



**COMPLETION
& PRODUCTION
SERVICES CO.**

**RADIATION
GUARD LOG**

Company	OIL COMPANY OF AMERICA, INC.		
Well	TS LEIKER #5A		
Field	LEIKER EAST		
County	ELLIS	State	KANSAS
Location:	API # : 15-051-26567-0000		Other Services
2970' FSL & 3044' FEL W/2 - SE - SE - NW			
SEC 13 TWP 15S RGE 18W		Elevation	
Permanent Datum	GROUND LEVEL	Elevation	1994
Log Measured From	KELLY BUSHING 7' A.G.L.	D.F.	1999
Drilling Measured From	KELLY BUSHING	G.L.	1994
Date	8-7-13		
Run Number	ONE		
Depth Driller	3620		
Depth Logger	3621		
Bottom Logged Interval	3620		
Top Log Interval	00		
Casing Driller	1159		
Casing Logger	1158		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	8.8 / 55	CHLORIDES 3,500 PPM	
pH / Fluid Loss	10.5 / 6.0		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.80 @ 84F		
Rmf @ Meas. Temp	0.60 @ 84F		
Rmc @ Meas. Temp	0.45 @ 84F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	0.59 @ 113F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	113F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	JEFF GRONEWEG		
Witnessed By	ROGER MOSES	DARRELL HERL	

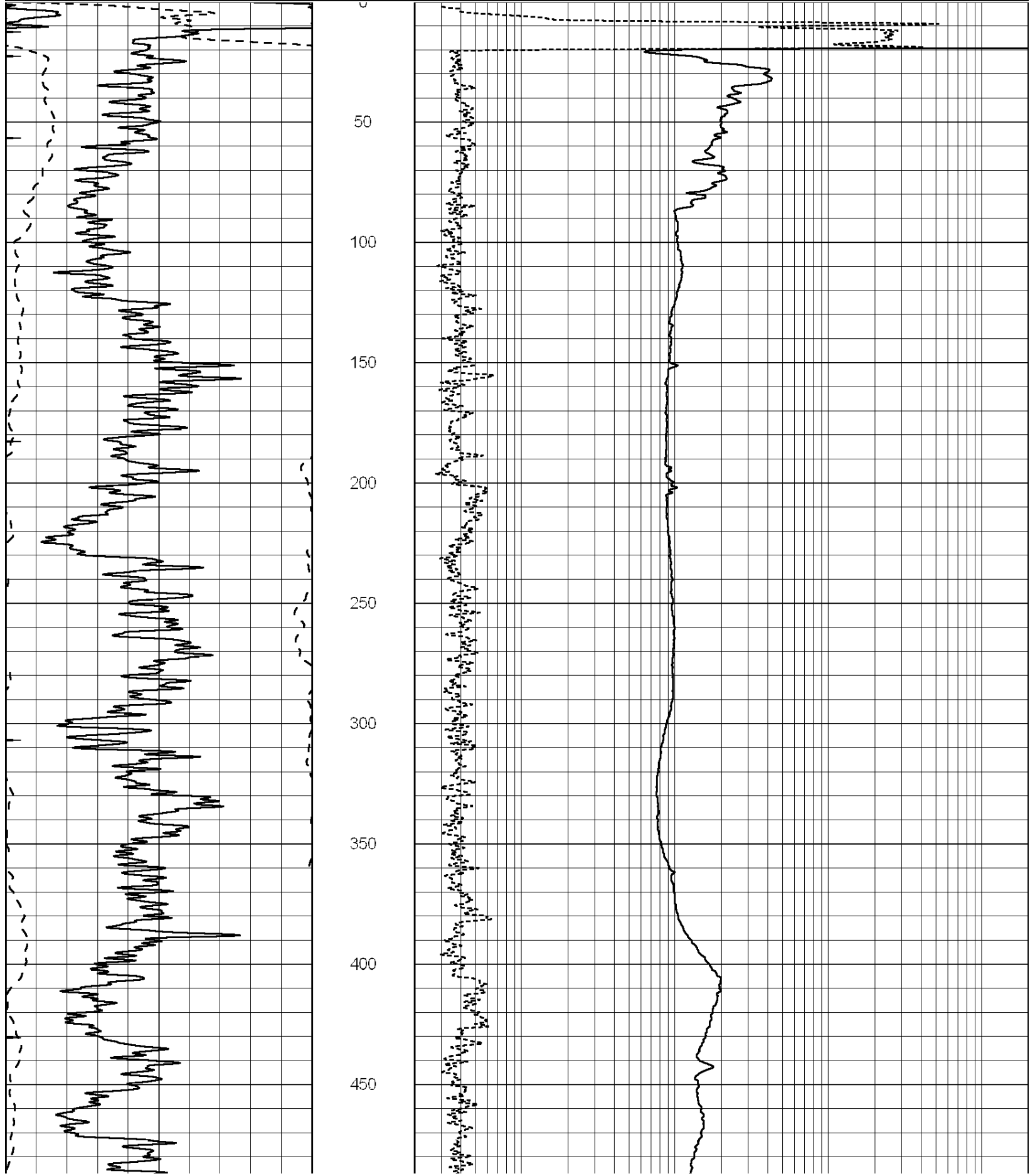
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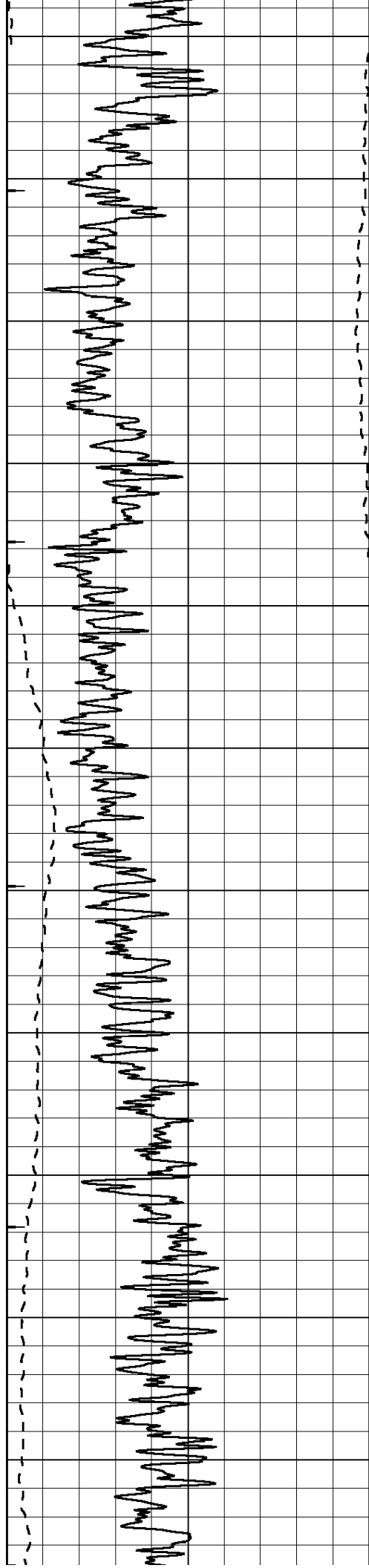
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

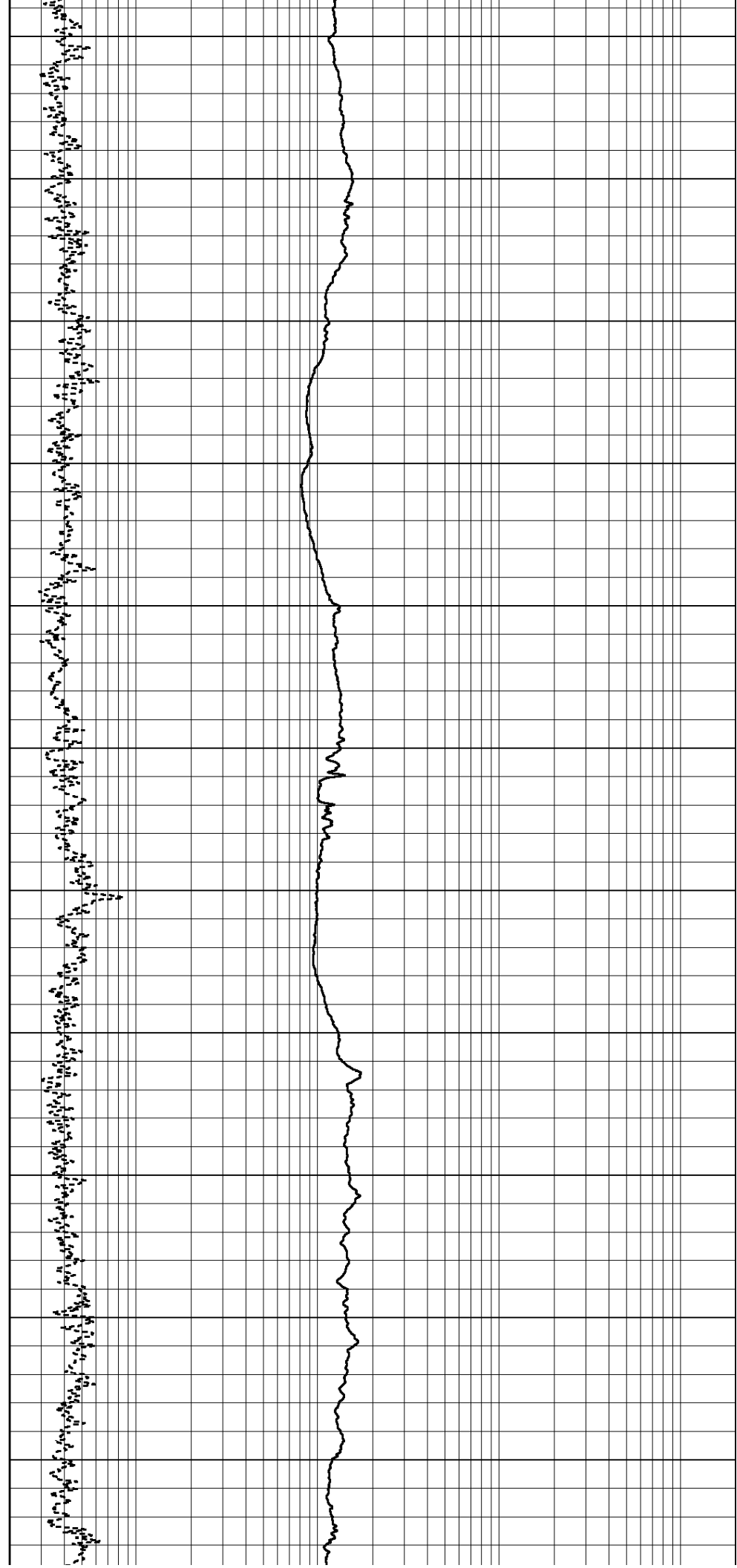
NABORS COMPLETION & PRODUCTION SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: HAYS, KS - 6 MILES SOUTH TO NORFOLK RD - 2 1/2 MILES EAST
SOUTH & EAST INTO

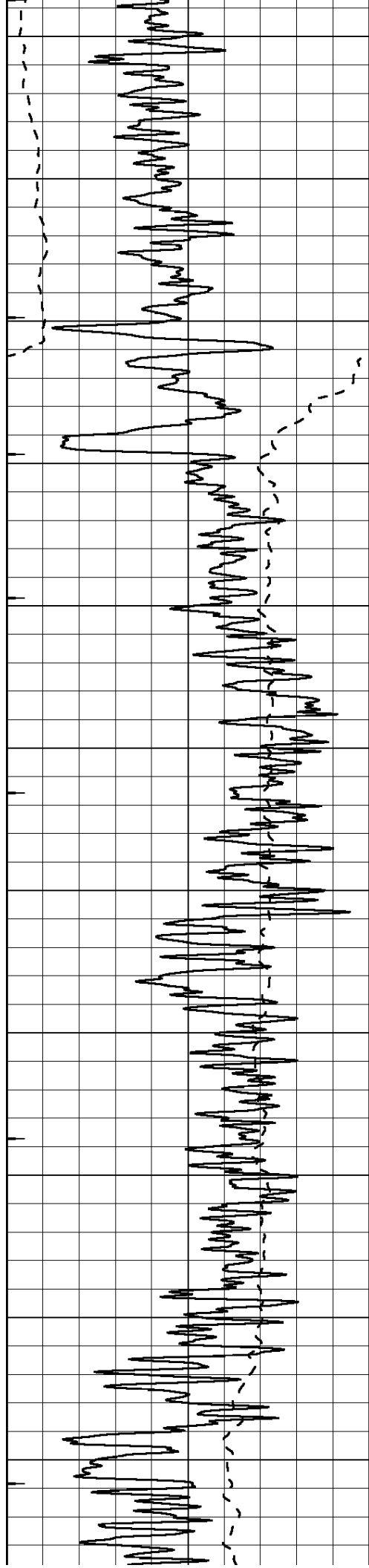
Charted by:			Depth in Feet scaled 1:600			
0	GAMMA RAY (GAPI)	150	ABHV (ft3)	0.2	GUARD (Ohm-m)	2000
-100	SP (mV)	100		0	NEUTRON (NAPI)	1000
-----			TBHV (ft3)	-----		





500
550
600
650
700
750
800
850
900
950
1000





1050

1100

1150

1200

1250

1300

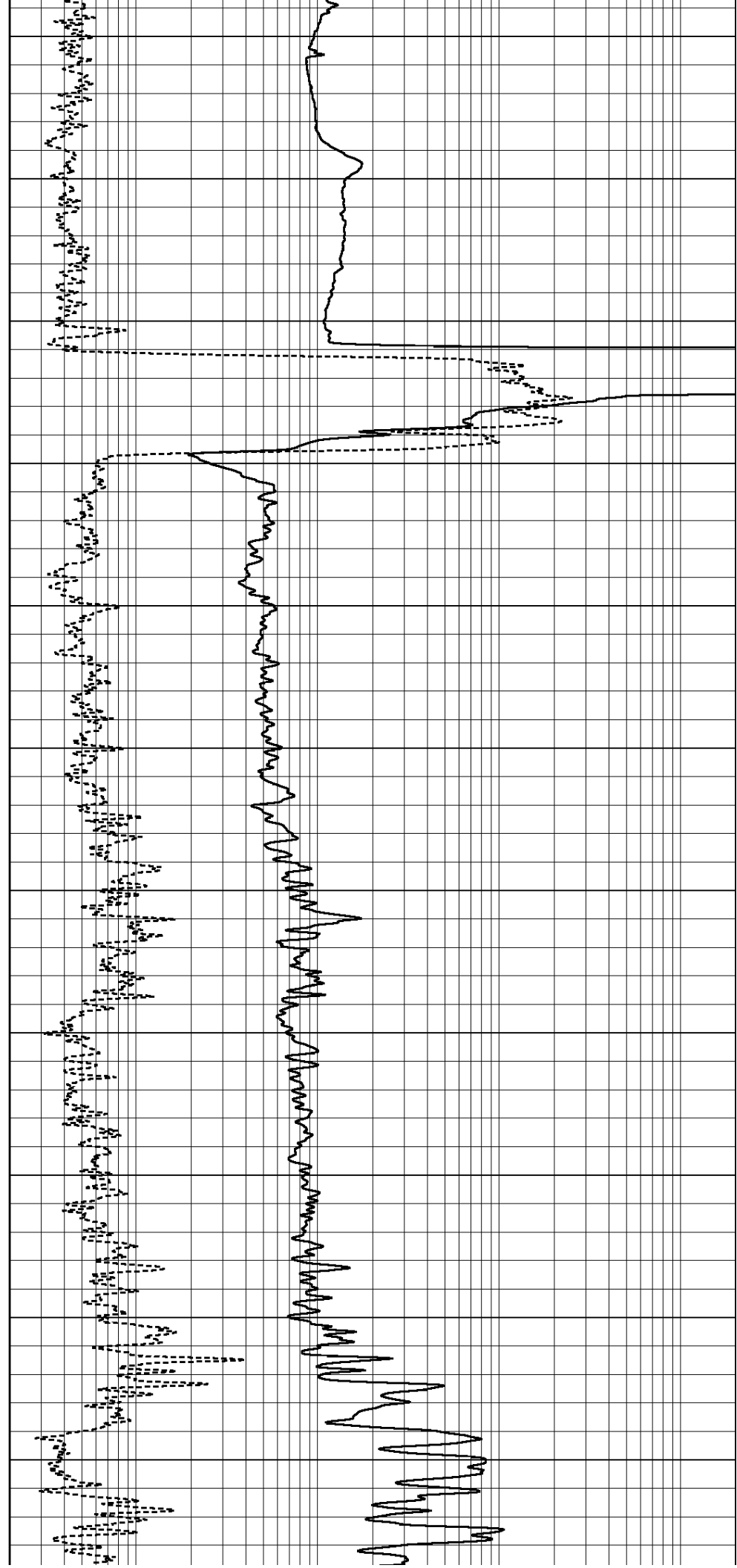
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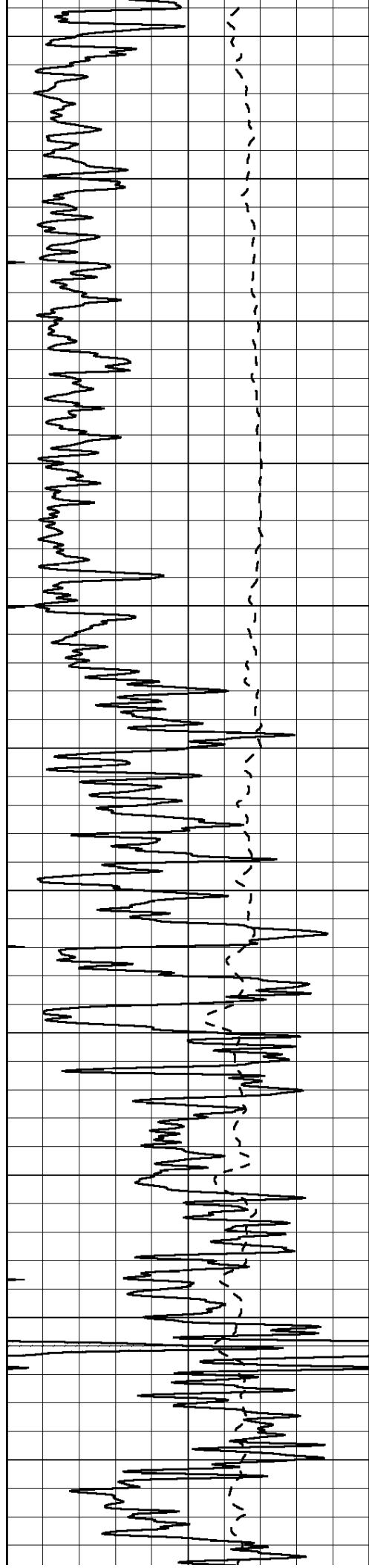
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1450

1500

1550





1600

1650

1700

1750

1800

1850

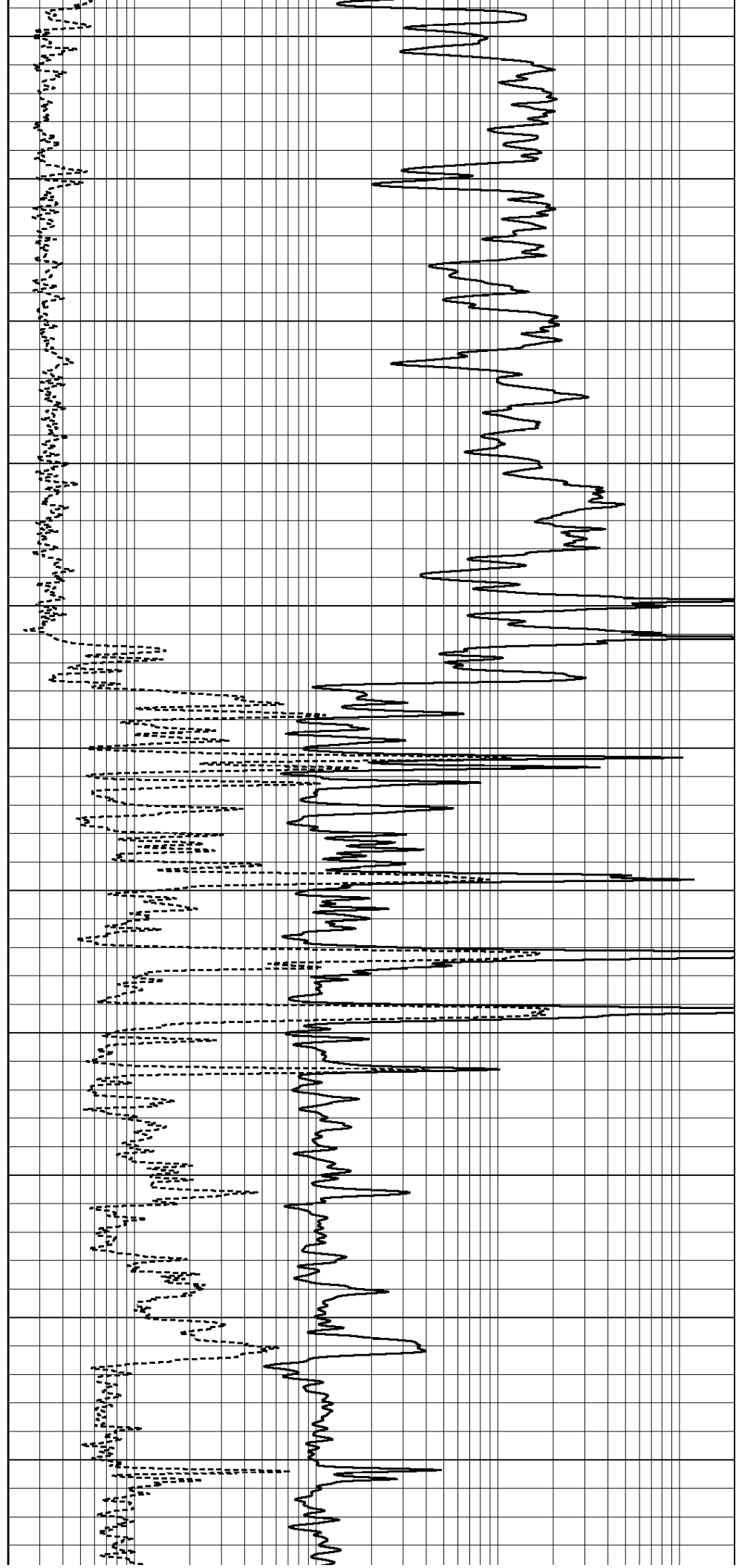
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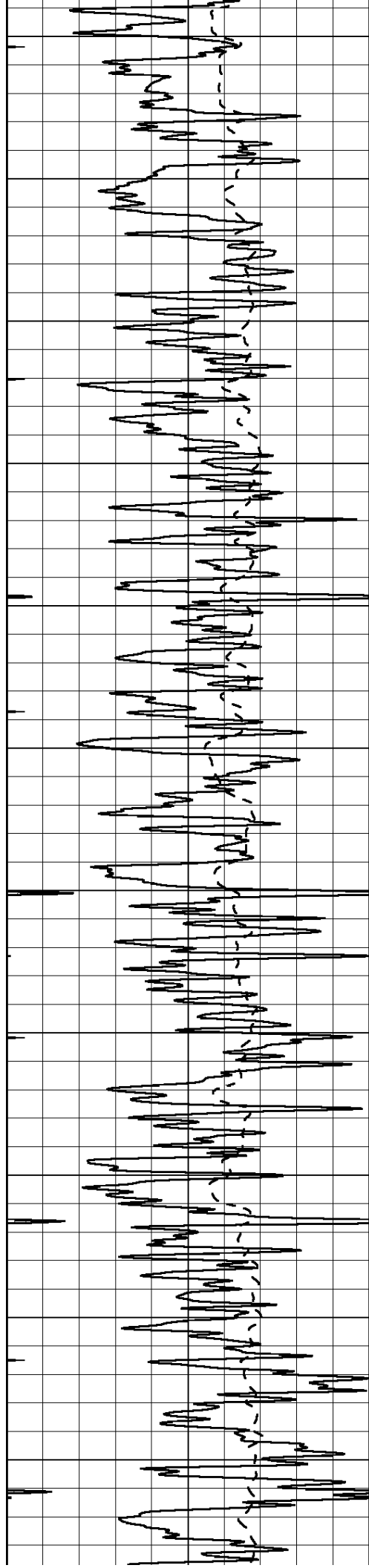
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2000

2050

2100





2150

2200

2250

2300

2350

2400

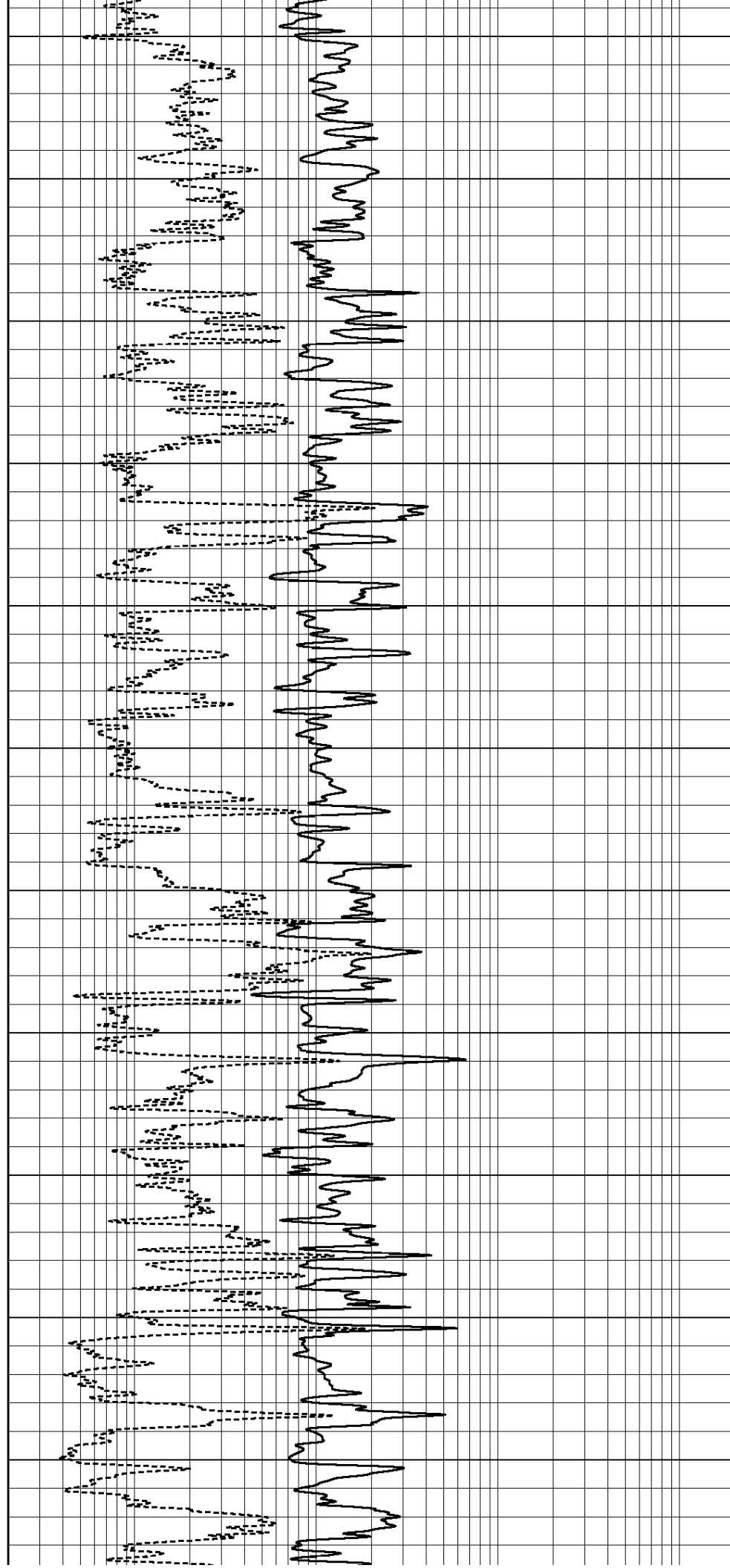
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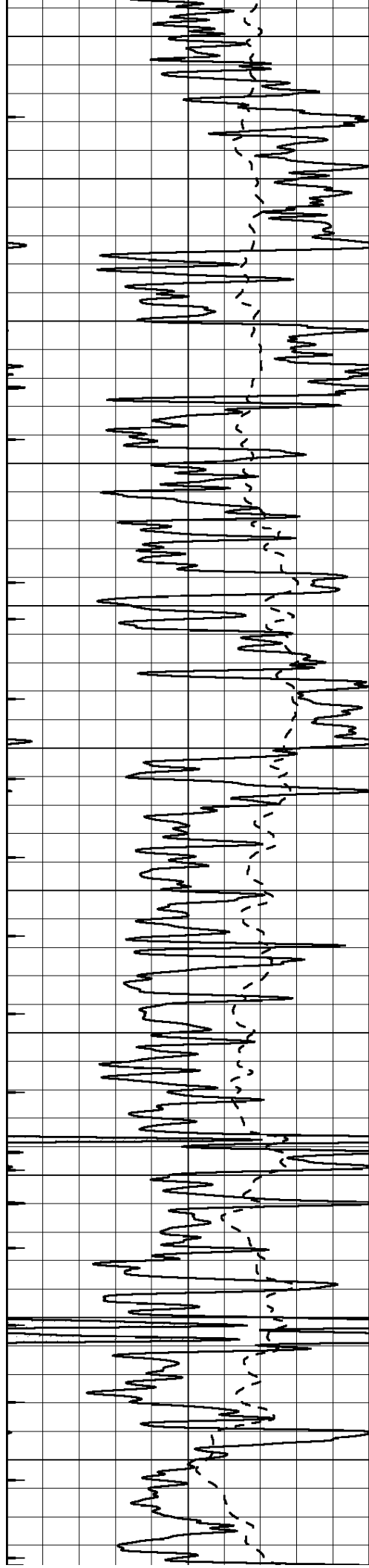
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2600

2650





2700

2750

2800

2850

2900

2950

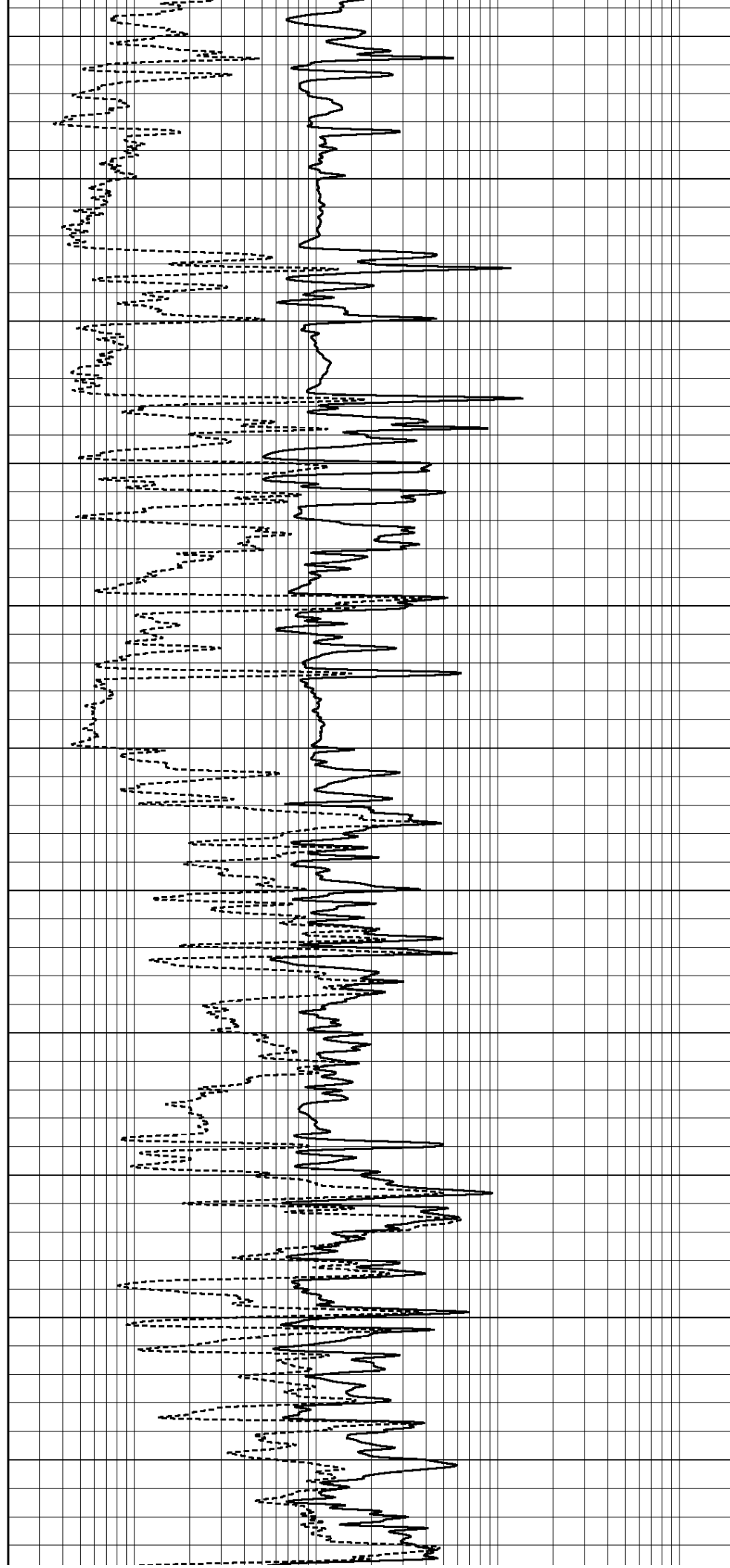
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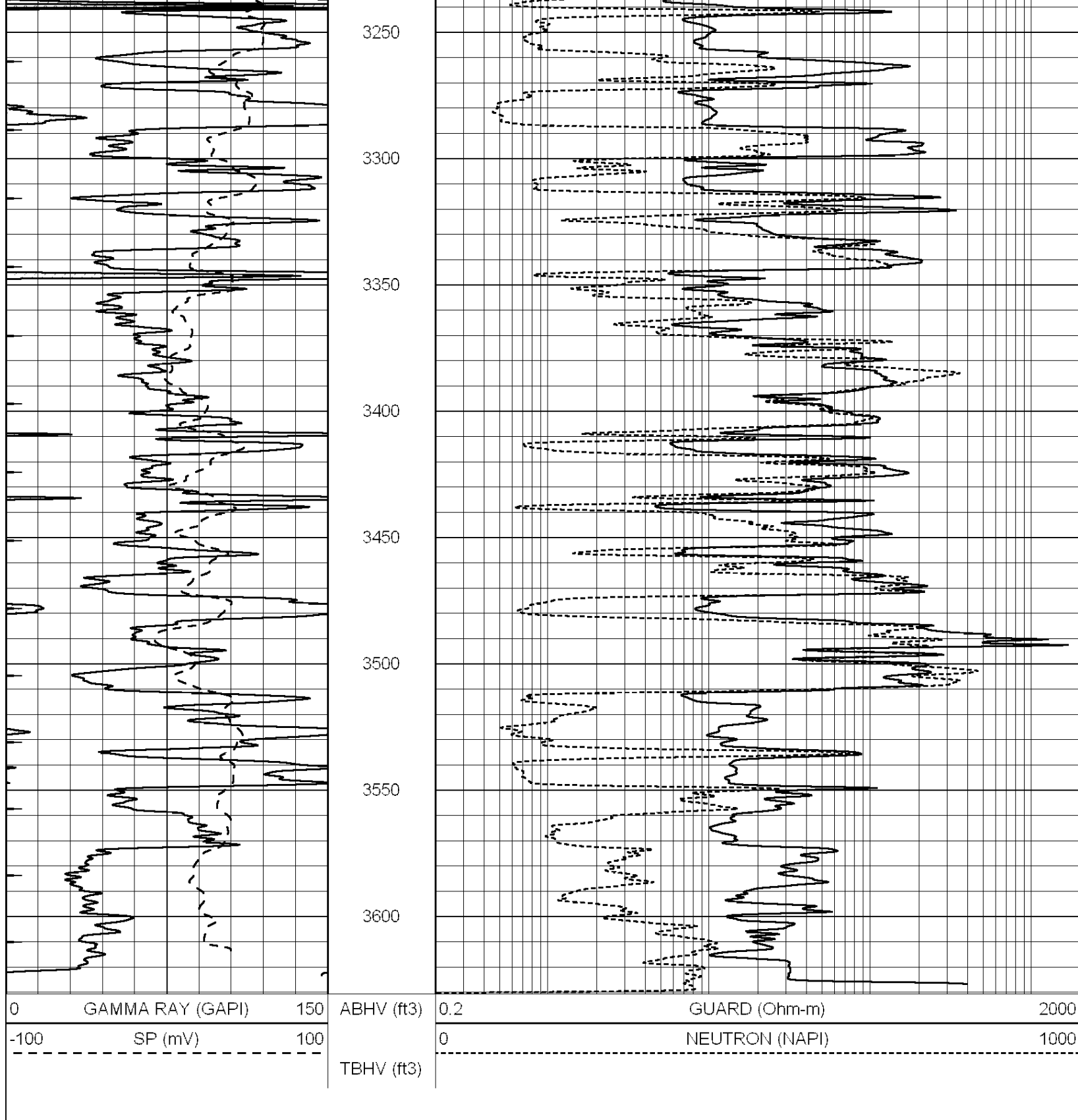
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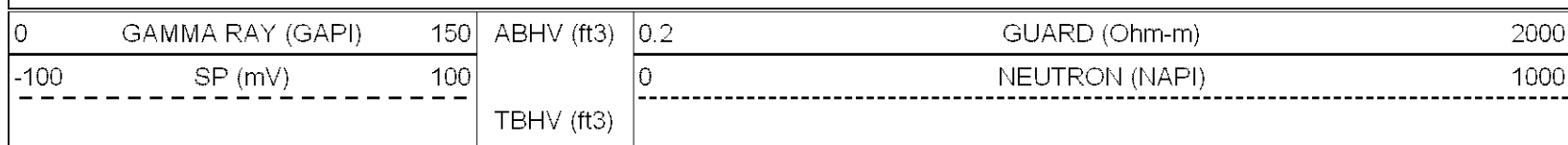
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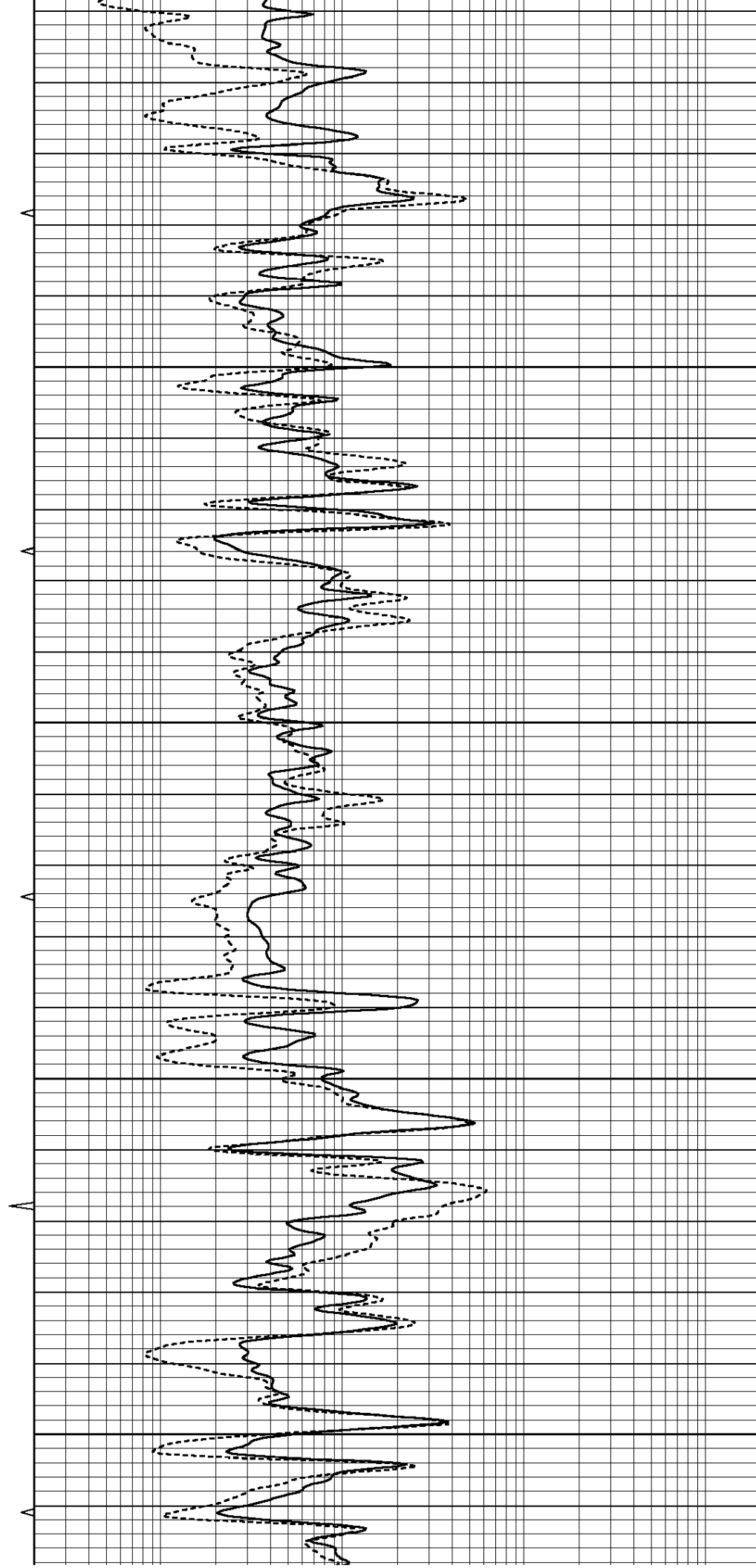
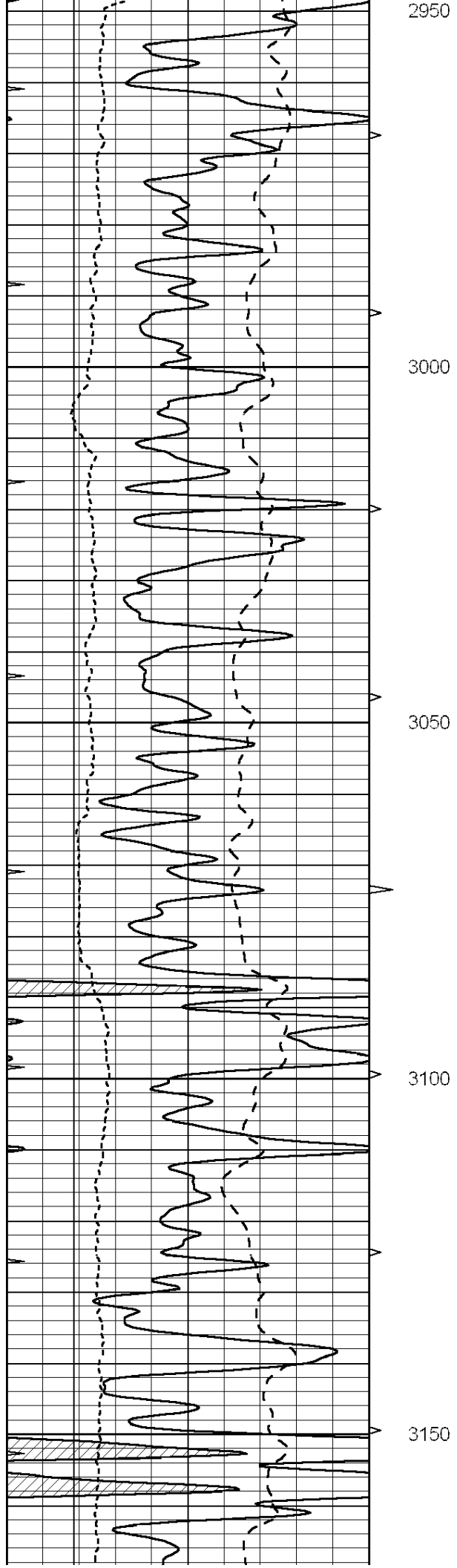
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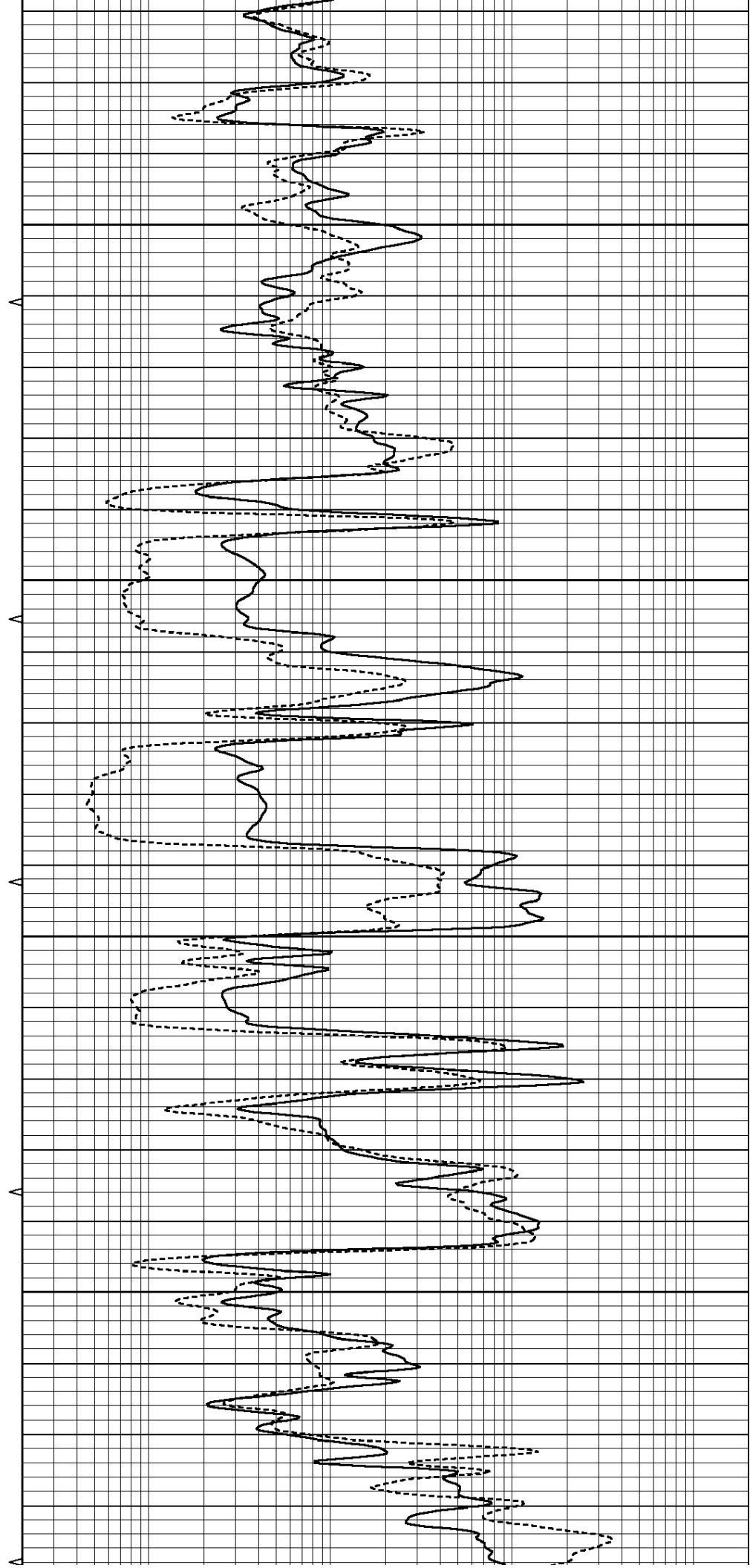
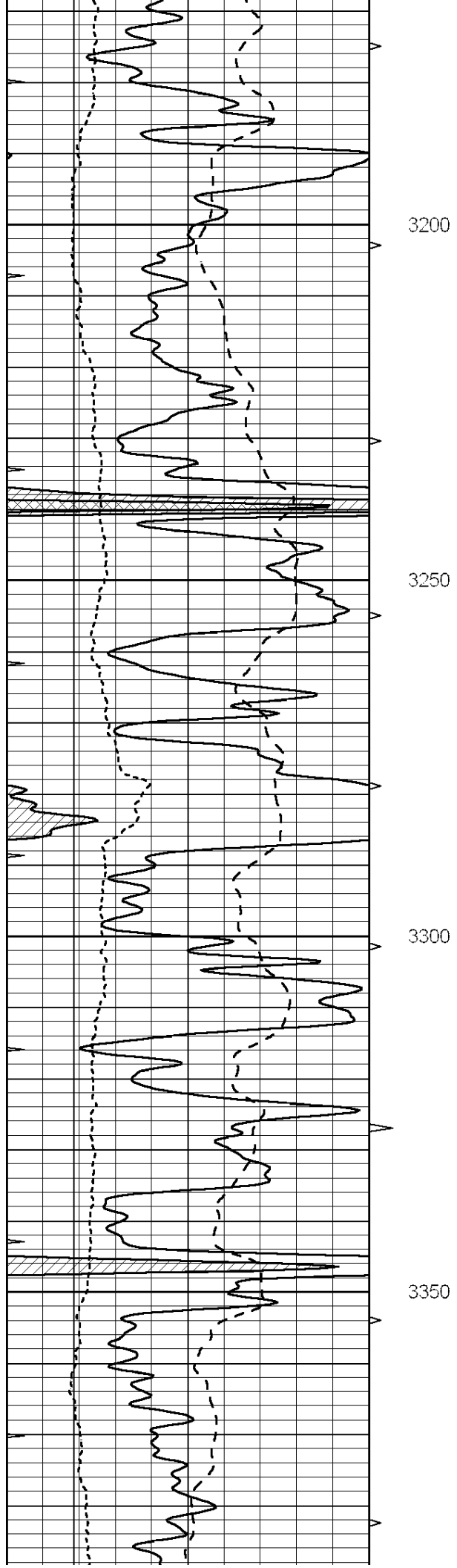


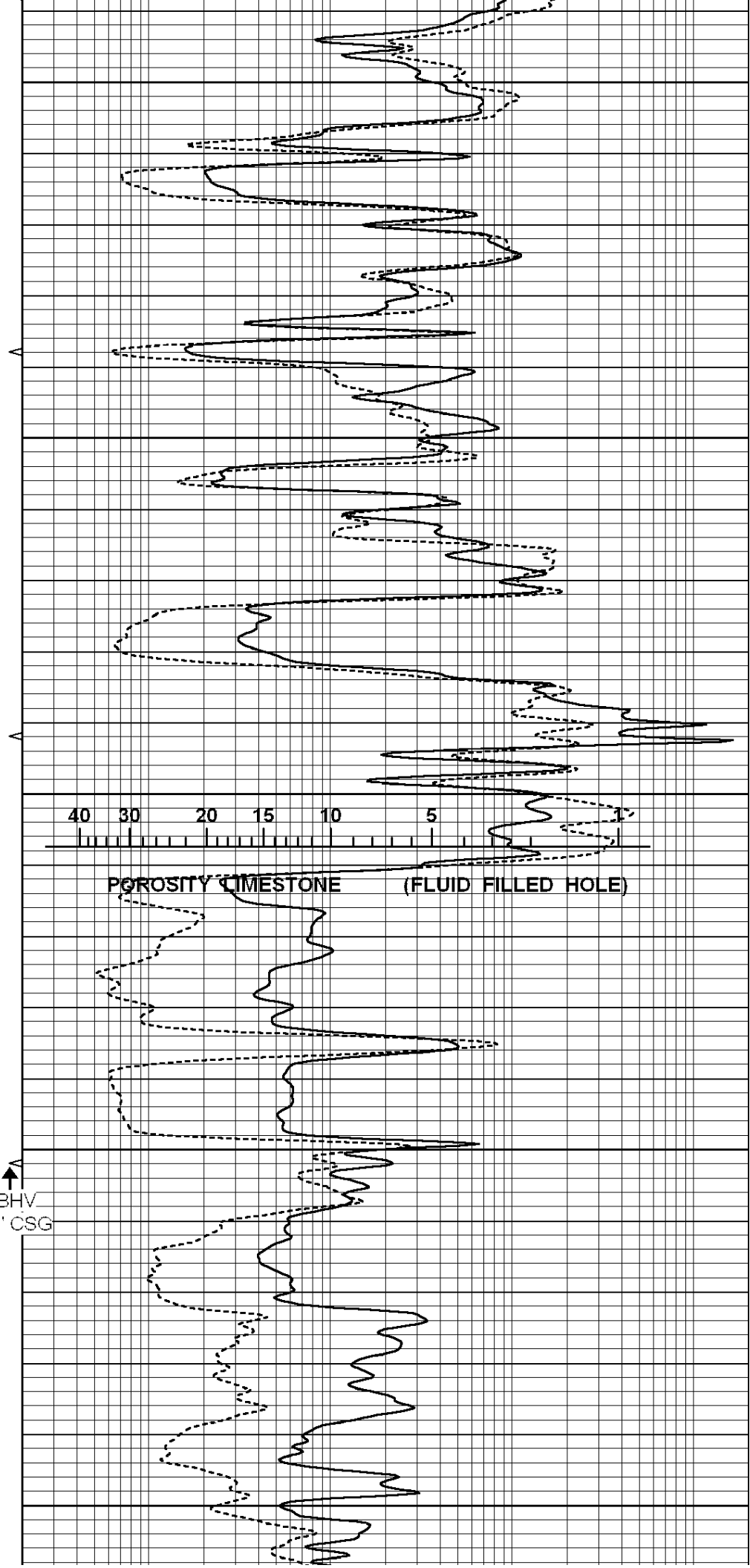
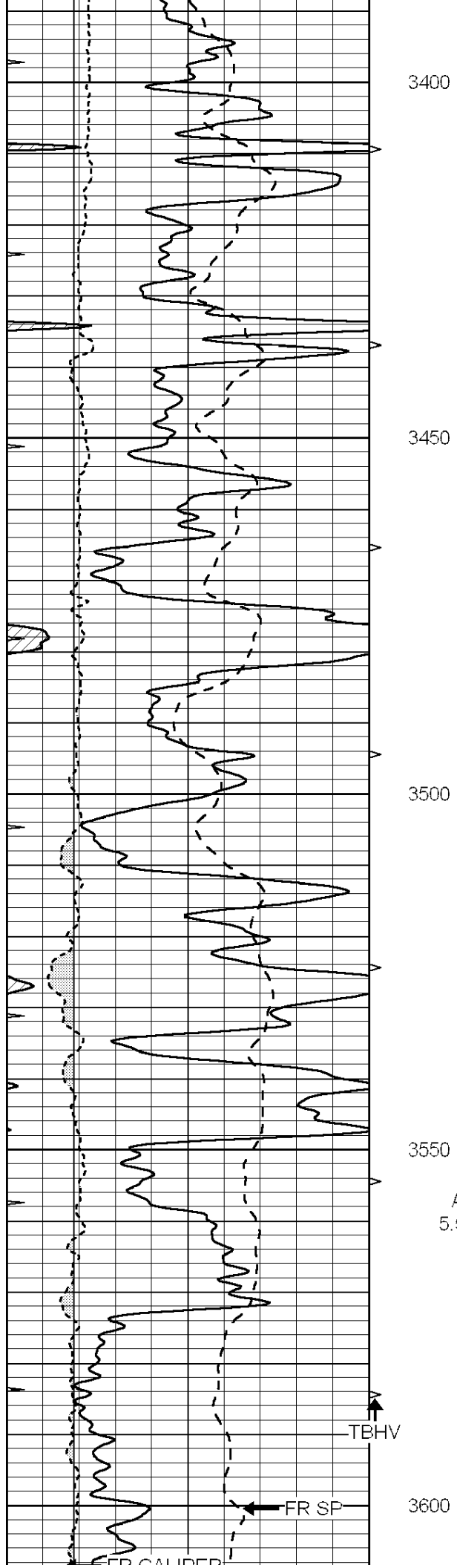


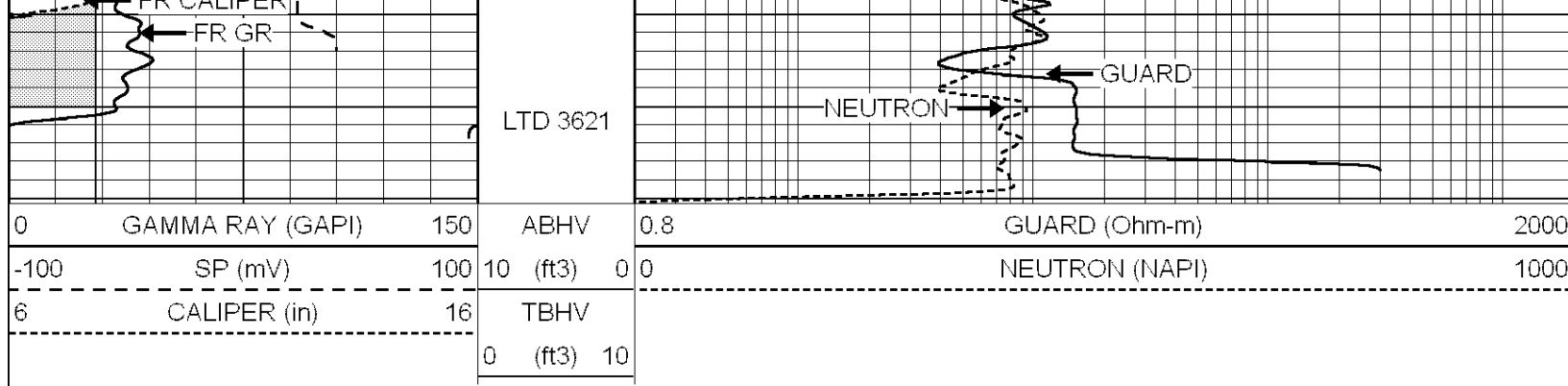
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Charted by: Depth in Feet scaled 1:240











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REPEAT SECTION

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 Presentation Format: _rag
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 Charted by: Depth in Feet scaled 1:240

