



**COMPLETION
& PRODUCTION
SERVICES CO.**

**TRIPLE COMBO
LOG**

Company	O'BRIEN RESOURCES, LLC.	
Well	JENNISON 1 #3	
Field	WILDCAT	
County	LANE	State KANSAS
Location:	API # : 15-101-22444-0000	Other Services CDL/CNL/PE DIL/MEL
Permanent Datum	GROUND LEVEL	Elevation 2846
Log Measured From	KELLY BUSHING 11' A.G.L.	K.B. 2857 D.F. 2855 G.L. 2846
Drilling Measured From	KELLY BUSHING	
	SEC 1 TWP 17S RGE 30W	

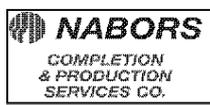
Date	8/10/13
Run Number	TWO
Depth Driller	4670
Depth Logger	4668
Bottom Logged Interval	4666
Top Log Interval	3600
Casing Driller	8 5/8"@266'
Casing Logger	268
Bit Size	7 7/8"
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.0/55
pH / Fluid Loss	10.5/7.4
Source of Sample	FLOWLINE
Rim @ Meas. Temp	1.30@80F
Rmf @ Meas. Temp	.975@80F
Rmc @ Meas. Temp	1.56@80F
Source of Rmf / Rmc	MEASUREMENT
Rim @ BHT	.852@122F
Time Circulation Stopped	4.5 HOURS
Time Logger on Bottom	6:15 A.M.
Maximum Recorded Temperature	122F
Equipment Number	4854
Location	HAYS, KANSAS
Recorded By	JEFF LUEBBERS
Witnessed By	KURT TALBOTT

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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" HAYS, KANSAS (785) 628-6395
DIRECTIONS
HEALY, KS., 1E. ON HWY4 TO "EAGLE RD.", 3/4N., E. INTO THEN BACK S. BEHIND HOUSE

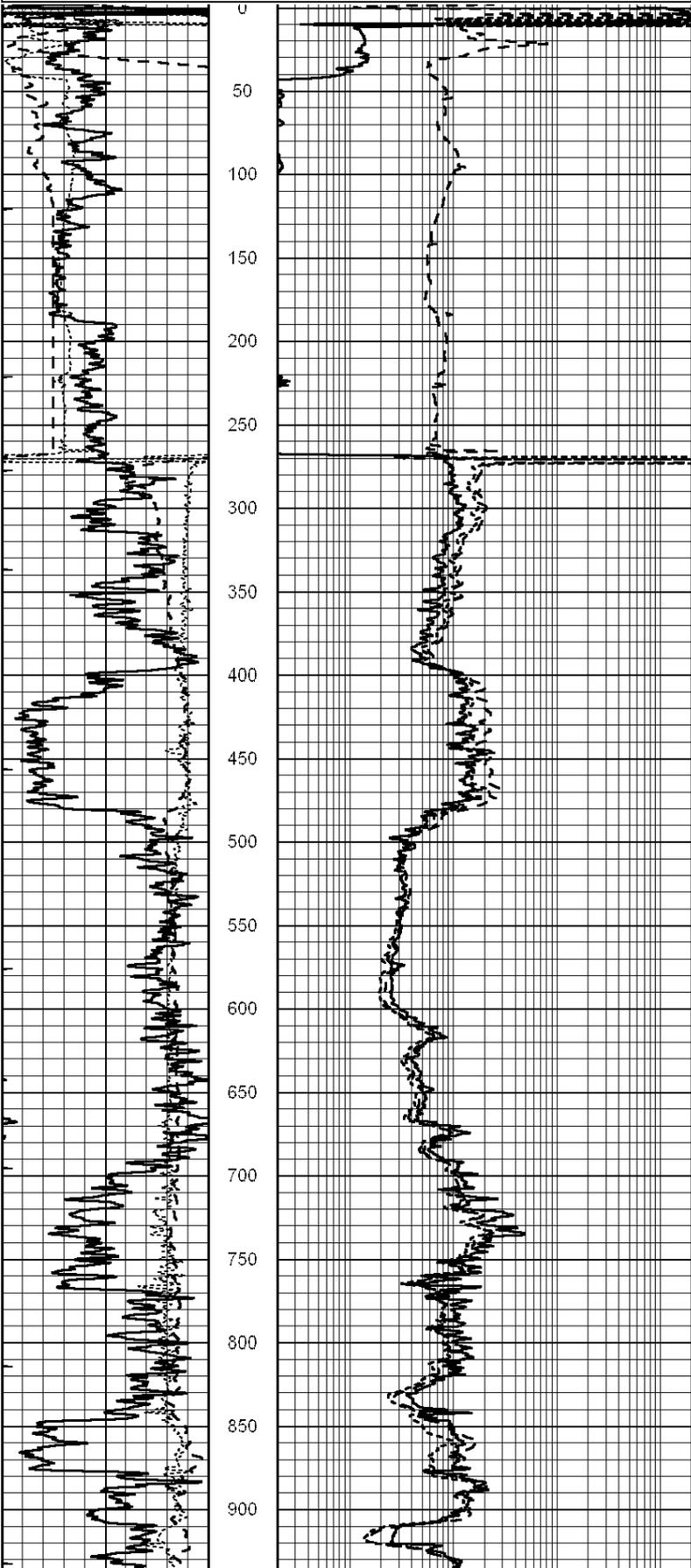


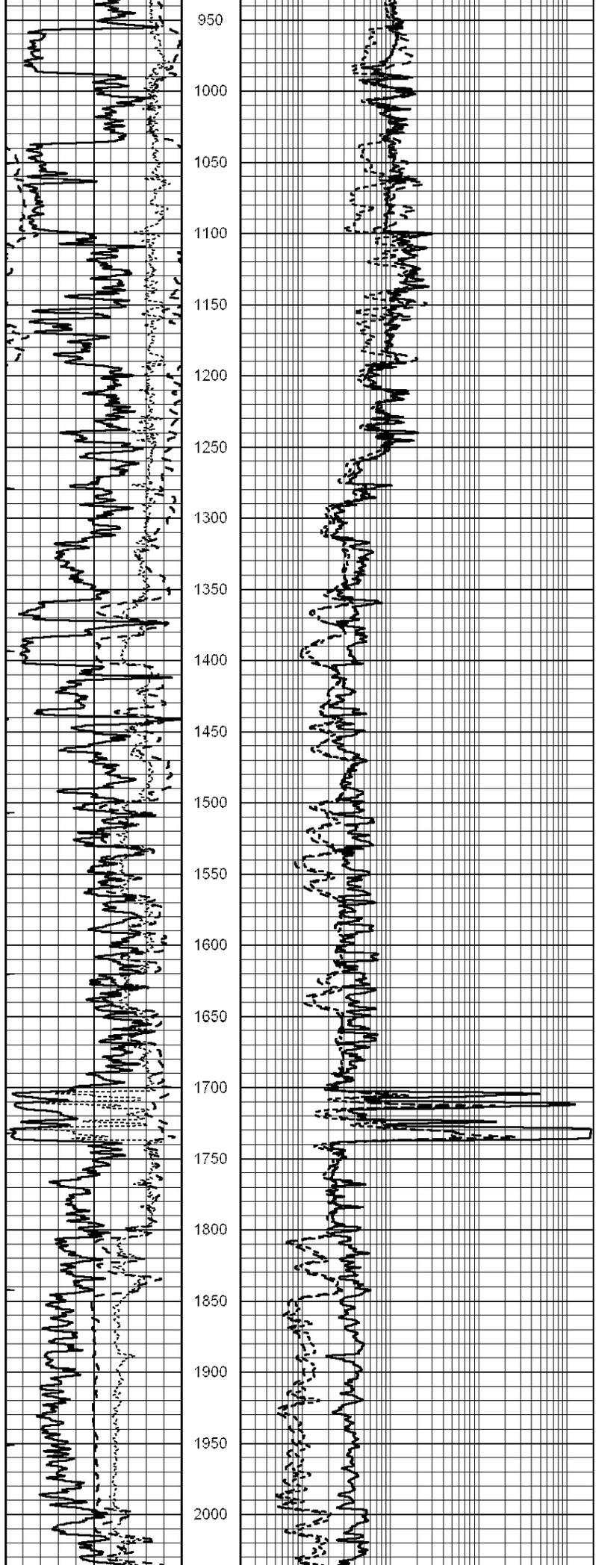
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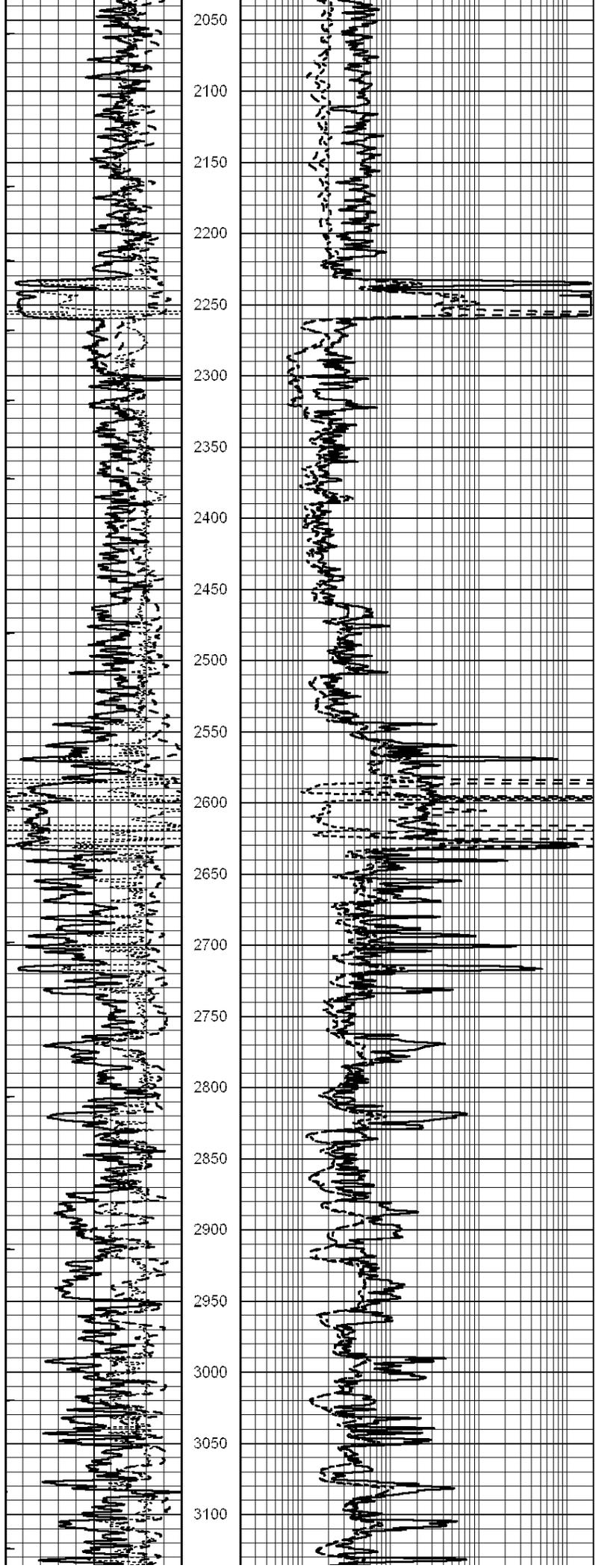
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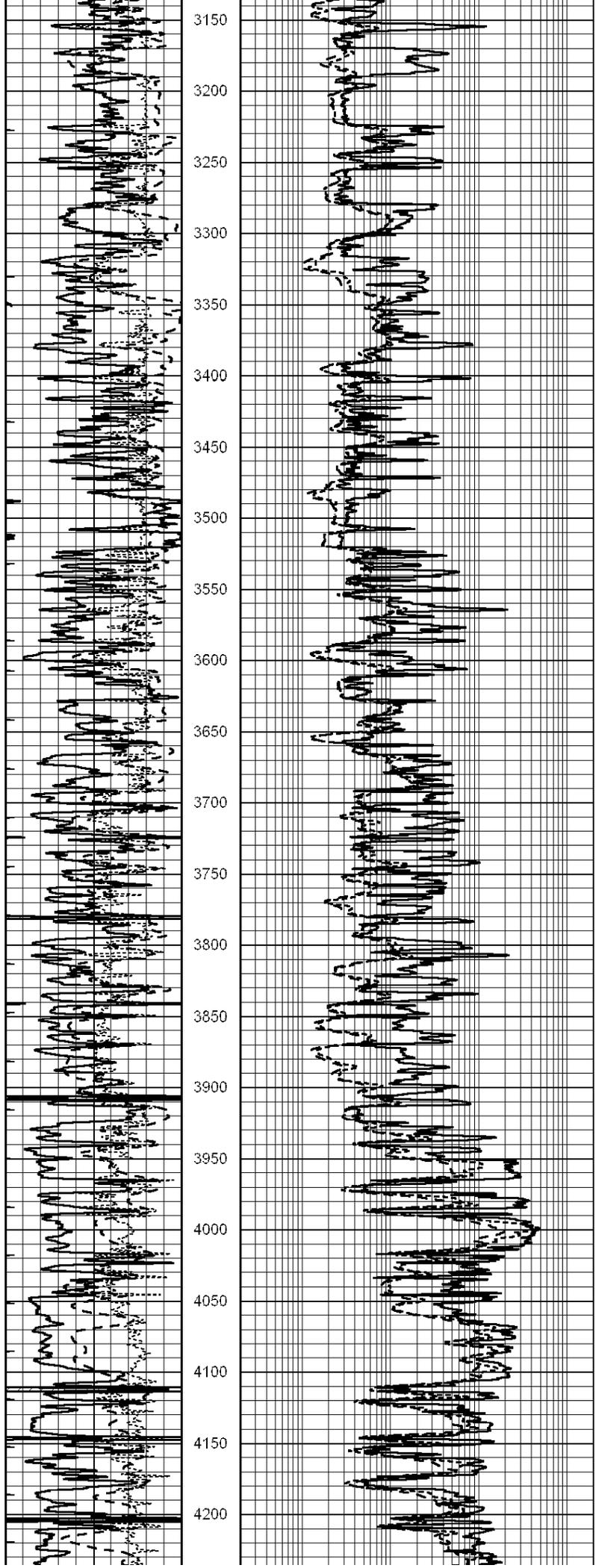
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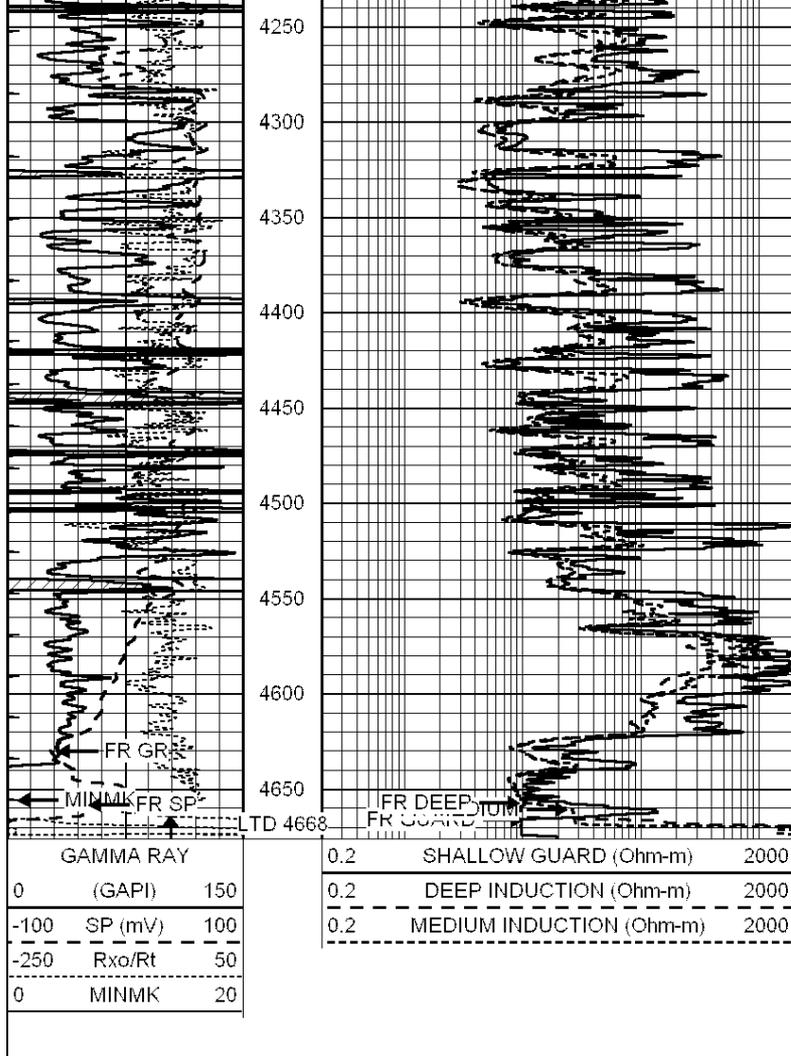
GAMMA RAY			0.2	SHALLOW GUARD (Ohm-m)	2000
0	(GAPI)	150	0.2	DEEP INDUCTION (Ohm-m)	2000
-100	SP (mV)	100	0.2	MEDIUM INDUCTION (Ohm-m)	2000
-250	Rxo/Rt	50	-----		
0	MINMK	20	-----		











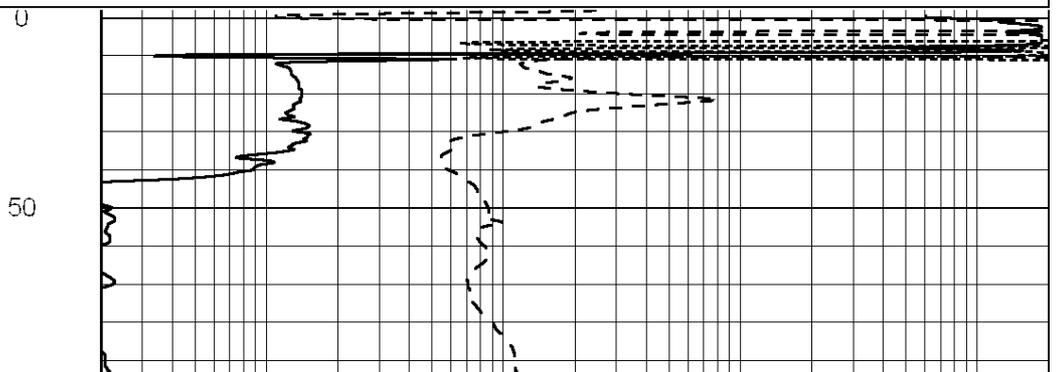
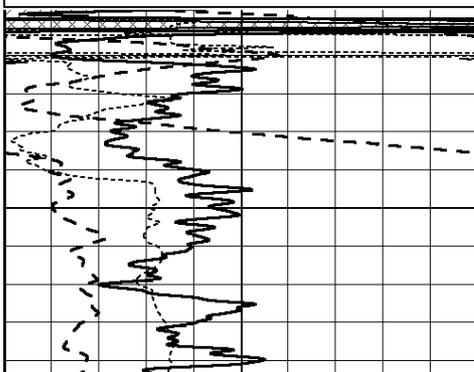
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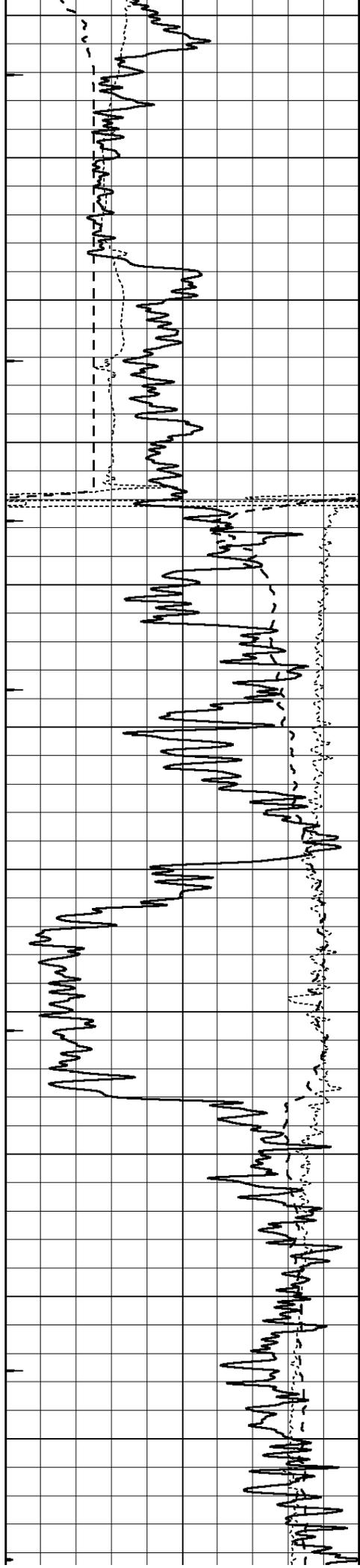
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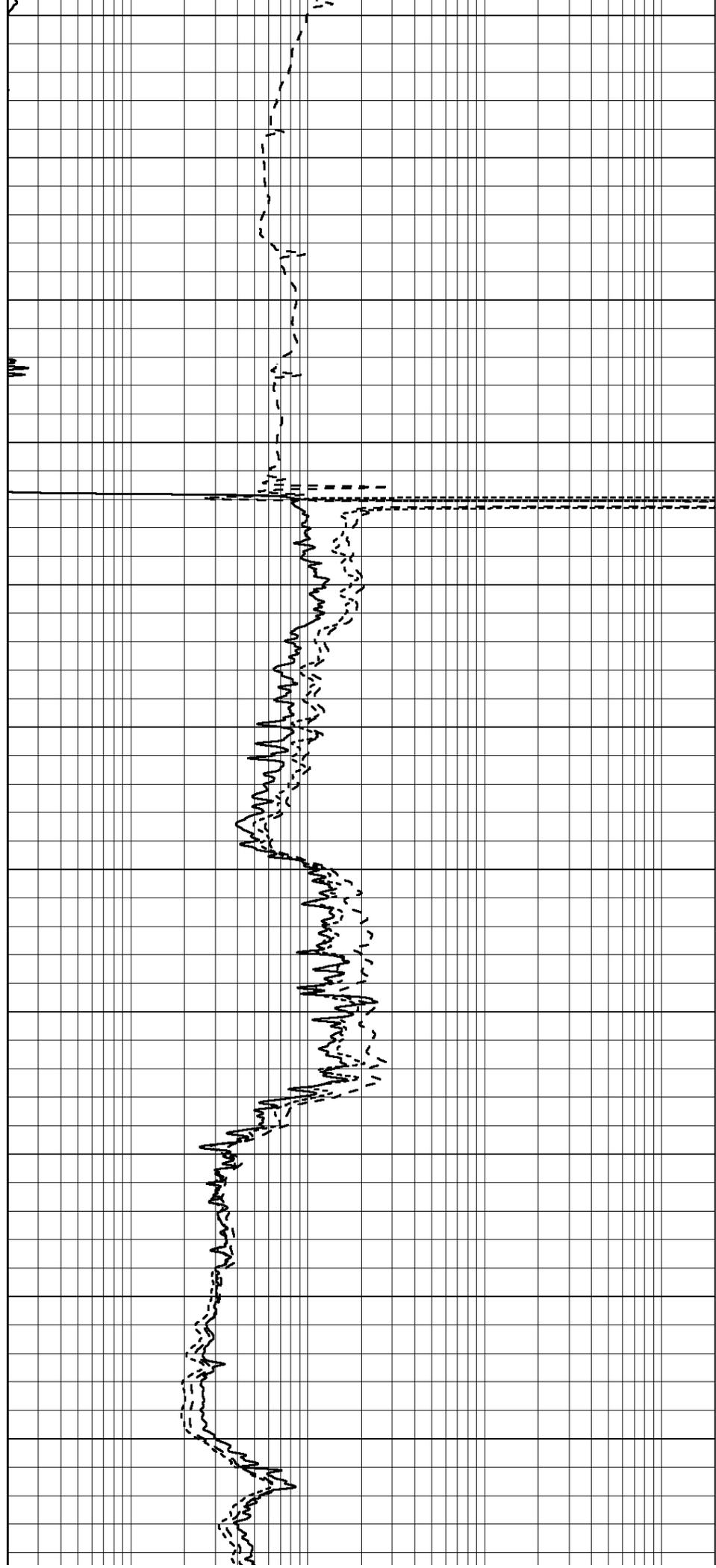
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-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	20

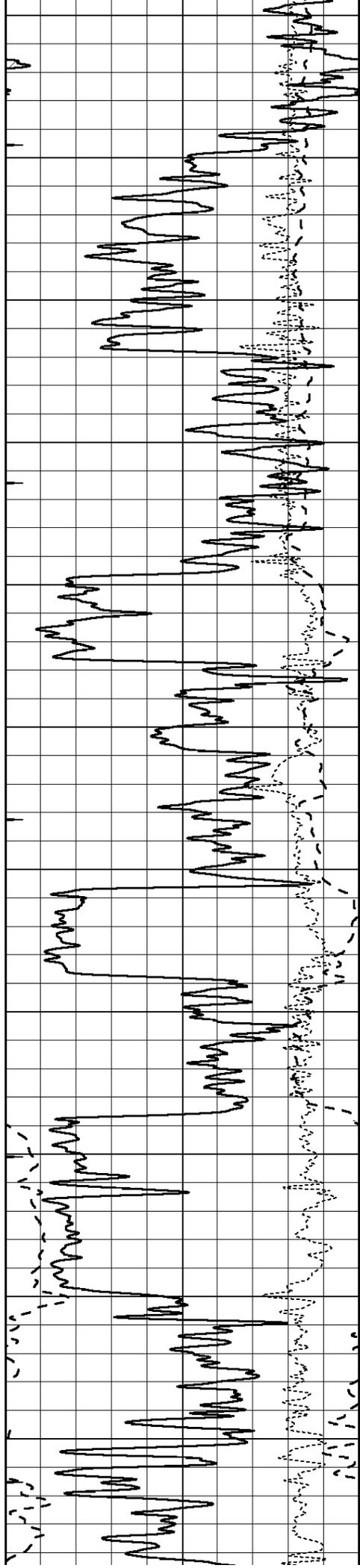
0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000



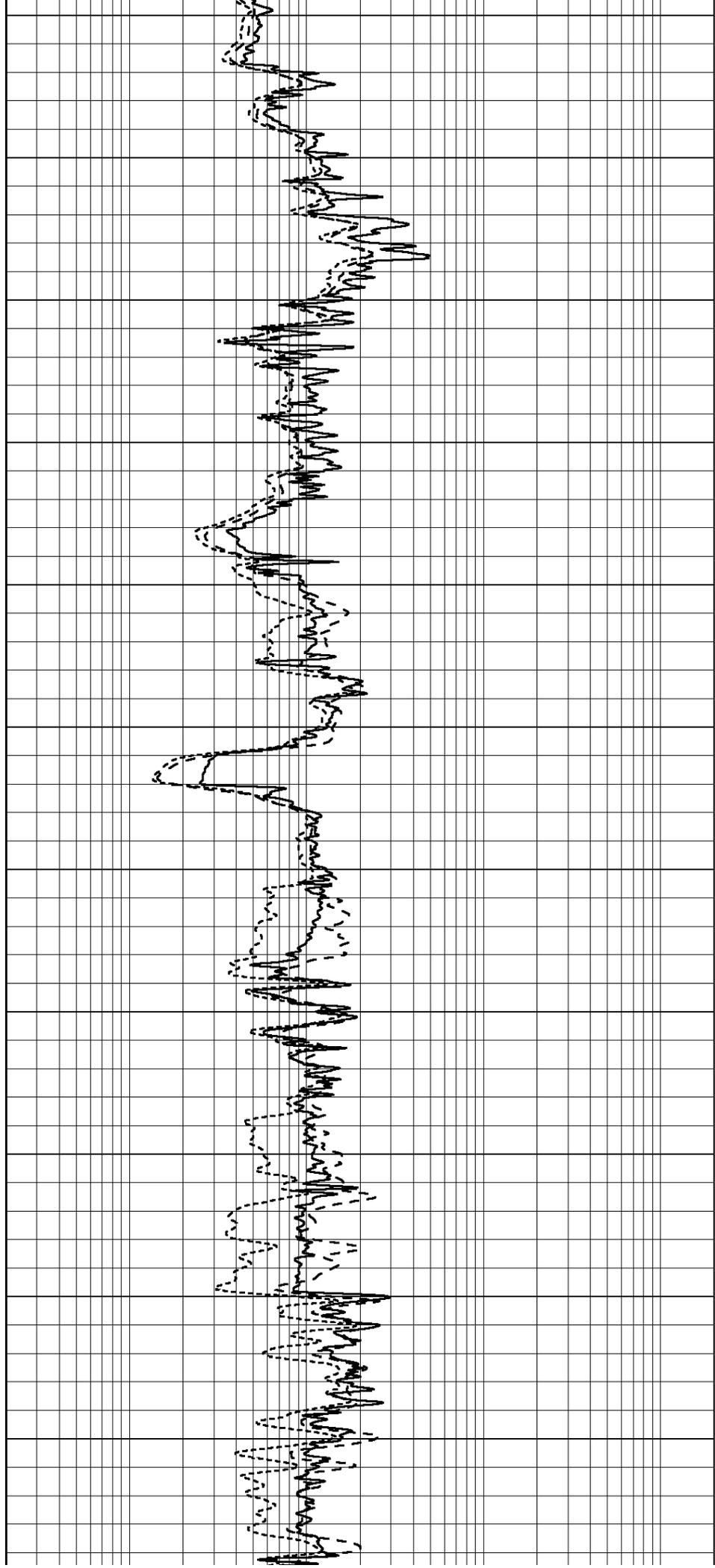


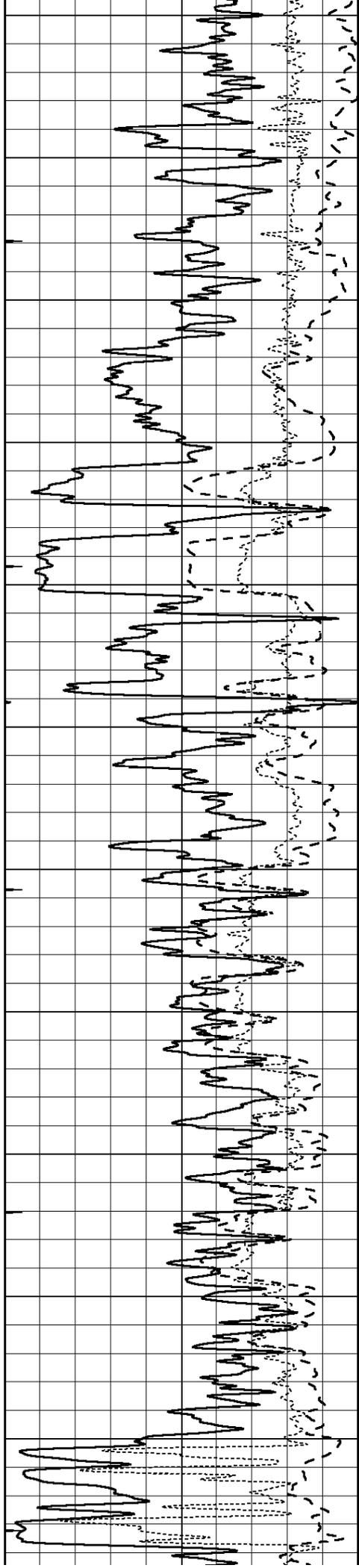
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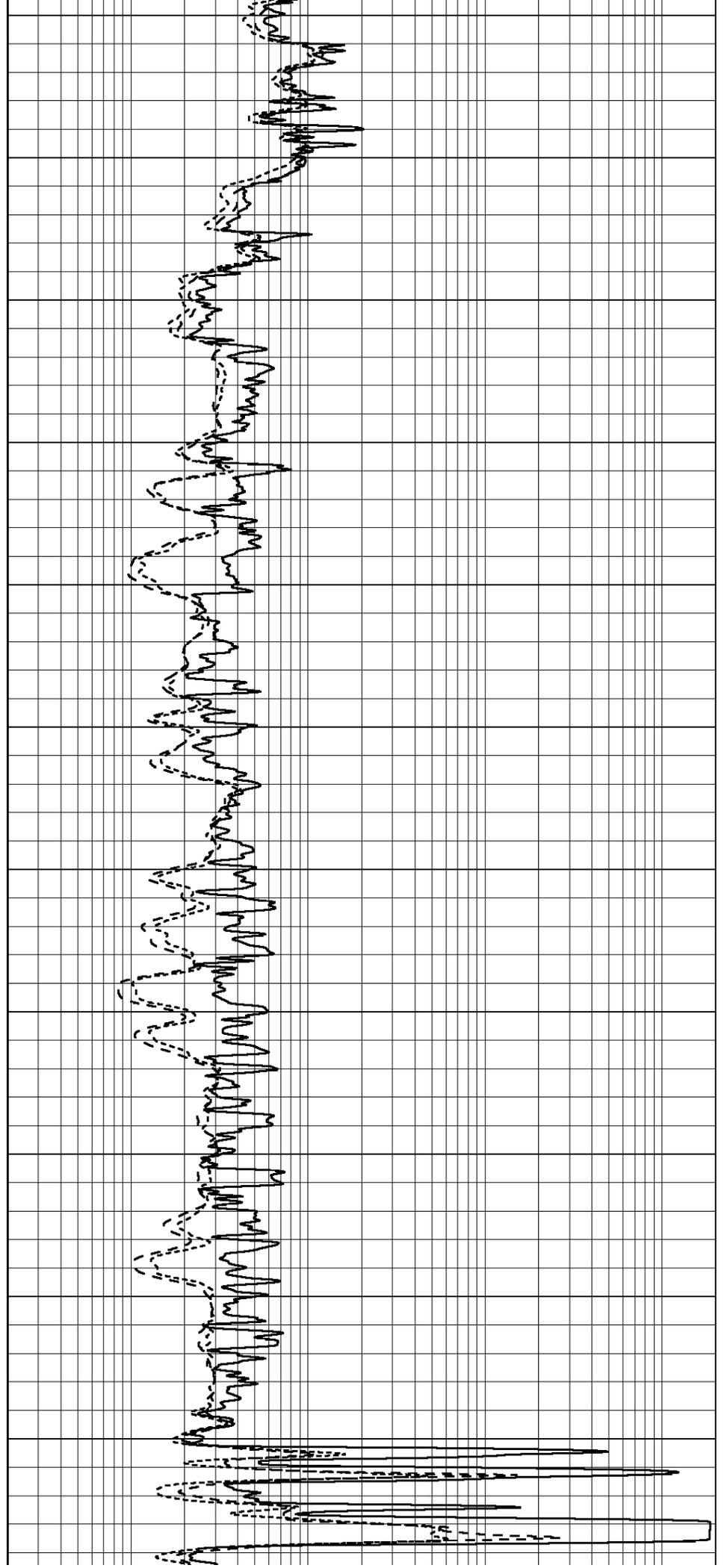


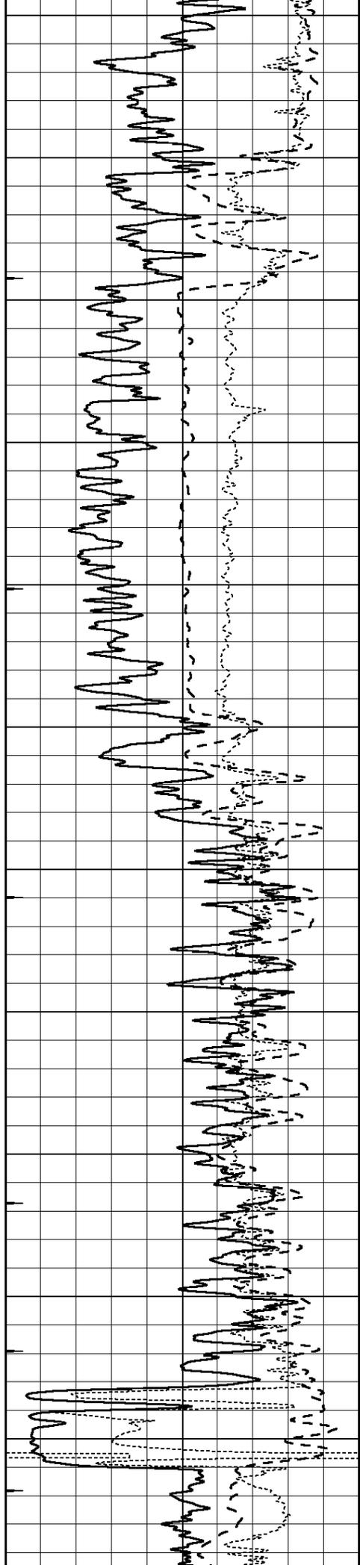
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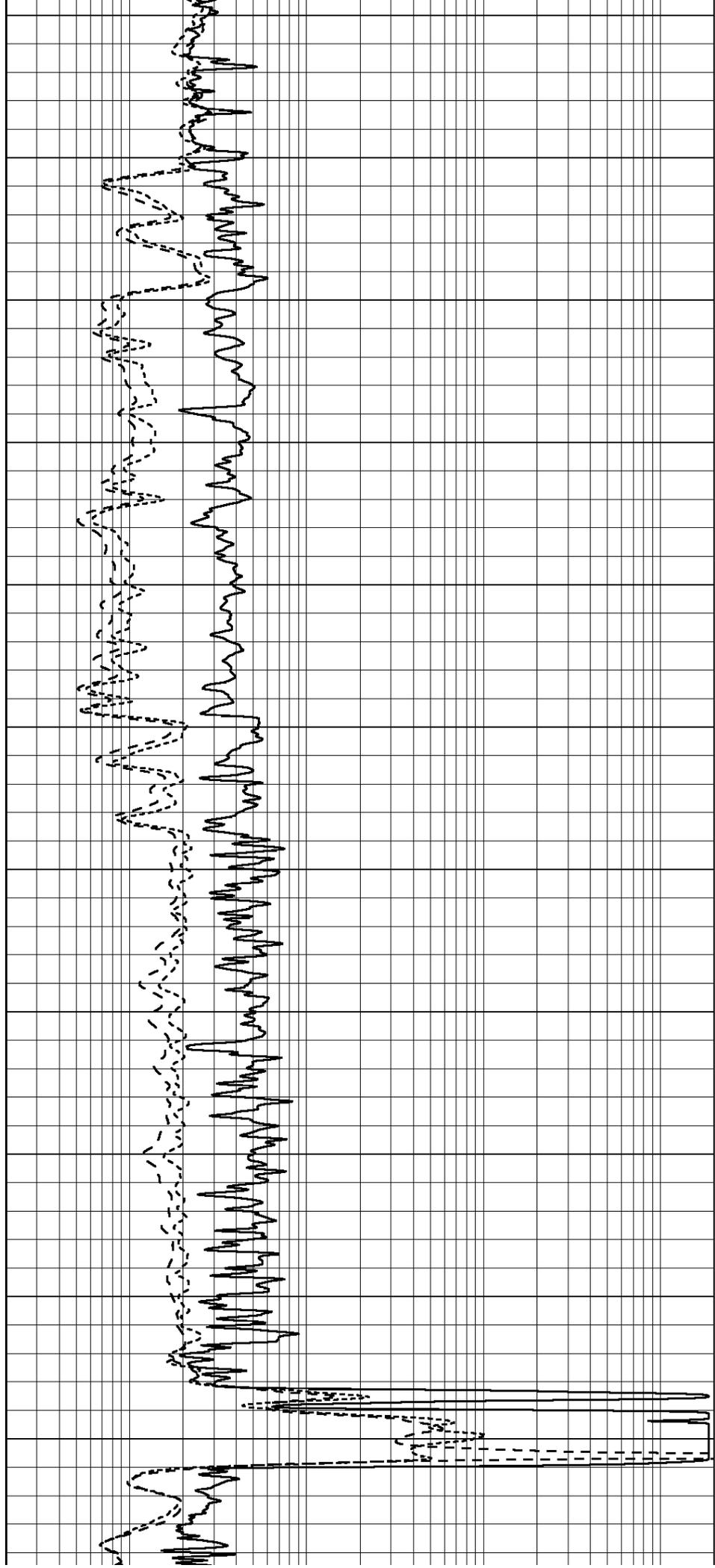


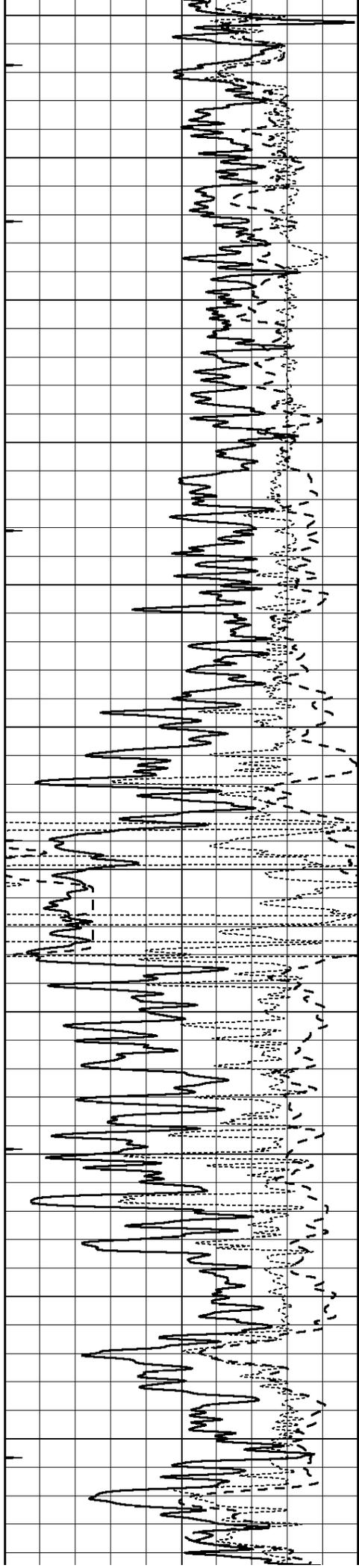
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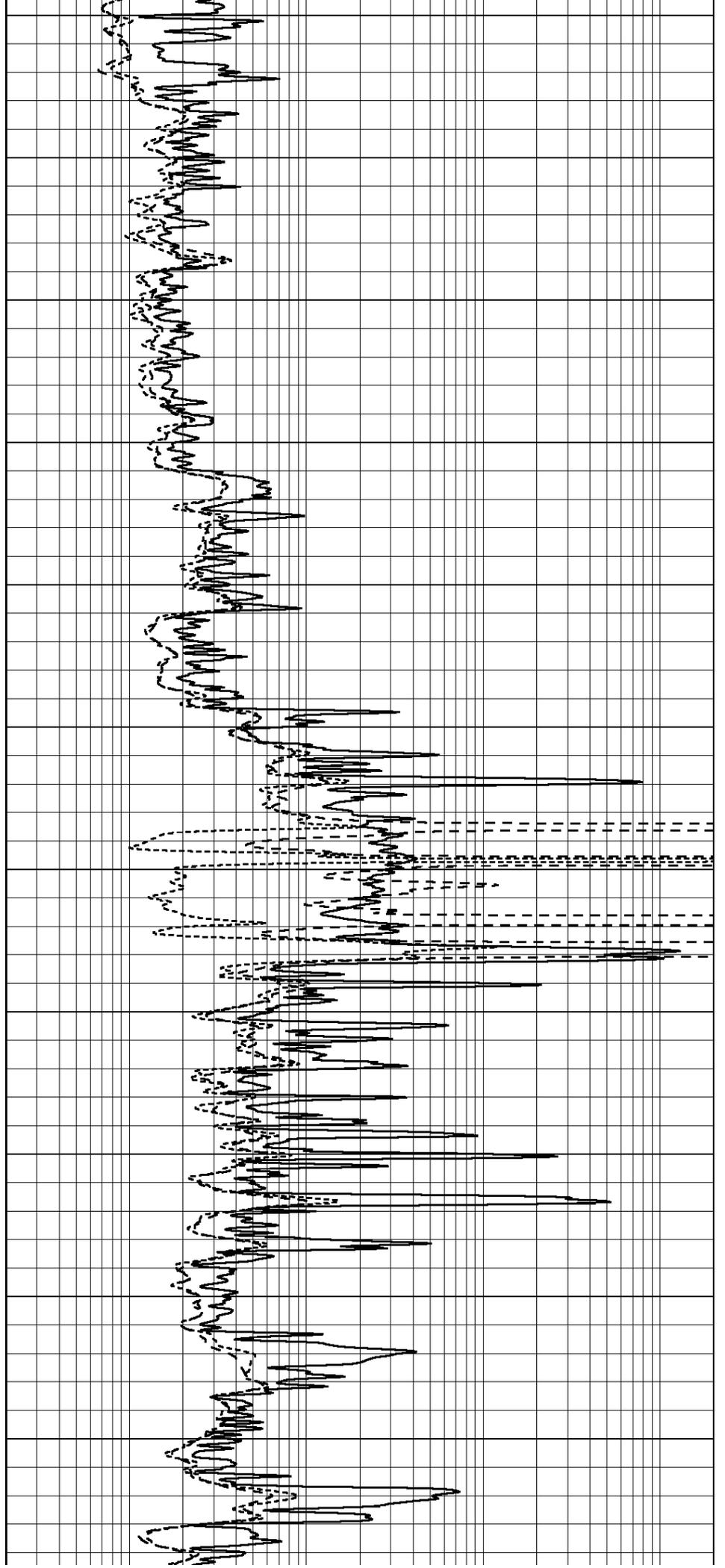


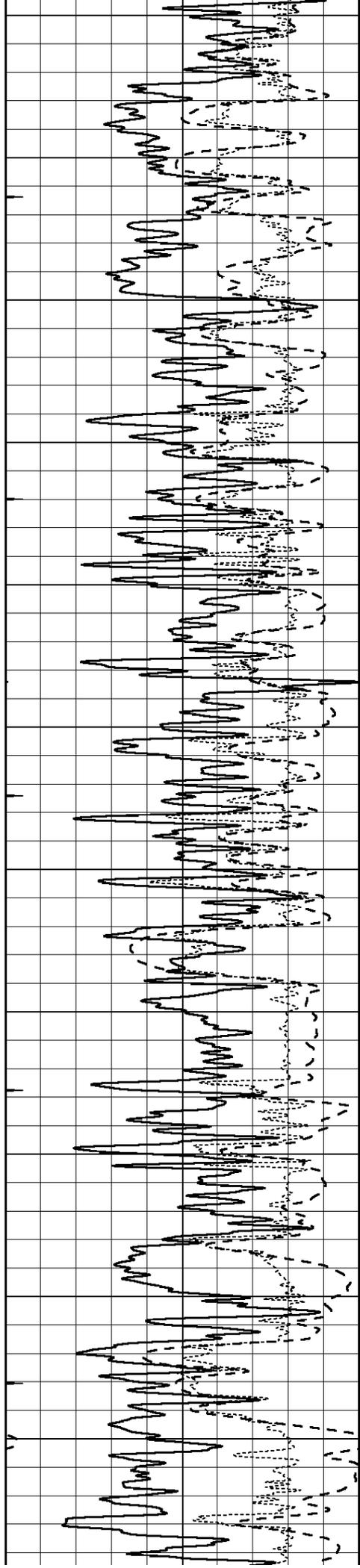
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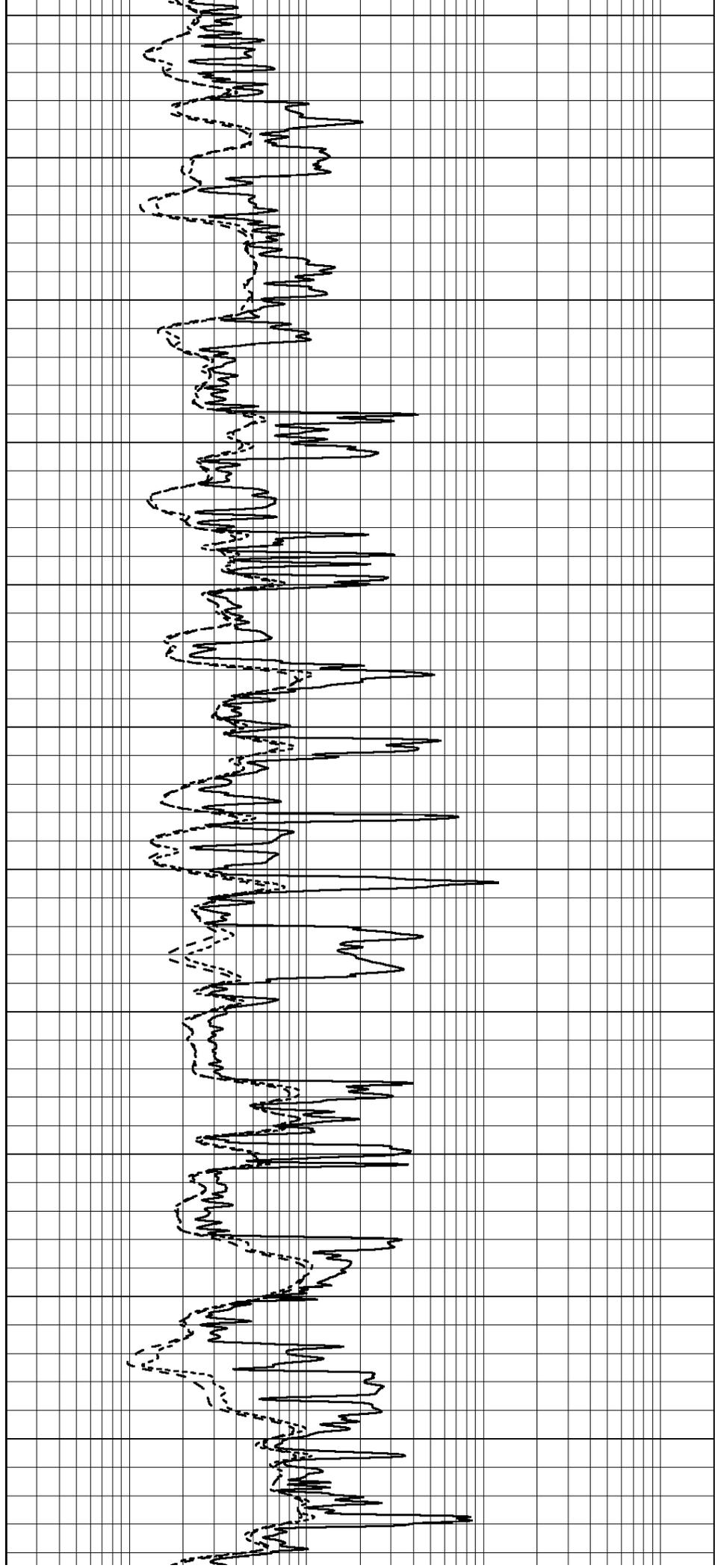


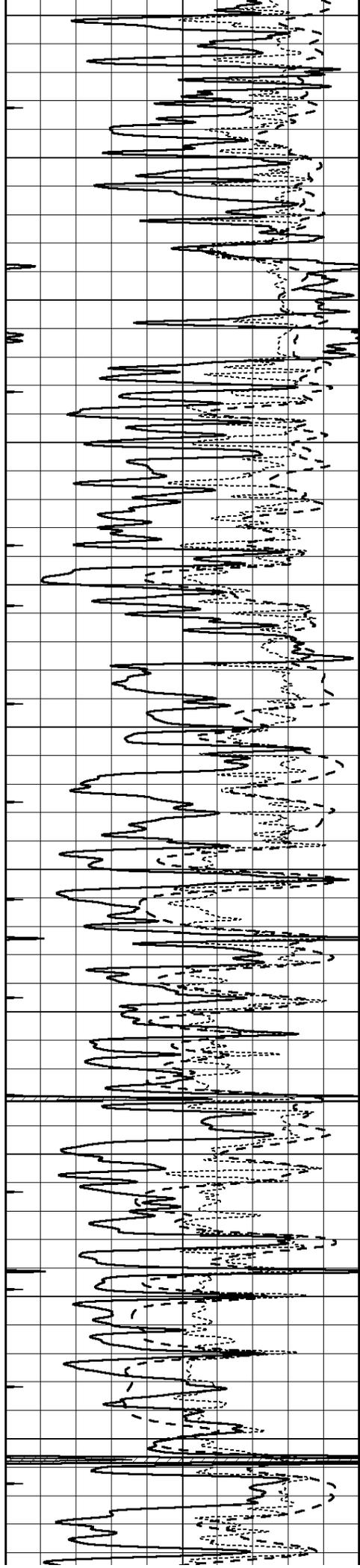
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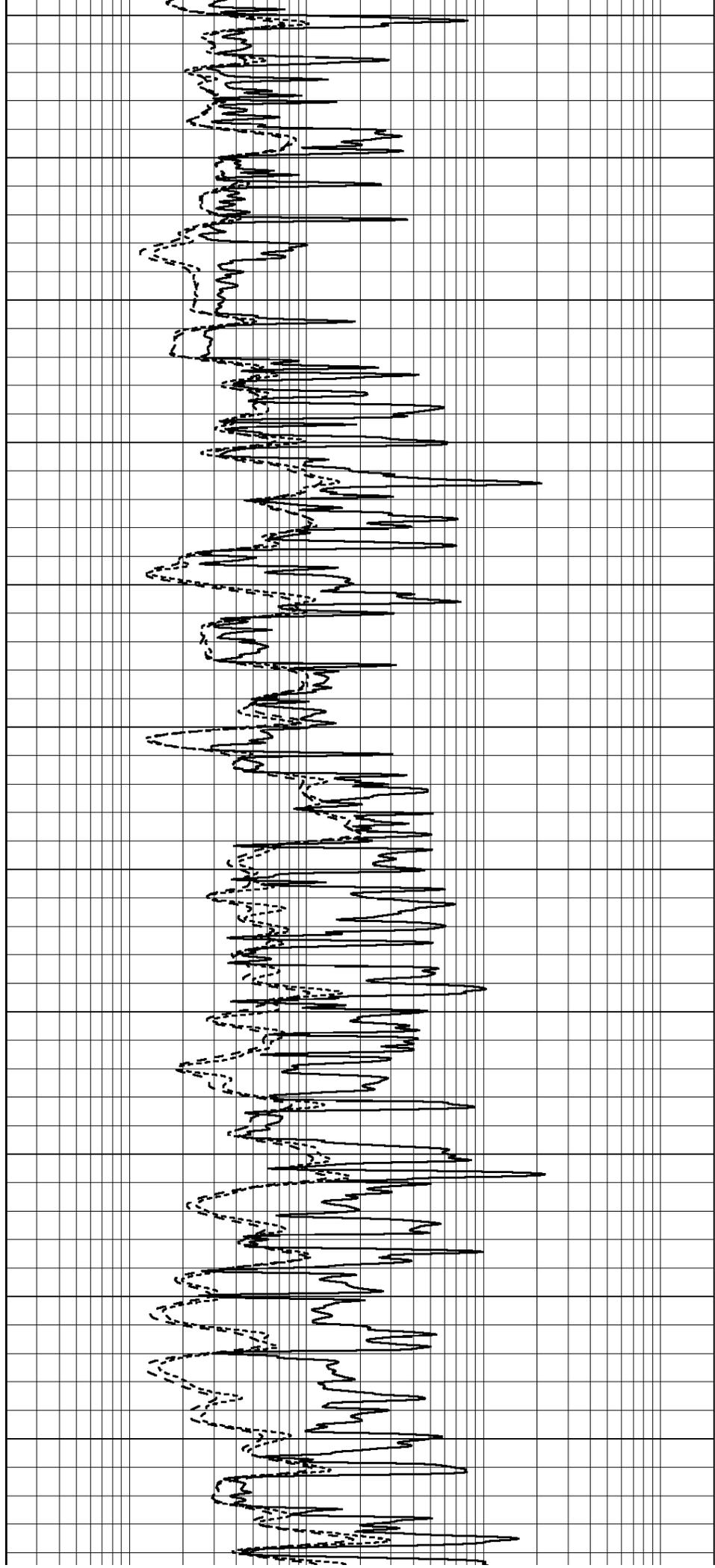


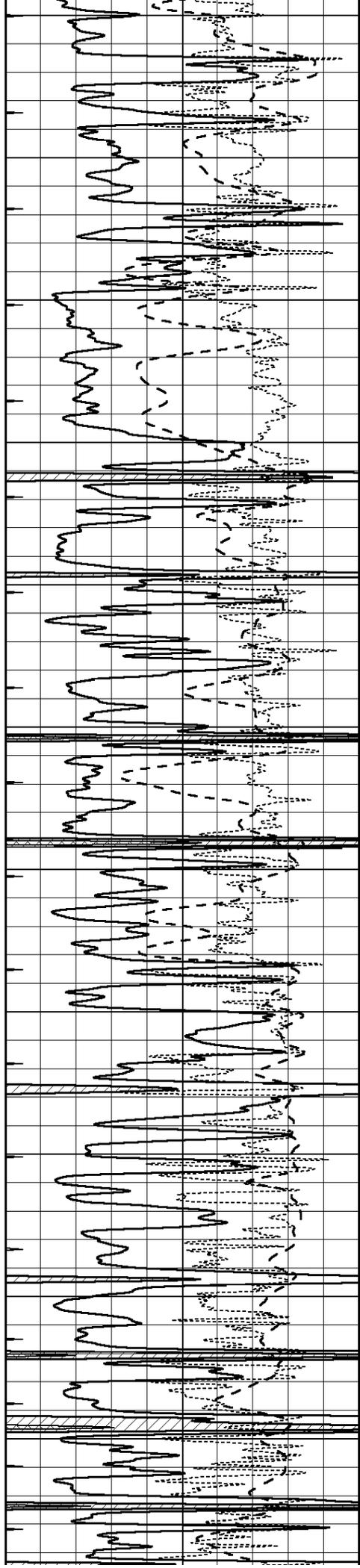
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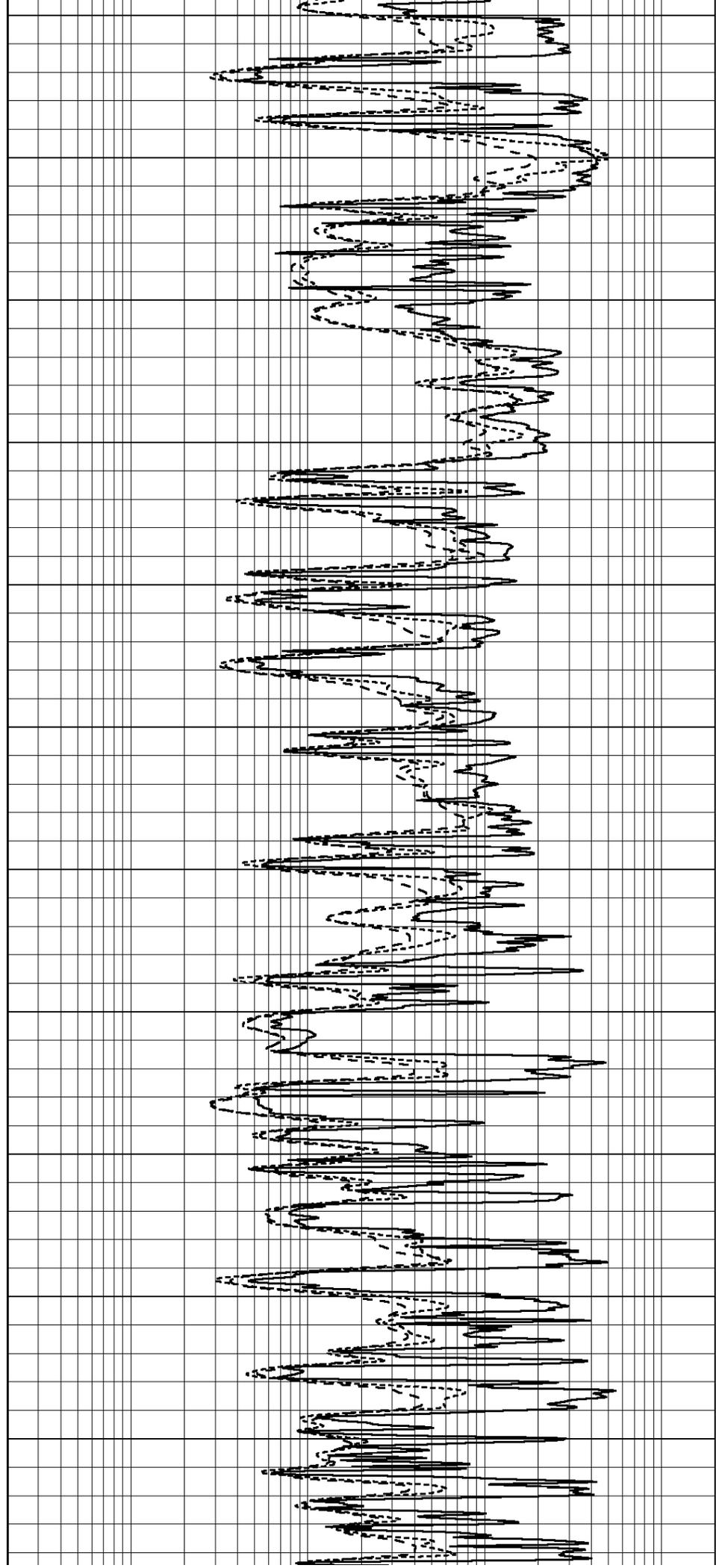
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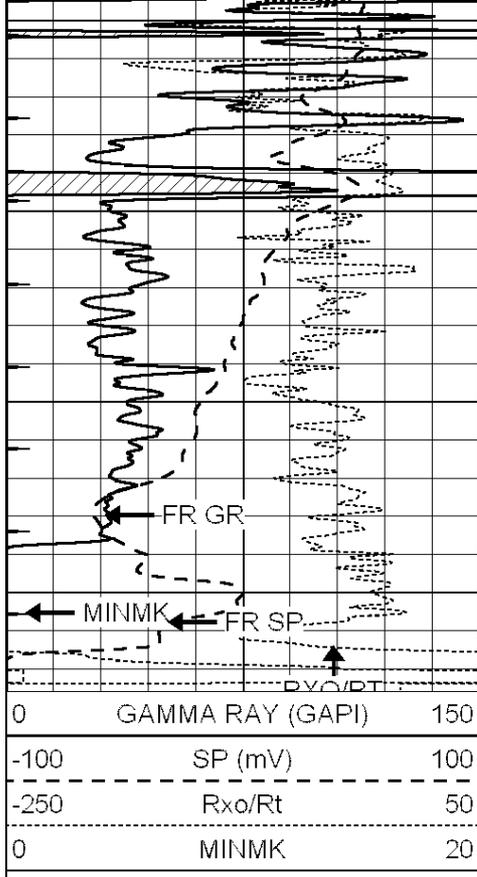
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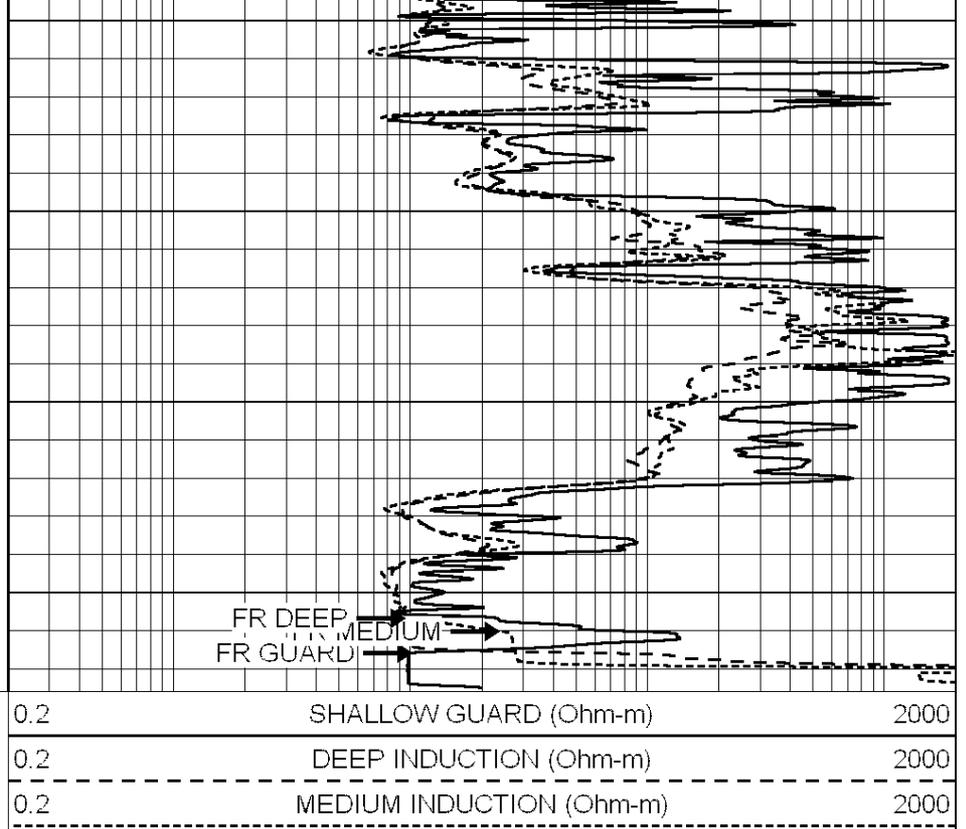
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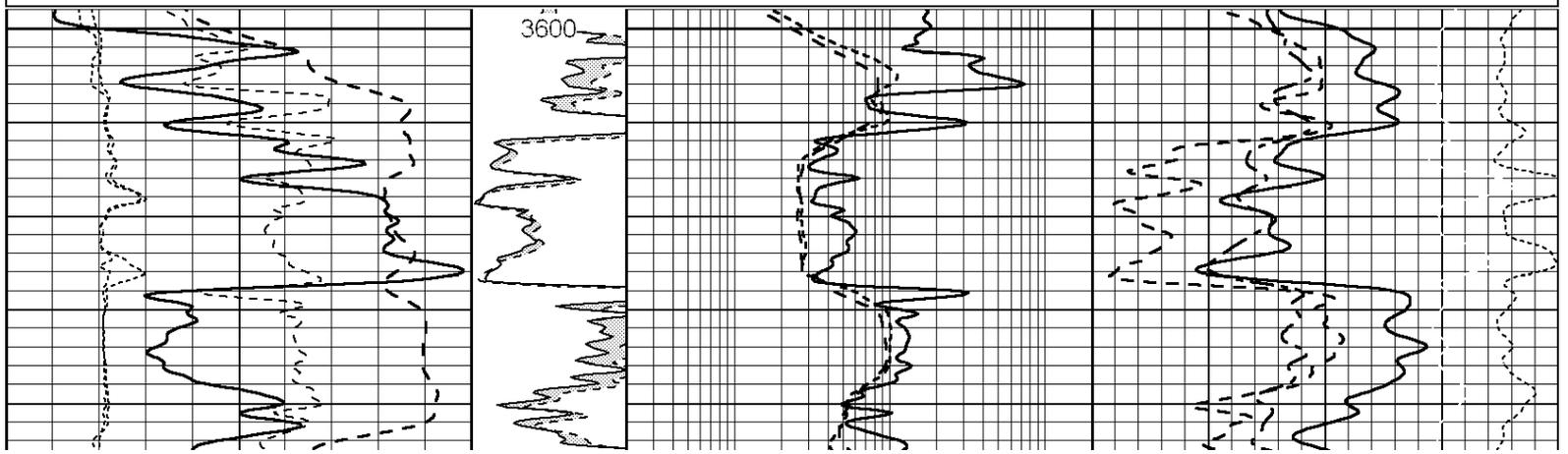
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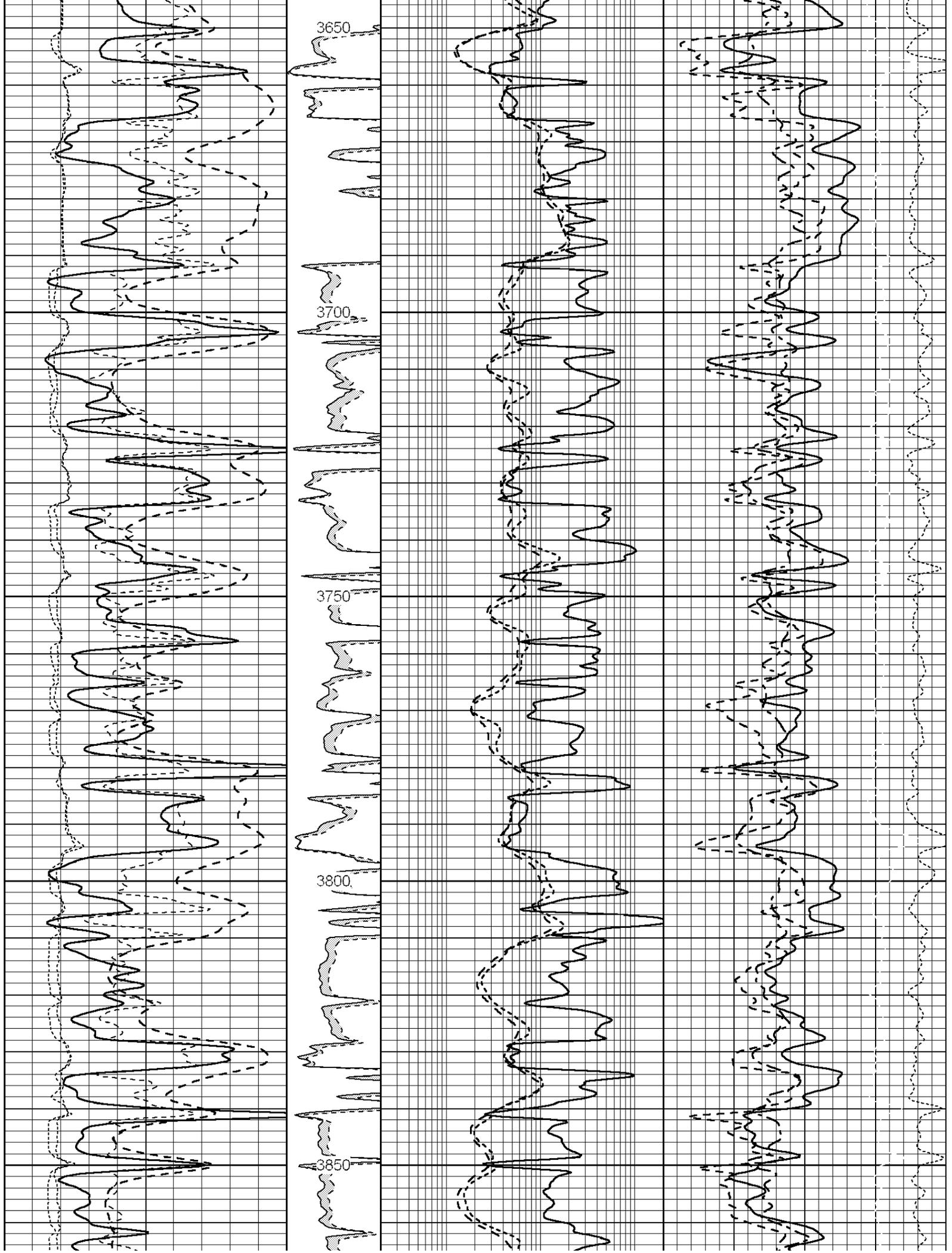


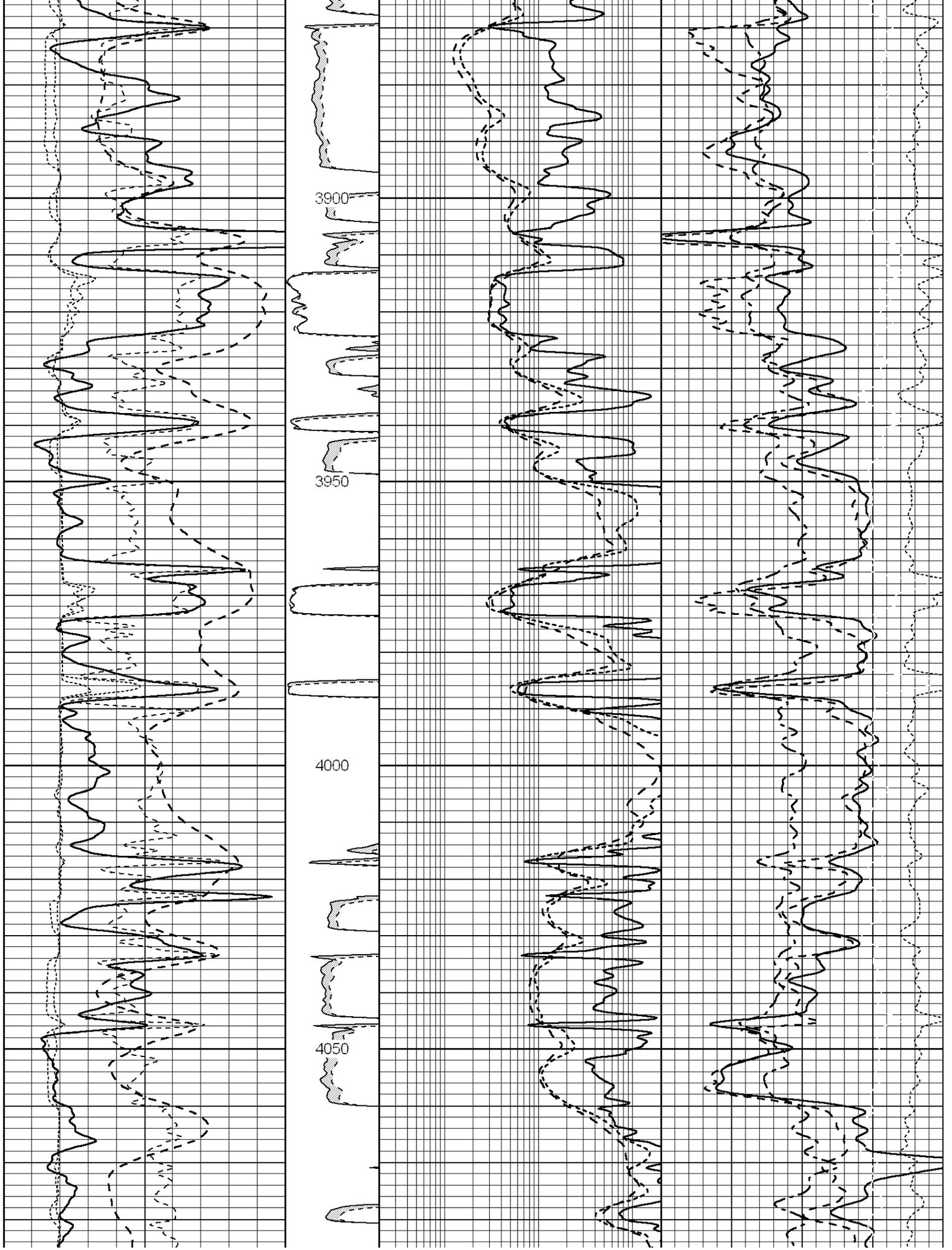
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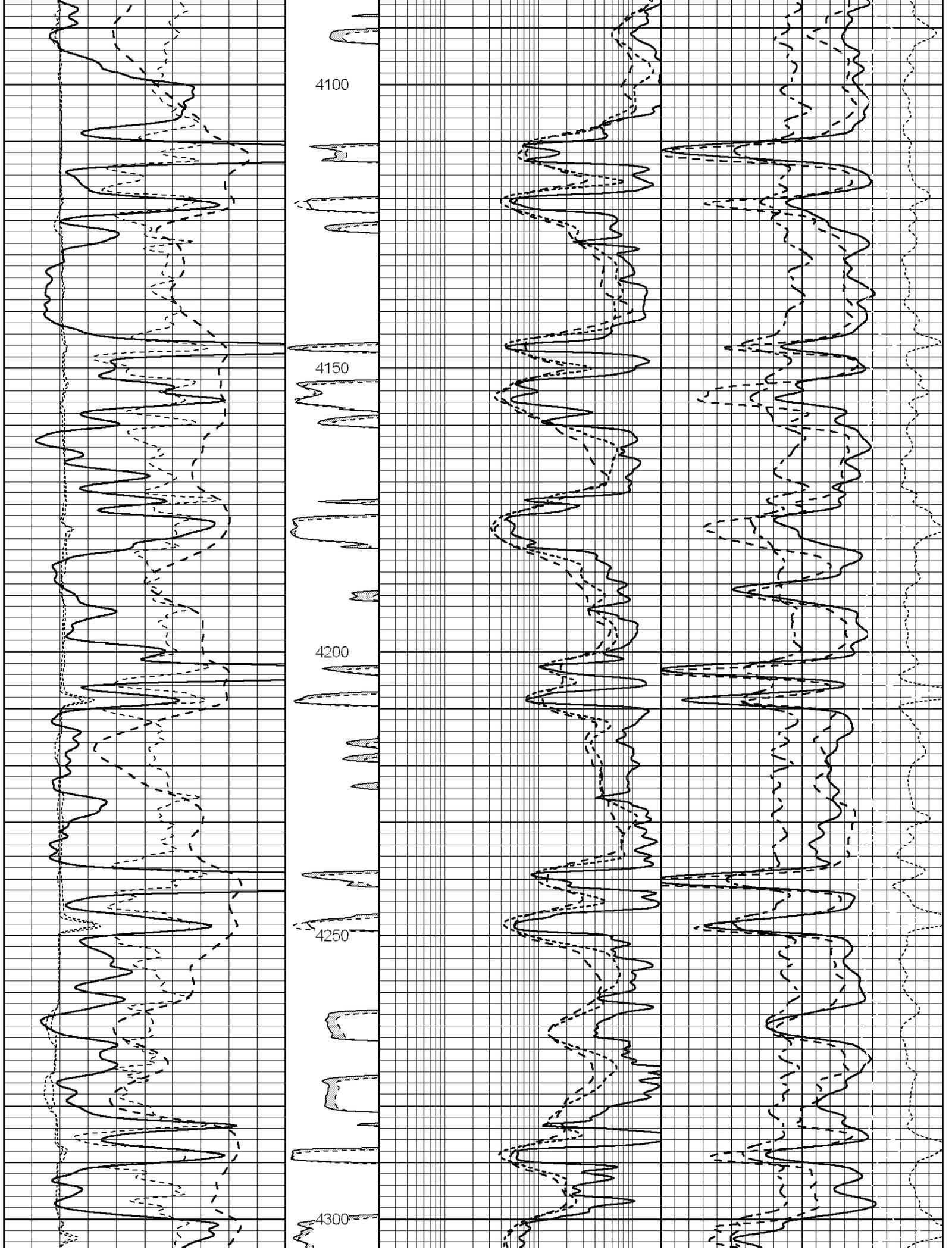
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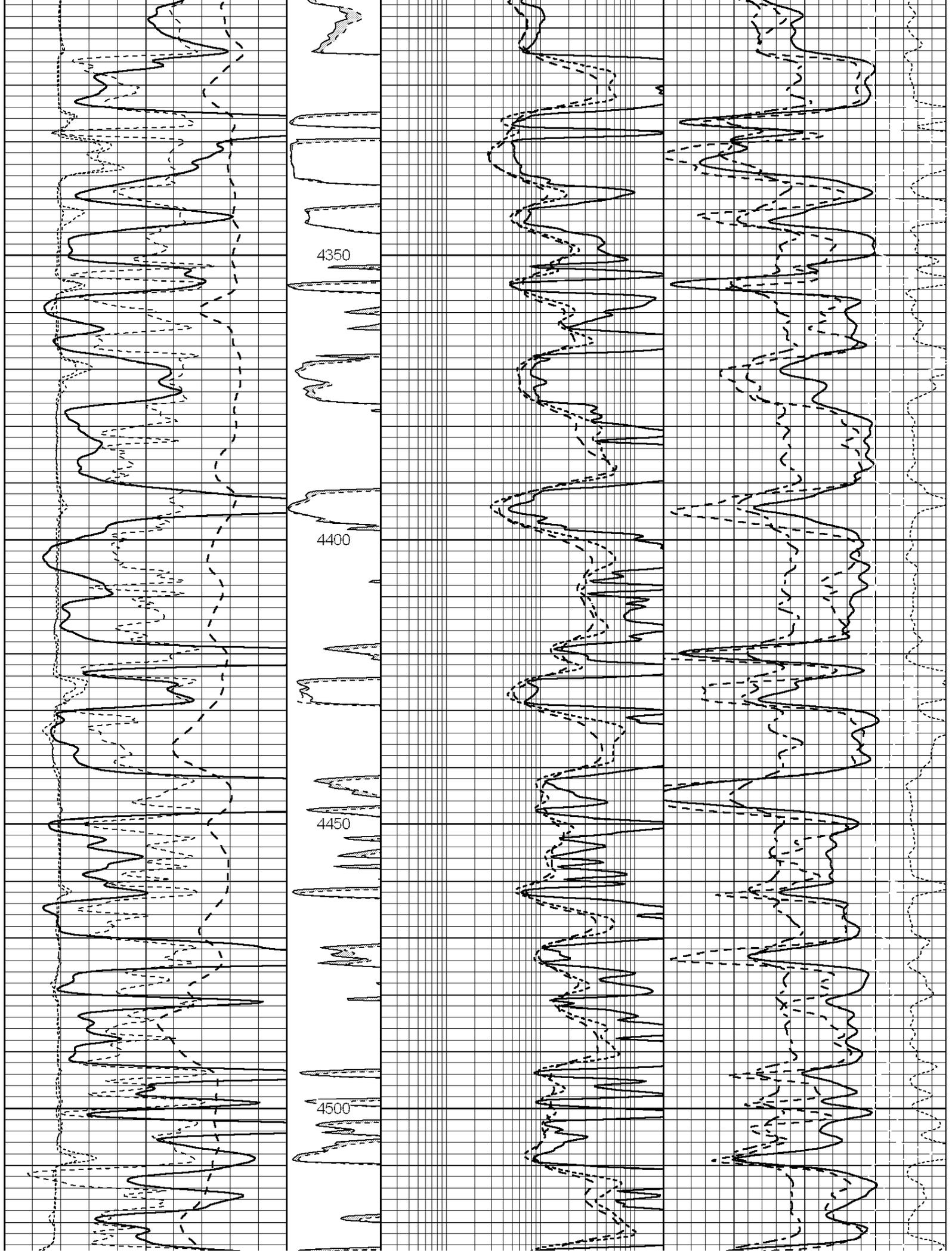
0	Gamma Ray (GAPI)	150	MEL15	0.2	Deep Resistivity (Ohm-m)	200	30	CN Porosity (pu)	-10	
-100	SP (mV)	100	(Ohm-m)	0.2	Medium Resistivity (Ohm-m)	200	30	Density Porosity (pu)	-10	
-200	Rxo/Rt	100	0	40	0.2	Shallow Resistivity (Ohm-m)	200	0	PE	10
6	DCAL (in)	16	MEL20					RHOC		
6	MELCAL (in)	16	(Ohm-m)					-0.25 (g/cc)	0.25	
			0	40						

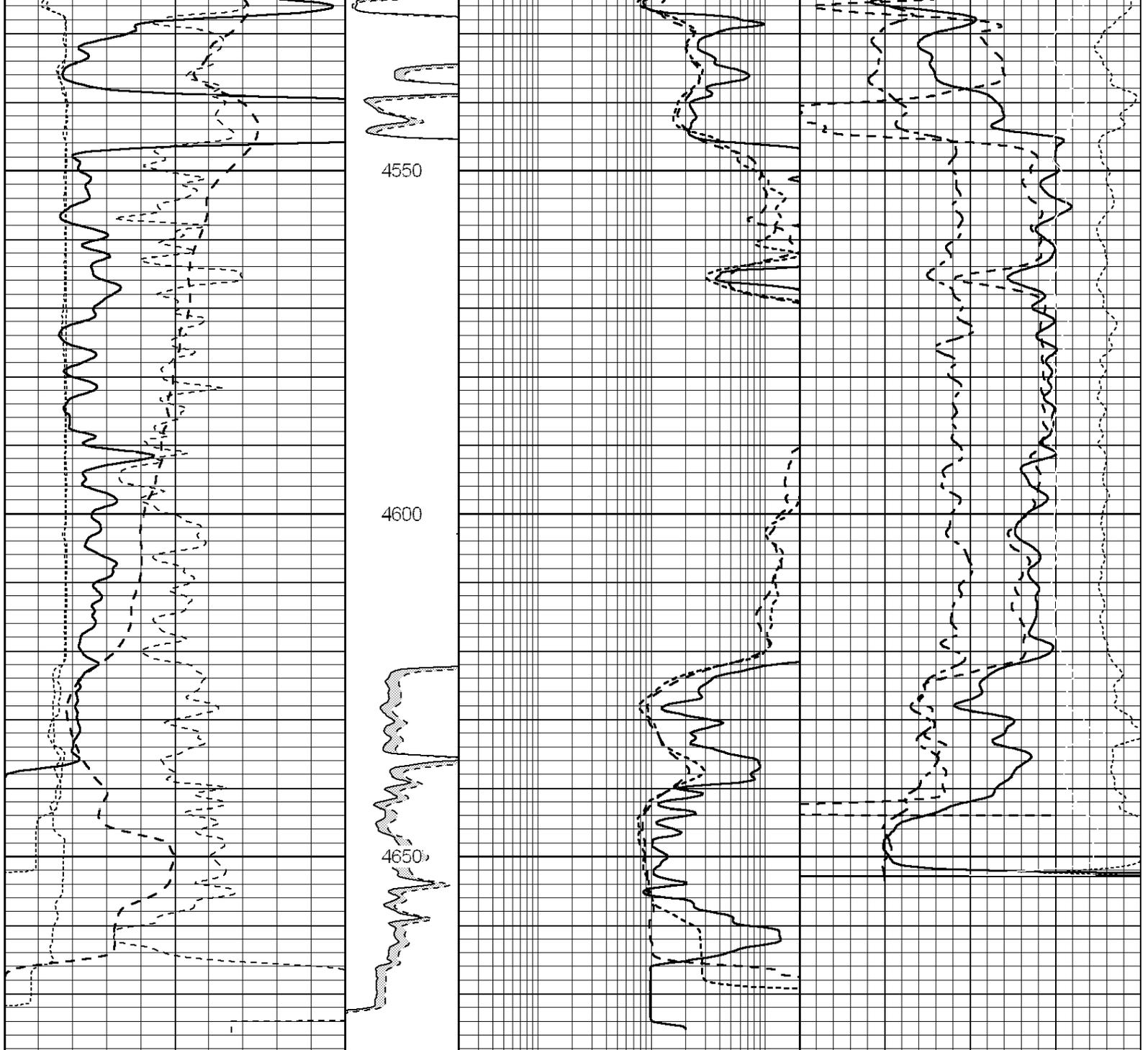












0	Gamma Ray (GAPI)	150	MEL15	0.2	Deep Resistivity (Ohm-m)	200	30	CN Porosity (pu)	-10
-100	SP (mV)	100	(Ohm-m)	0.2	Medium Resistivity (Ohm-m)	200	30	Density Porosity (pu)	-10
-200	RxoRt	100	0 40	0.2	Shallow Resistivity (Ohm-m)	200	0	PE	10
6	DCAL (in)	16	MEL20					RHOC	
6	MELCAL (in)	16	(Ohm-m)					-0.25 (g/cc)	0.25
			0 40						