SUPERIOR WELL SERVICES

SUPERIOR
Hays,
Kansas

RADIATION GUARD LOG

Company PALOMINO PETROLEUM, INC.
Well KRASH #1
Field WILDCAT
County NESS State KANSAS
Location: API # : 15-135-25411-0000
1994' FNL & 1944' FEL
SEC 16 TWP 16S RGE 26W

Permanent Datum GROUND LEVEL Elevation 2621
Log Measured From KELLY BUSHING 5' A.G.L.
Drilling Measured From KELLY BUSHING

Other Services

Elevation
K.B. 2626
D.F. 2624
G.L. 2621

Date	6/25/12		
Run Number	ONE		
Depth Driller	4630		
Depth Logger	4632		
Bottom Logged Interval	4608		
Top Log Interval	3600		
Casing Driller	8 5/8" @ 214		
Casing Logger	214		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 2500	
Density / Viscosity	9.4/46		
pH / Fluid Loss	10.0/9.6		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.95 @ 91F		
Rmf @ Meas. Temp	.71 @ 91F		
Rmc @ Meas. Temp	1.14 @ 91F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	.72 @ 119F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	119F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	NICK GERSTNER		

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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 (785) 628-6395
DIRECTIONS
UTICA, KS - W. EDGE (RD. D) GO 1 N. - 3/4 W. - N. INTO

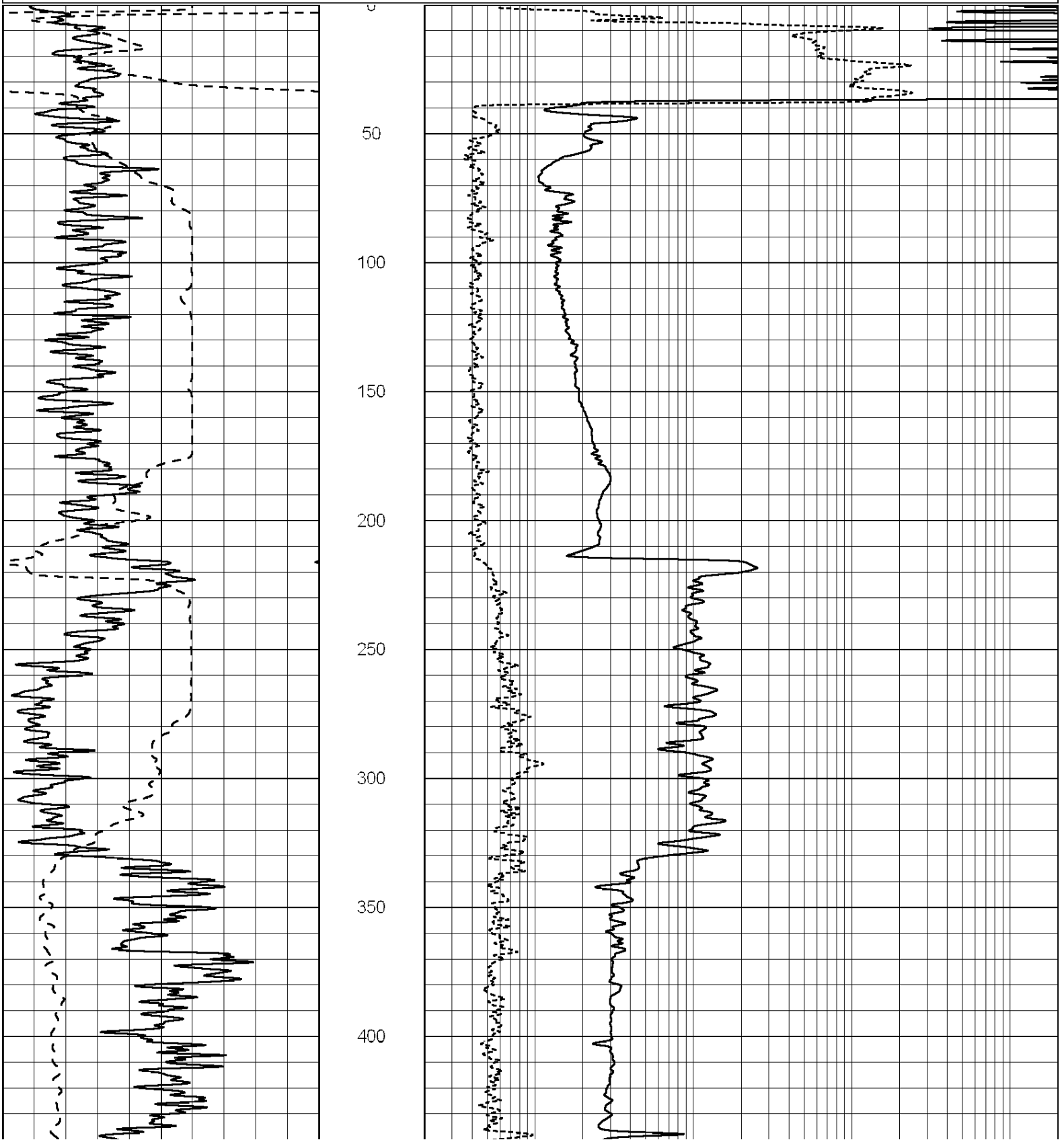
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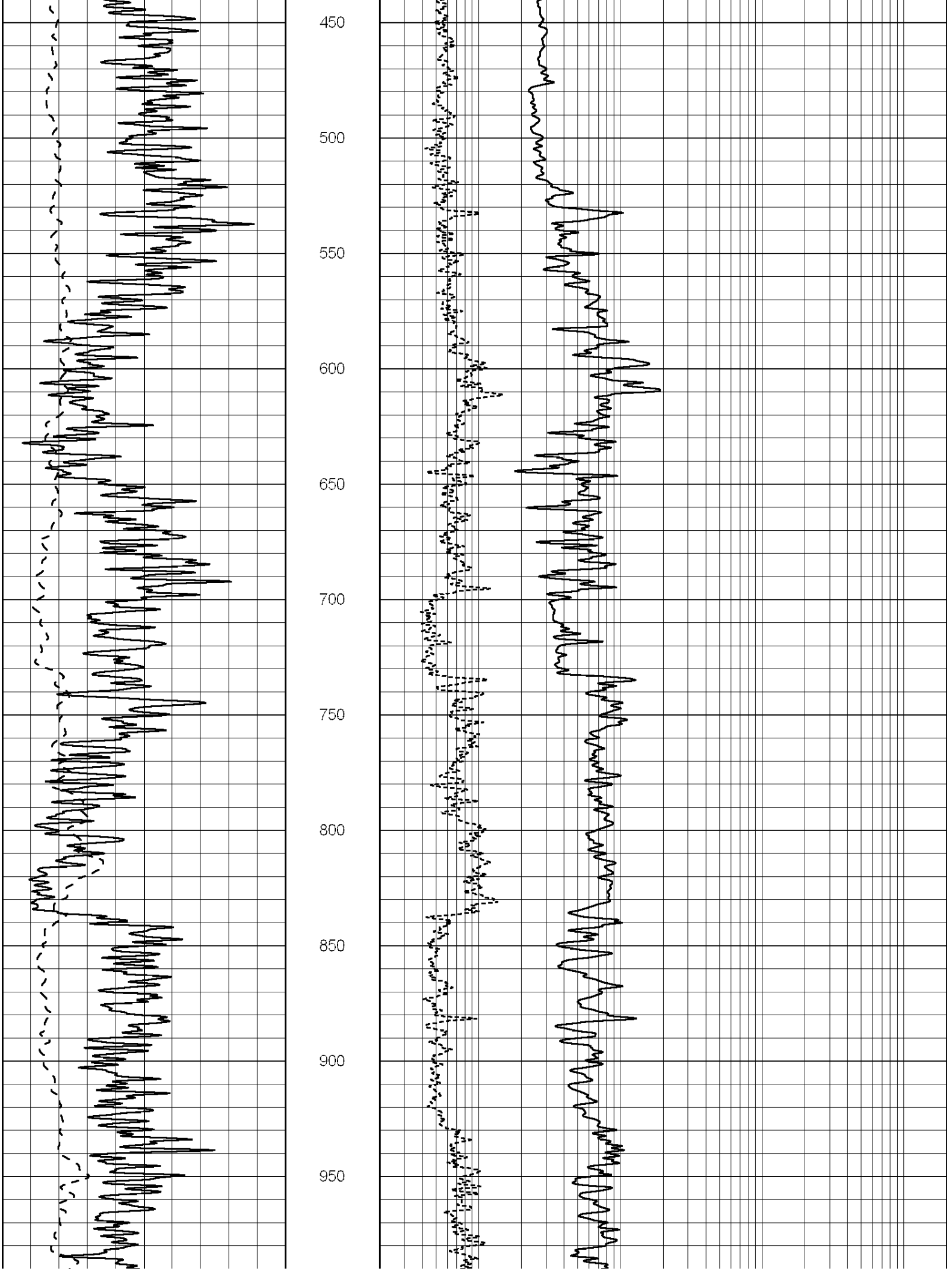
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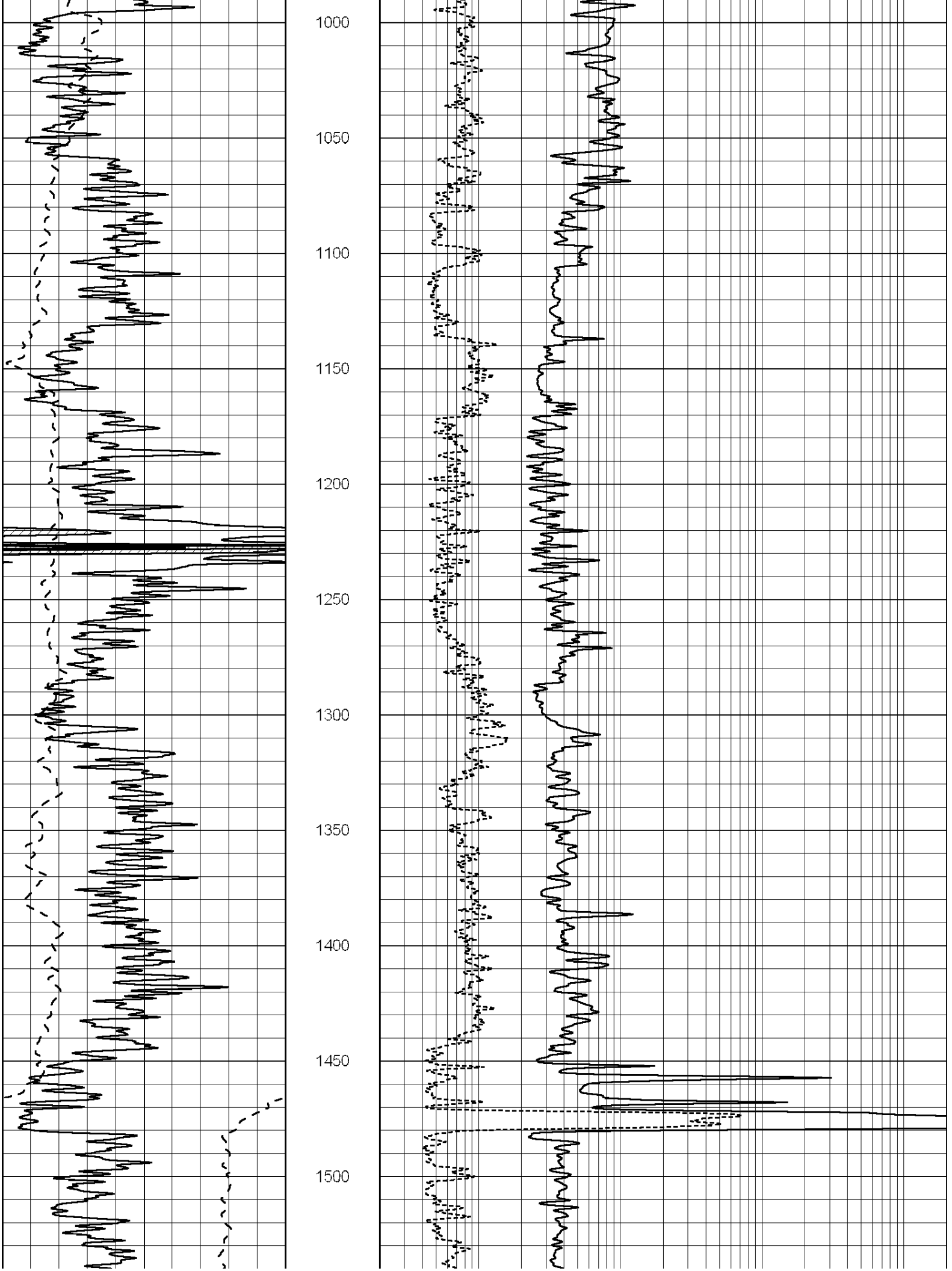
MAIN SECTION

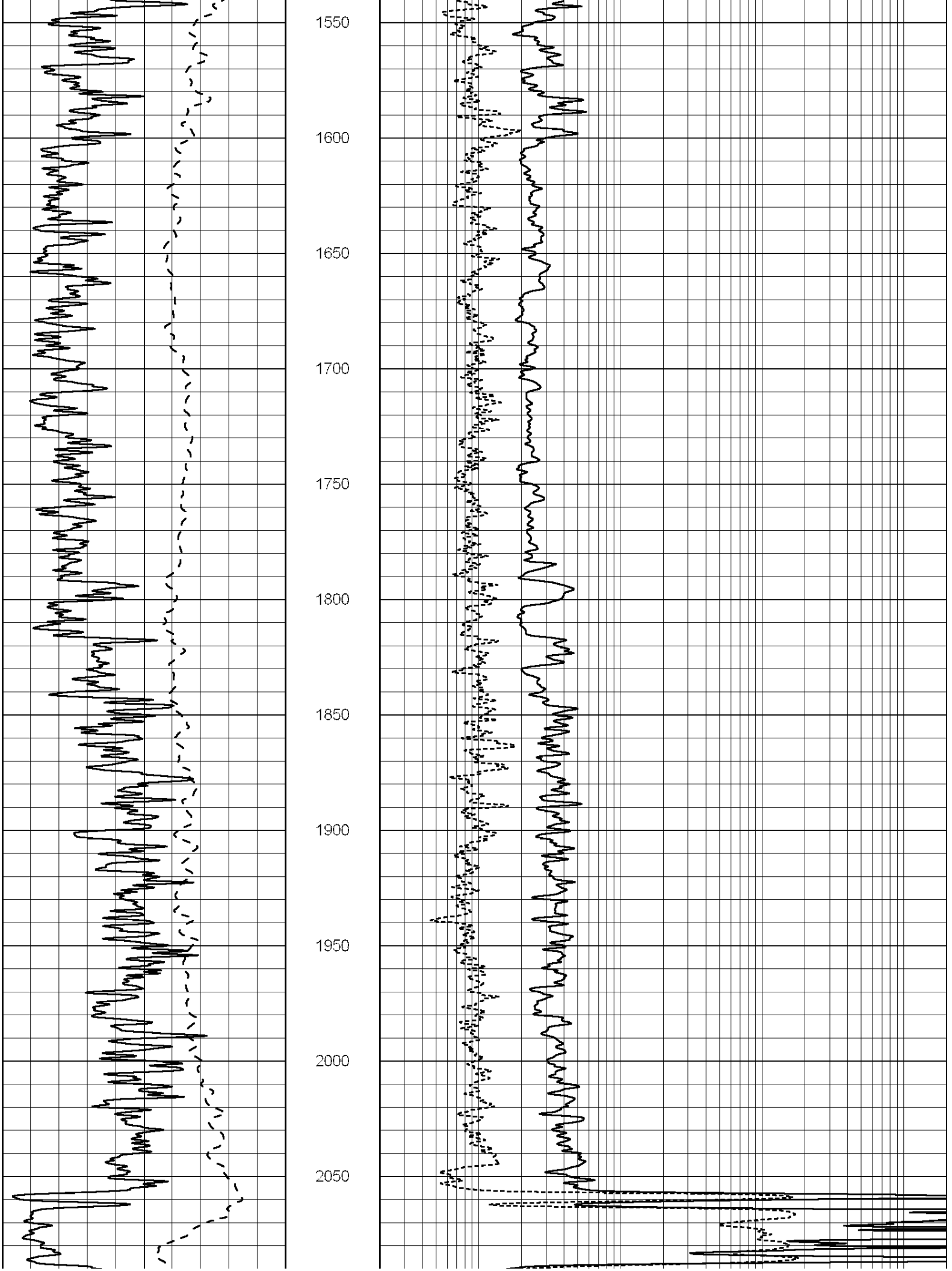
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Charted by:	Depth in Feet scaled 1:600

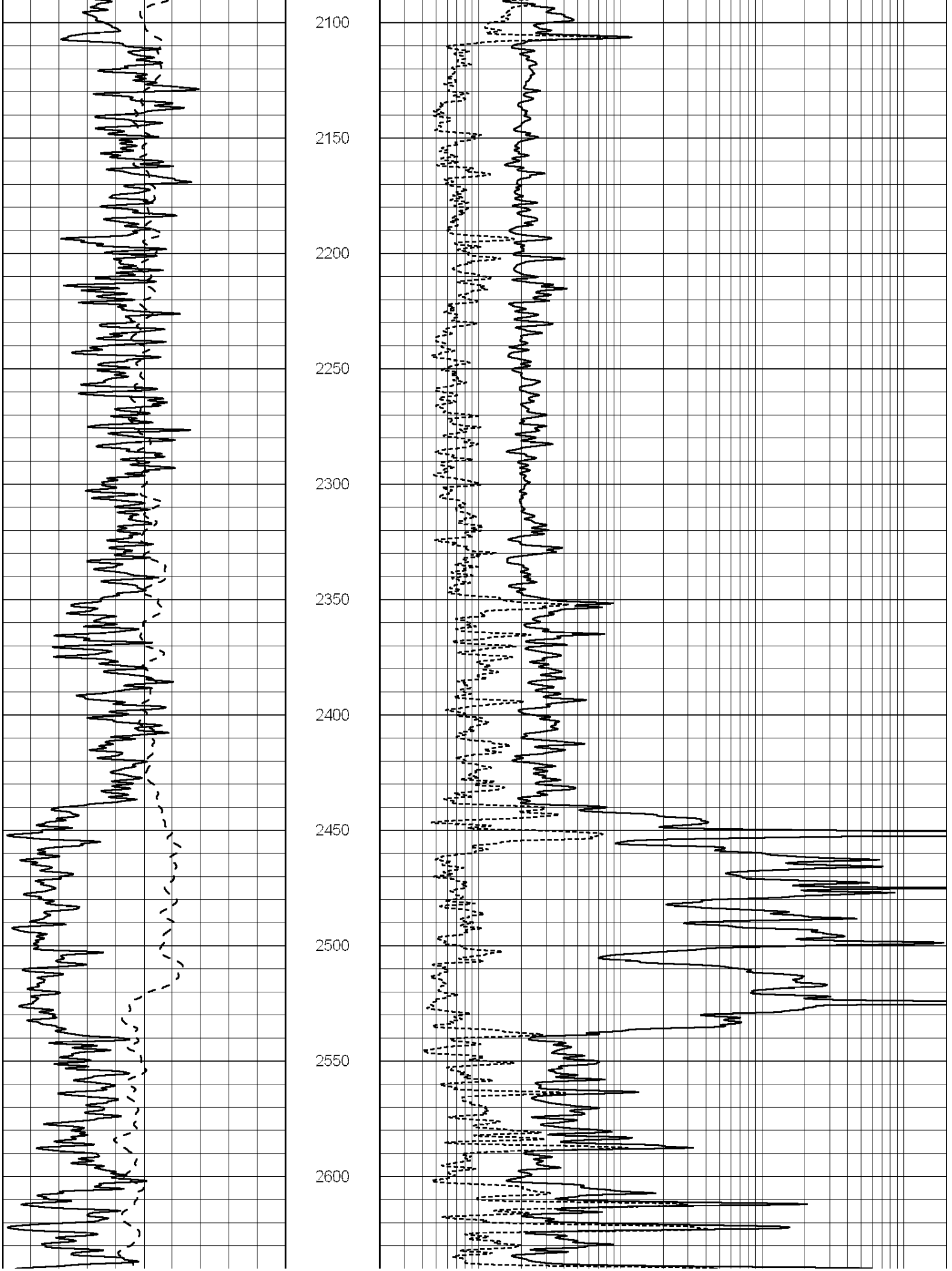
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-100 SP (mV) 100		0 NEUTRON (NAPI) 1000
	TBHV (ft3)	

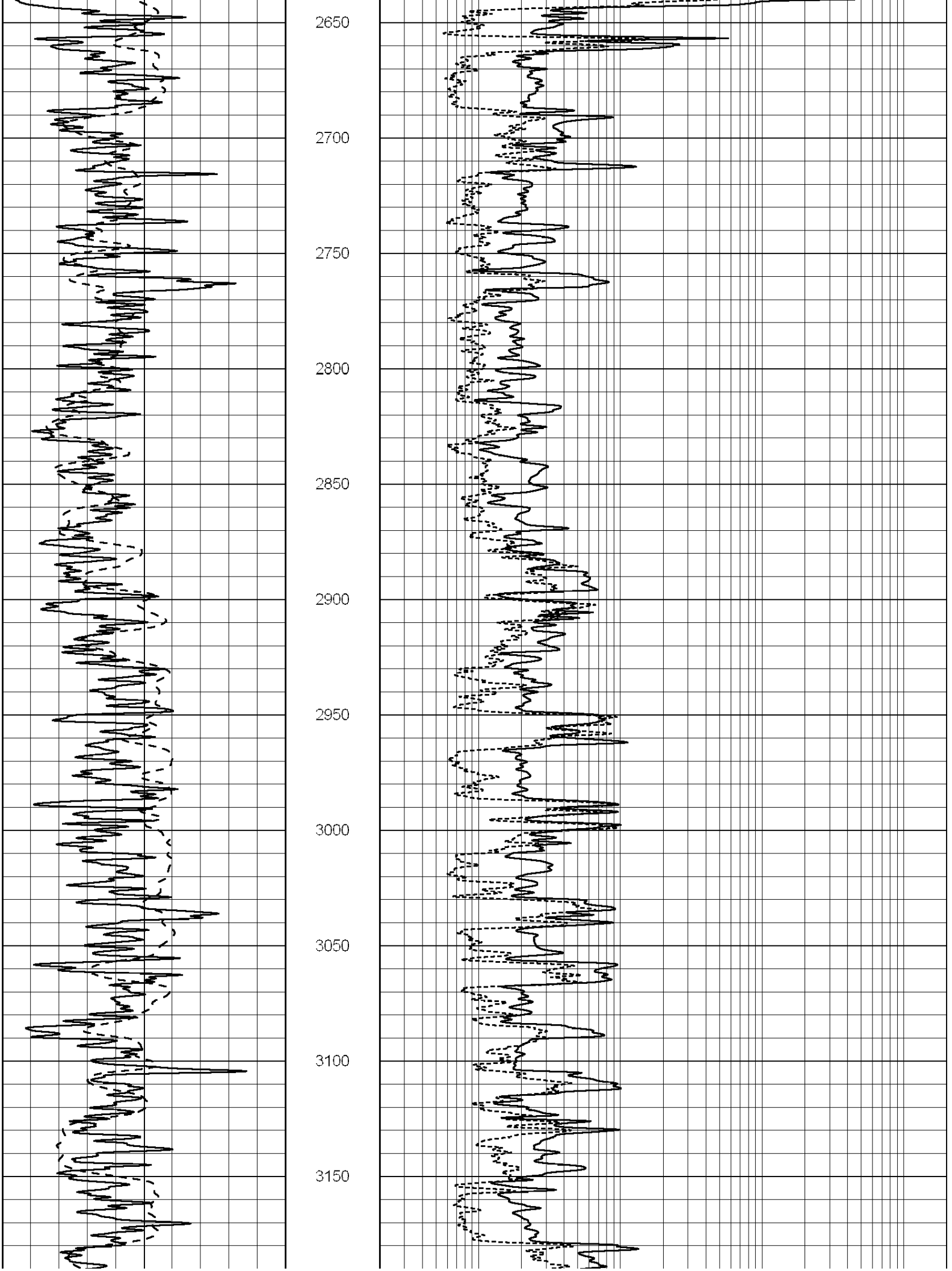


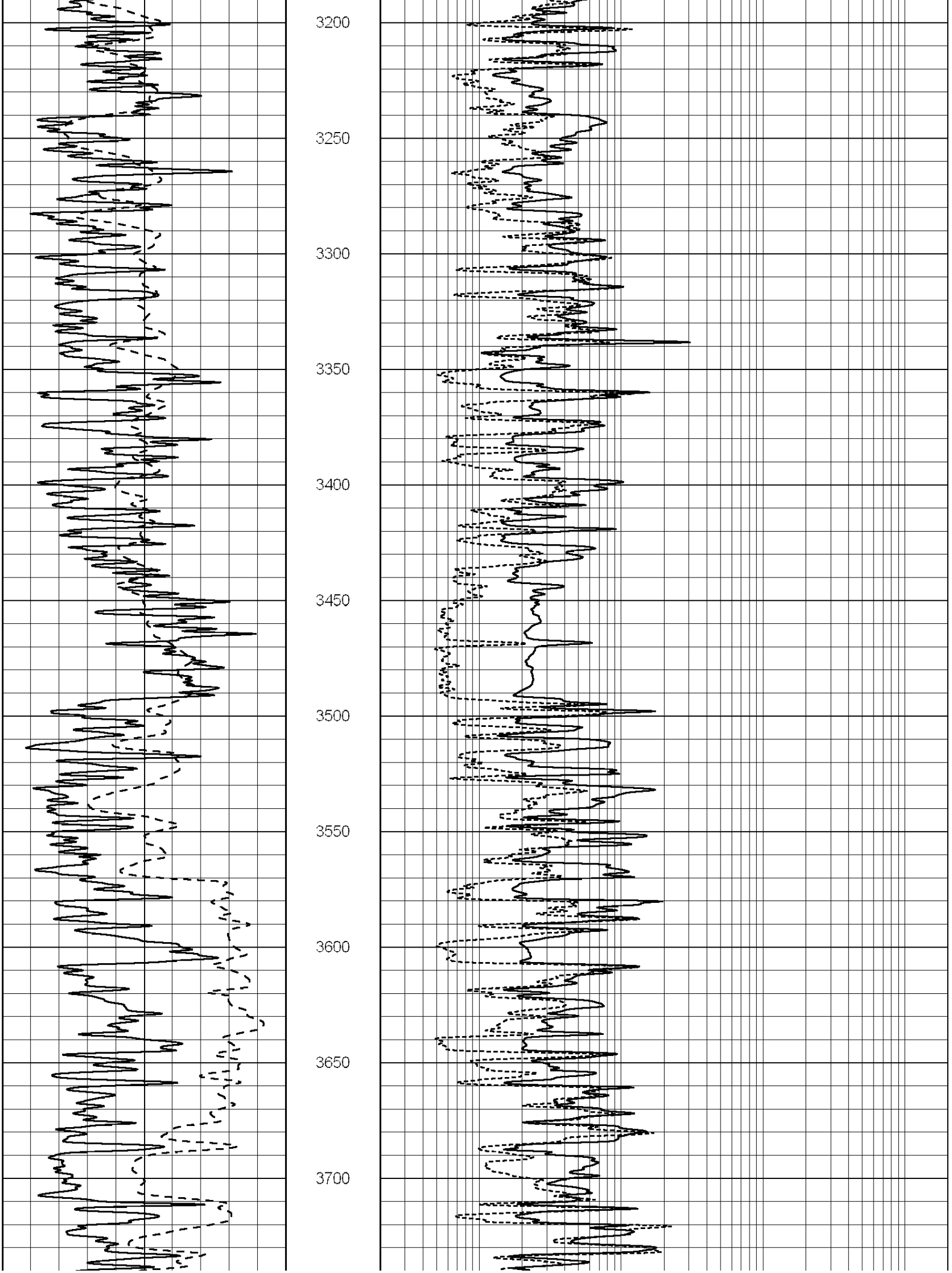

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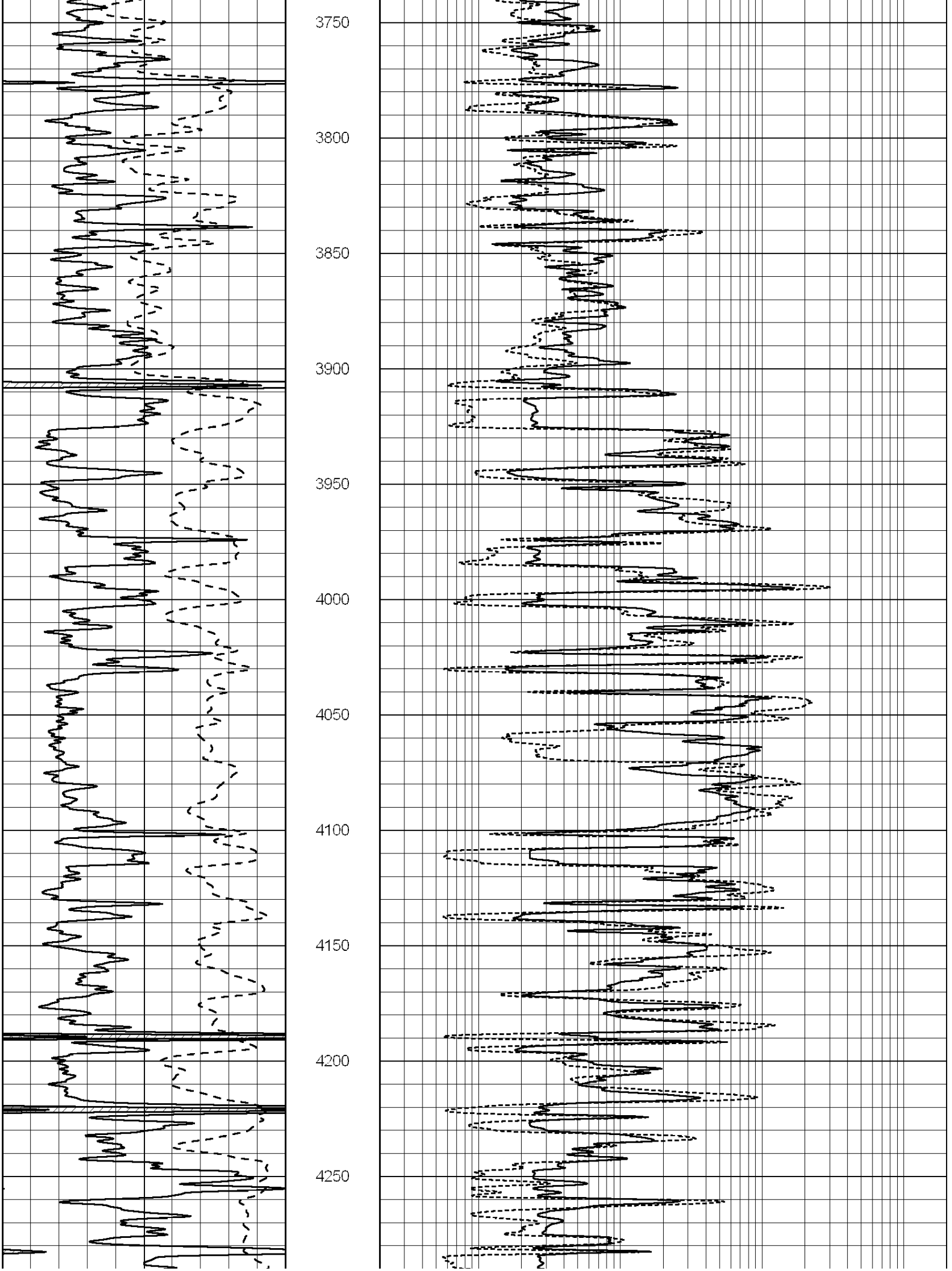

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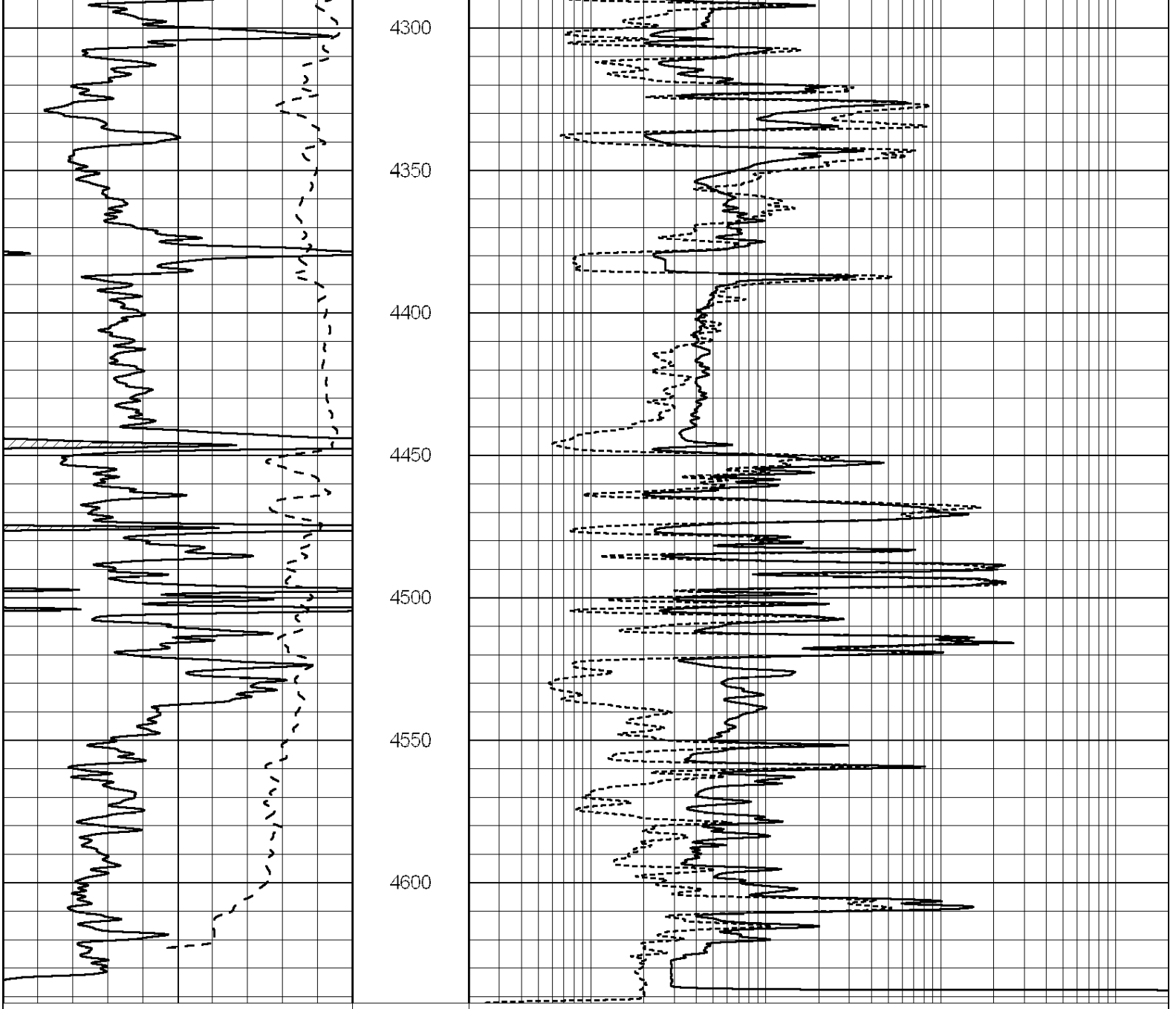

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4200
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0	GAMMA RAY (GAPI) 150	ABHV (ft3)	0.2	GUARD (Ohm-m) 2000
-100	SP (mV) 100		0	NEUTRON (NAPI) 1000
		TBHV (ft3)		

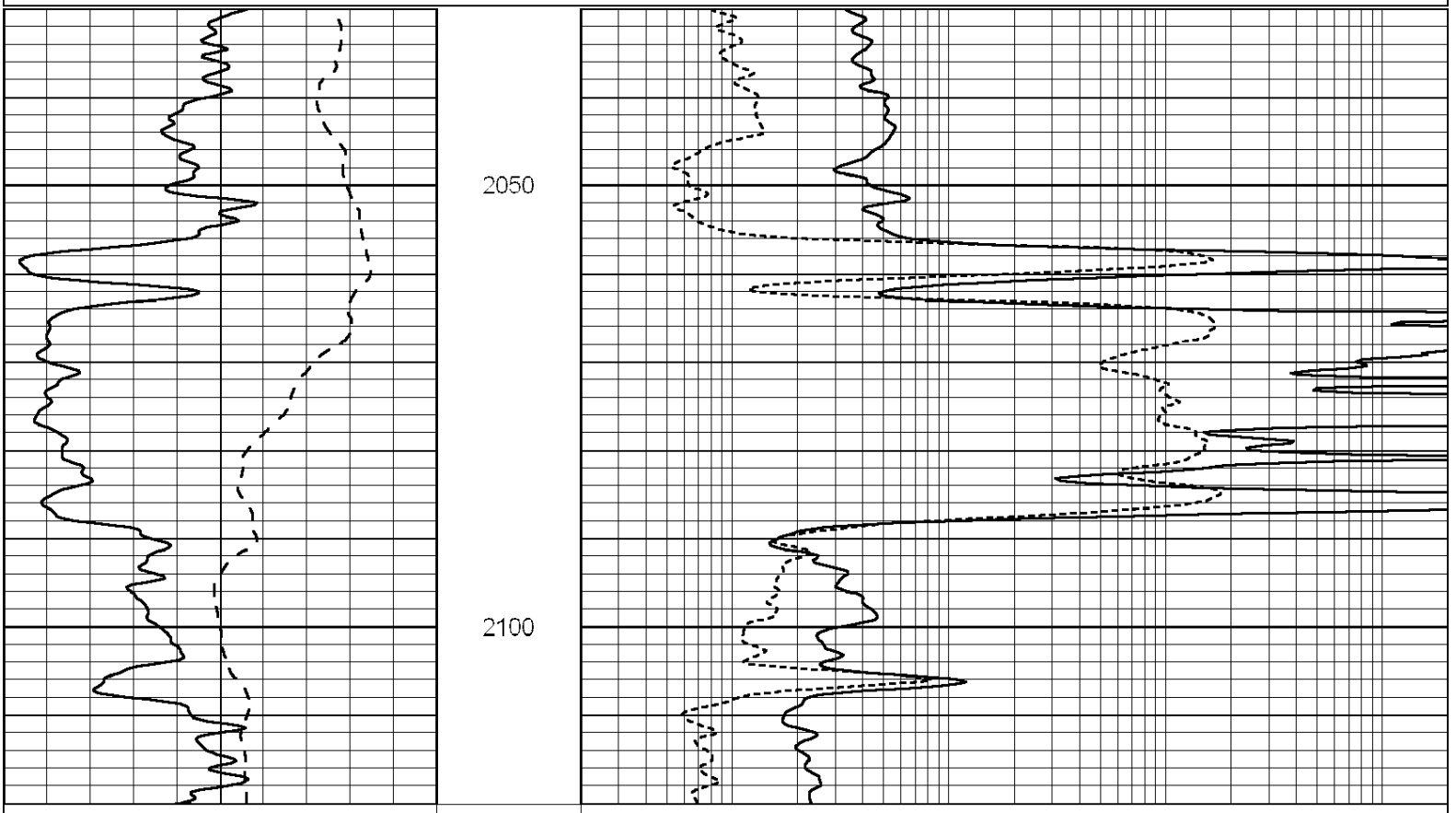
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ANHYDRITE

Database File:	009451rag.db
Dataset Pathname:	pass3.3
Presentation Format:	rag2
Dataset Creation:	Mon Jun 25 02:59:15 2012 by Calc Open-Cased 090629
Charted by:	Depth in Feet scaled 1:240

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



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

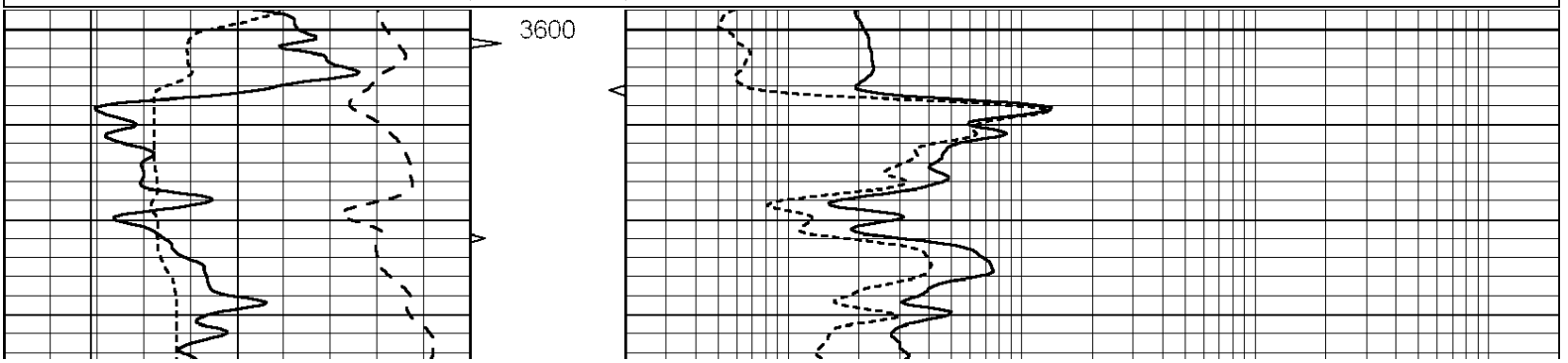
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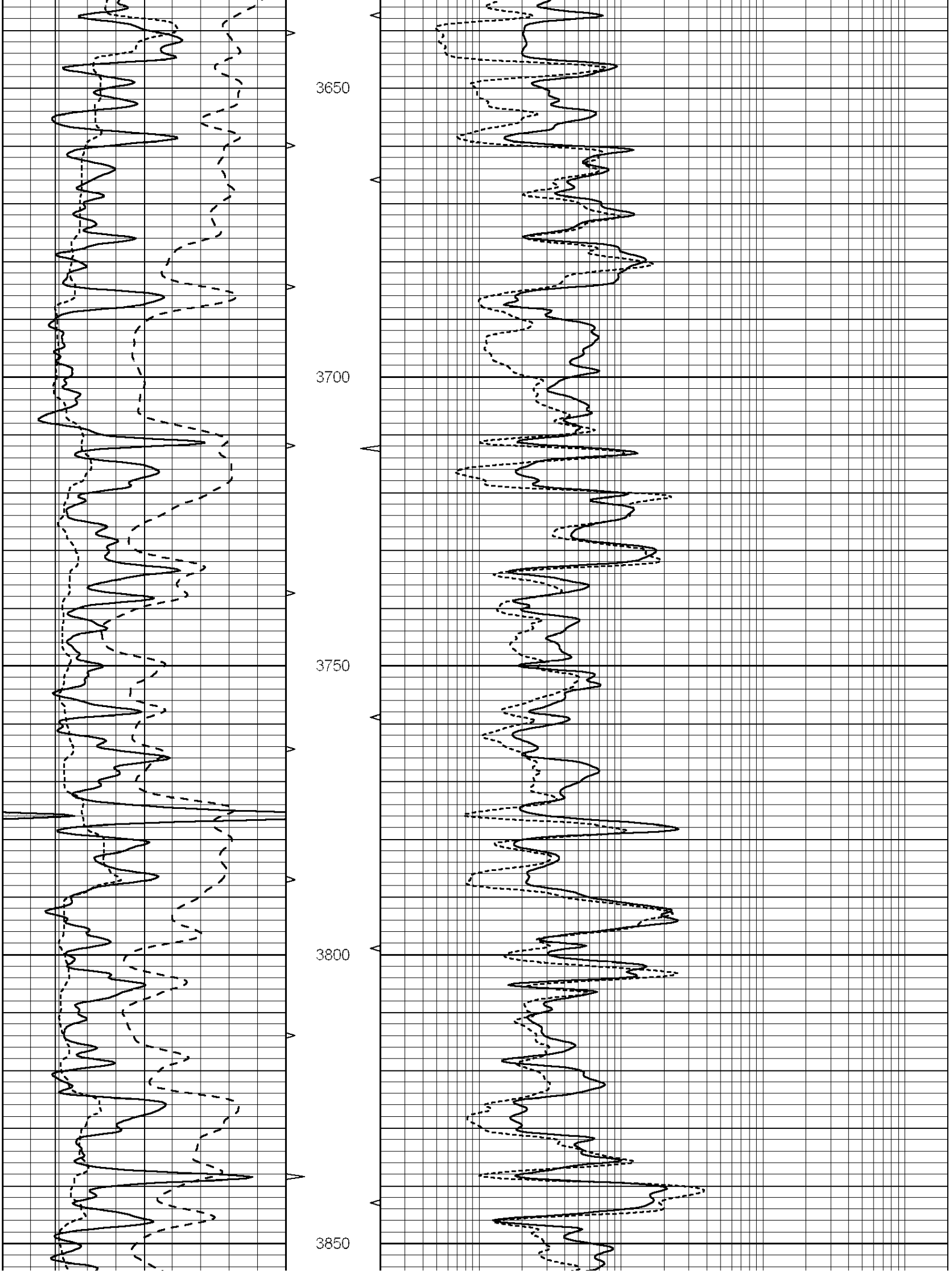
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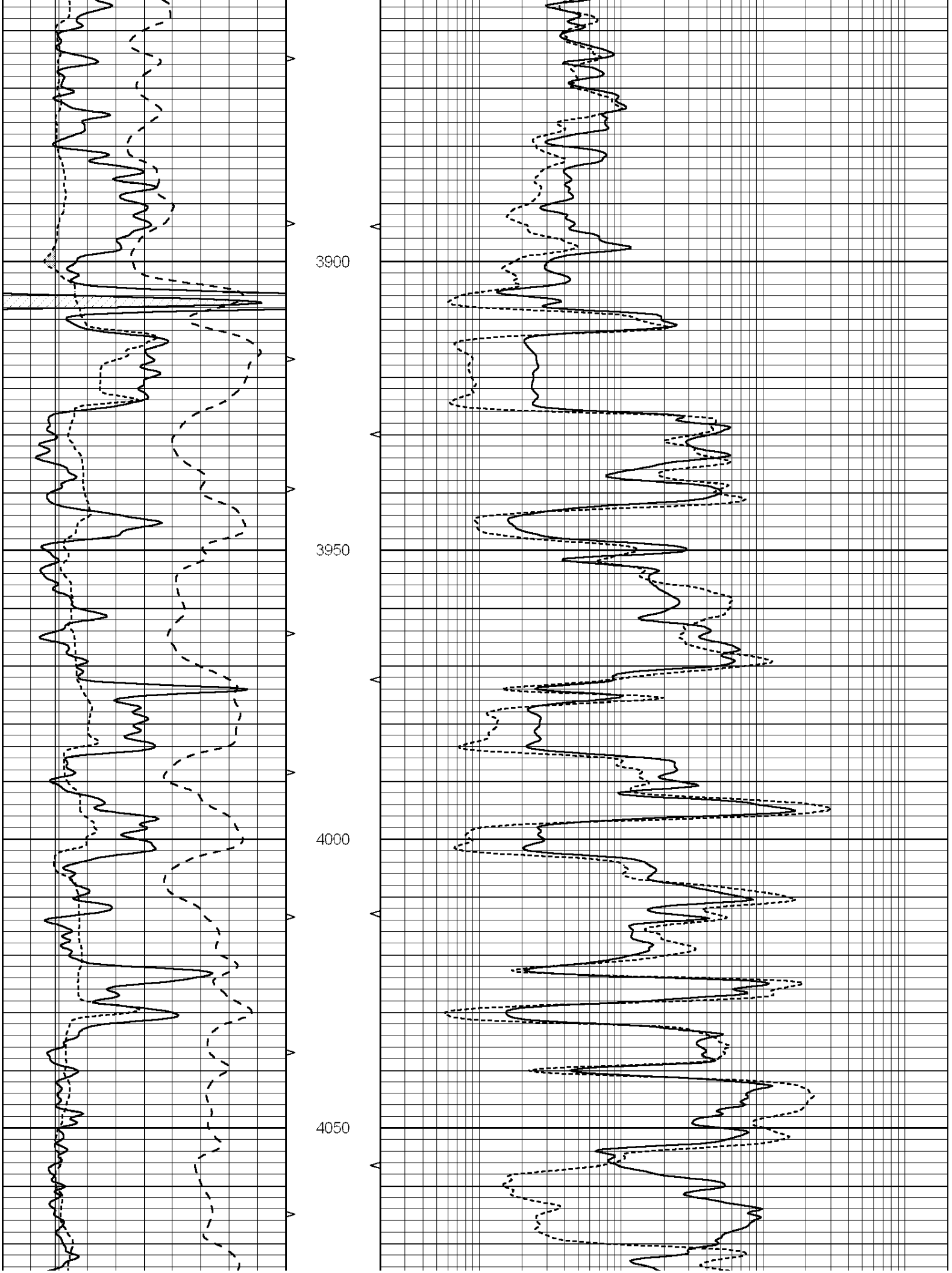
MAIN SECTION

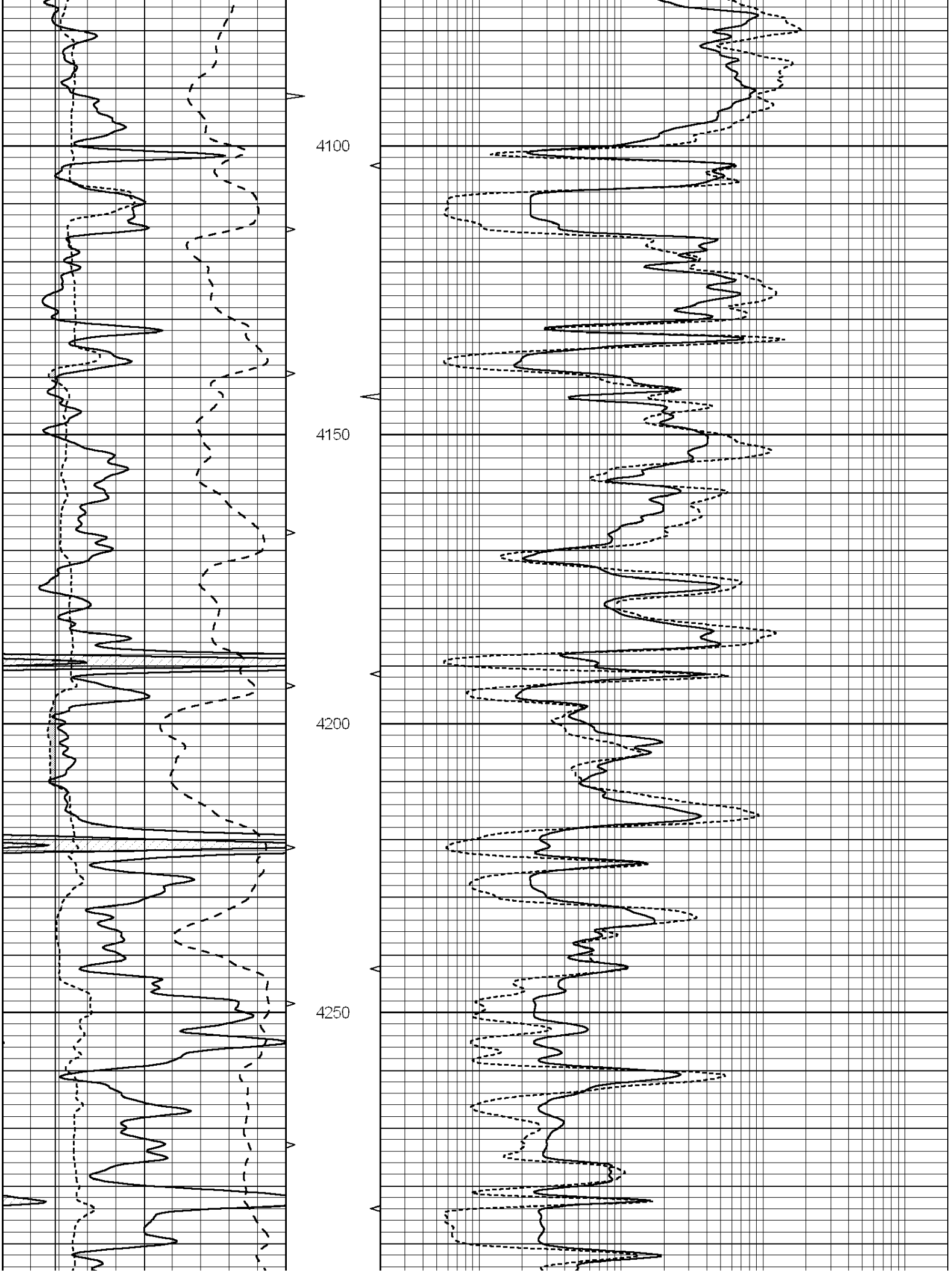
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Presentation Format:	rag
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Charted by:	Depth in Feet scaled 1:240

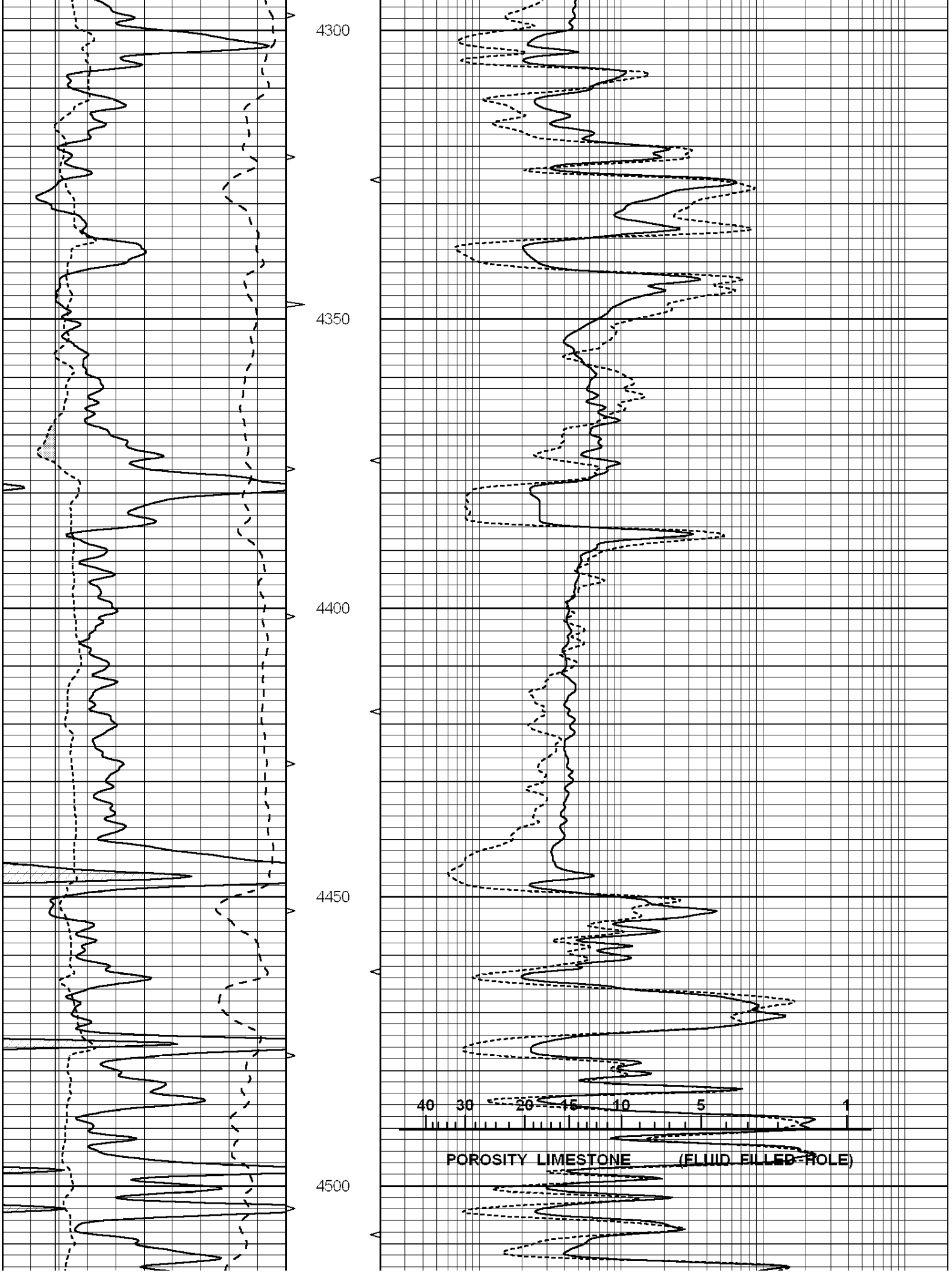
0 GAMMA RAY (GAPI) 150	ABHV	0.2 GUARD (Ohm-m) 2000
-100 SP (mV) 100	10 (ft3) 0	0 NEUTRON (NAPI) 1000
6 CALIPER (in) 16	TBHV	
	0 (ft3) 10	

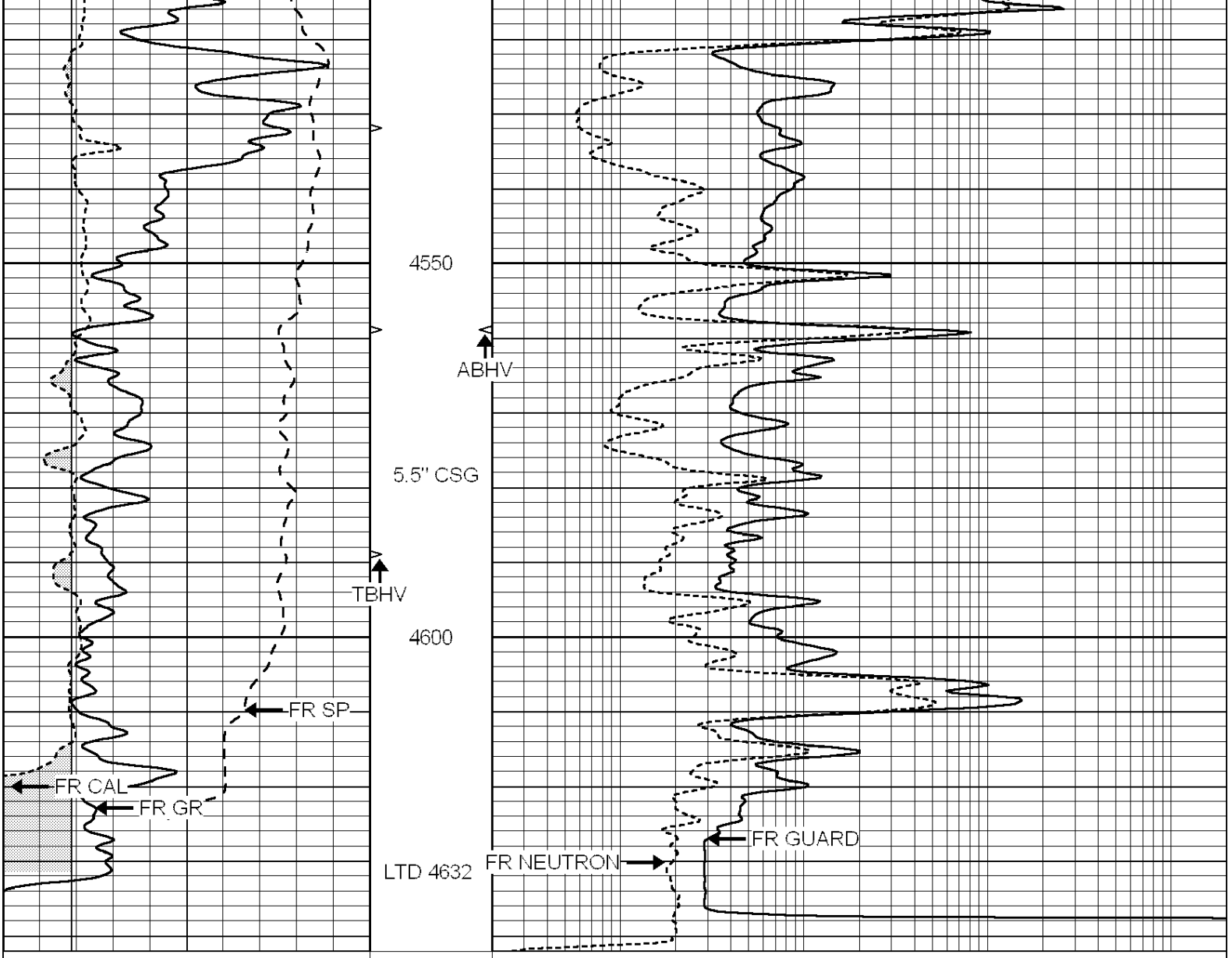



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POROSITY LIMESTONE (FLUID FILLED HOLE)



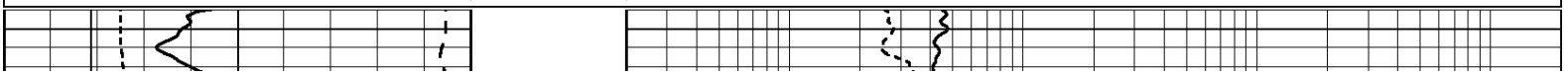
0	GAMMA RAY (GAPI)	150	ABHV	0.2	GUARD (Ohm-m) 2000
-100	SP (mV)	100	10 (ft3) 0	0	NEUTRON (NAPI) 1000
6	CALIPER (in)	16	TBHV		
			0 (ft3) 10		

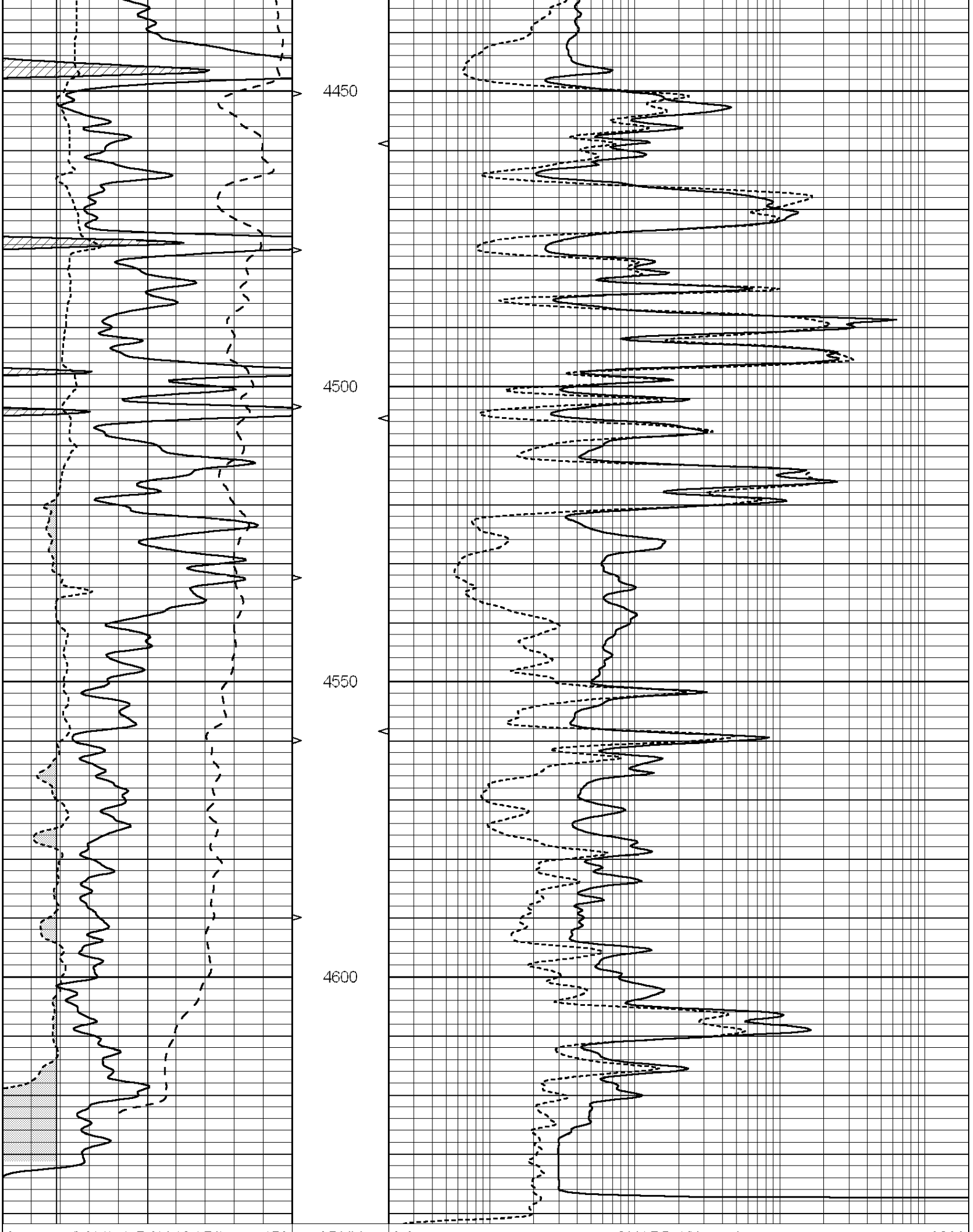
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REPEAT SECTION

Database File:	009451rag.db
Dataset Pathname:	pass2.1
Presentation Format:	rag
Dataset Creation:	Mon Jun 25 02:47:22 2012 by Calc Open-Cased 090629
Charted by:	Depth in Feet scaled 1:240

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




4450
4500
4550
4600
0 GAMMA RAY (GAPI) 150
-100 SP (mV) 100
6 CALIPER (in) 16
ABHV
10 (ft3) 0
TBHV
0.2 GUARD (Ohm-m) 2000
0 NEUTRON (NAPI) 1000

0 (ft3) 10