



**COMPLETION
& PRODUCTION
SERVICES CO.**

**DUAL
INDUCTION
LOG**

Company	MUSTANG ENERGY COPORATION		
Well	DECHANT BROTHERS #1		
Field	WILDCAT		
County	NESS	State	KANSAS
Location:	API # : 15-135-25807-00-00 1540' FSL & 1695' FEL SW - SE - NW - SE		Other Services CNL/CDL MEL/SON
SEC 2 TWP 20S RGE 22W		Elevation	
Permanent Datum	GROUND LEVEL	Elevation	2249
Log Measured From	KELLY BUSHING 8' A.G.L.		
Drilling Measured From	KELLY BUSHING		K.B. 2257 D.F. 2255 G.L. 2249
Date	8/26/14		
Run Number	ONE		
Depth Driller	4510		
Depth Logger	4511		
Bottom Logged Interval	4509		
Top Log Interval	00		
Casing Driller	8 5/8" @ 221		
Casing Logger	220		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 6000 PPM	
Density / Viscosity	9.2/50		
pH / Fluid Loss	9.5/8.8		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.50 @ 84F		
Rmf @ Meas. Temp	0.38 @ 84F		
Rmc @ Meas. Temp	0.60 @ 84F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	0.35 @ 121F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	121F		
Equipment Number	3802		
Location	HAYS, KS.		
Recorded By	IAN MABB		
Witnessed By	JASON T ALM		

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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

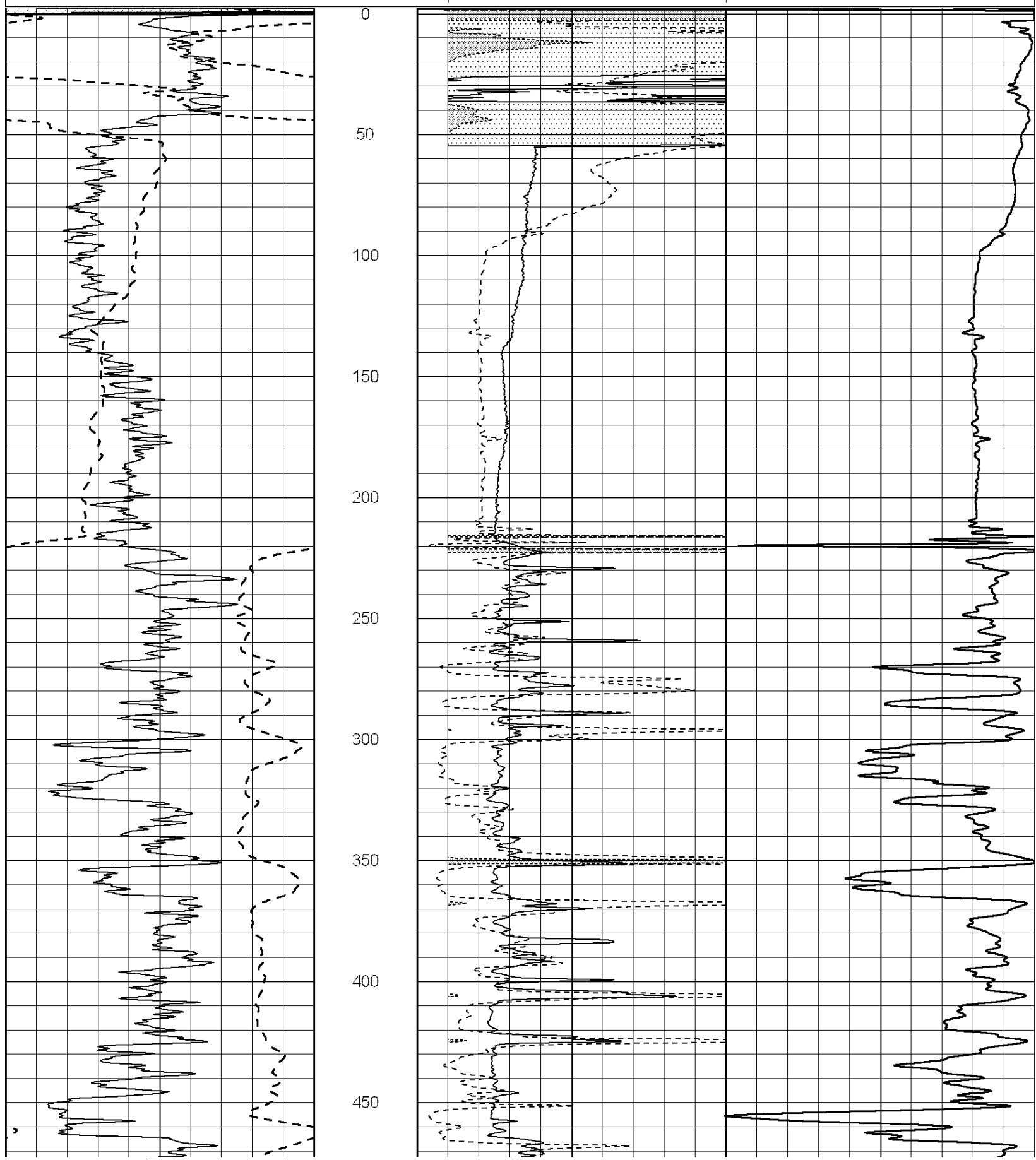
THANK YOU FOR USING NABORS COMPLETION & PRODUCTION SVCS. (785) 628-6395

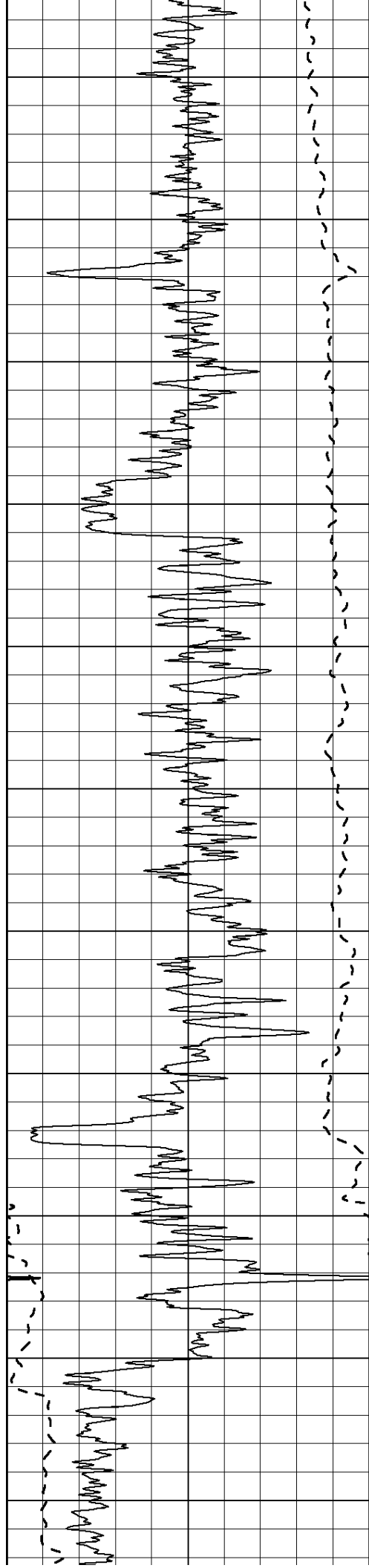
DIRECTIONS:
BAZINE, KS. - 8 MILES SOUTH TO RD 50 - 1 1/2 MILES WEST - NORTH INTO

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

0	RLL3 (Ohm-m)	50
0	Deep Induction (Ohm-m)	50

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





500

550

600

650

700

750

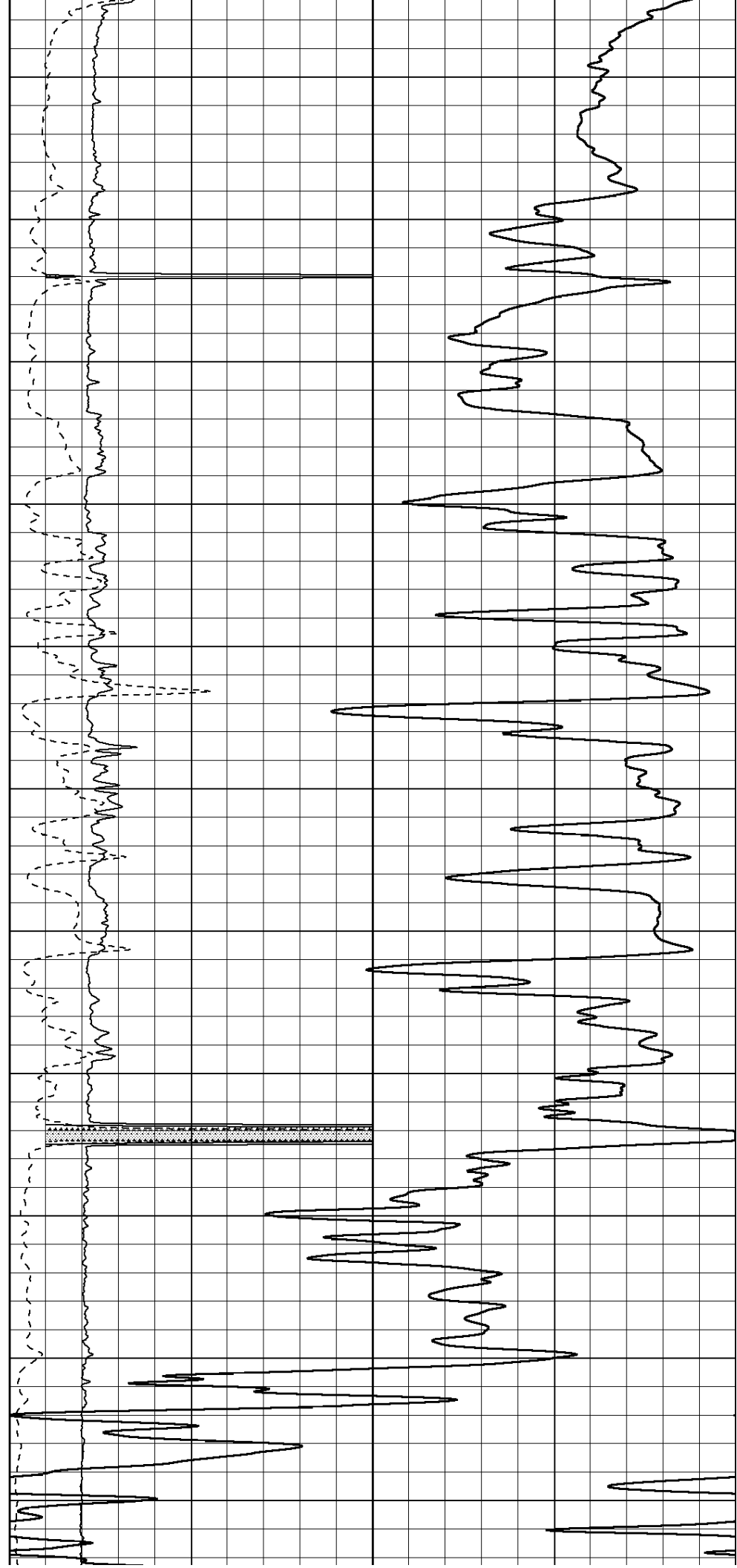
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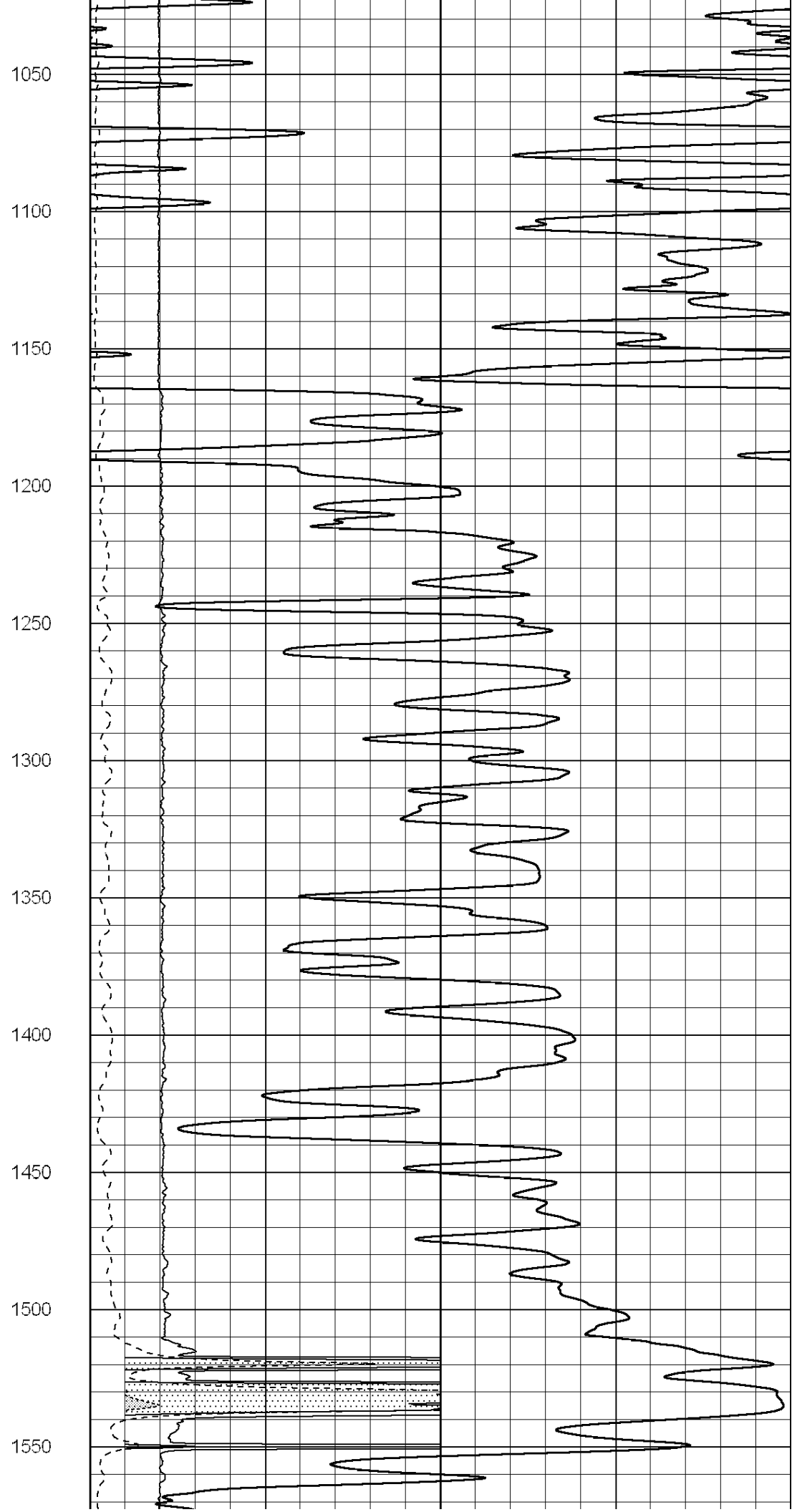
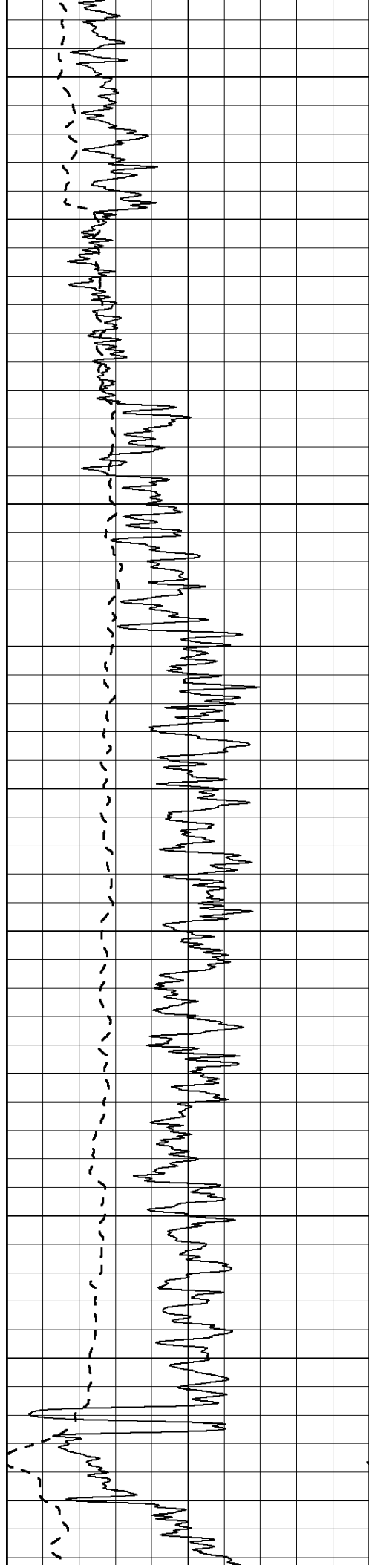
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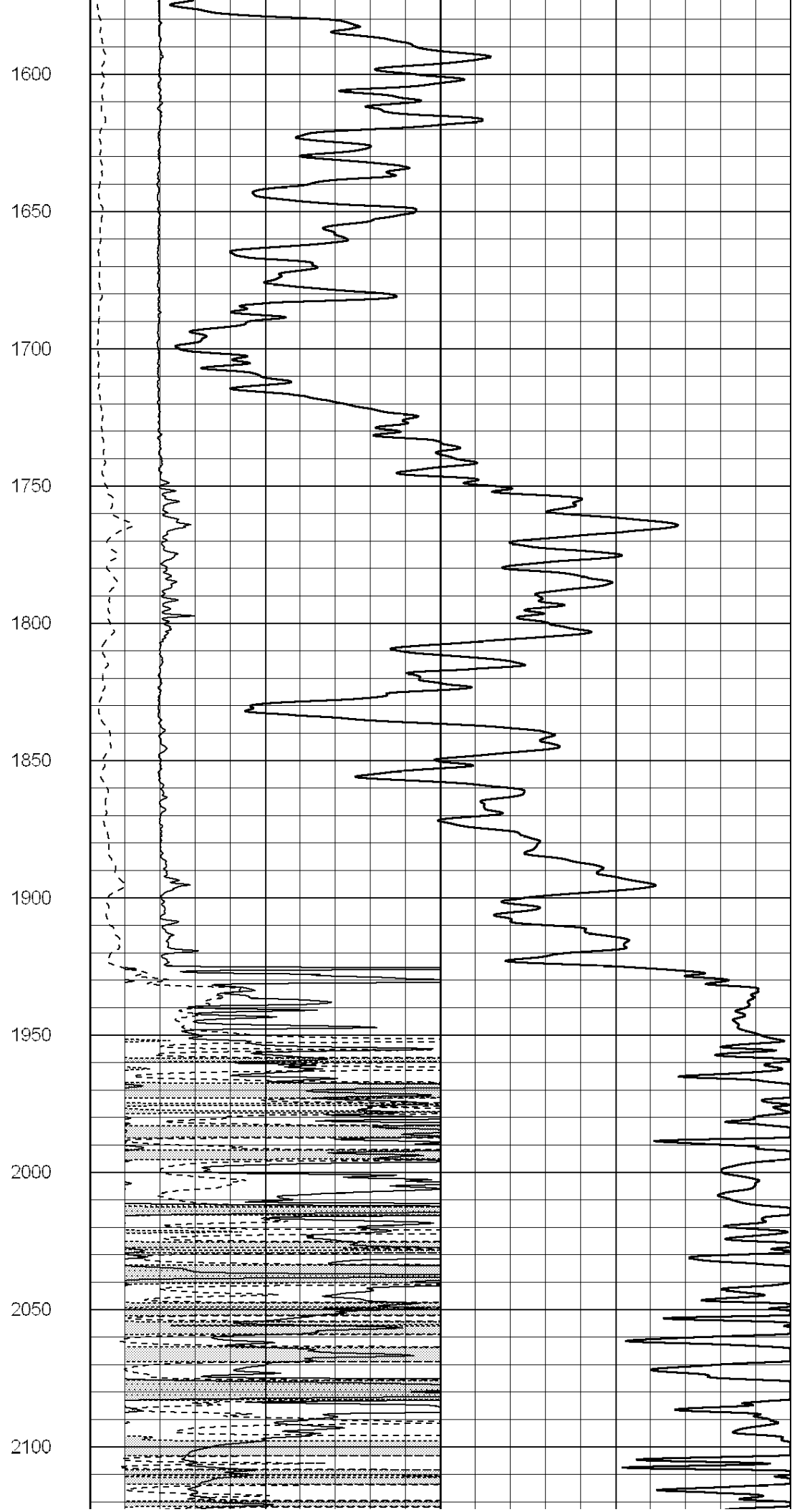
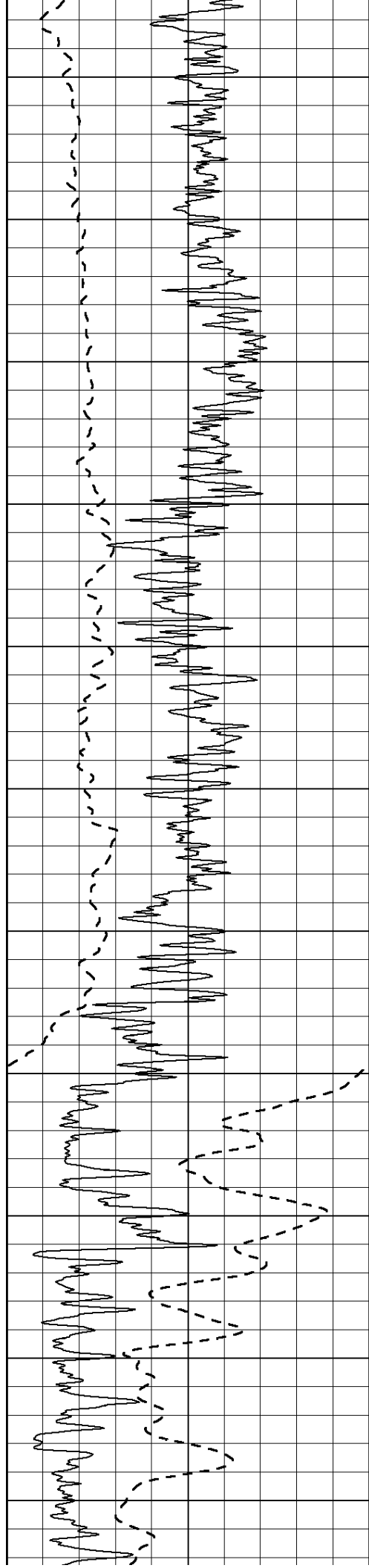
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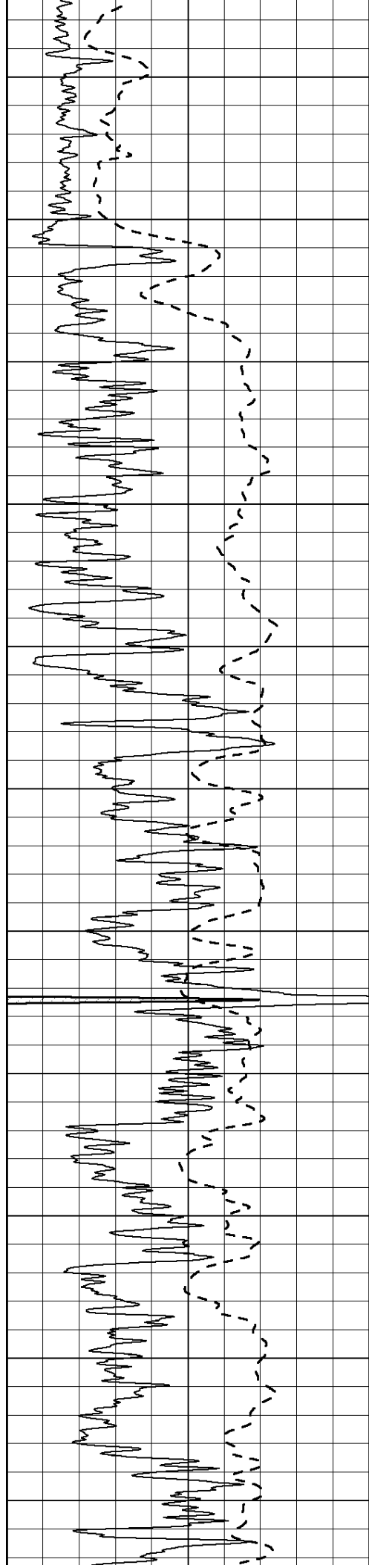
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1000









2150

2200

2250

2300

2350

2400

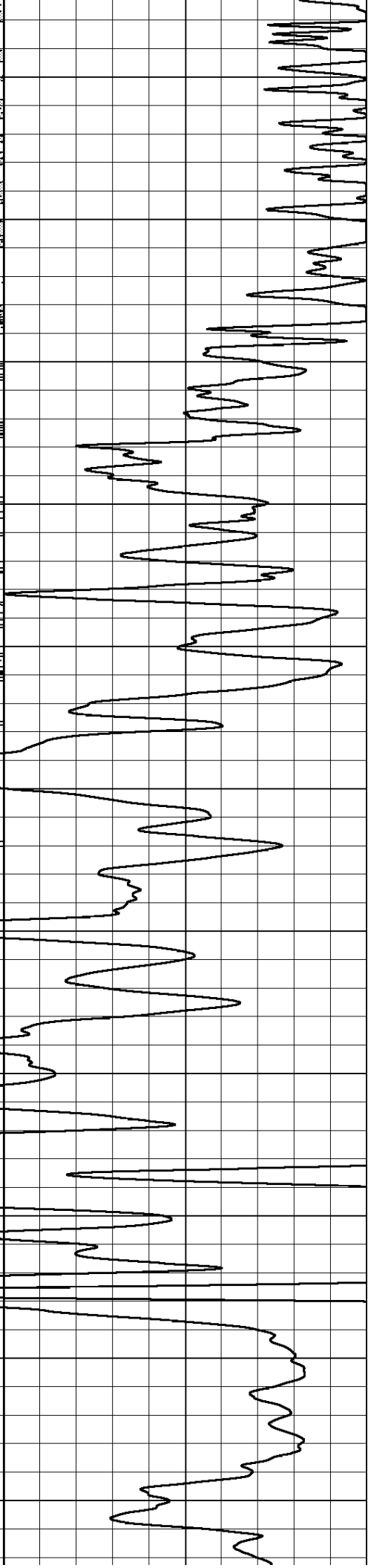
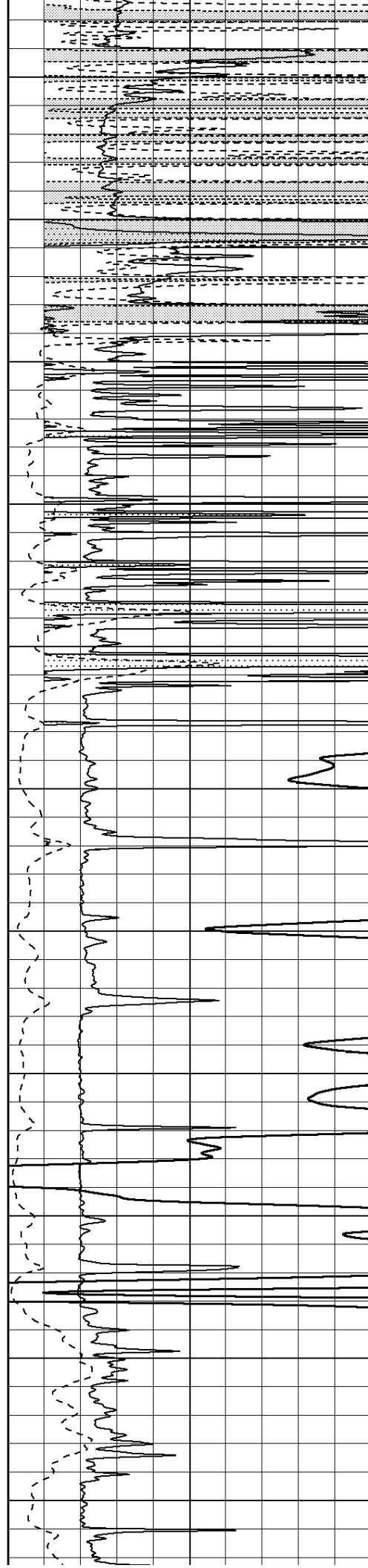
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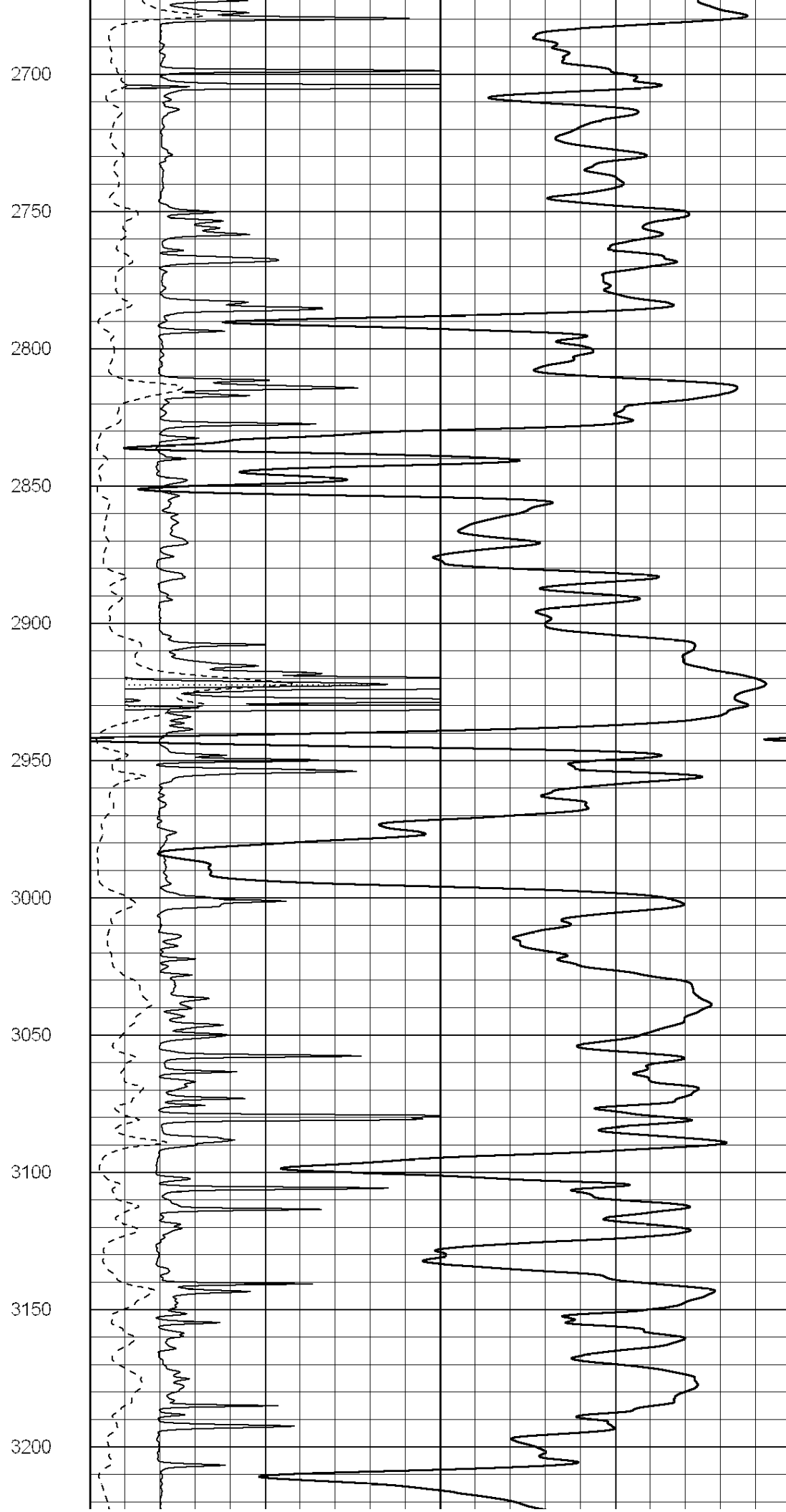
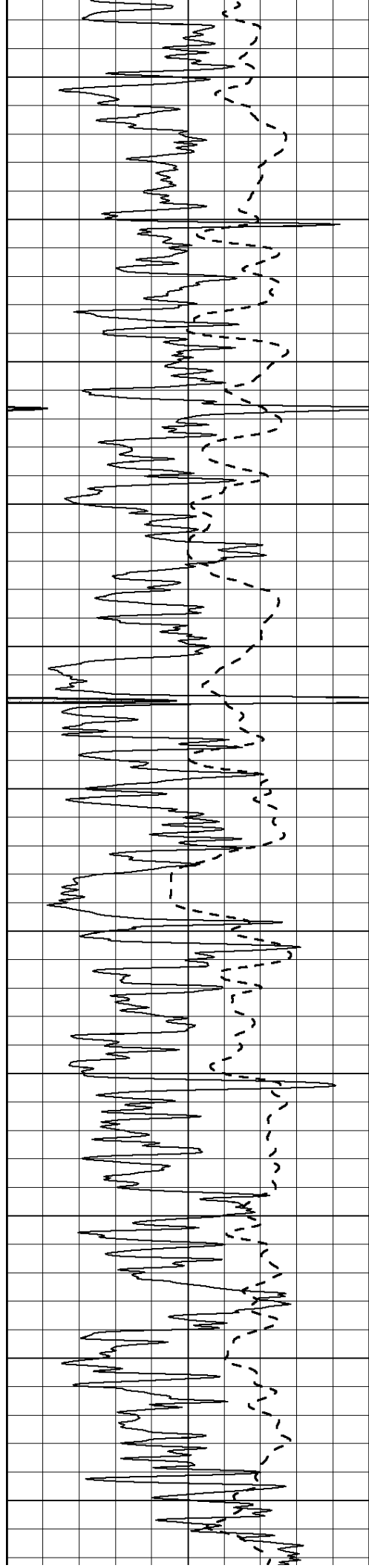
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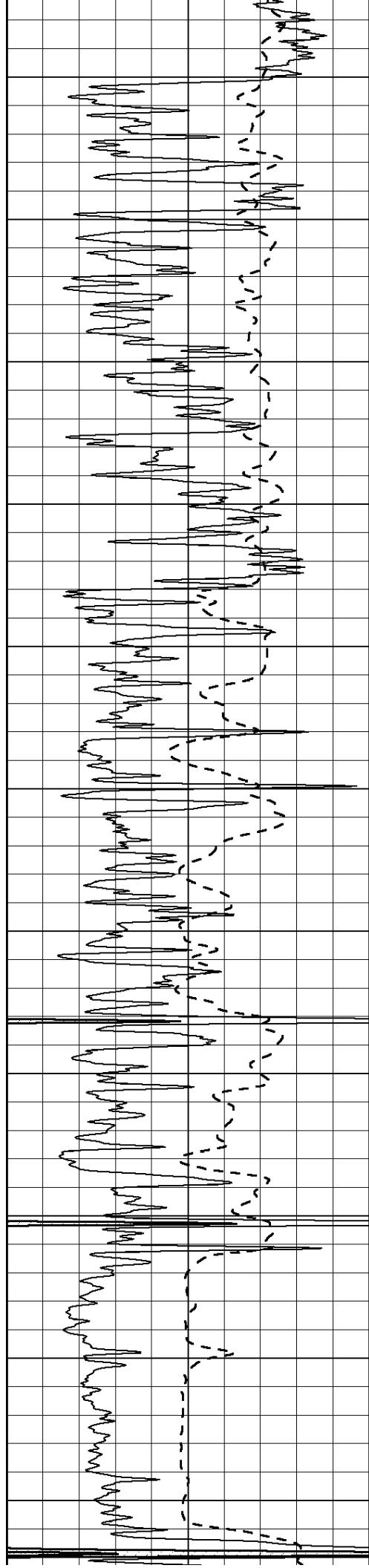
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2600

2650







3250

3300

3350

3400

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3500

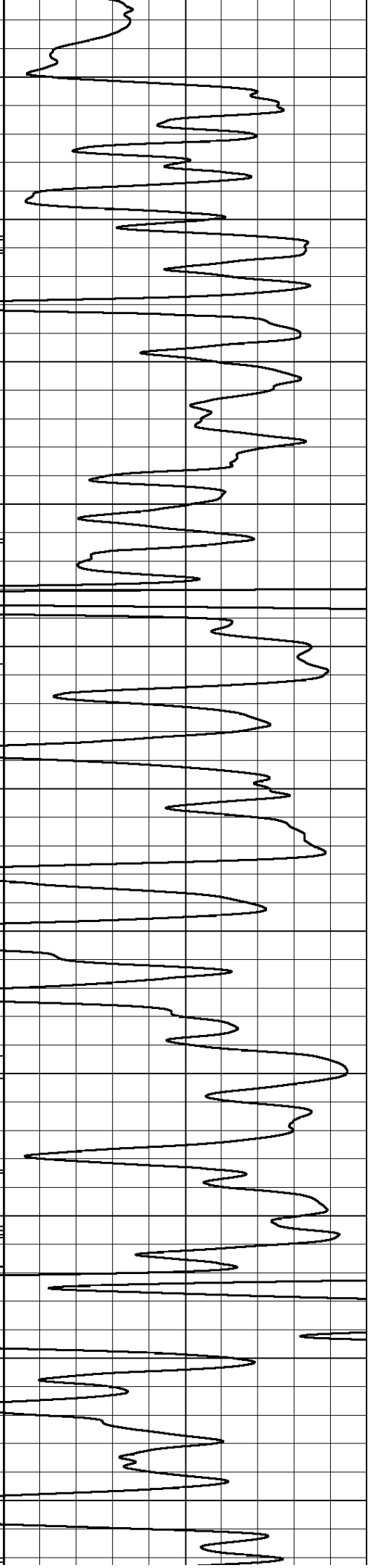
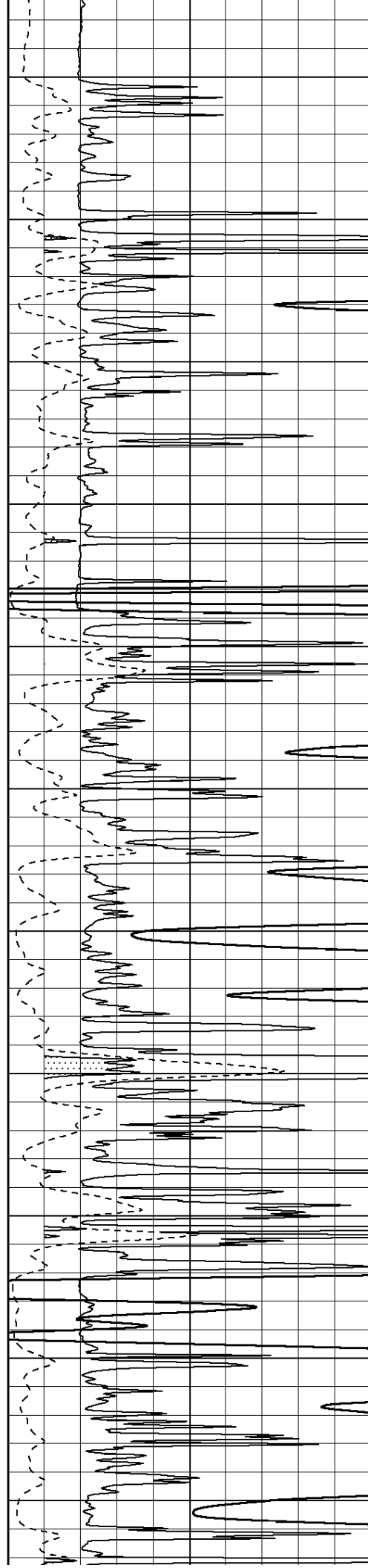
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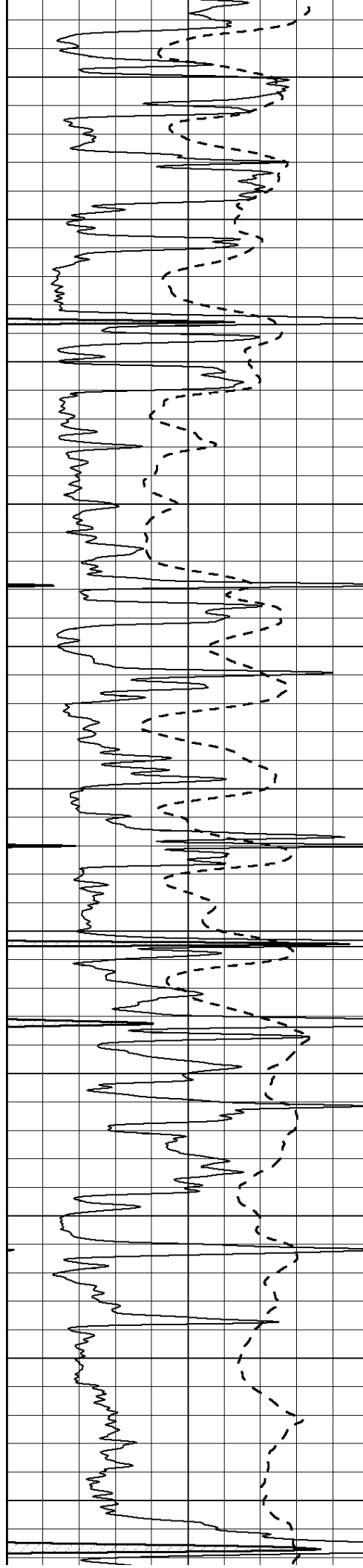
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3800

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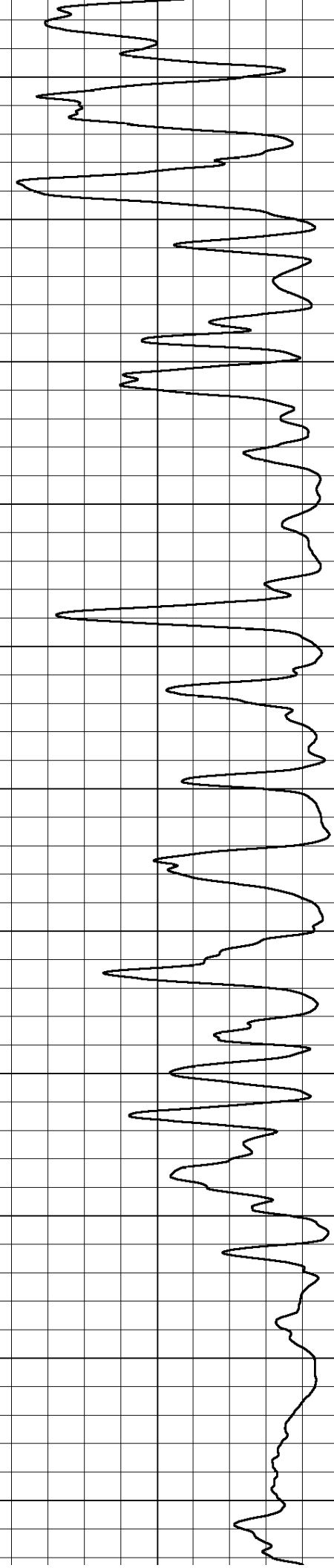
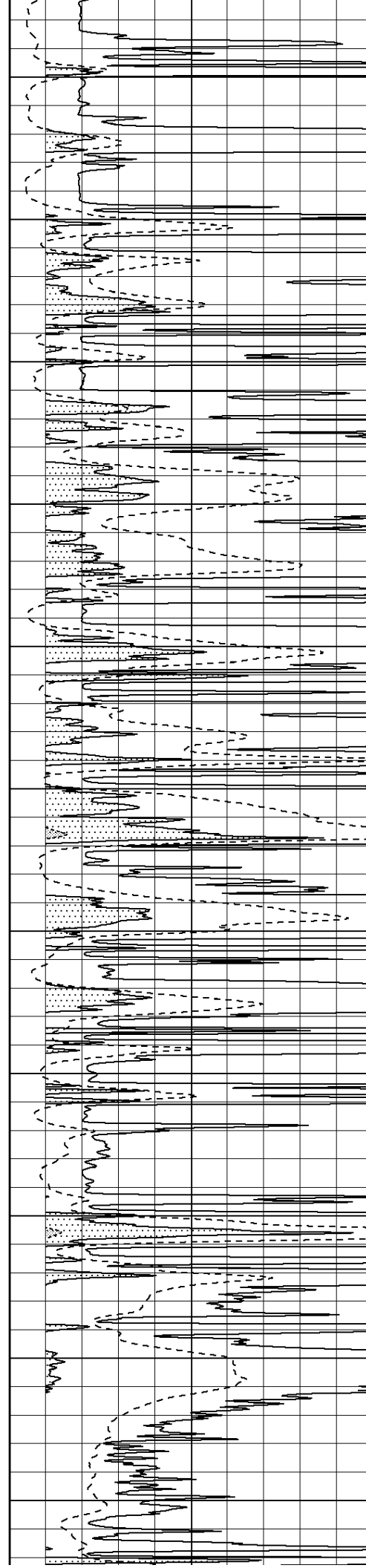
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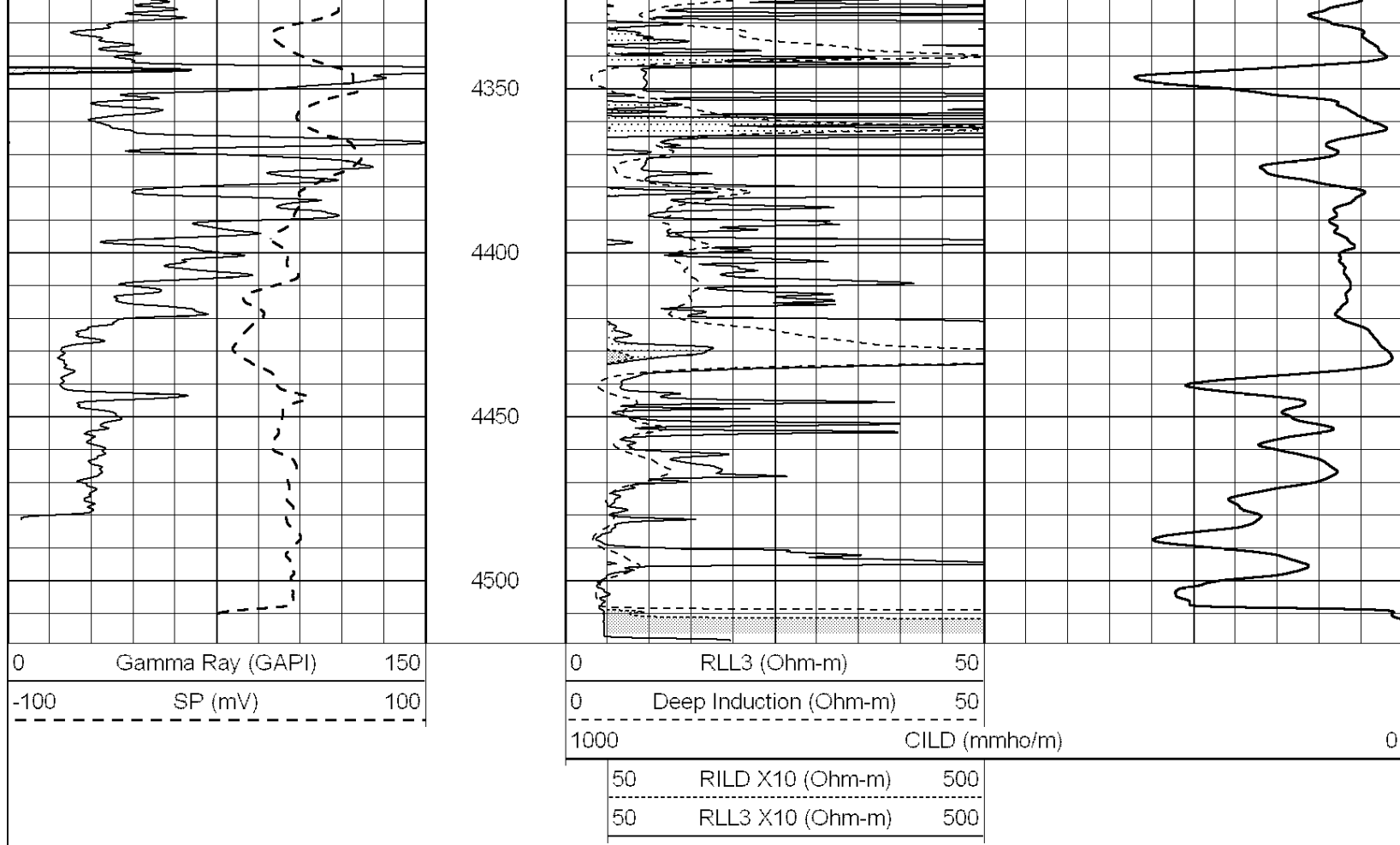
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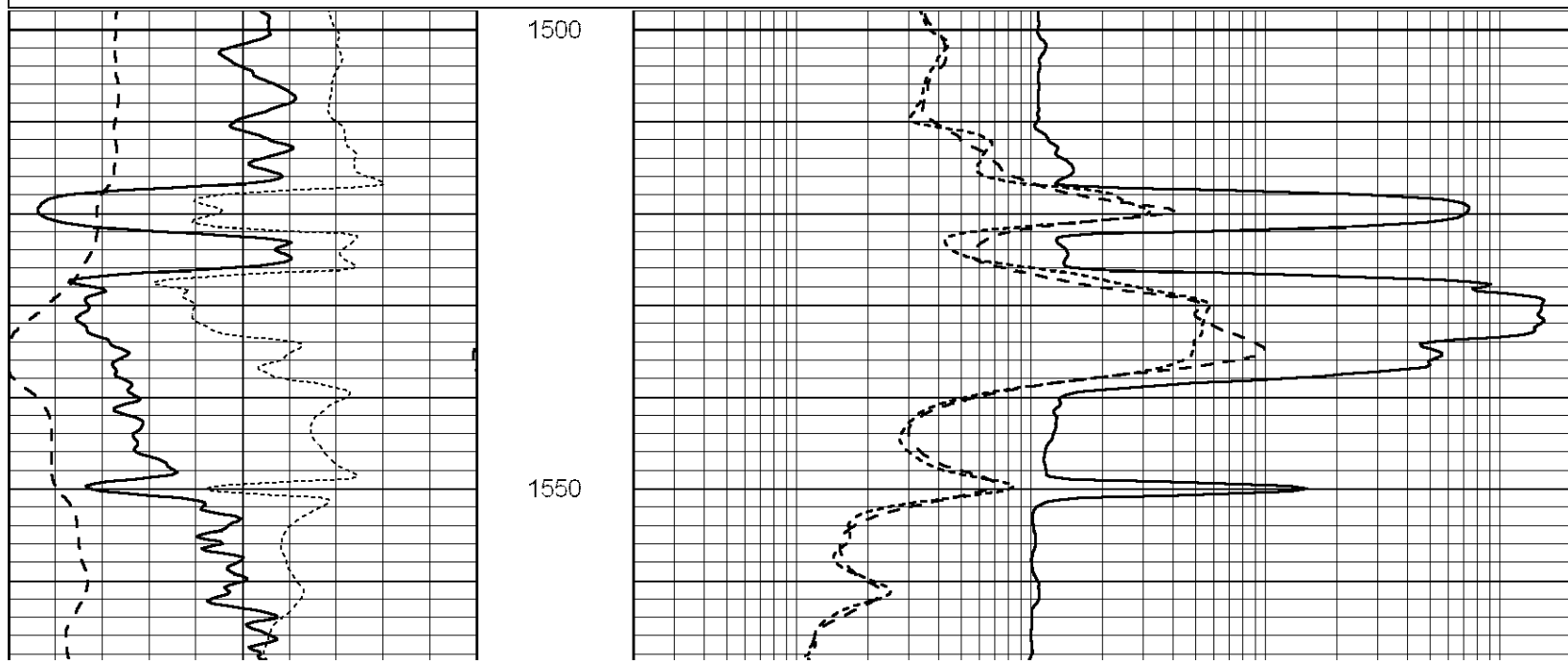
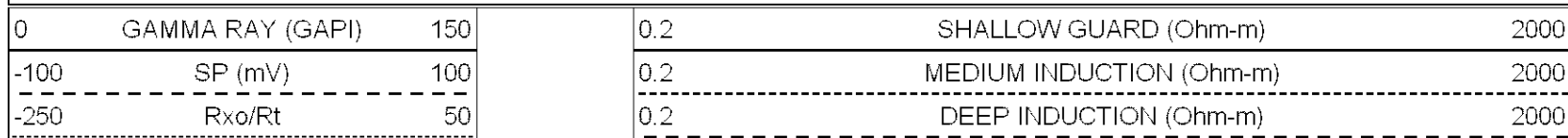
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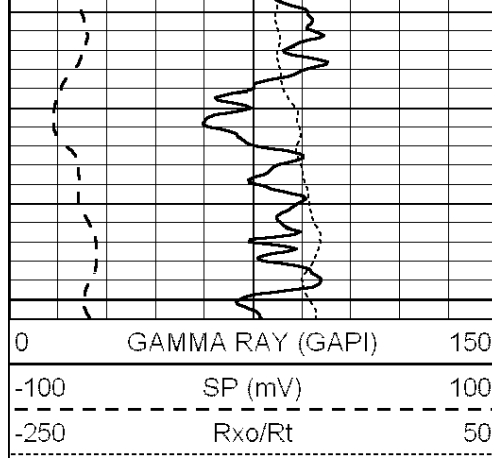
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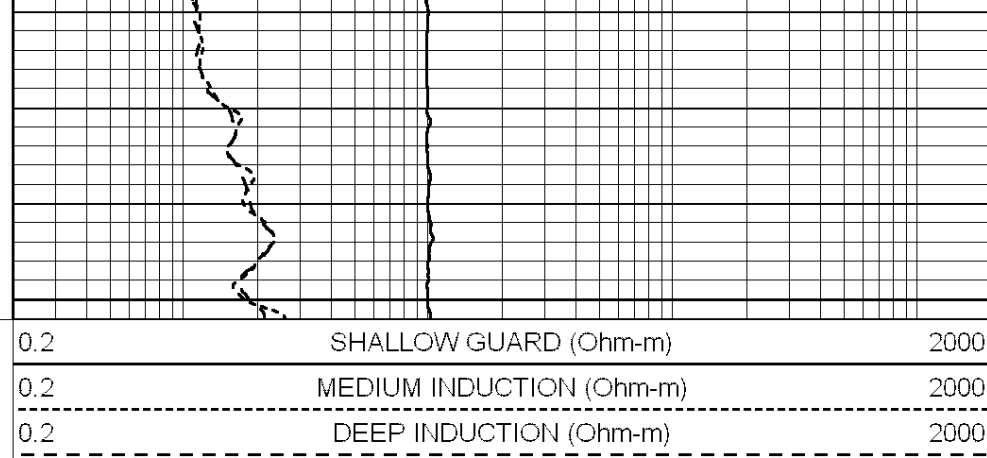


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Charted by: Depth in Feet scaled 1:240

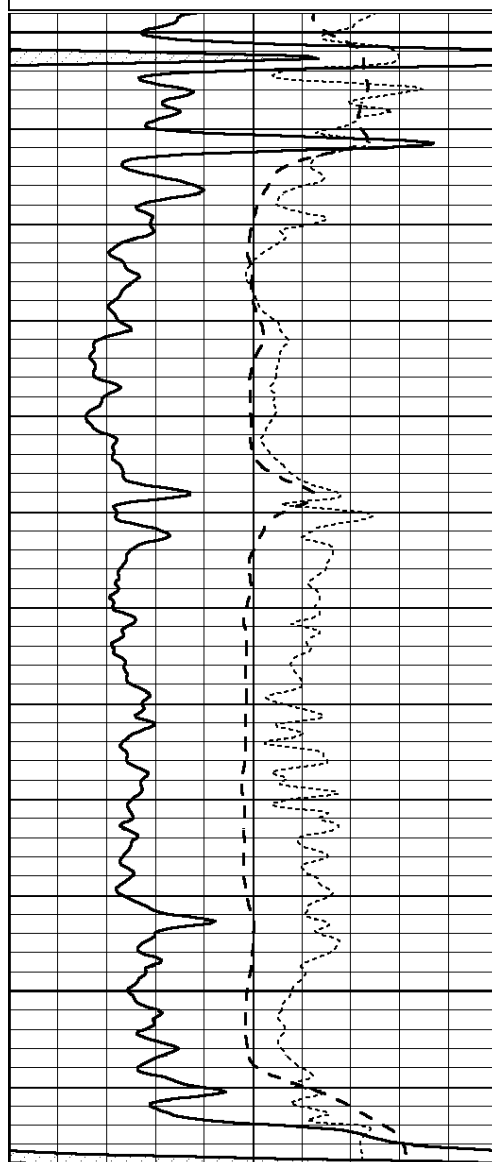
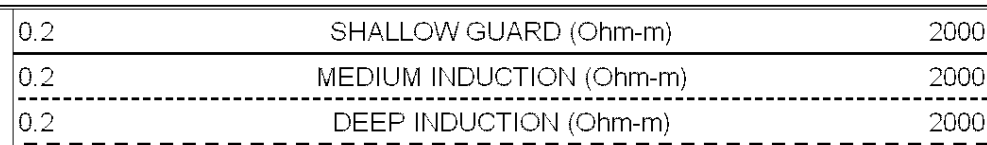
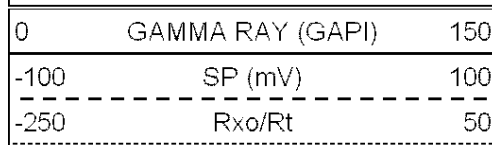




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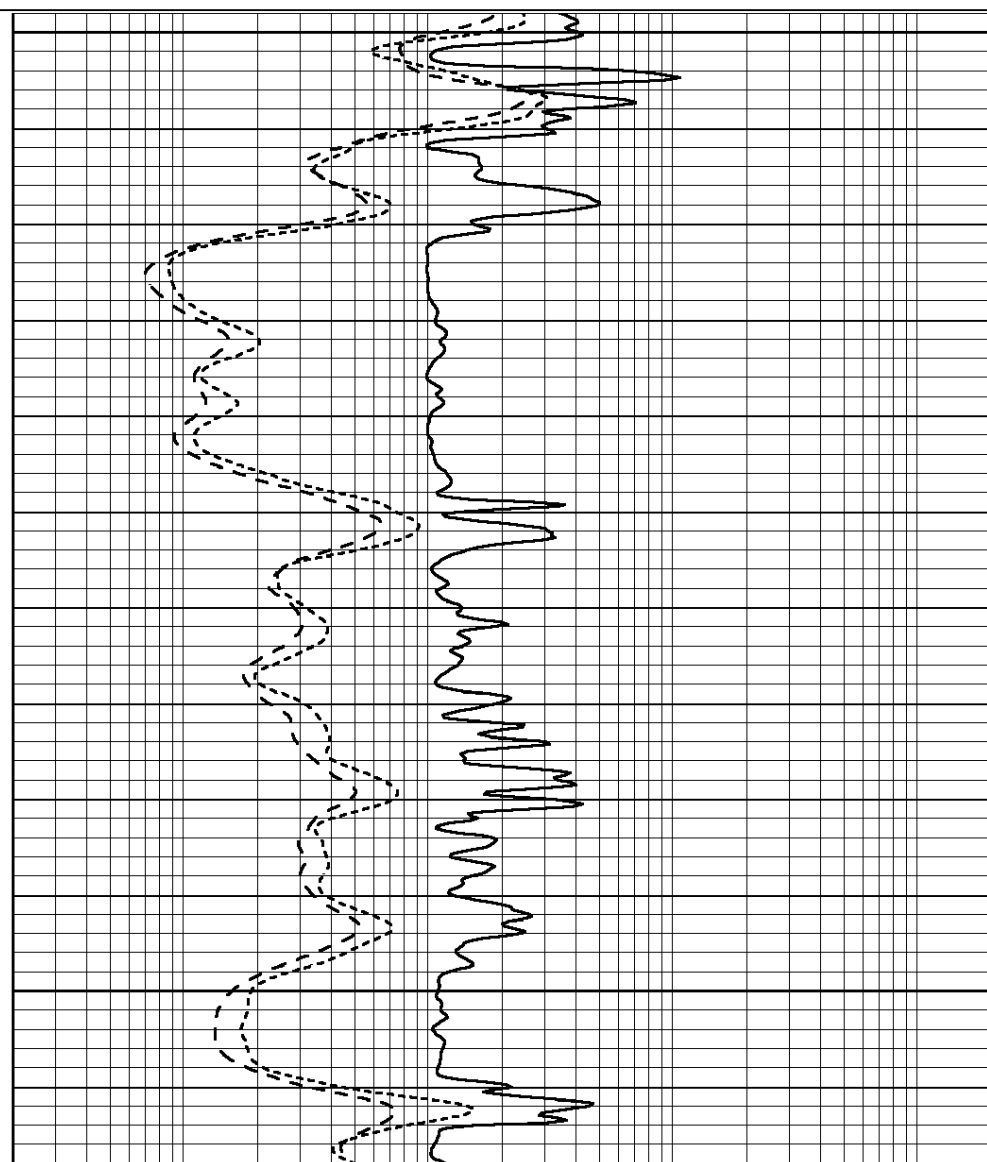
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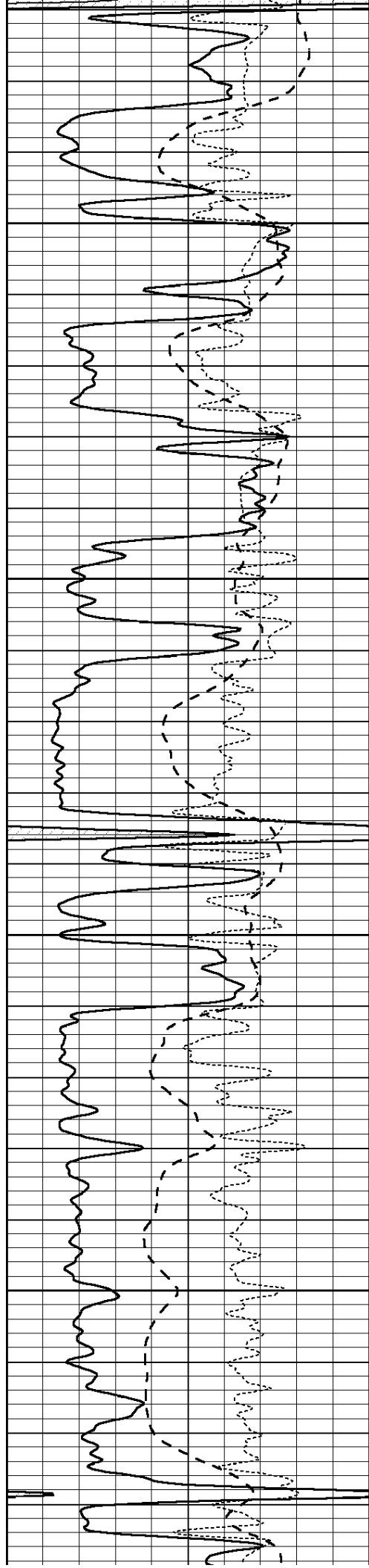


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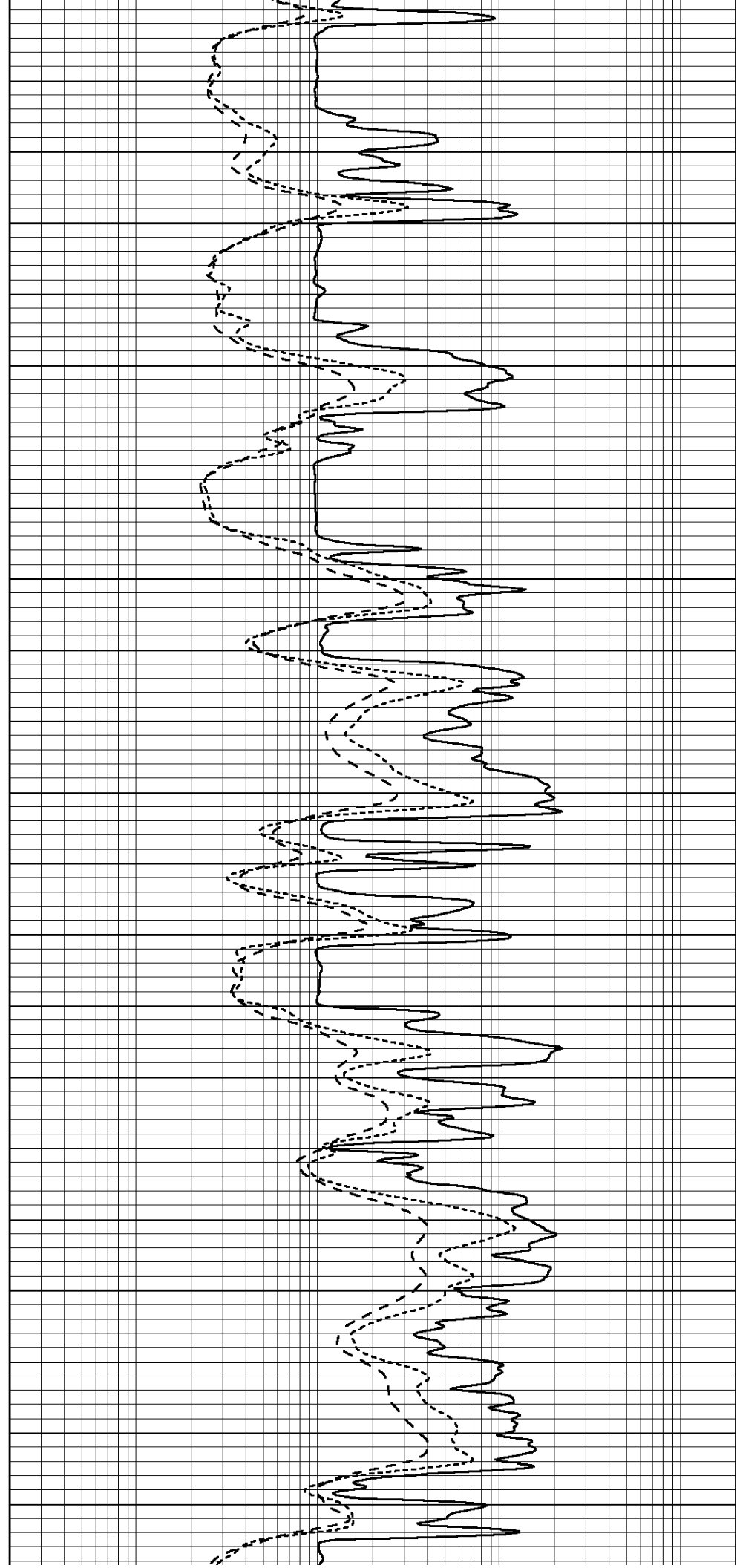


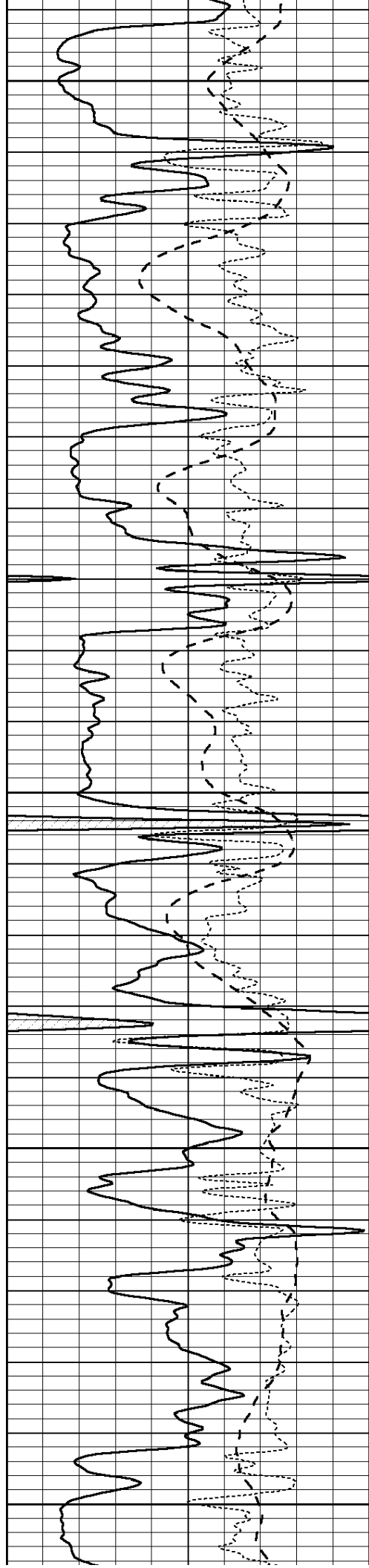
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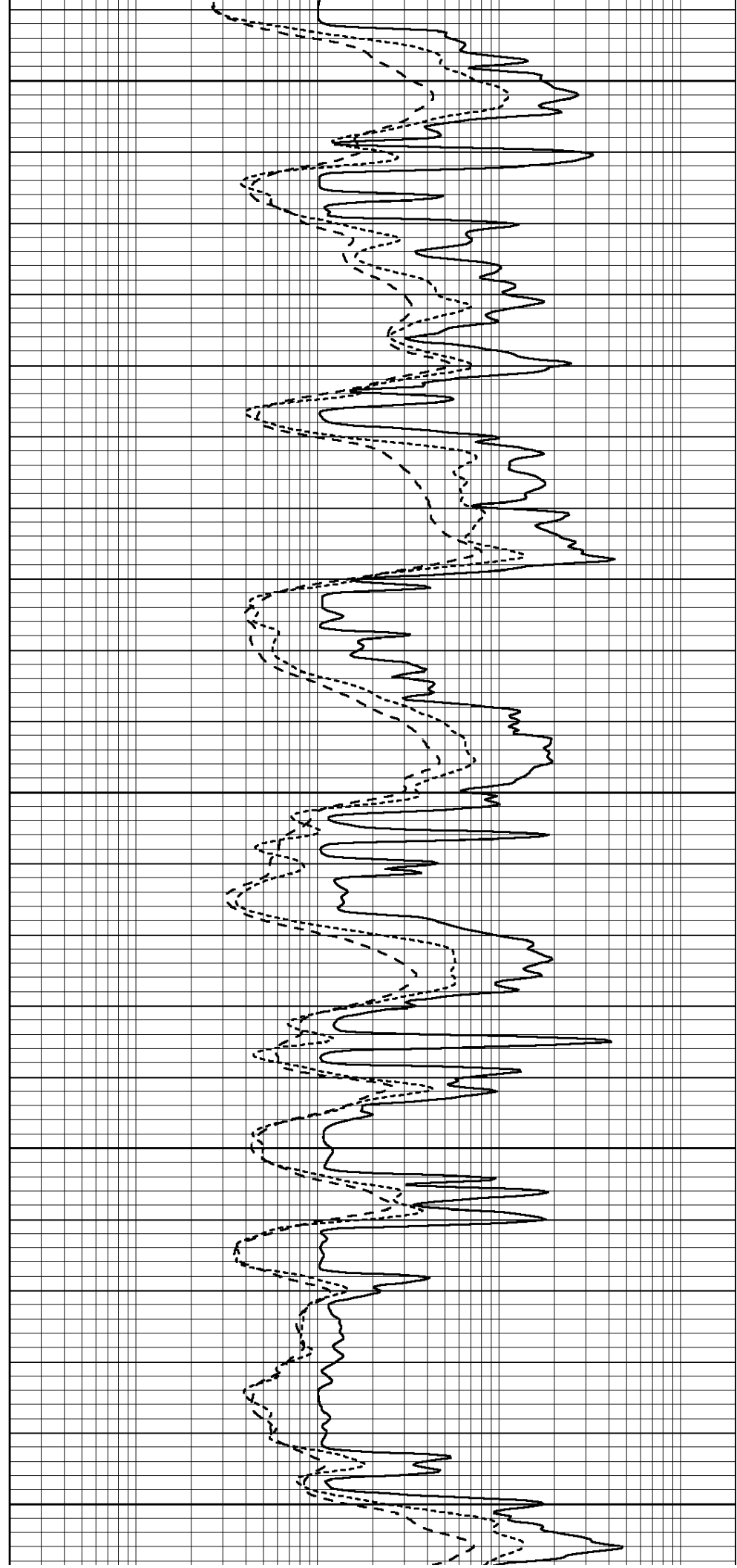
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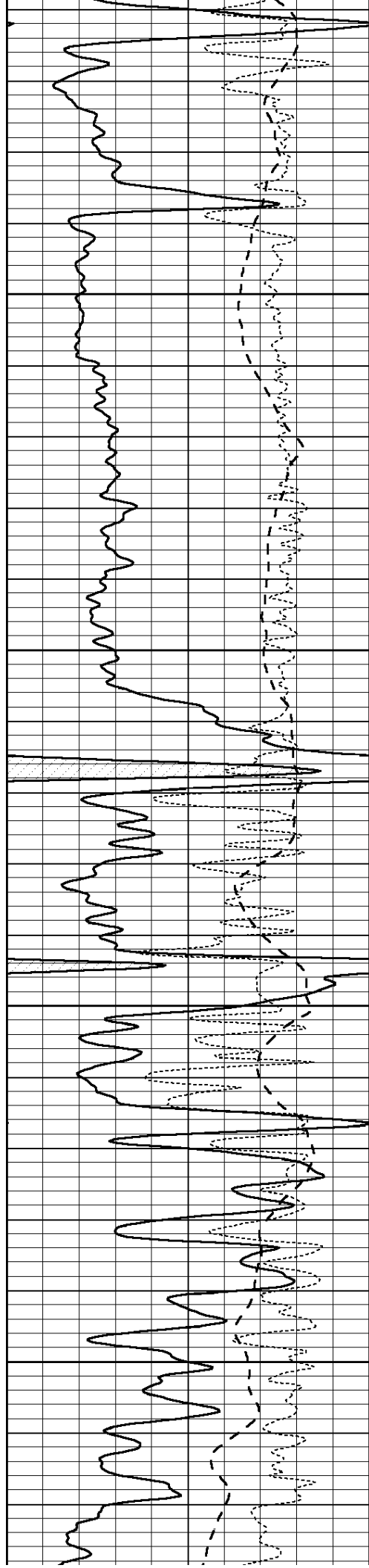
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4150

4200



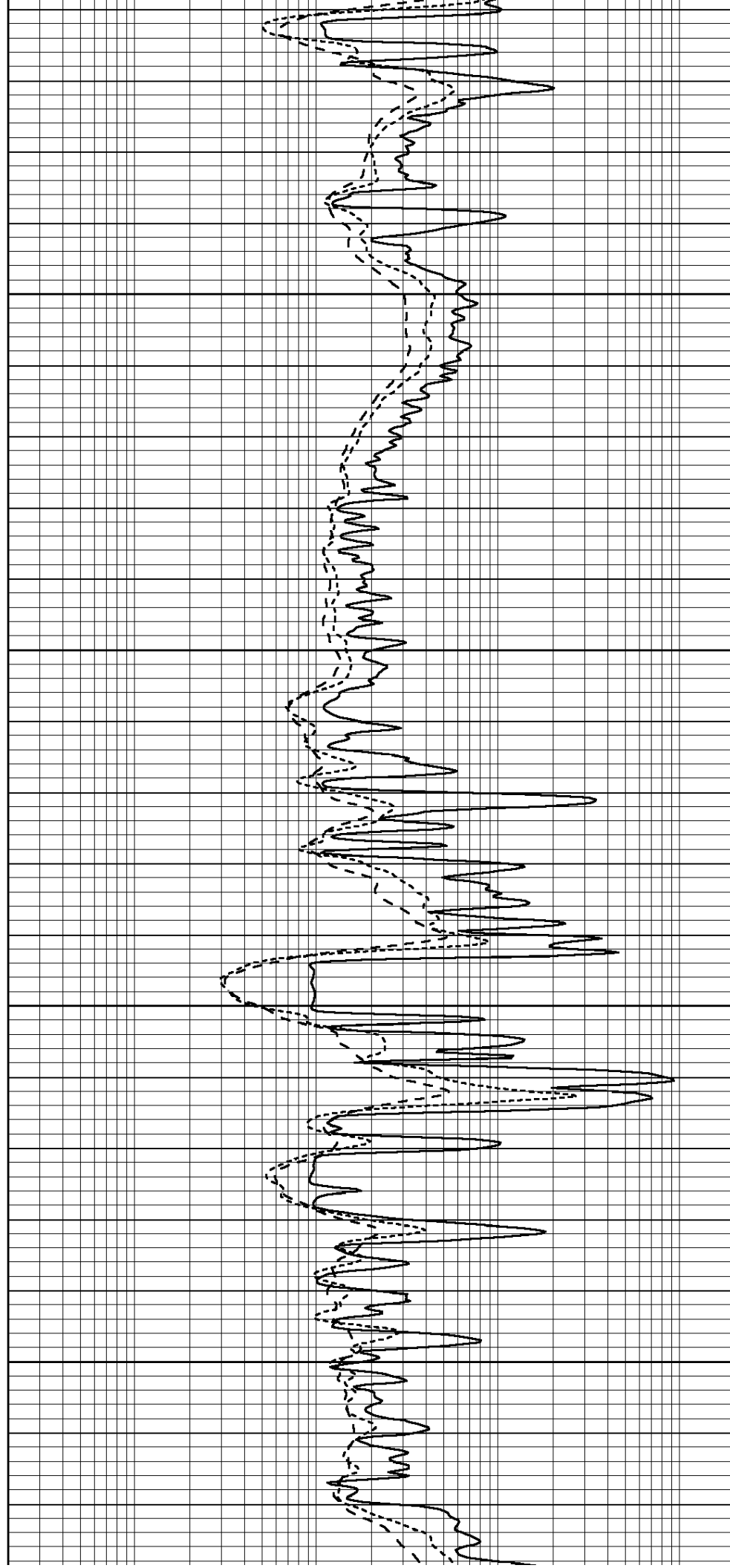


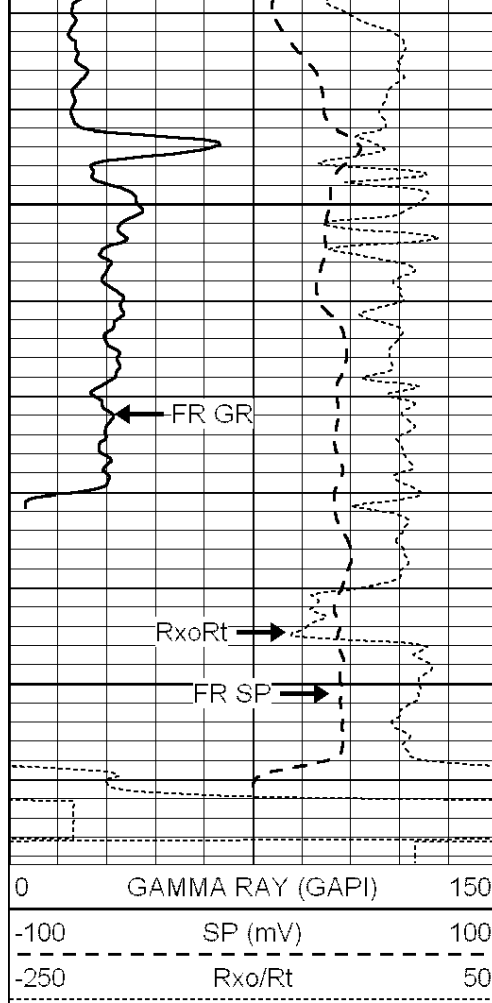
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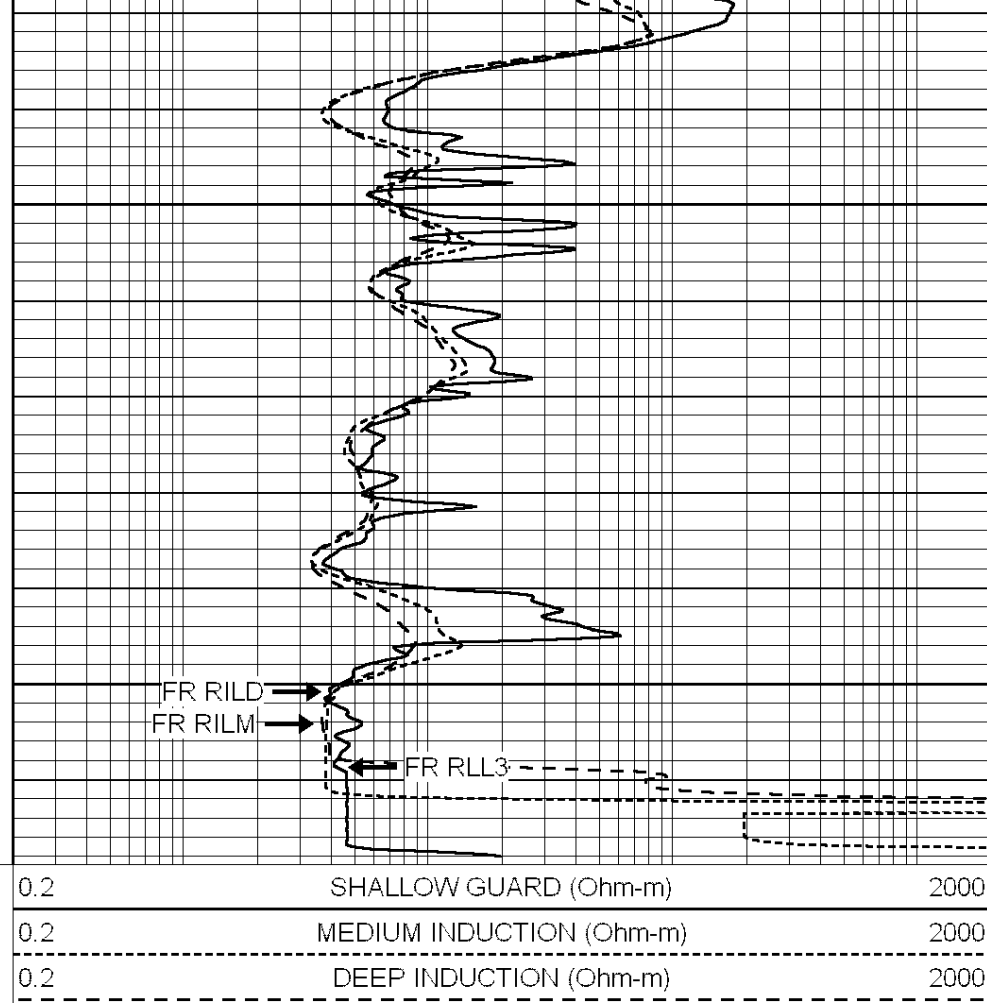




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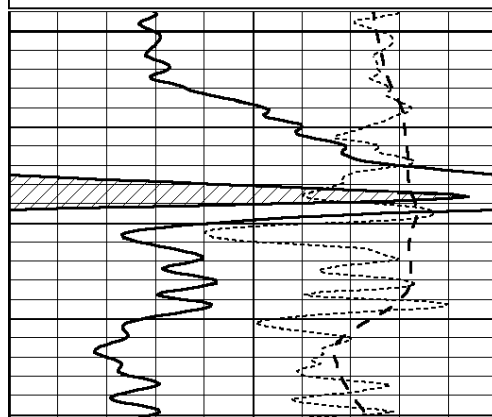
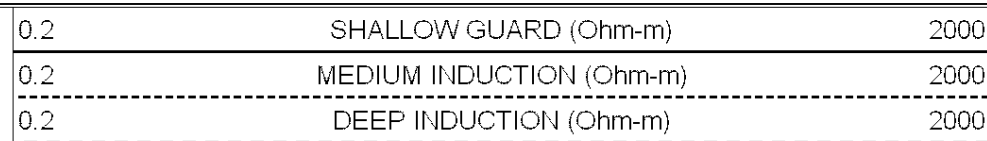
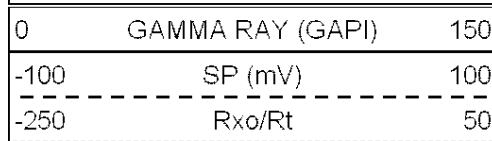
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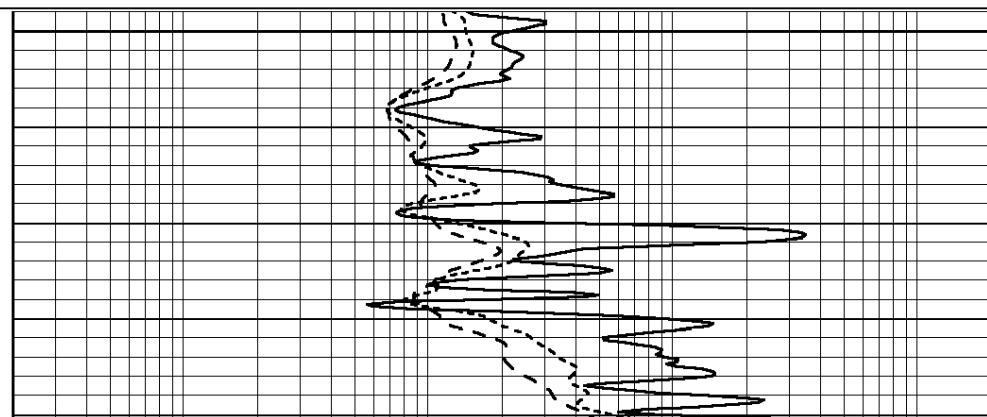


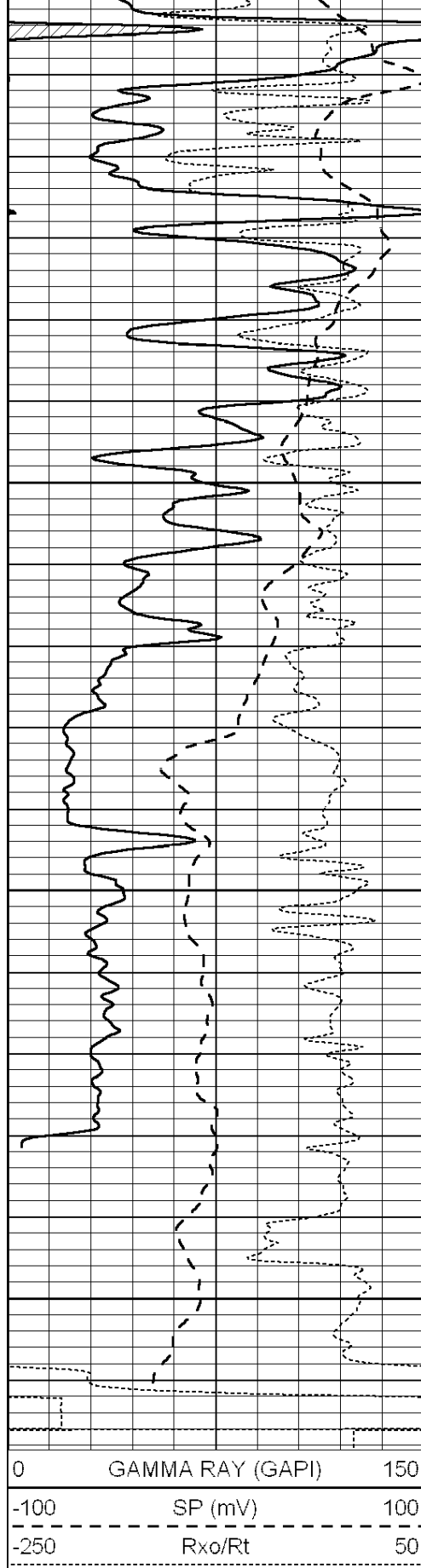
REPEAT SECTION

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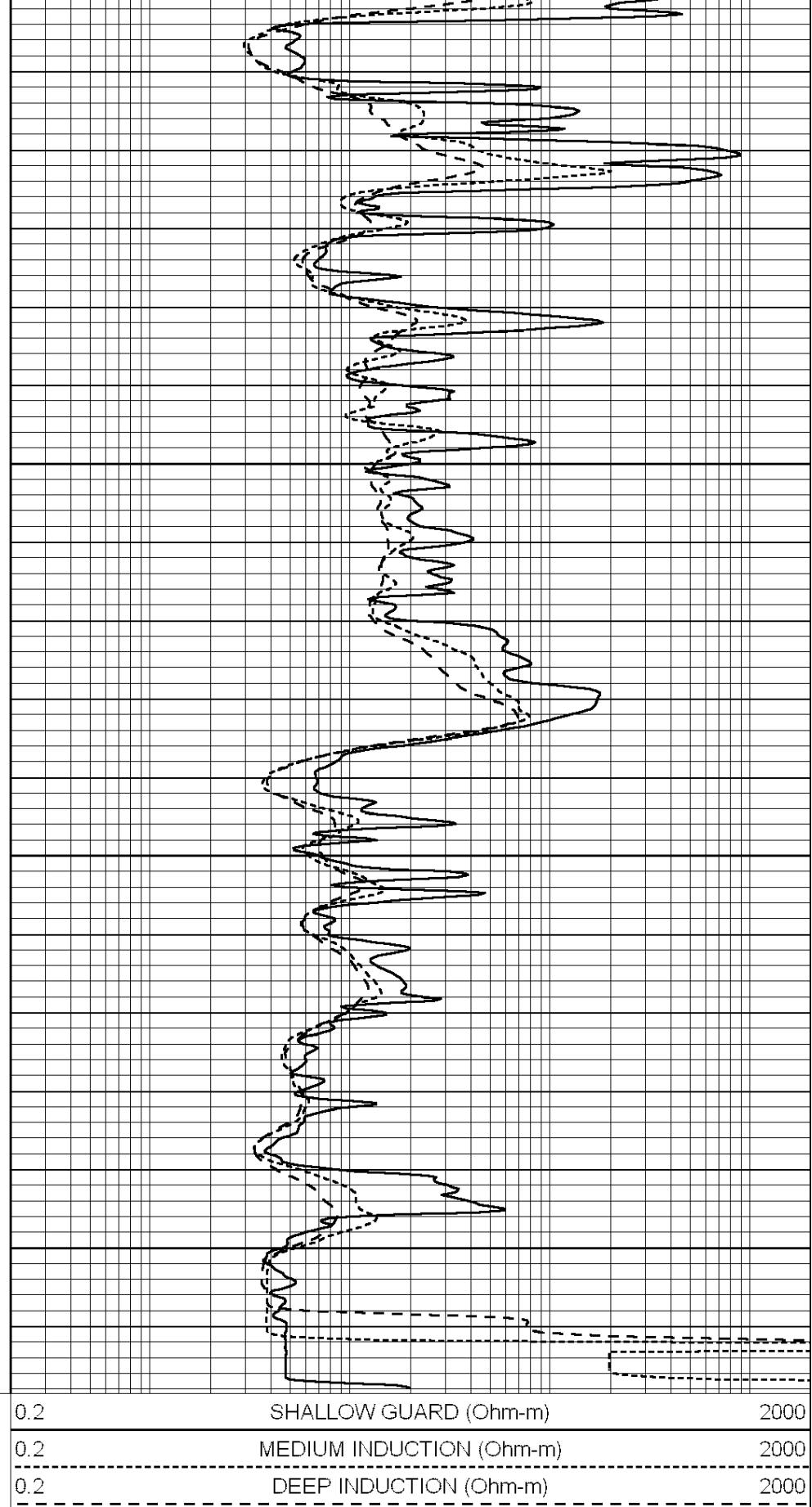


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4500



Calibration Report

Database File: 25808ddn.db
Dataset Pathname: pass3.3
Dataset Creation: Tue Aug 26 13:41:41 2014 by Calc Open-Cased 090629

Dual Induction Calibration Report

Serial-Model: PROBE7-DILG
 Surface Cal Performed: Sat Aug 02 01:54:49 2014
 Downhole Cal Performed: Sat Jan 19 19:51:38 2013
 After Survey Verification Performed: Sat Jan 19 19:51:38 2013

Surface Calibration

Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.793	0.790	V	0.000	400.000	mmho/m	550.000	14.000
Medium	0.992	1.002	V	0.000	464.000	mmho/m	580.000	-32.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.041	0.642	V	0.000	400.000	mmho/m	664.874	-27.011
Medium	0.035	0.802	V	0.000	464.000	mmho/m	604.936	-21.367

Downhole Calibration

Readings				References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	135384.000	27094.500	mmho/m	135400.000	27082.400	mmho/m	1.000	-19.259
Medium	-47330.100	-9381.740	mmho/m	-47327.100	-9389.280	mmho/m	1.000	-10.154
LL3		7.322	V		1400.000	Ohm-m		
		0.038	V		20.000	Ohm-m		
		-7.273	V		4000.000	mmho-m		

After Survey Verification

Readings				Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	135384.000	27094.500	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	-47330.100	-9381.740	mmho/m	1.000	0.000
LL3		0.000	Ohm-m		1400.000	Ohm-m		
		0.000	Ohm-m		20.000	Ohm-m		
		0.000	mmho-m		4000.000	mmho-m		

Compensated Density Calibration Report

Serial-Model: GEAR5-GEARHART
 Source / Verifier: 147 / 147
 Master Calibration Performed: Sat Aug 02 01:49:41 2014

Master Calibration

Density			Far Detector		Near Detector		
Magnesium	1.710	g/cc	943.83		576.01	cps	
Aluminum	2.610	g/cc	212.01		399.19	cps	
Spine Angle = 76.20			Density/Spine Ratio = 0.585				
Size			Reading				
Small Ring	8.40	in	1.64	V			
Large Ring	14.00	in	2.93	V			

Compensated Neutron Calibration Report

Serial Number: 080620
 Tool Model: Probe

PRE-SURVEY VERIFICATION

Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu
POST-SURVEY VERIFICATION			
Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu
Gamma Ray Calibration Report			
Serial Number:	46001		
Tool Model:	Probe1		
Performed:	Sat Aug 02 01:56:52 2014		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	1.0	cps	
Sensitivity:	0.2600	GAPI/cps	