



SUPERIOR
Hays,
Kansas

DUAL
INDUCTION
LOG

Company		KANSAS OIL RESOURCES, LLC.	
Well		PFEIFER #1	
Field		I-70	
County		ELLIS	
State		KANSAS	
Company		KANSAS OIL RESOURCES	
Well		PFEIFER #1	
Field		I-70	
County		ELLIS	
State		KANSAS	
Location:		API # : 15-051-26112-0000	
Permanent Datum		GROUND LEVEL	
Log Measured From		1153' FNL & 370' FWL	
Drilling Measured From		SE - SW - NW - NW	
SEC 14		TWP 13S	
RGE 19W		Elevation	
2077		K.B. 2087	
Elevation		D.F. 2085	
G.L. 2077			
Date		3/17/11	
Run Number		ONE	
Depth Driller		3800	
Depth Logger		3801	
Bottom Logged Interval		3799	
Top Log Interval		00	
Casing Driller		8 5/8" @ 223	
Casing Logger		224	
Bit Size		7 7/8	
Type Fluid in Hole		CHEMICAL MUD	
Density / Viscosity		9.3/48	
pH / Fluid Loss		10.5/8.0	
Source of Sample		FLOWLINE	
Rim @ Meas. Temp		.60 @ 80F	
Rinf @ Meas. Temp		.45 @ 80F	
Rmc @ Meas. Temp		.72 @ 80F	
Source of Rmf / Rmc		MEASURED	
Rim @ BHT		.42 @ 113F	
Time Circulation Stopped		2 HOURS	
Time Logger on Bottom			
Maximum Recorded Temperature		113F	
Equipment Number		680	
Location		HAYS, KS.	
Recorded By		JASON CAPPELLUCCI	
Witnessed By		DALE CHRYSLER	

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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
I-70 & YOCEMENTO - 1/2 N. - 1 E. - 1/4 S. - E. INTO



SUPERIOR
Hays,
Kansas

MAIN SECTION

Database File: 006791ddn.db
Dataset Pathname: pass3.12
Presentation Format: _dil2
Dataset Creation: Fri Mar 18 00:13:04 2011 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:600

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

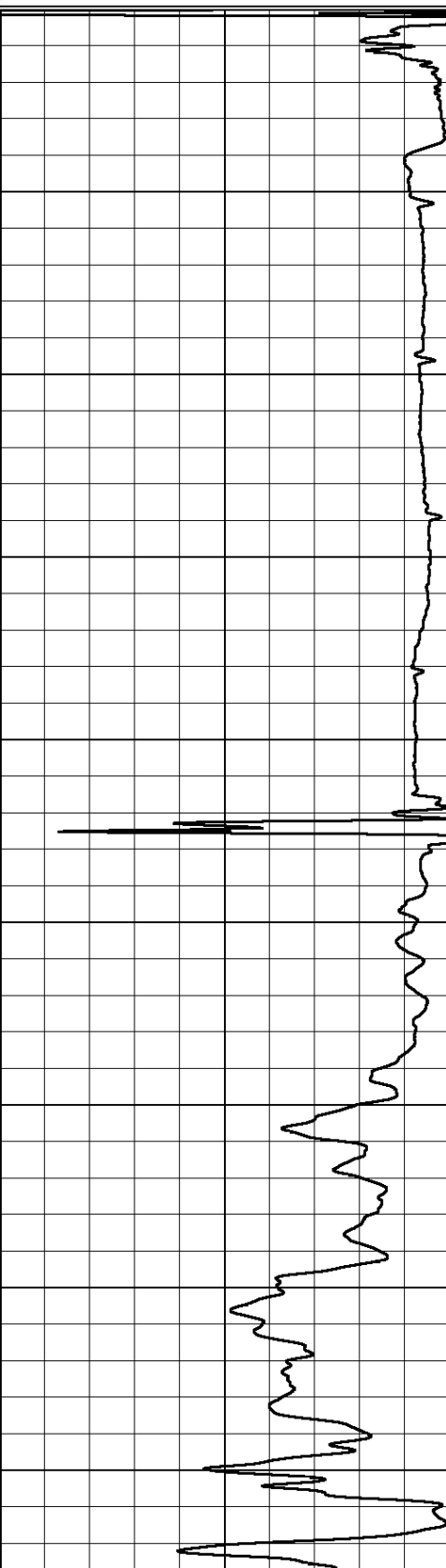
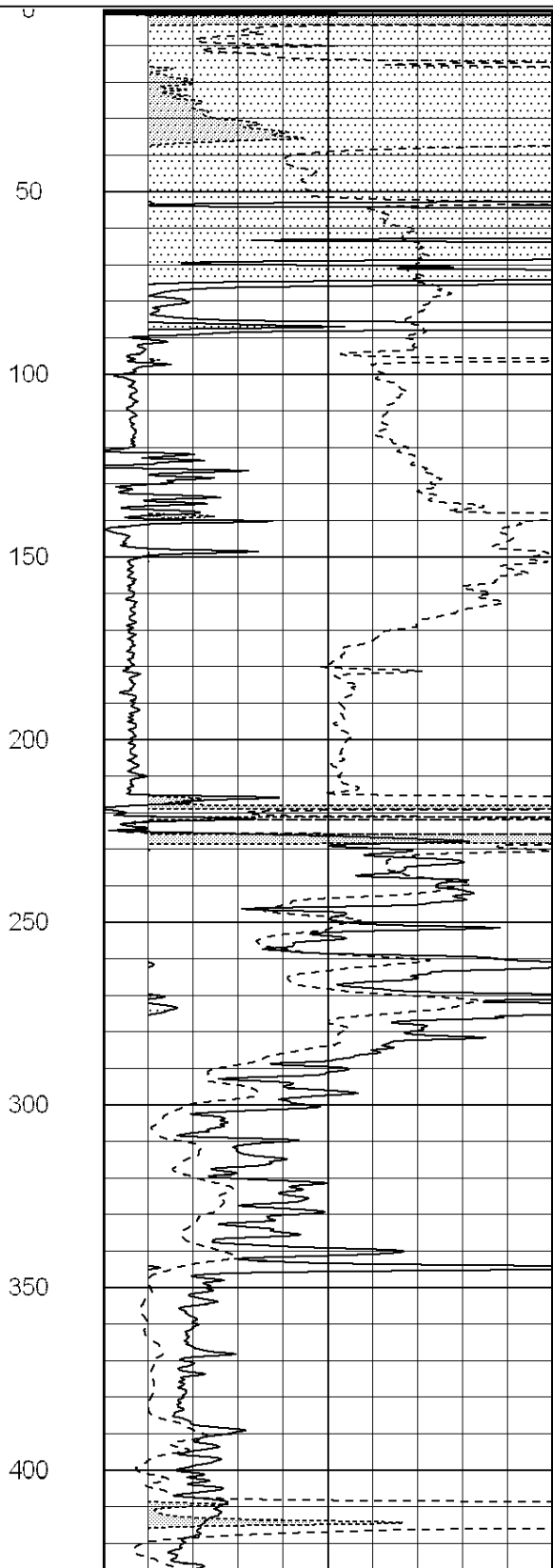
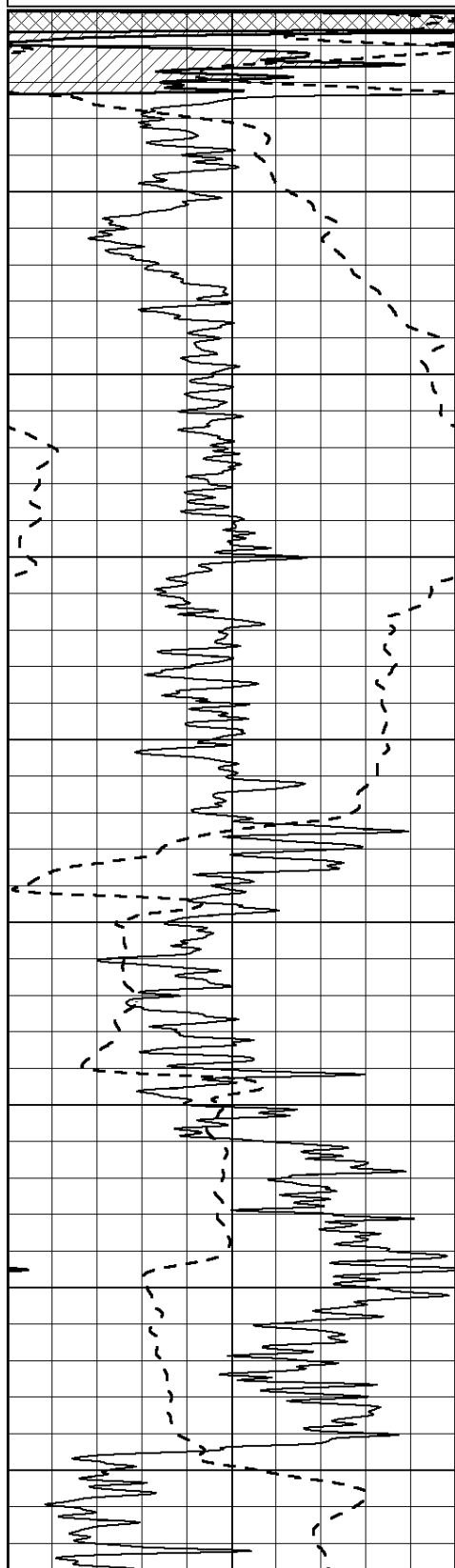
0 RLL3 (Ohm-m) 50

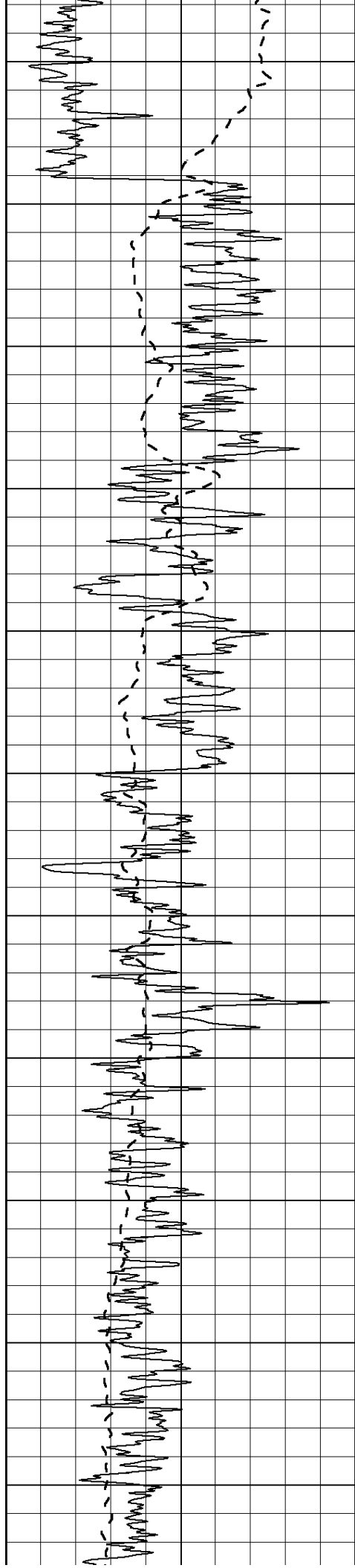
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1000 CILD (mmho/m) 0

50 RILD X10 (Ohm-m) 500

50 RLL3 X10 (Ohm-m) 500





450

500

550

600

650

700

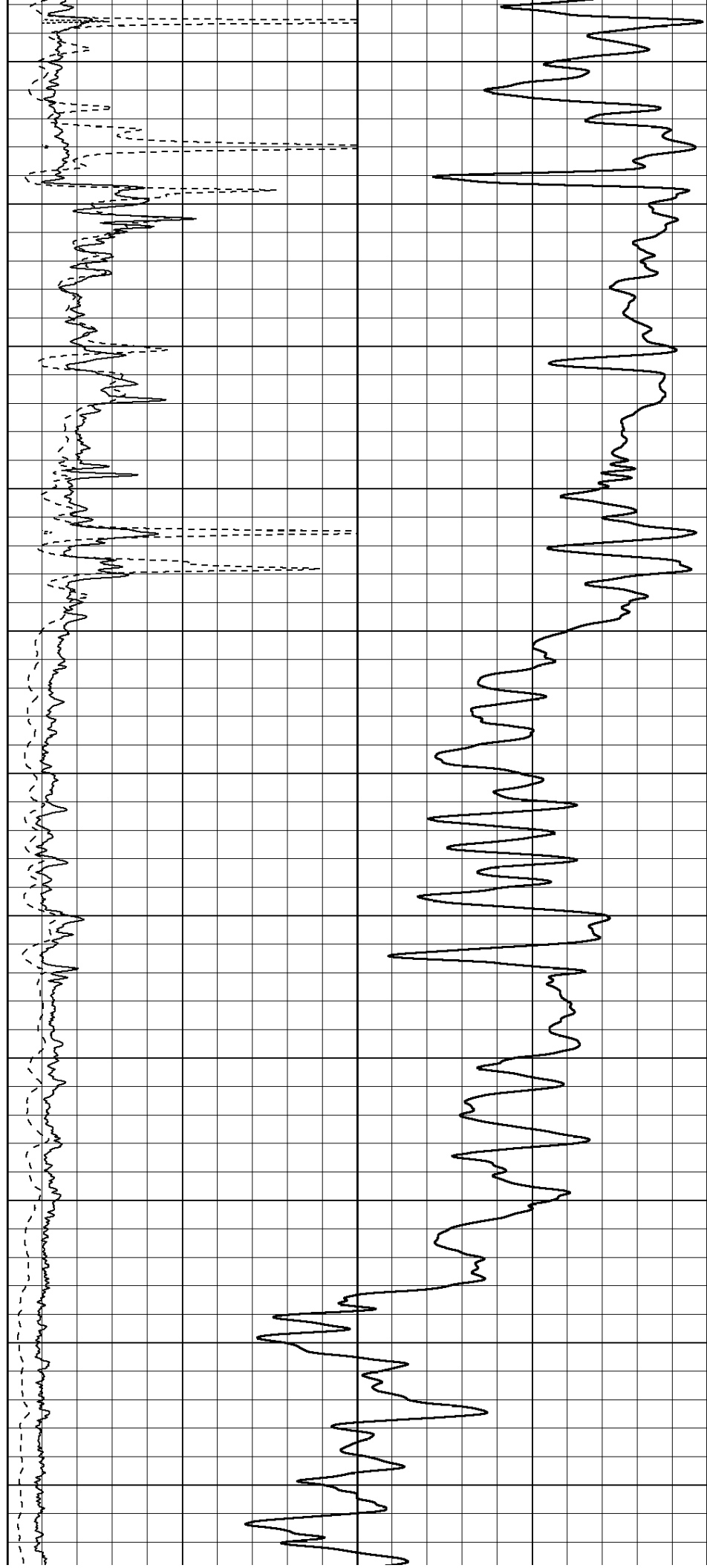
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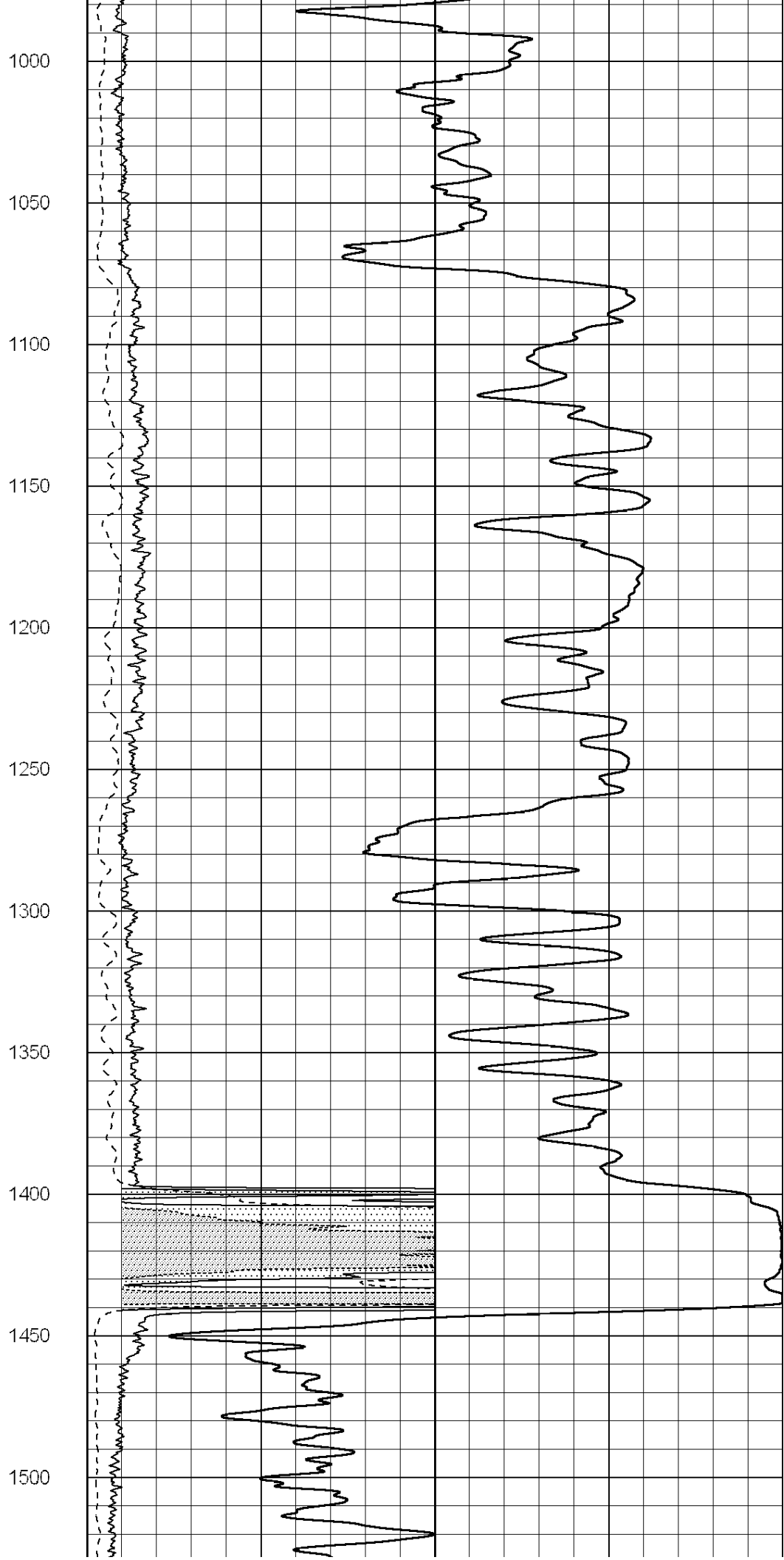
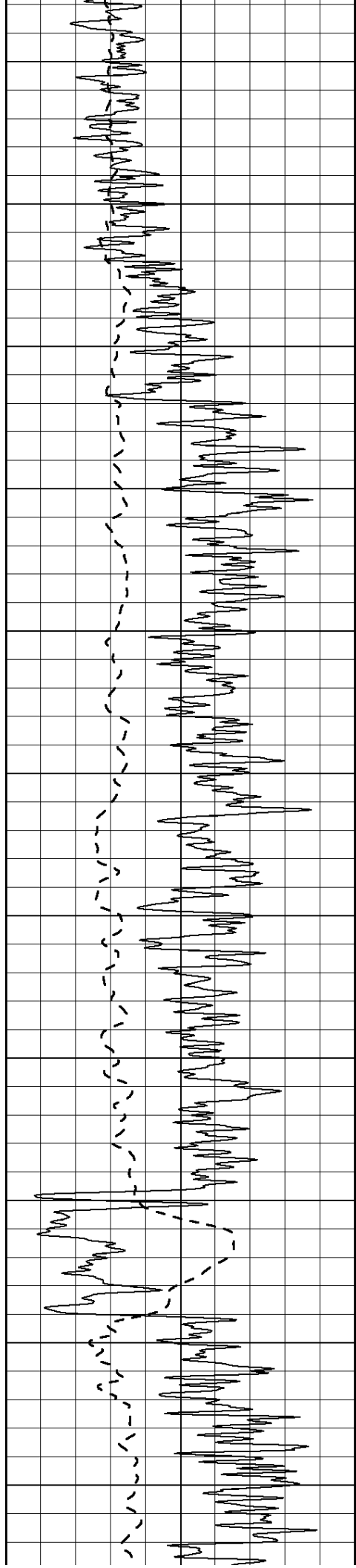
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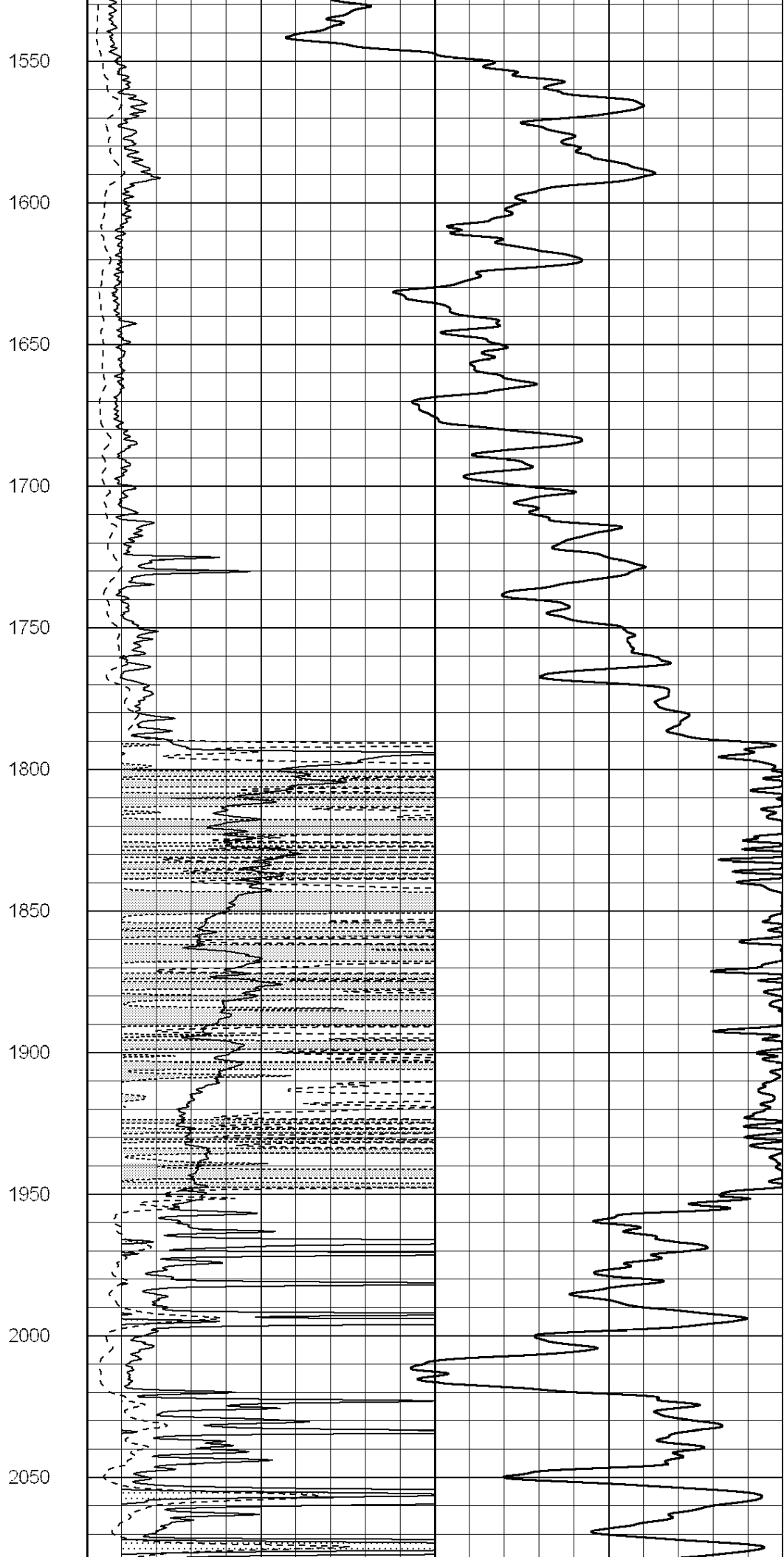
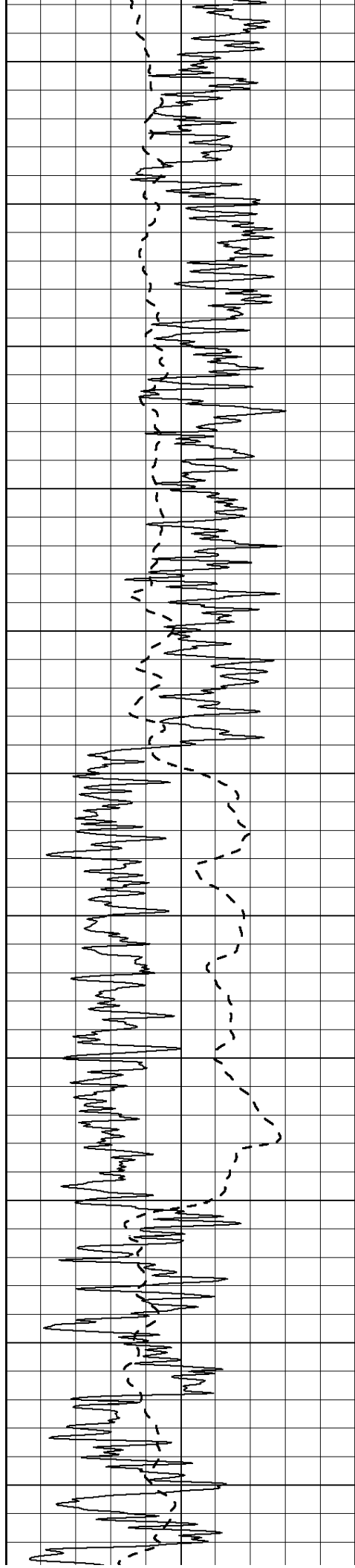
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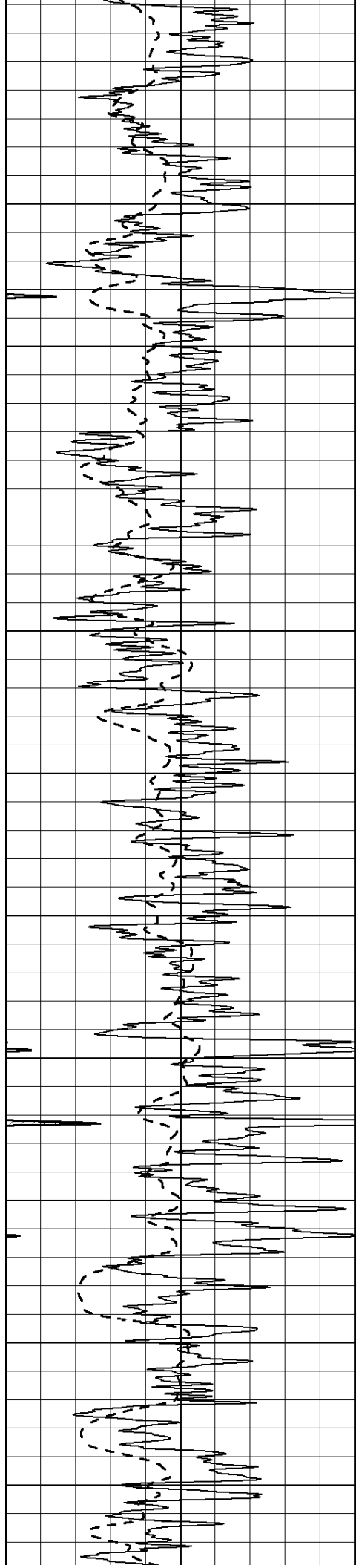
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950









2100

2150

2200

2250

2300

2350

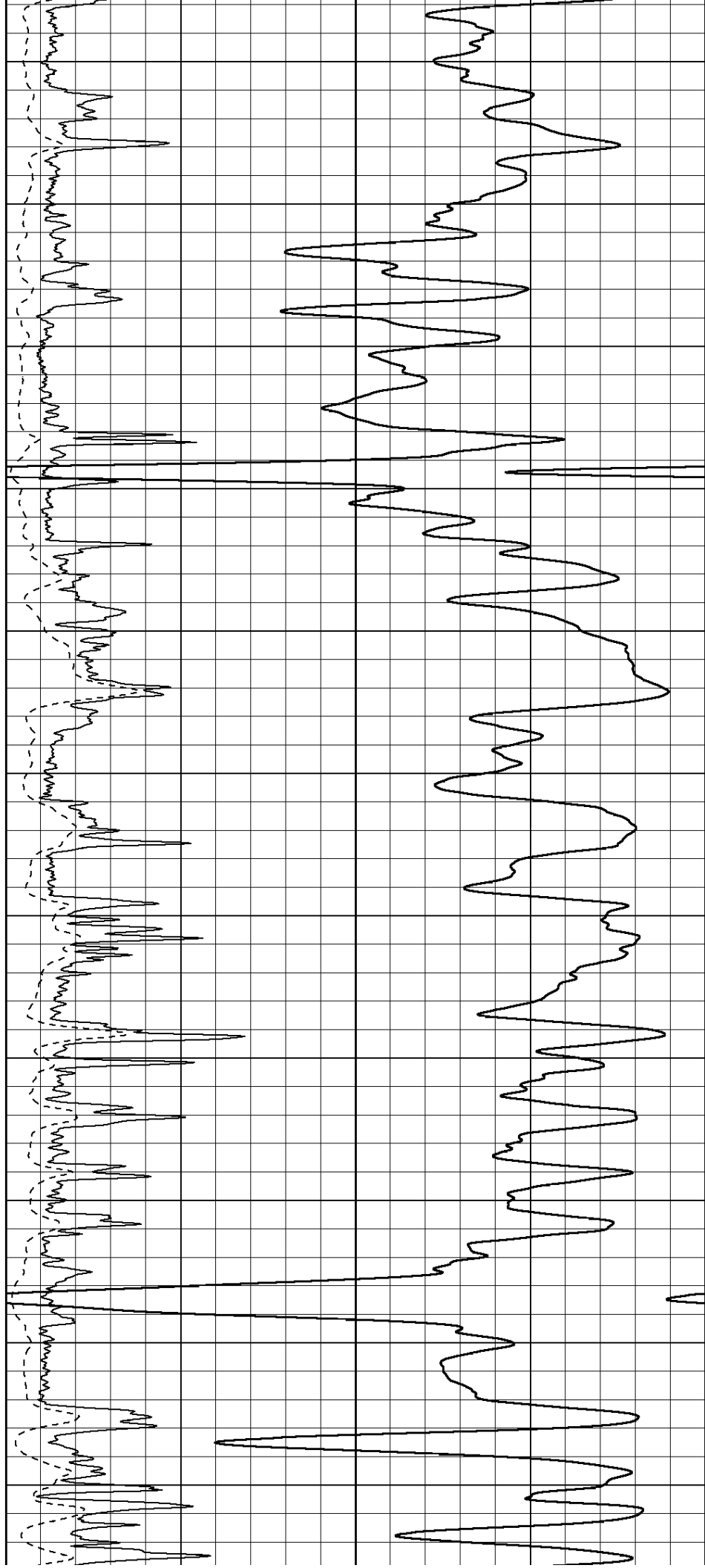
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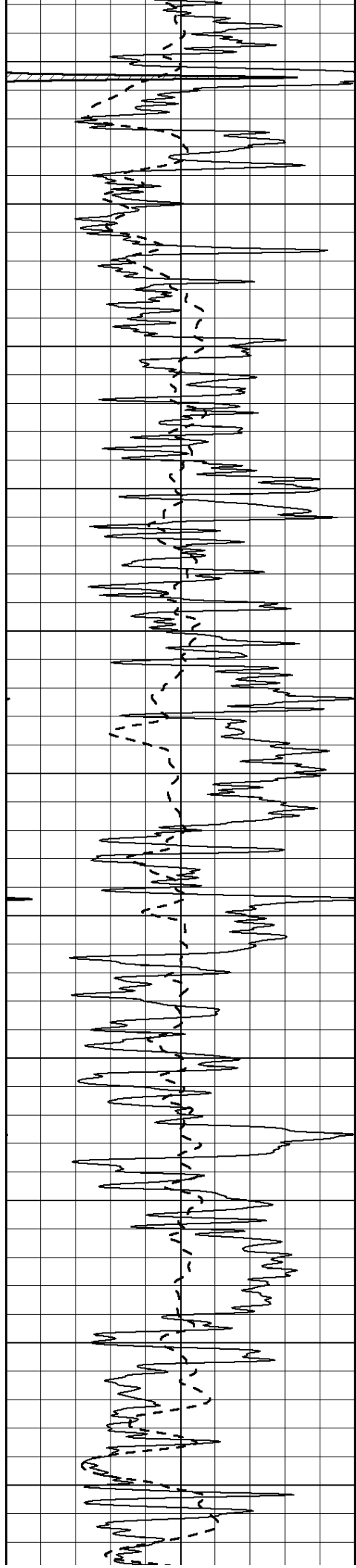
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2500

2550

2600





2650

2700

2750

2800

2850

2900

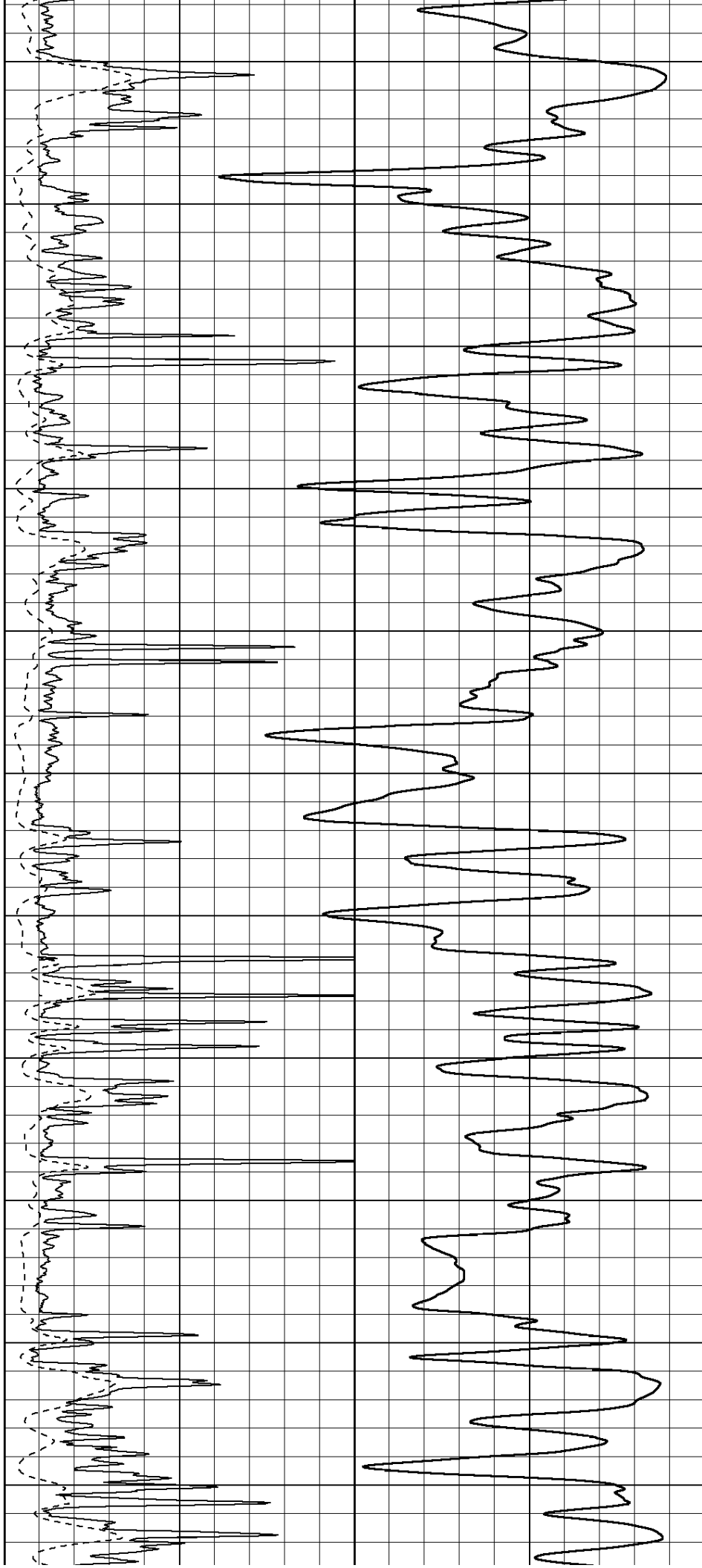
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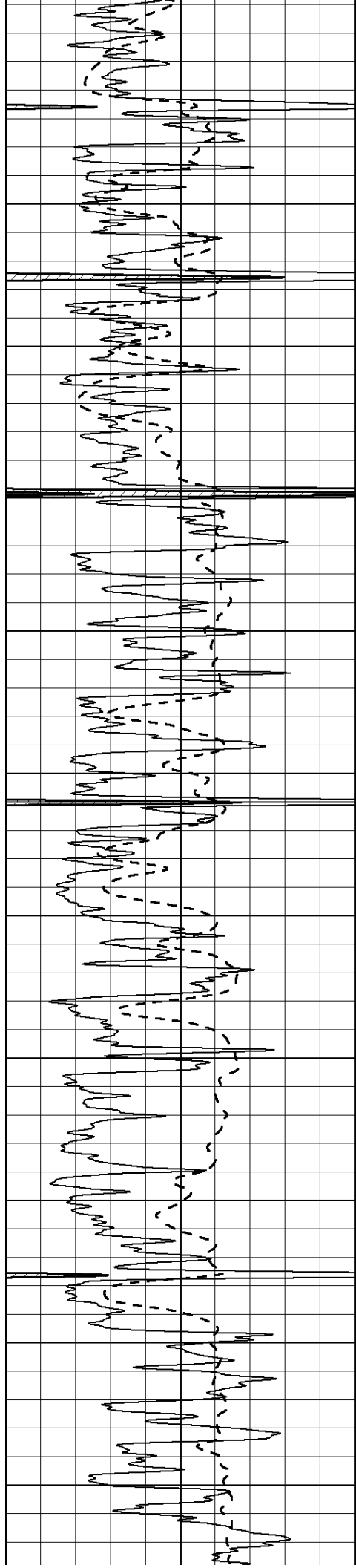
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3050

3100

3150





3200

3250

3300

3350

3400

3450

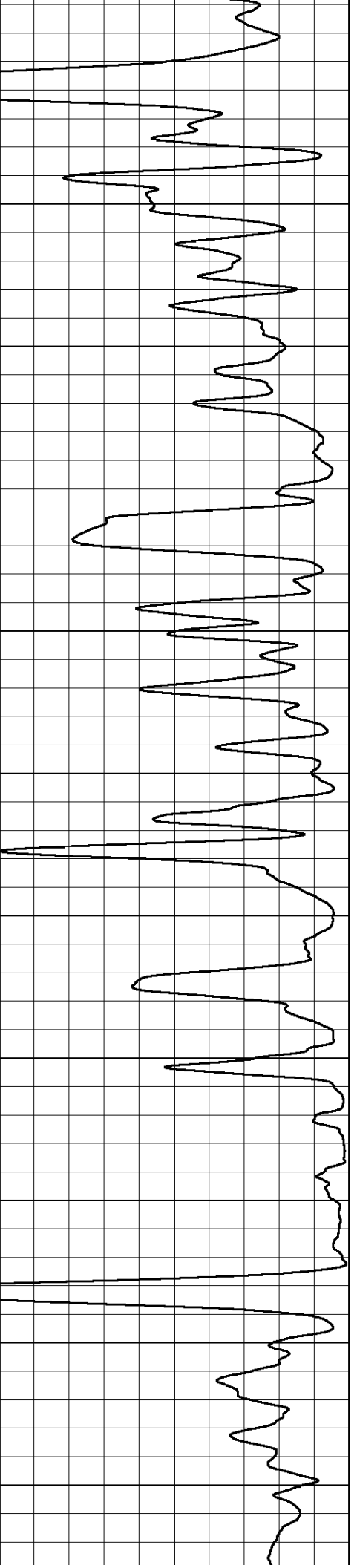
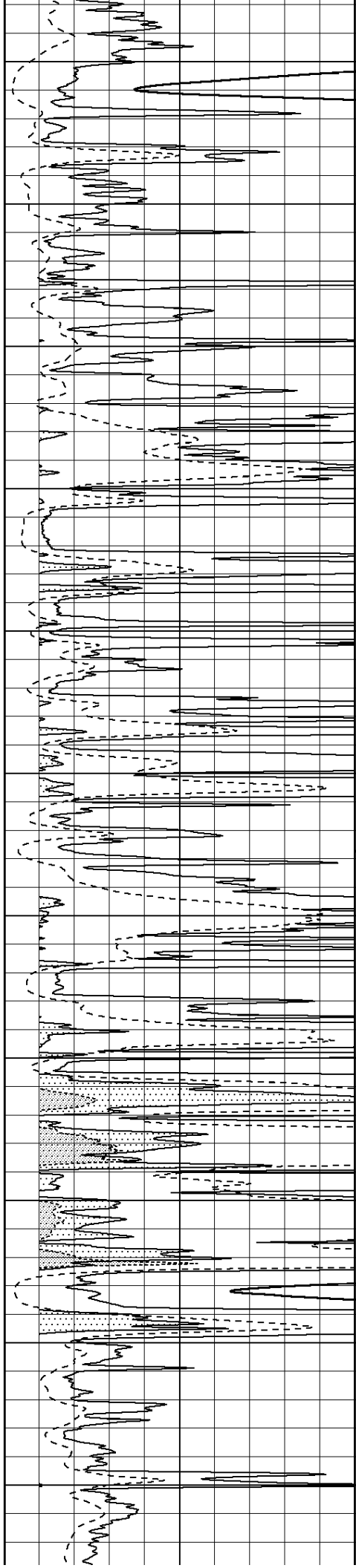
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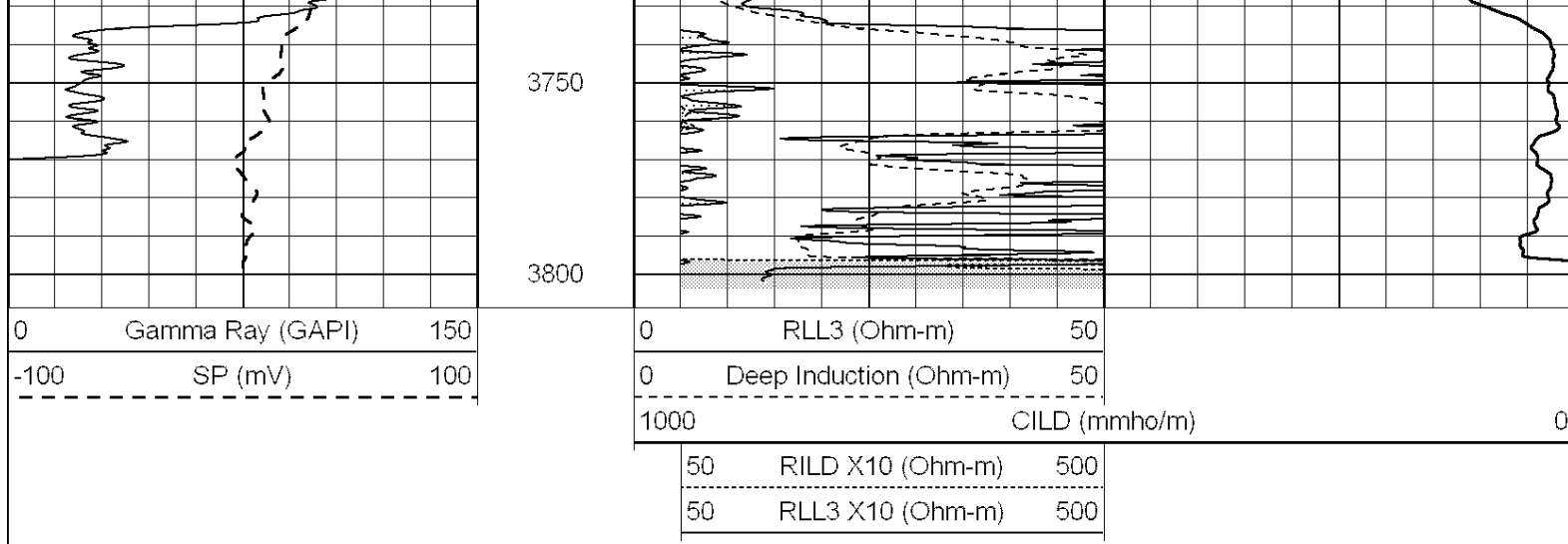
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3600

3650

3700



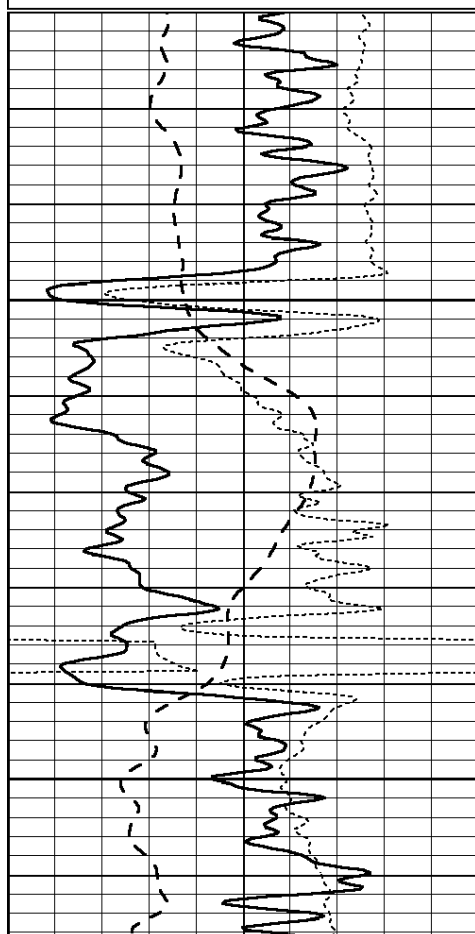


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ANHYDRITE

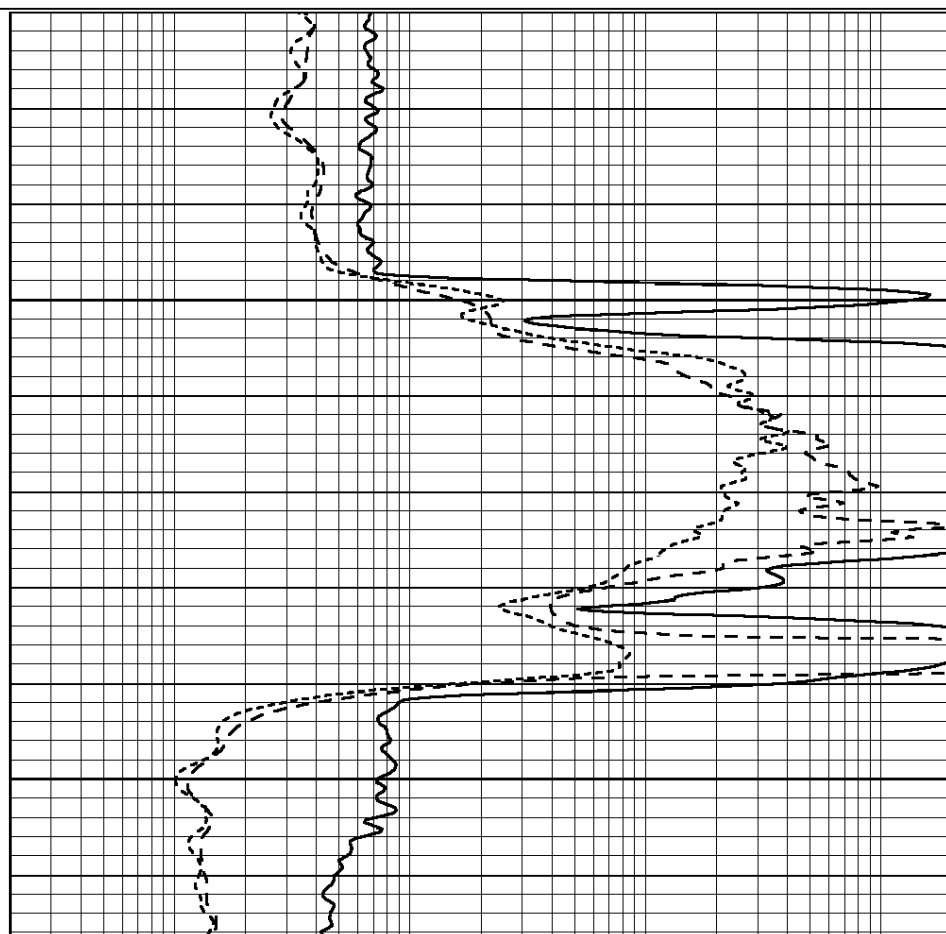
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 Charted by: Depth in Feet scaled 1:240

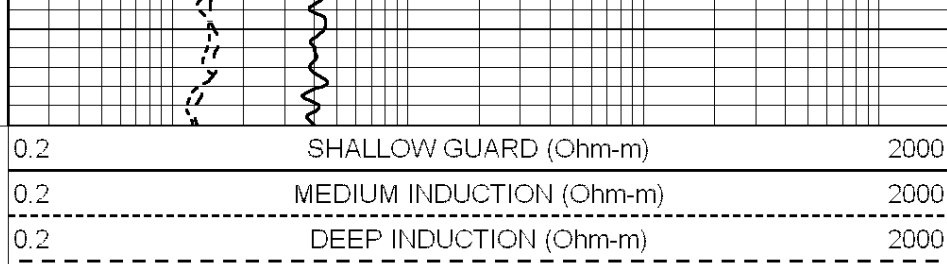
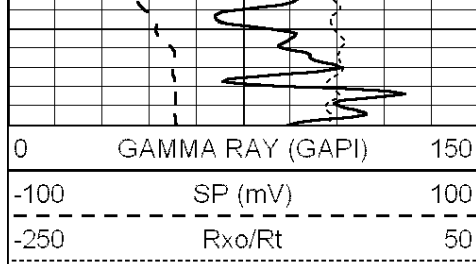
0	GAMMA RAY (GAPI)	150	0.2	SHALLOW GUARD (Ohm-m)	2000
-100	SP (mV)	100	0.2	MEDIUM INDUCTION (Ohm-m)	2000
-250	Rxo/Rt	50	0.2	DEEP INDUCTION (Ohm-m)	2000



1400

1450

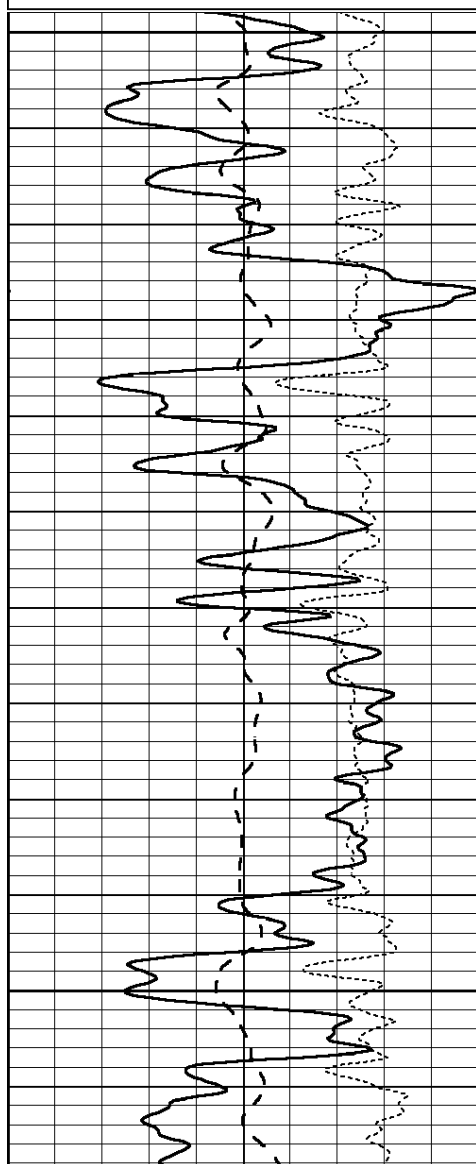
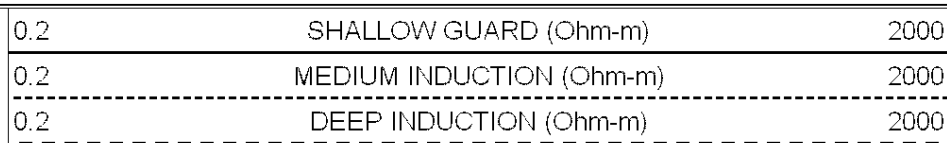
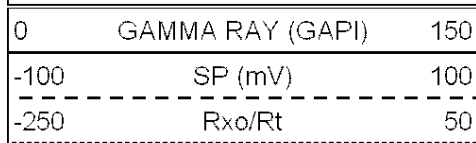




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MAIN SECTION

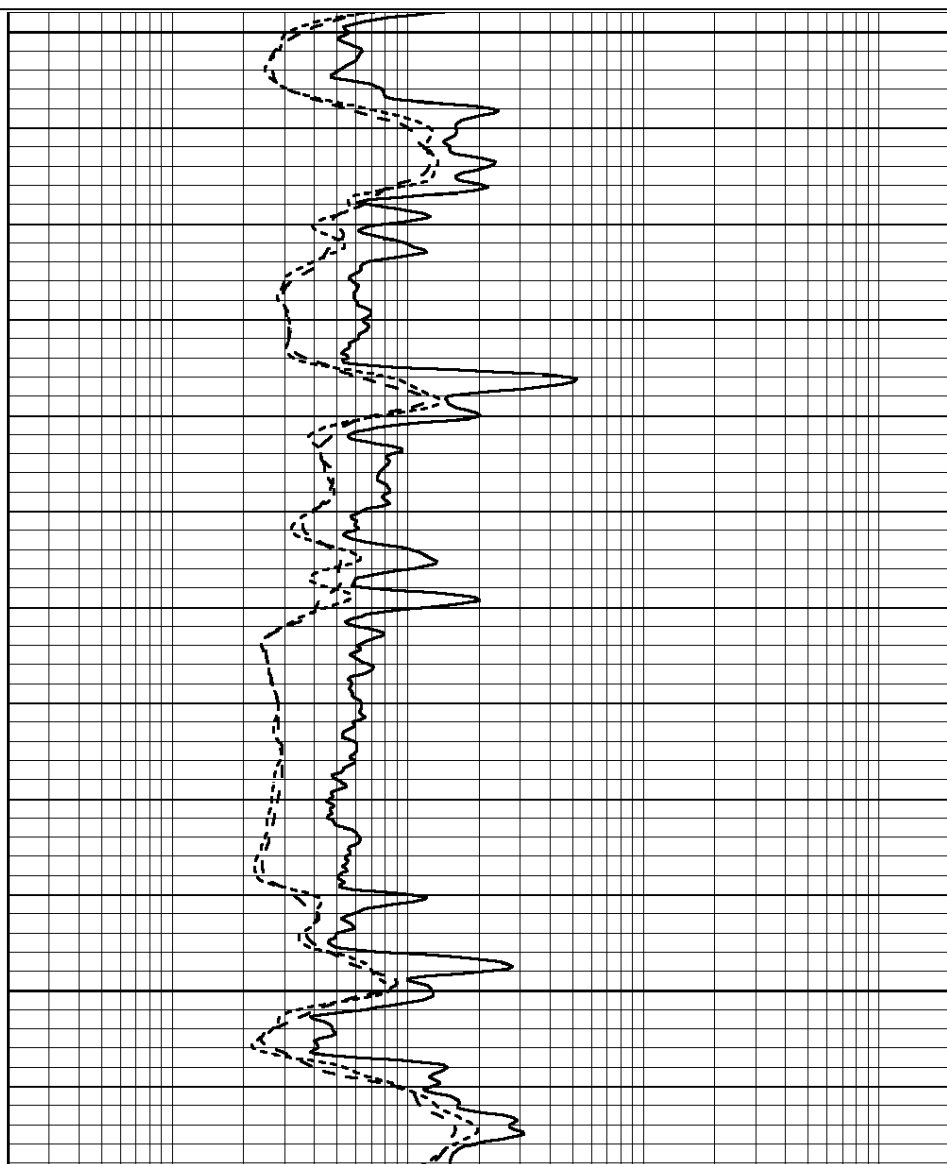
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 Charted by: Depth in Feet scaled 1:240

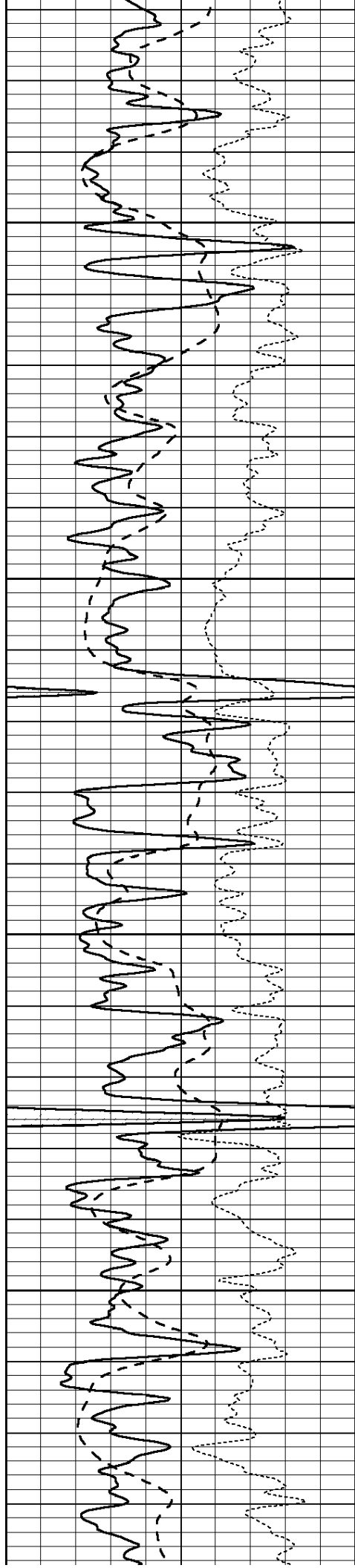


3000

3050

3100



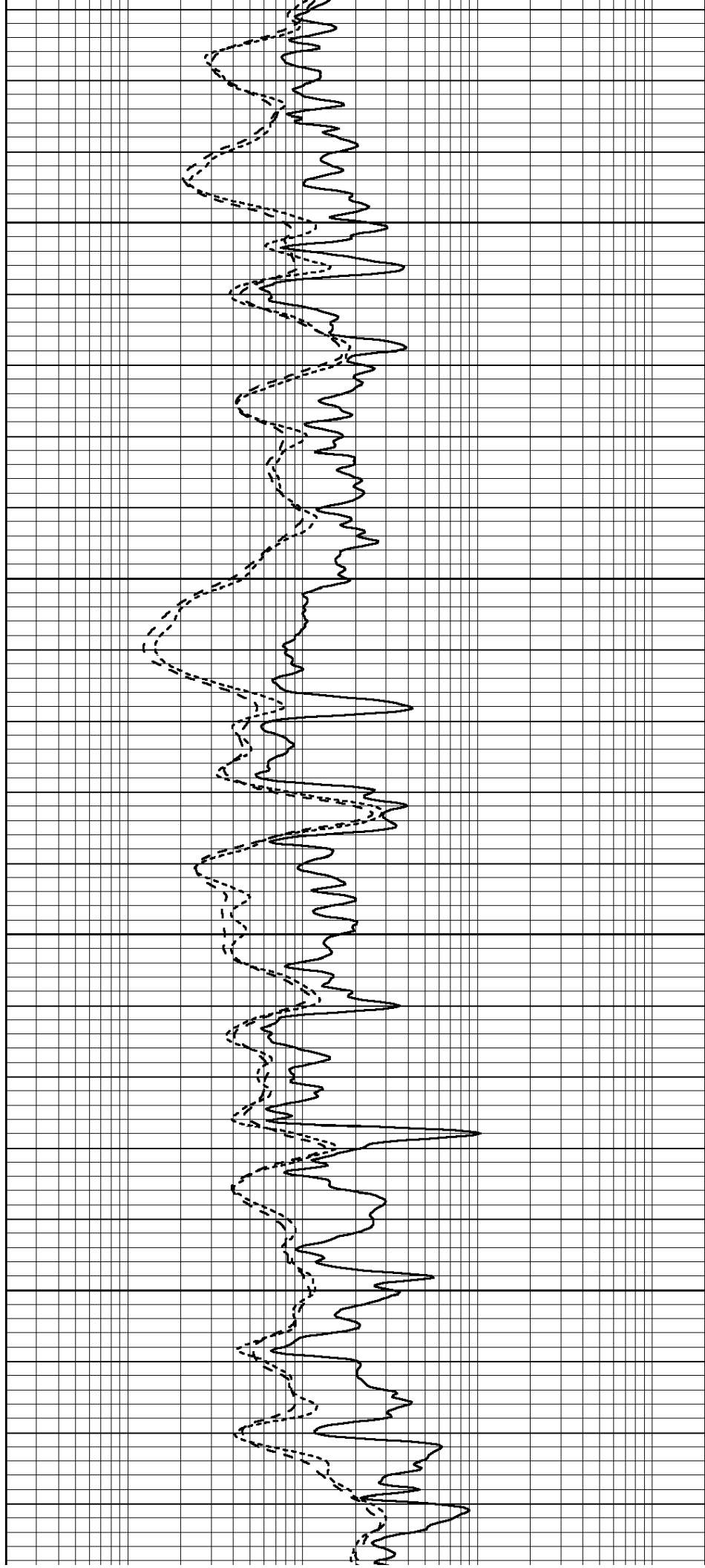


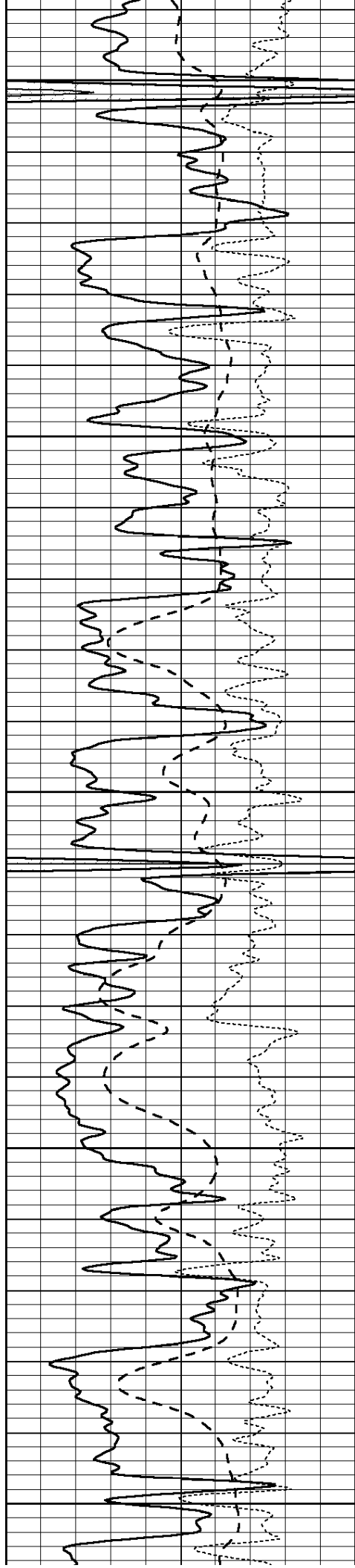
3150

3200

3250

3300





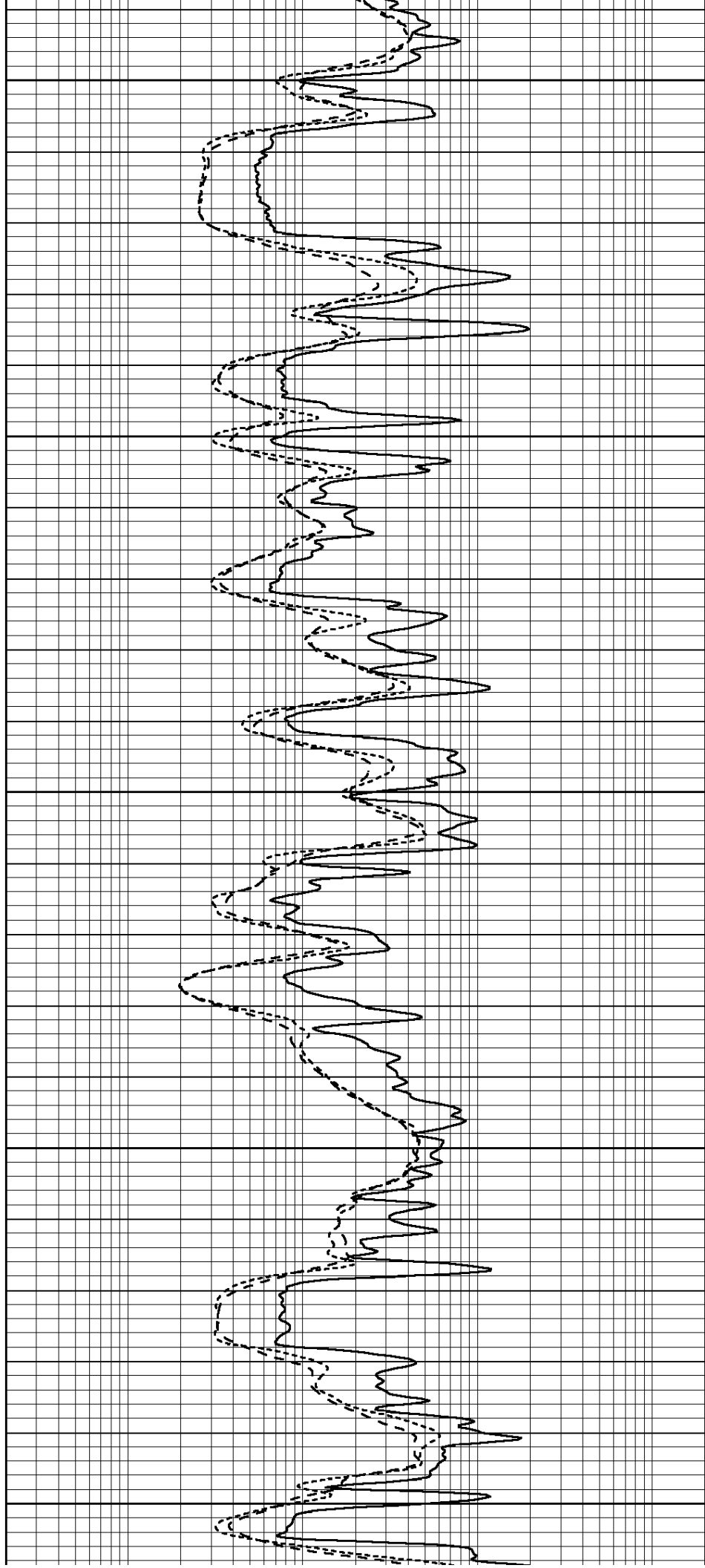
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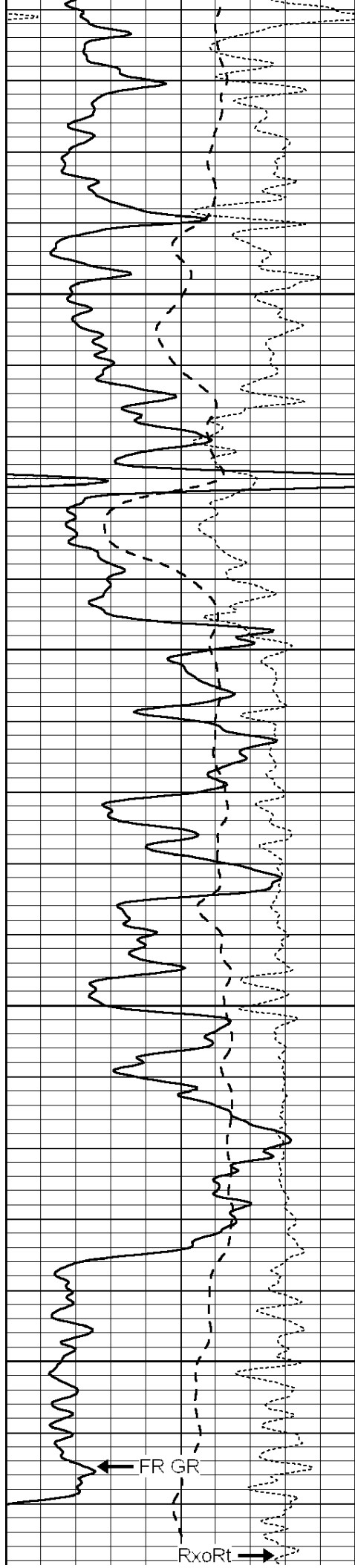
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3450

3500

3550



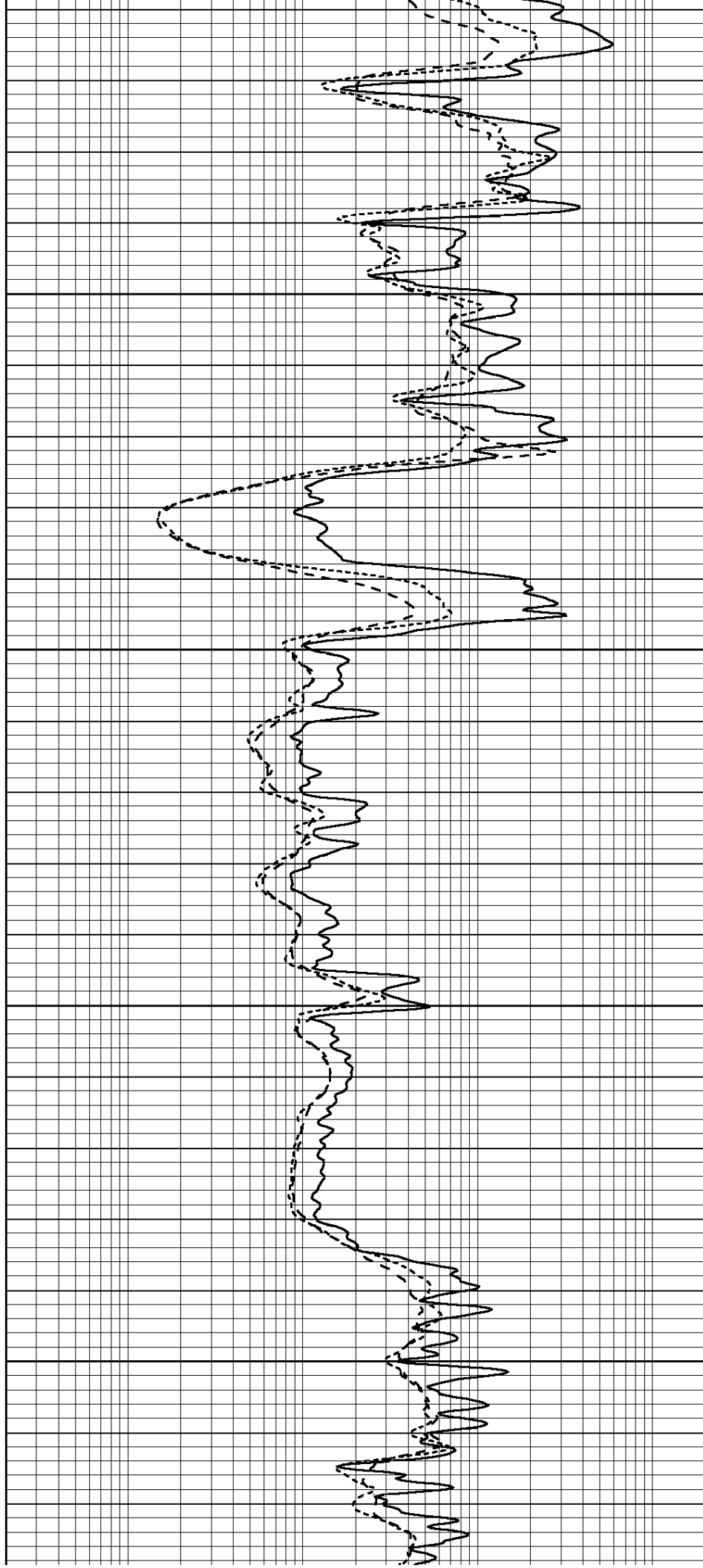


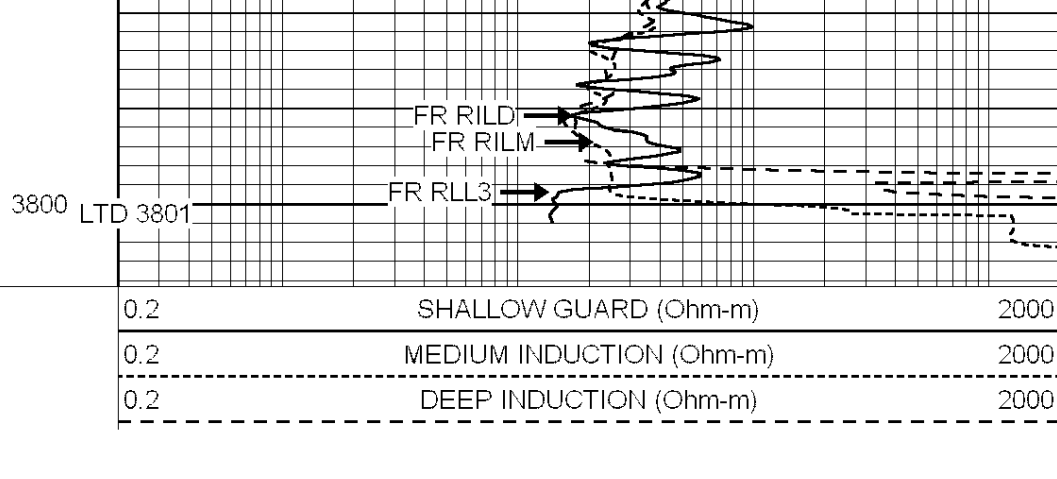
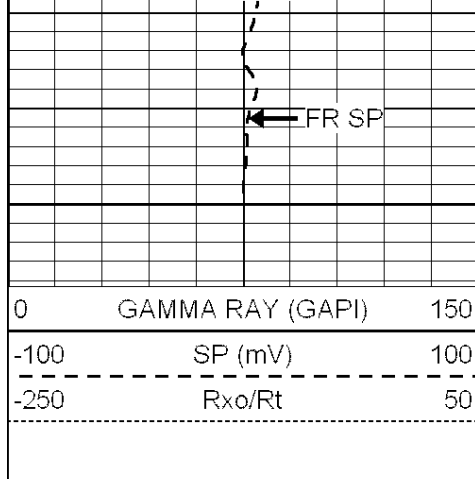
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3700

3750

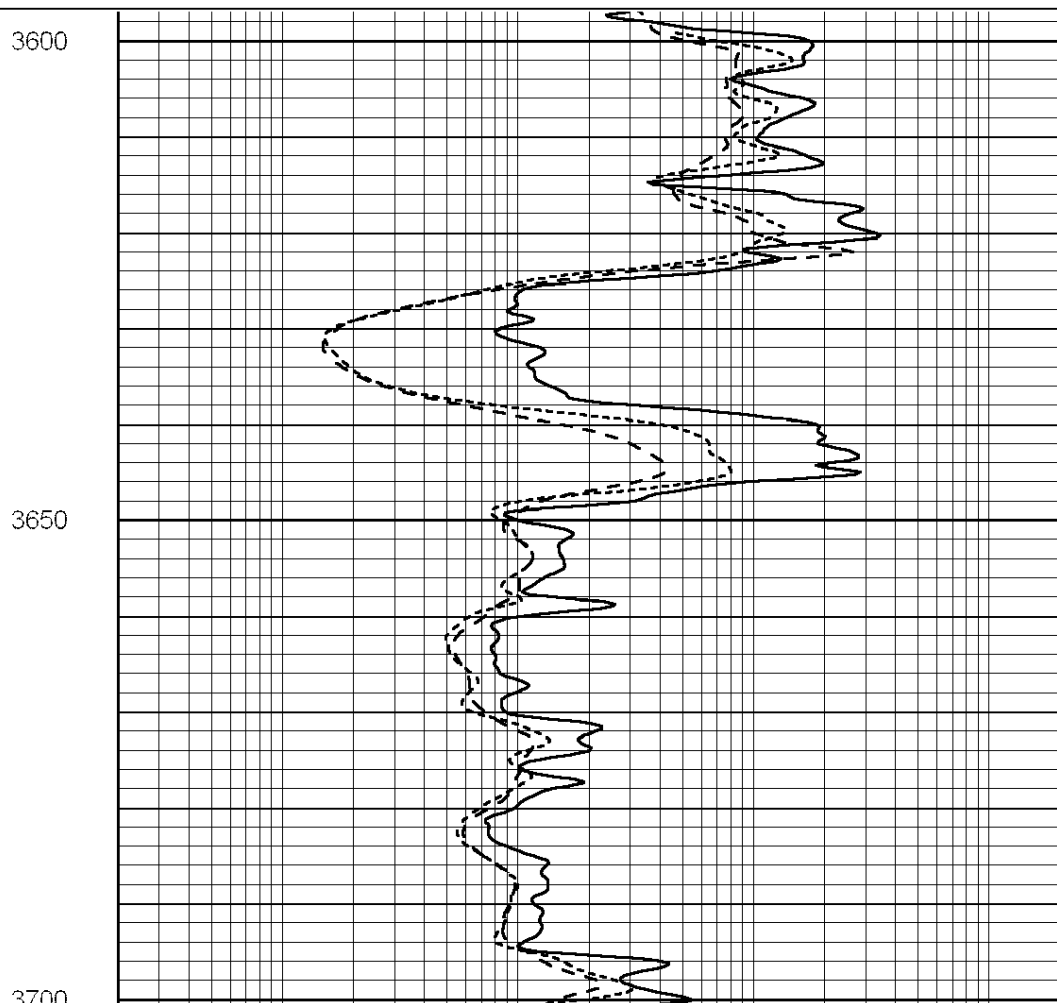
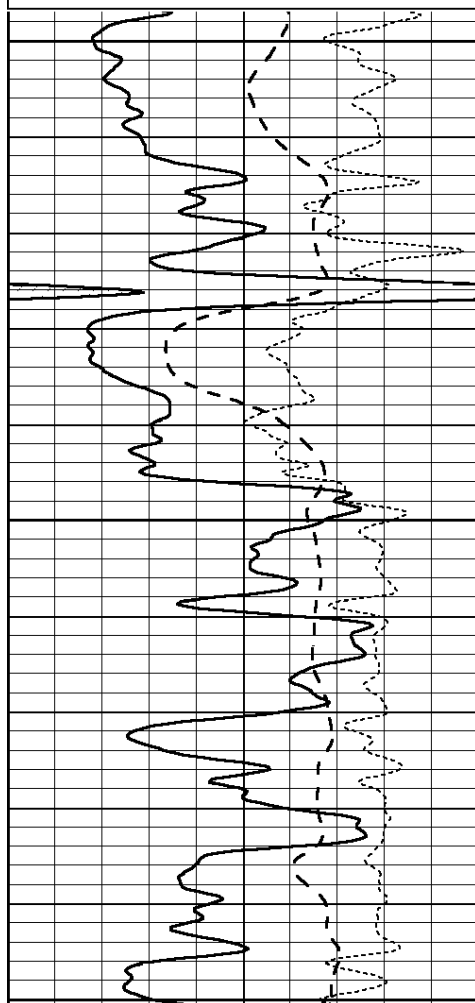
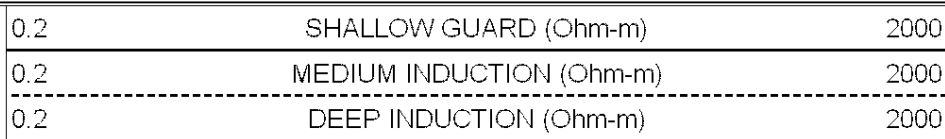
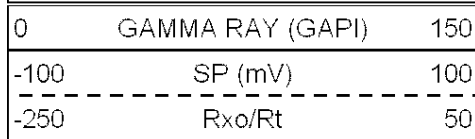


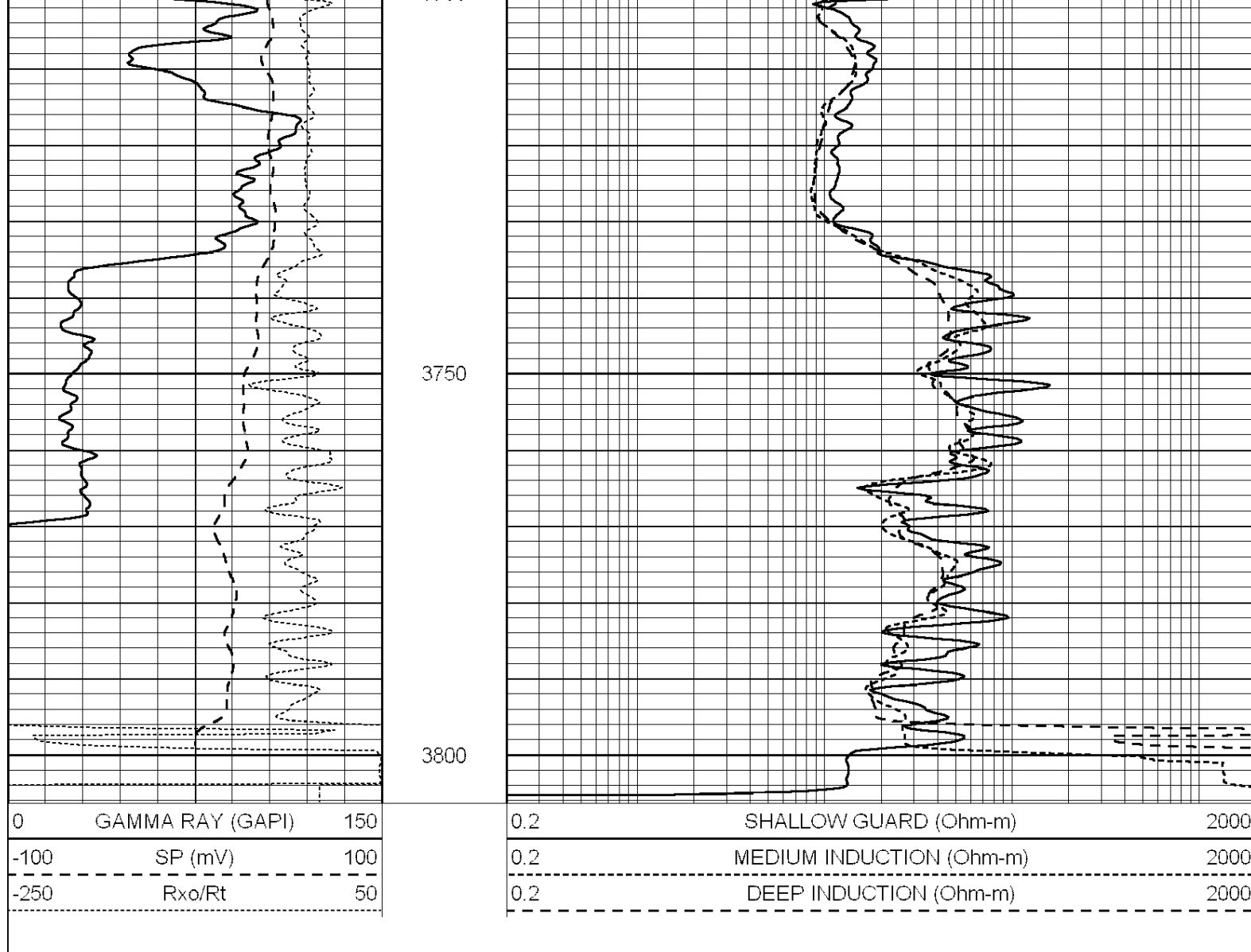


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REPEAT SECTION

Database File: 006791ddn.db
 Dataset Pathname: pass2.1
 Presentation Format: _dil
 Dataset Creation: Fri Mar 18 01:12:26 2011 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240





Calibration Report

Database File: 006791ddn.db
 Dataset Pathname: pass2.1
 Dataset Creation: Fri Mar 18 01:12:26 2011 by Calc Open-Cased 090629

Dual Induction Calibration Report

Serial-Model: DIL4-GEAR
 Performed: Tue Mar 01 11:19:26 2011

Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.008	0.666	V	0.000	400.000	mmho/m	470.000	-6.000
Medium	-0.003	0.769	V	0.000	462.500	mmho/m	460.000	-3.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.013	0.651	V	0.000	400.000	mmho/m	627.541	-8.365
Medium	0.020	0.754	V	0.000	462.500	mmho/m	630.311	-12.549

Compensated Density Calibration Report

Serial-Model: GEAR4-GEARHART
 Source / Verifier: 143 / 143
 Master Calibration Performed: Wed Jan 26 17:58:17 2011

Master Calibration

	Density			Far Detector		Near Detector
Magnesium	1.710	g/cc		1015.91		497.51 cps
Aluminum	2.580	g/cc		227.67		350.20 cps
Spine Angle = 76.79			Density/Spine Ratio = 0.566			
	Size			Reading		
Small Ring	8.00	in		2.50	V	
Large Ring	14.00	in		4.70	V	

Compensated Neutron Calibration Report

Serial Number: 6I
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: #8
Tool Model: OPEN
Performed: Fri Feb 18 03:07:29 2011

Calibrator Value: 150.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 175.0 cps

Sensitivity: 0.8971 GAPI/cps