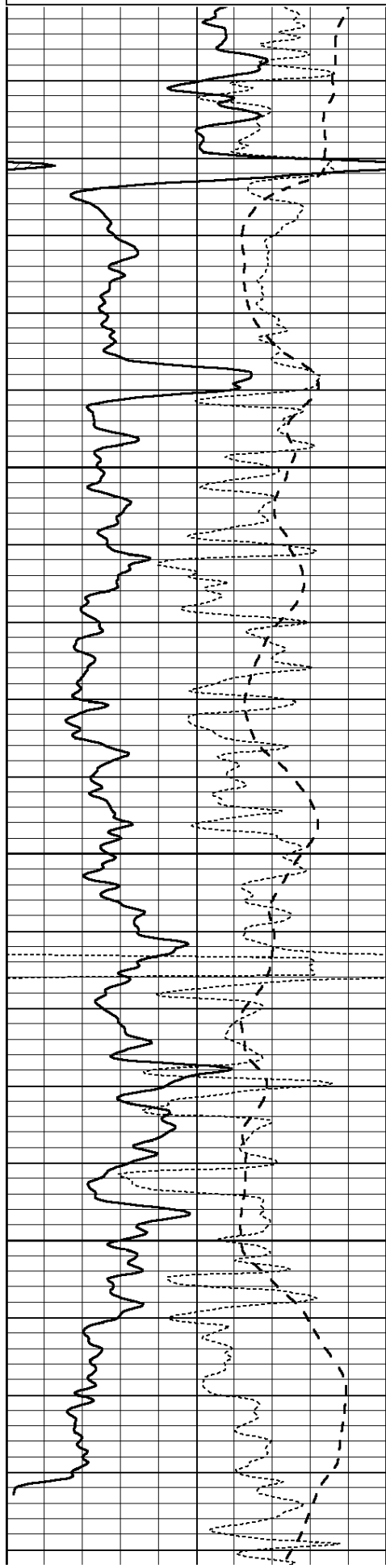


SUPERIOR
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REPEAT SECTION

Database File: 006692pe.db
 Dataset Pathname: pass2.1
 Presentation Format: _dil
 Dataset Creation: Mon Feb 14 23:25:10 2011 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

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



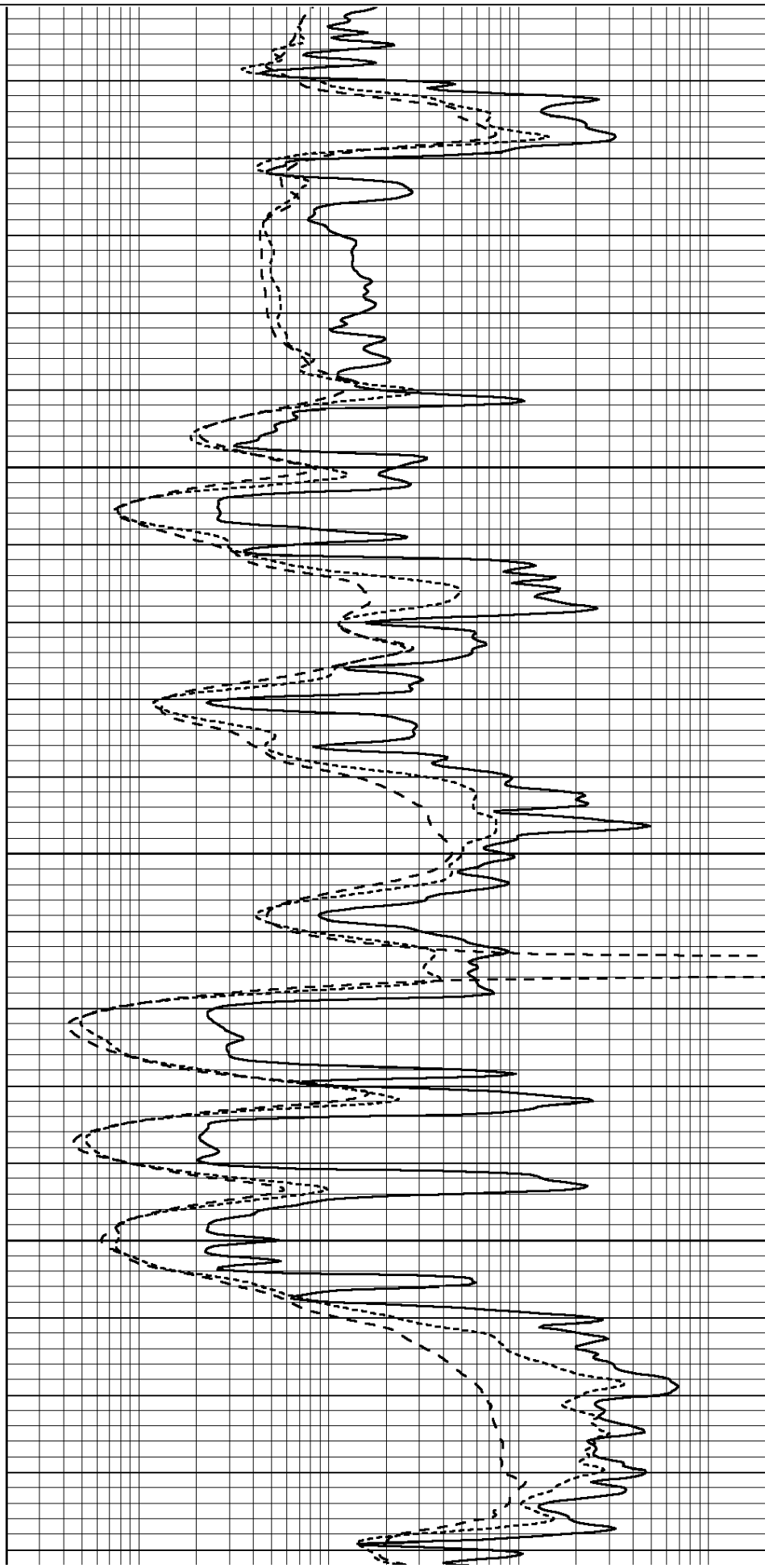
5150

5200

5250

5300

0.2	SHALLOW GAUGE (OHM-Ft)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000



Database File: 006692pe.db Dataset Pathname: pass2.1 Dataset Creation: Mon Feb 14 23:25:10 2011 by Calc Open-Cased 090629 Calibration Report									
Dual Induction Calibration Report									
Serial-Model: PROBE7-DILG Surface Cal Performed: Wed Jul 30 06:14:24 2008 Downhole Cal Performed: Mon Jul 28 12:02:56 2008 After Survey Verification Performed: Mon Jul 28 12:02:56 2008									
Surface Calibration									
Readings References Results									
Loop:	Air	Loop		Air	Loop		m	b	
Deep	-0.014	0.629	V	0.000	400.000	mmho/m	621.923	8.759	
Medium	0.039	0.728	V	0.000	464.000	mmho/m	673.322	-26.058	
Internal:	Zero	Cal		Zero	Cal		m	b	
Deep	0.011	0.610	V	0.000	400.000	mmho/m	667.135	-7.256	
Medium	0.005	0.712	V	0.000	464.000	mmho/m	655.677	-3.102	
Downhole Calibration									
Readings References Results									
	Zero	Cal		Zero	Cal		m'	b'	
Deep	0.000	0.000	mmho/m	14.508	388.384	mmho/m	1.000	0.000	
Medium	0.000	0.000	mmho/m	166.367	504.400	mmho/m	1.000	0.000	
LL3		7.500	V		1400.000	Ohm-m			
		0.000	V		20.000	Ohm-m			
		-7.200	V		4000.000	mmho-m			
After Survey Verification									
Readings Targets Results									
	Zero	Cal		Zero	Cal		m'	b'	
Deep	0.000	0.000	mmho/m	0.000	0.000	mmho/m	0.000	0.000	
Medium	0.000	0.000	mmho/m	0.000	0.000	mmho/m	0.000	0.000	
LL3		1.000	Ohm-m		1.000	Ohm-m			
		0.000	Ohm-m		0.000	Ohm-m			
		1.000	mmho-m		1.000	mmho-m			
Litho Density Calibration Report Serial: 002 Model: PRB Performed Mon Oct 29 15:40:49 2007									

	Background	Magnesium	Aluminum	Sandstone	
Window 1	1056.3	9118.0	2809.7	10378.4	cps
Window 2	969.9	7671.9	2431.6	8565.8	cps
Window 3	683.8	2939.8	1161.0	3161.8	cps
Window 4	231.4	231.6	226.7	230.8	cps
Long Space	0.0	6702.0	1461.7	7595.9	cps
Short Space	1.2	1433.6	959.4	1568.6	cps
Rho		1.7100	2.5900	1.3800	g/cc
Pe			2.5700	1.5500	
Rib Angle	: 45.2	Rib Slope	: 1.008	Density/Spine Ratio	: 0.559
Spine Angle	: 75.2	Spine Slope	: 3.791	Spine Intercept	: -18.7
Caliper	Readings	Reference			
Low Ref	2.8	8.0			
High Ref	5.0	14.0			
	Gain: 2.7		Offset: -0.2		
Compensated Neutron Calibration Report					
		Serial Number:	5I		
		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:	GR6			
	Tool Model:	OPEN			
	Performed:	Mon Feb 14 09:44:17 2011			
	Calibrator Value:	150.0	GAPI		
	Background Reading:	0.0	cps		
	Calibrator Reading:	276.0	cps		
	Sensitivity:	1.5435	GAPI/cps		