



**COMPLETION
& PRODUCTION
SERVICES CO.**

**RADIATION
GUARD LOG**

Company	RITCHIE EXPLORATION, INC.		
Well	STOUT P #8		
Field	BLOOMER		
County	RICE	State	KANSAS
Location:	API # : 15-159-22734-0000		Other Services BOTTOM GAMMA
750' FNL & 1500' FEL			
SEC 6	TWP 18S	RGE 10W	Elevation
Permanent Datum	GROUND LEVEL	Elevation	K.B. 1798
Log Measured From	KELLY BUSHING 9' A.G.L.		D.F. 1796
Drilling Measured From	KELLY BUSHING		G.L. 1789
Date	3/27/13		
Run Number	ONE		
Depth Driller	3225		
Depth Logger	3227		
Bottom Logged Interval	3226		
Top Log Interval	00		
Casing Driller	8 5/8" @ 328		
Casing Logger	328		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.3 / 47		
pH / Fluid Loss	10.0 / 8.4		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.65 @ 70F		
Rmf @ Meas. Temp	.48 @ 70F		
Rmc @ Meas. Temp	.78 @ 70F		
Source of Rmf / Rmc	MEASURED	CHLORIDES 8100 PPM	
Rm @ BHT	.42 @ 107F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	107F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	CAPELLUCCI		
Witnessed By	BOB PETERSON		

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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: CLAFLIN, E TO RICE COUNTY LINE - 3/4 E. - S. INTO

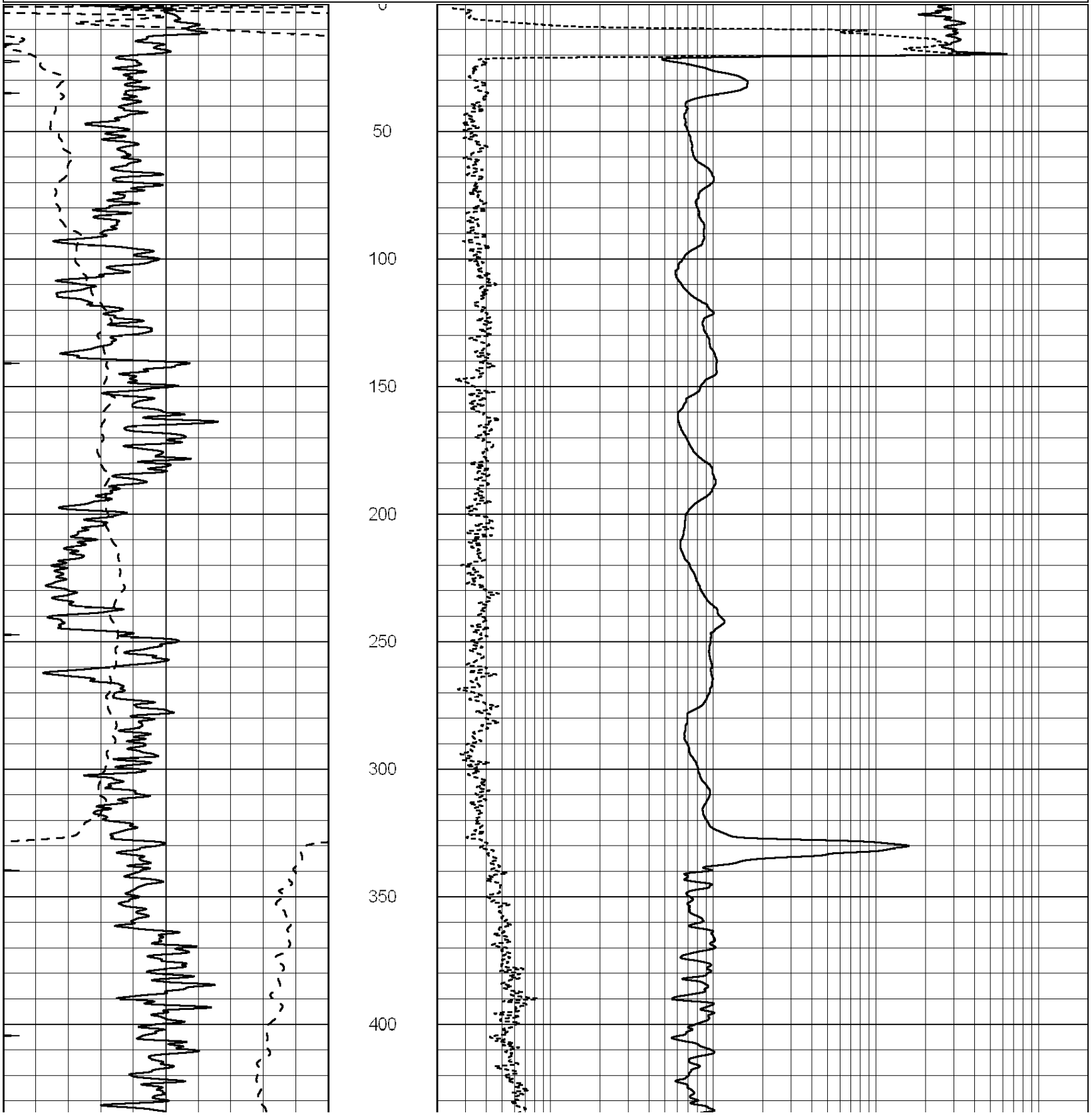


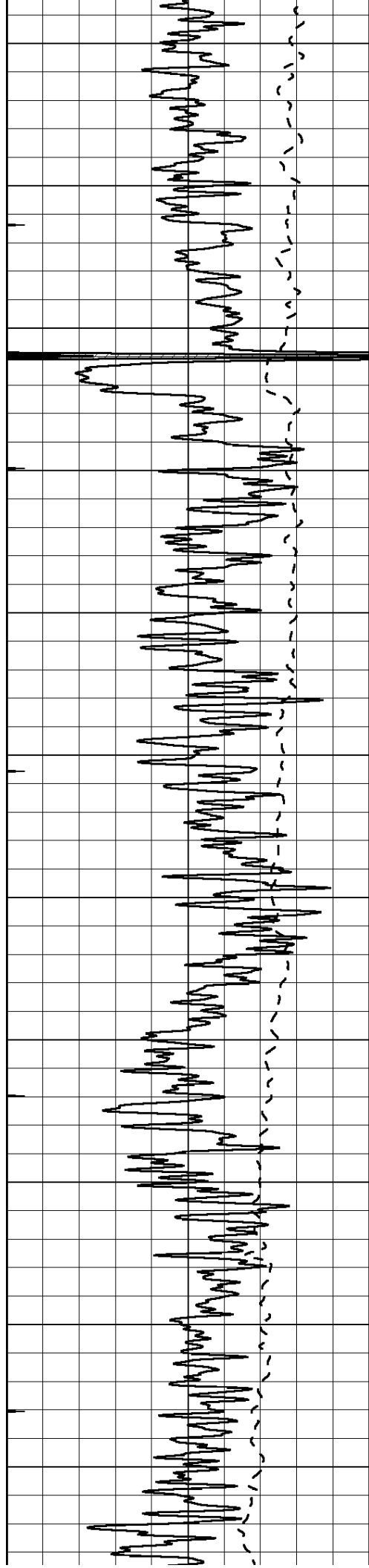
**COMPLETION
& PRODUCTION**

MAIN SECTION

Database File: 010844rag.db
 Dataset Pathname: pass3.3
 Presentation Format: rag2
 Dataset Creation: Wed Mar 27 08:19:32 2013 by Calc Open-Cased 090629
 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)	-----		





450

500

550

600

650

700

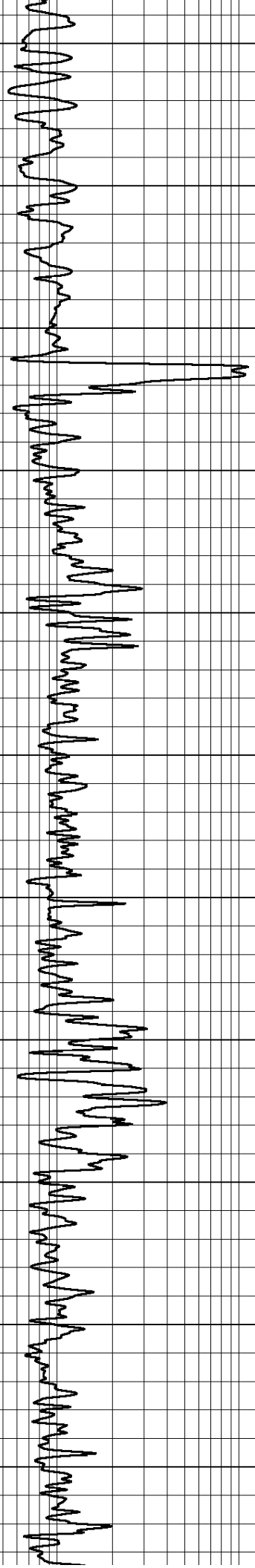
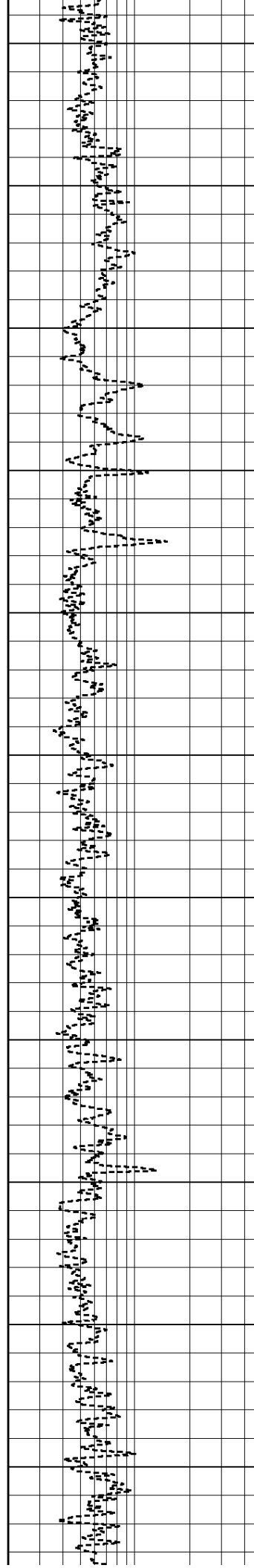
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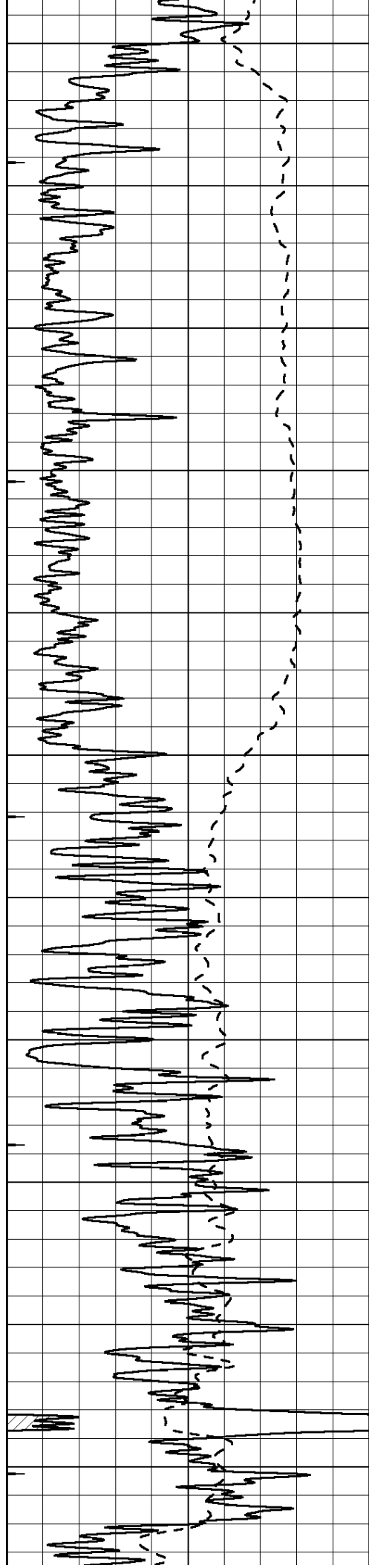
800

850

900

950





1000

1050

1100

1150

1200

1250

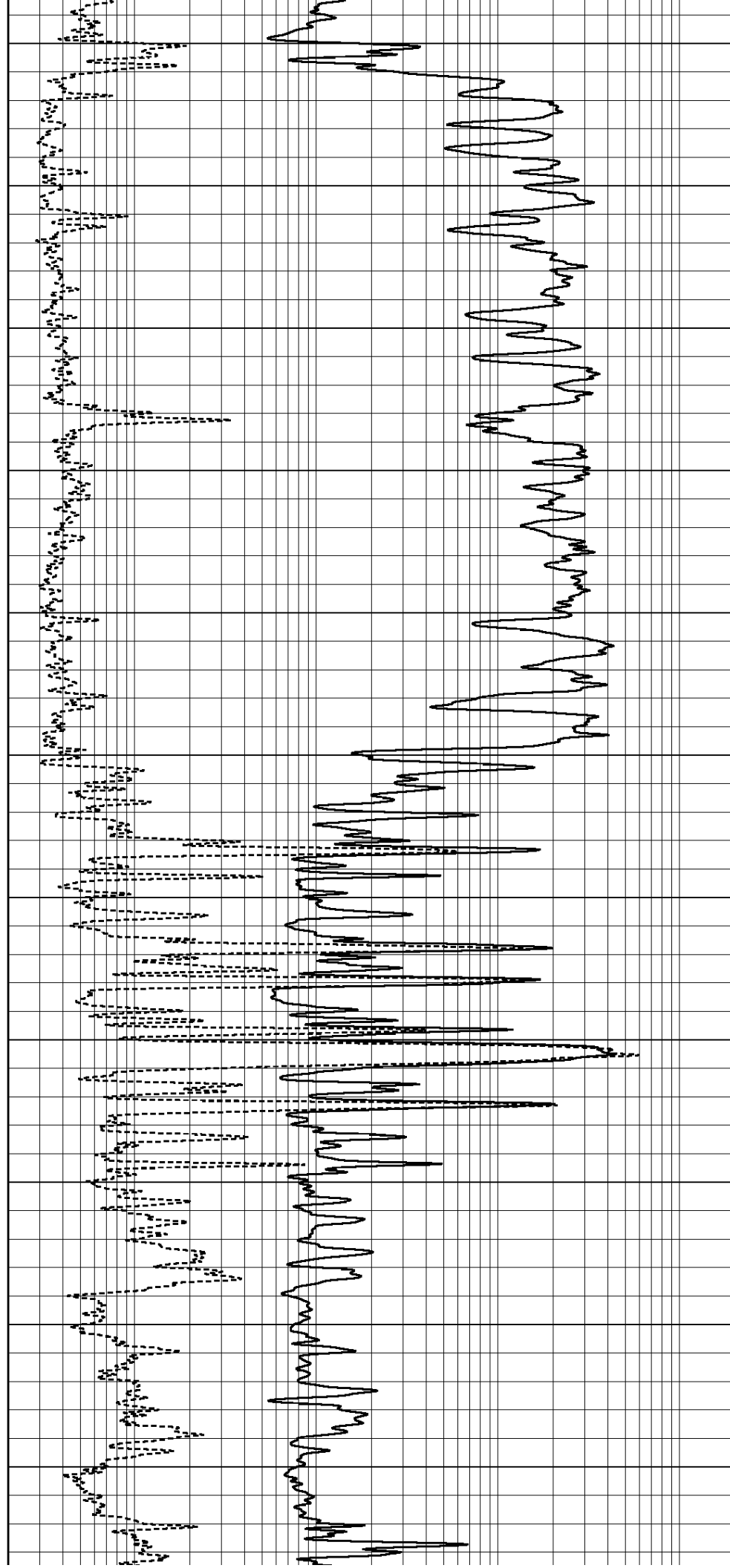
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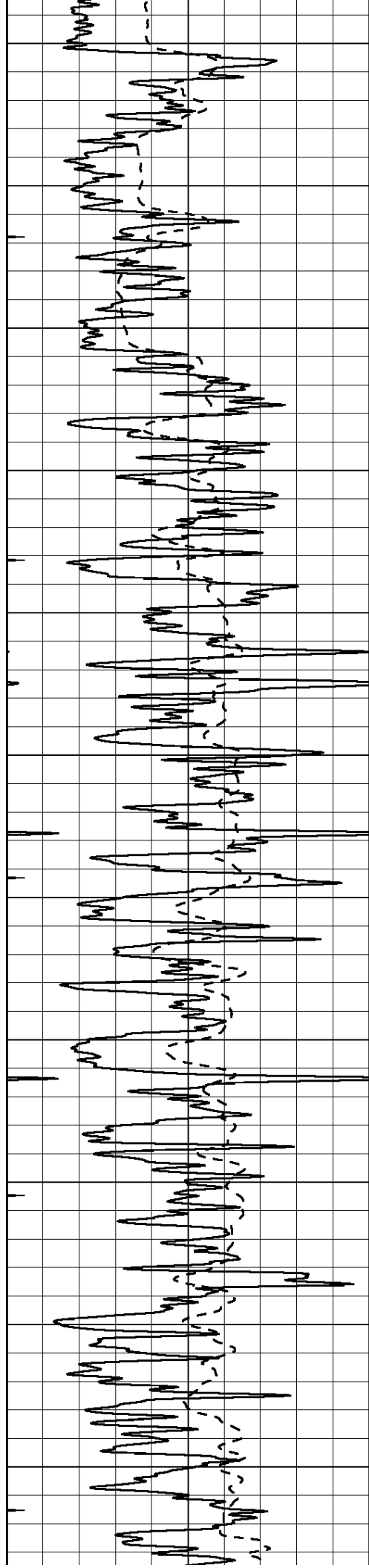
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1400

1450

1500





1550

1600

1650

1700

1750

1800

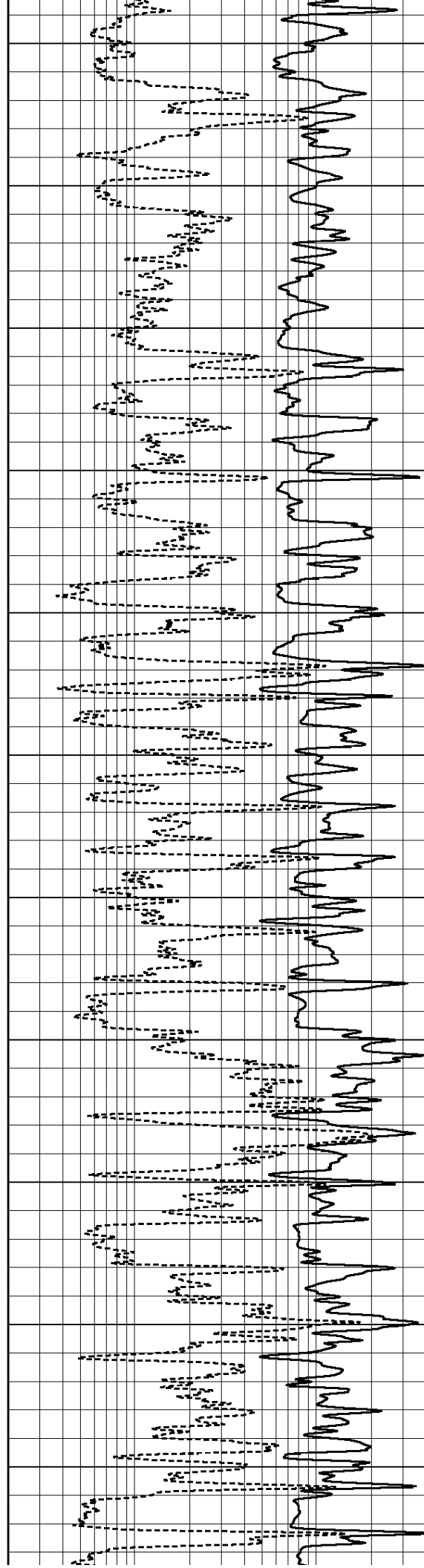
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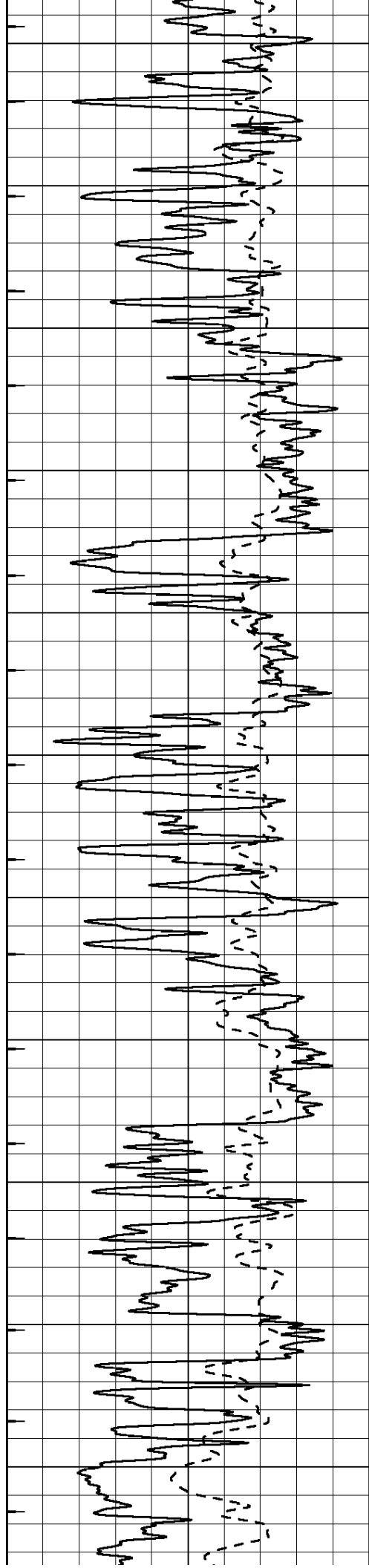
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1950

2000

2050





2100

2150

2200

2250

2300

2350

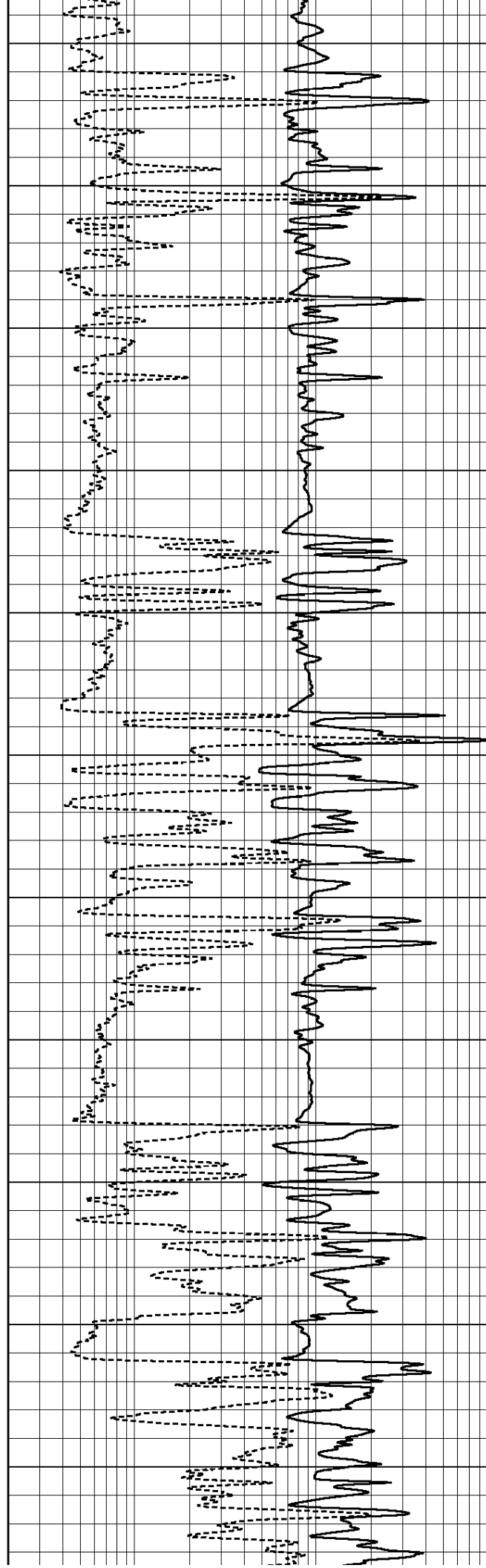
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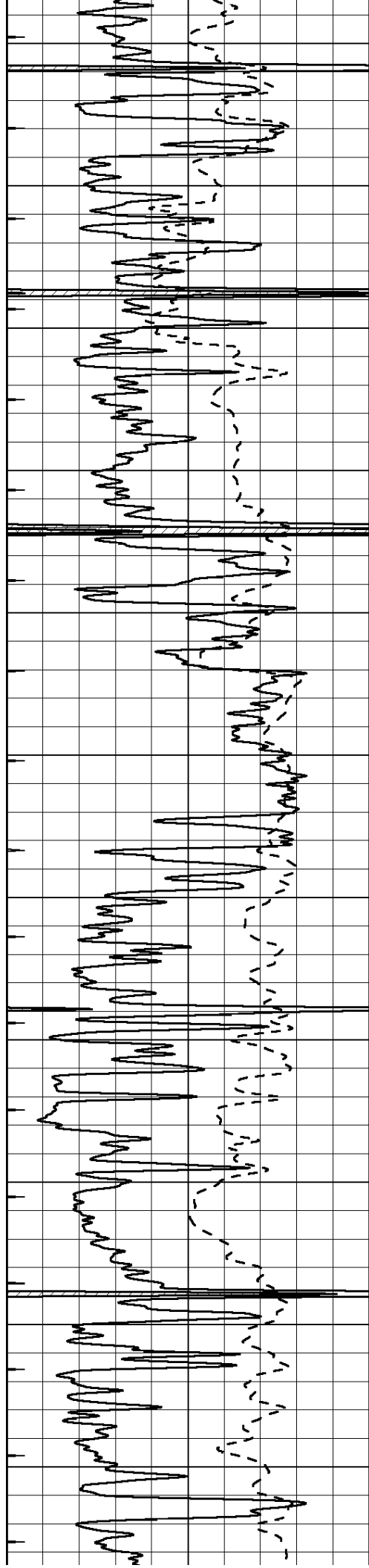
2450

2500

2550

2600





2650

2700

2750

2800

2850

2900

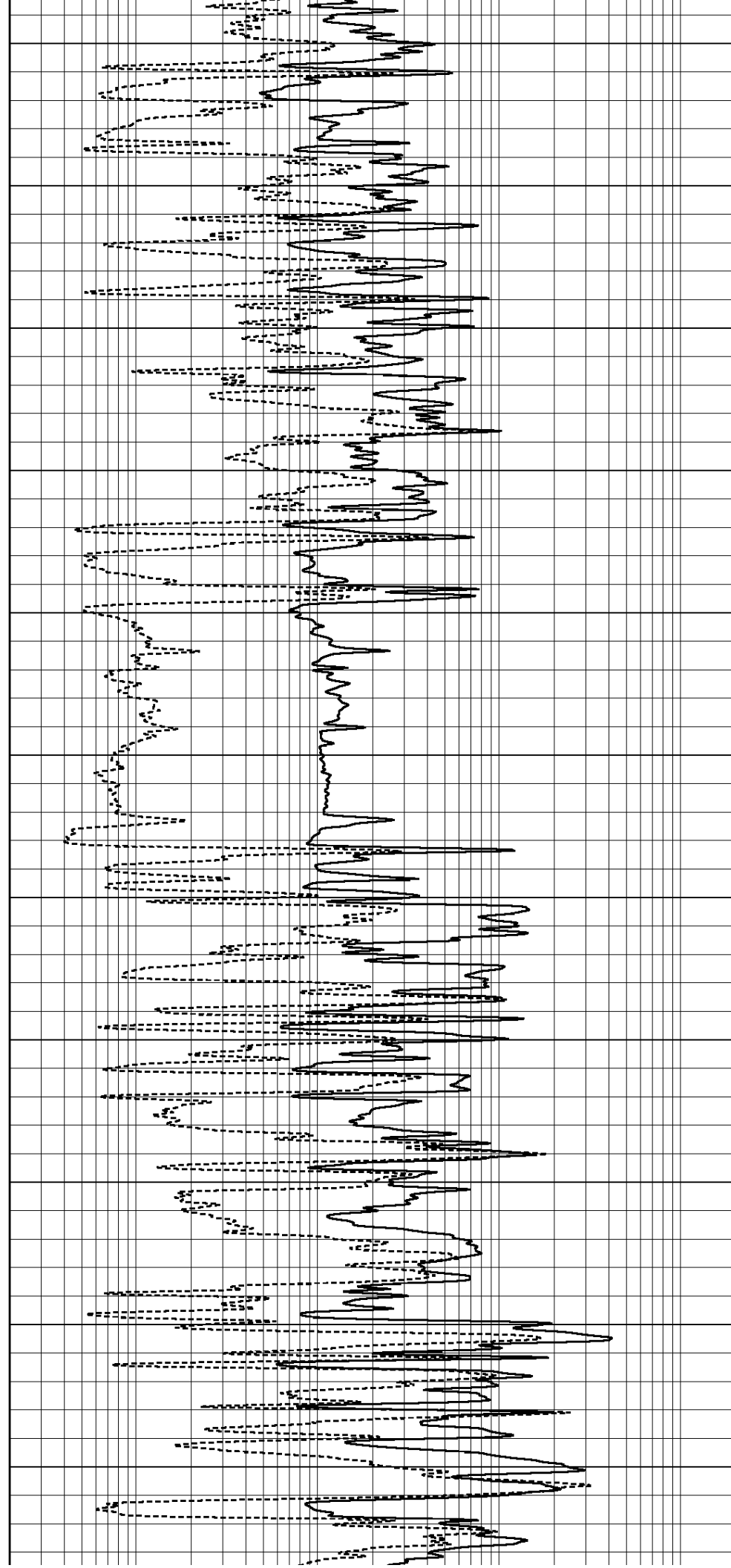
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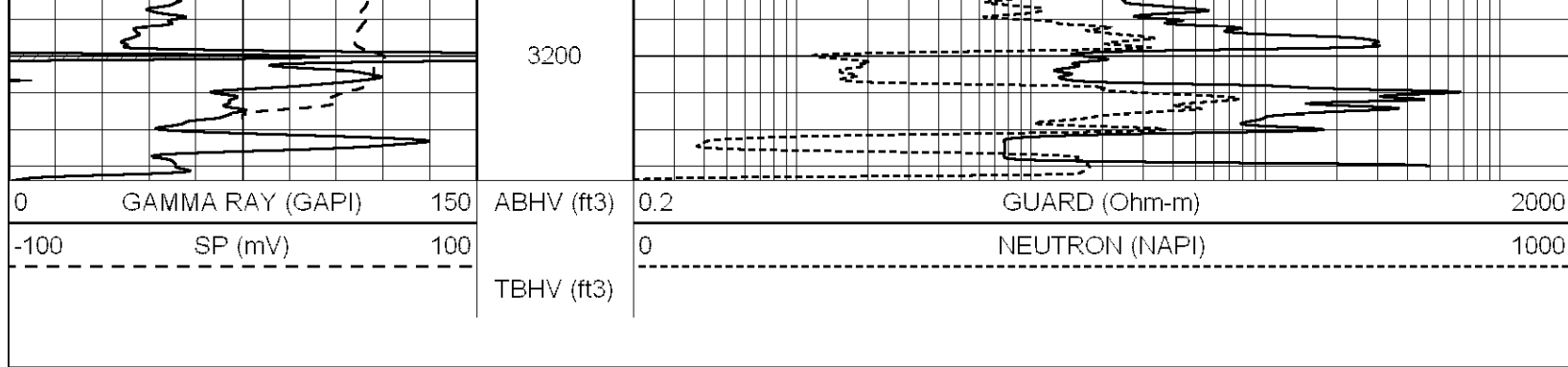
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3050

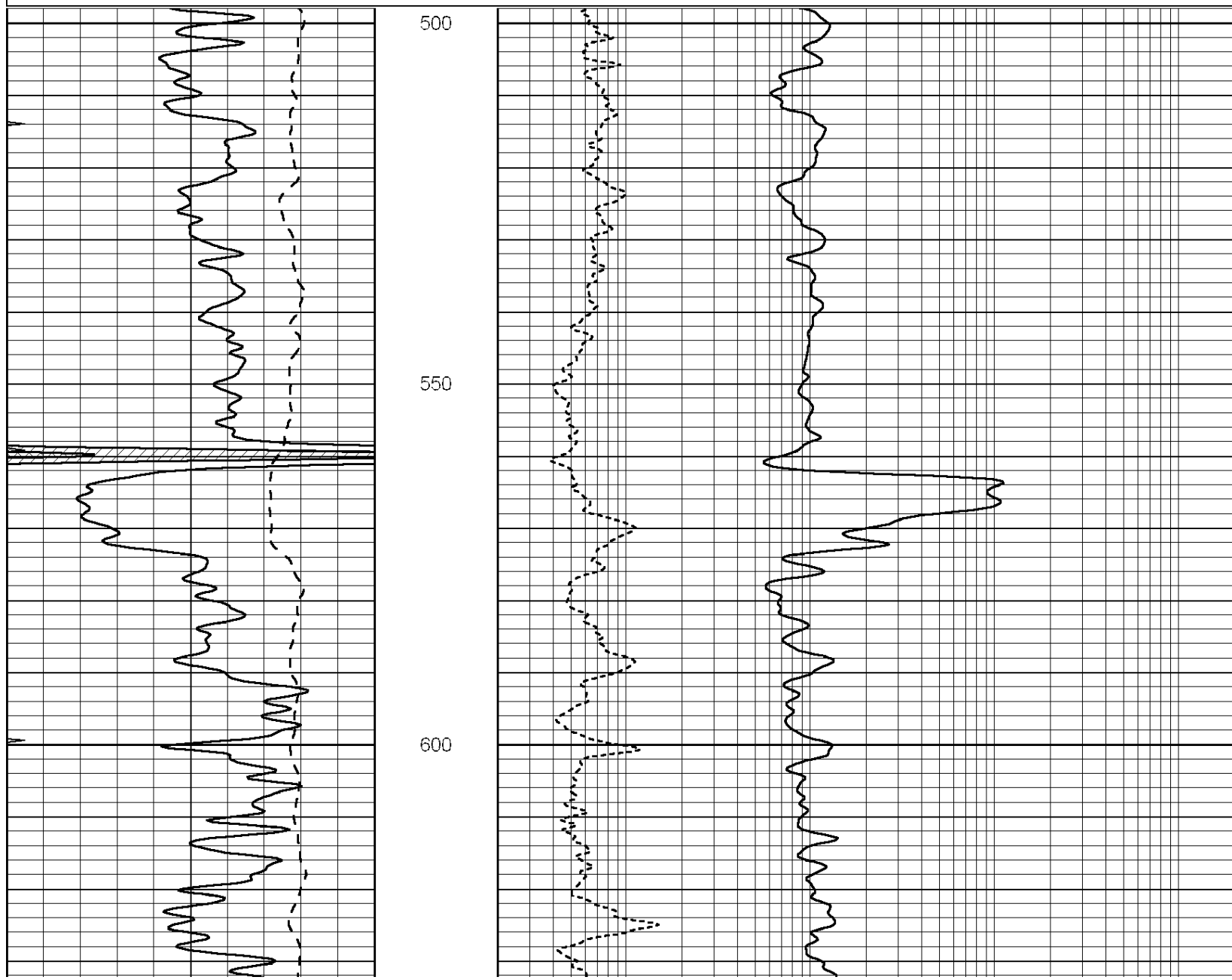
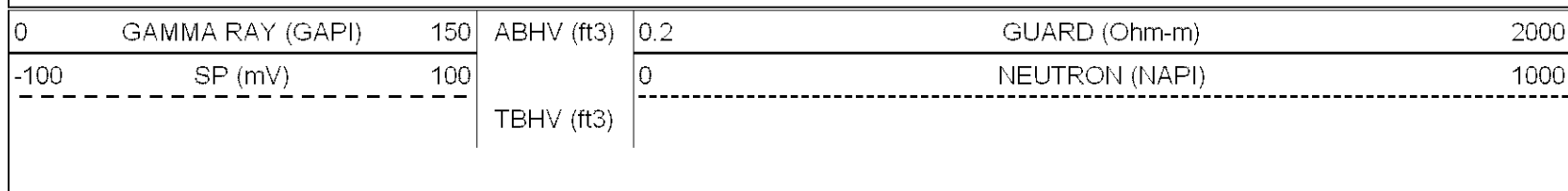
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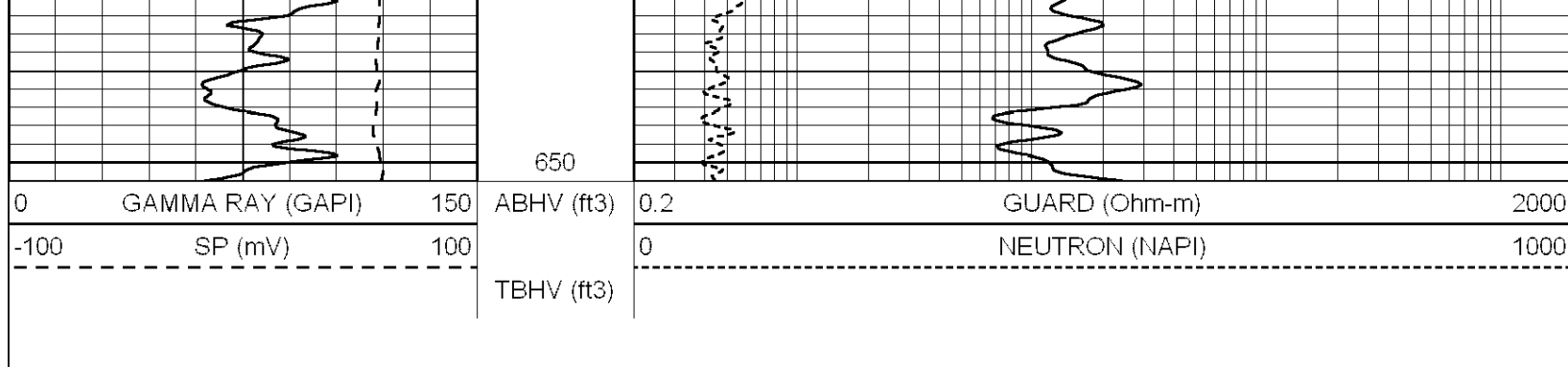
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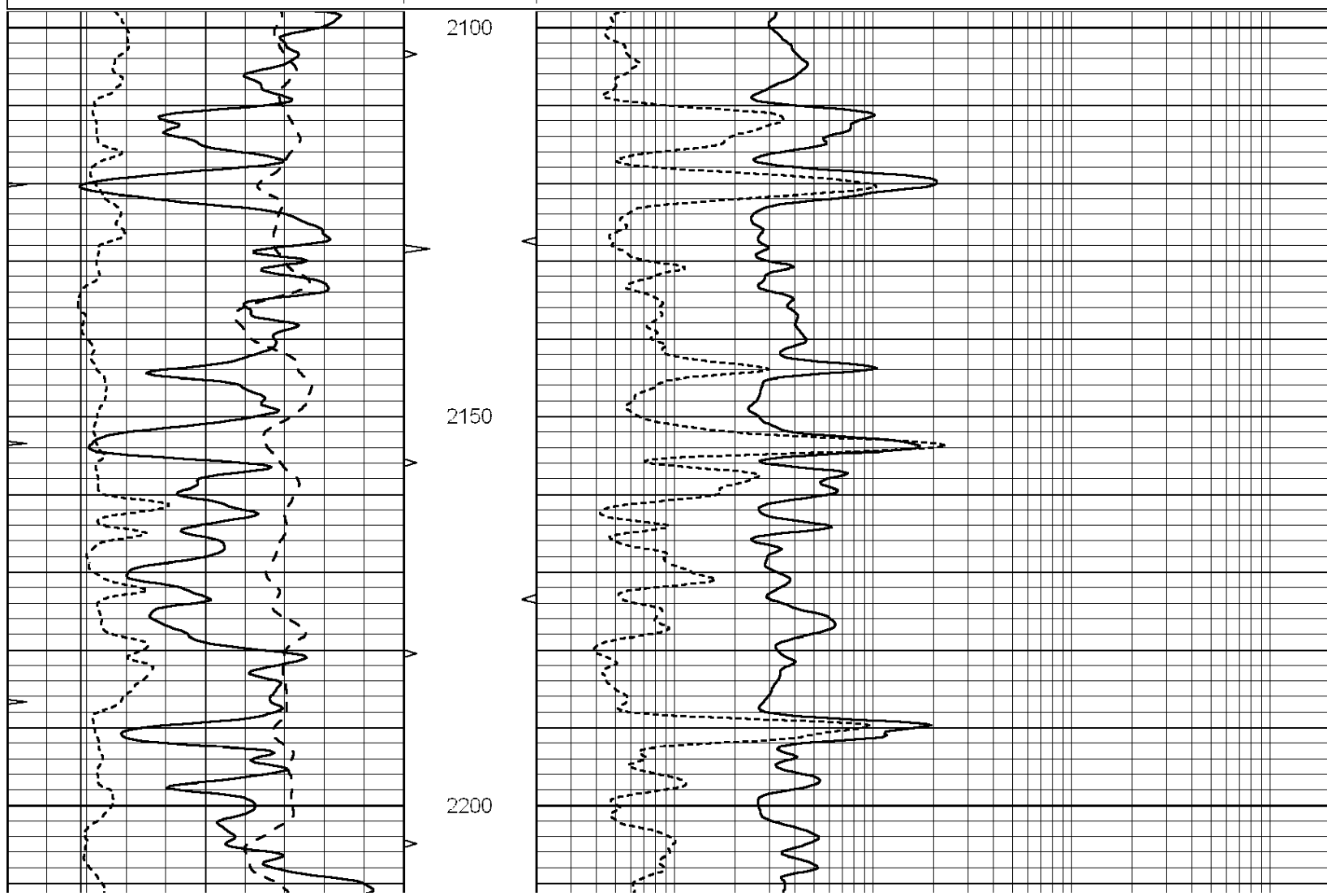
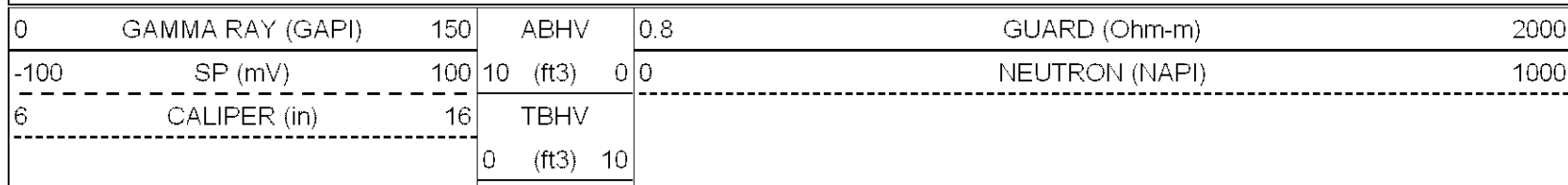
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Charted by: Depth in Feet scaled 1:240

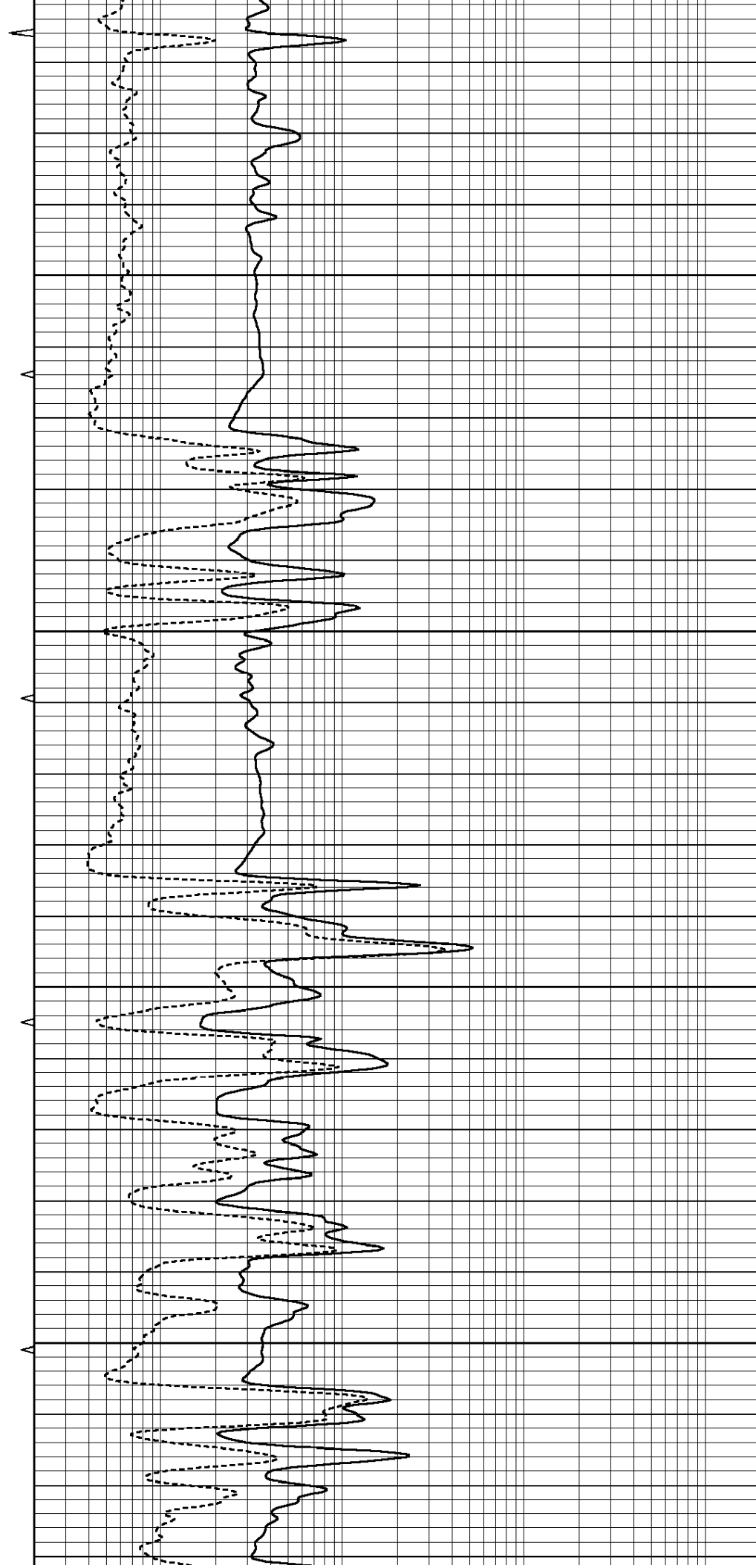
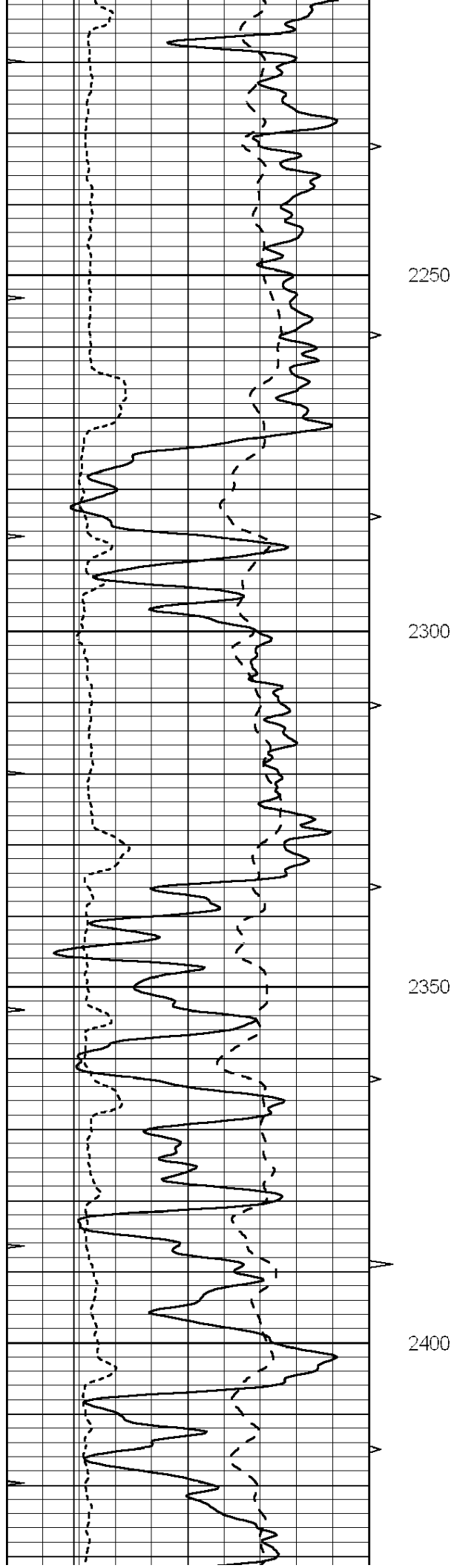


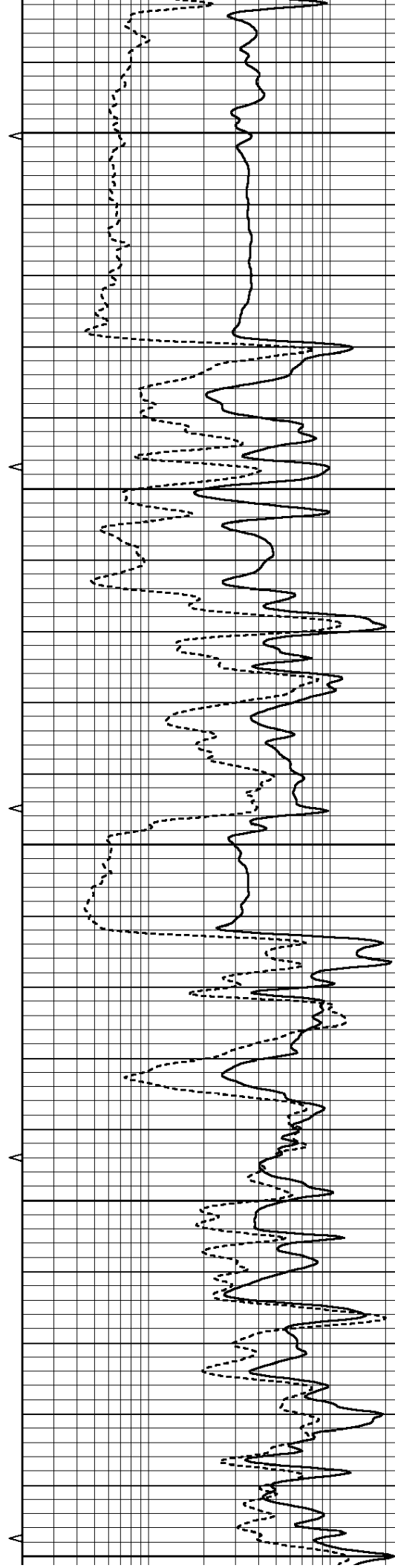
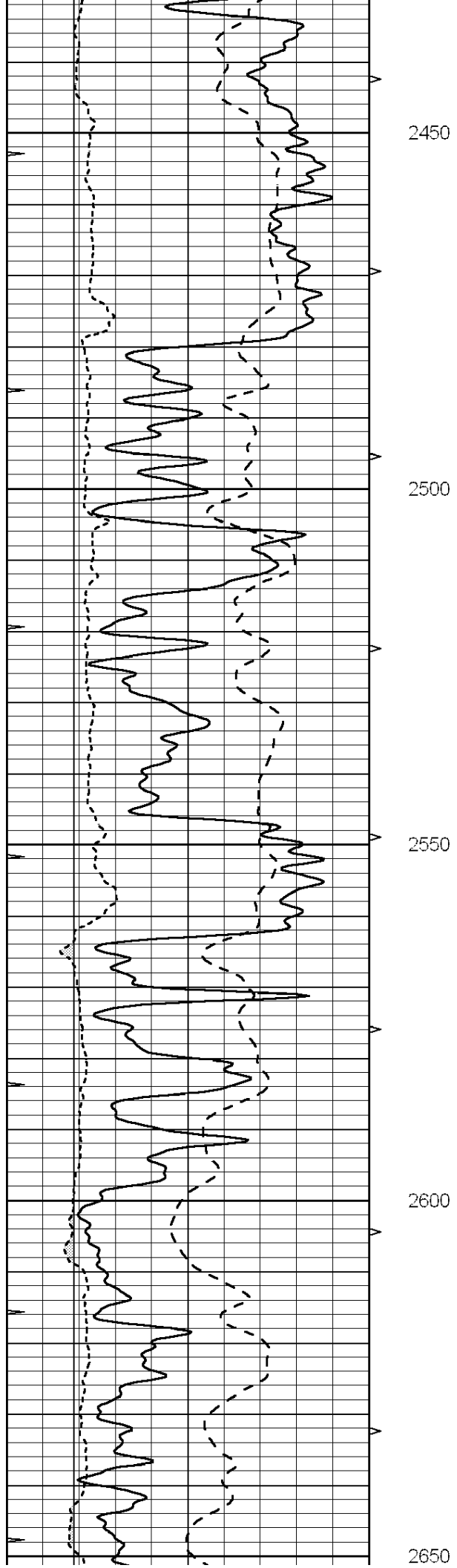


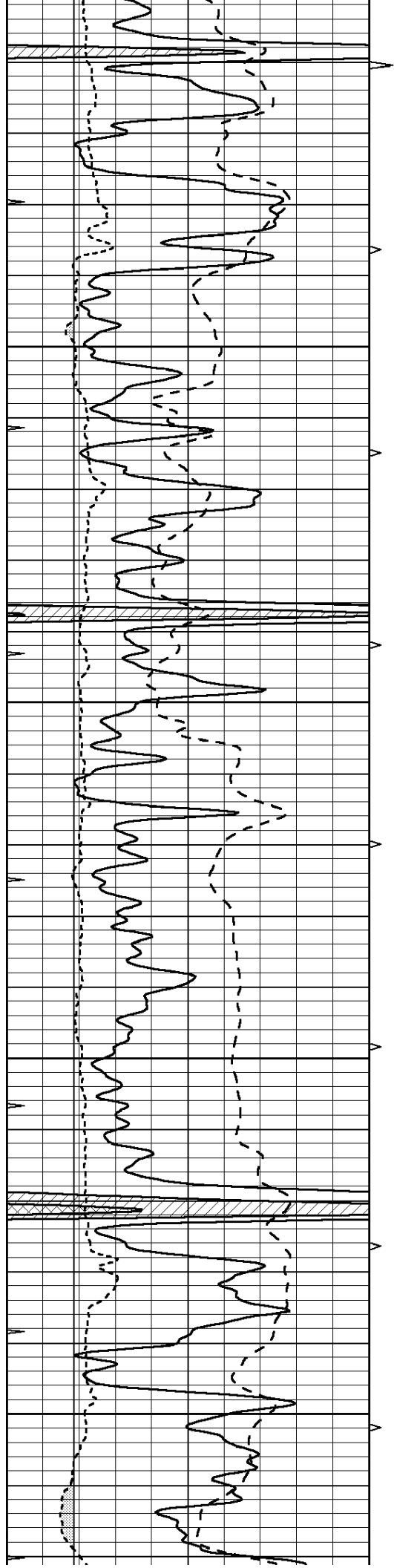
MAIN SECTION

Database File: 010844rag.db
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 Presentation Format: rag
 Dataset Creation: Wed Mar 27 07:50:50 2013 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240







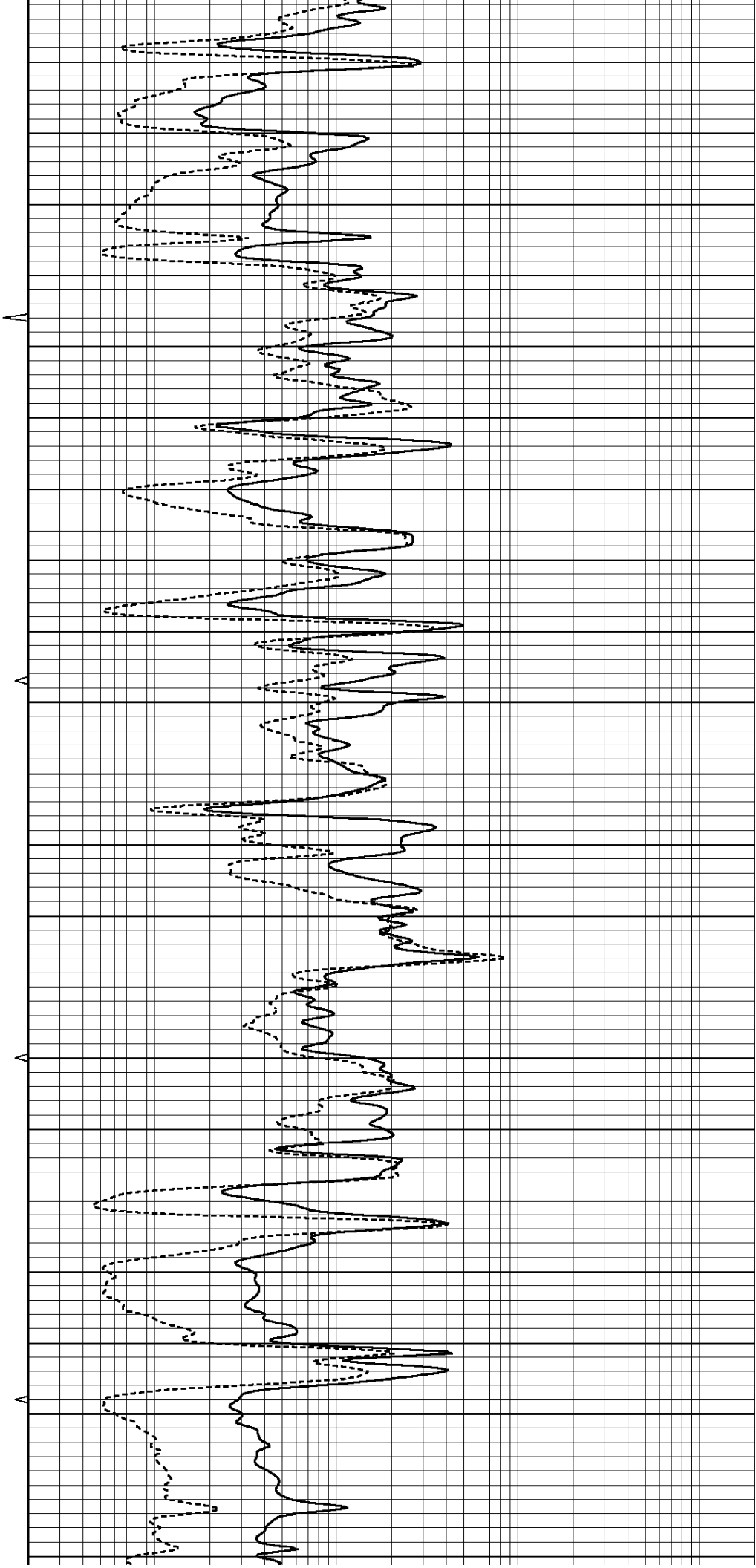


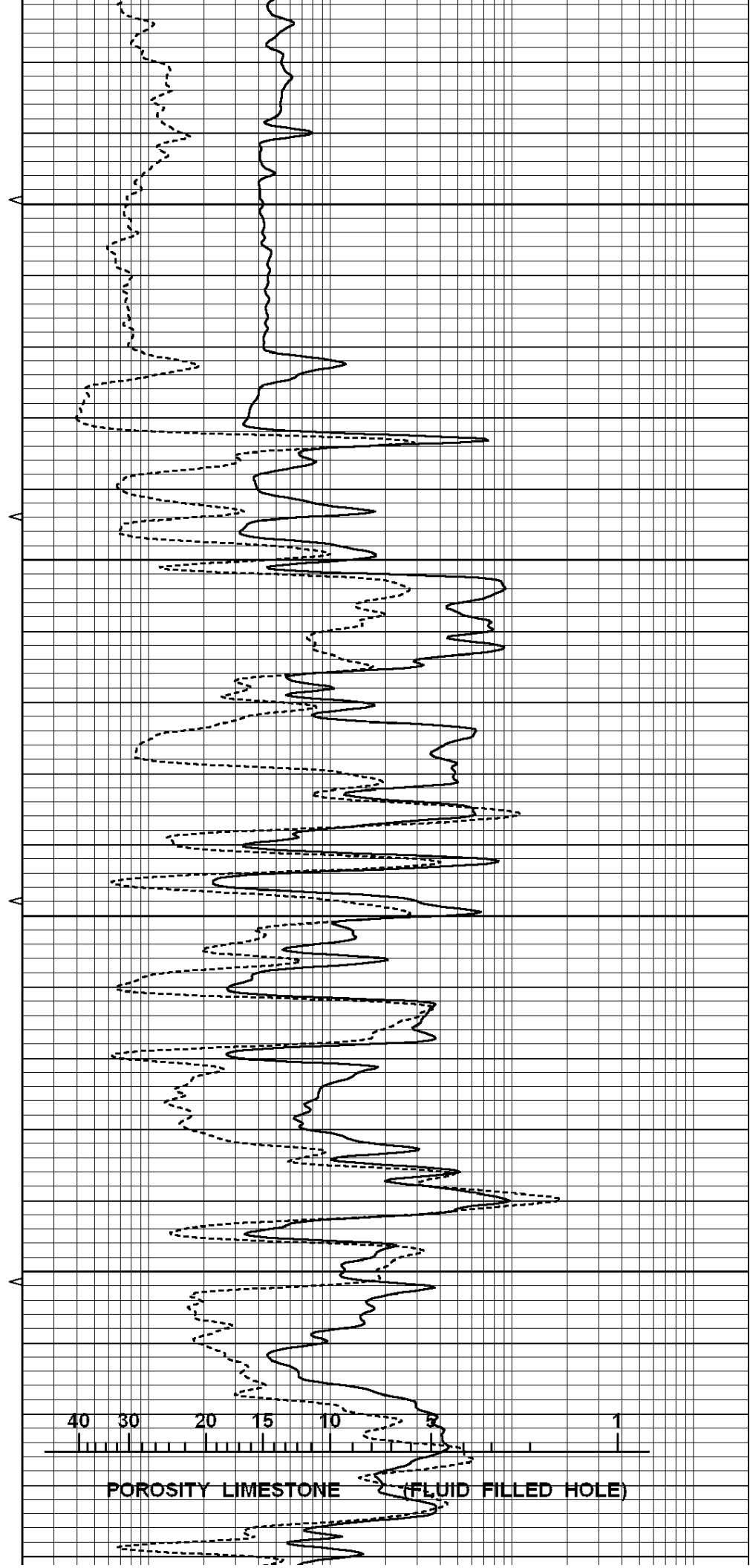
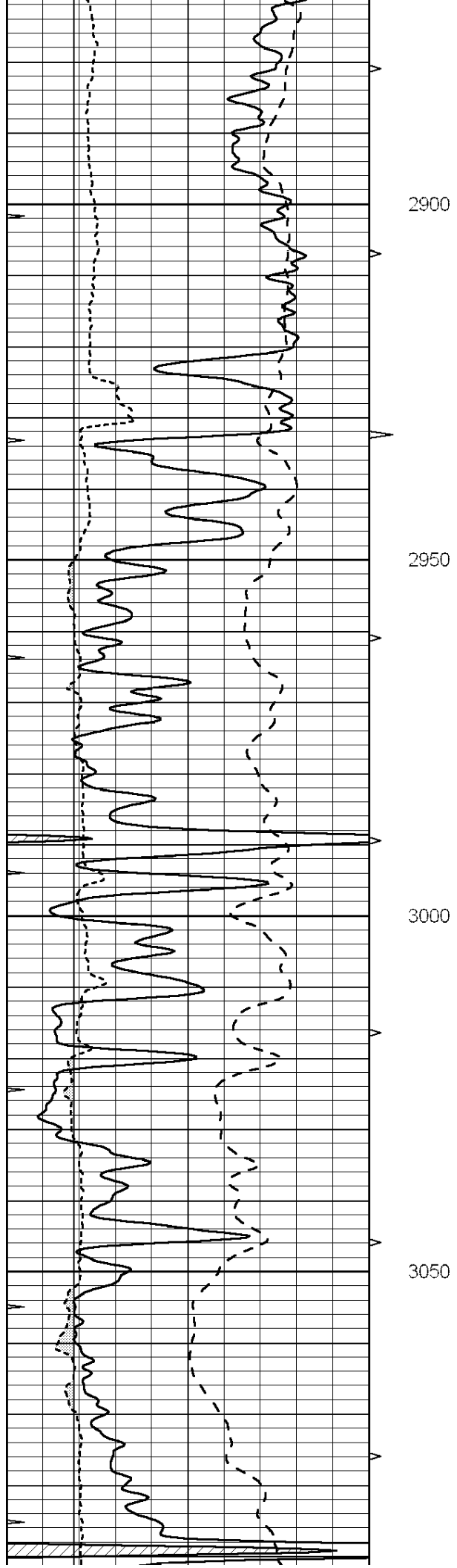
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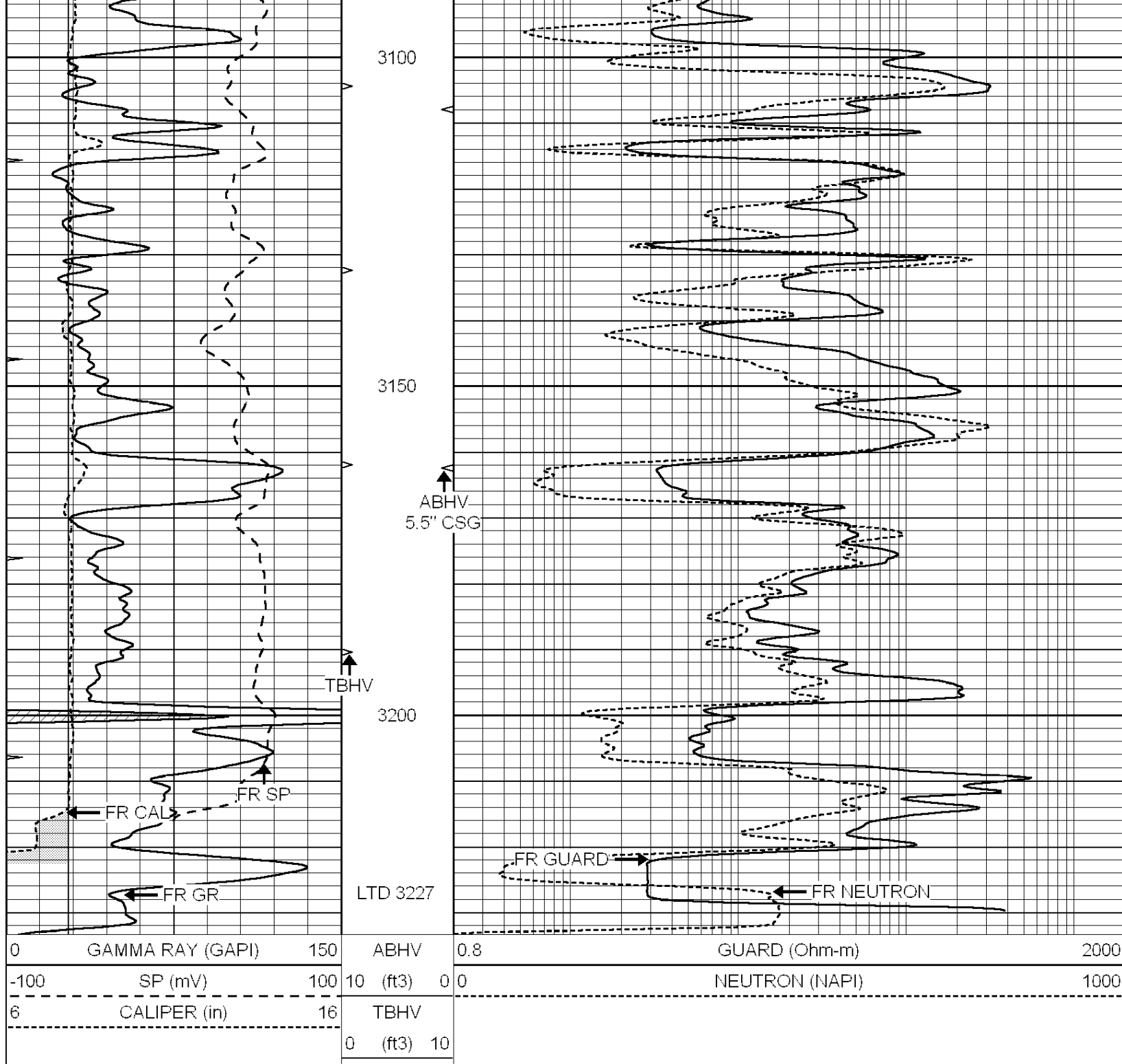
2750

2800

2850







REPEAT SECTION

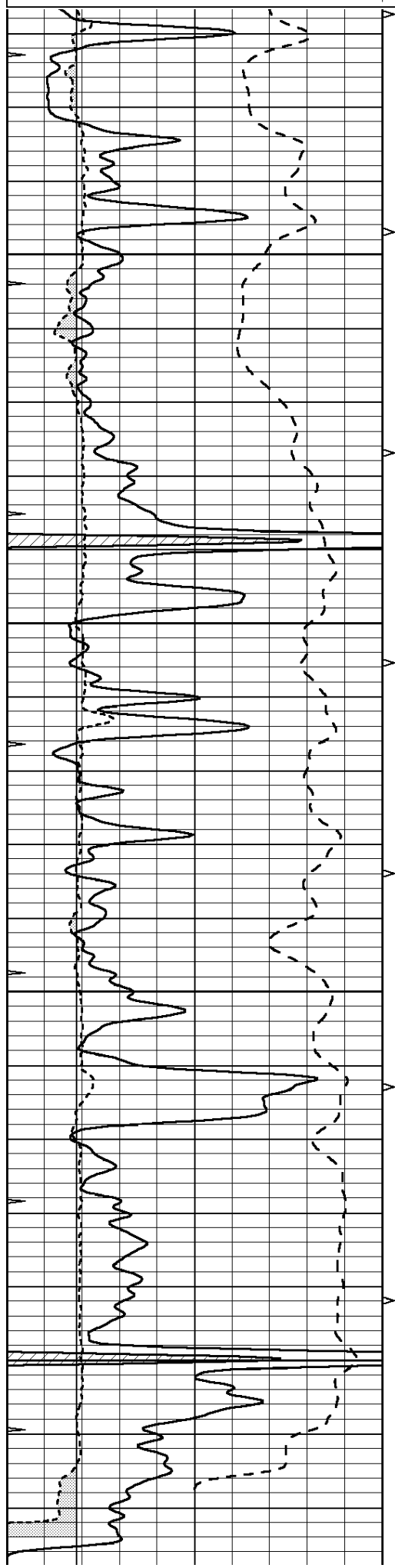
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 Dataset Pathname: pass2.1
 Presentation Format: rag
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 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0.8	GUARD (Ohm-m)	2000
-100	SP (mV)	100	10 (ft3)	0 0	NEUTRON (NAPI)	1000
6	CALIPER (in)	16	TBHV			
			0 (ft3)	10		

CALIPER (in)

FBHV

0 (ft3) 10

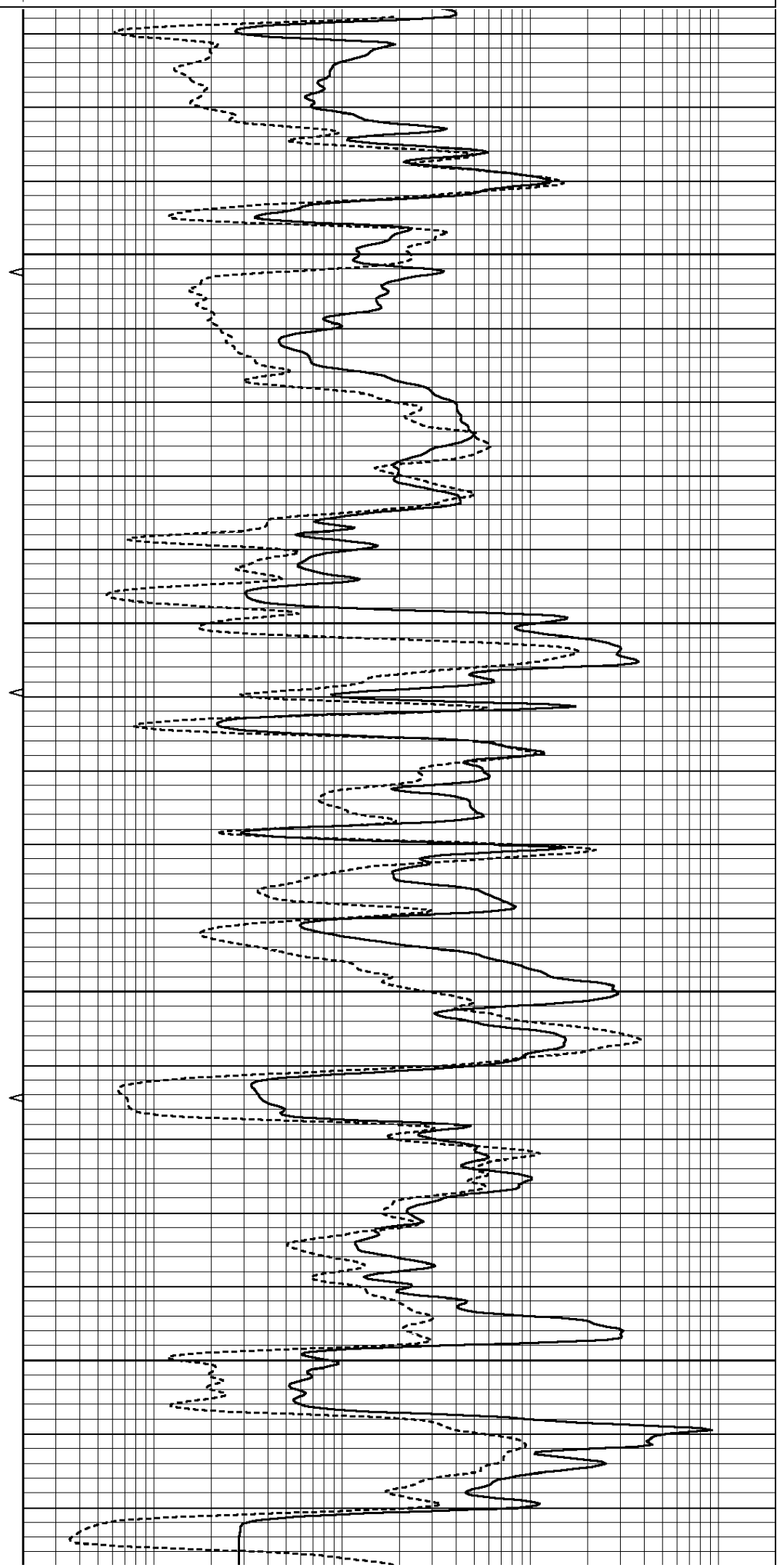


3050

3100

3150

3200



0	GAMMA RAY (GAPI)	150	ABHV	0.8	GUARD (Ohm-m)	2000		
-100	SP (mV)	100	10 (ft3) 0	0	NEUTRON (NAPI)	1000		
6	CALIPER (in)	16	TBHV					
			0 (ft3) 10					