



**SUPERIOR
Hays,
Kansas**

**COMPENSATED
DENSITY / NEUTRON
LOG**

Company	RAYMOND OIL COMPANY, INC.		
Well	NUSS #1		
Field	WILDCAT		
County	LOGAN	State	KANSAS
Location:	API # : 15-109-21053-0000 1420' FSL & 1980' FWL		Other Services DIL/MEL
SEC 35 TWP 13S RGE 32W		Elevation	
Permanent Datum	GROUND LEVEL	Elevation	2872
Log Measured From	KELLY BUSHING 5' A.G.L.	D.F.	2875
Drilling Measured From	KELLY BUSHING	G.L.	2872
Date	3-15-12		
Run Number	ONE		
Depth Driller	4720		
Depth Logger	4721		
Bottom Logged Interval	4697		
Top Log Interval	3450		
Casing Driller	257		
Casing Logger			
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.3 / 51	CHLORIDES 4, 200	
pH / Fluid Loss	9.5 / 10.4		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.60 @ 87F		
Rmf @ Meas. Temp	0.45 @ 87F		
Rmc @ Meas. Temp	0.72 @ 87F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	0.43 @ 122F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	122F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	JEFF GRONEWEG		
Witnessed By	KIM SHOEMAKER		

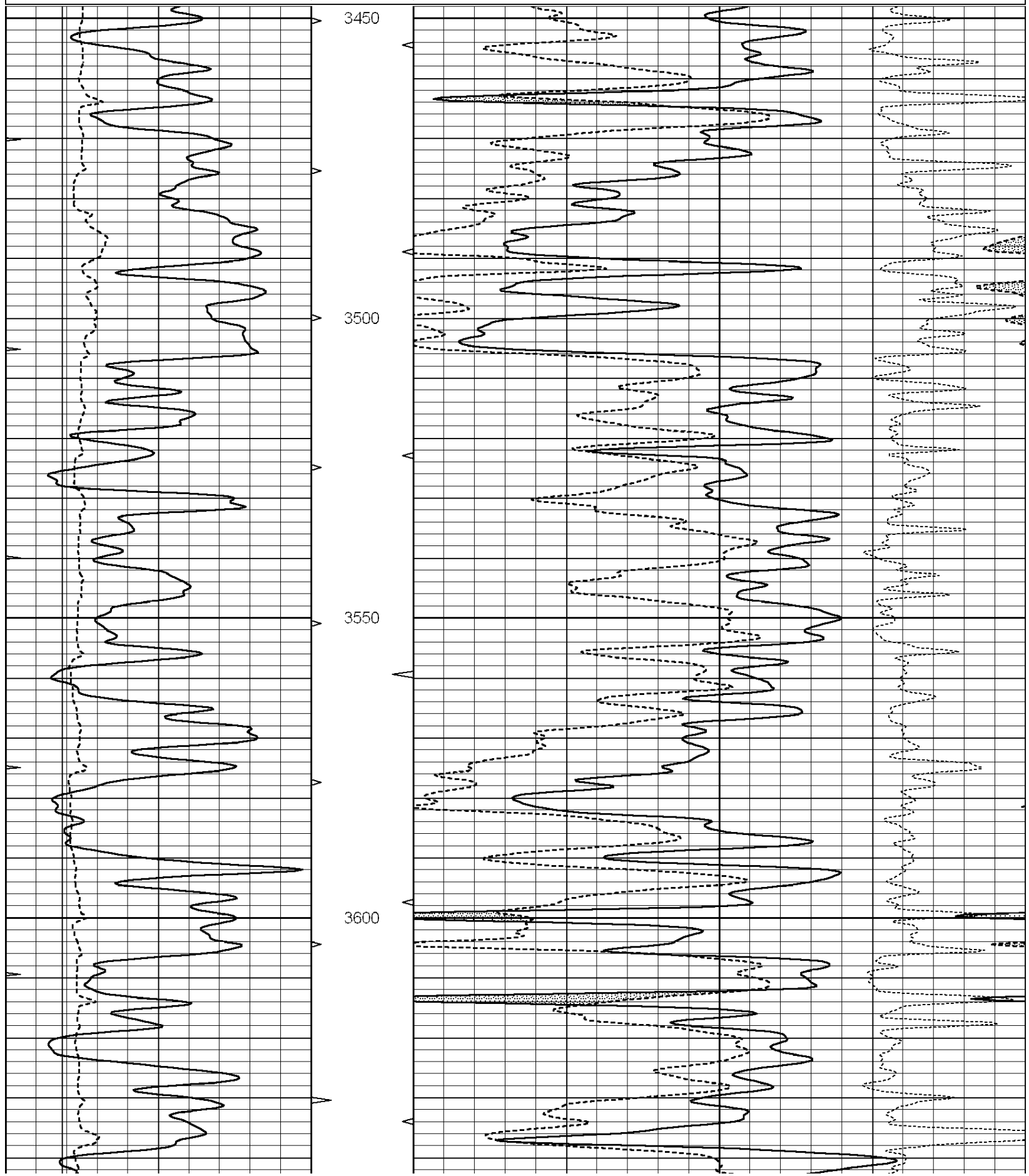
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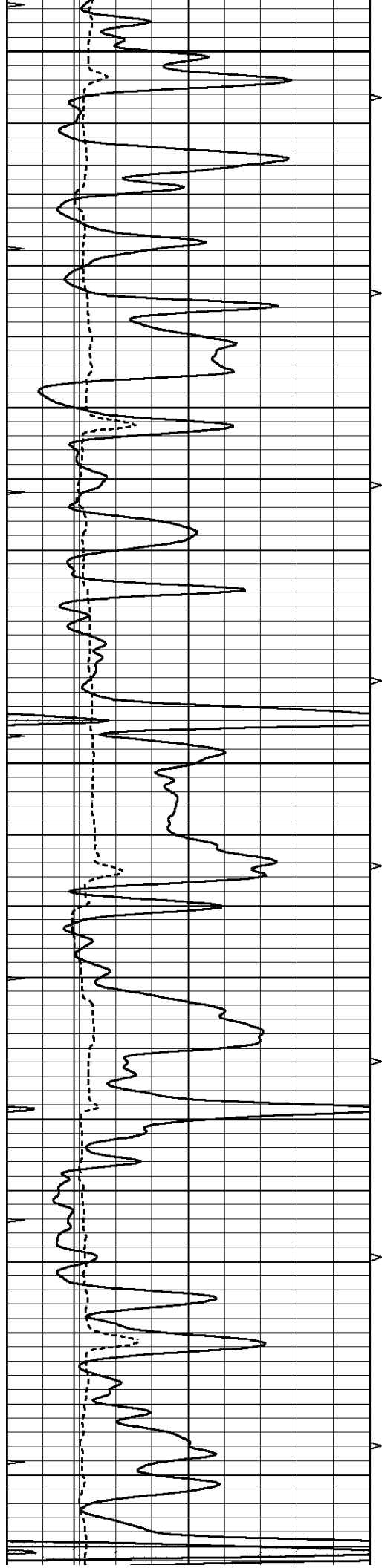
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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

SUPERIOR WELL SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: OAKLEY, KS - 16 MILES SOUTH TO NAVAJO RD - 1/2 MILE EAST
SOUTH INTO

0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3)	0 30	COMPENSATED NEUTRON (pu)	-10
0	MINMK	20	TBHV		-0.25 CORRECTION (g/cc)	0.25
			0 (ft3)	10		





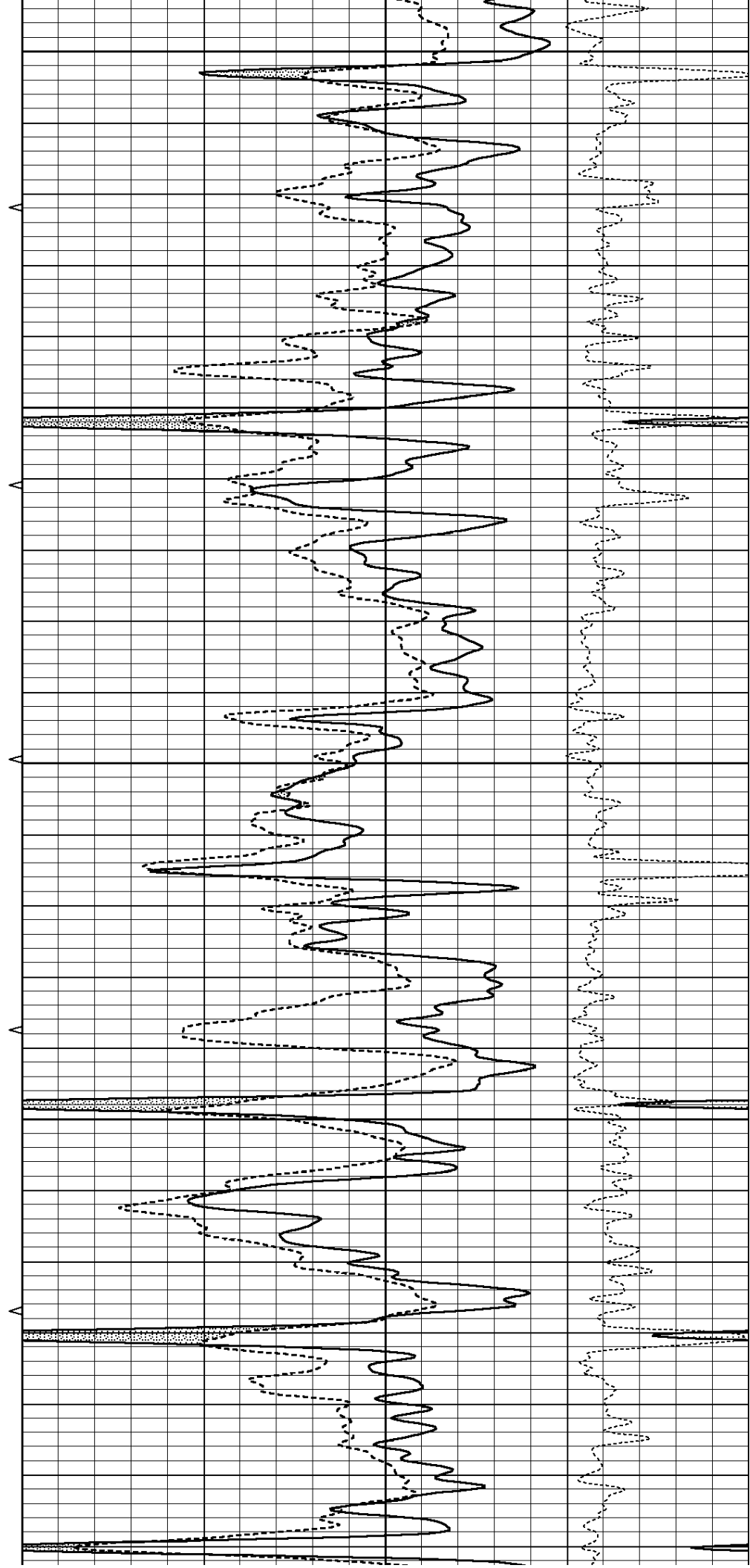
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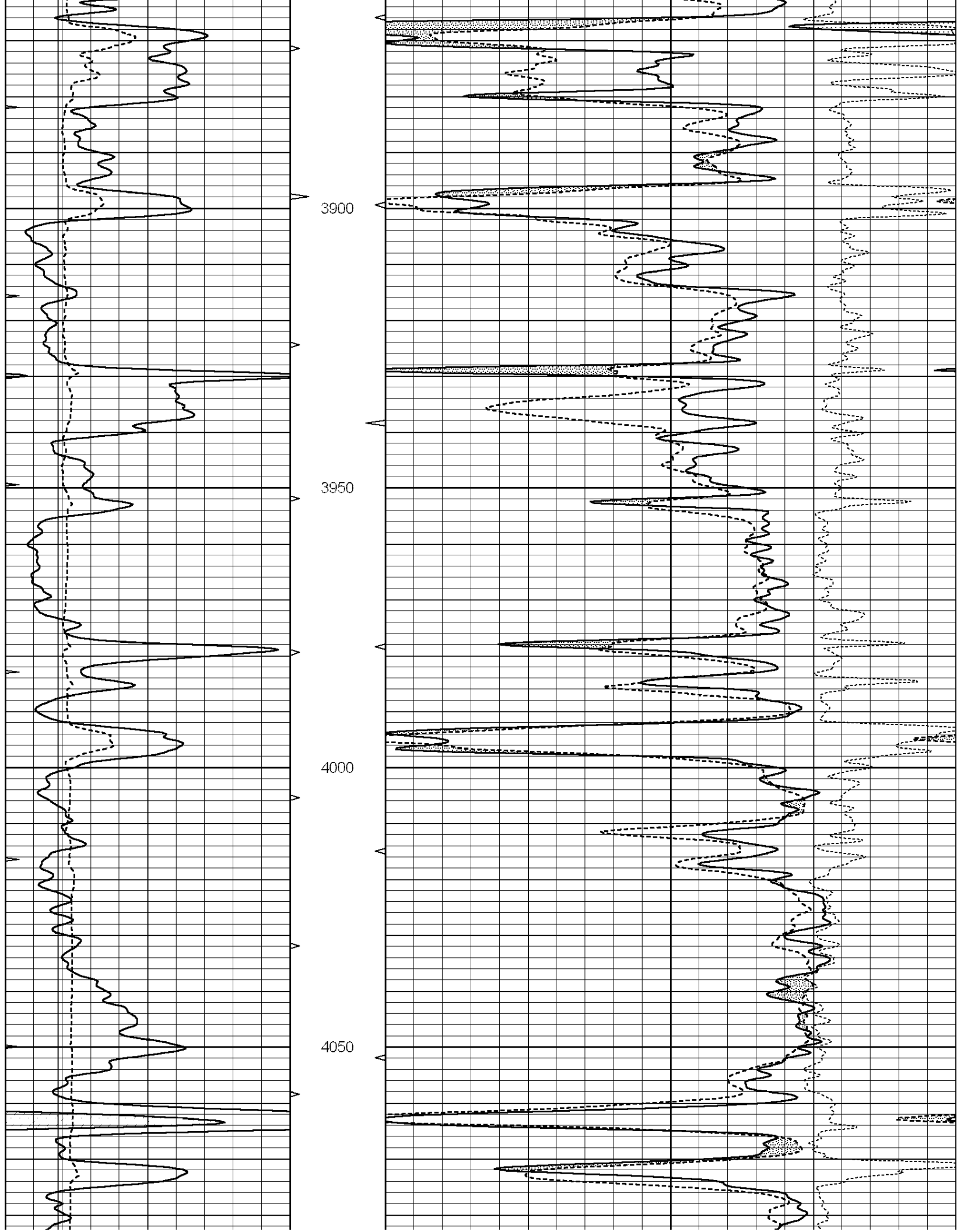
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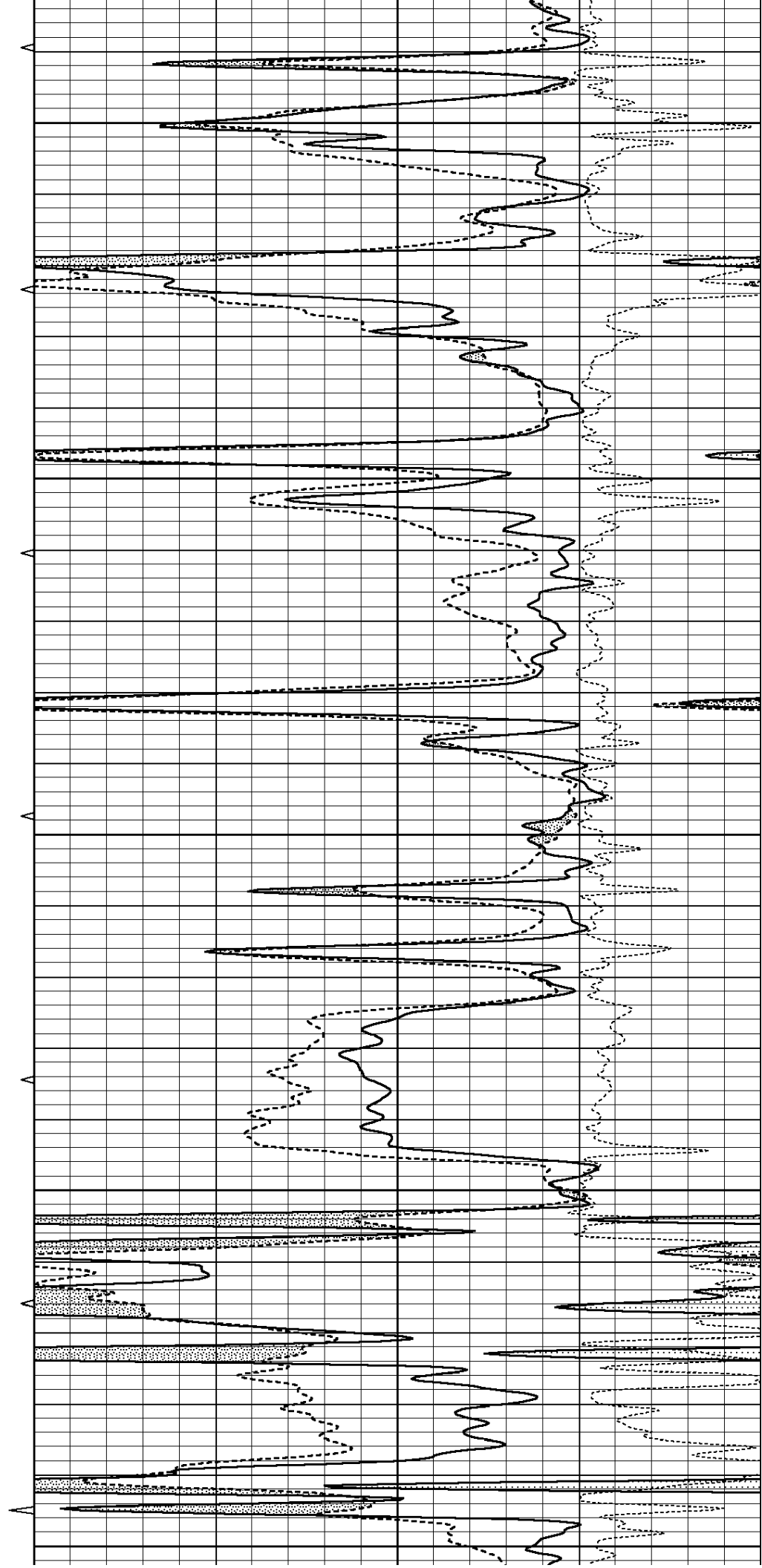
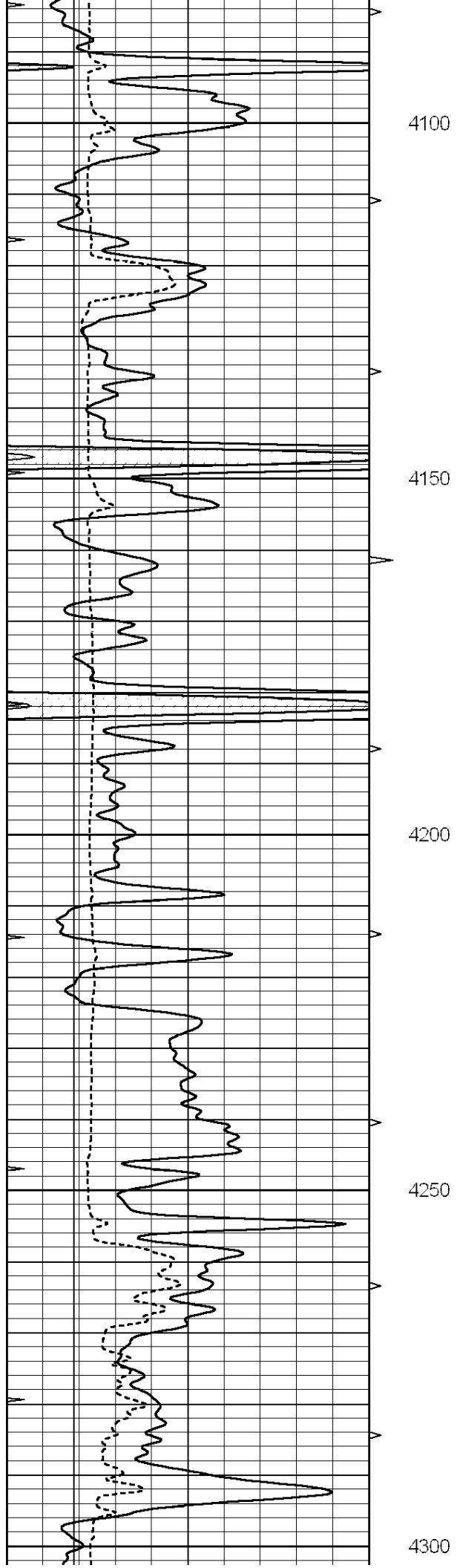
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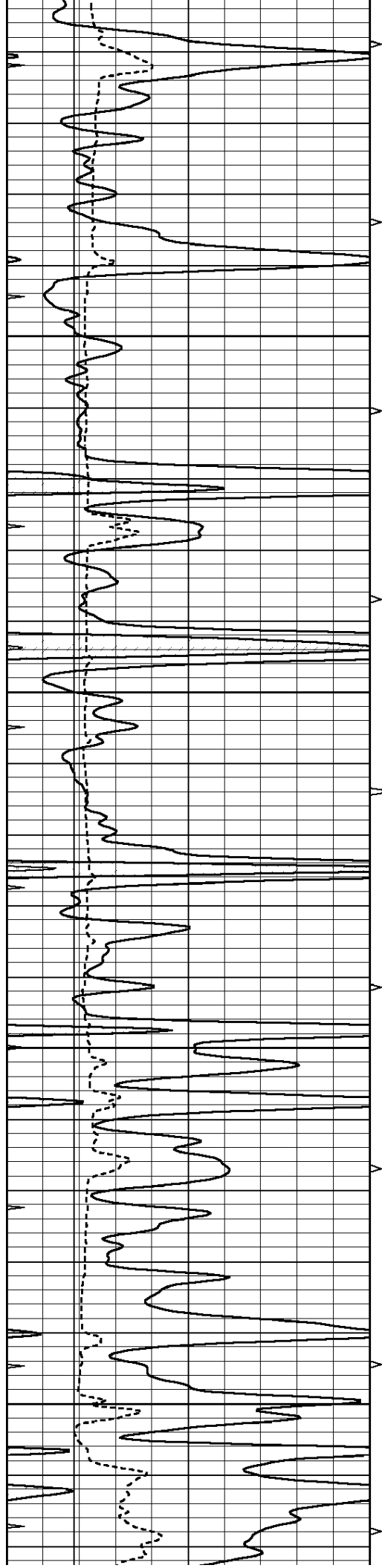
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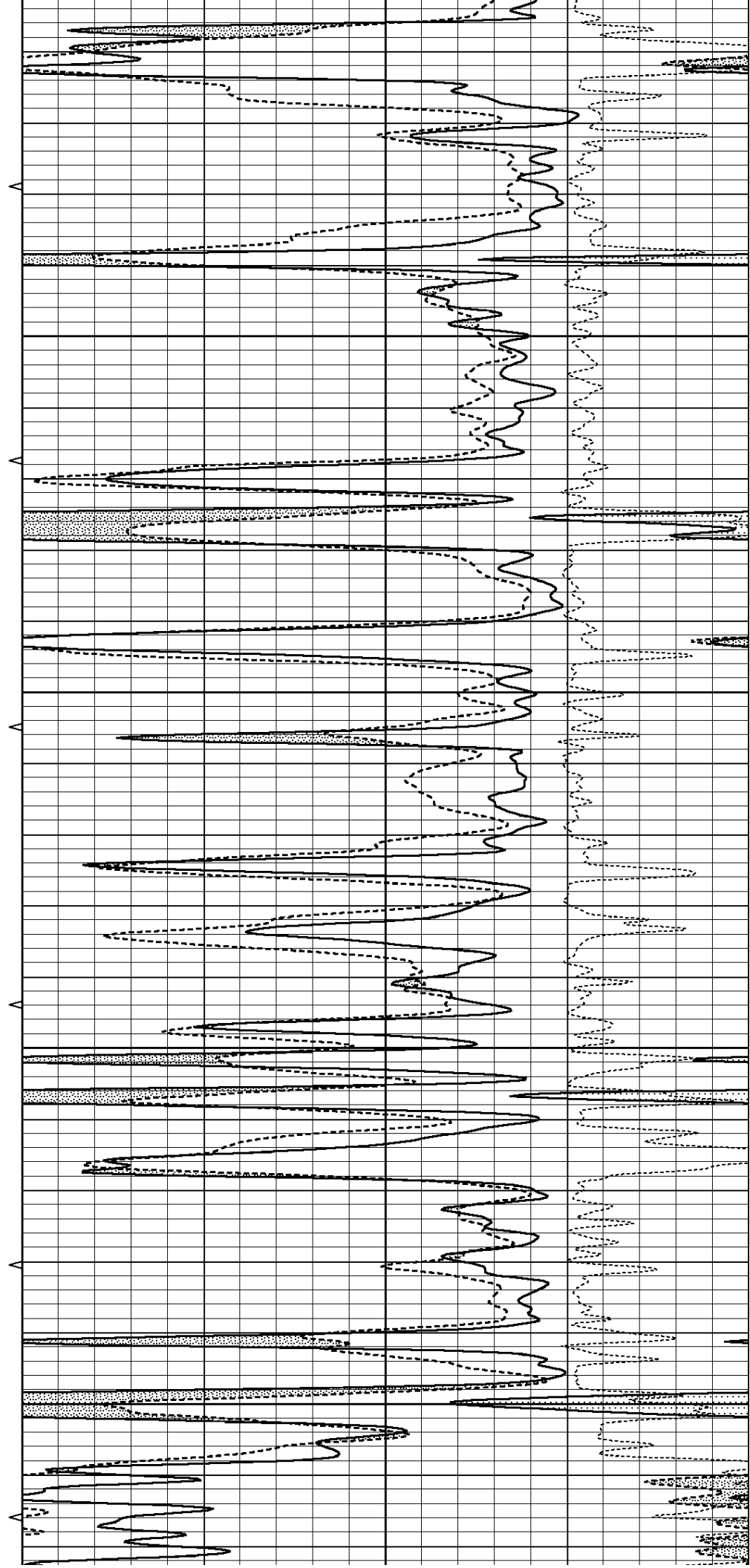


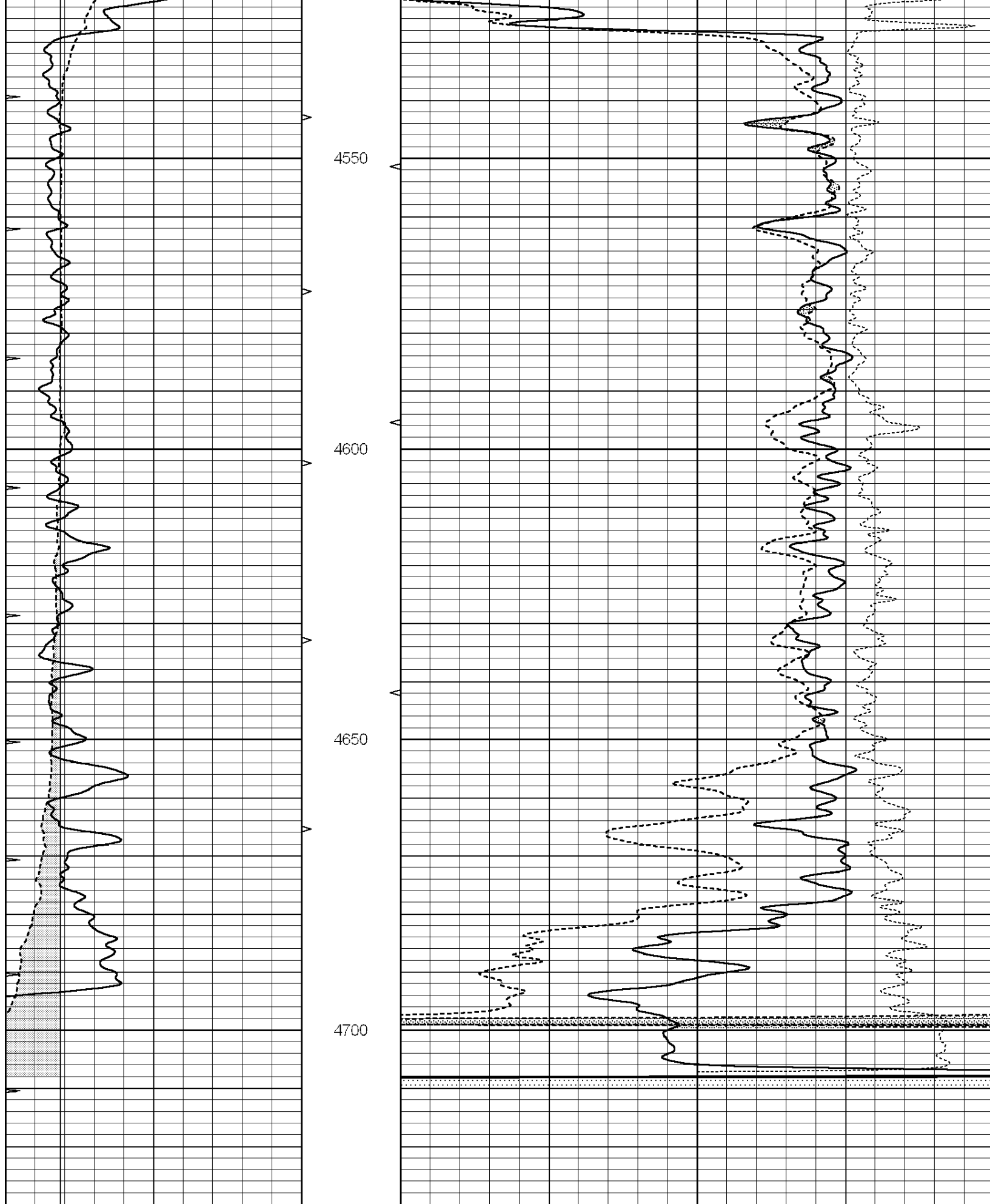
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0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3)	0 30	COMPENSATED NEUTRON (pu)	-10
0	MINIMK	20	TRHV	0 25	CORRECTION (elec)	0 25

0	MINIMUM	20	TEMP	0.20	CORRECTION (g/cc)	0.20
			0 (ft3) 10			