



DUAL
INDUCTION
LOG

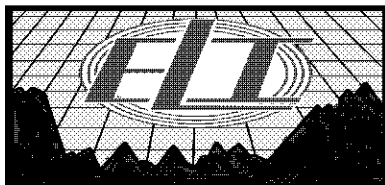
Company		DOWNING-NELSON OIL CO., INC.	
Well	VELMA B #1-14		
Field	COTTON EAST		
County	TREGO	State	KANSAS
Location:		API # : 15-195-23133-0000	Other Services CDL/CNL MEL
1160' FSL & 1410' FEL			
Permanent Datum	SEC 14 TWP 12S RGE 21W	GROUND LEVEL Elevation	2310
Log Measured From	KELLY BUSHING 8' A.G.L		
Drilling Measured From	KELLY BUSHING		
Elevation		K.B. 2318 D.F. 2316 G.L. 2310	
Date	2/12/22		
Run Number	ONE		
Depth Driller	4100		
Depth Logger	4098		
Bottom Logged Interval	4096		
Top Log Interval	00		
Casing Driller	8 5/8" @ 223		
Casing Logger	223		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 3000 PPM	
Density / Viscosity	9.3/56		
pH / Fluid Loss	10.5/8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.8@58F		
Rmf @ Meas. Temp	.6@58F		
Rmc @ Meas. Temp	.96@58F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.4@117F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	////		
Maximum Recorded Temperature	117F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	JASON CAPELLUCCI	TJ DREILING	
Witnessed By	MARC DOWNING		

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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

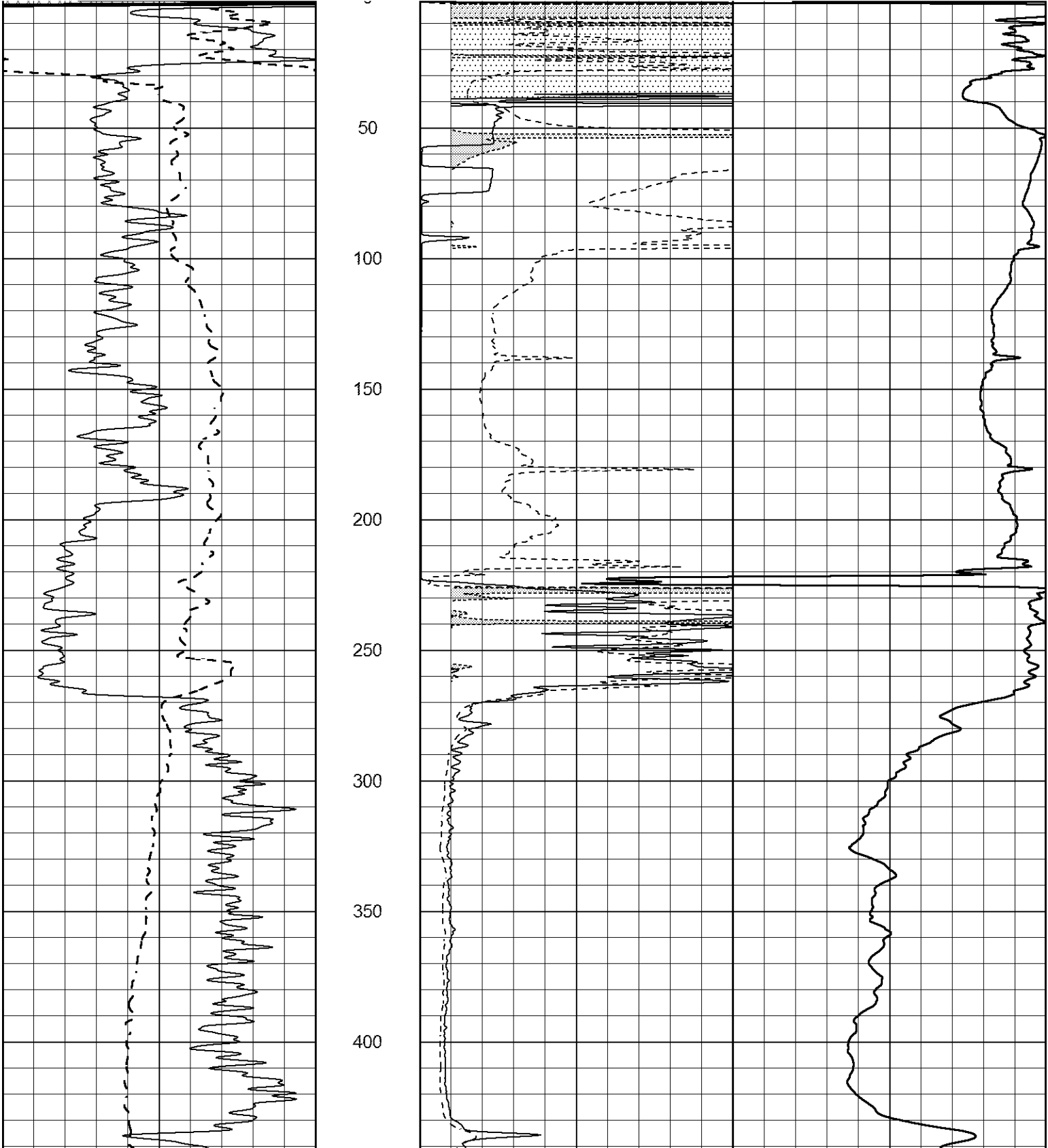
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
FROM ELLIS KANSAS, -NORTH TO LOCUS GROVE RD (FIRST CURVE),
-WEST 3 MILES TO 400 AVE, -NORTH 1 MILE TO RD "J"
WEST 1/4 MILE, -NORTH INTO

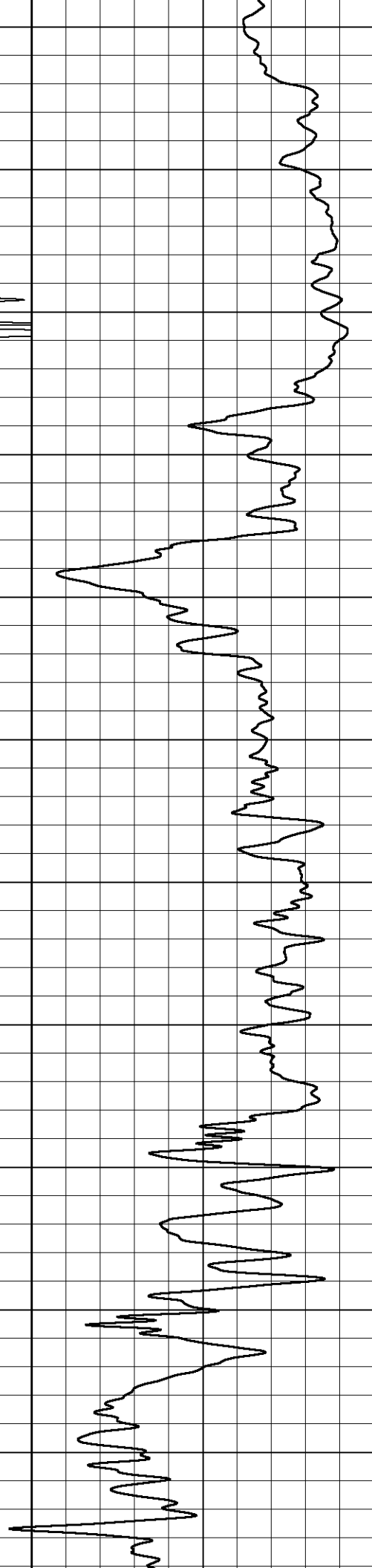
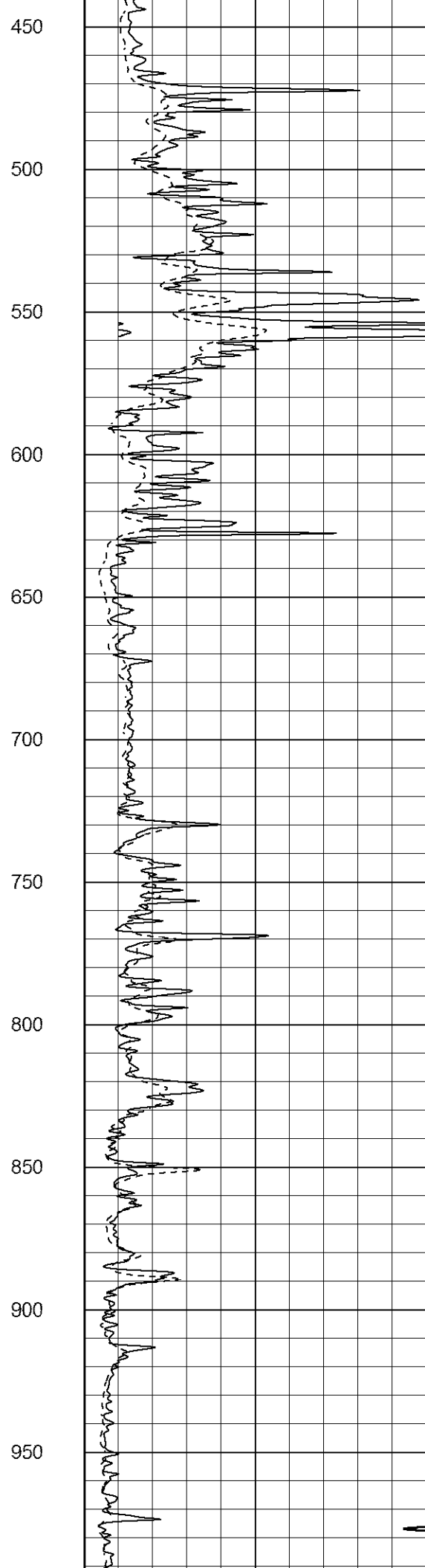
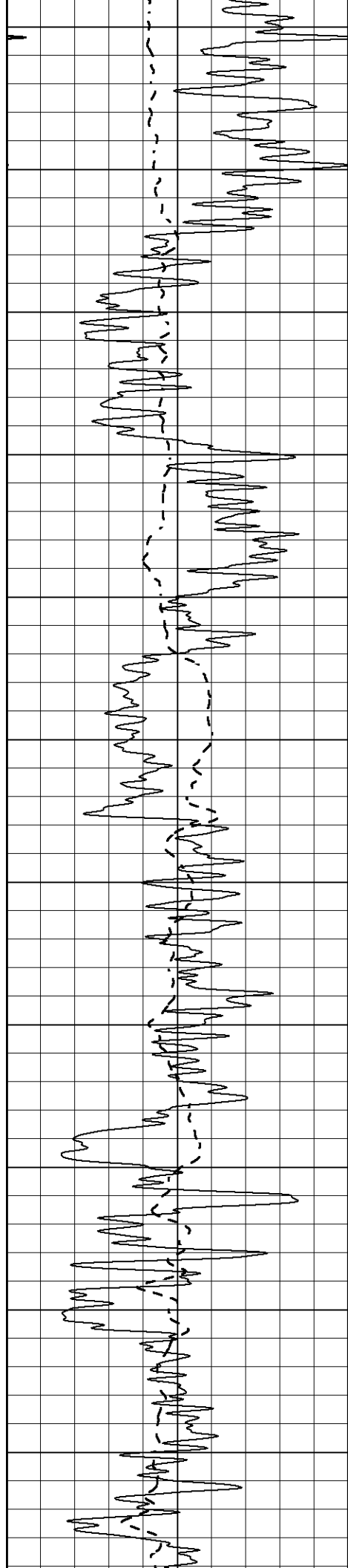


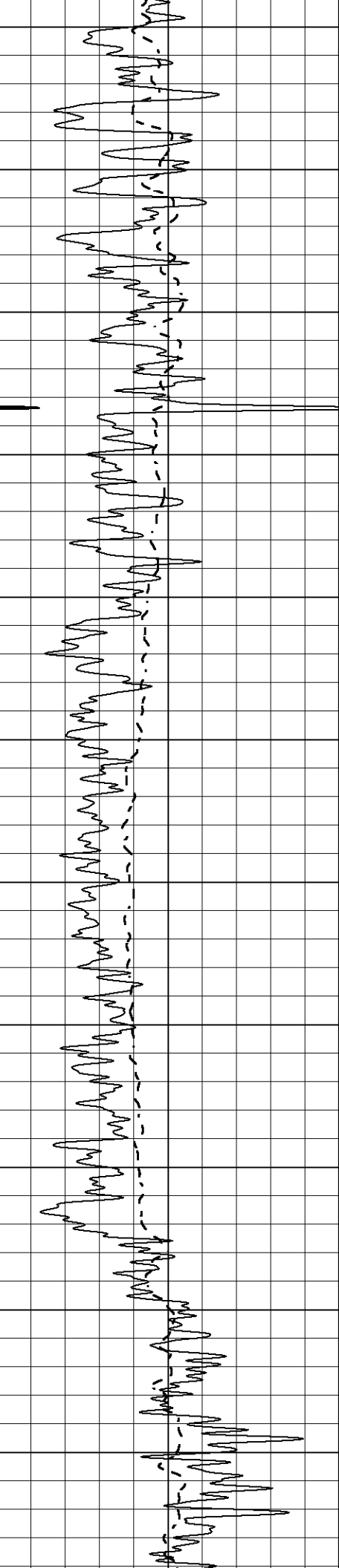
MAIN SECTION

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Presentation Format	_dil2
Dataset Creation	Sat Feb 12 11:20:17 2022
Charted by	Depth in Feet scaled 1:600

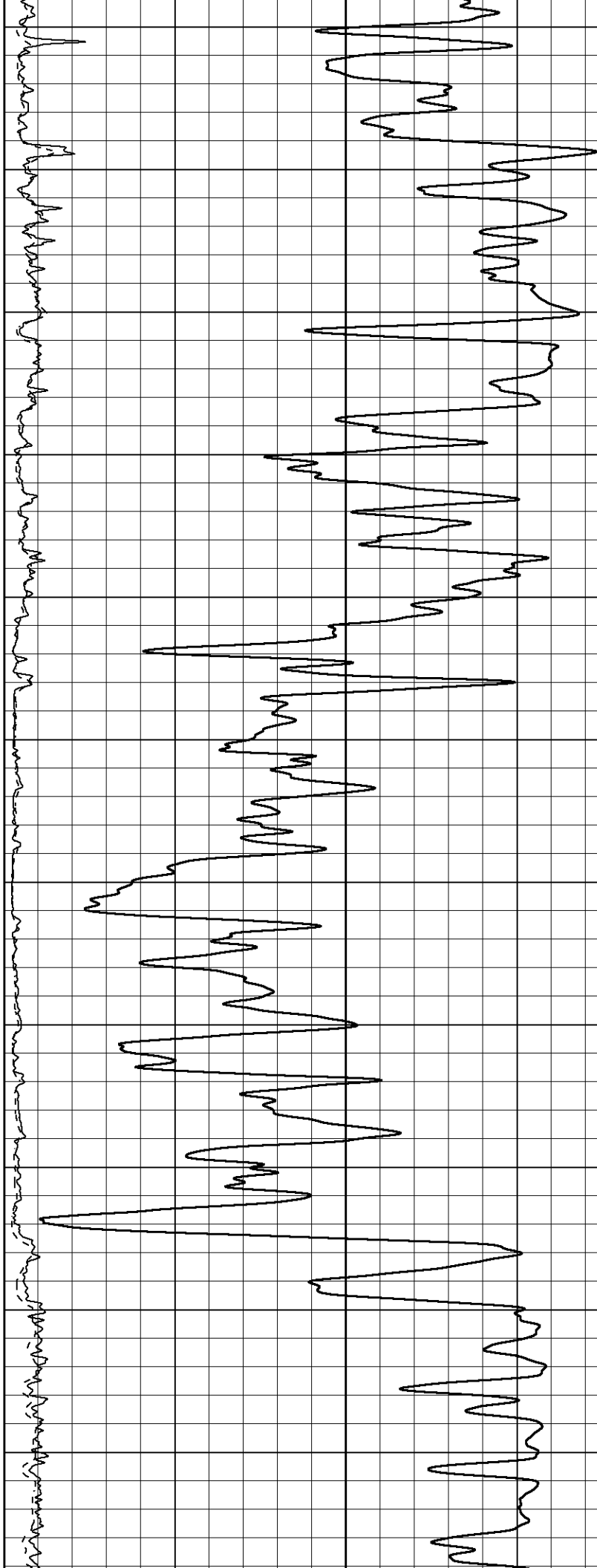
0	Gamma Ray (GAPI)	150	1000	CILD (mmho/m)	0
-100	SP (mV)	100	0	RLL3 (Ohm-m)	50
-----			0	Deep Induction (Ohm-m)	50
			50	RILD X10 (Ohm-m)	500
			50	RLL3 X10 (Ohm-m)	500







1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
1500



1550

1600

1650

1700

1750

1800

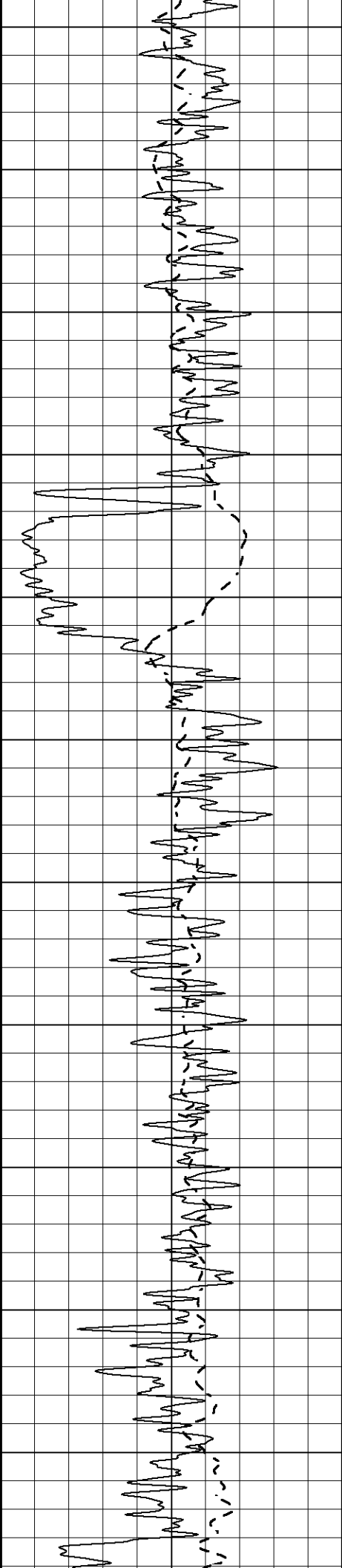
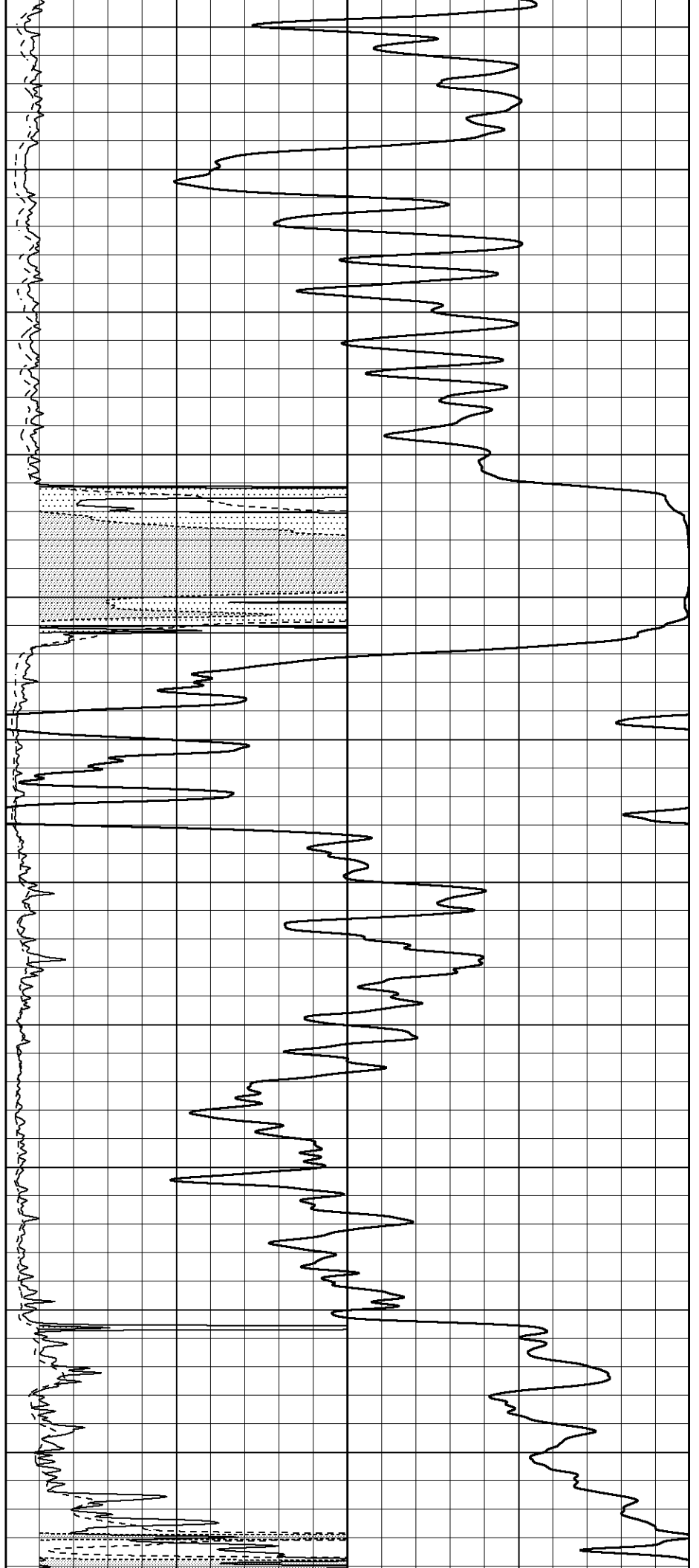
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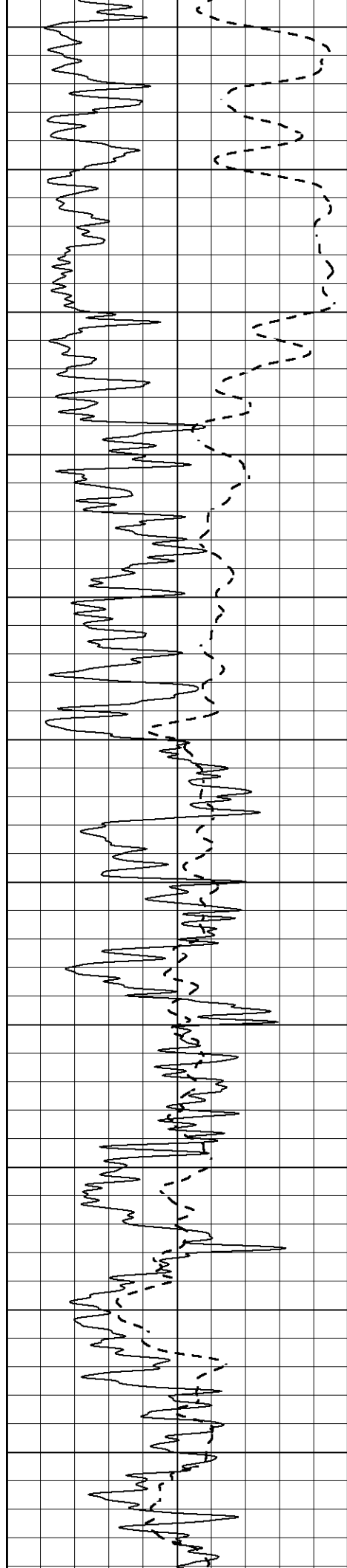
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1950

2000

2050





2100

2150

2200

2250

2300

2350

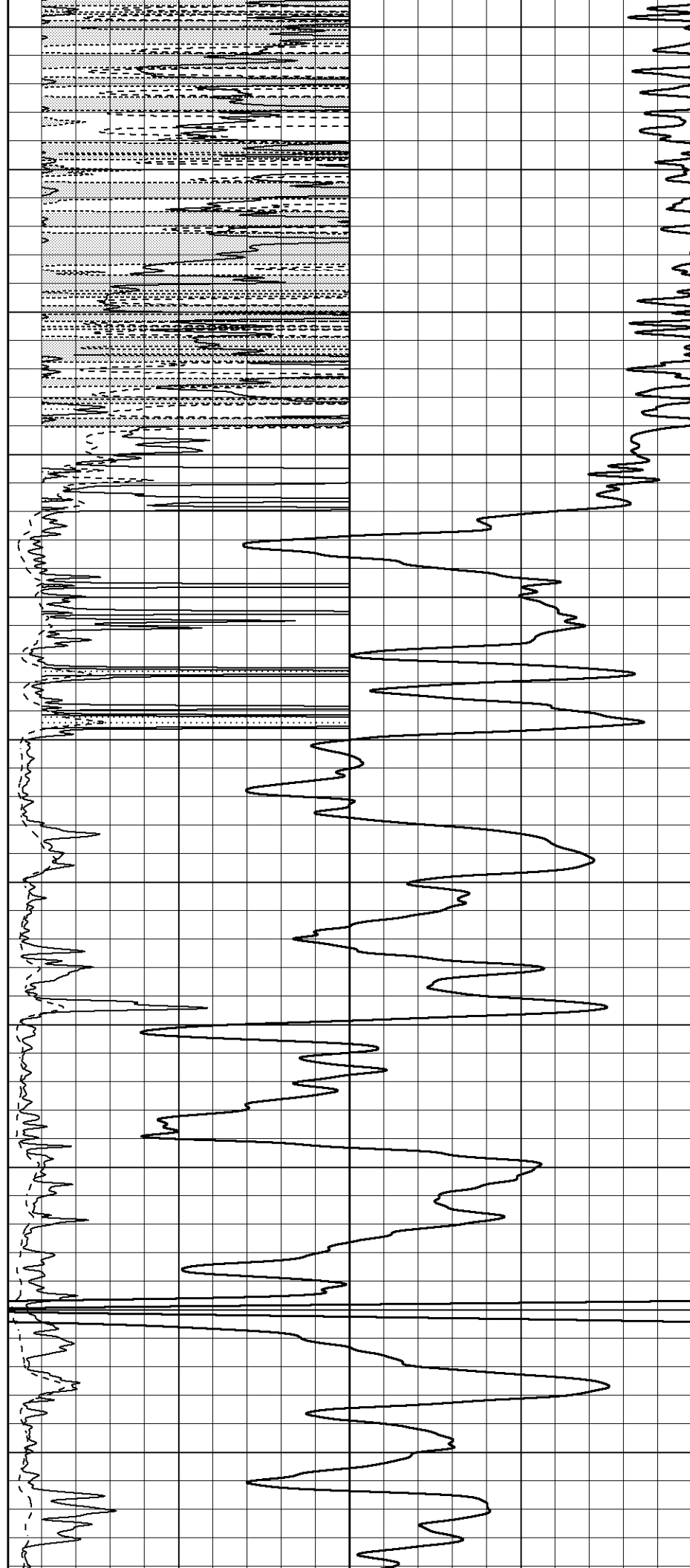
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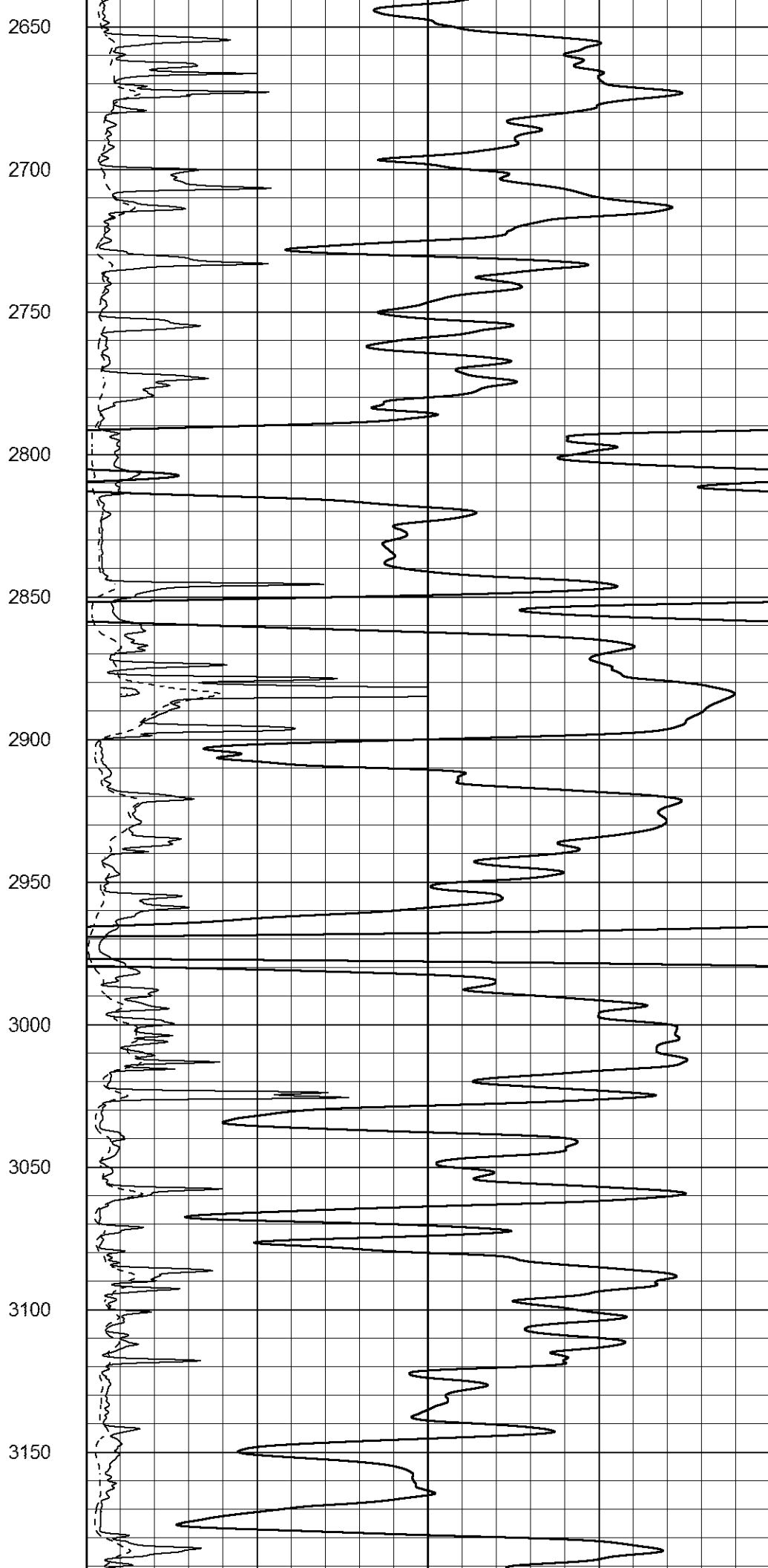
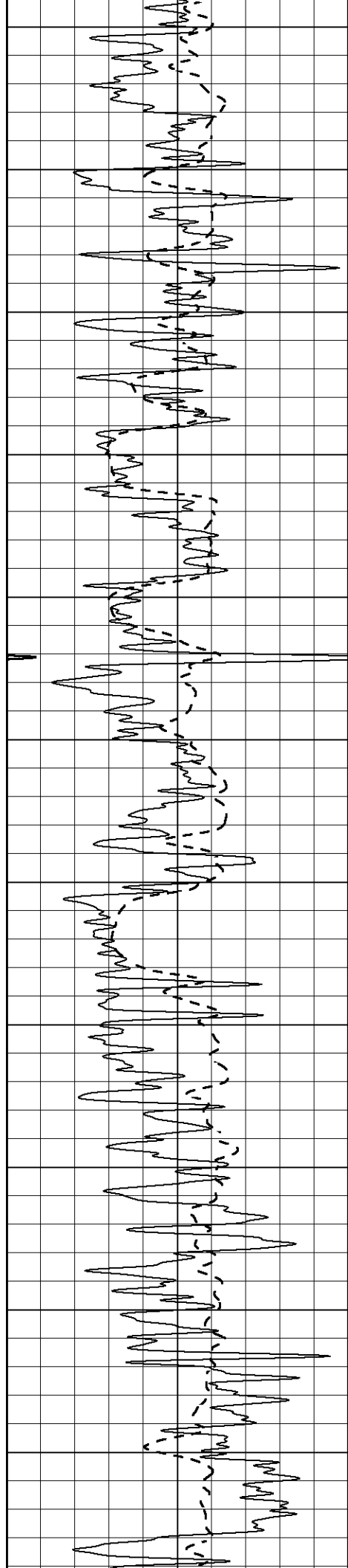
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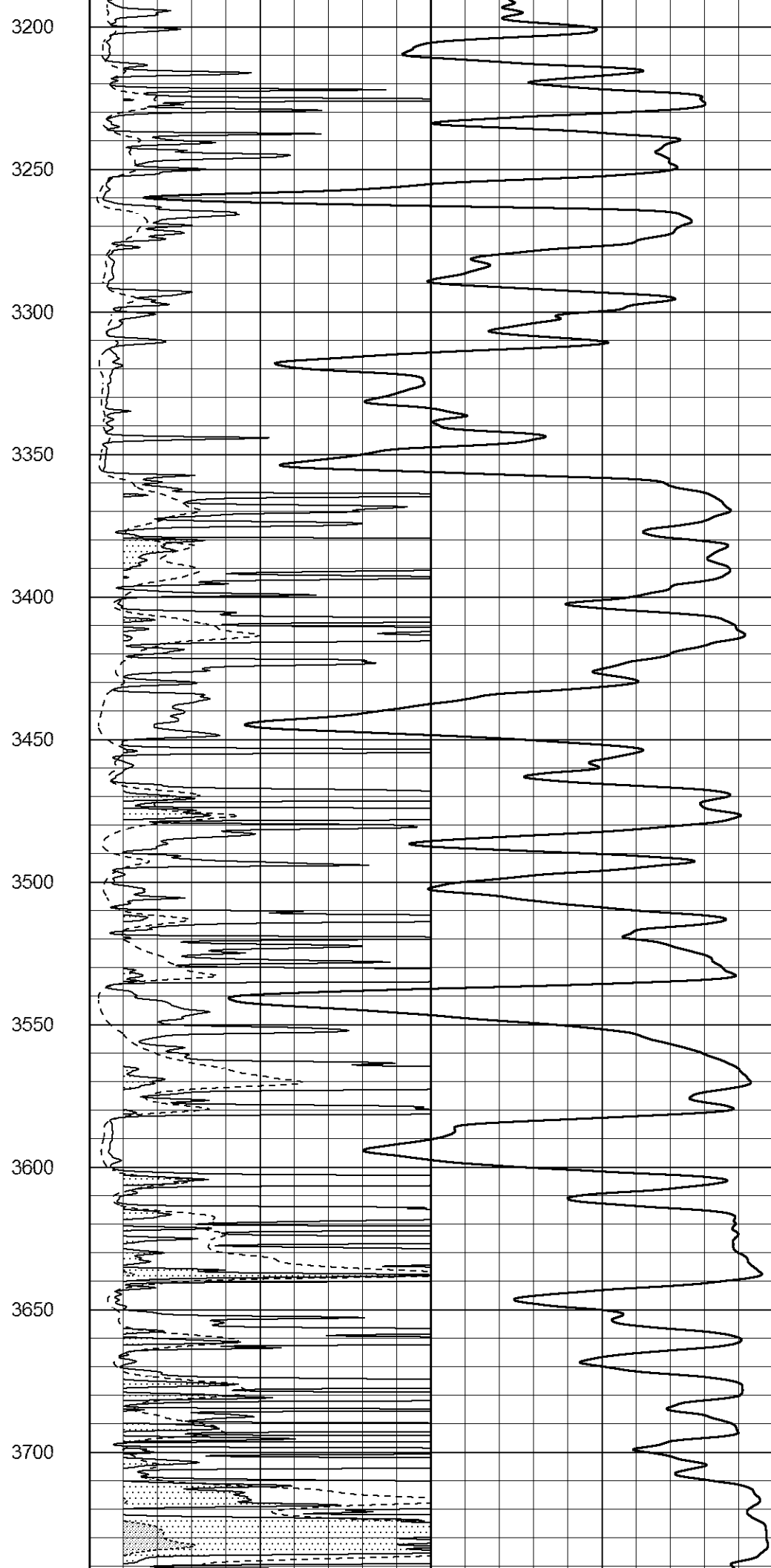
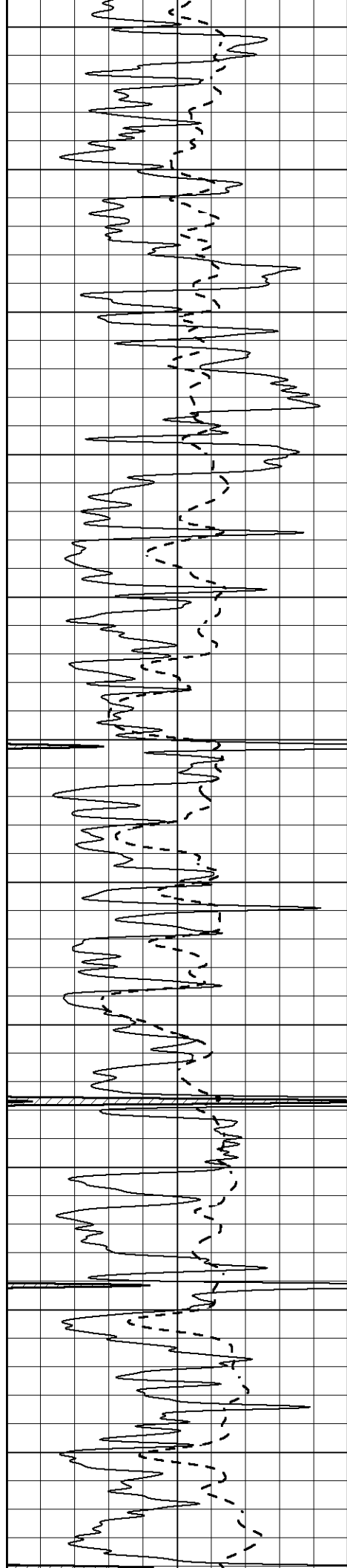
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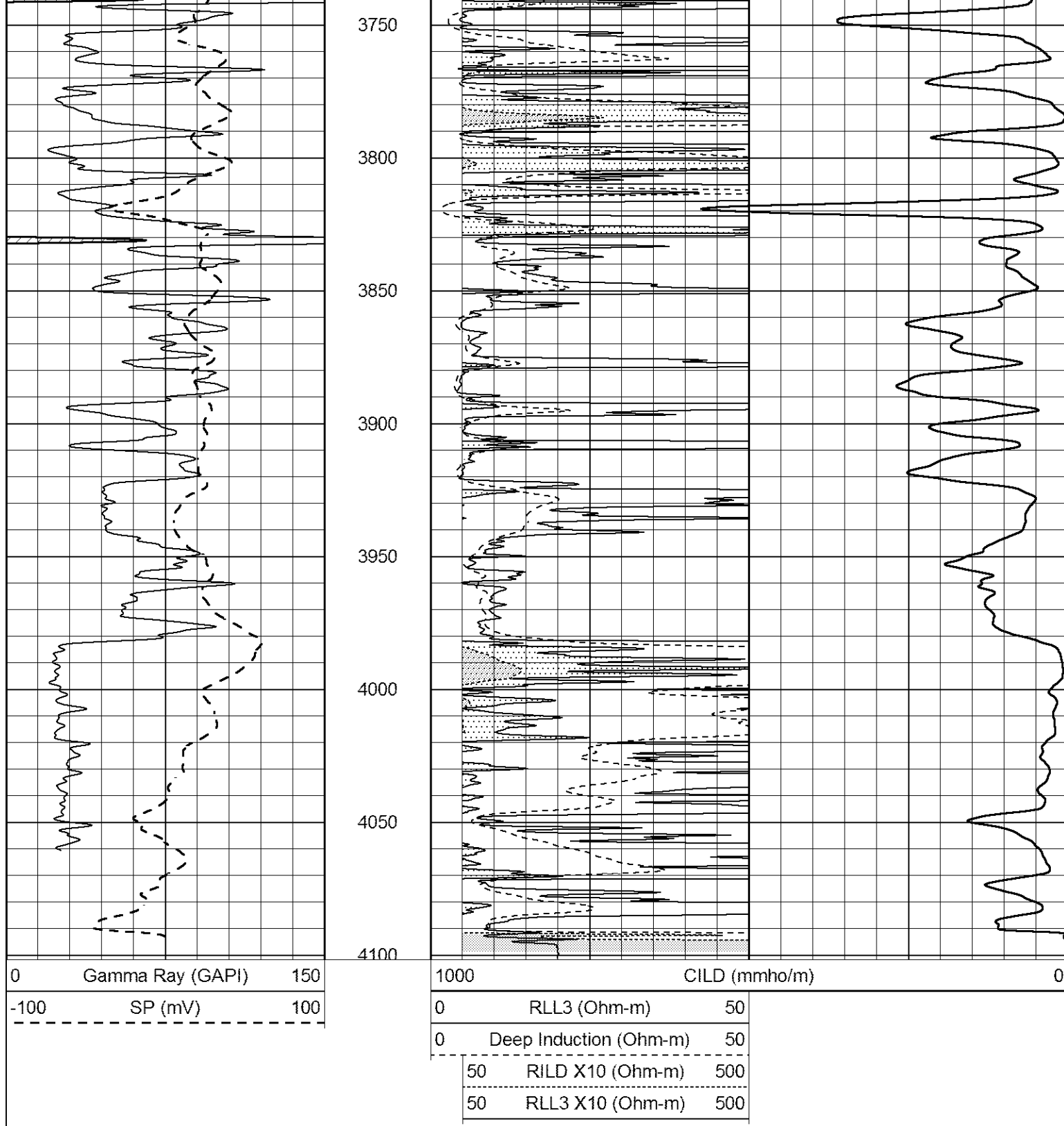
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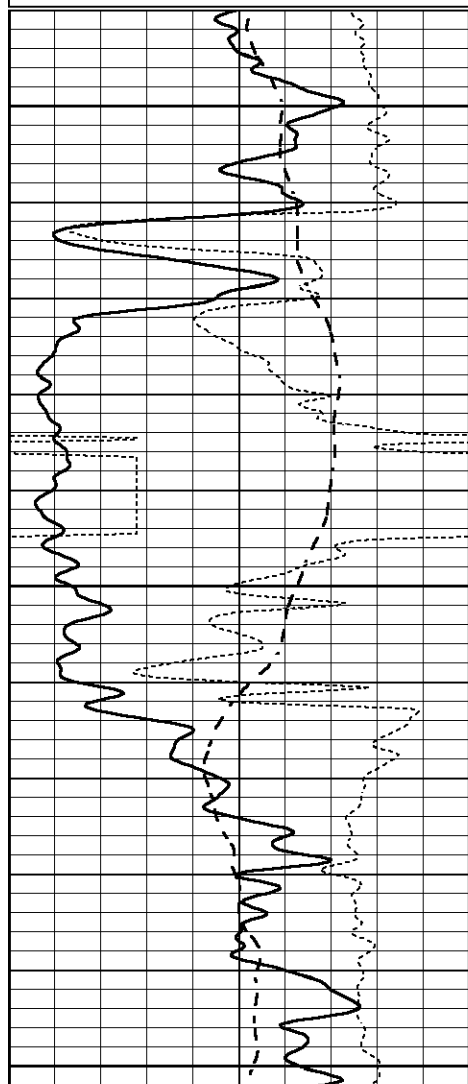






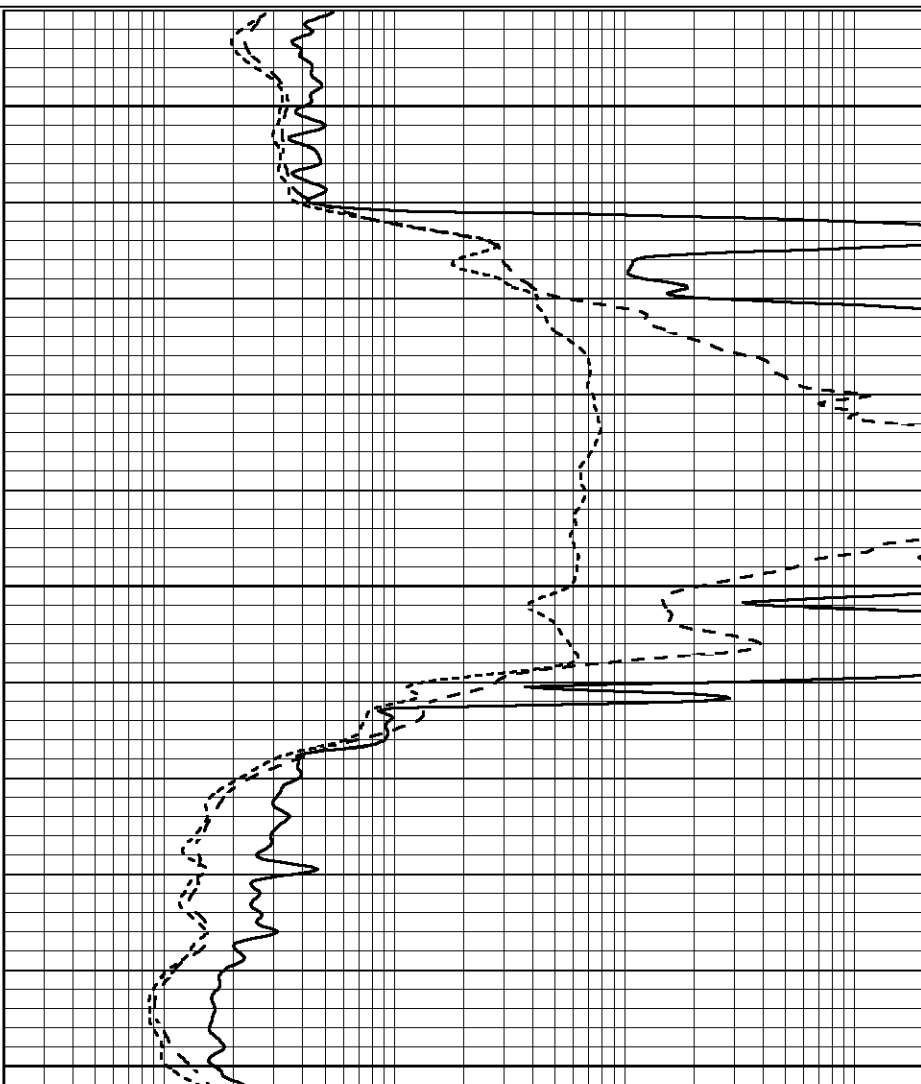


-100	SP (mV)	100
-250	Rxo/Rt	50

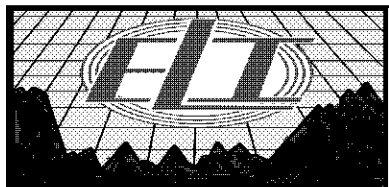


0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50

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



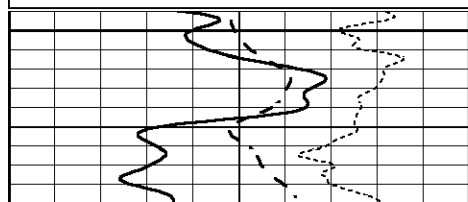
0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000



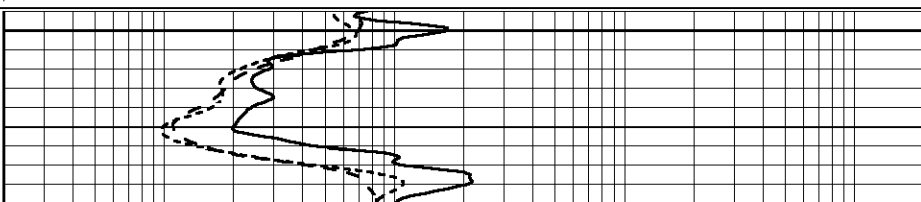
MAIN SECTION

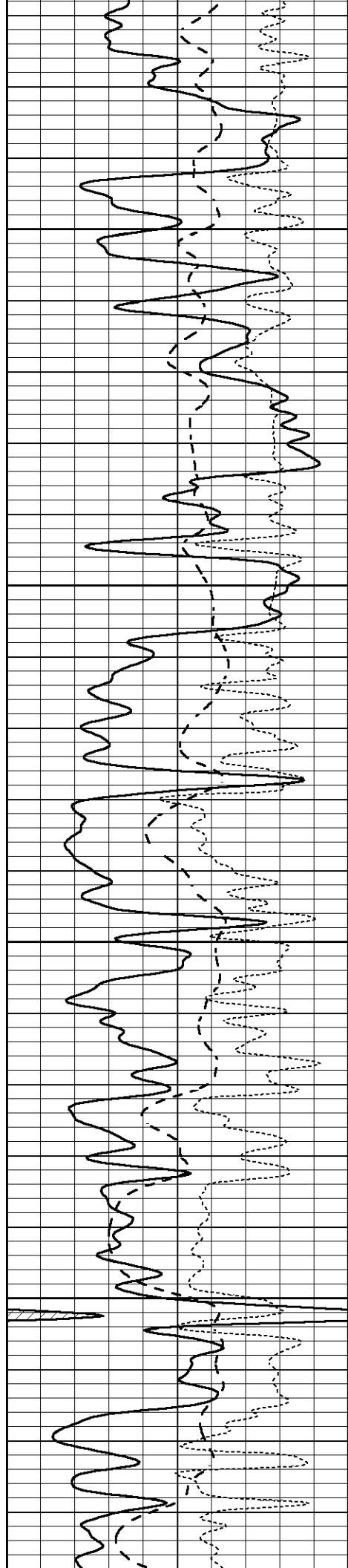
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 Dataset Pathname pass6.1
 Presentation Format _dil
 Dataset Creation Sat Feb 12 08:20:22 2022
 Charted by Depth in Feet scaled 1:240

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



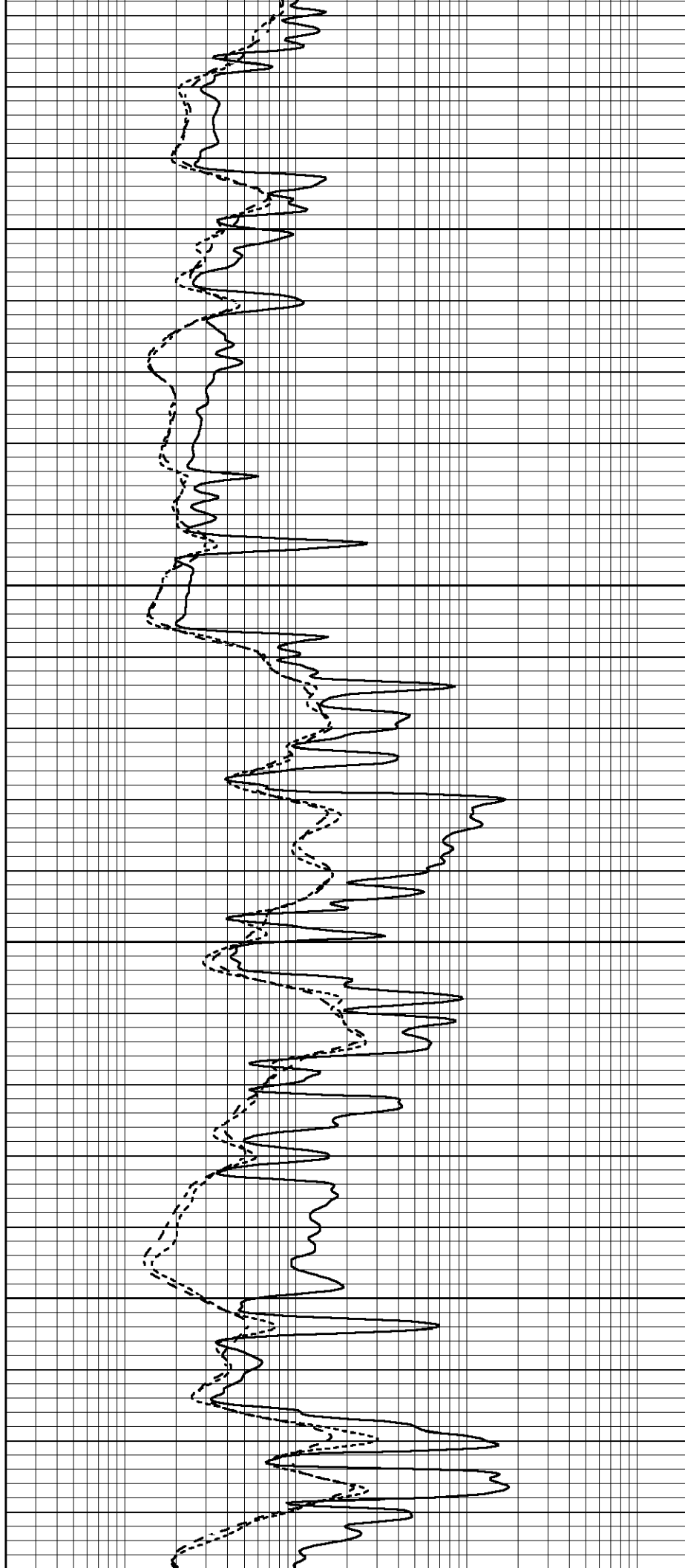


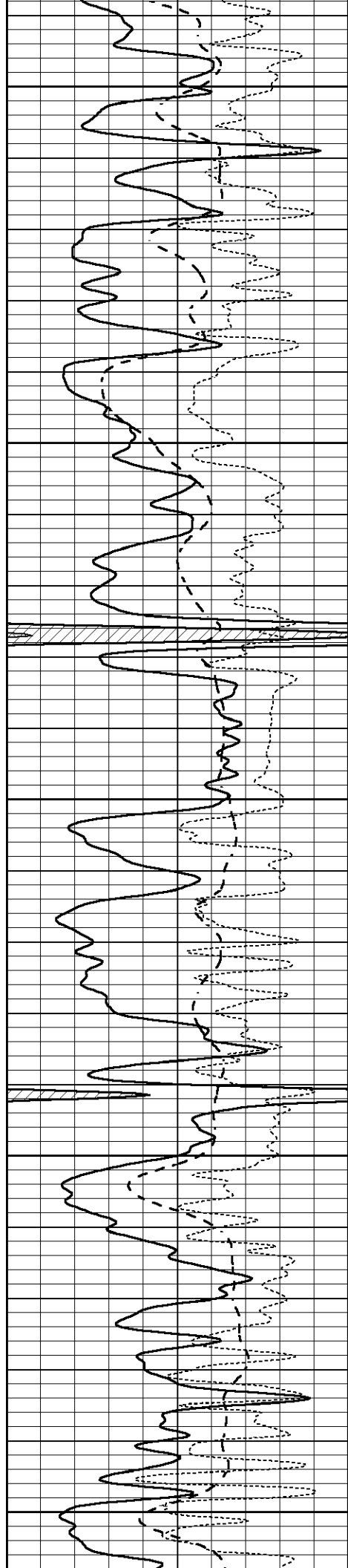
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3400

3450





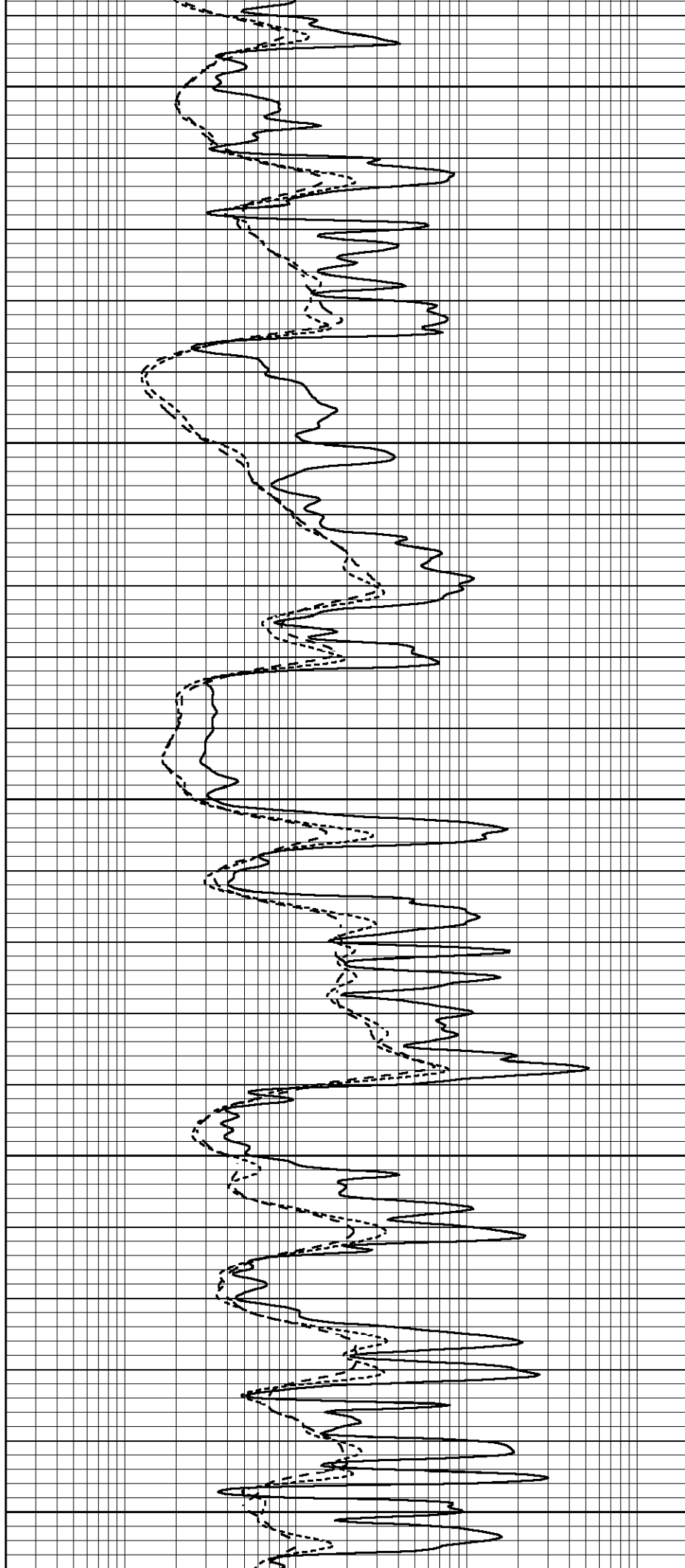
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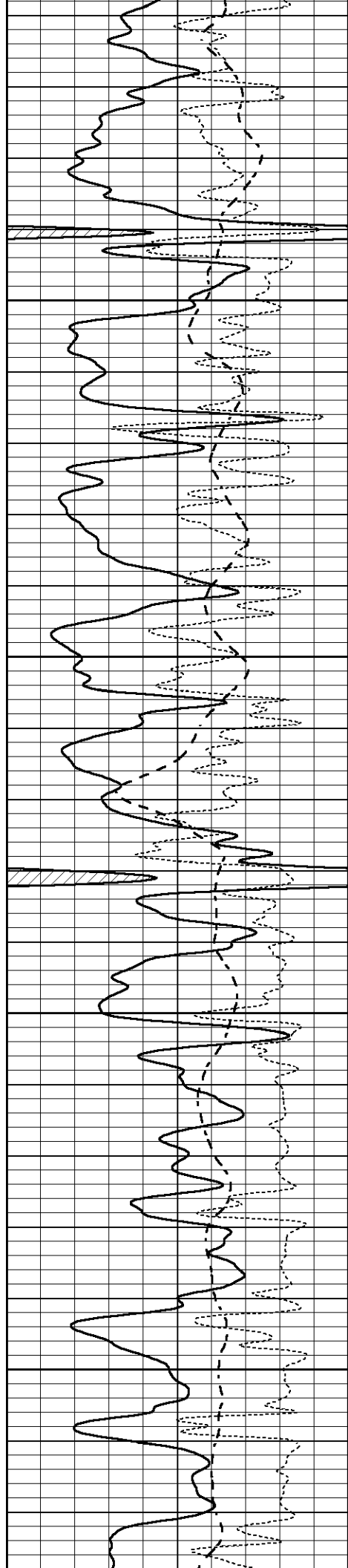
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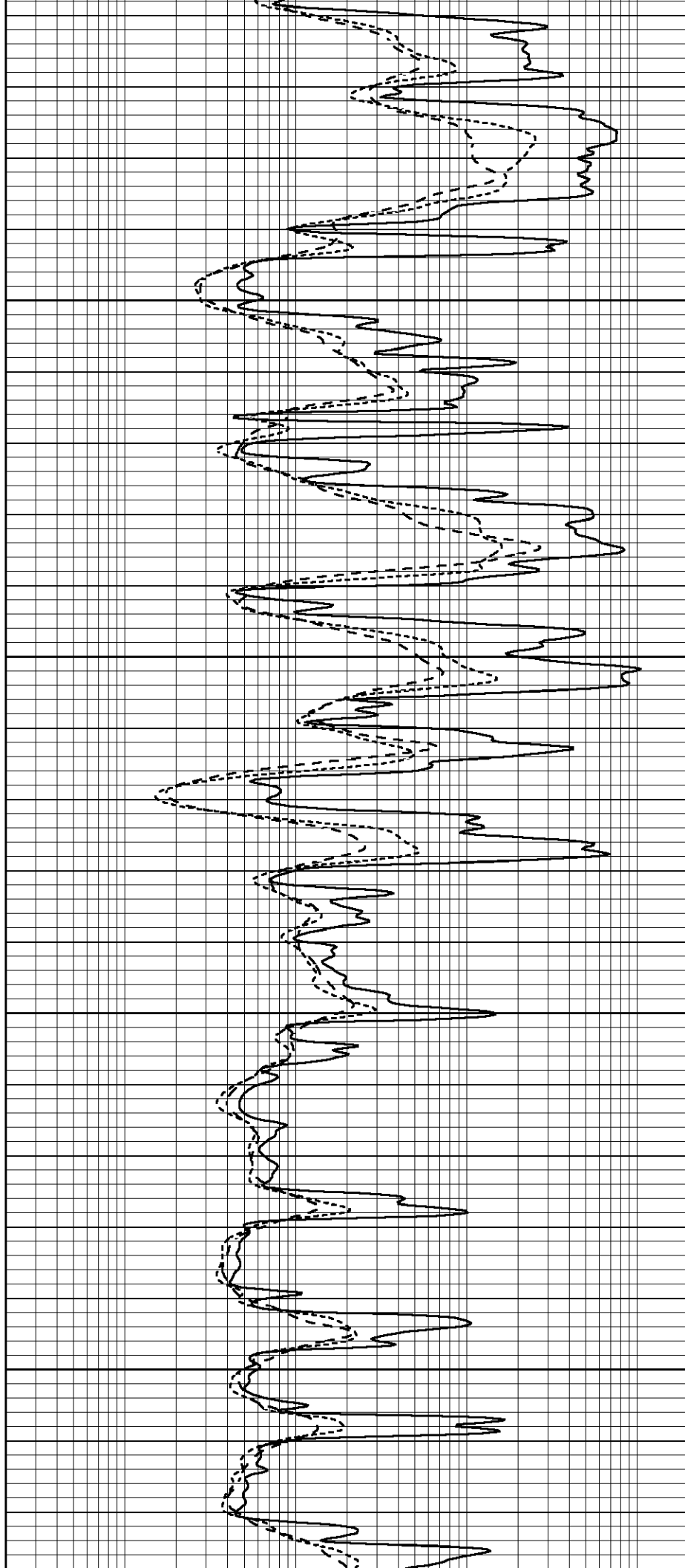


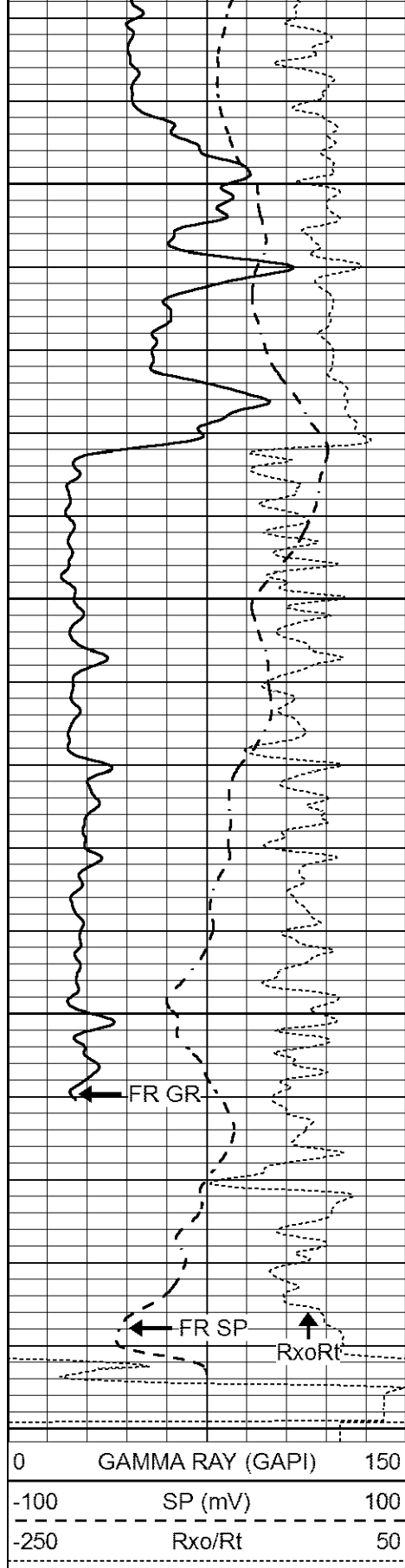
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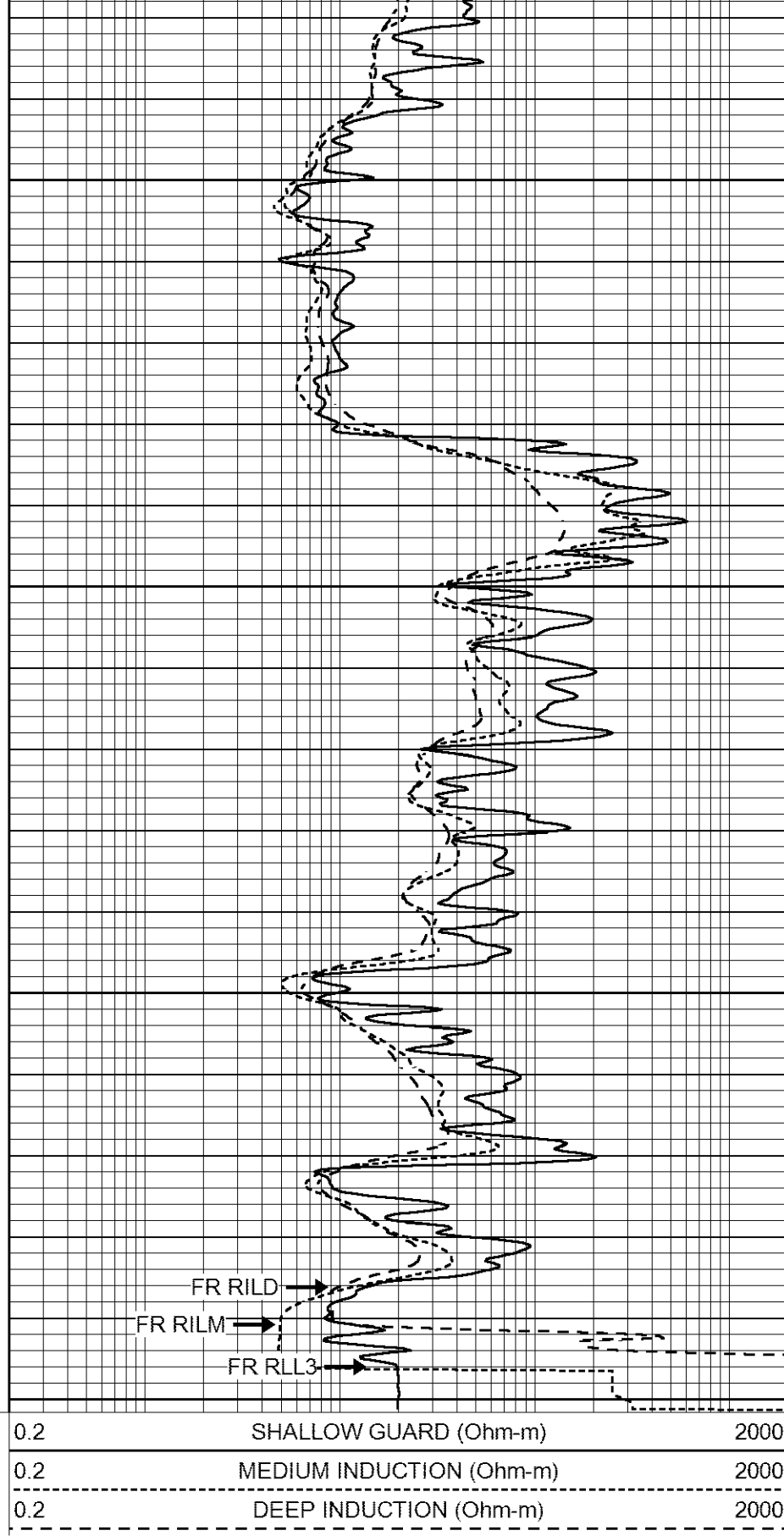


LTD 4098
4100

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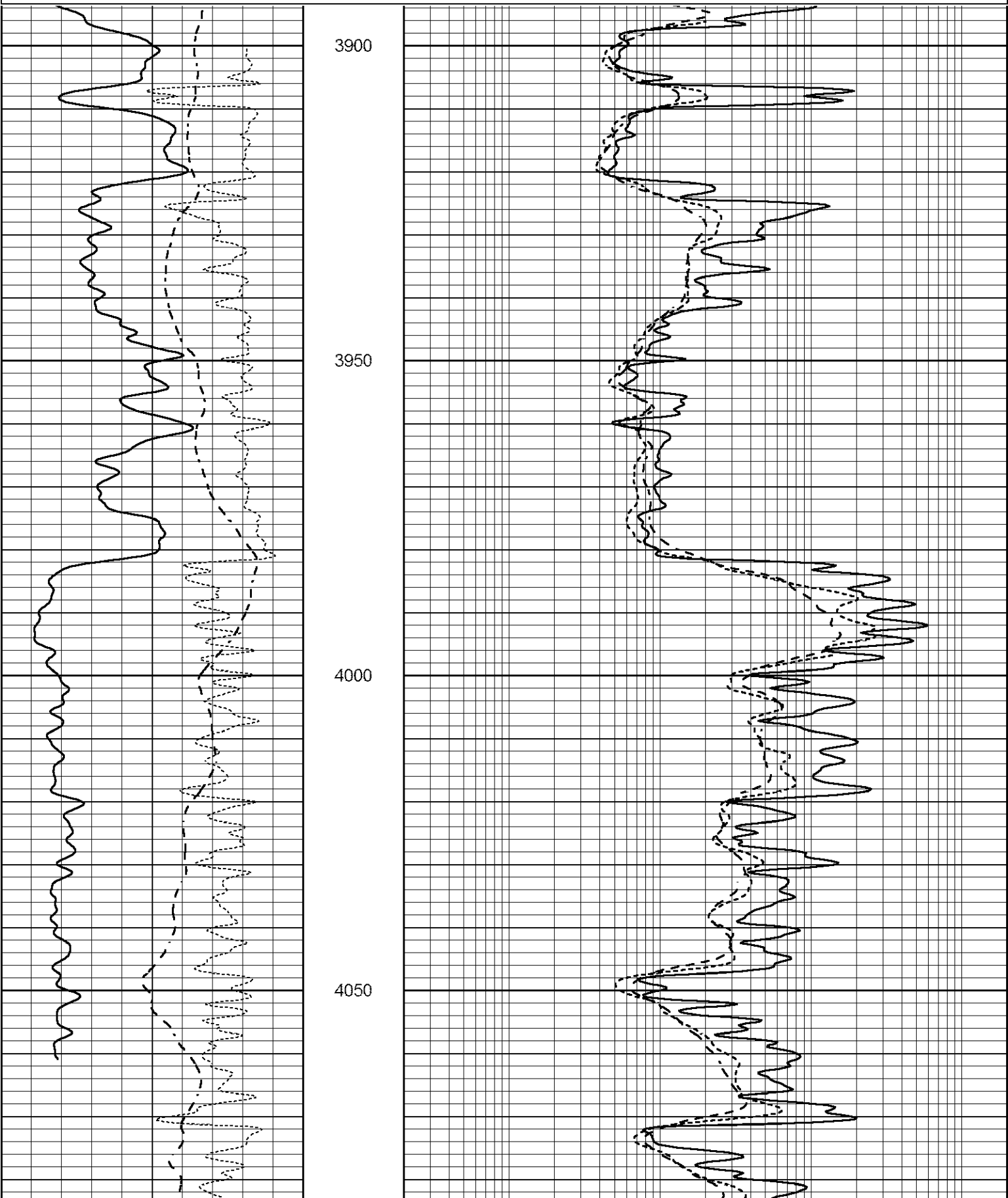
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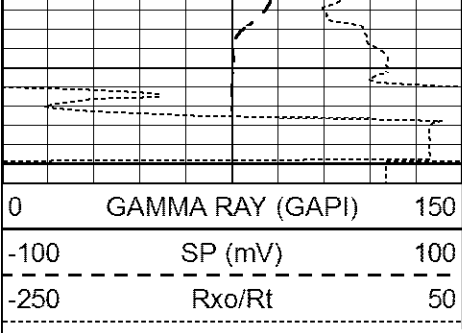
4050



REPEAT SECTION

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





4100

