



**COMPLETION
& PRODUCTION
SERVICES CO.**

**RADIATION
GUARD LOG**

Company	RITCHIE EXPLORATION, INC.		
Well	AMES P #8		
Field	BLOOMER		
County	RICE	State	KANSAS
Location:	API # : 15-159-22731		Other Services BOTTOM GAMMA
915' FNL & 1825' FWL			
Permanent Datum	SEC 6	TWP 18S	RGE 10W
Log Measured From	GROUND LEVEL		Elevation 1790
Drilling Measured From	KELLY BUSHING 9' A.G.L.		K.B. 1799 D.F. G.L. 1790
Date	3-19-10		
Run Number	ONE		
Depth Driller	3235		
Depth Logger	3236		
Bottom Logged Interval	3235		
Top Log Interval	00		
Casing Driller	353		
Casing Logger	354		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.3 / 47		
pH / Fluid Loss	10.0 / 8.8		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.60 @ 62F		
Rmf @ Meas. Temp	0.45 @ 62F		
Rmc @ Meas. Temp	0.72 @ 62F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.350 @ 107F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	6:45 A.M.		
Maximum Recorded Temperature	107F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	MACK ARMSTRONG		

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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 K-156 & K-4 JCT., 1 1.2E, 1/8S, E INTO.

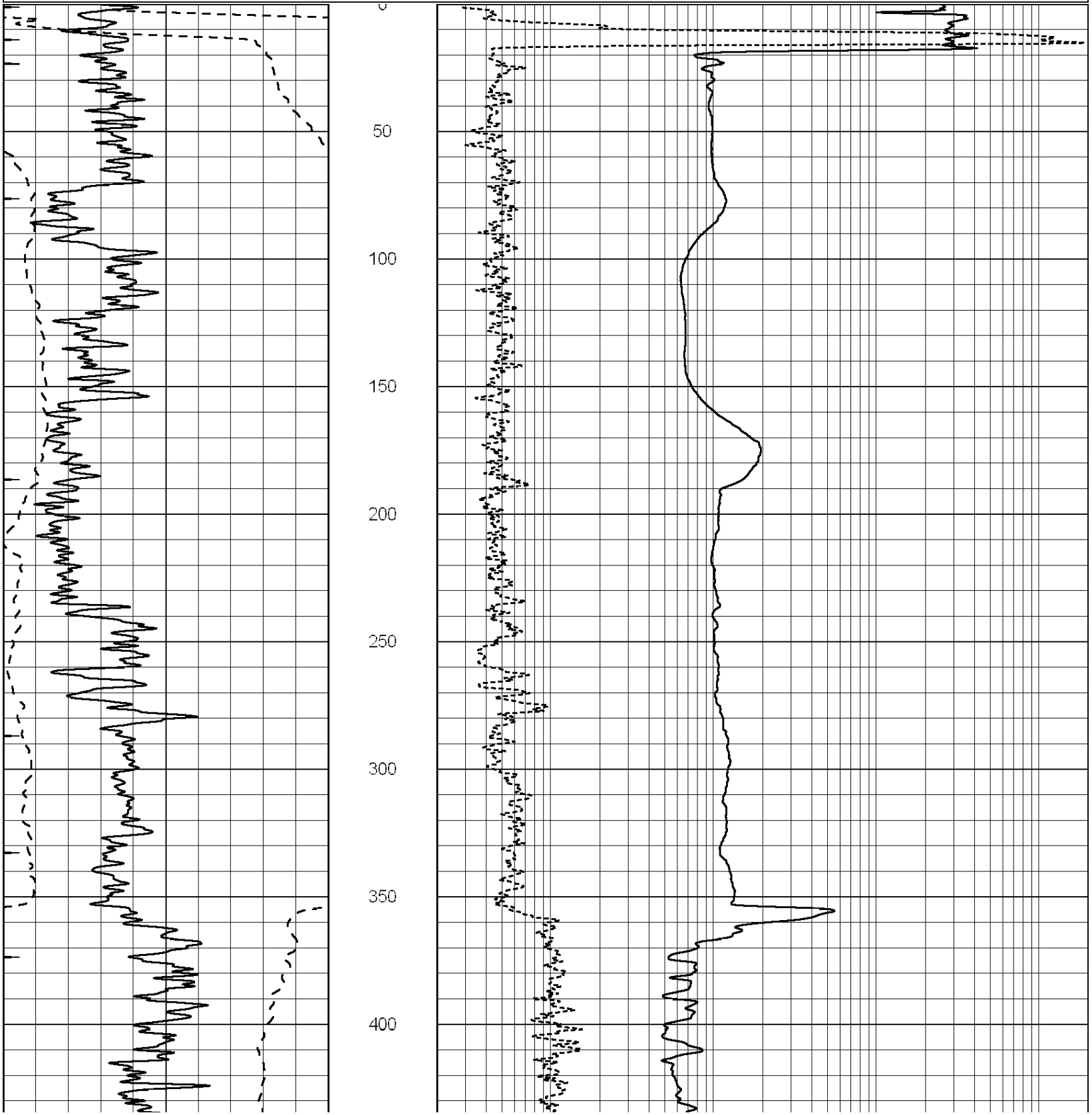


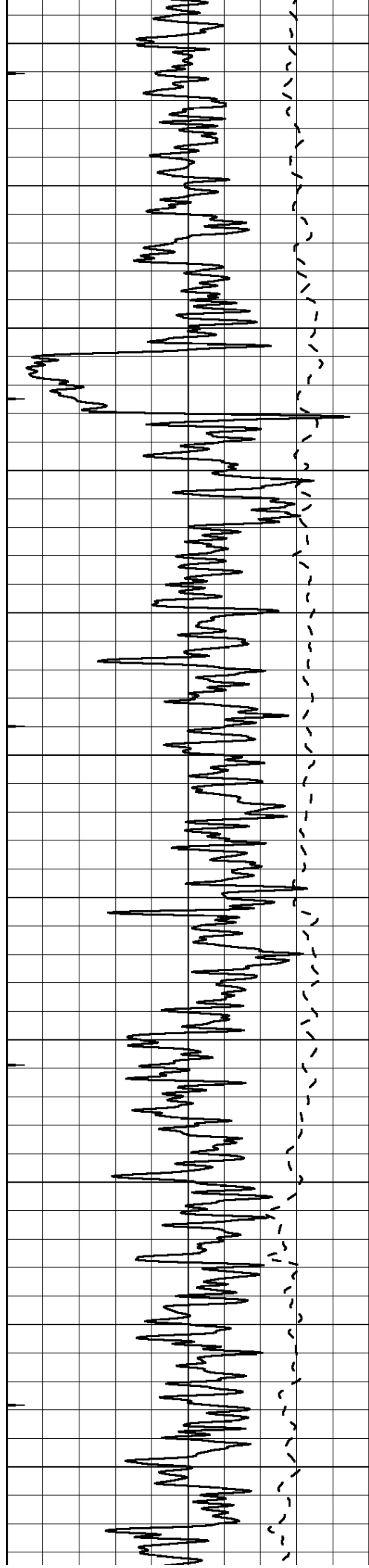
**COMPLETION
& PRODUCTION**

MAIN SECTION

Database File: 010839rag.db
 Dataset Pathname: pass4.A
 Presentation Format: rag2
 Dataset Creation: Tue Mar 19 08:52:41 2013
 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

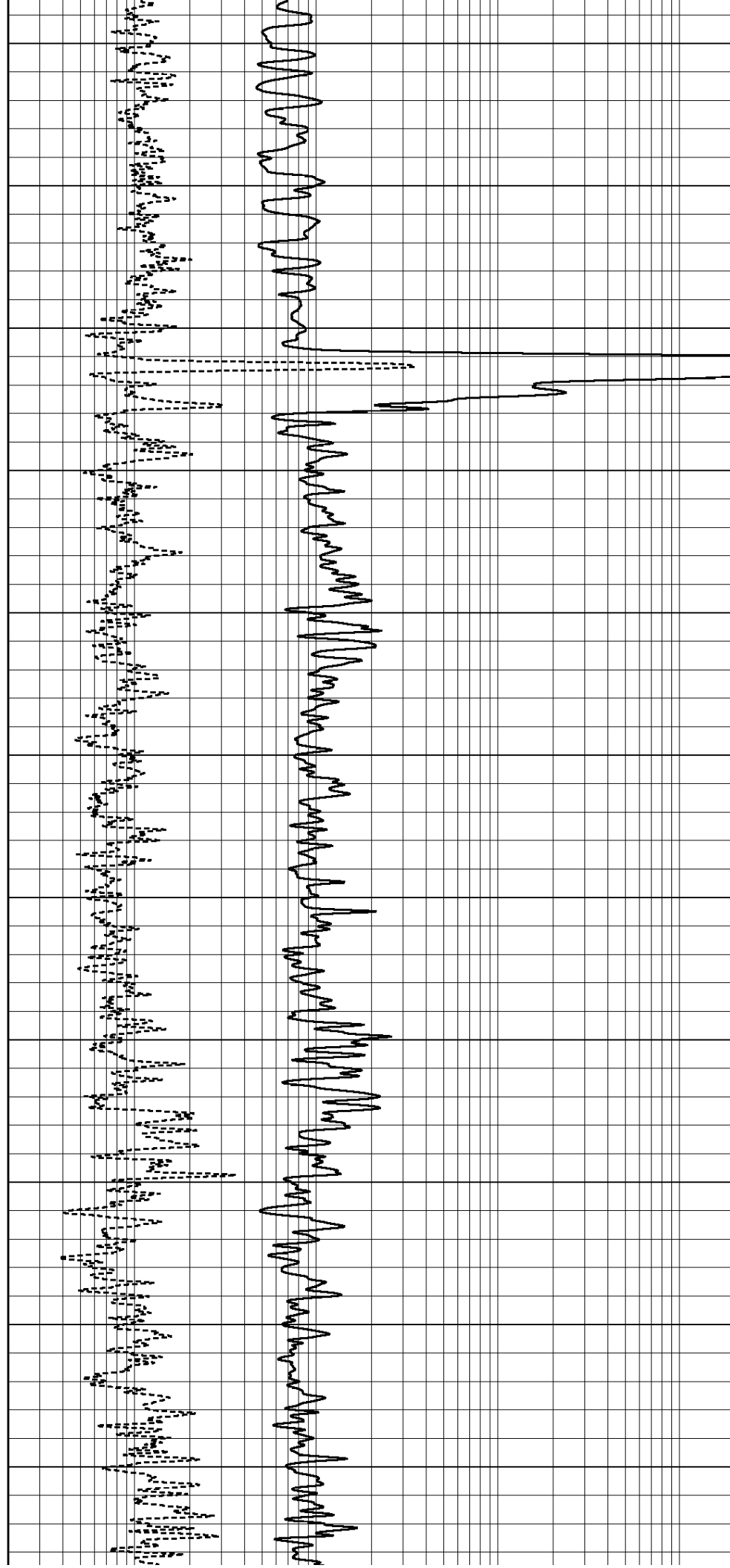
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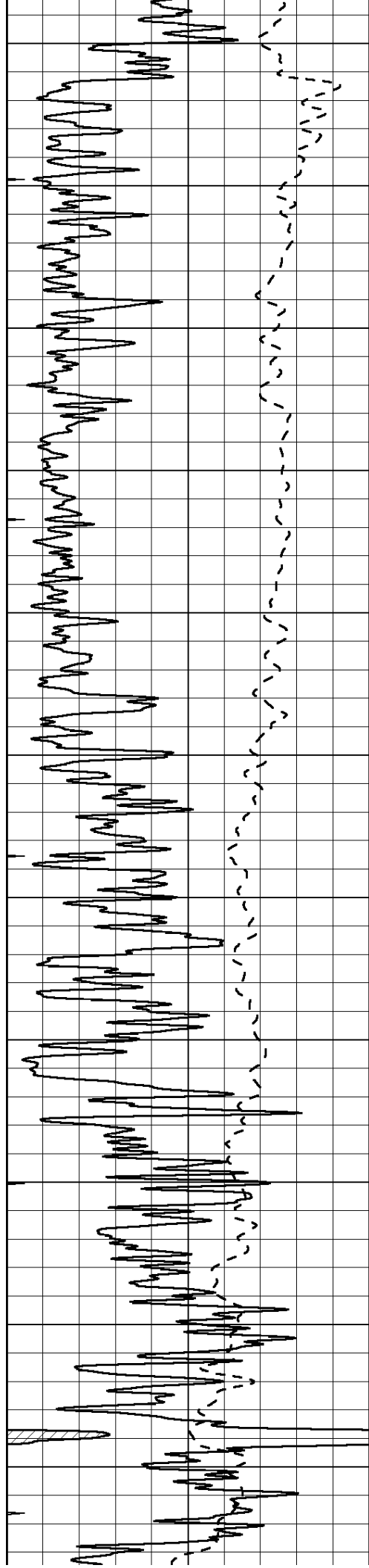
800

850

900

950





1000

1050

1100

1150

1200

1250

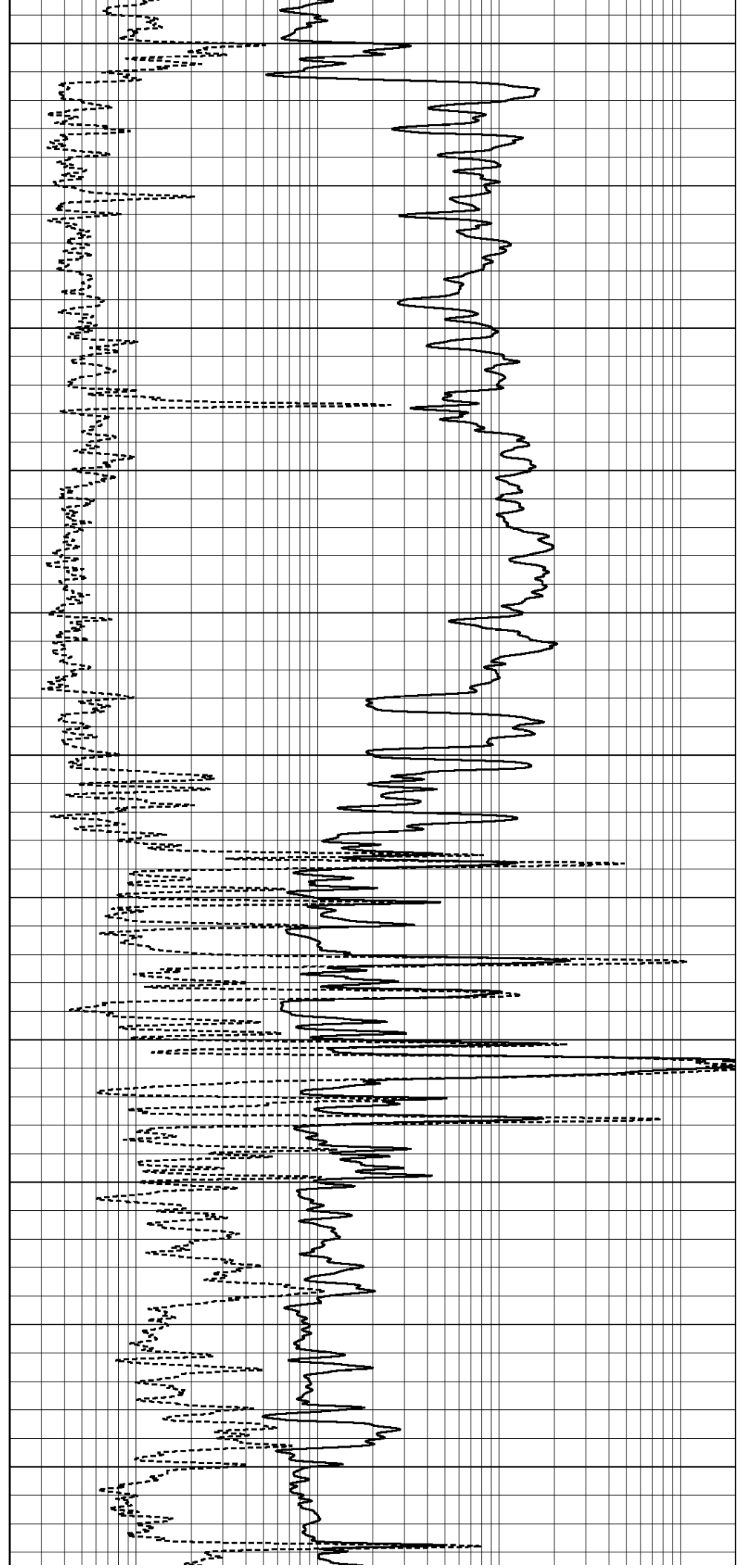
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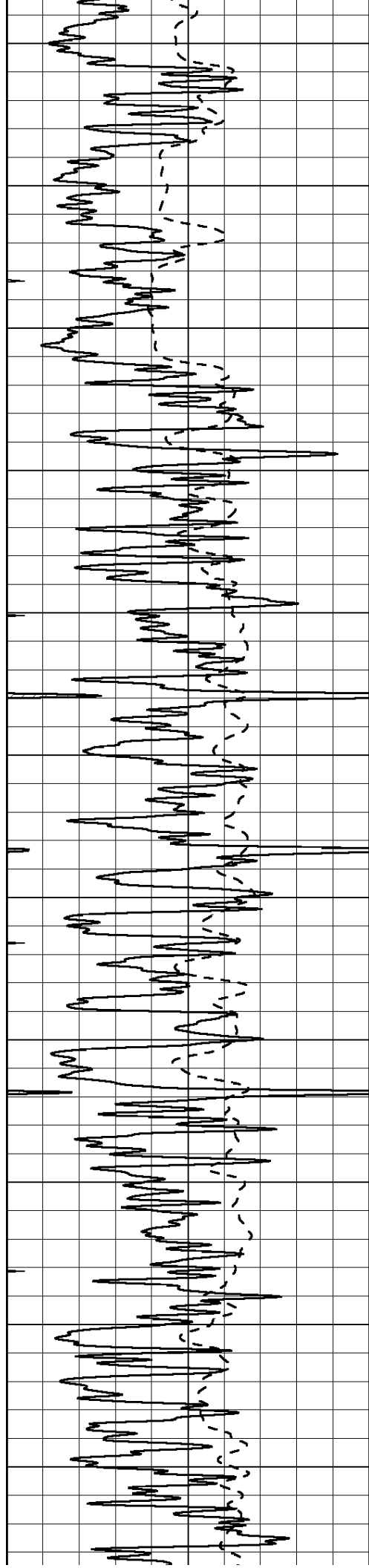
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1400

1450

1500





1550

1600

1650

1700

1750

1800

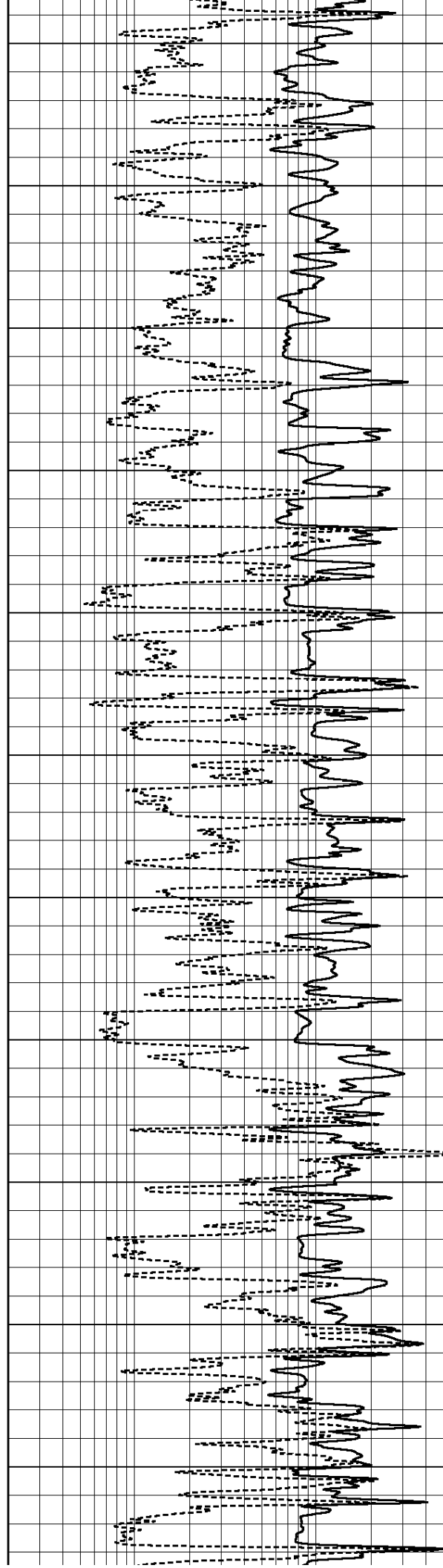
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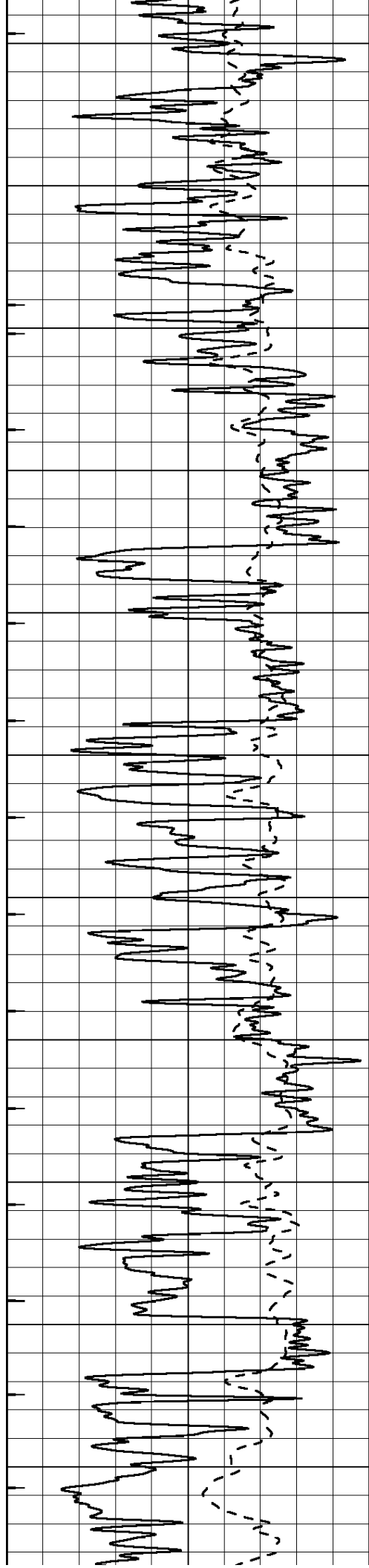
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1950

2000

2050





2100

2150

2200

2250

2300

2350

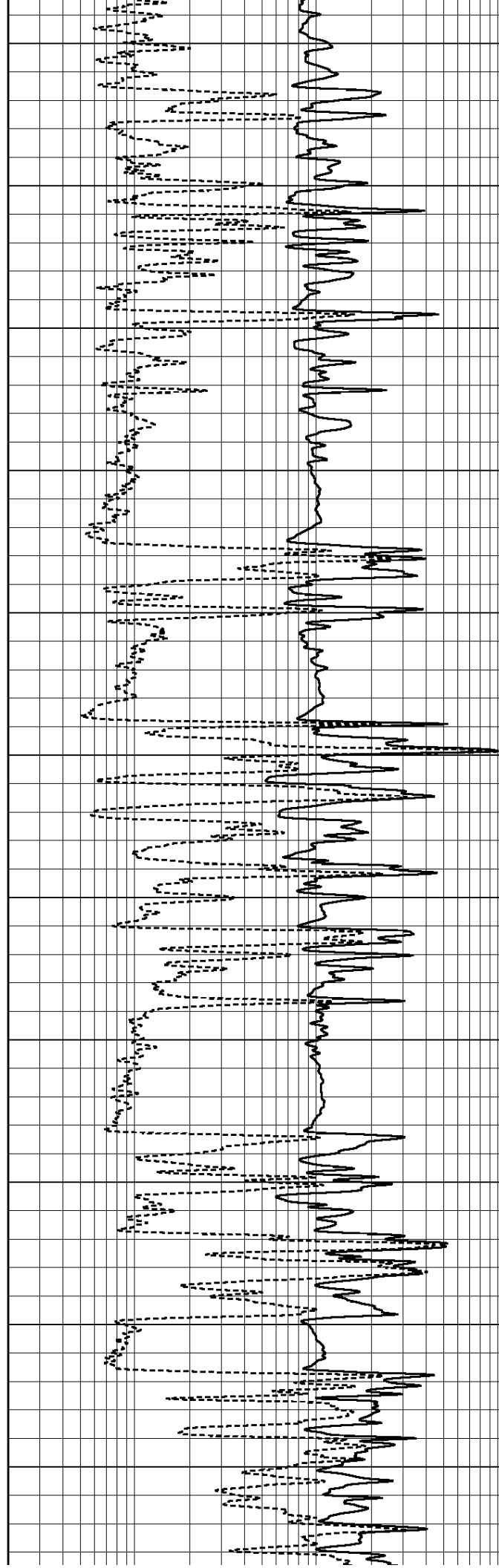
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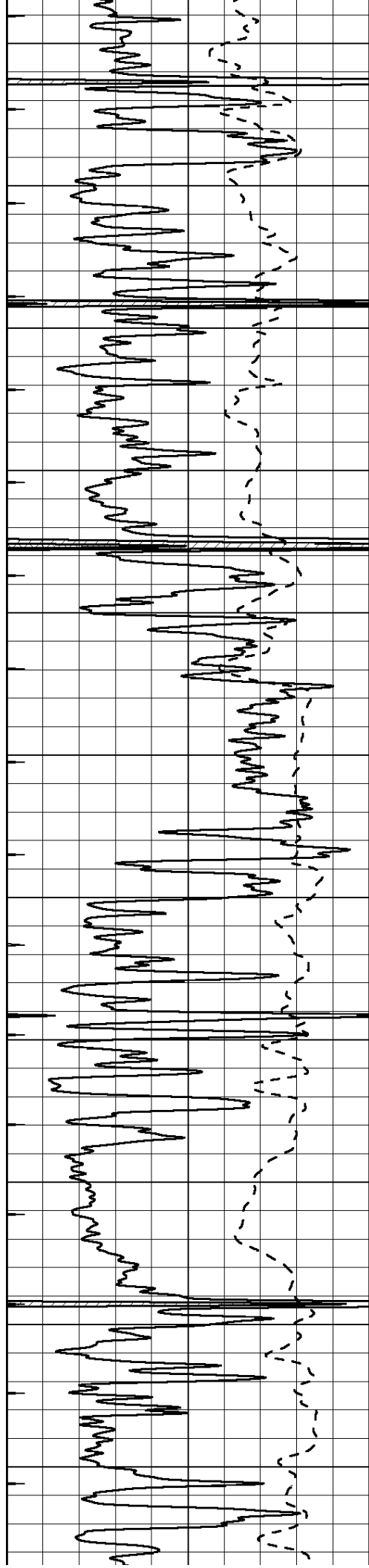
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2500

2550

2600





2650

2700

2750

2800

2850

2900

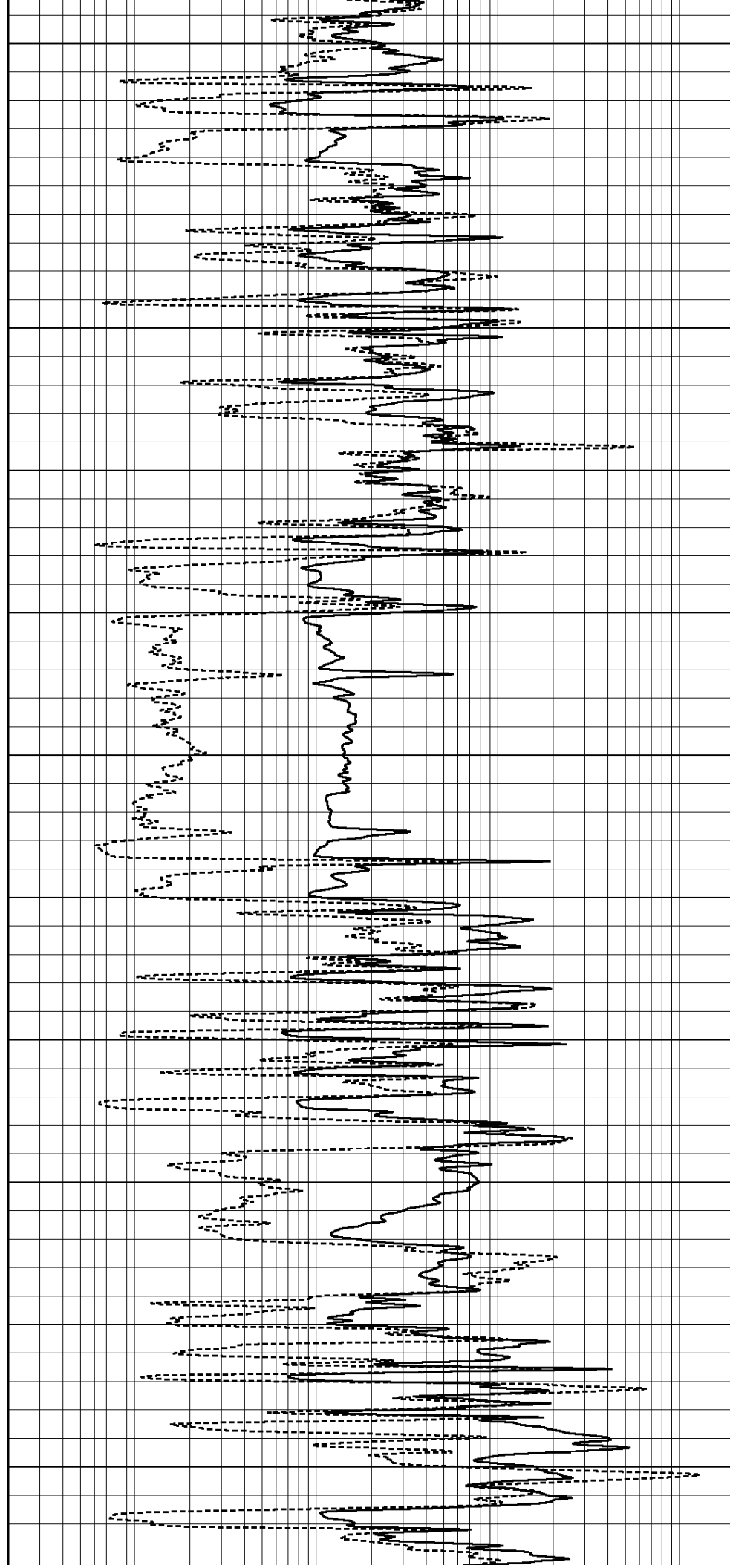
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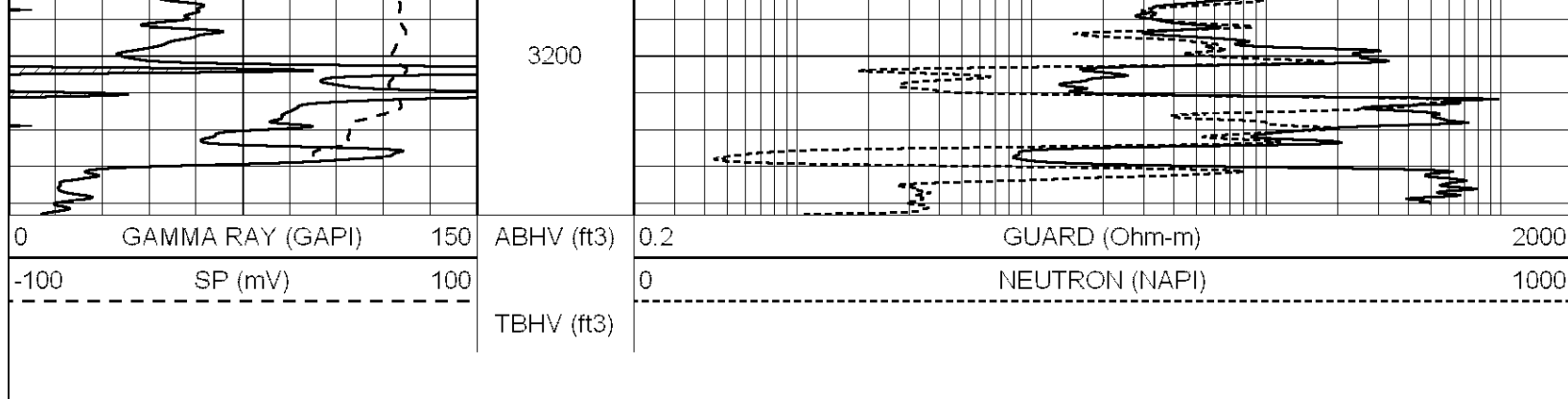
3000

3050

3100

3150

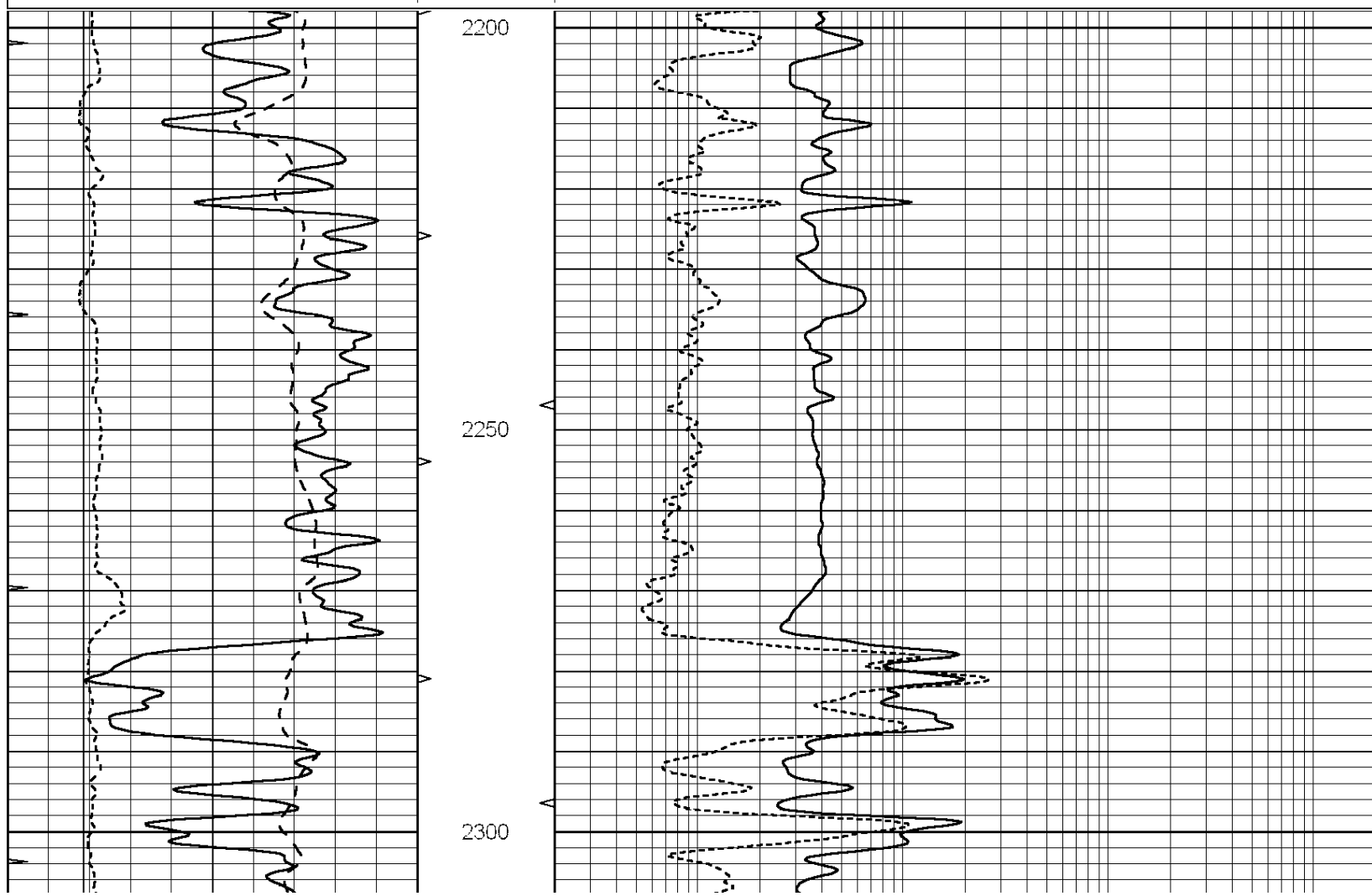
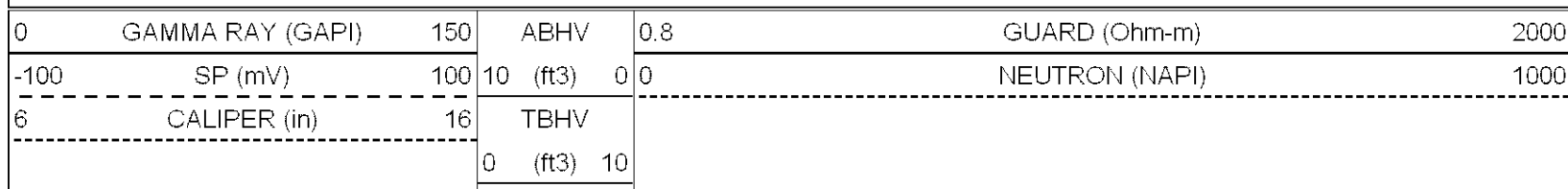


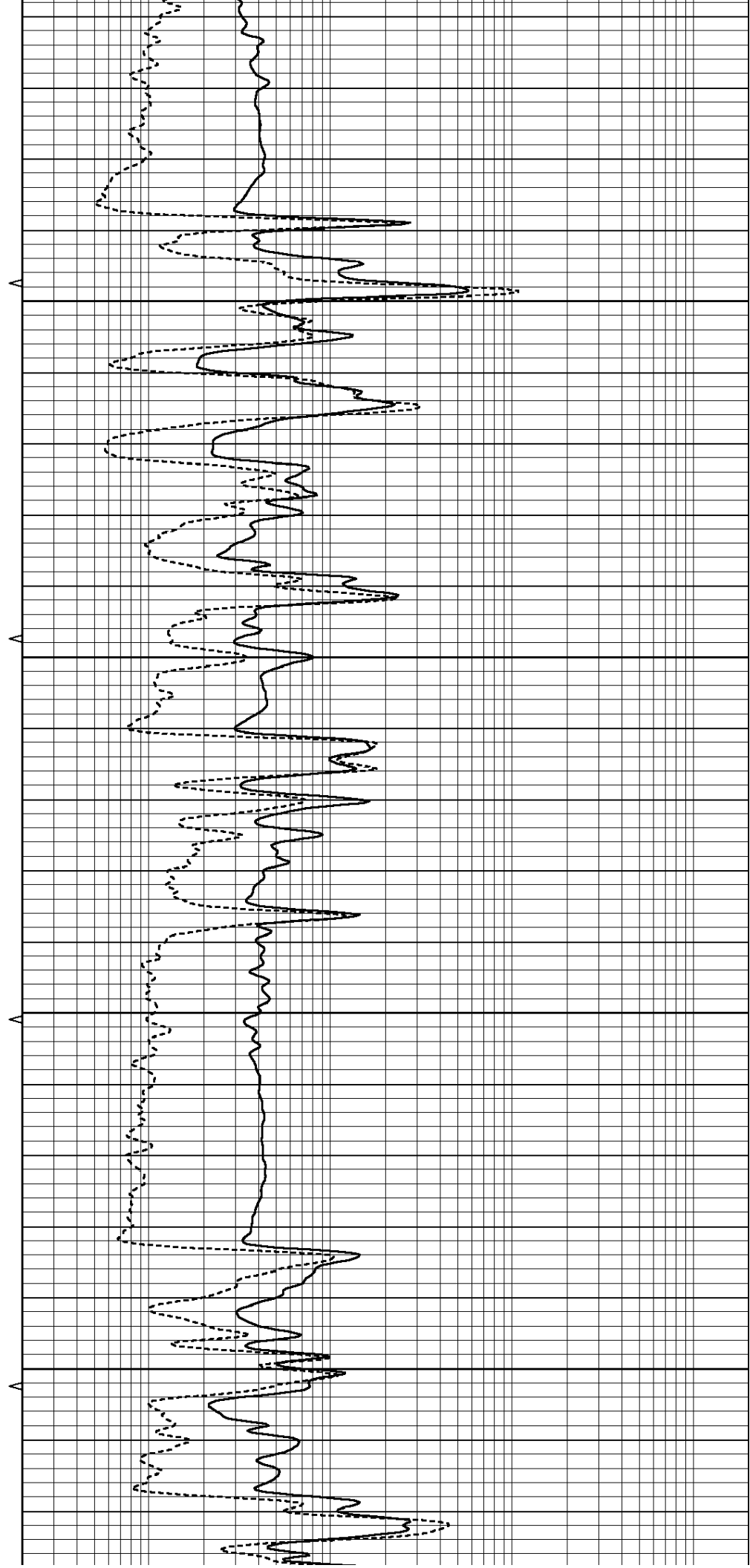
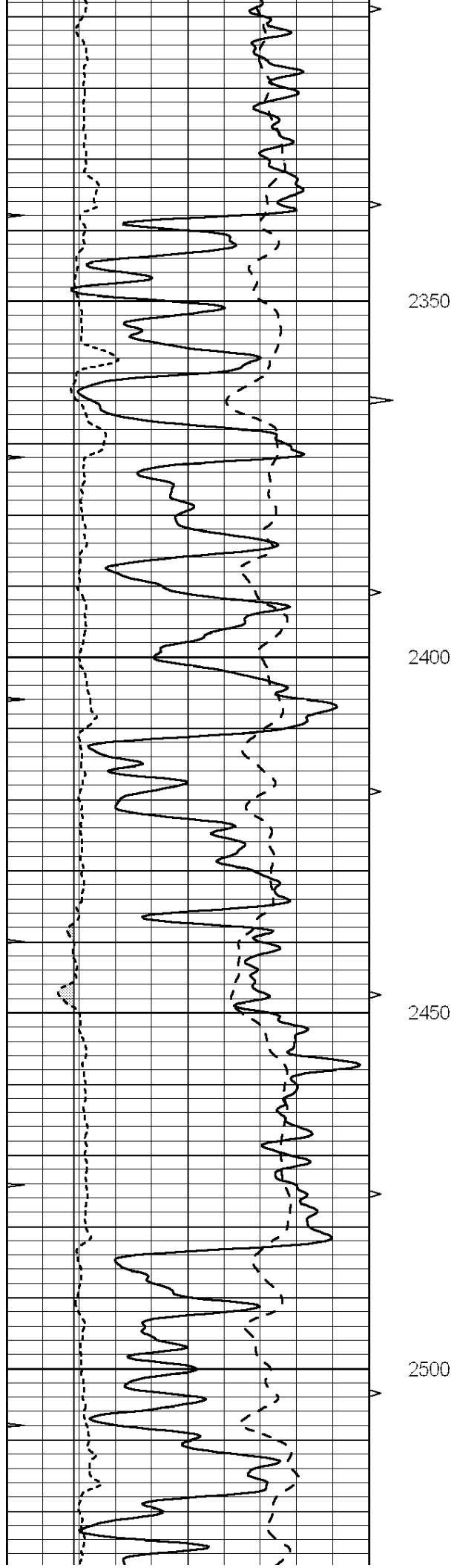


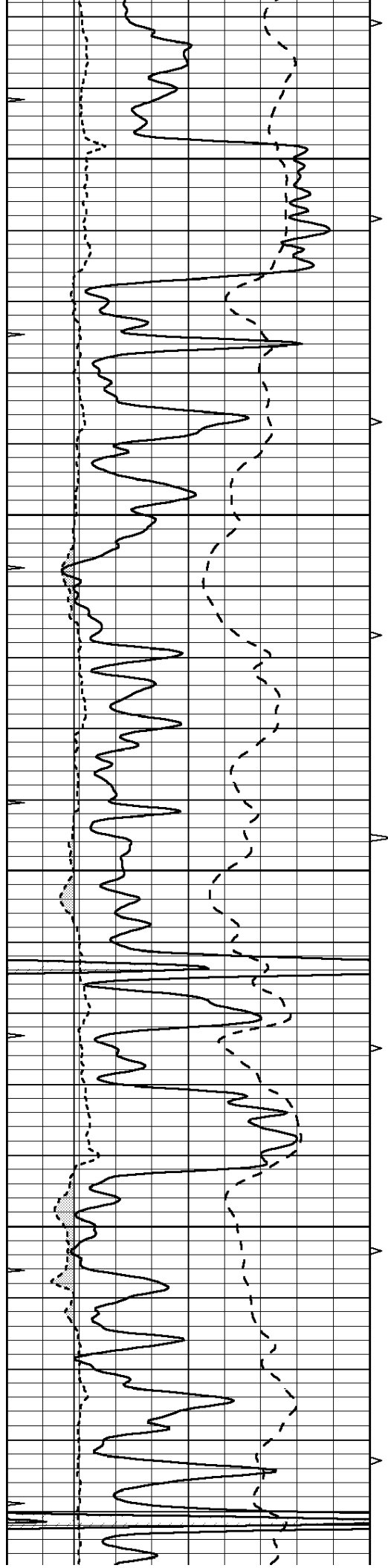
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MAIN SECTION

Database File: 010839rag.db
 Dataset Pathname: pass4.A
 Presentation Format: rag
 Dataset Creation: Tue Mar 19 08:52:41 2013
 Charted by: Depth in Feet scaled 1:240





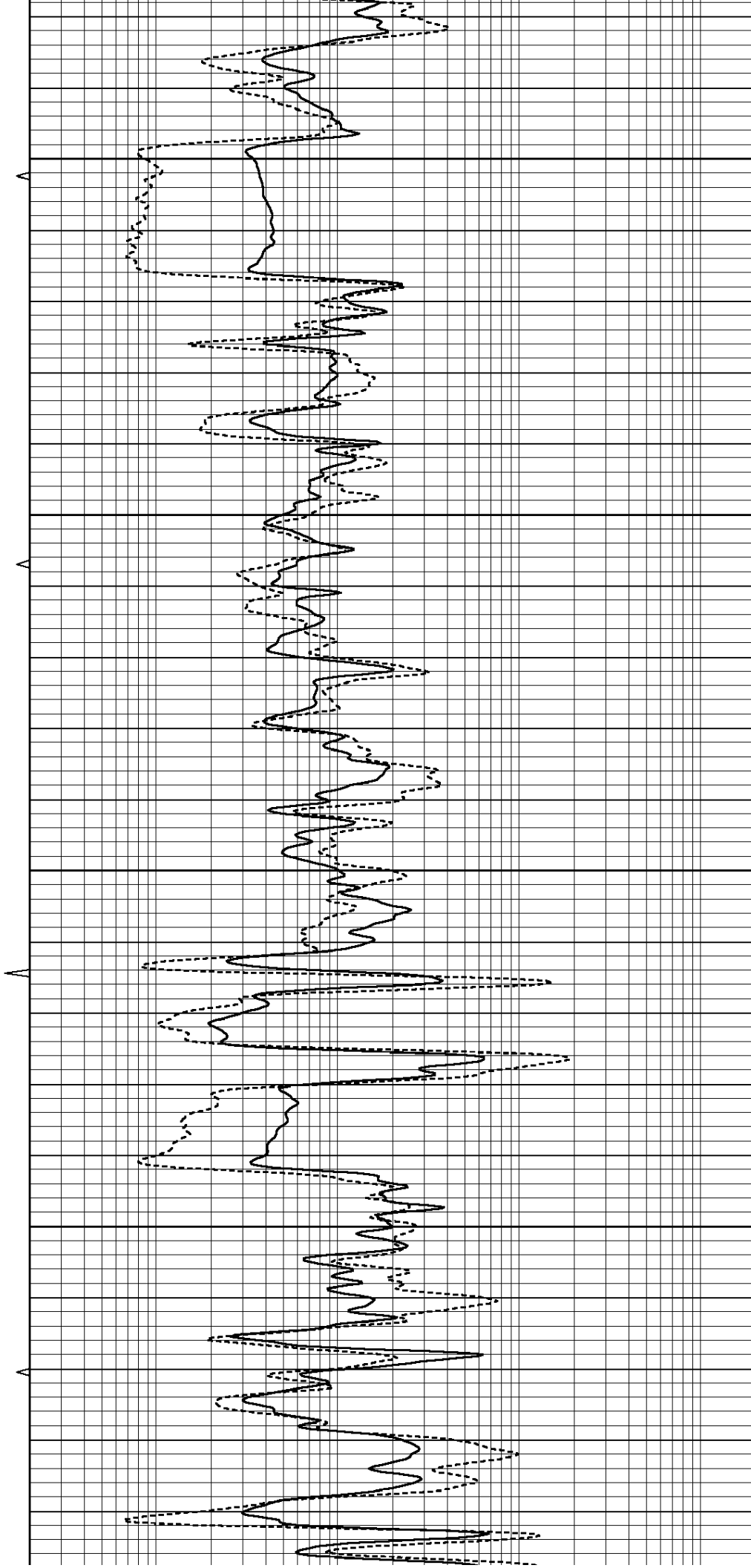


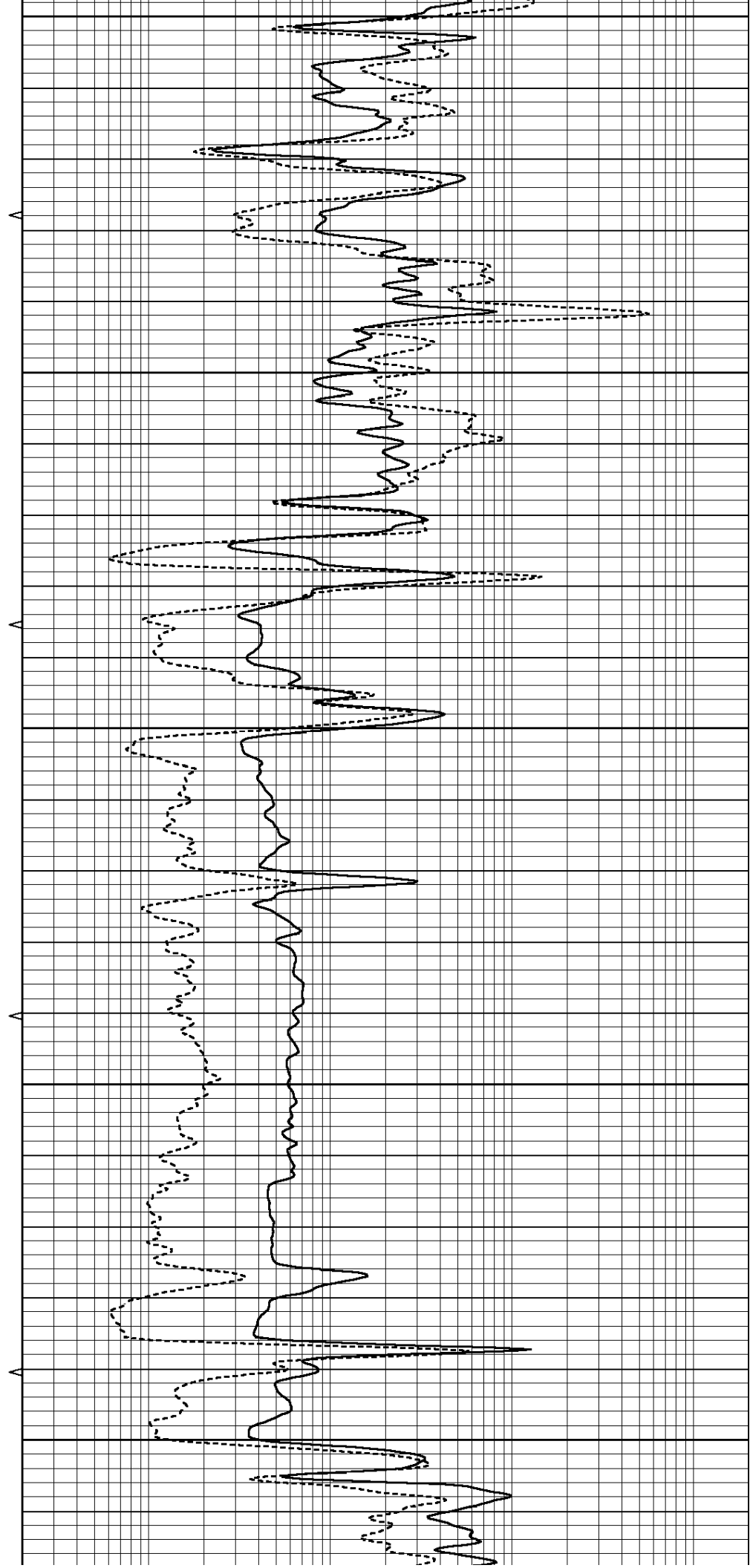
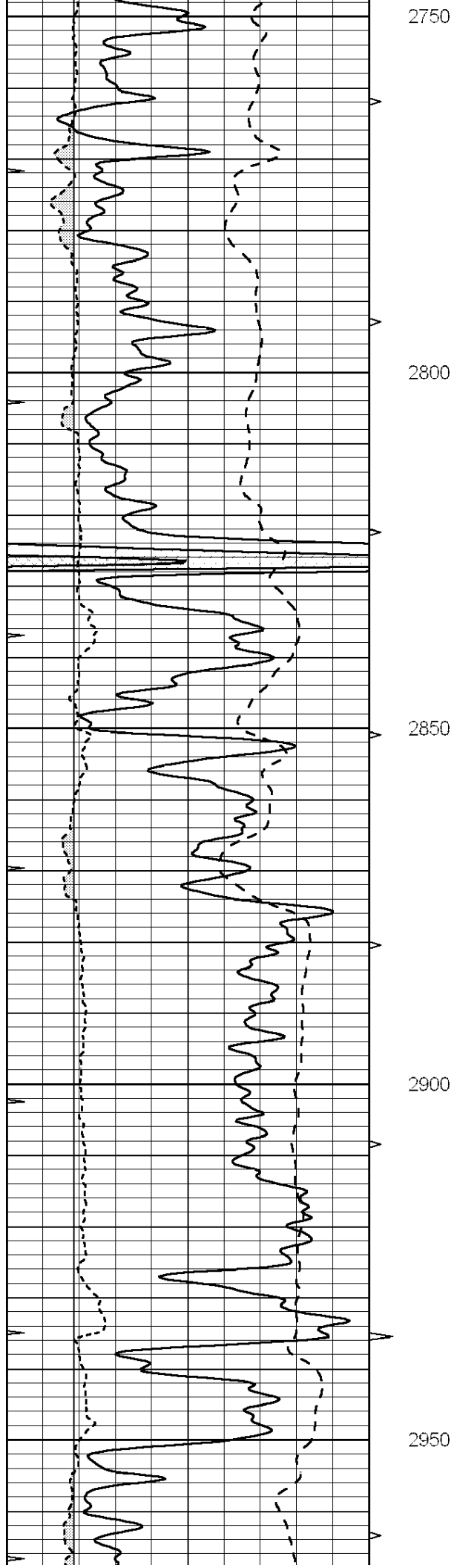
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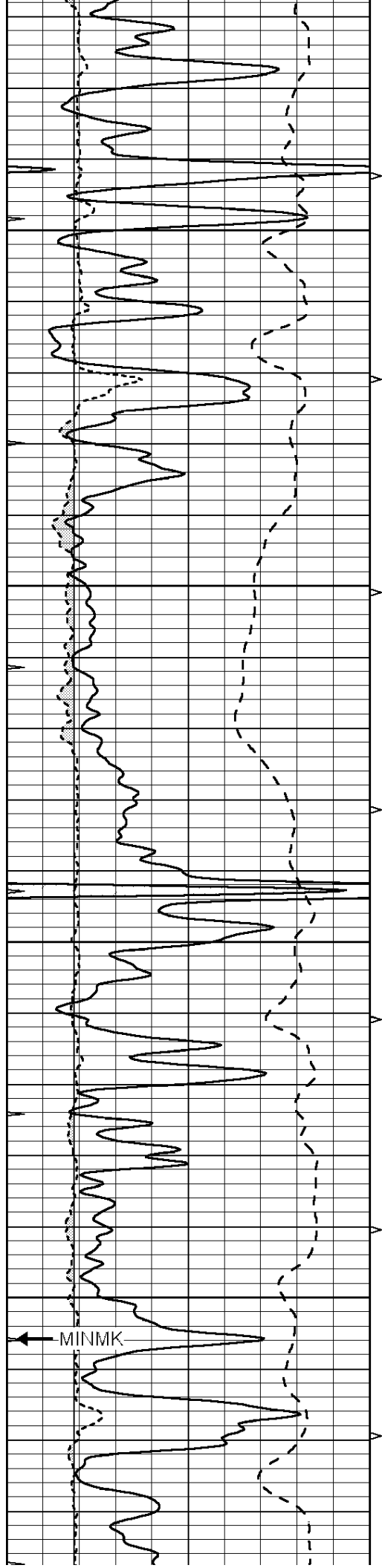
2600

2650

2700







3000

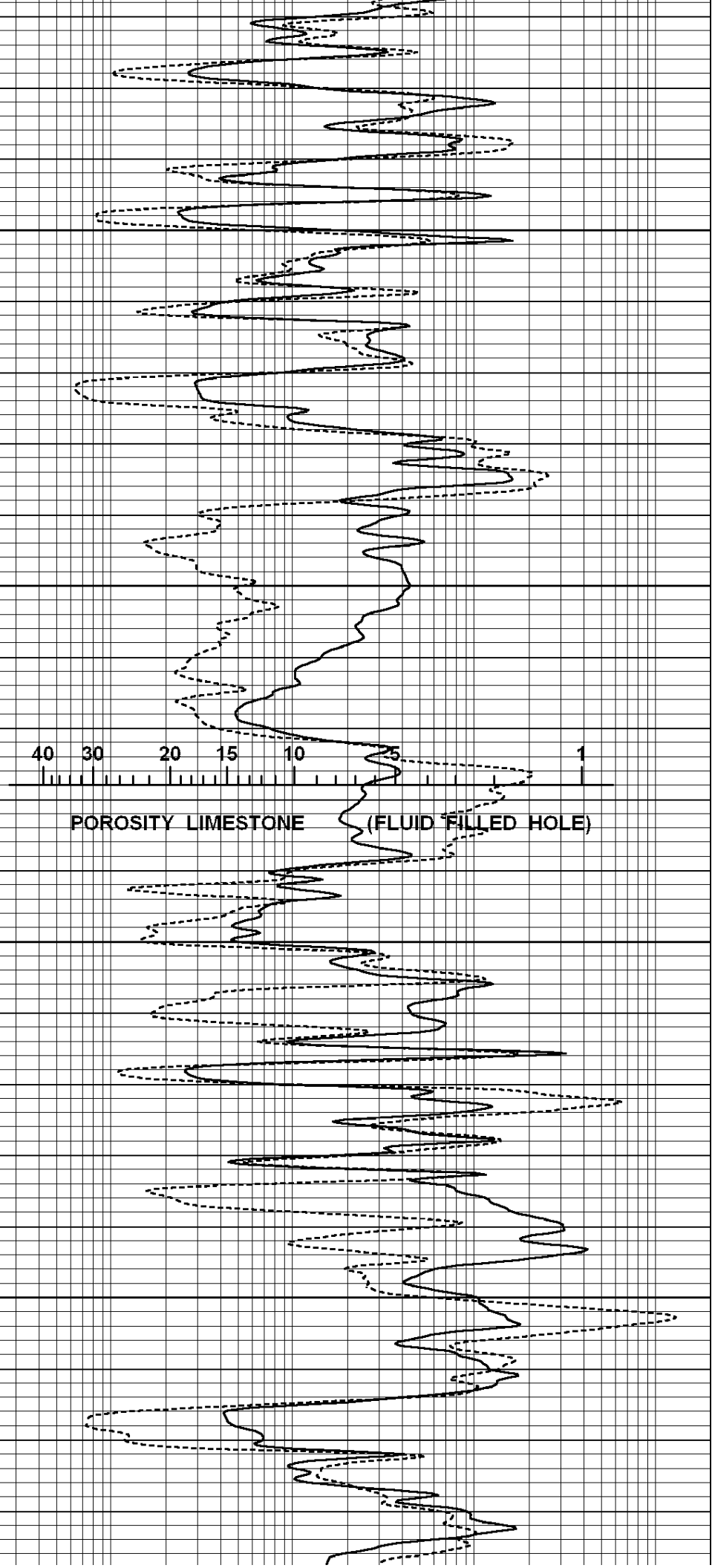
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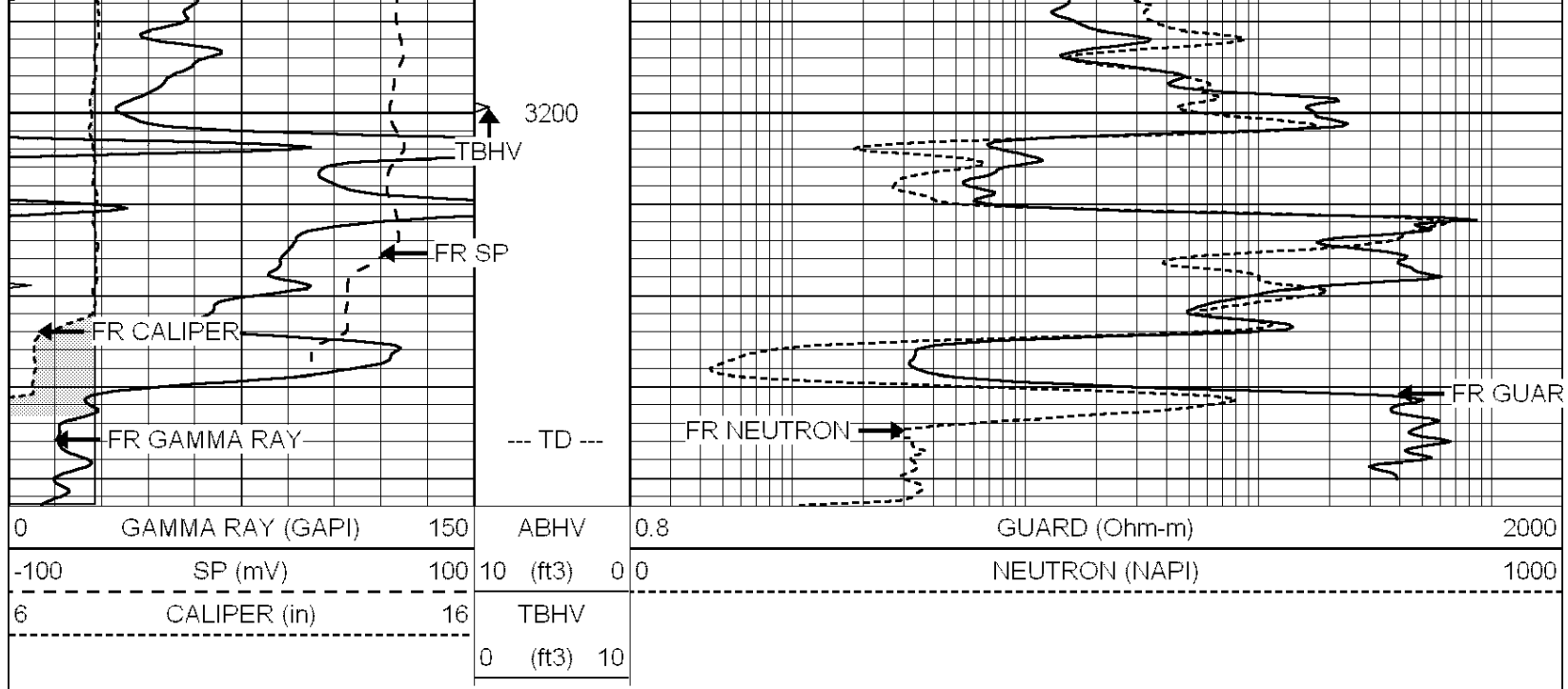
3100

3150

5.5" ABHV

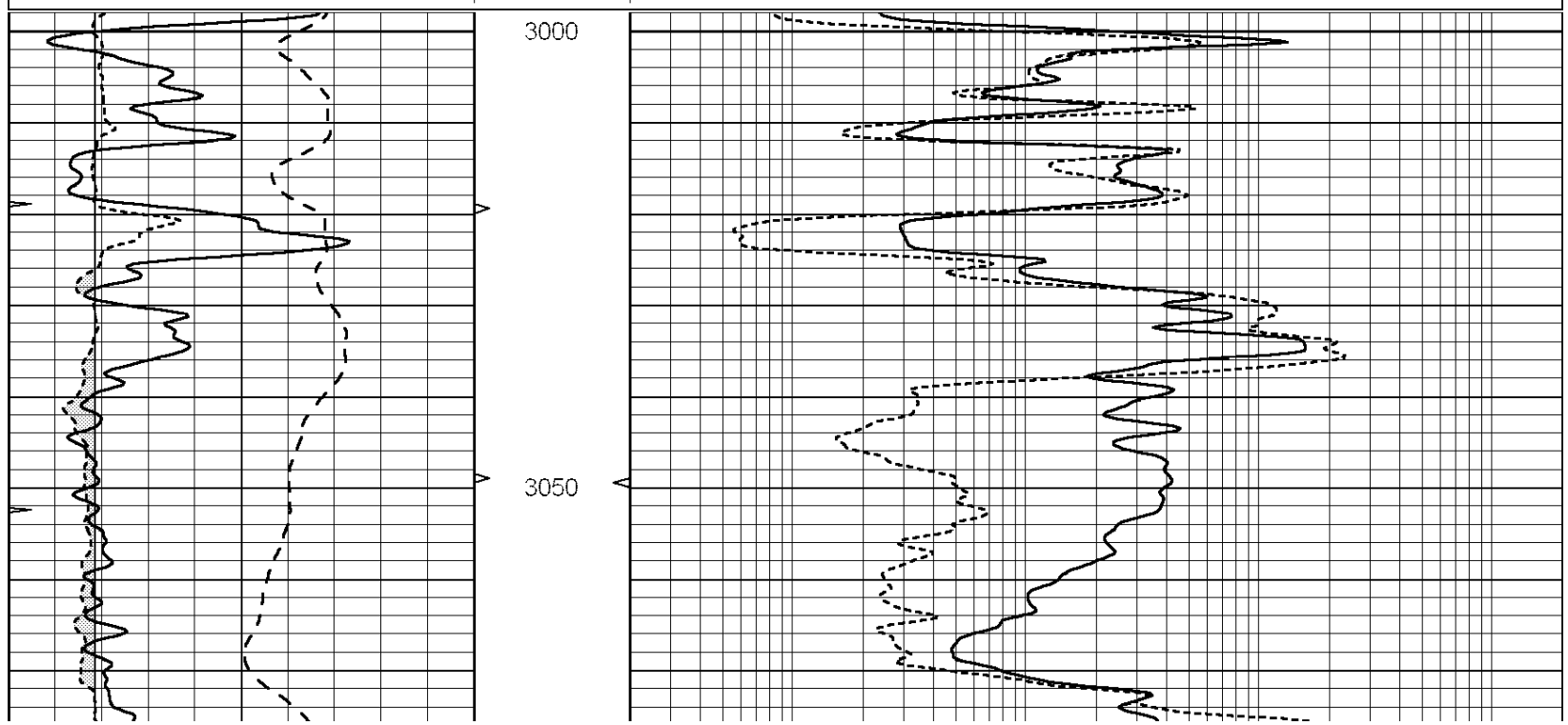
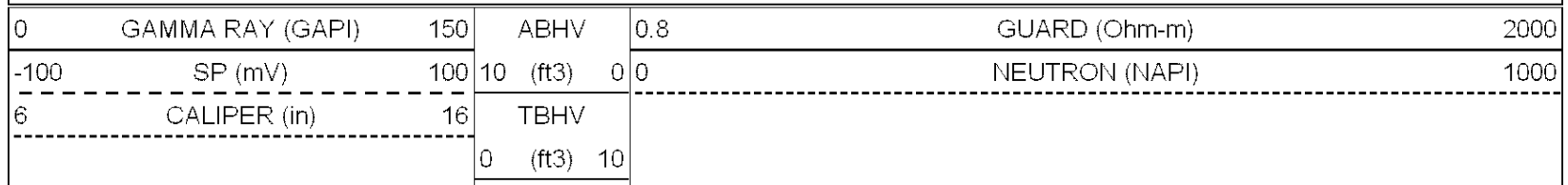
↑
ABHV

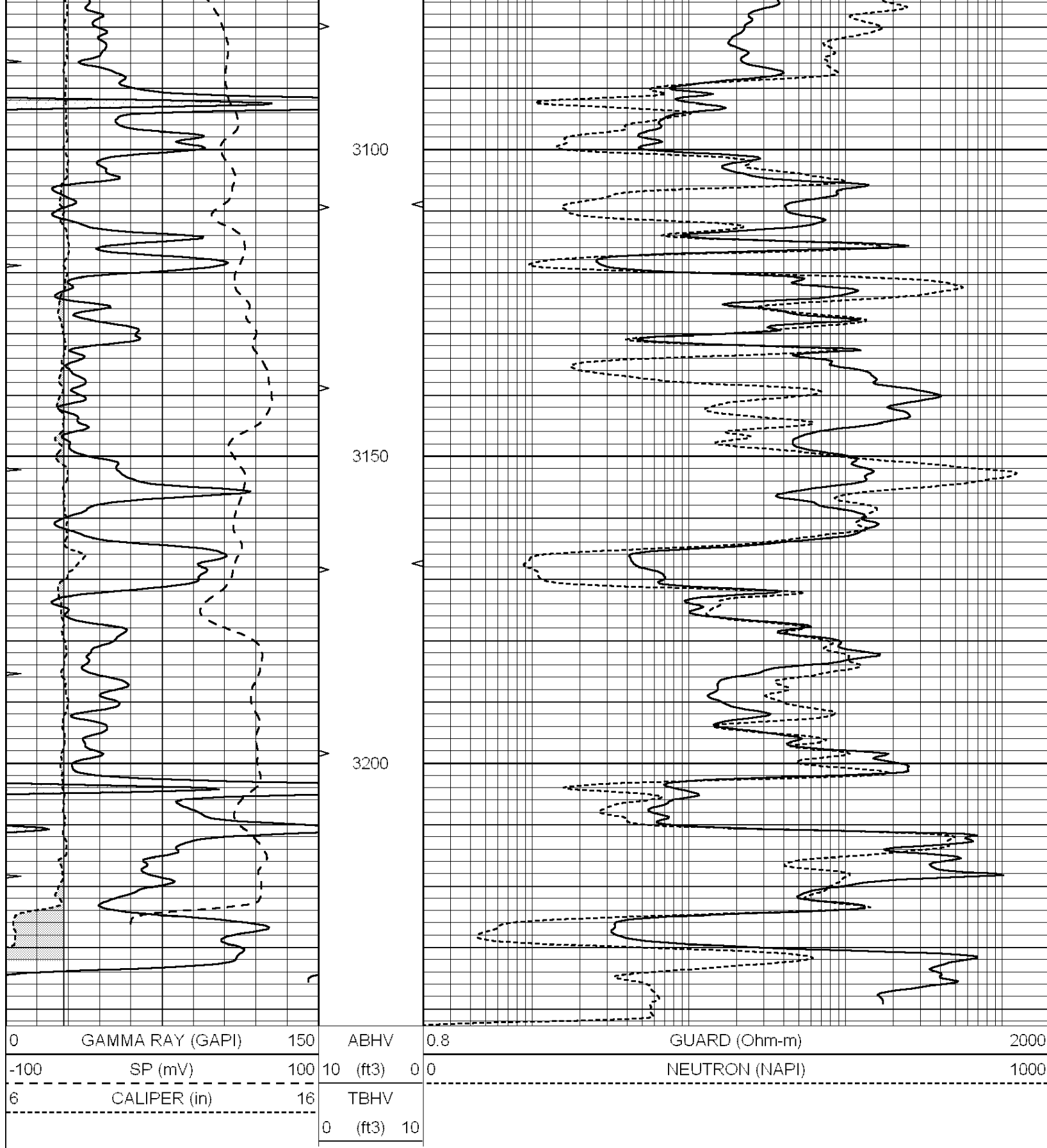




REPEAT SECTION

Database File: 010839rag.db
 Dataset Pathname: pass3.1
 Presentation Format: rag
 Dataset Creation: Tue Mar 19 07:11:08 2013 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240





Calibration Report

Database File: 010839rag.db
Dataset Pathname: pass4.A
Dataset Creation: Tue Mar 19 08:52:41 2013

Neutron Calibration Report

Serial Number: RAG1

Tool Model:	RAG		
Performed:	Tue Mar 19 07:06:42 2013		
Calibrator Values:	0	1	NAPI
Calibrator Readings:	0	1	cps
Sensitivity:	1	NAPI/cps	

Micro Spherically Focused Log Calibration Report

Serial-Model:	RAG1-A
Performed:	Tue Mar 19 08:05:37 2013

	Readings			References			Results	
	Low	High		Low	High		m	b
Conductivity	0.0110	0.9000	V	10.0000	1000.0000	mmho	900.0000	2.0000
Caliper	0.2723	0.3535	V	8.4000	14.0000	in	69.0012	-10.3915

Gamma Ray Calibration Report

Serial Number:	RAG1	
Tool Model:	RAG	
Performed:	Tue Mar 19 07:14:07 2013	
Calibrator Value:	1.0	GAPI
Background Reading:	0.9	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.9000	GAPI/cps