



SUPERIOR
Hays,
Kansas

**RADIATION GUARD
LOG**

Company ANSHUTZ OIL
Well HEARD "A" #3
Field HALL - GURNEY
County RUSSELL
State KANSAS

Company ANSHUTZ OIL
Well HEARD "A" #3
Field HALL - GURNEY
County RUSSELL State KANSAS

Location: API # : 15-167-23560-0000
1650' FSL & 660' FWL
S/2 - NW - SW
SEC 30 TWP 14S RGE 12W
Permanent Datum GROUND LEVEL Elevation 1694
Log Measured From KELLY BUSHING 8' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
MEL/SP
Elevation
K.B. 1702
D.F. 1700
G.L. 1694

Date	2/2/09
Run Number	ONE
Depth Driller	3375
Depth Logger	3376
Bottom Logged Interval	3375
Top Log Interval	00
Casing Driller	8 5/8"@655'
Casing Logger	654
Bit Size	7 7/8
Type Fluid In Hole	CHEMICAL MUD
Density / Viscosity	9.3/48
pH / Fluid Loss	8.5/10.4
Source of Sample	FLOWLINE
Rm @ Meas. Temp	1.00@60F
Rmf @ Meas. Temp	.750@60F
Rmc @ Meas. Temp	1.20@60F
Source of Rmf / Rmc	MEASUREMENT
Rm @ BHT	.545@110F
Time Circulation Stopped	2 HOURS
Time Logger on Bottom	10:45 P.M.
Maximum Recorded Temperature	110F
Equipment Number	0836
Location	HAYS, KANSAS
Recorded By	JEFF LUEBBERS
Witnessed By	BRAD HUTCHISON

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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 SUPERIOR WELL SERVICE HAYS, KANSAS (785)628-6395
DIRECTIONS
BUNKER HILL, KS. & I-70, 3 1/2S. ON BLKTOP, E. INTO @ TANK BATTERY THEN BACK NORTH & E. IN

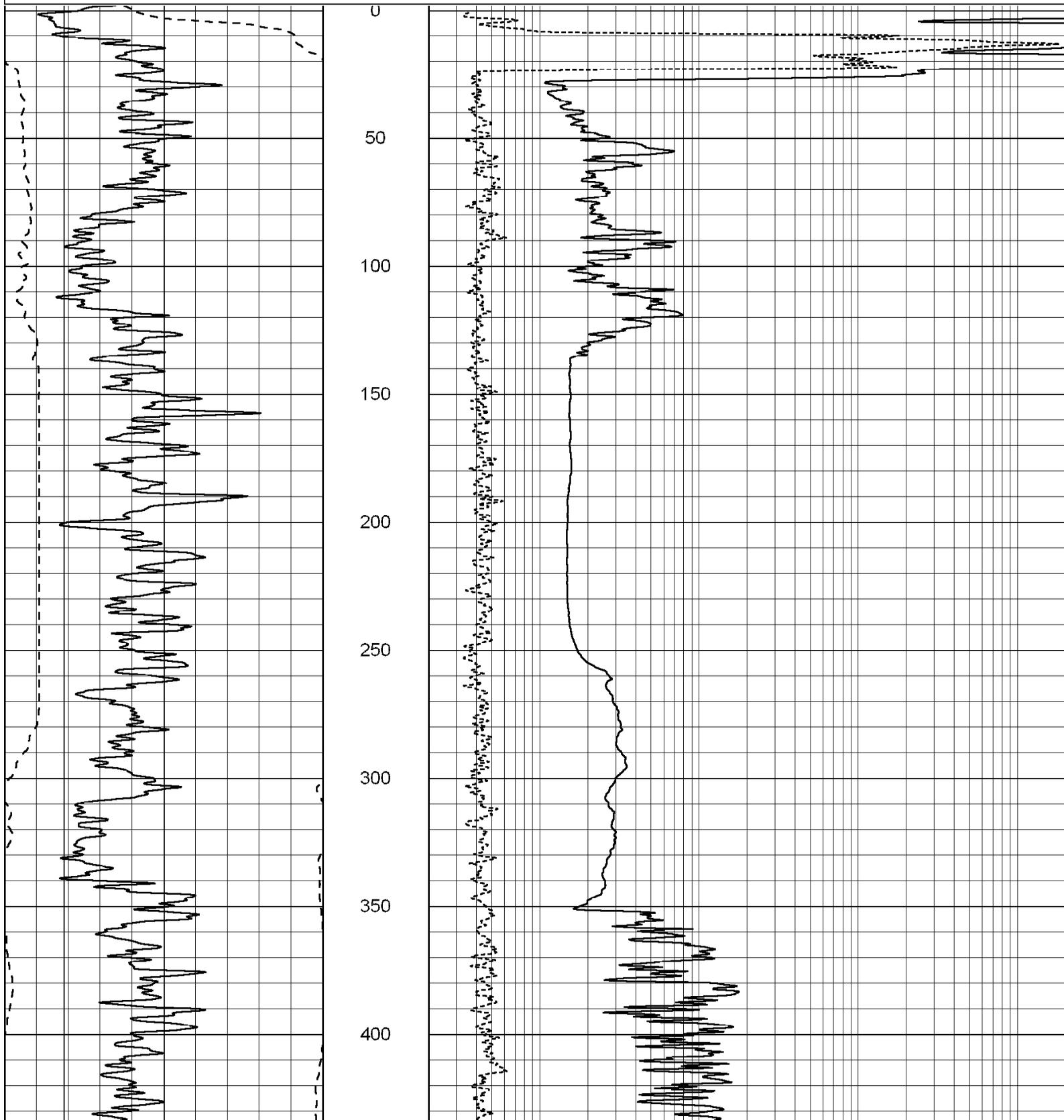


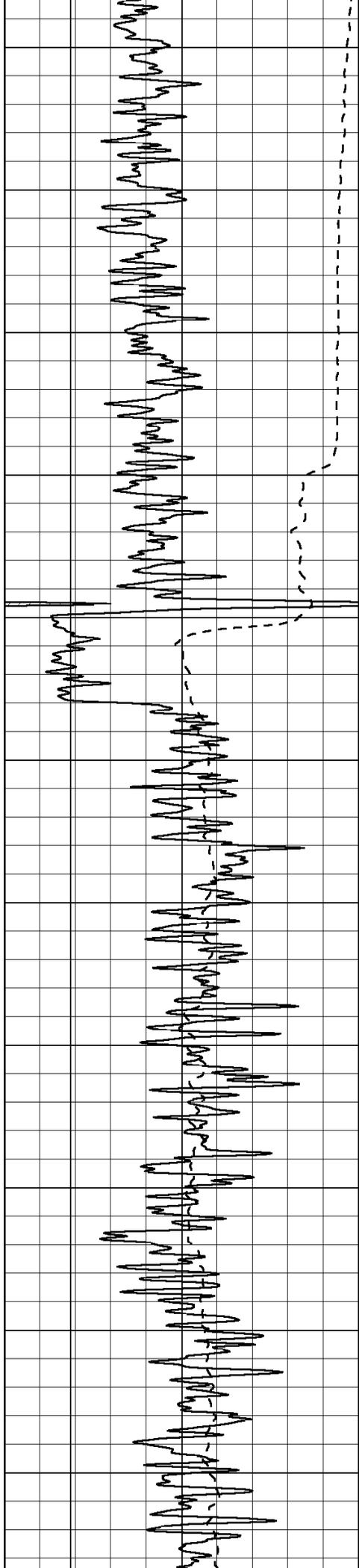
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MAIN SECTION

Database File: 003093rag.db
 Dataset Pathname: pass3.8
 Presentation Format: rag2inch
 Dataset Creation: Mon Feb 02 23:56:14 2009 by Calc Open-Cased 060407
 Charted by: Depth in Feet scaled 1:600

0	GAMMA RAY (GAPI)	150	ABHV	0.2	GUARD (Ohm-m)	2000
-100	SP (mV)	100	10 (ft3) 0	0	NEUTRON (NAPI)	1000
			TBHV			
			0 (ft3) 10			





450

500

550

600

650

700

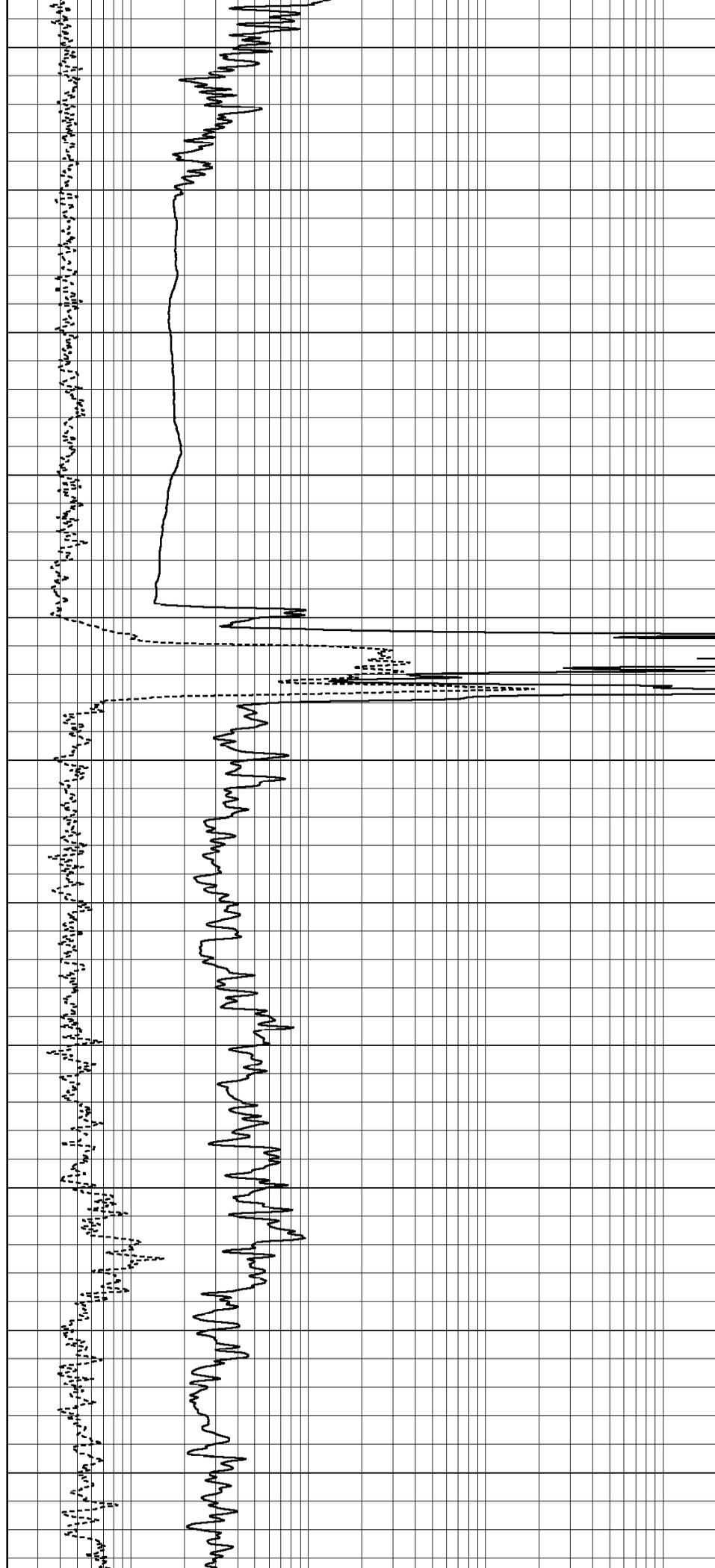
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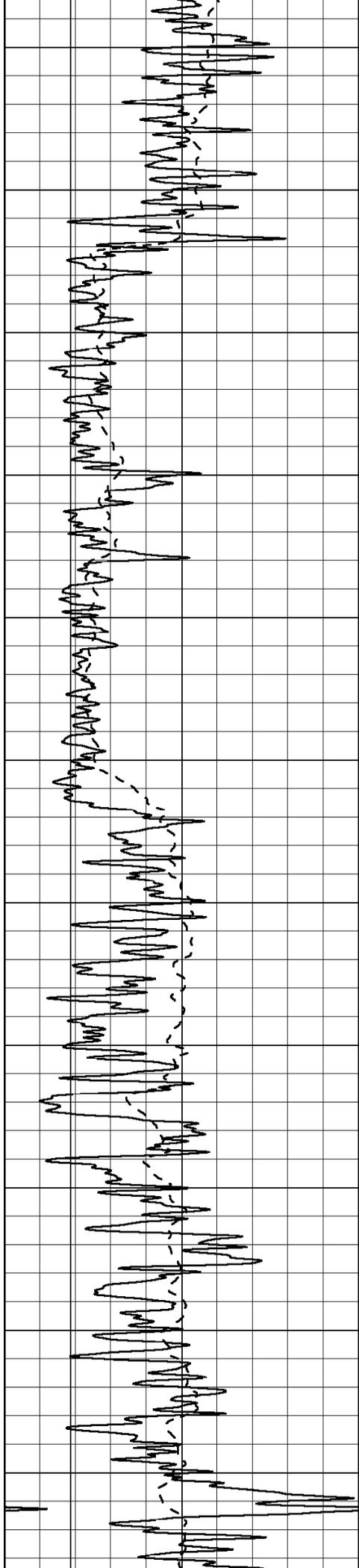
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850

900

950





1000

1050

1100

1150

1200

1250

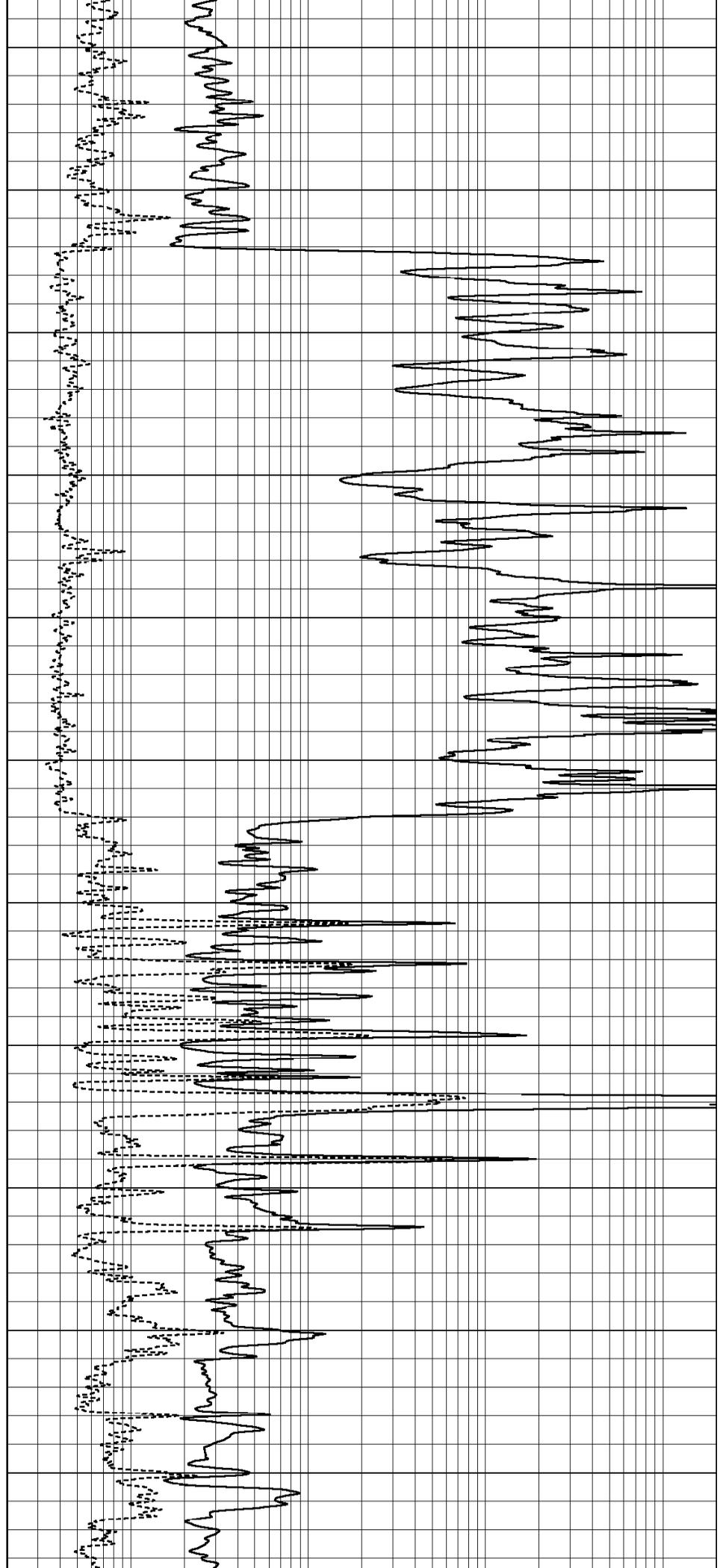
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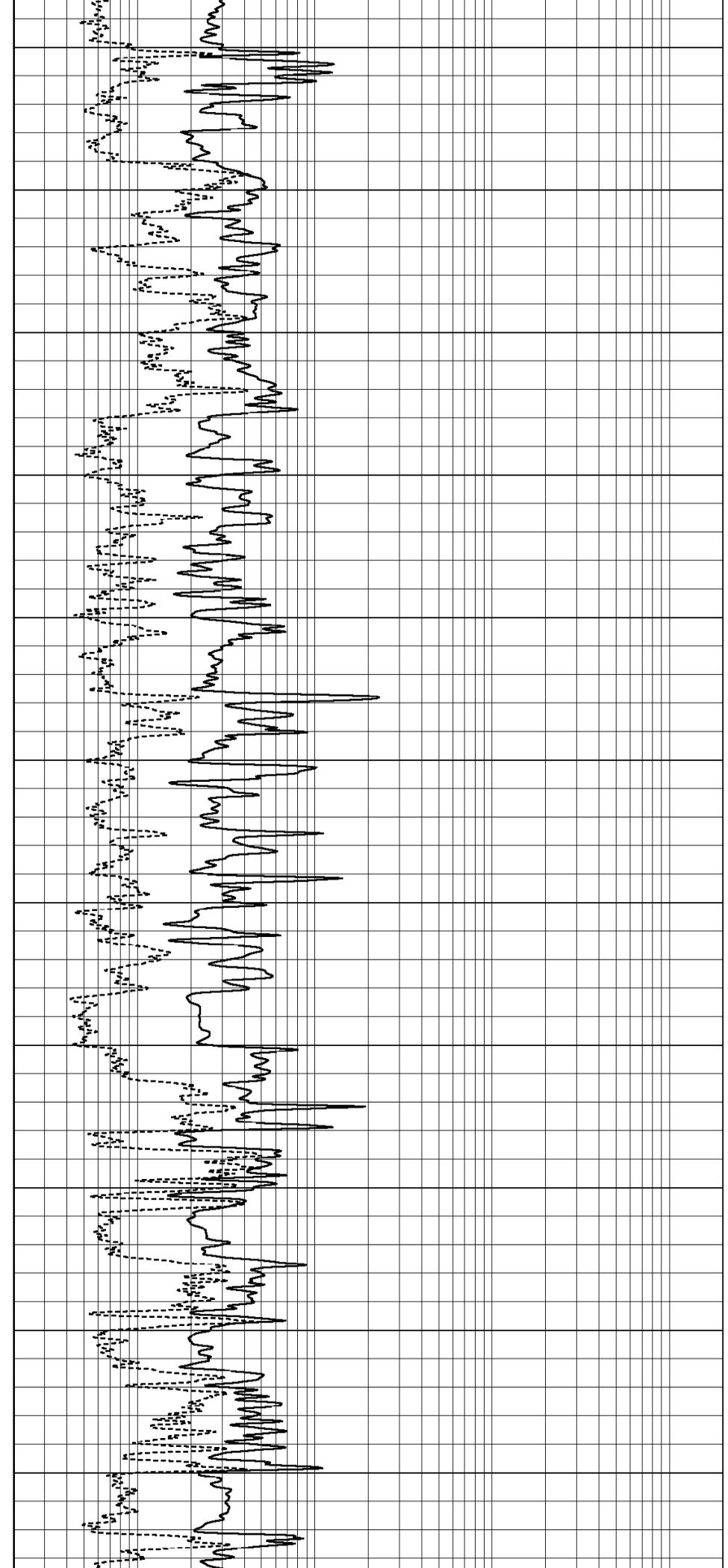
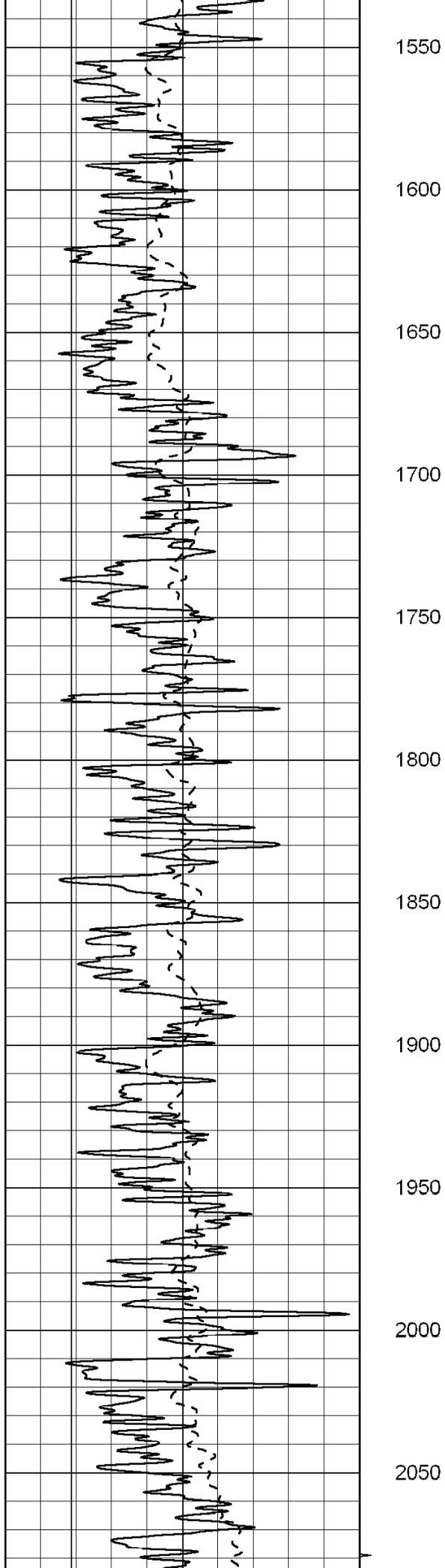
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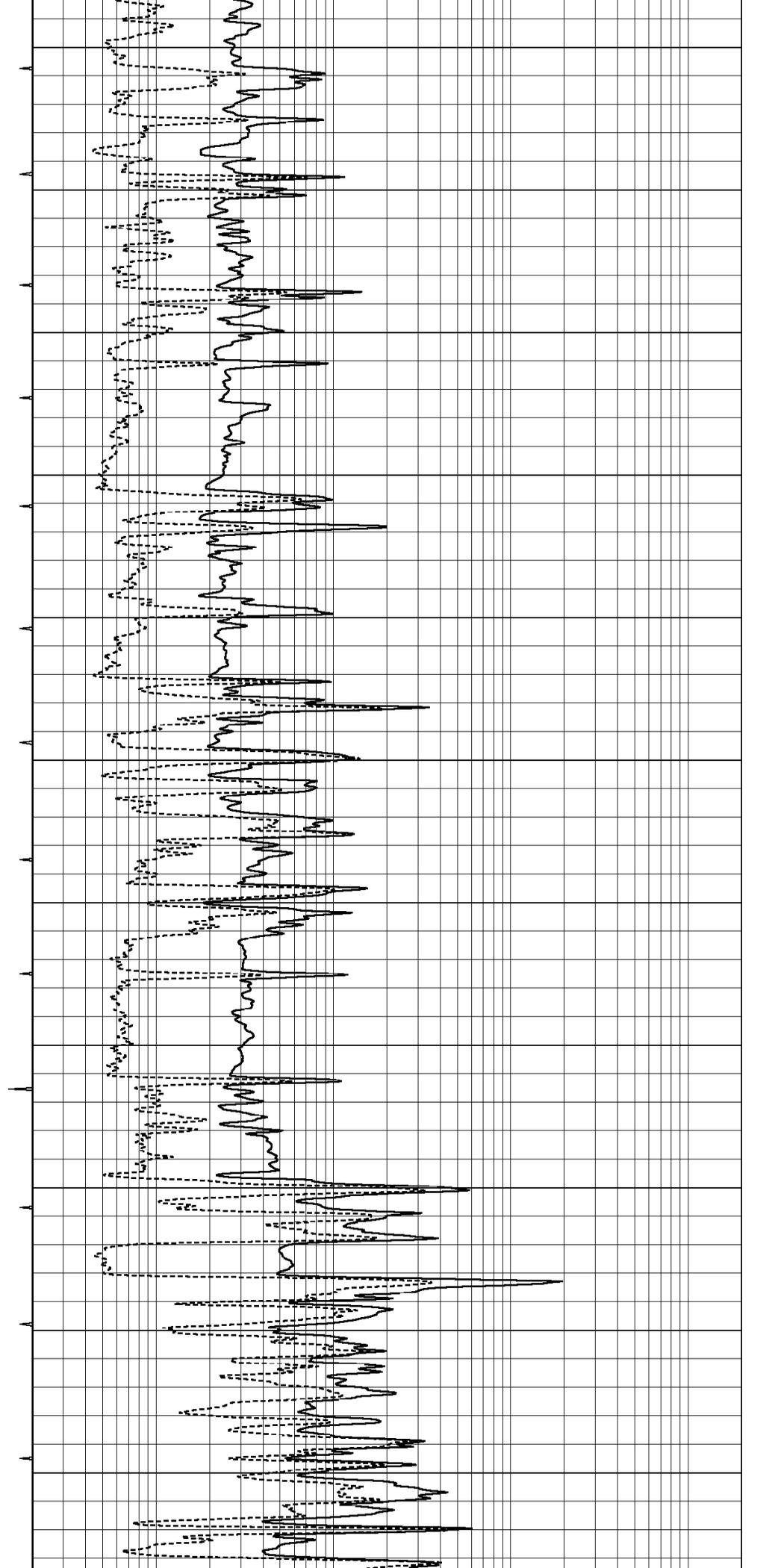
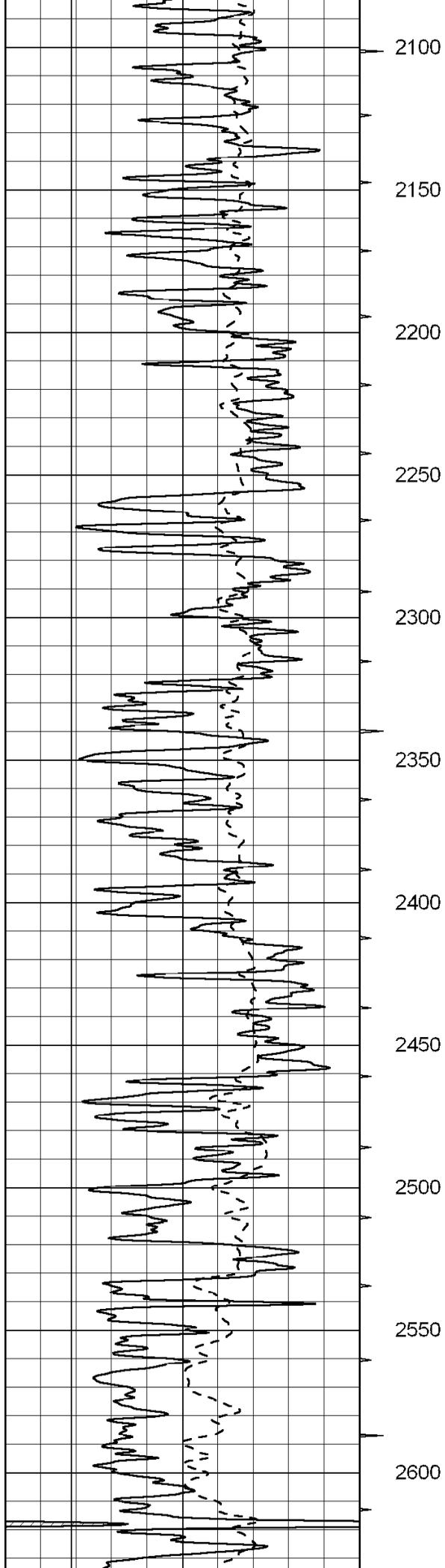
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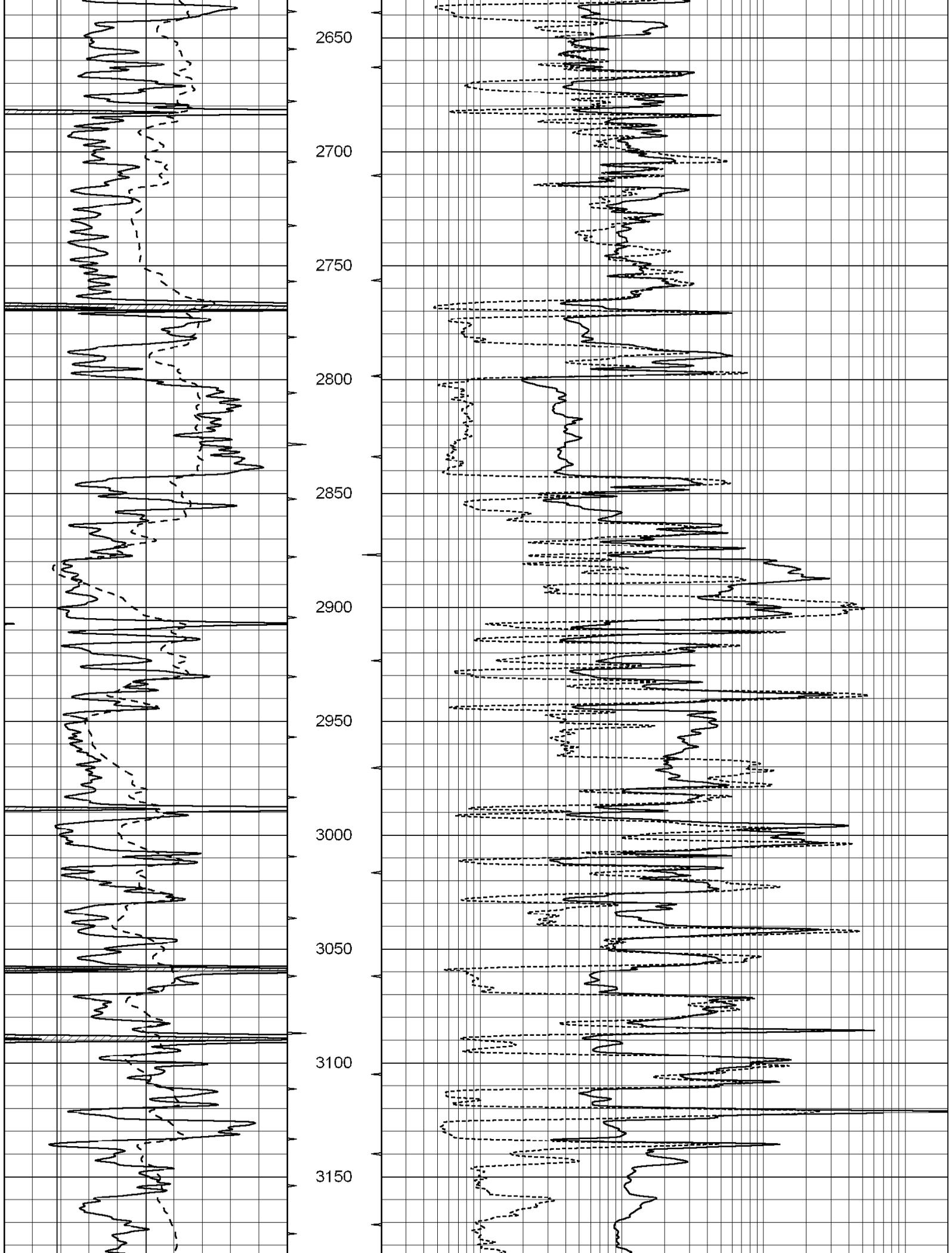
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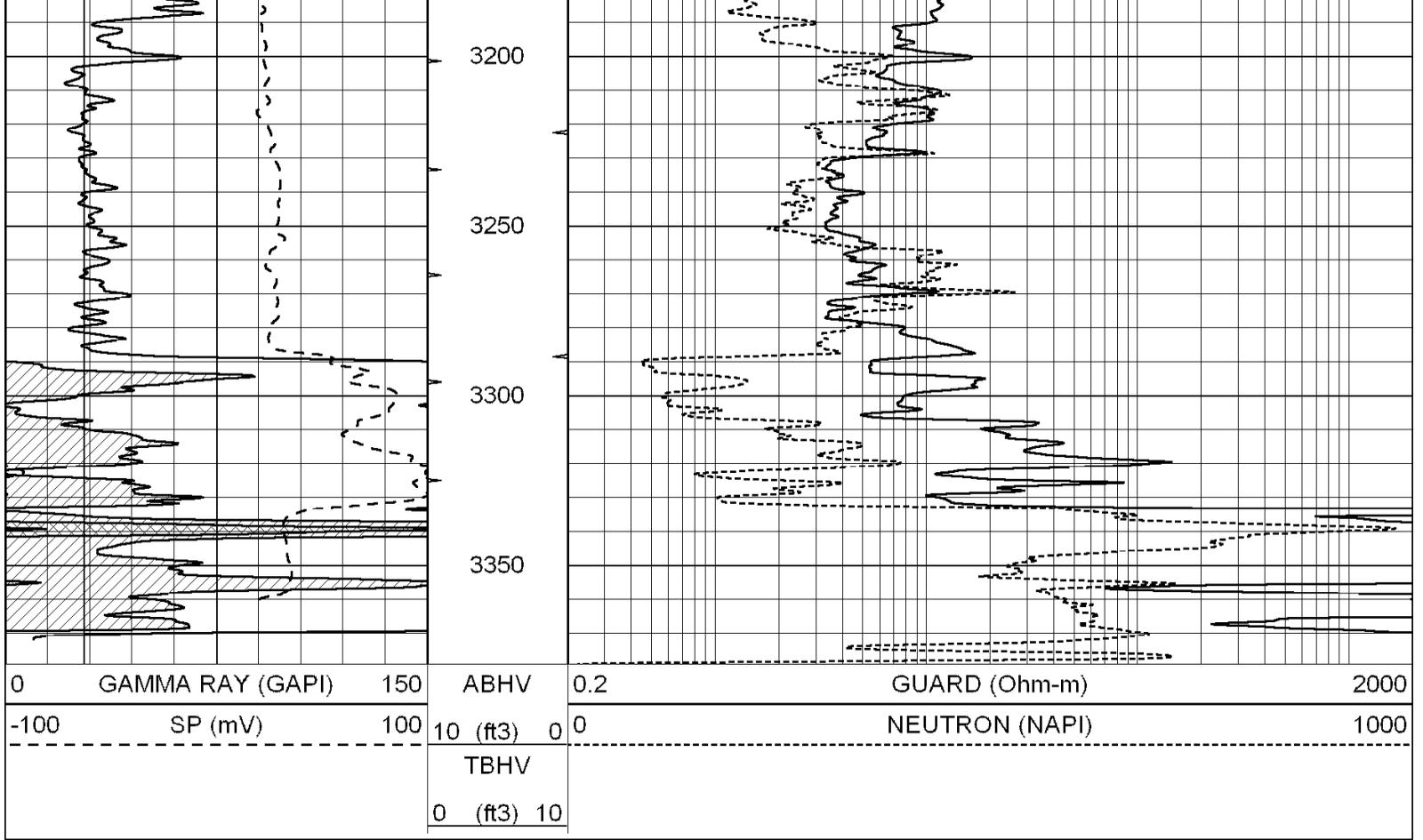
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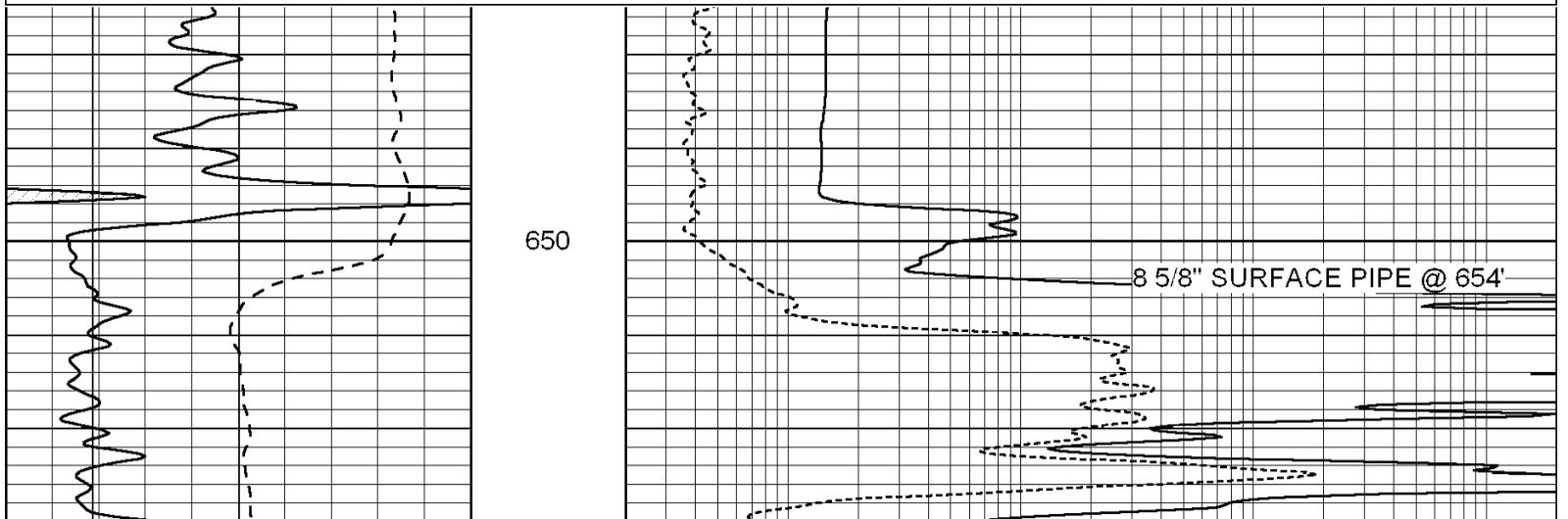
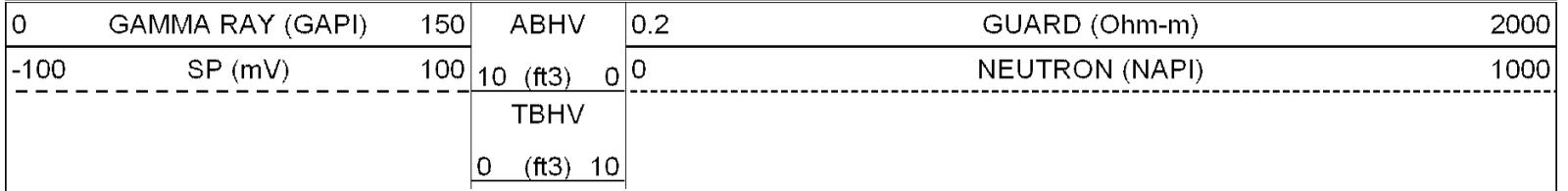


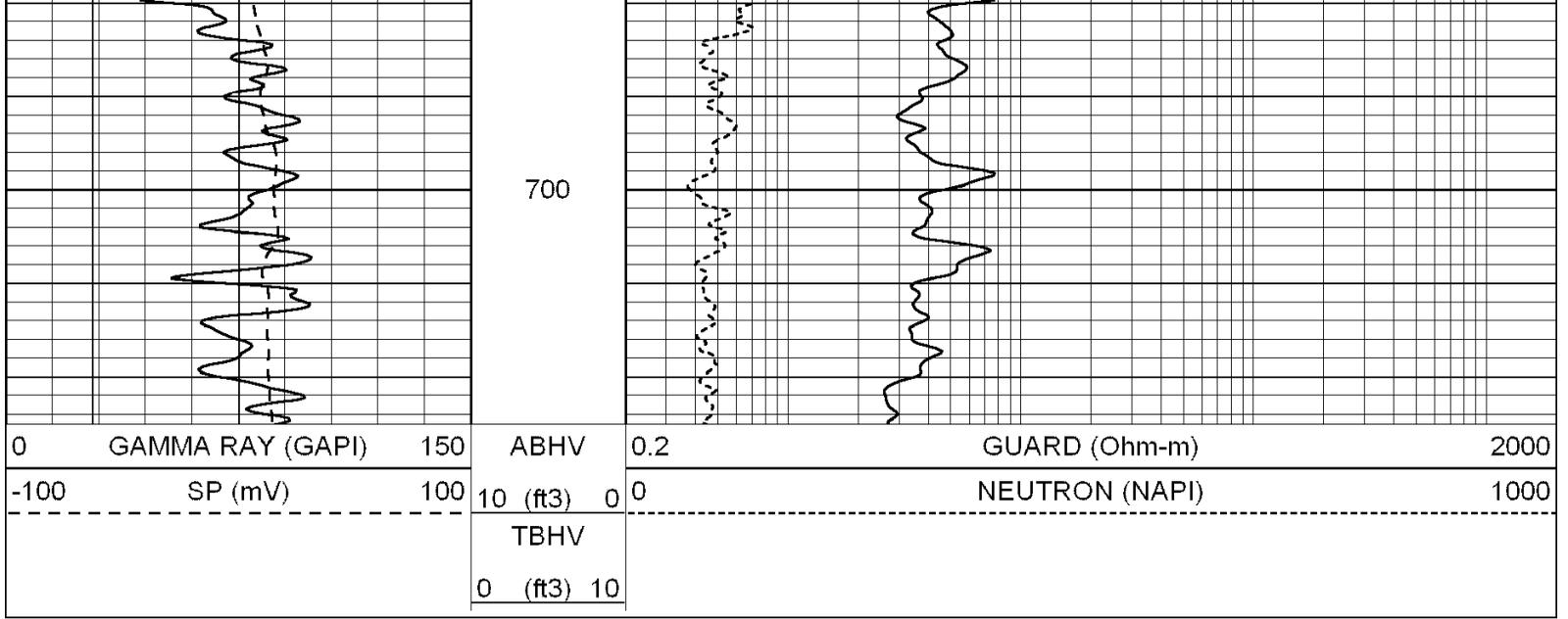


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ANHYDRITE

Database File: 003093rag.db
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 Charted by: Depth in Feet scaled 1:240

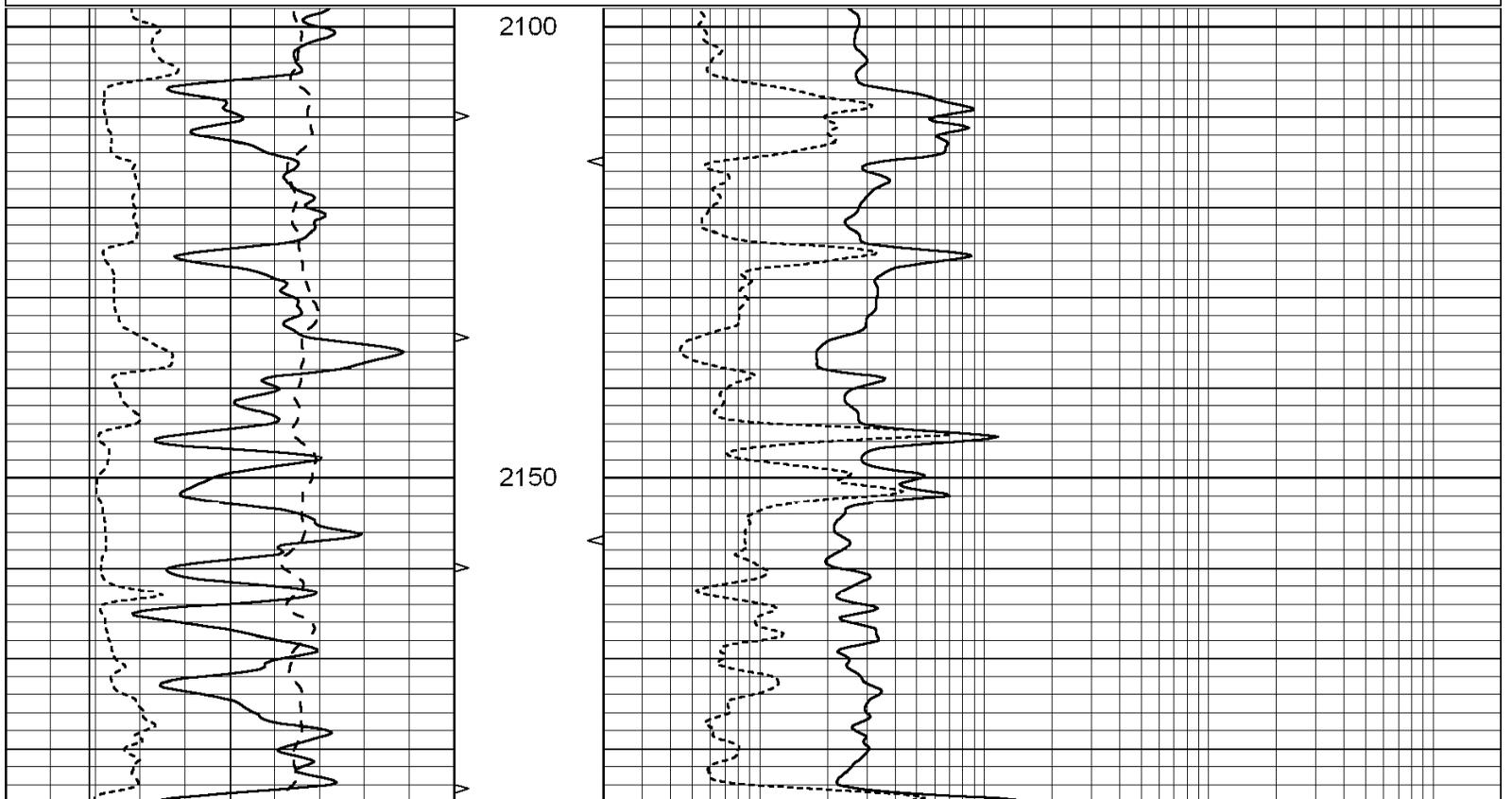
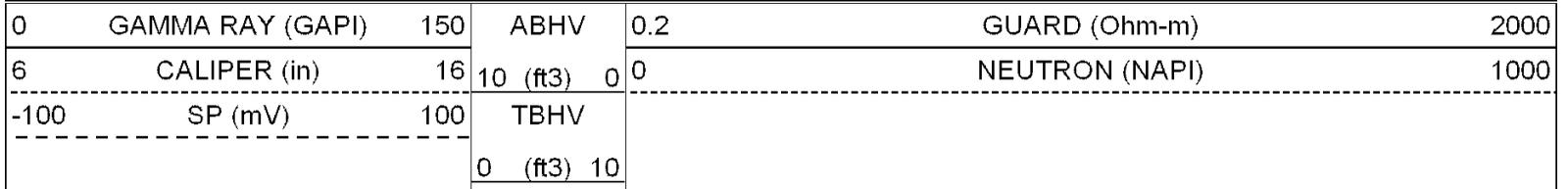


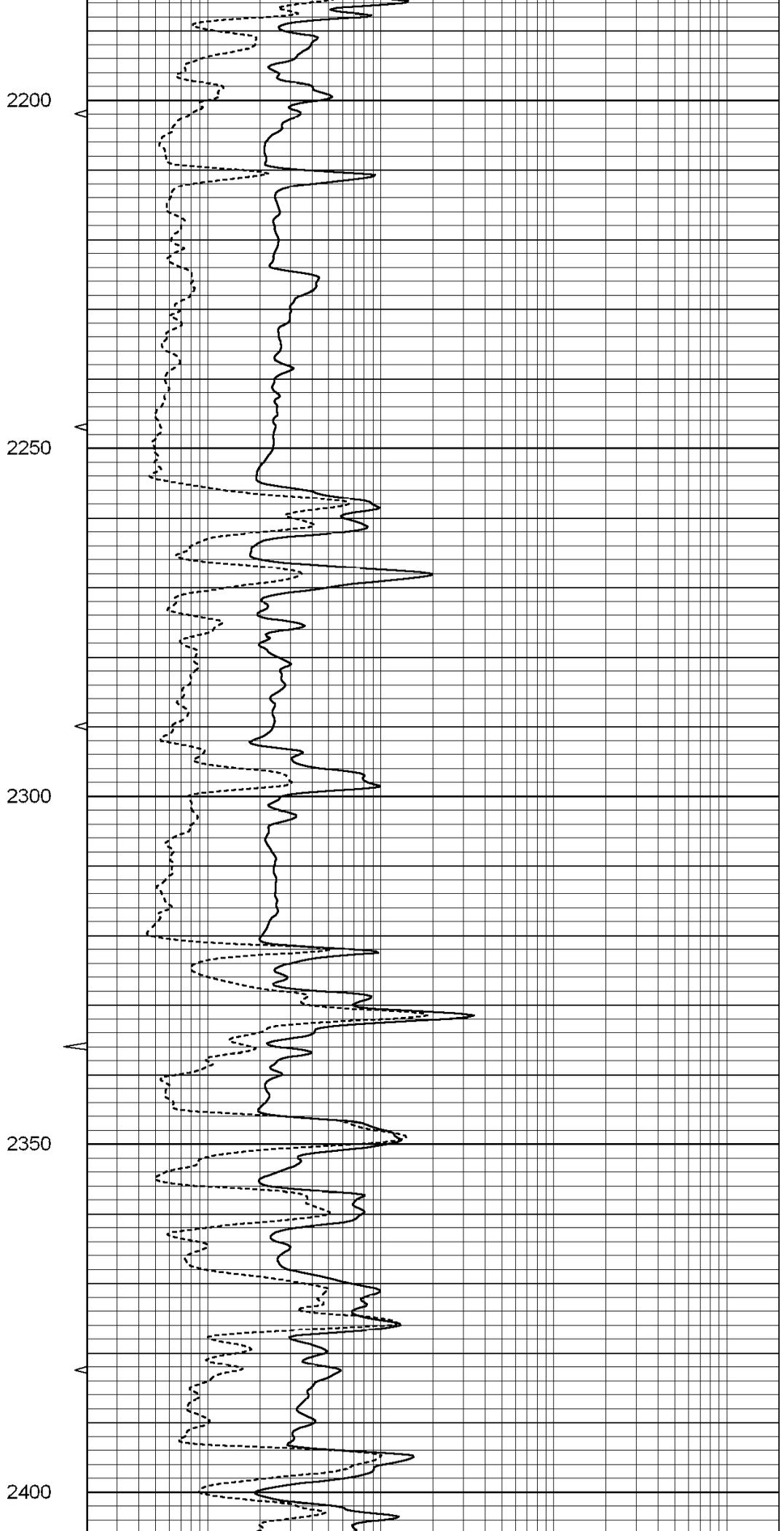
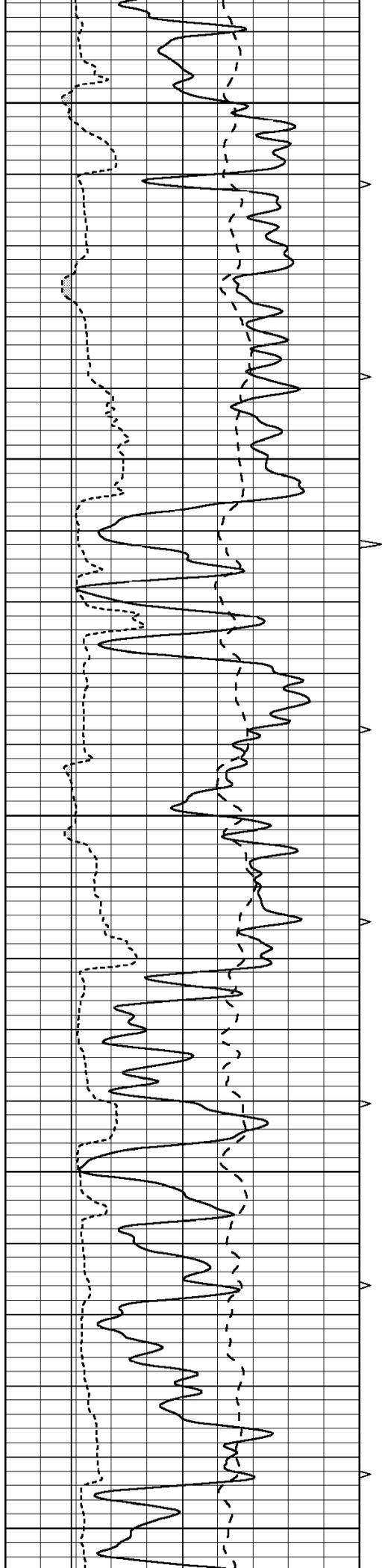


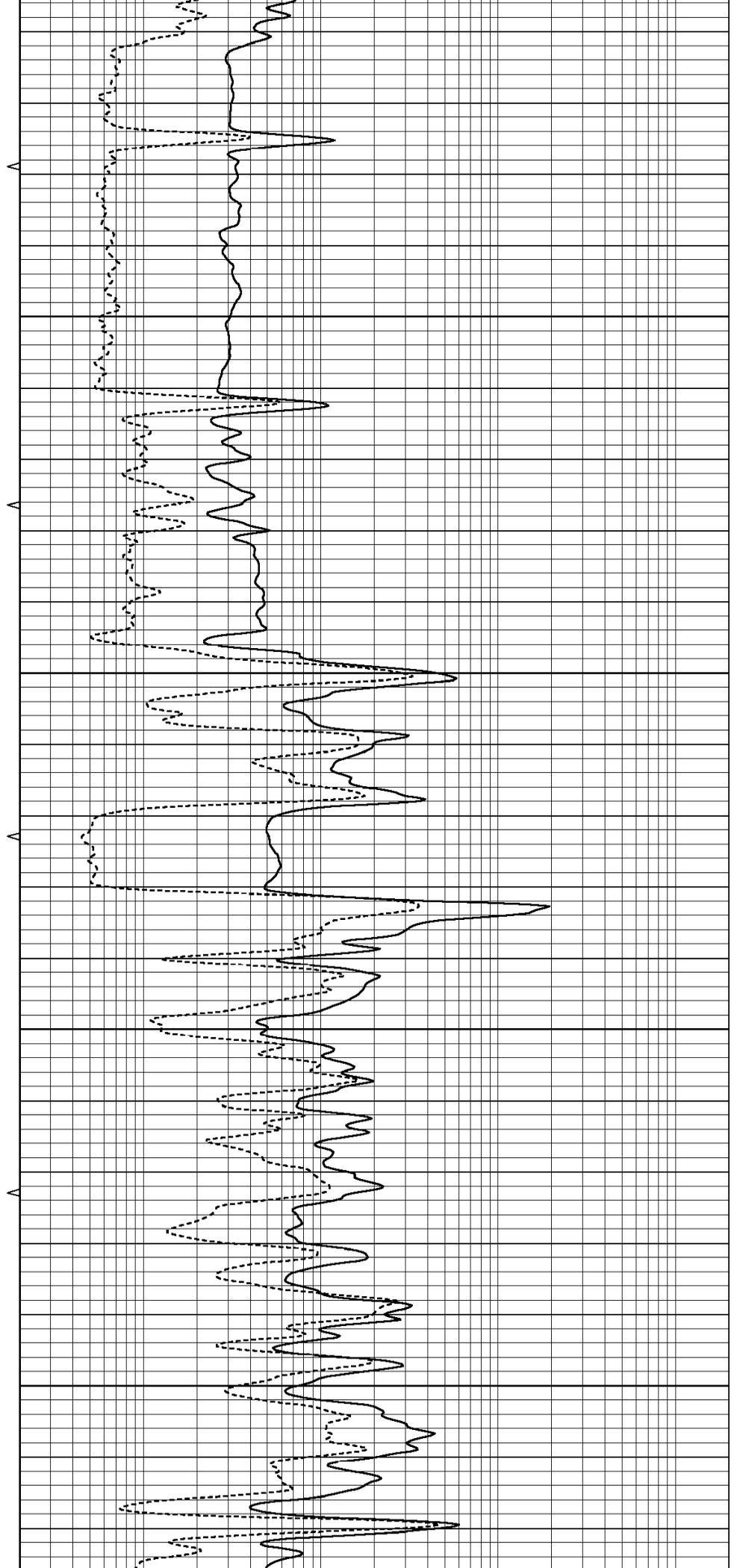
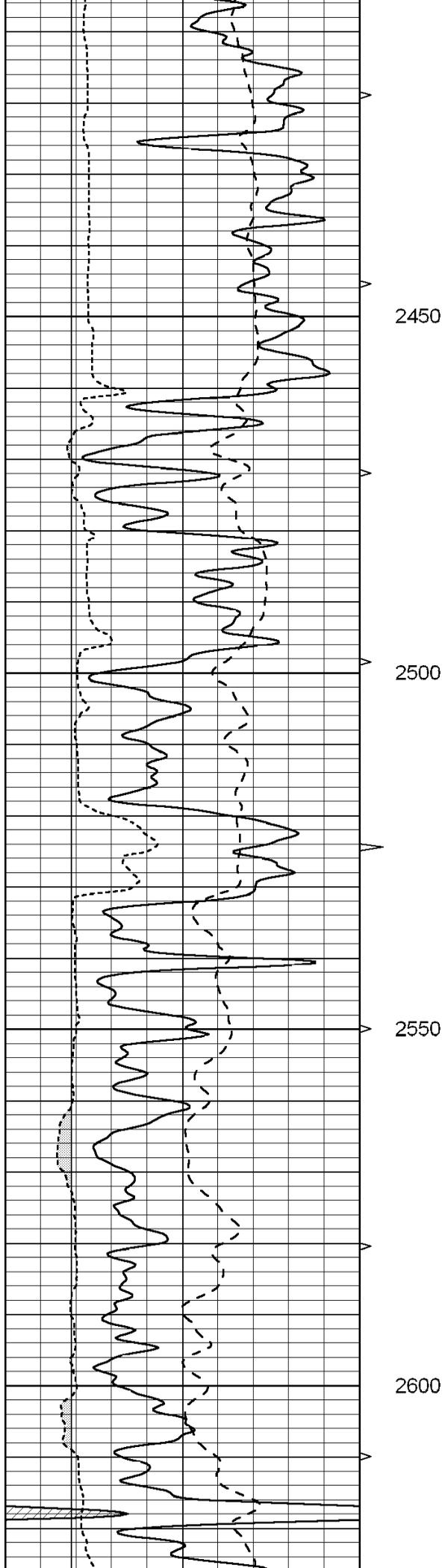
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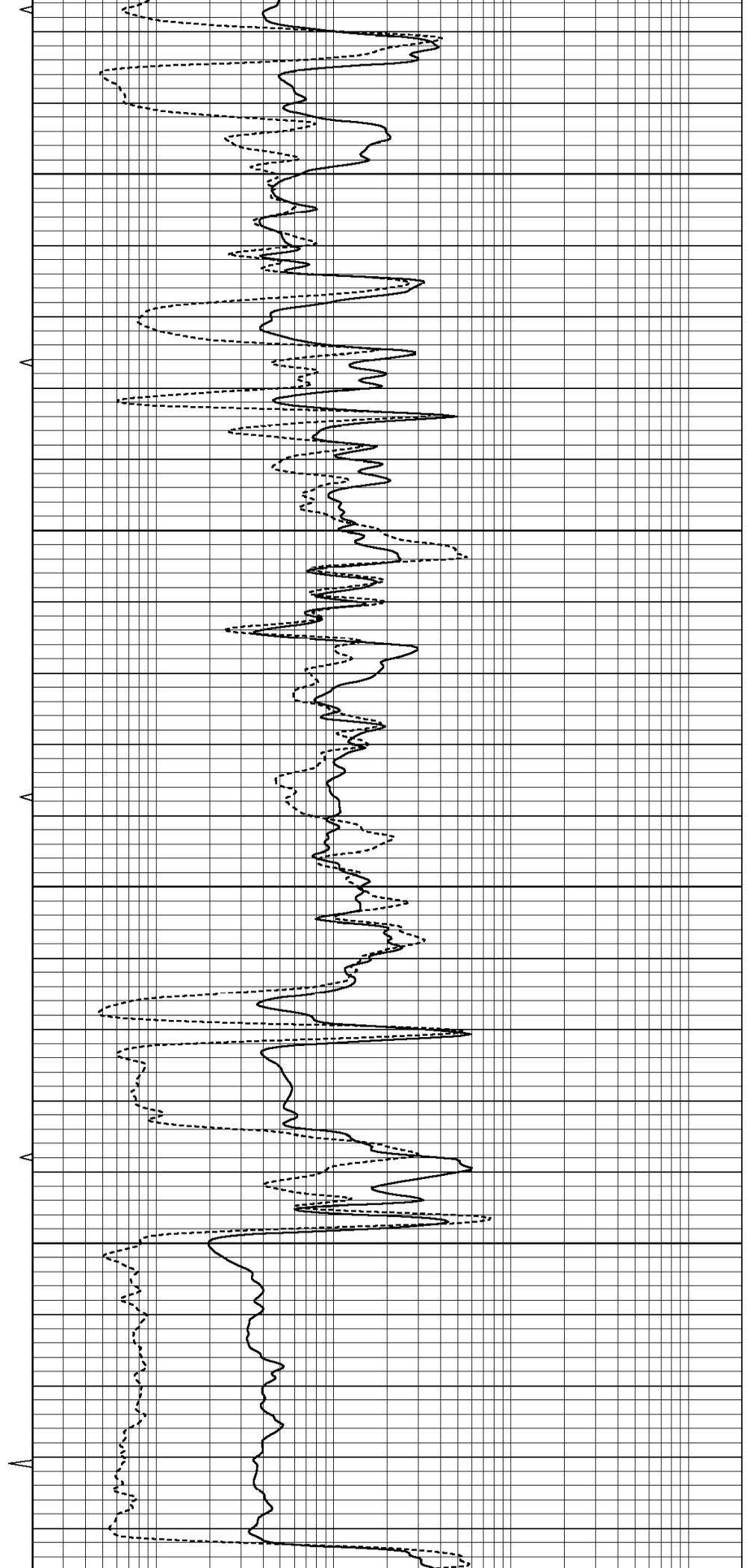
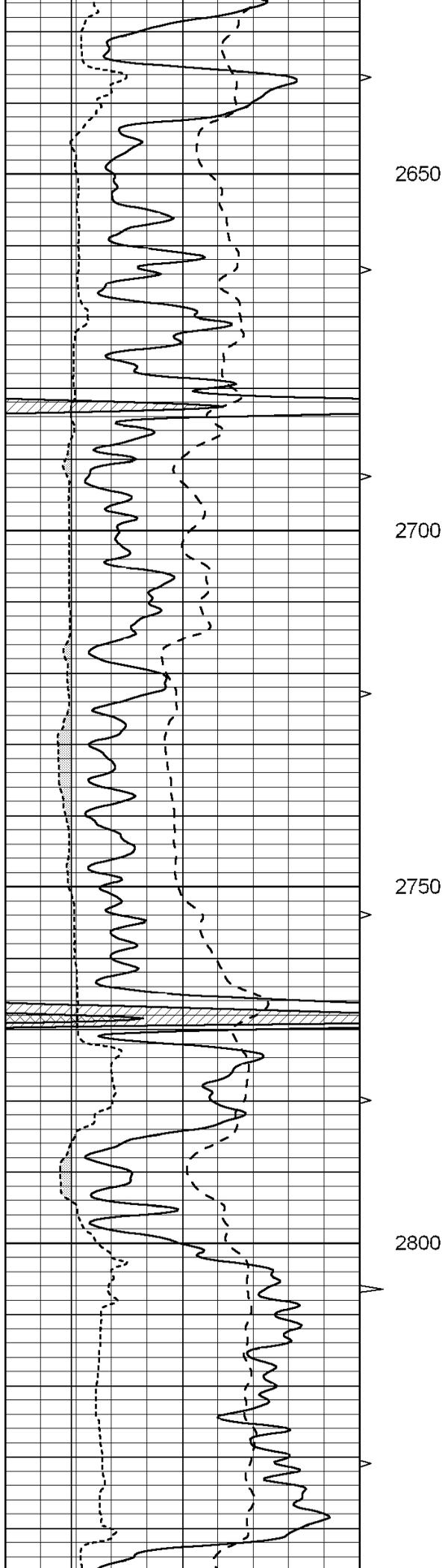
MAIN SECTION

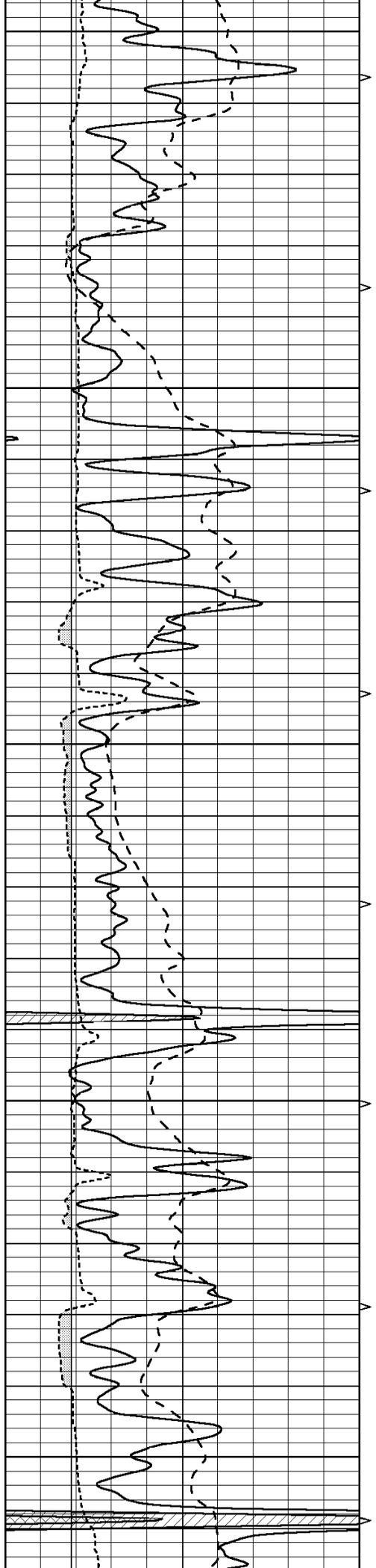
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 Presentation Format: rag
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 Charted by: Depth in Feet scaled 1:240











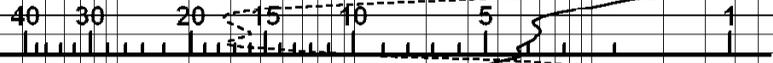
2850

2900

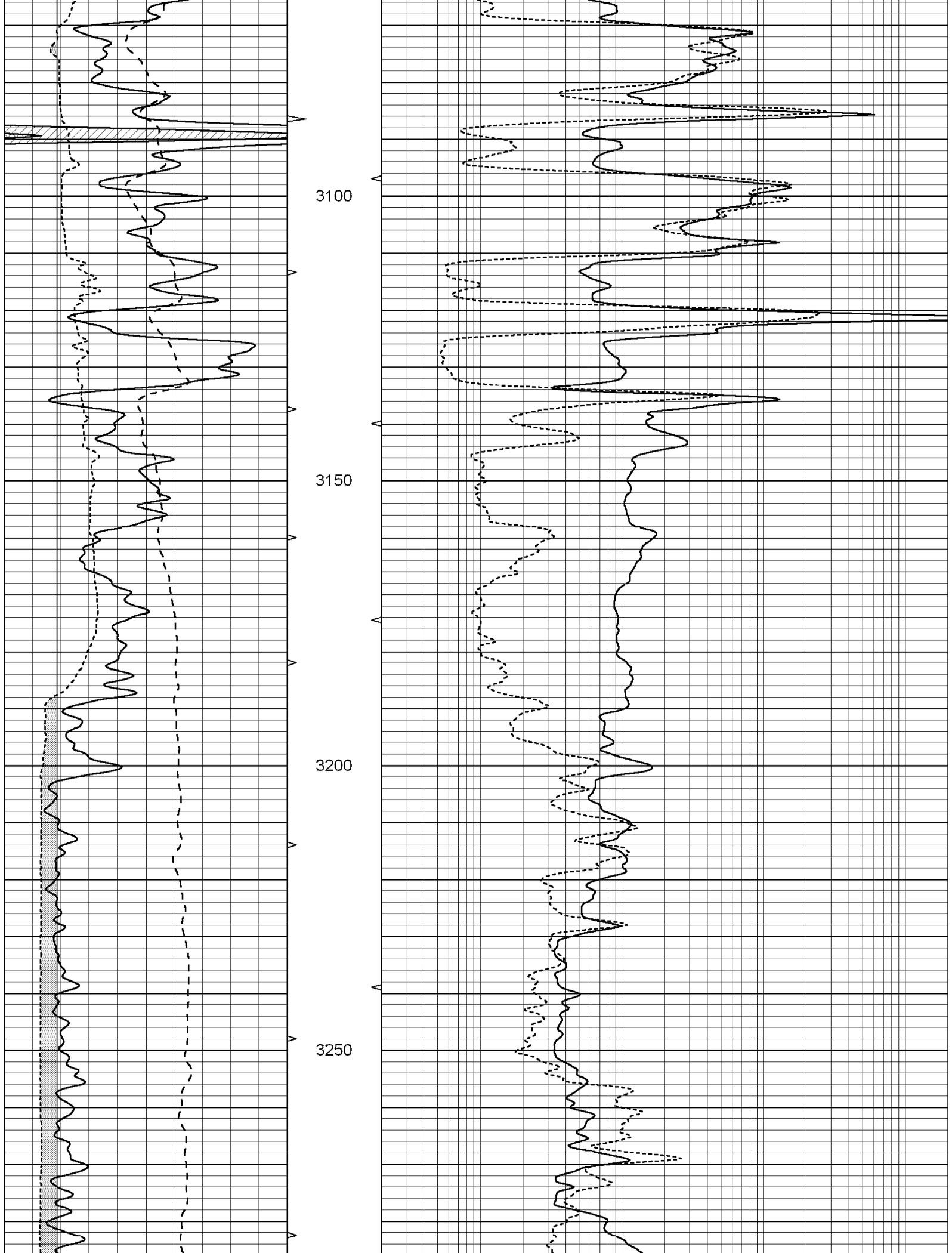
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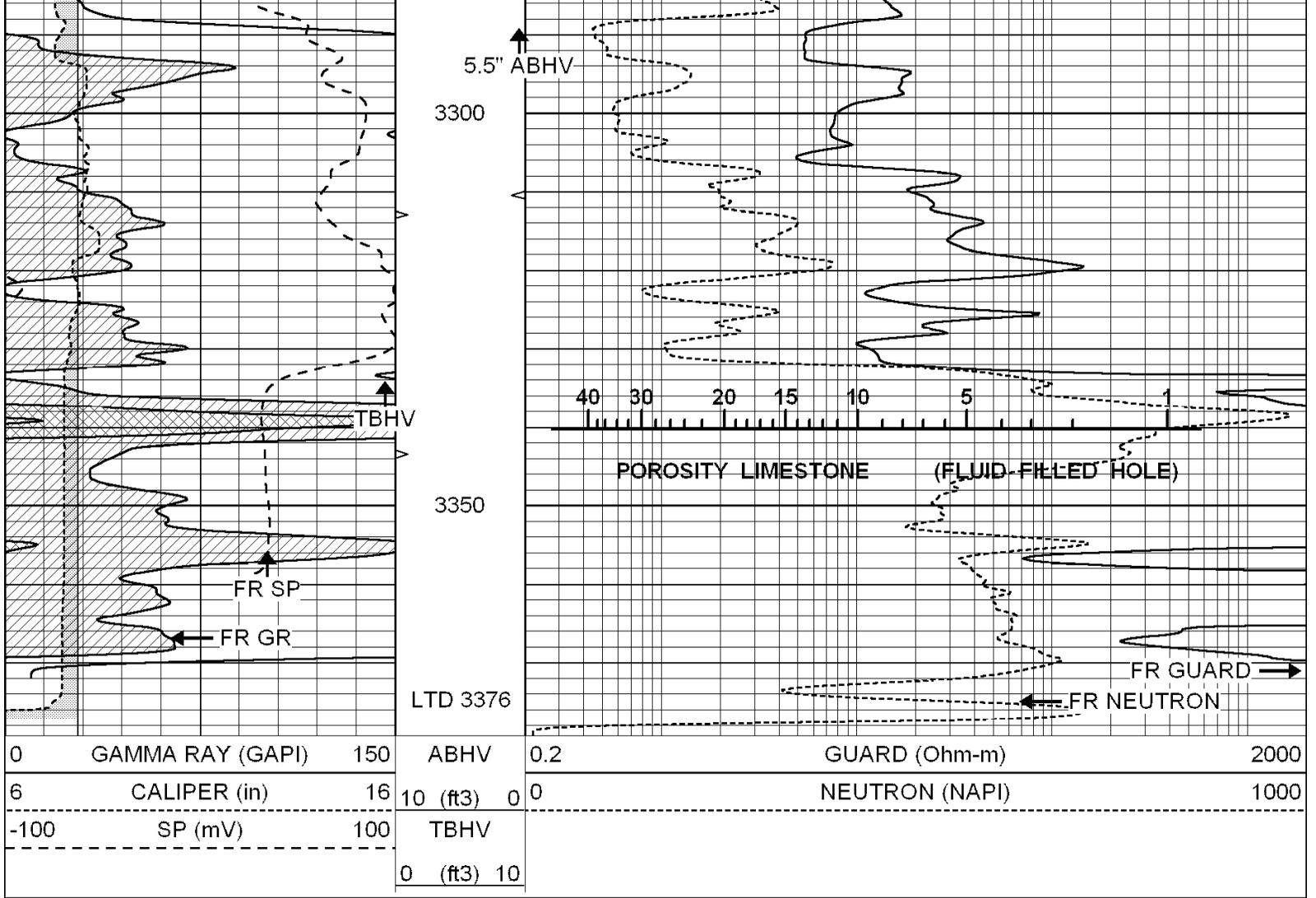
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3050



POROSITY LIMESTONE (FLUID FILLED HOLE)

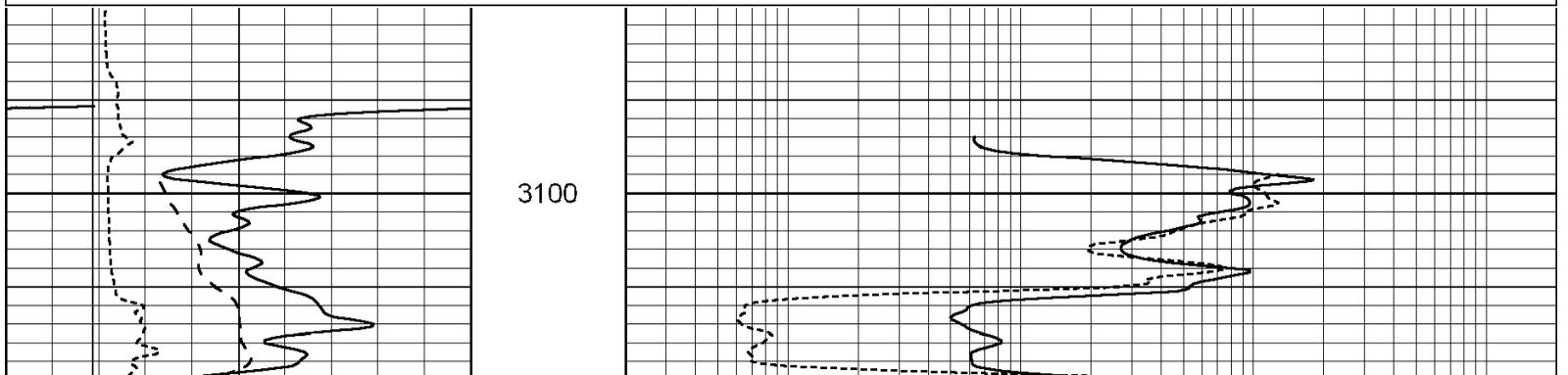


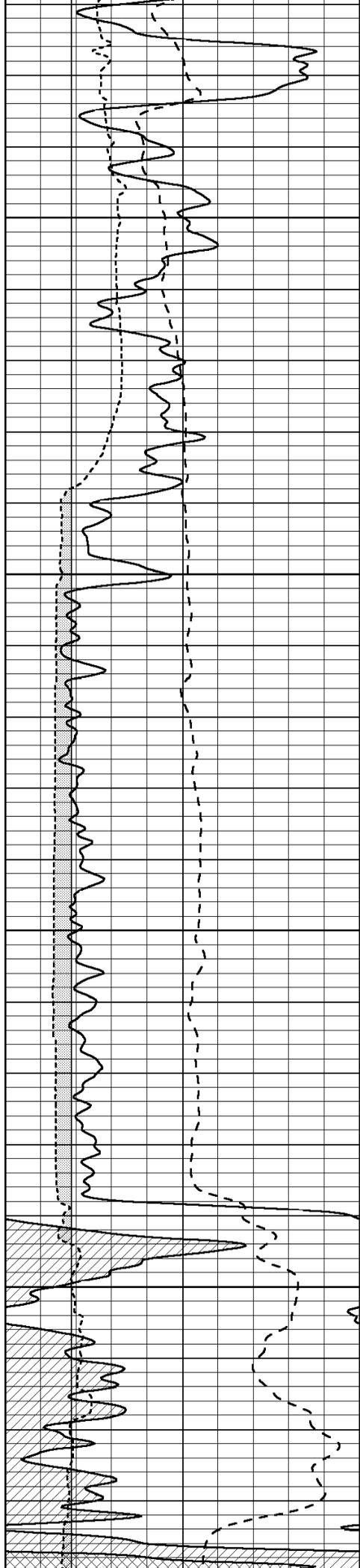


REPEAT SECTION

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

0	GAMMA RAY (GAPI)	150	ABHV	0.2	GUARD (Ohm-m)	2000
6	CALIPER (in)	16	10 (ft3) 0	0	NEUTRON (NAPI)	1000
-100	SP (mV)	100	TBHV			
			0 (ft3) 10			





3150

3200

3250

3300

