



**SUPERIOR
Hays,
Kansas**

**RADIATION
GUARD LOG**

Company	TRANS PACIFIC OIL CORPORATION		
Well	#1-13 LEIKER "B"		
Field			
County	ELLIS	State	KANSAS
Location:	API # : 15-051-26257		Other Services
2310' FNL & 860' FWL			
SEC 13 TWP 15S RGE 18W		Elevation	
Permanent Datum	GROUND LEVEL	Elevation	2004
Log Measured From	KELLY BUSHING 5' A.G.L.	K.B. 2009	
Drilling Measured From	KELLY BUSHING	D.F.	
		G.L. 2004	
Date	2-9-12		
Run Number	ONE		
Depth Driller	3589		
Depth Logger	3590		
Bottom Logged Interval	3589		
Top Log Interval	00		
Casing Driller	1182		
Casing Logger	1180		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.2 / 44		
pH / Fluid Loss	10.5 / 7.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.80 @ 63F		
Rmf @ Meas. Temp	0.60 @ 63F		
Rmc @ Meas. Temp	0.96 @ 63F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	.450 @ 111F		
Time Circulation Stopped	3 HOURS		
Time Logger on Bottom	2:30 A.M.		
Maximum Recorded Temperature	111F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	BRYCE BIDLEMAN		

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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: MUNJOR, S TO NORFOLK RD., 1/2S, W INTO.

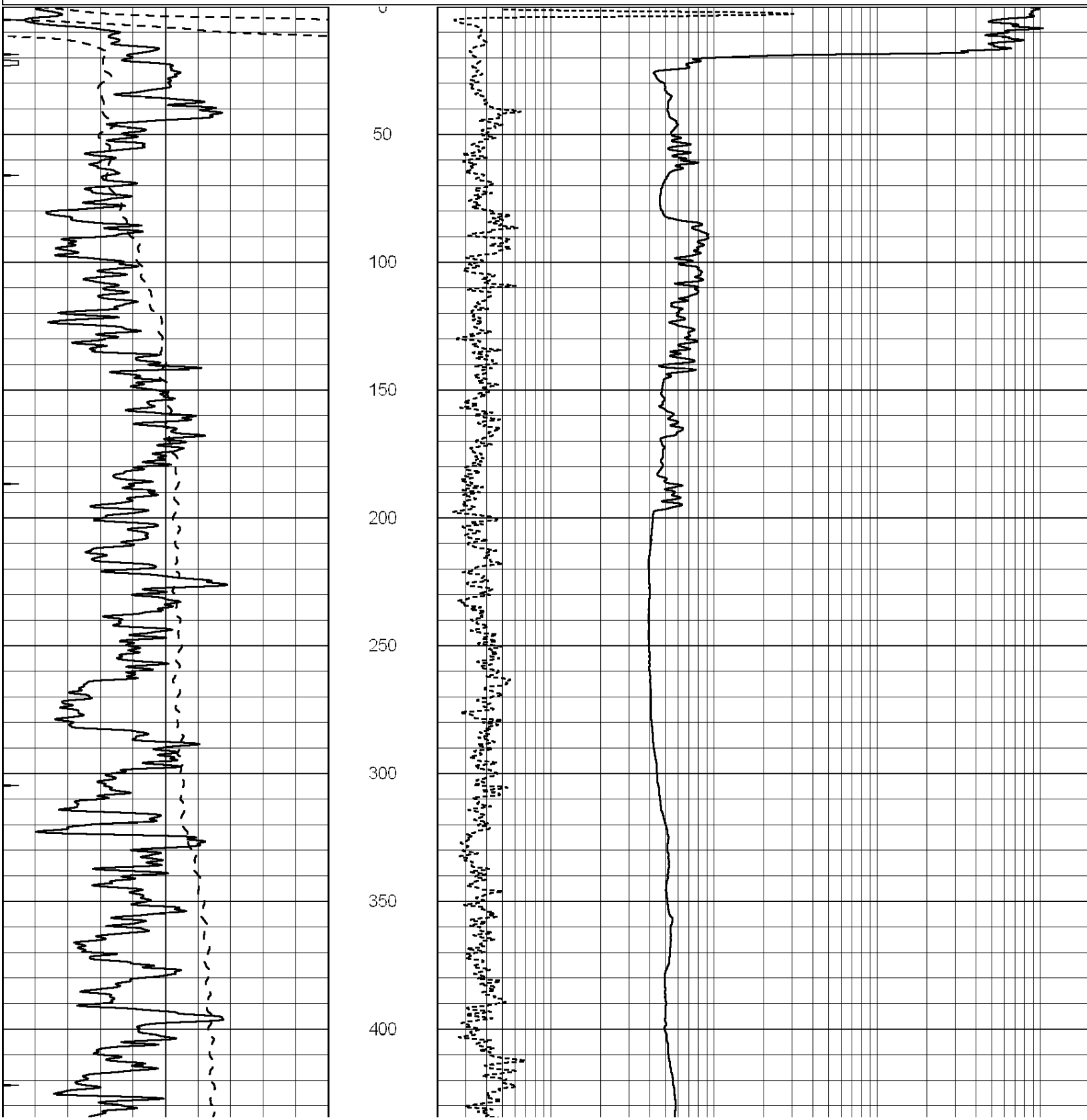


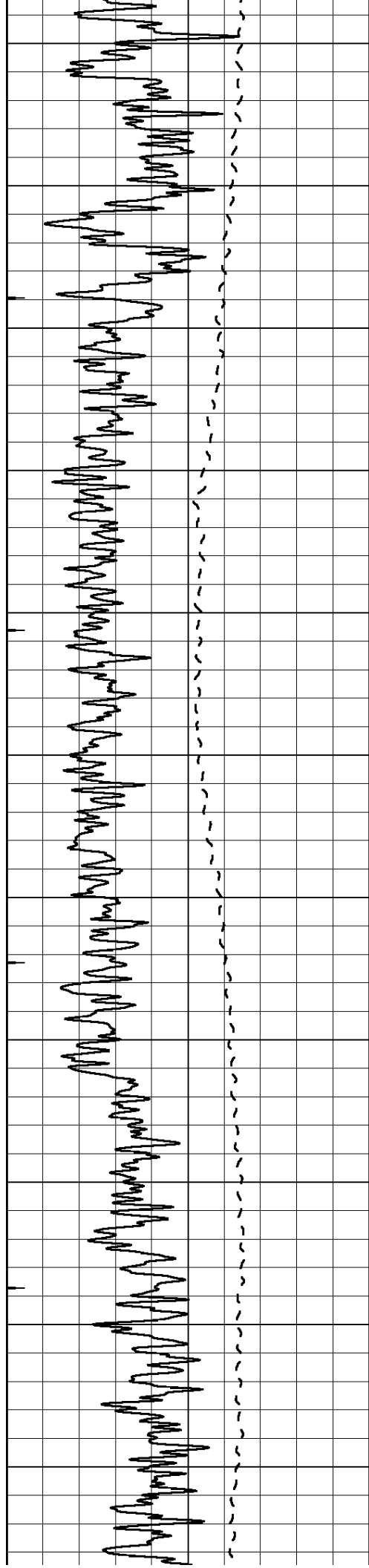
**SUPERIOR
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MAIN SECTION

Database File: 008473rag.db
 Dataset Pathname: pass4A
 Presentation Format: rag2
 Dataset Creation: Thu Feb 09 05:23:12 2012
 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

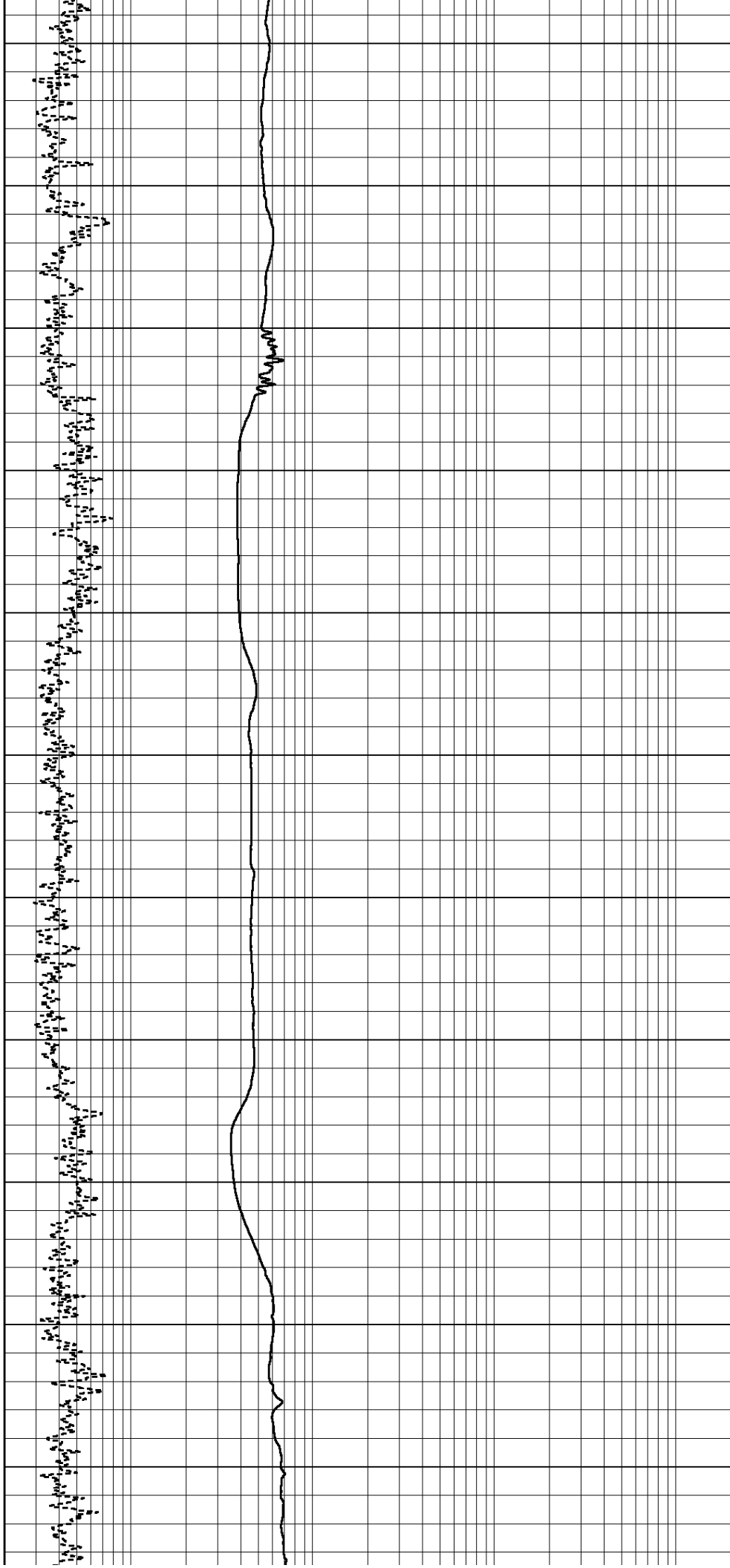
750

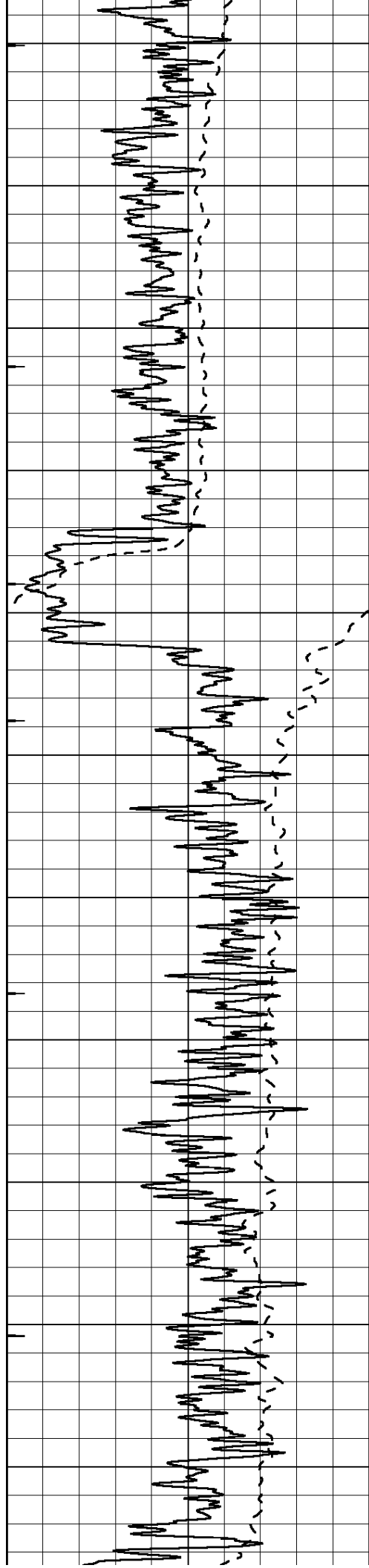
800

850

900

950





1000

1050

1100

1150

1200

1250

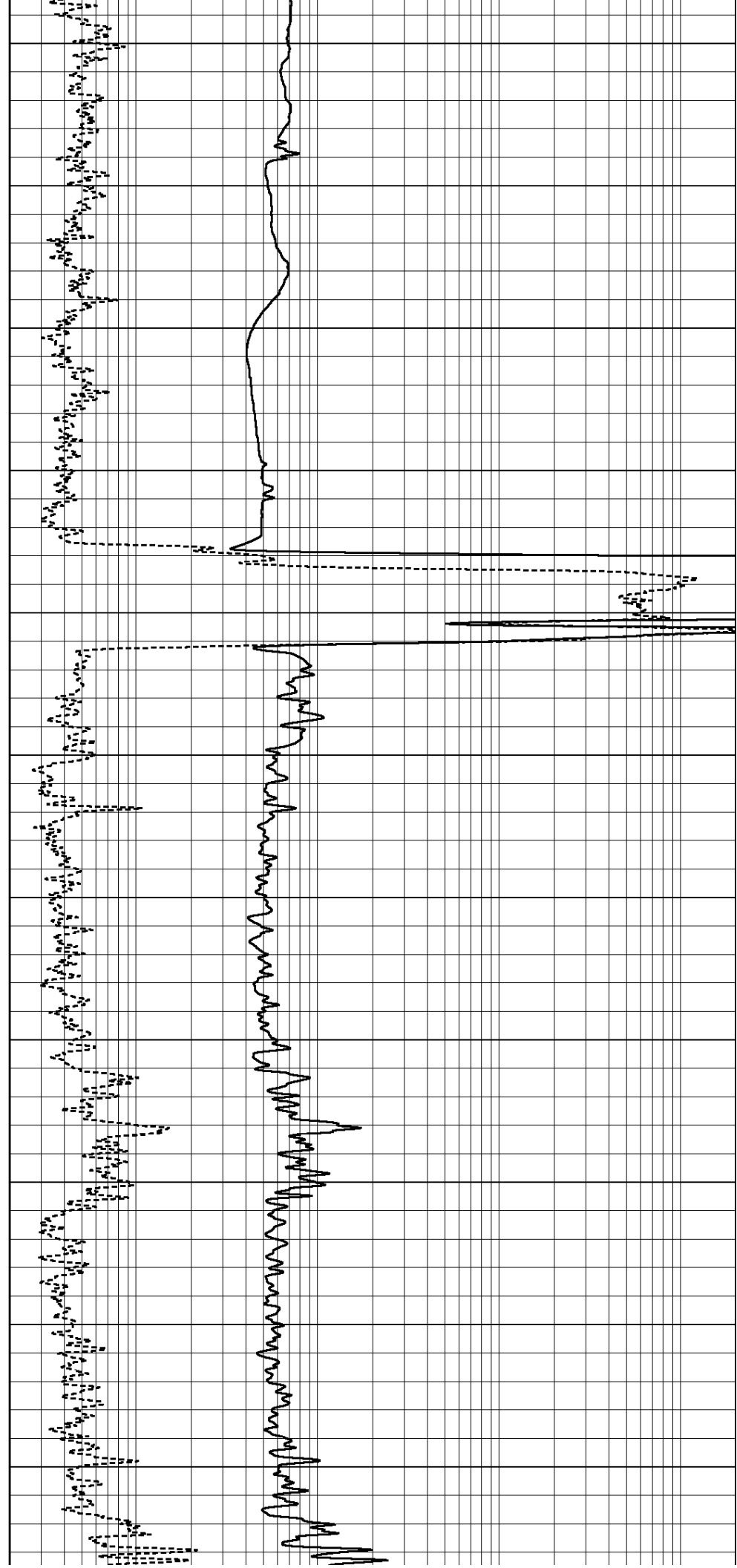
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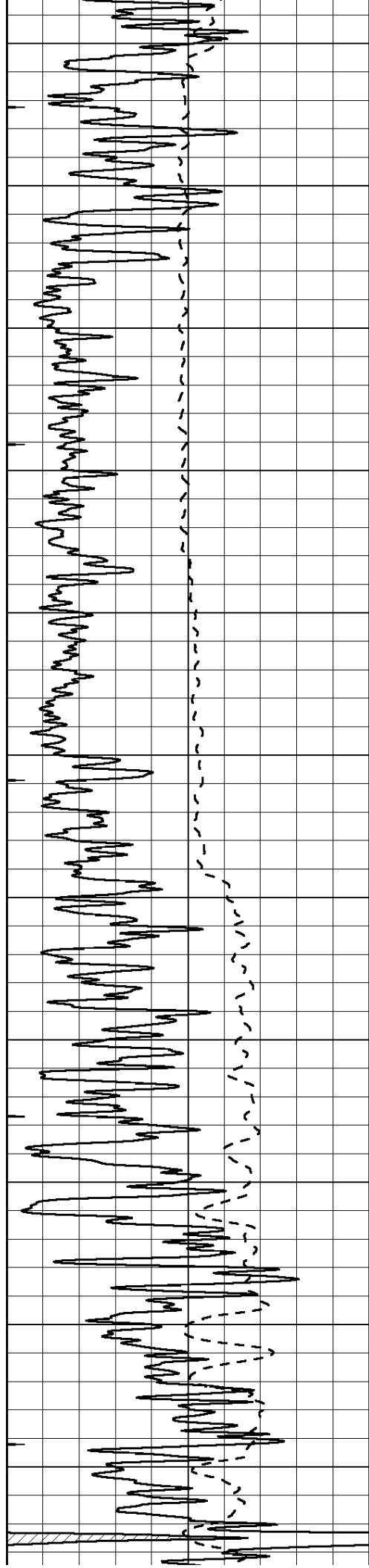
1350

1400

1450

1500





1550

1600

1650

1700

1750

1800

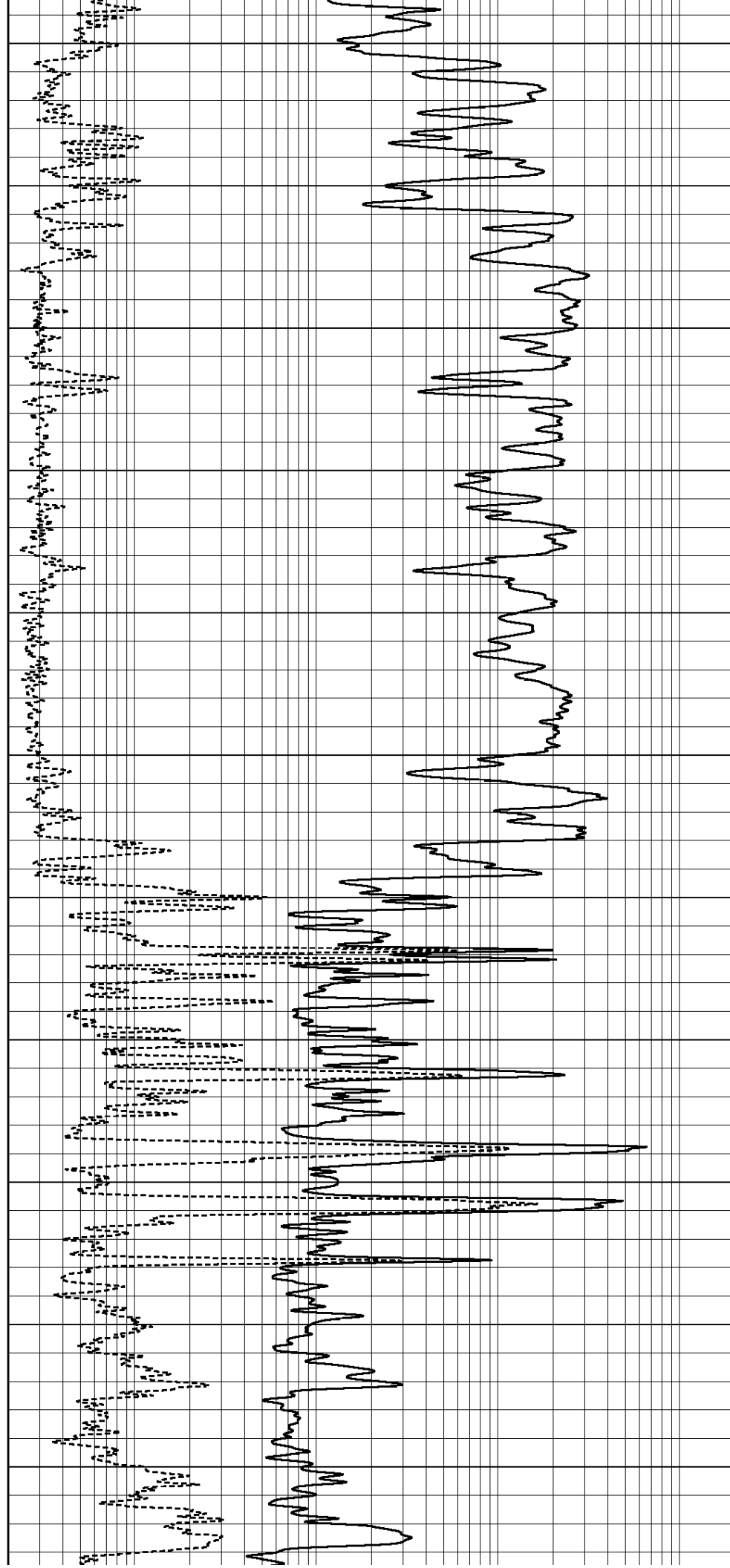
1850

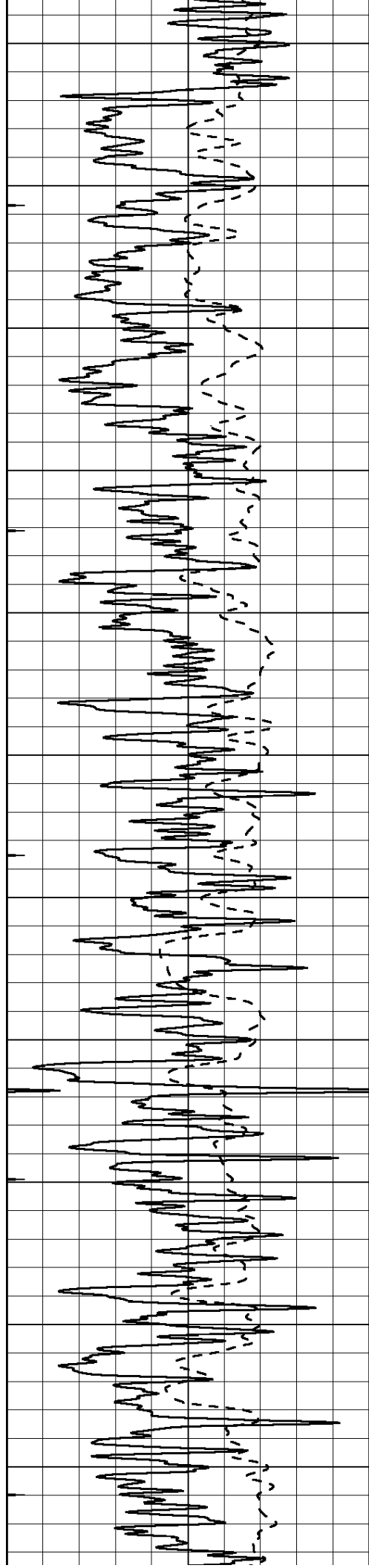
1900

1950

2000

2050





2100

2150

2200

2250

2300

2350

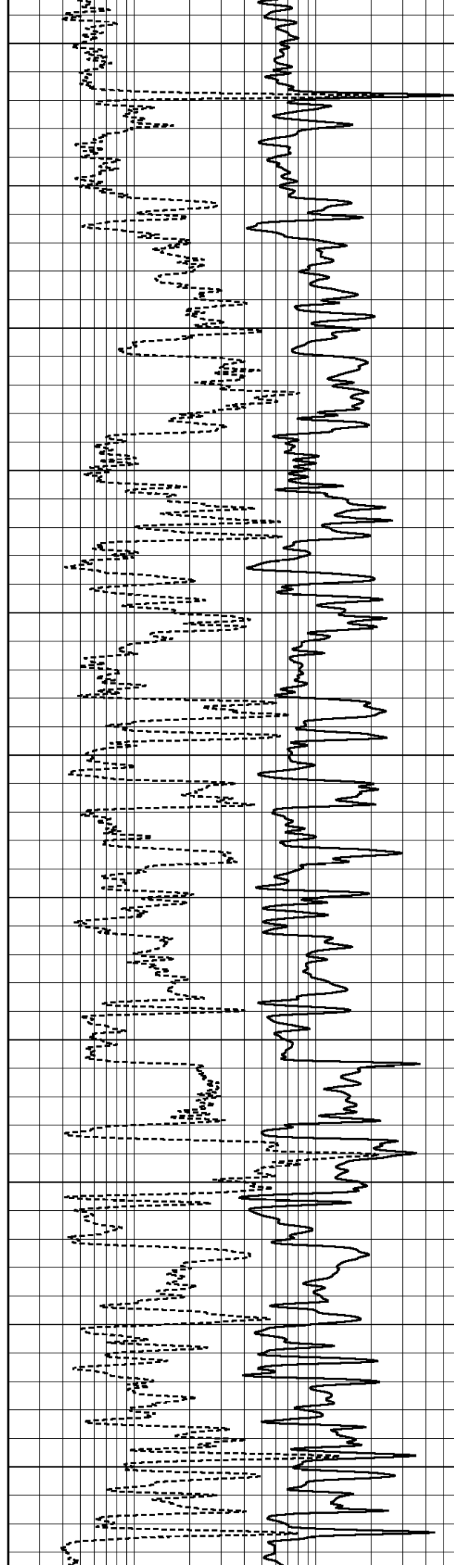
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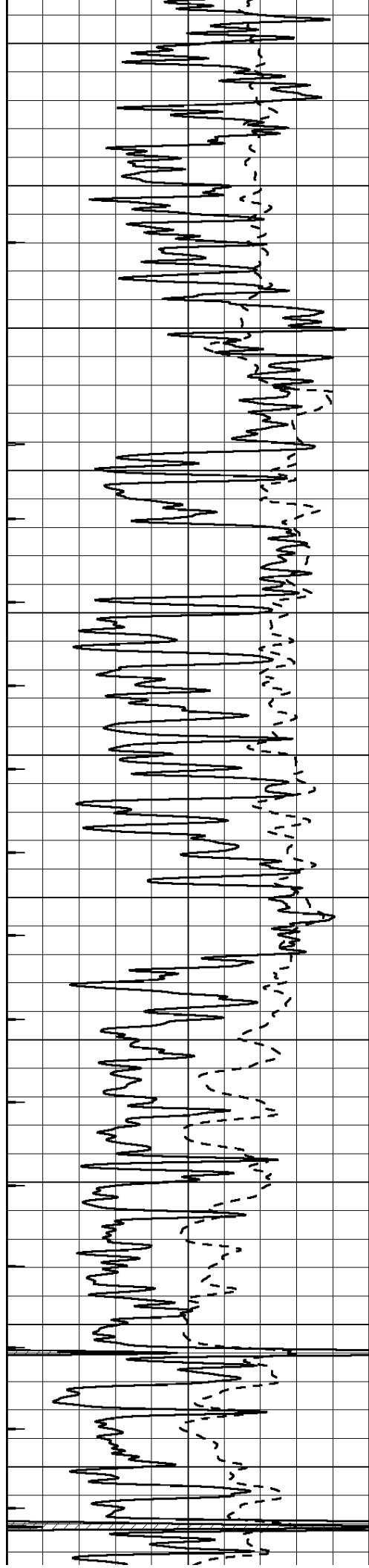
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2500

2550

2600





2650

2700

2750

2800

2850

2900

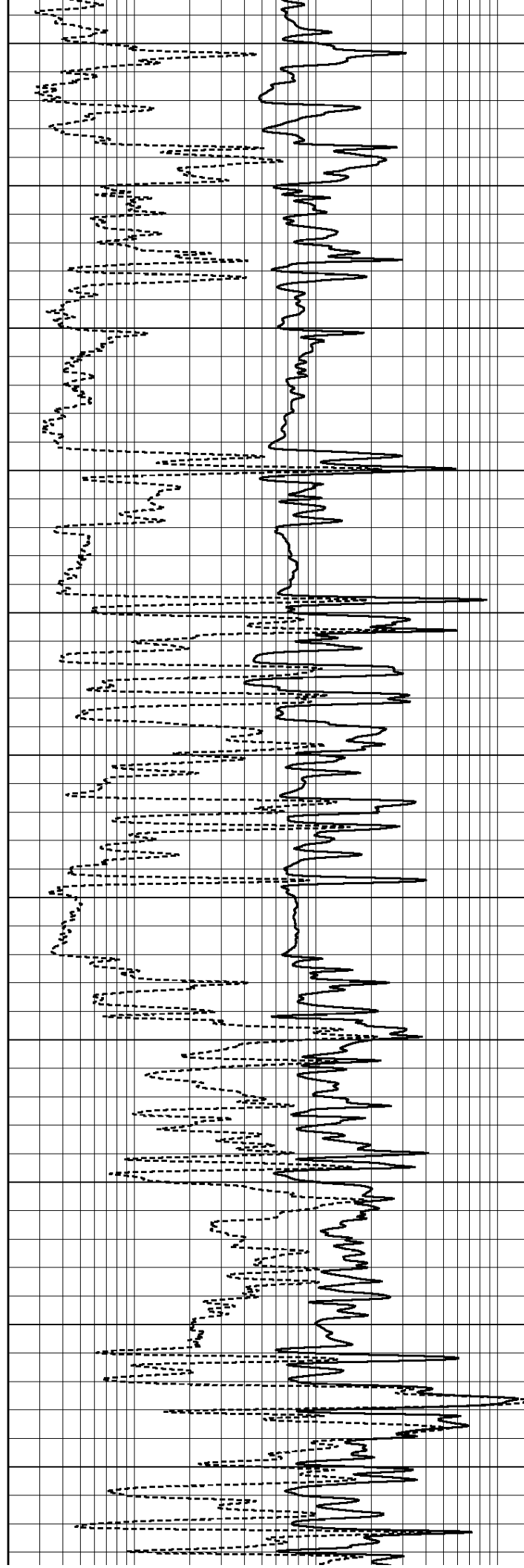
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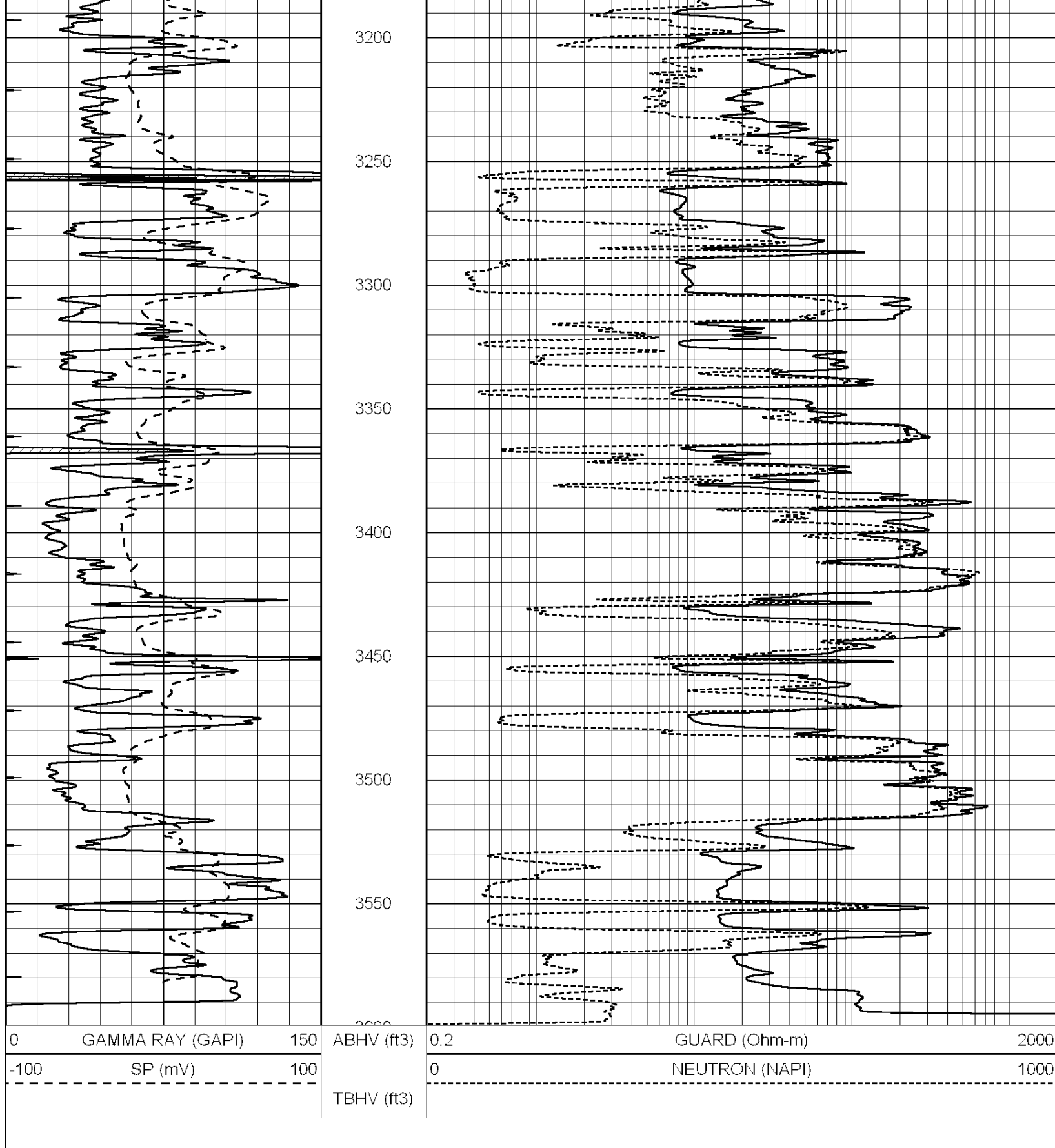
3000

3050

3100

3150

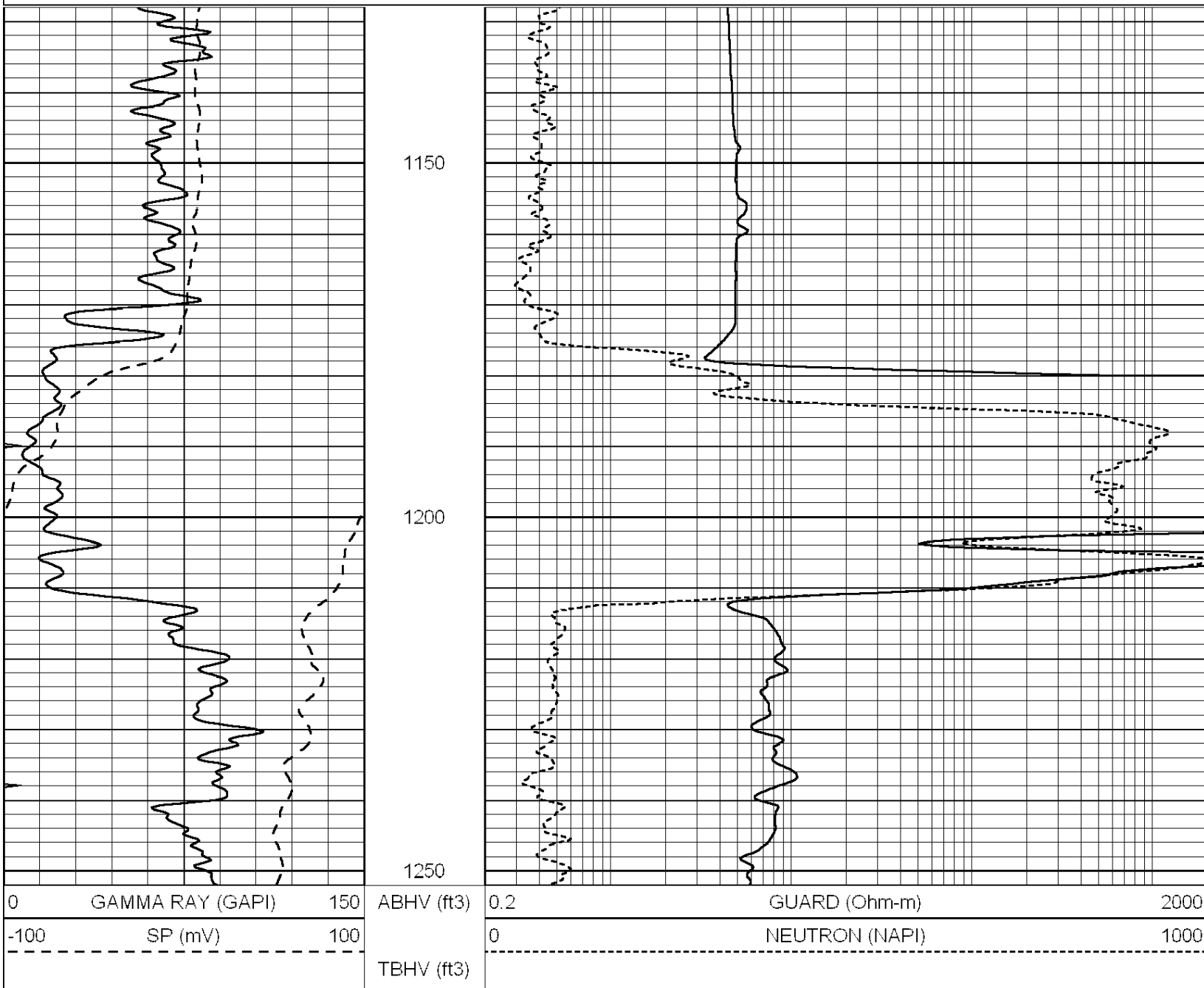




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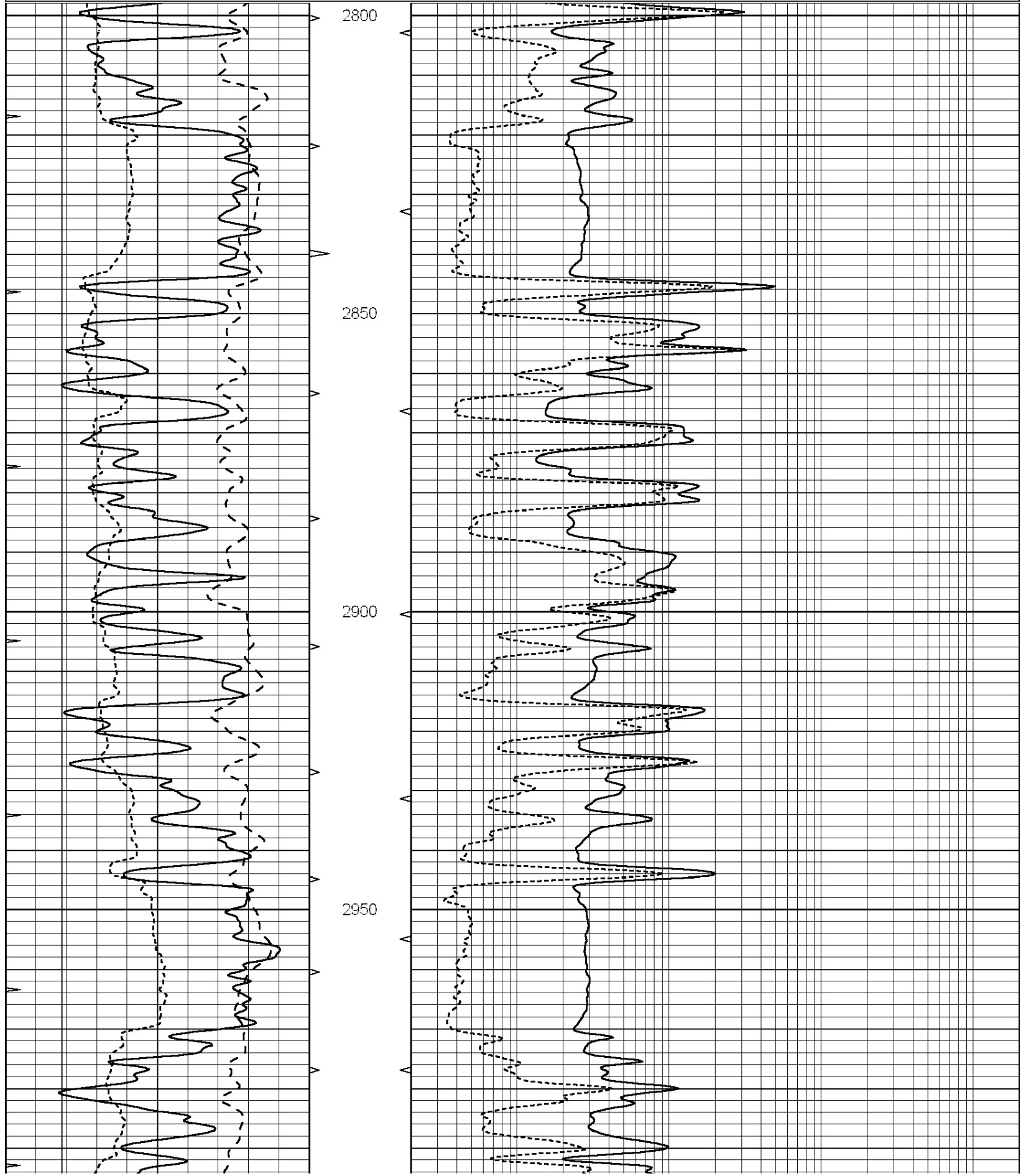
0	GAMMA RAY (GAPI)	150	ABHV (ft3)	0.2	GUARD (Ohm-m)	2000
-100	SP (mV)	100		0	NEUTRON (NAPI)	1000
			TBHV (ft3)			

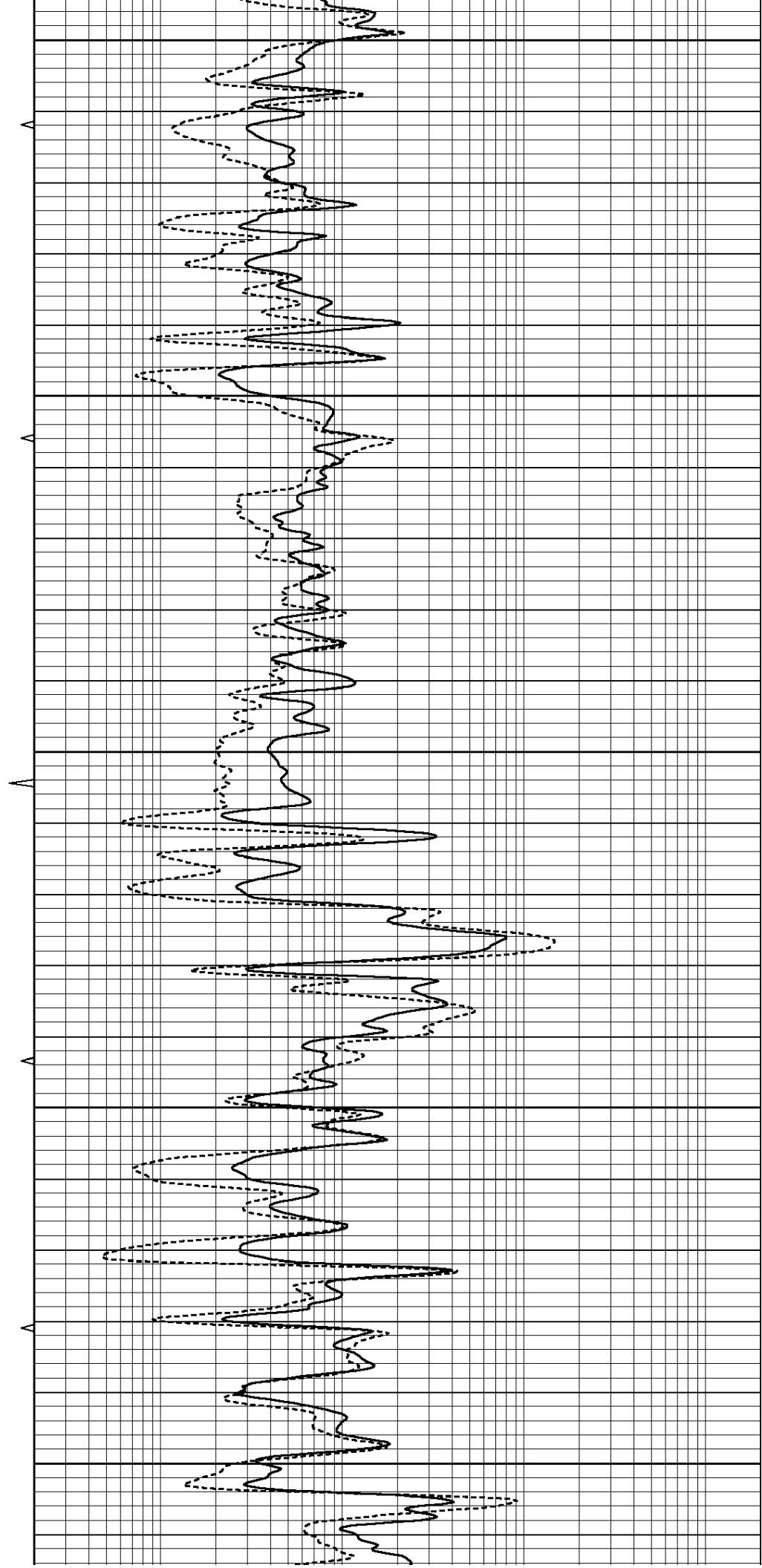
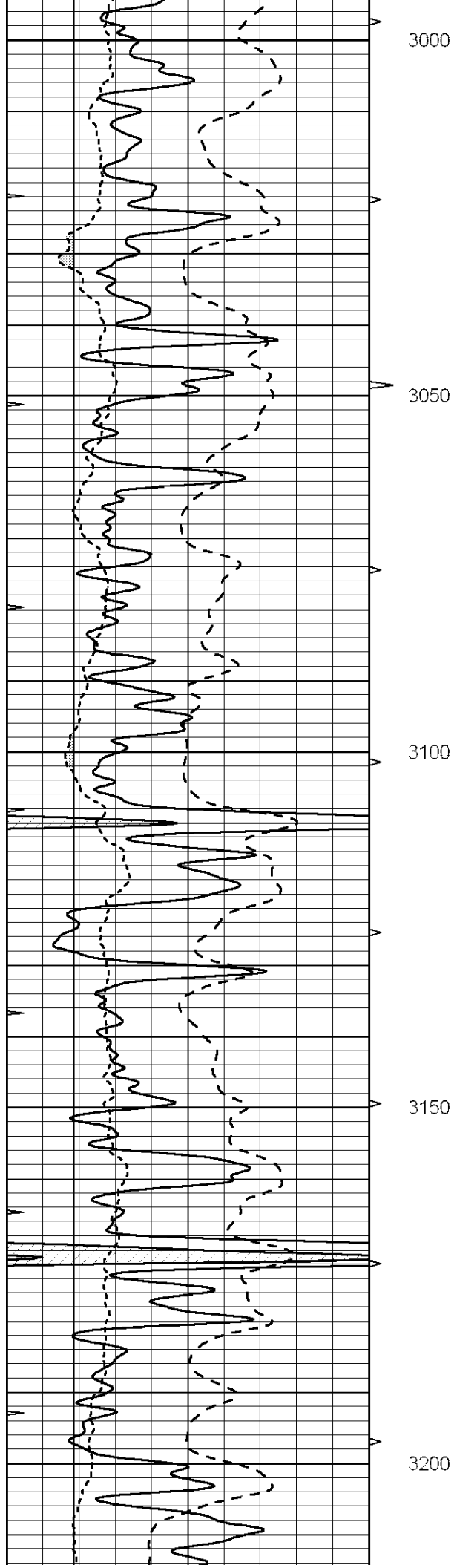


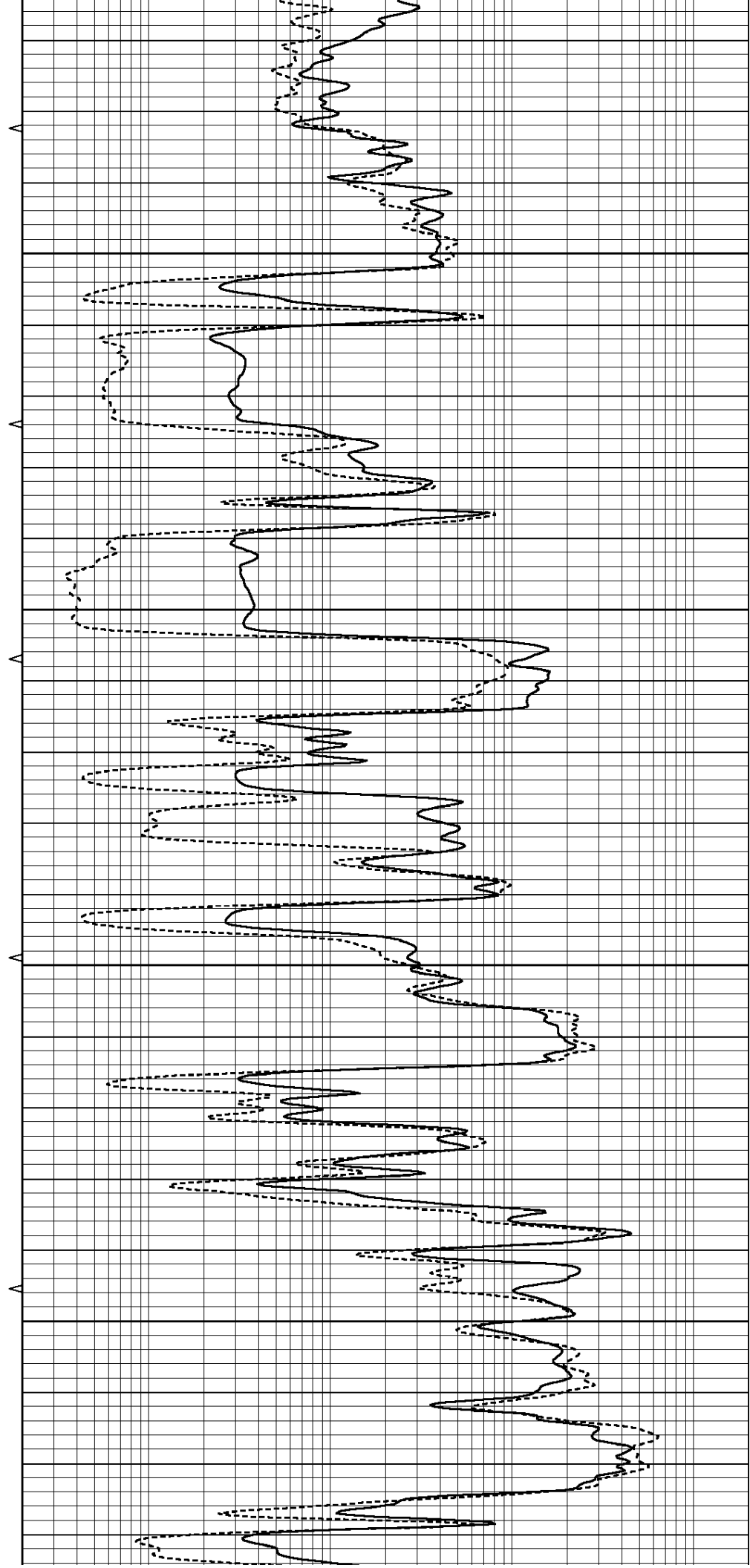
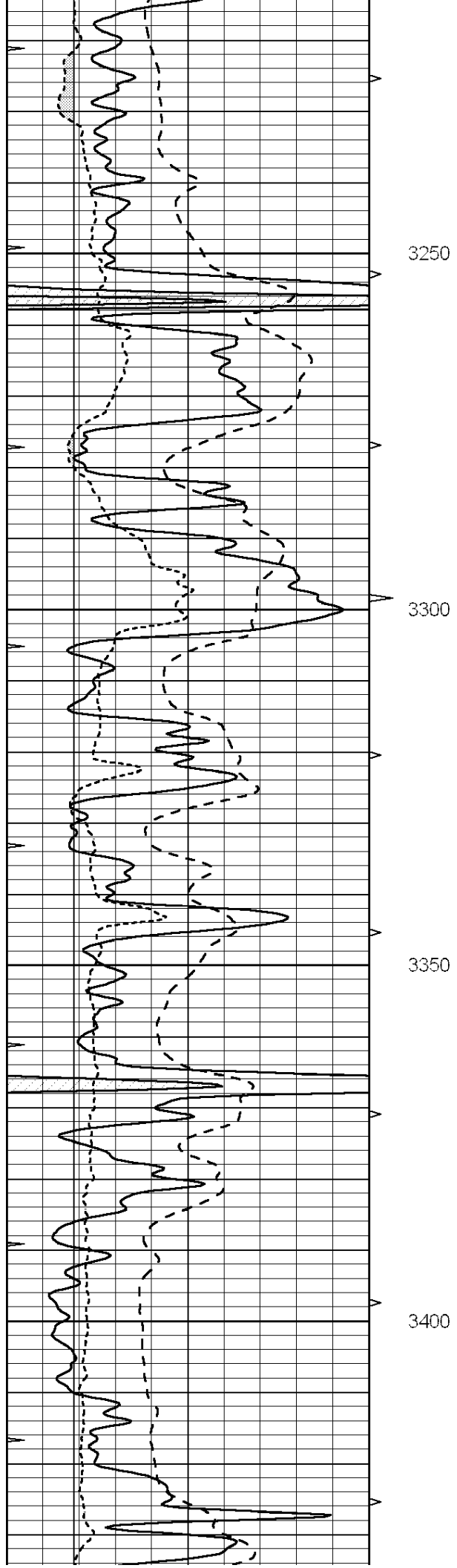
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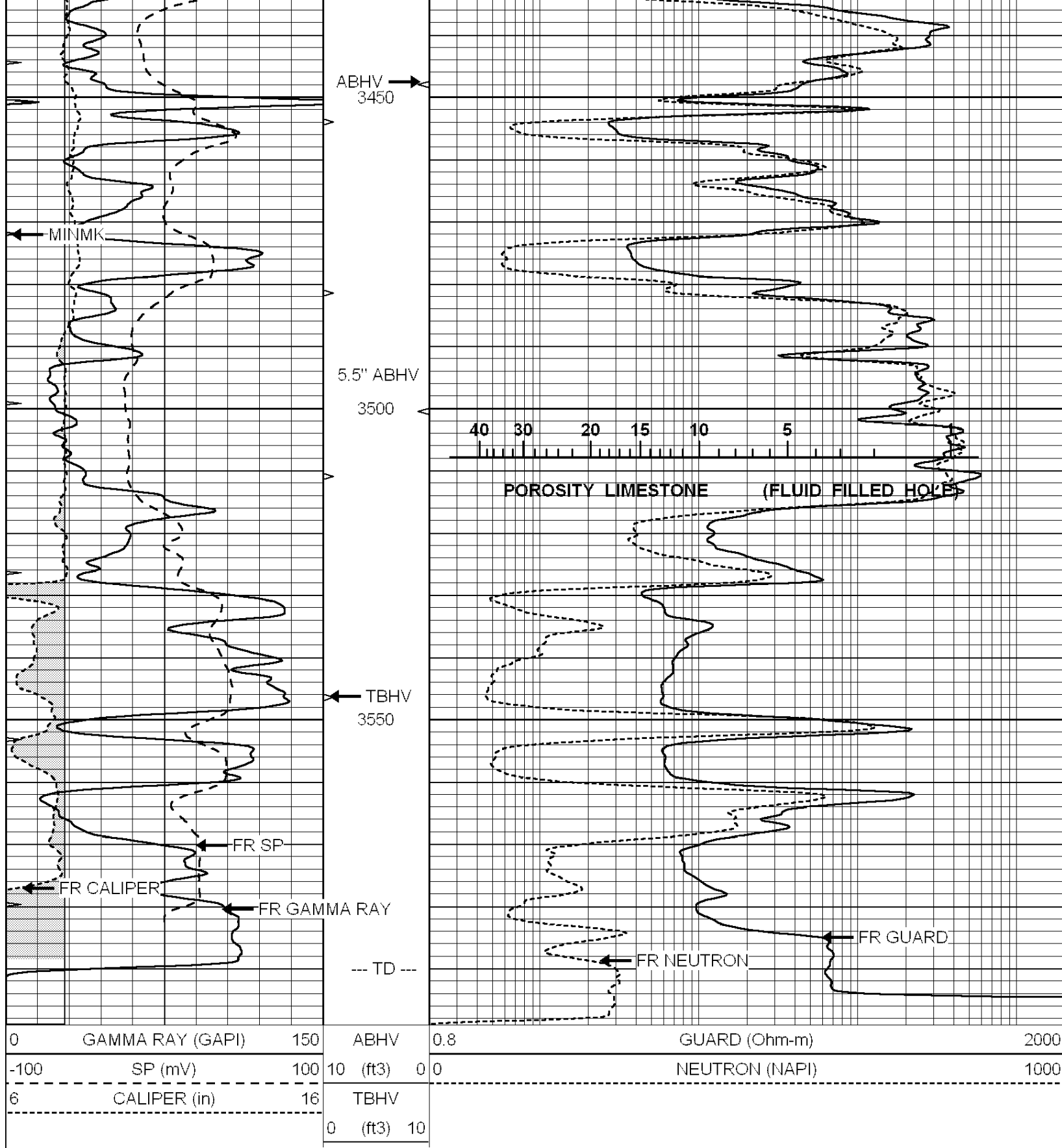
MAIN SECTION

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		





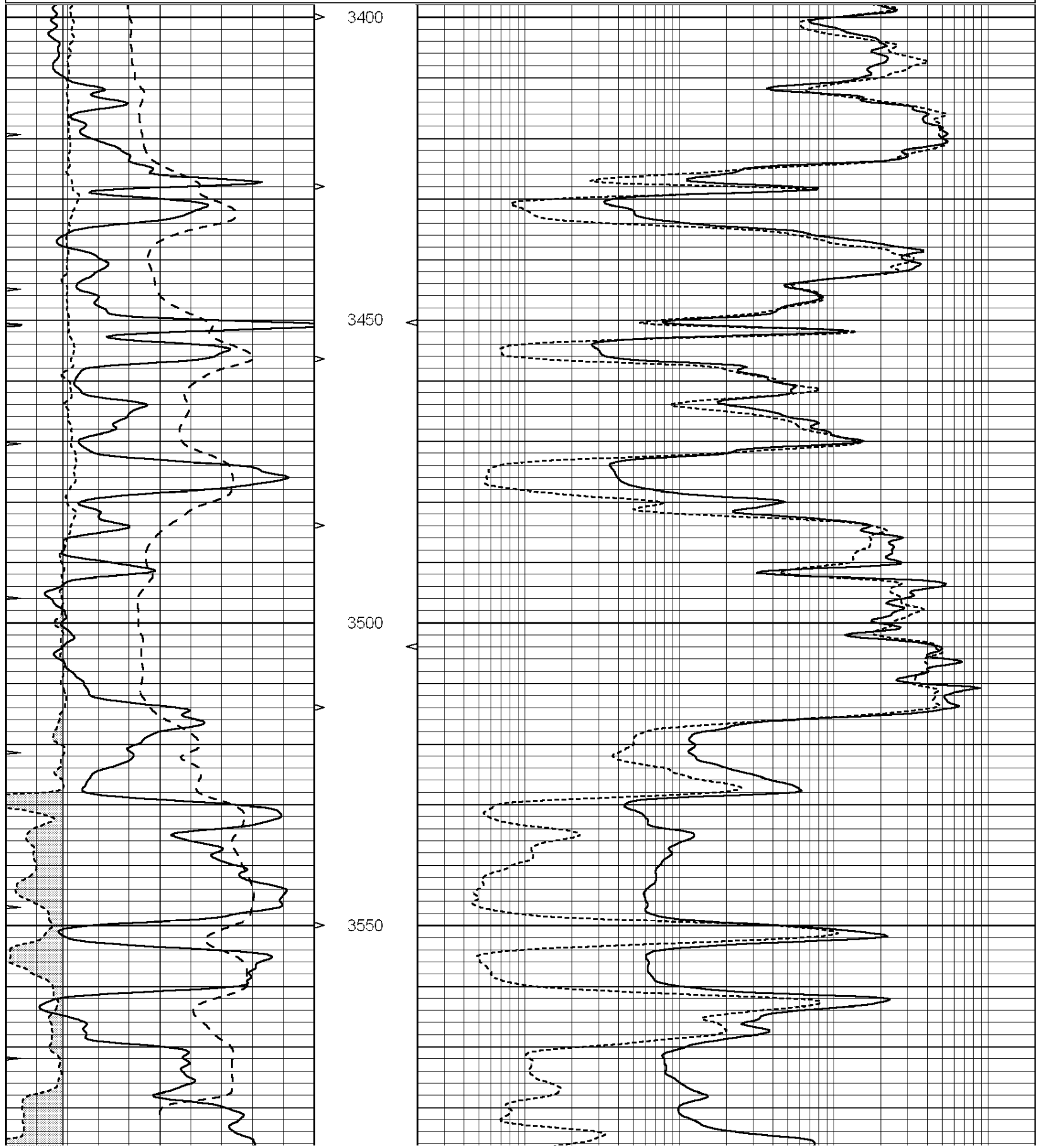


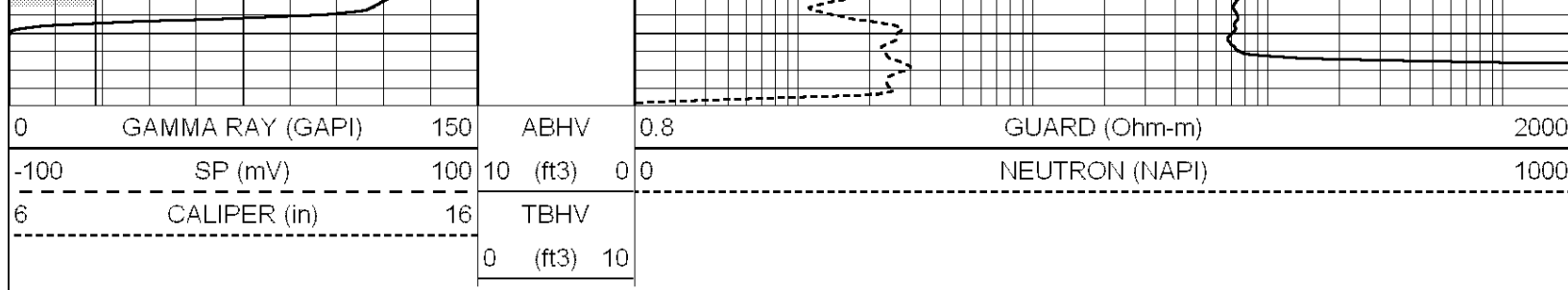


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REPEAT SECTION

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			





Calibration Report

Database File: 008473rag.db
 Dataset Pathname: pass4A
 Dataset Creation: Thu Feb 09 05:23:12 2012

Neutron Calibration Report

Serial Number: RAG1
 Tool Model: RAG
 Performed: Thu Feb 09 04:22:09 2012

Calibrator Values: 0 1 NAPI
 Calibrator Readings: 0 1 cps

Sensitivity: 0.8 NAPI/cps

Micro Spherically Focused Log Calibration Report

Serial-Model: RAG1-A
 Performed: Thu Feb 09 04:21:58 2012

	Readings			References			Results	
	Low	High		Low	High		m	b
Conductivity	0.0110	0.9000	V	10.0000	1000.0000	mmho	650.0000	-0.5000
Caliper	0.2029	0.2757	V	8.6500	14.0000	in	73.4840	-6.2614

Gamma Ray Calibration Report

Serial Number: RAG1
 Tool Model: RAG
 Performed: Thu Feb 09 04:21:36 2012

Calibrator Value: 1.0 GAPI

Background Reading: 0.9 cps
 Calibrator Reading: 1.0 cps

Sensitivity: 0.9500 GAPI/cps