SUPERIOR WELL SERVICES

SUPERIOR
Hays,
Kansas

TRIPLE COMBO COMPOSITE LOG

Company	O'BRIEN RESOURCES, LLC
Well	#1 SNIDER 35
Field	HEALY SW
County	LANE
State	KANSAS

Company O'BRIEN RESOURCES, LLC

Well #1 SNIDER 35

Field HEALY SW

County LANE State KANSAS

Location: API # : 15-101-22289-0000

1103' FSL & 991' FWL

SEC 35 TWP 16S RGE 30W

Permanent Datum GROUND LEVEL Elevation 2852

Log Measured From KELLY BUSHING 5' A.G.L.

Drilling Measured From KELLY BUSHING

Other Services
CDL/CNL/PE
DIL/MEL/SON

Elevation
K.B. 2857
D.F. 2855
G.L. 2852

Date	5/11/11		
Run Number	TWO		
Depth Driller	4650		
Depth Logger	4651		
Bottom Logged Interval	4644		
Top Log Interval	200		
Casing Driller	8 5/8" @ 256'		
Casing Logger	256'		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 2700 PPM	
Density / Viscosity	9.3 / 49		
pH / Fluid Loss	10.0 / 7.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.90 @ 98F		
Rmf @ Meas. Temp	0.68 @ 98F		
Rmc @ Meas. Temp	1.08 @ 98F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	0.72 @ 122F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	122F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	JEFF GRONEWEG		
Witnessed By	KIM SHOEMAKER		

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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

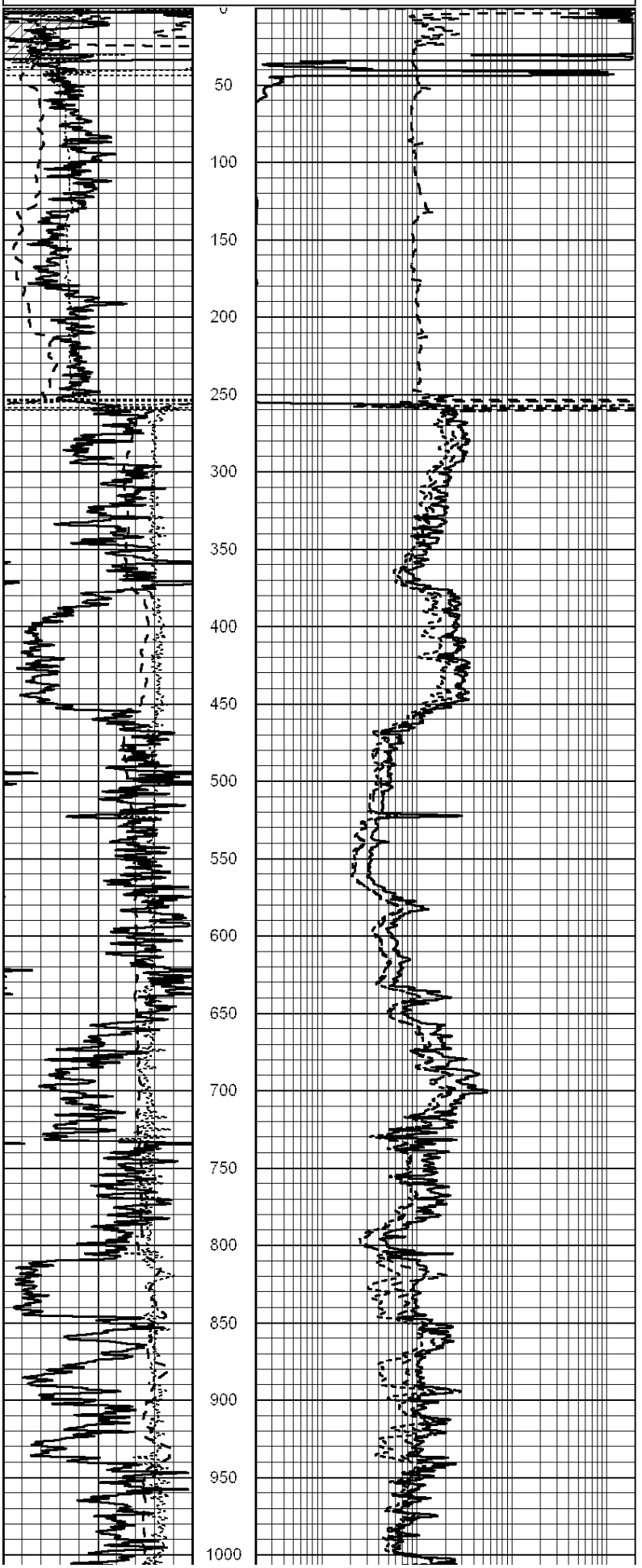
HEALY, KS - 1 1/4 MILES NORTH ON DODGE RD (HEALY OIL & GAS STATION)

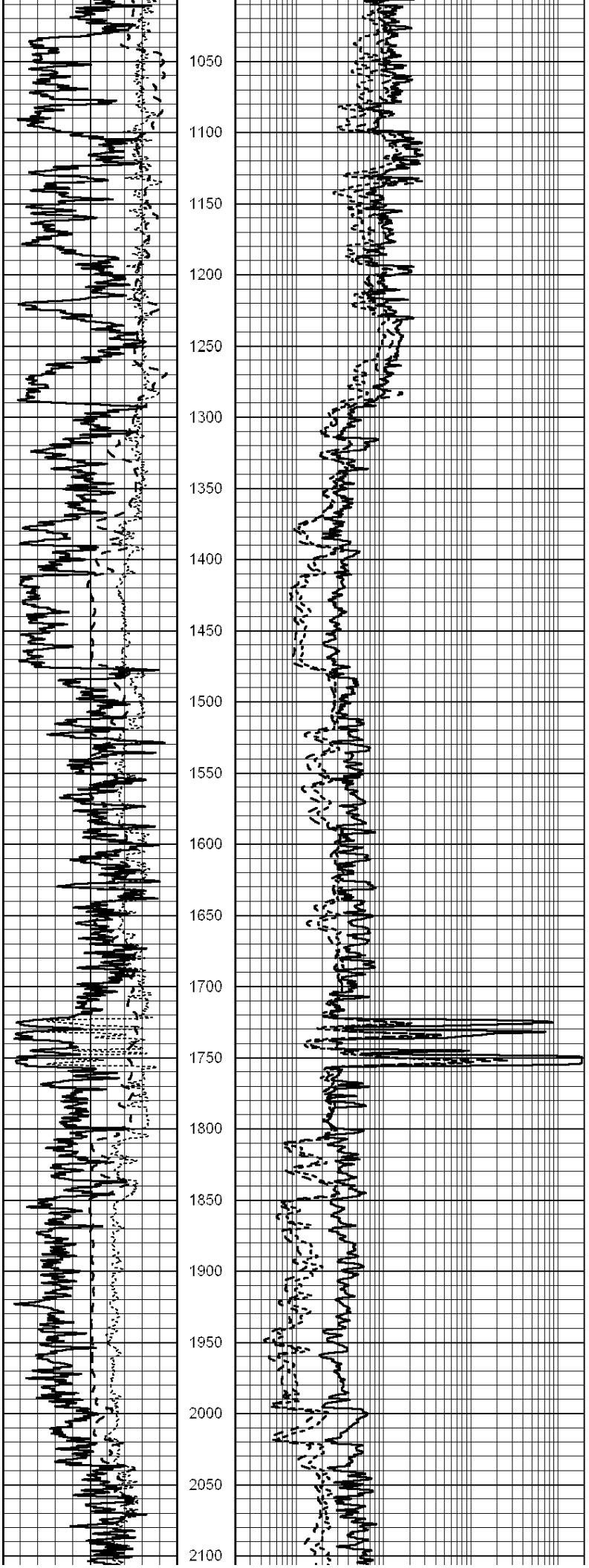
EAST INTO

Database File:	007076pe.db
Dataset Pathname:	passC
Presentation Format:	_dil
Dataset Creation:	Wed May 11 21:24:35 2011
Charted by:	Depth in Feet scaled 1:1200

GAMMA RAY		
0	(GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50

0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000

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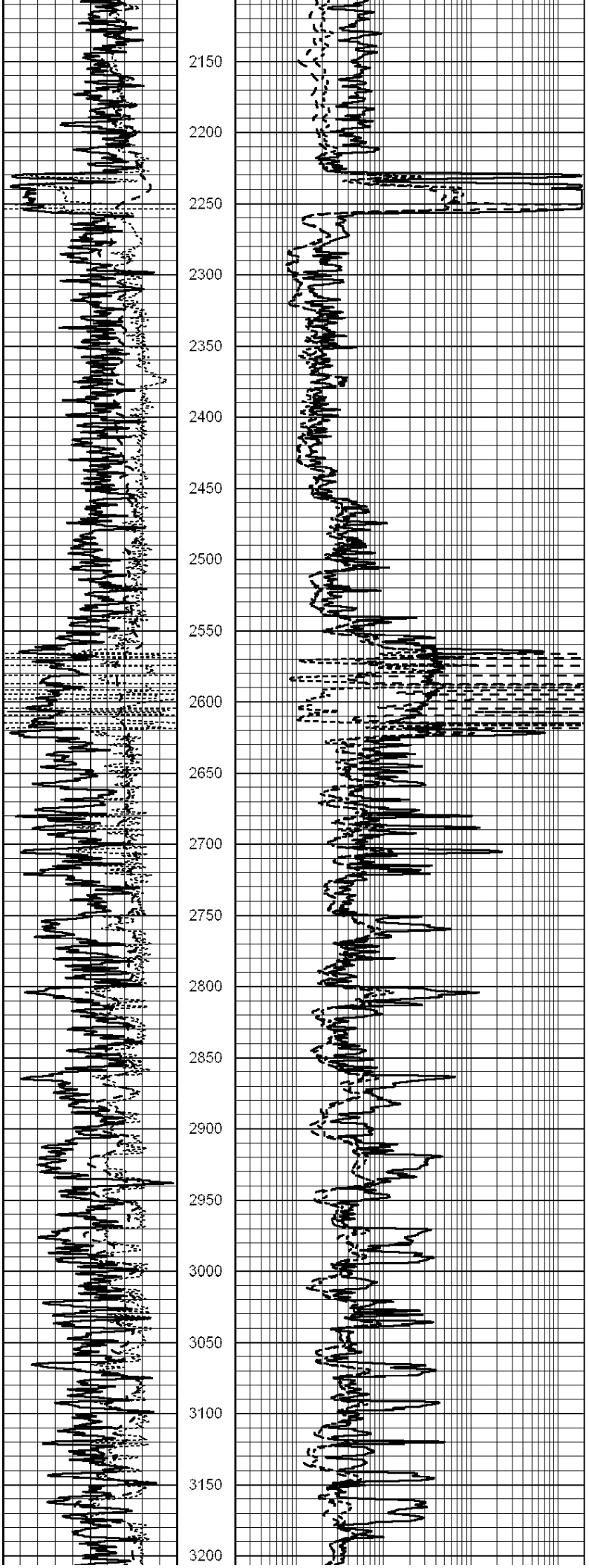
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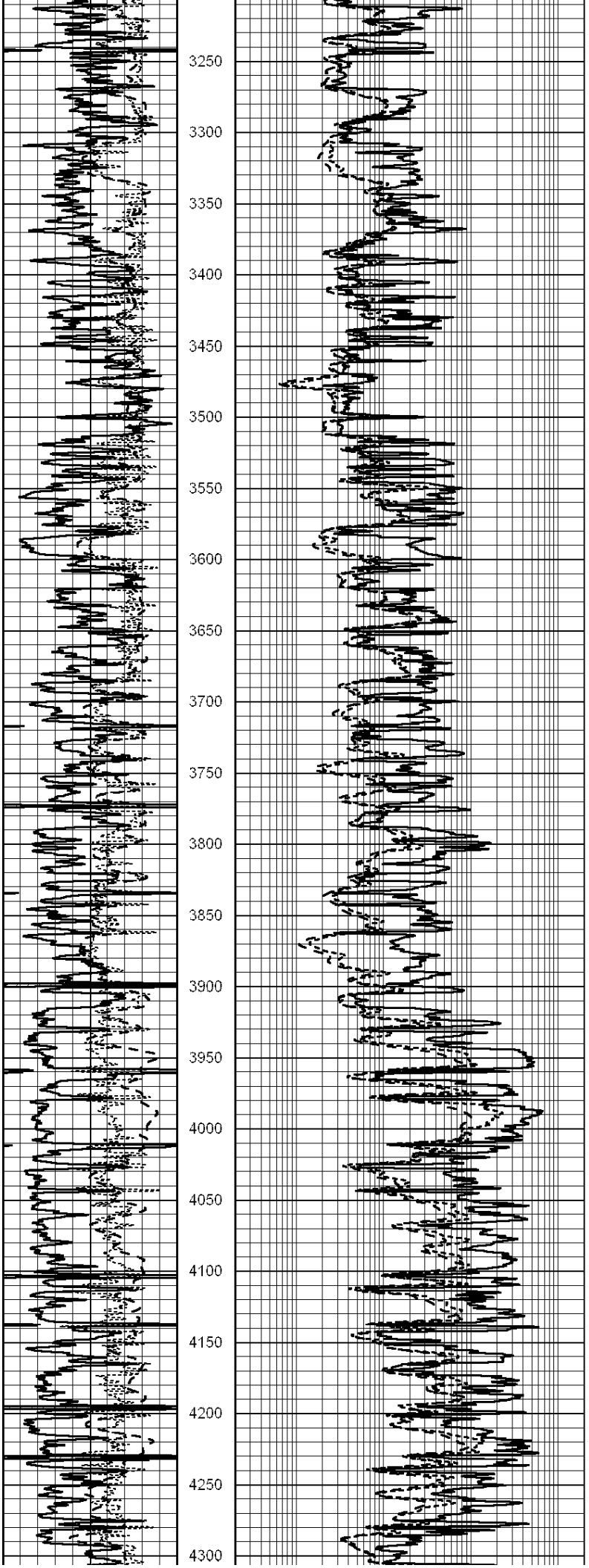
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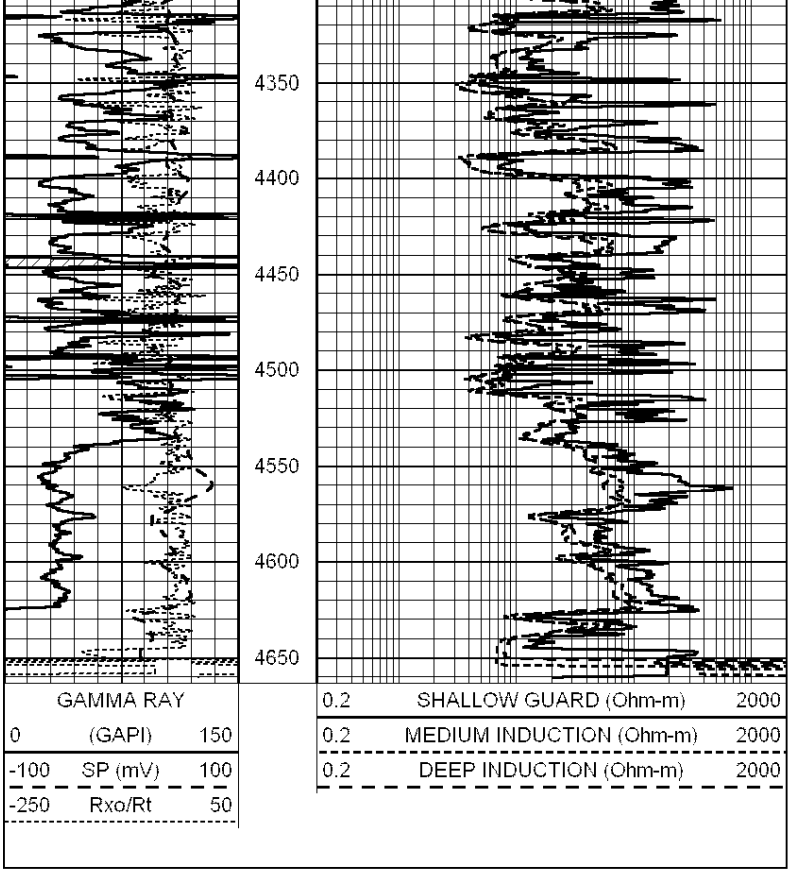

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Presentation Format: _dil
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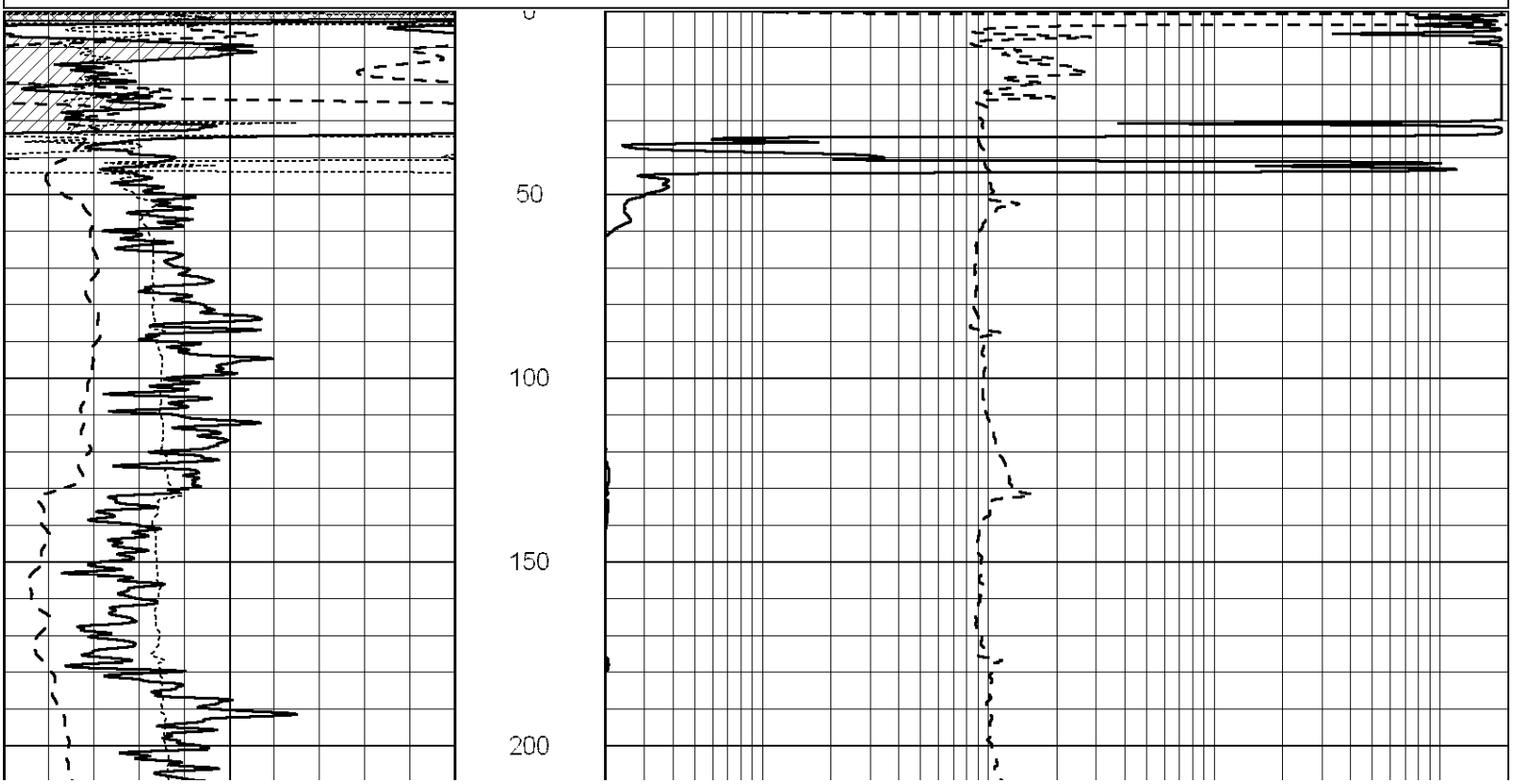
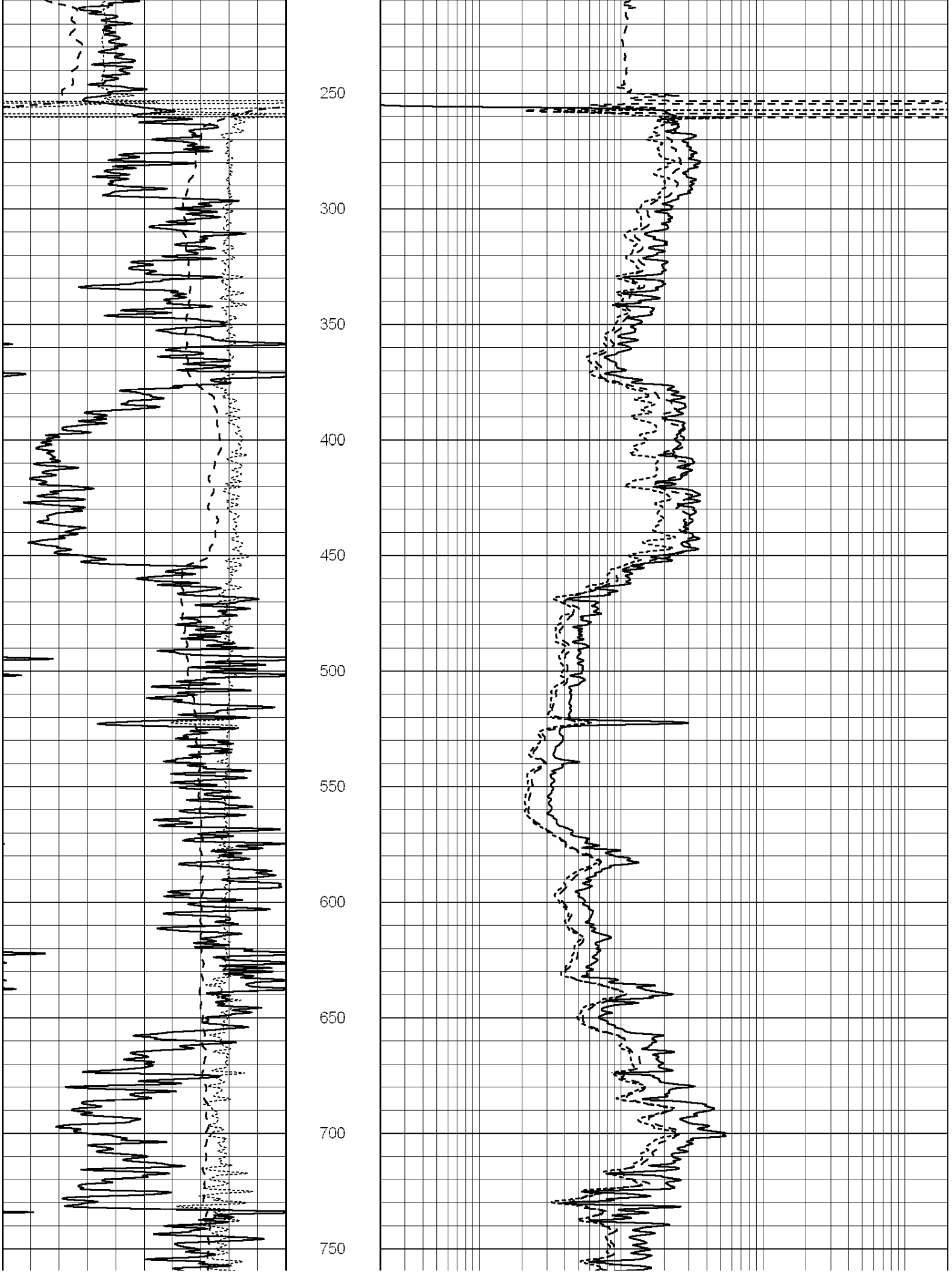
Charted by: Depth in Feet scaled 1:600

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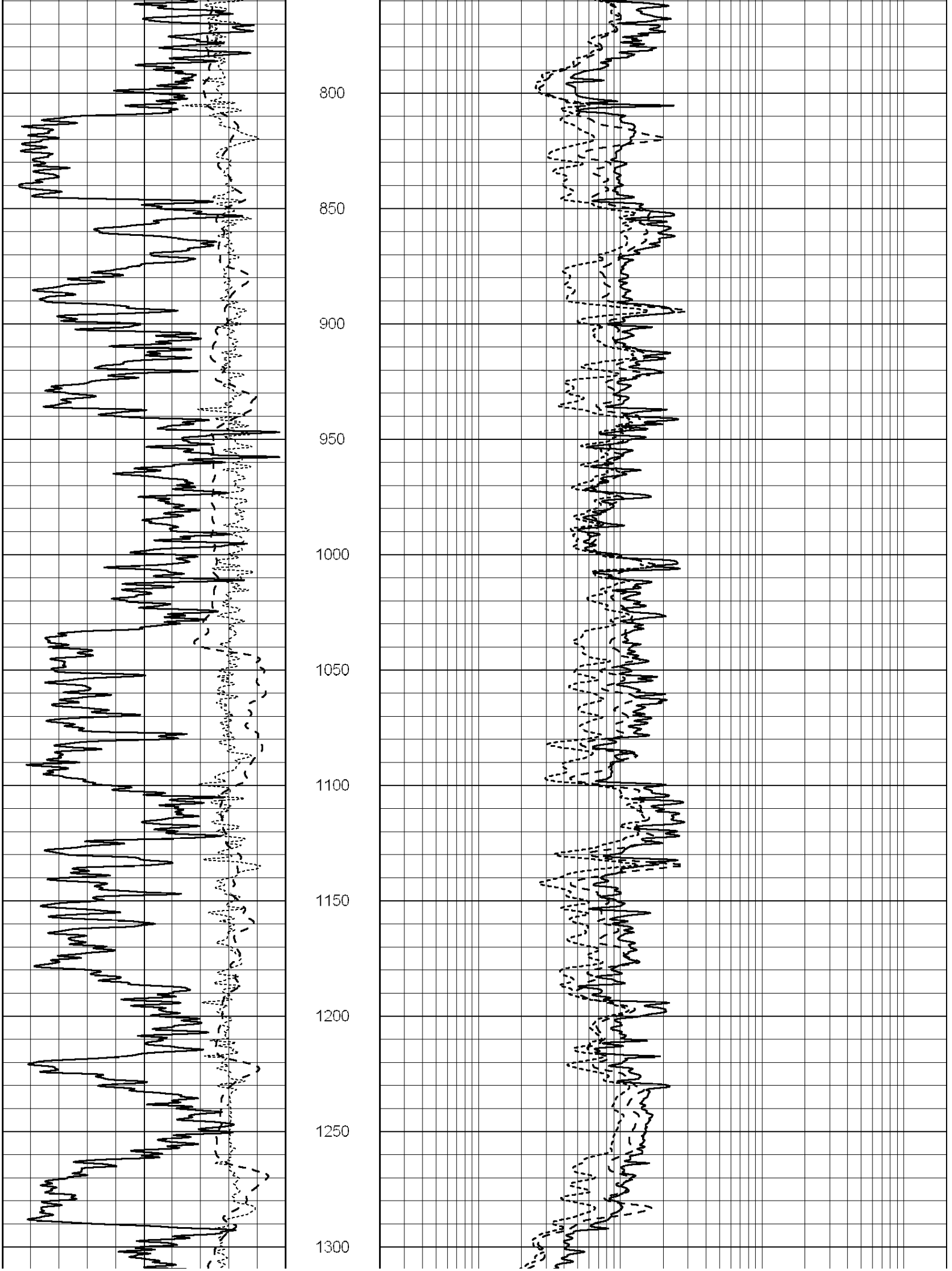
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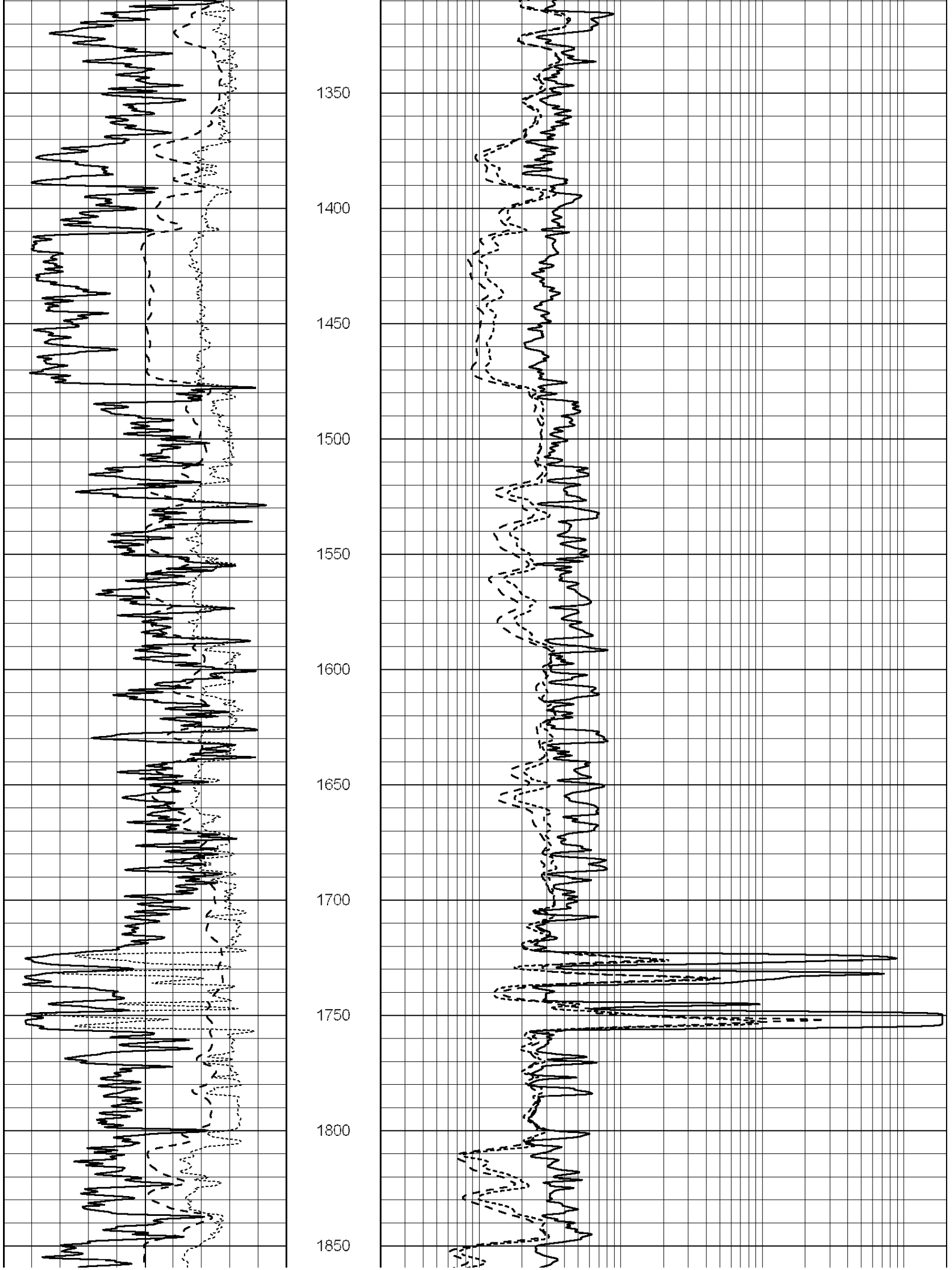
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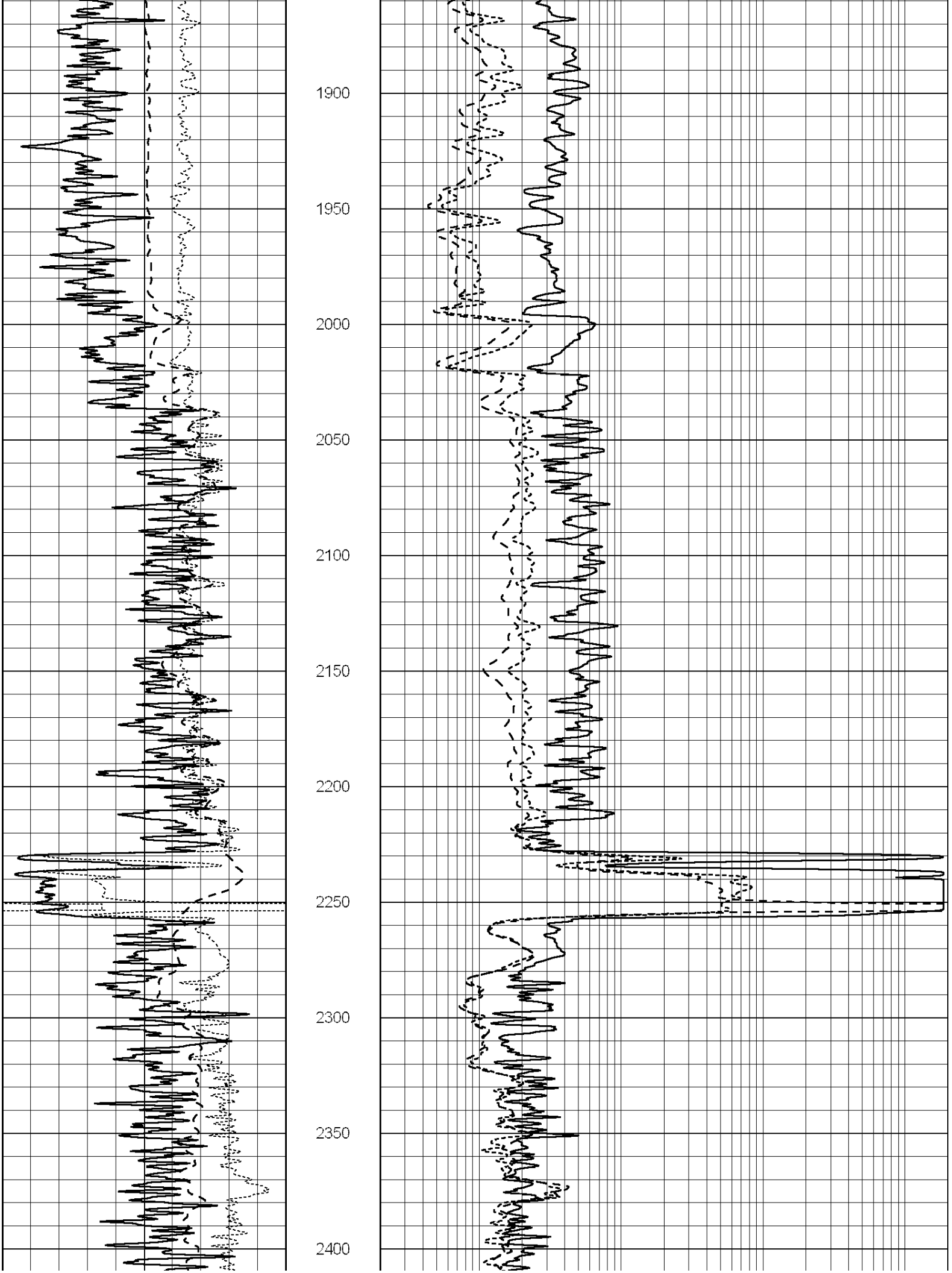
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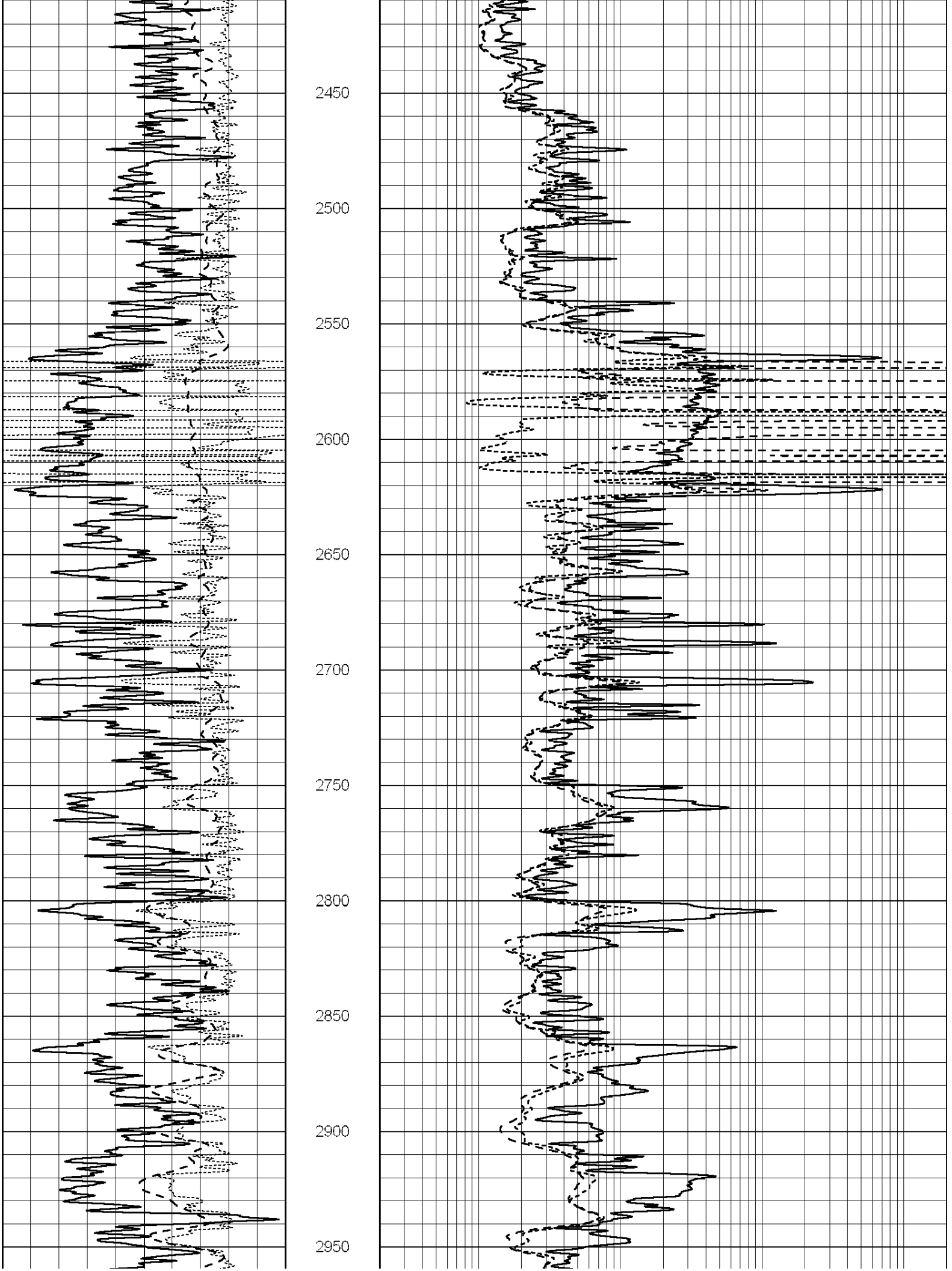
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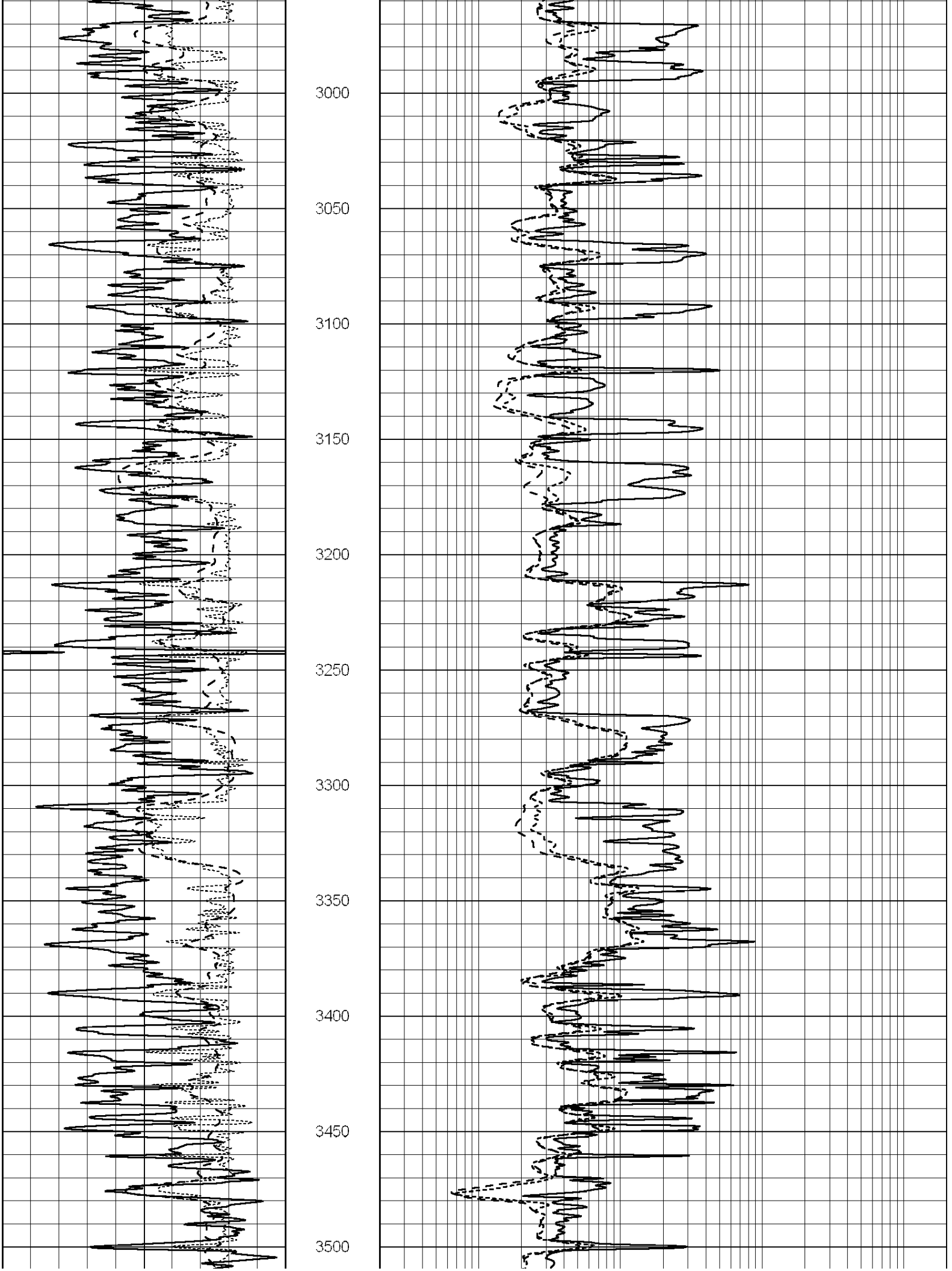
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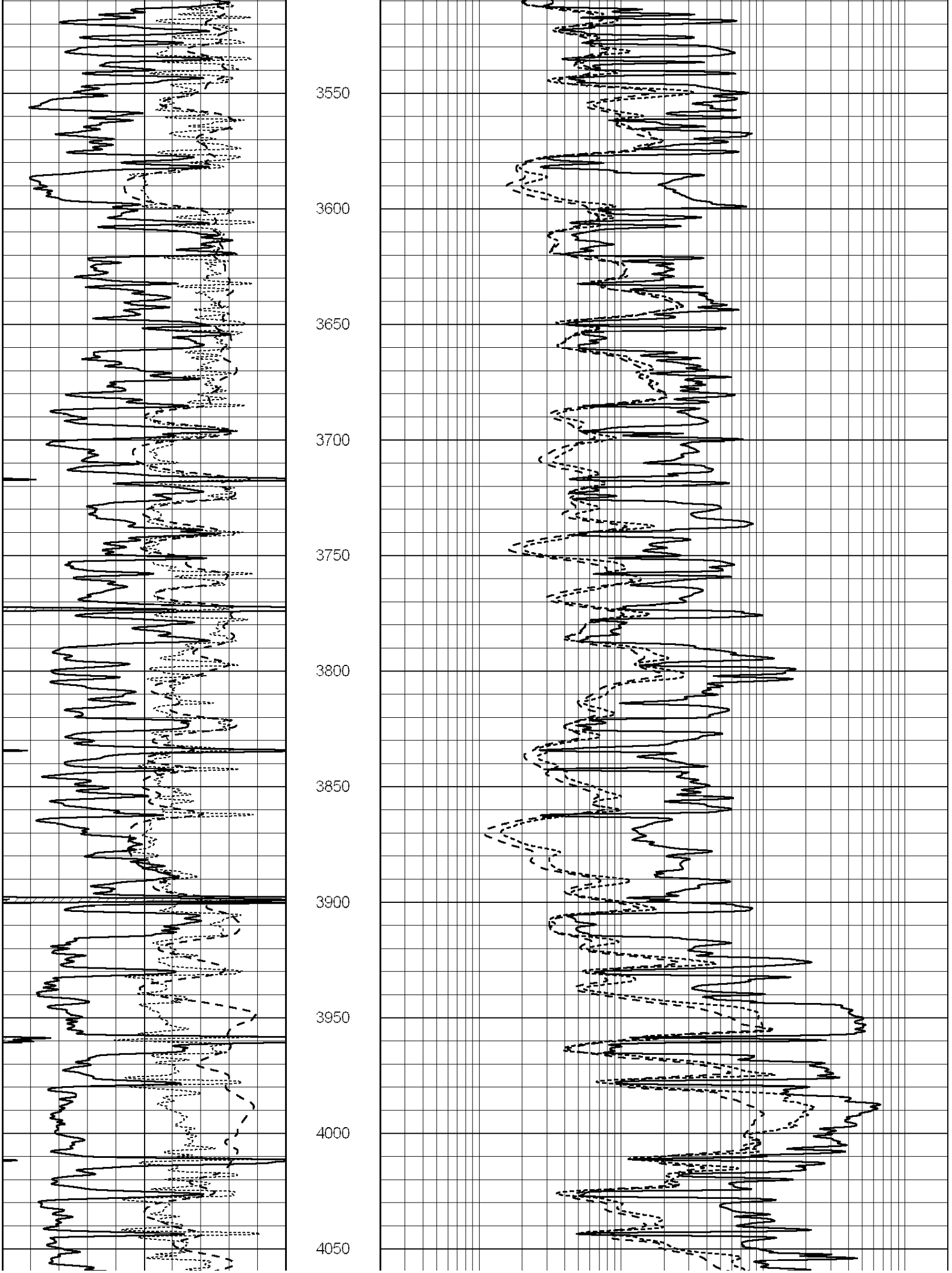
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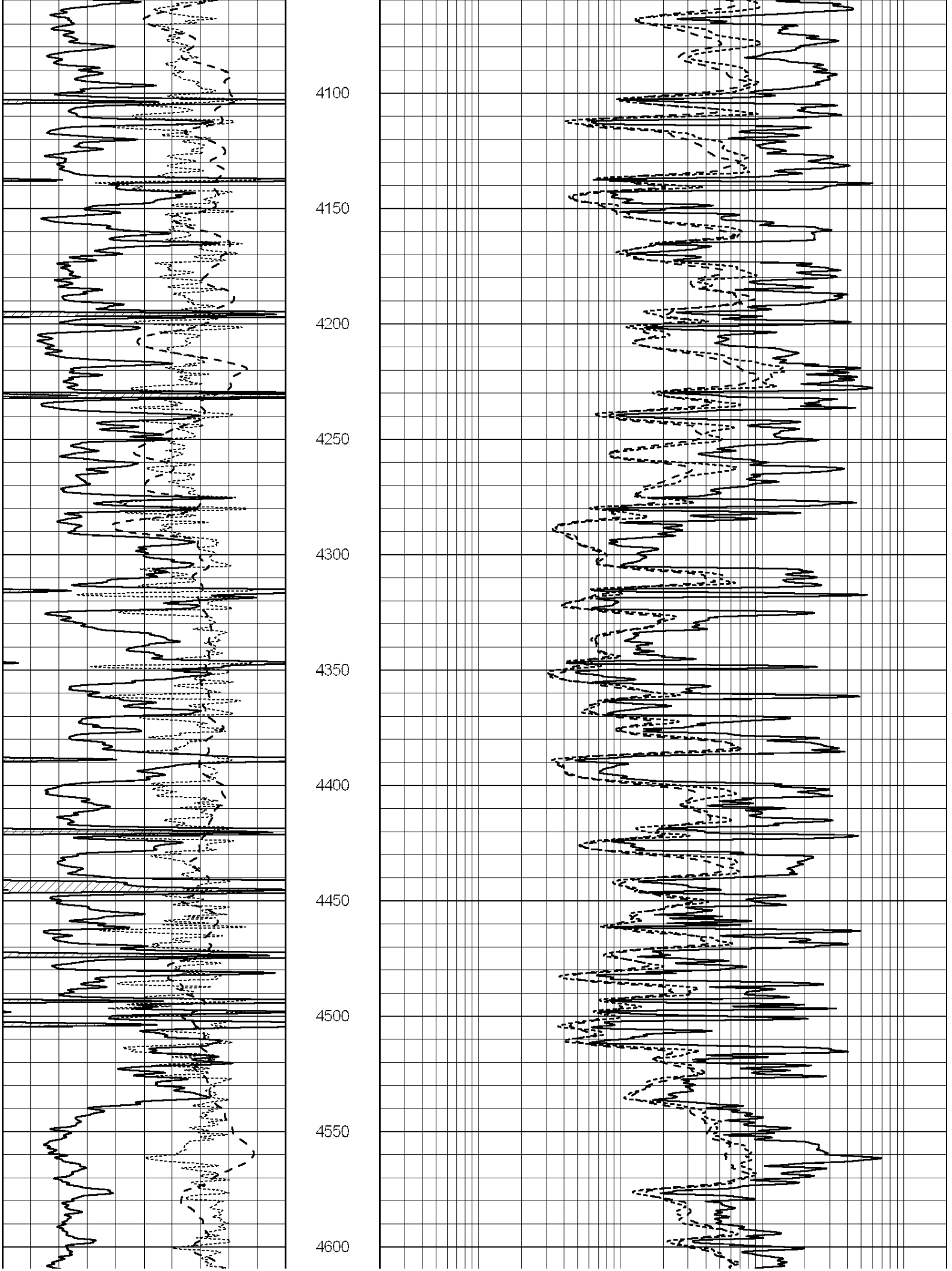
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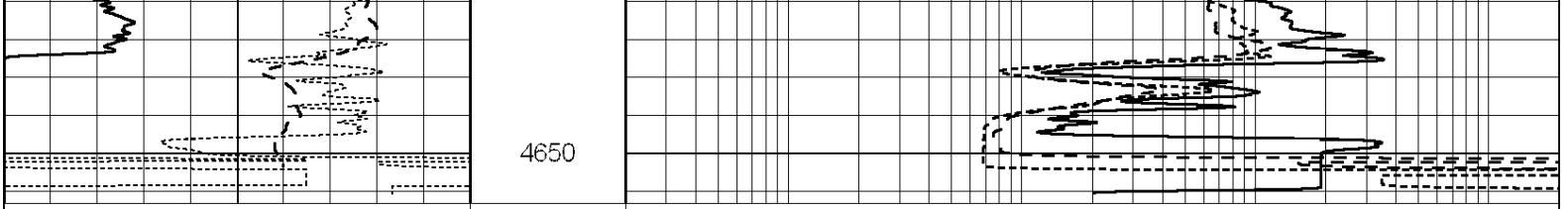
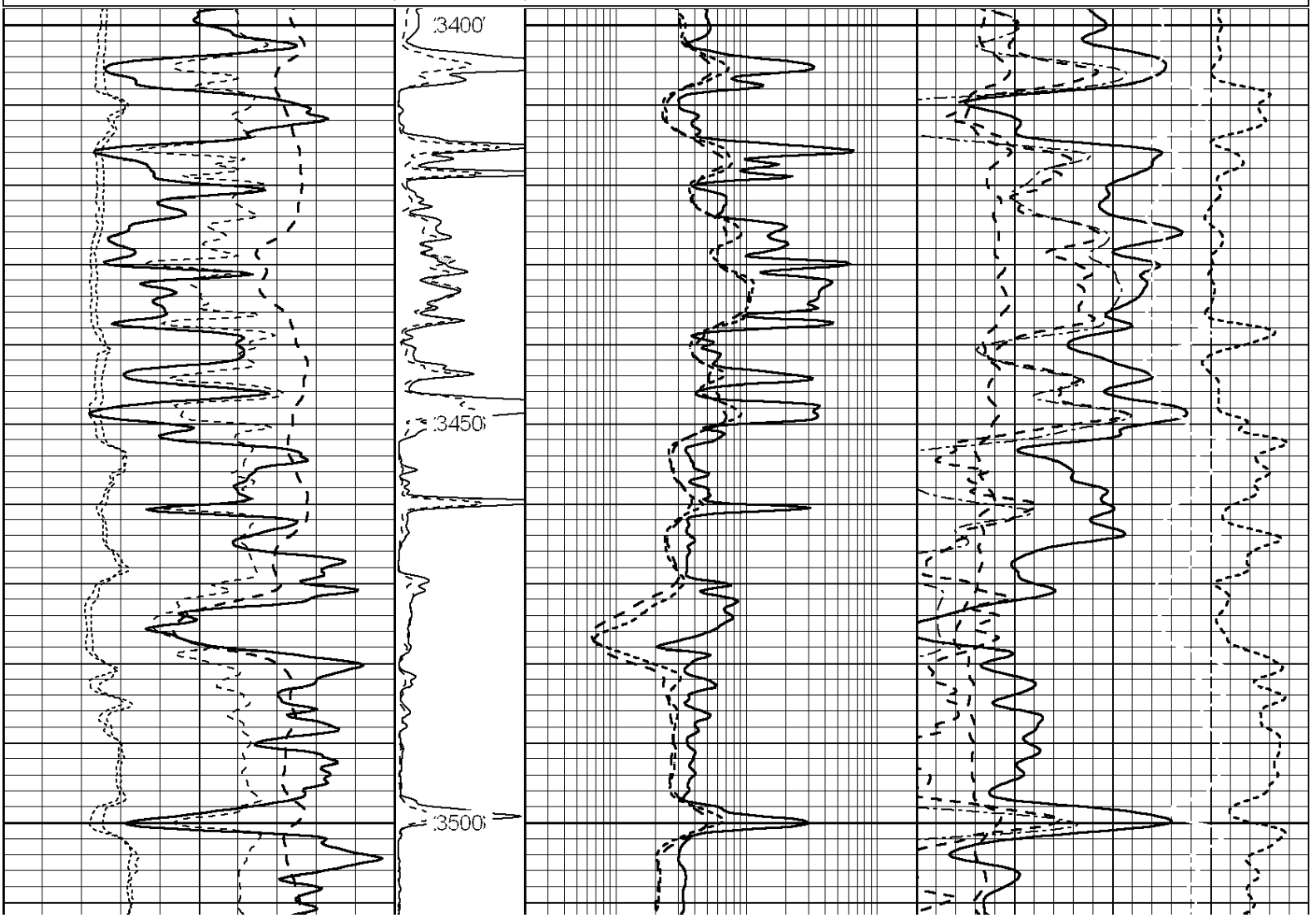
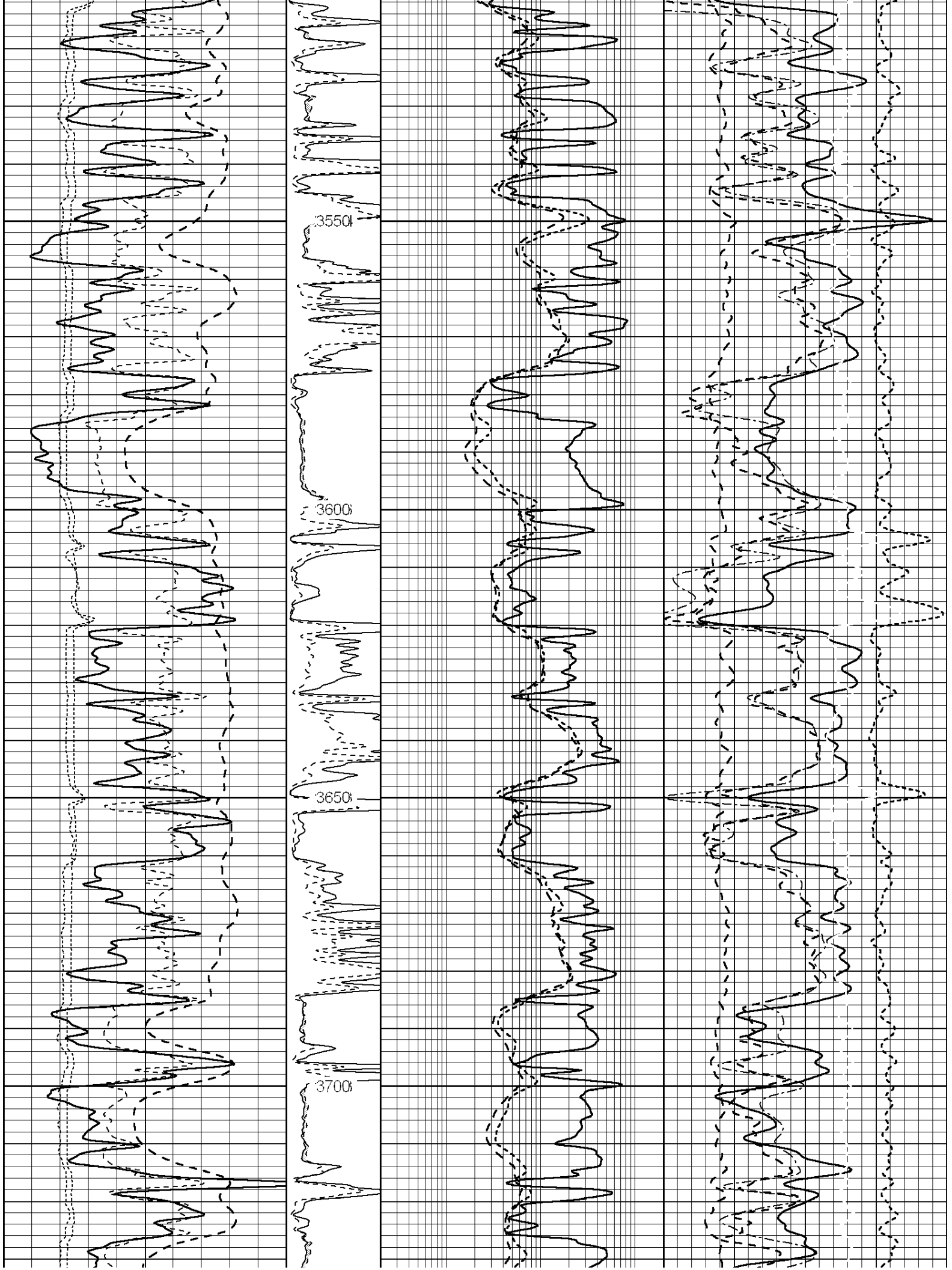


0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50
0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000

Database File: 007076pe.db
Dataset Pathname: passC
Presentation Format: obrcomp
Dataset Creation: Wed May 11 21:24:35 2011
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	MEL15 (Ohm-m) 0 40	0.2 Deep Resistivity (Ohm-m) 200	30 Sonic Porosity (pu) -10
-100	SP (mV)	100		0.2 Medium Resistivity (Ohm-m) 200	30 CN Porosity (pu) -10
-200	RxoRt	100		0.2 Shallow Resistivity (Ohm-m) 200	30 Density Porosity (pu) -10
6	DCAL (in)	16	MEL20 (Ohm-m) 0 40		0 PE 20
6	MELCAL (in)	16	TBHV (ft3)		RHOC -0.25 (g/cc) 0.25
			ABHV (ft3)		

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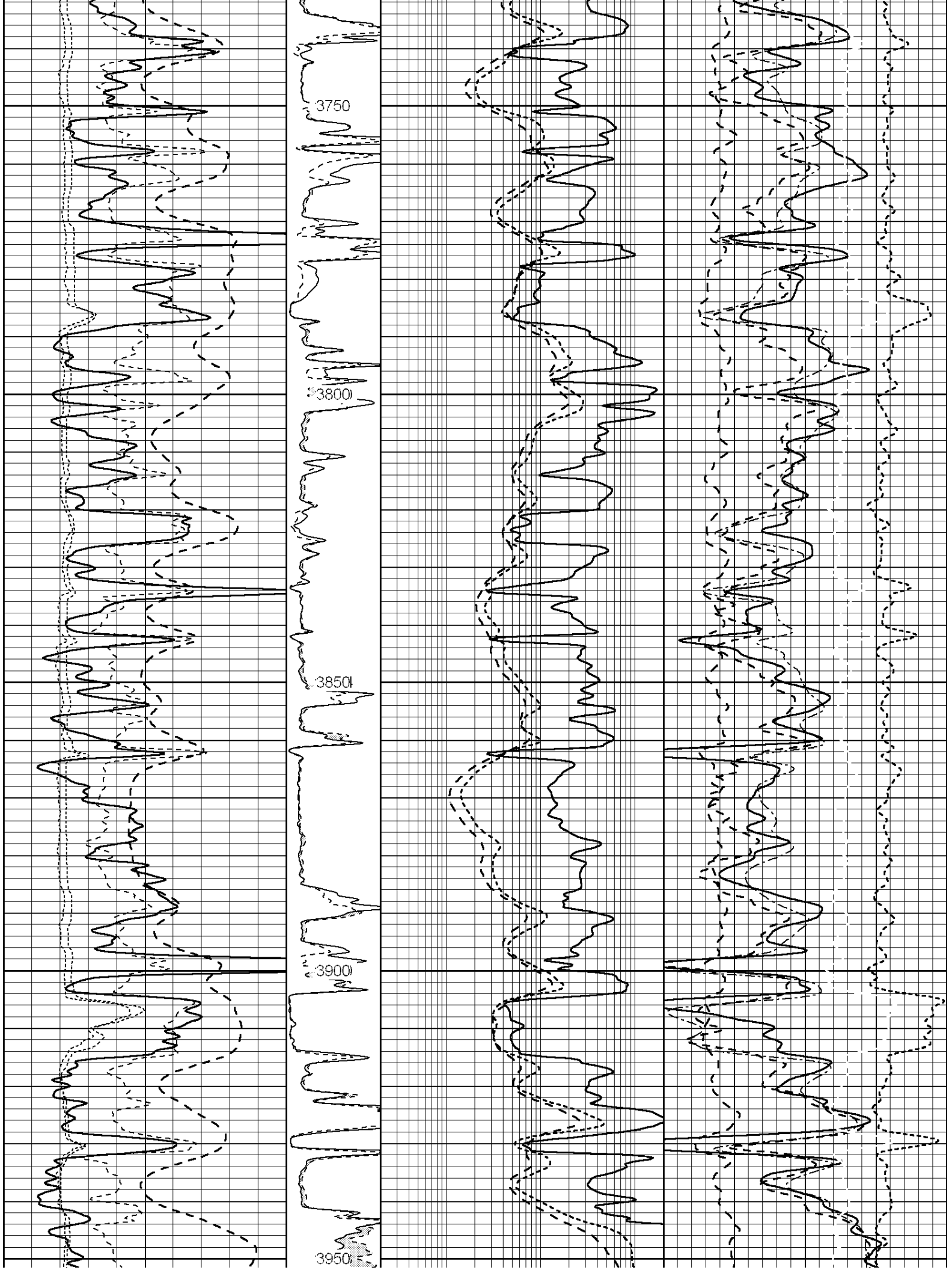
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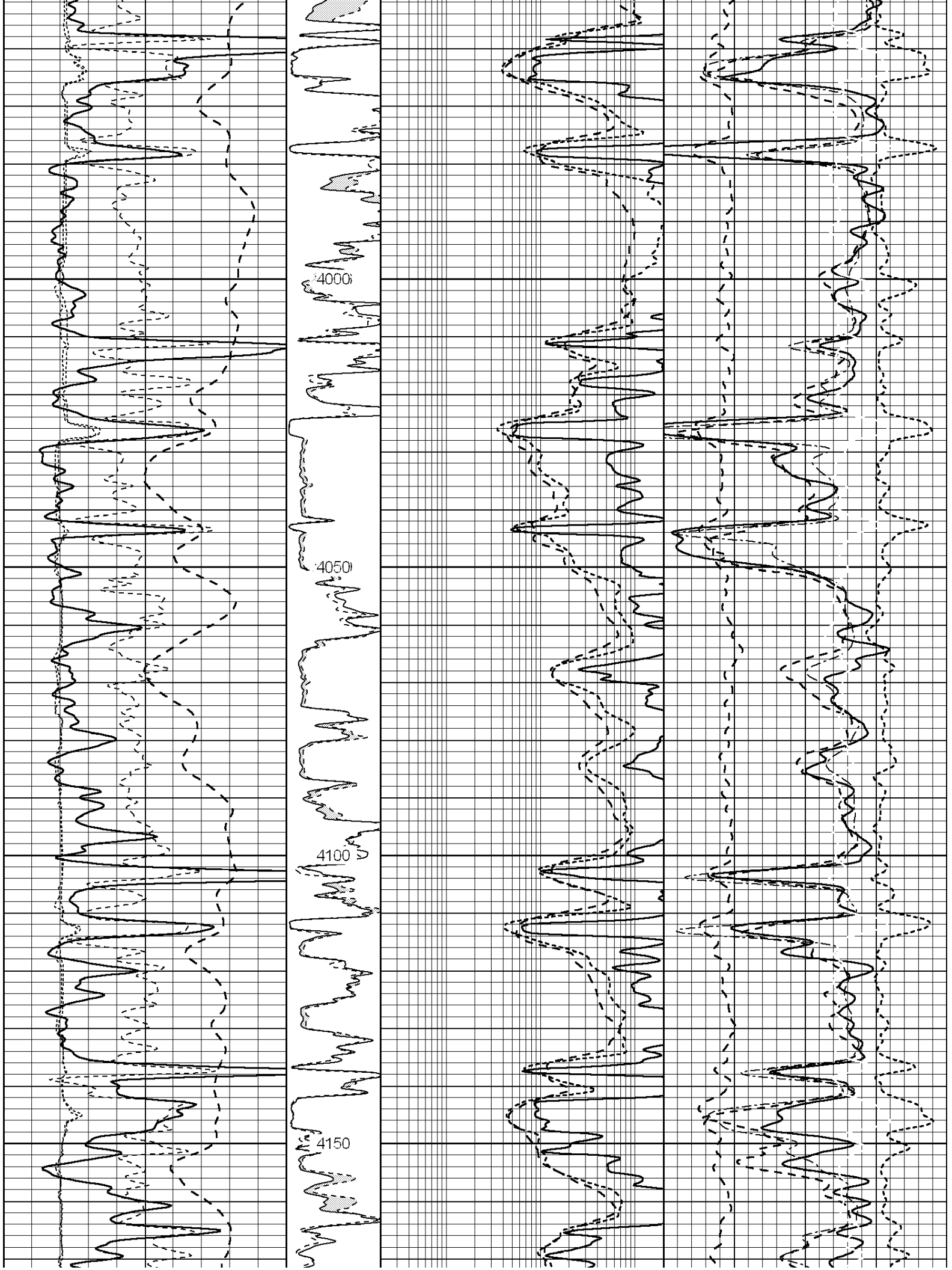
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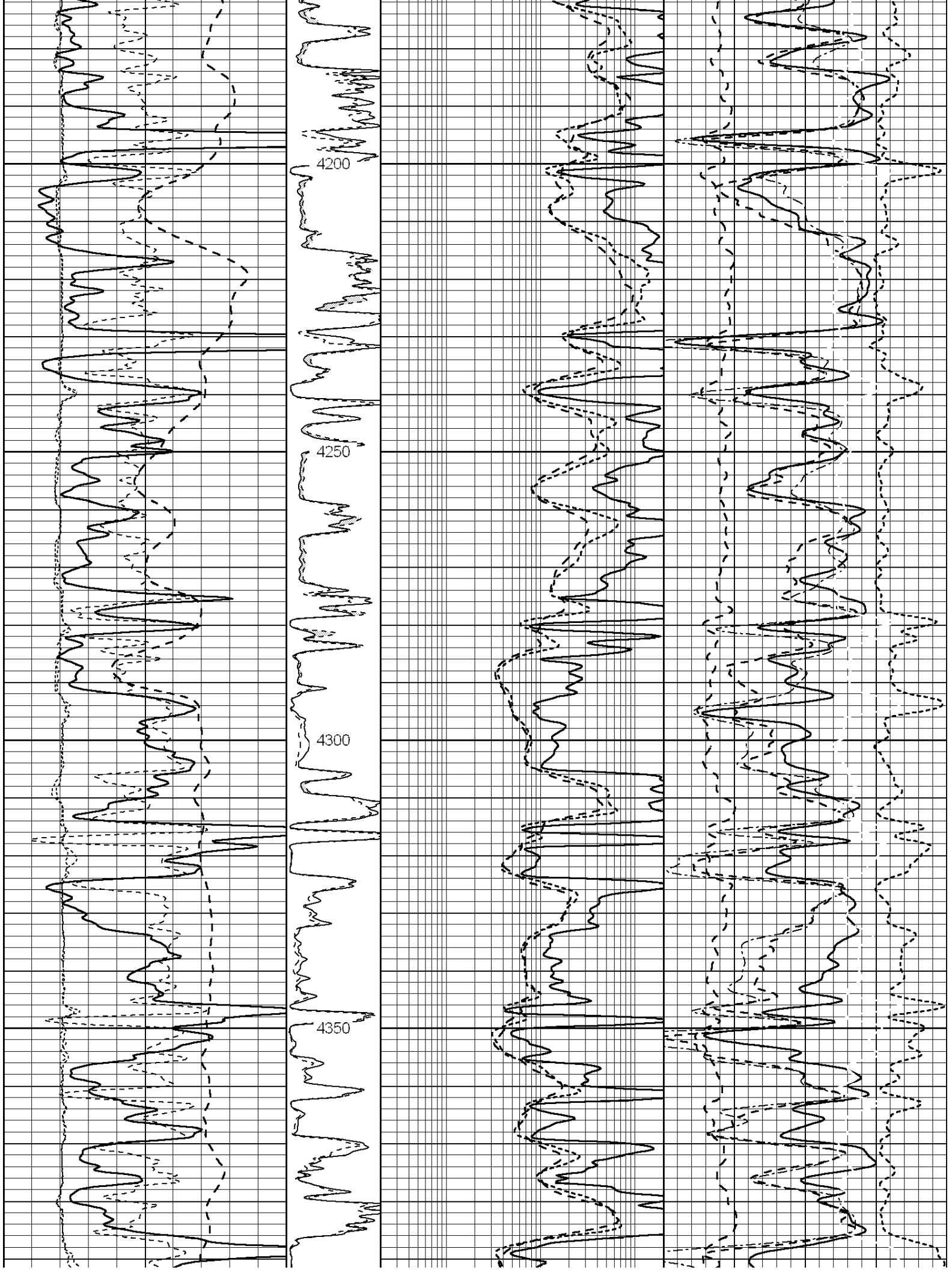
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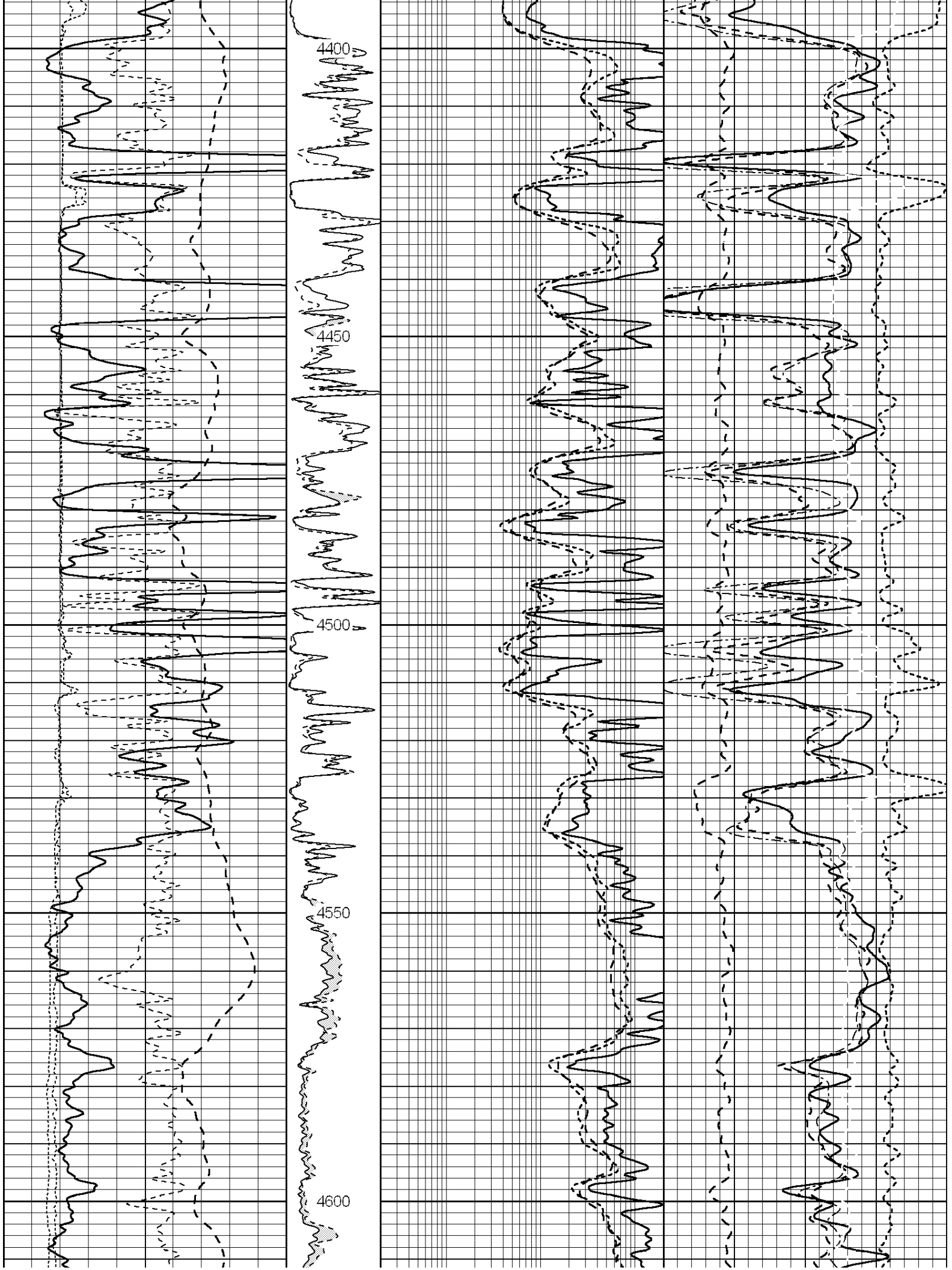
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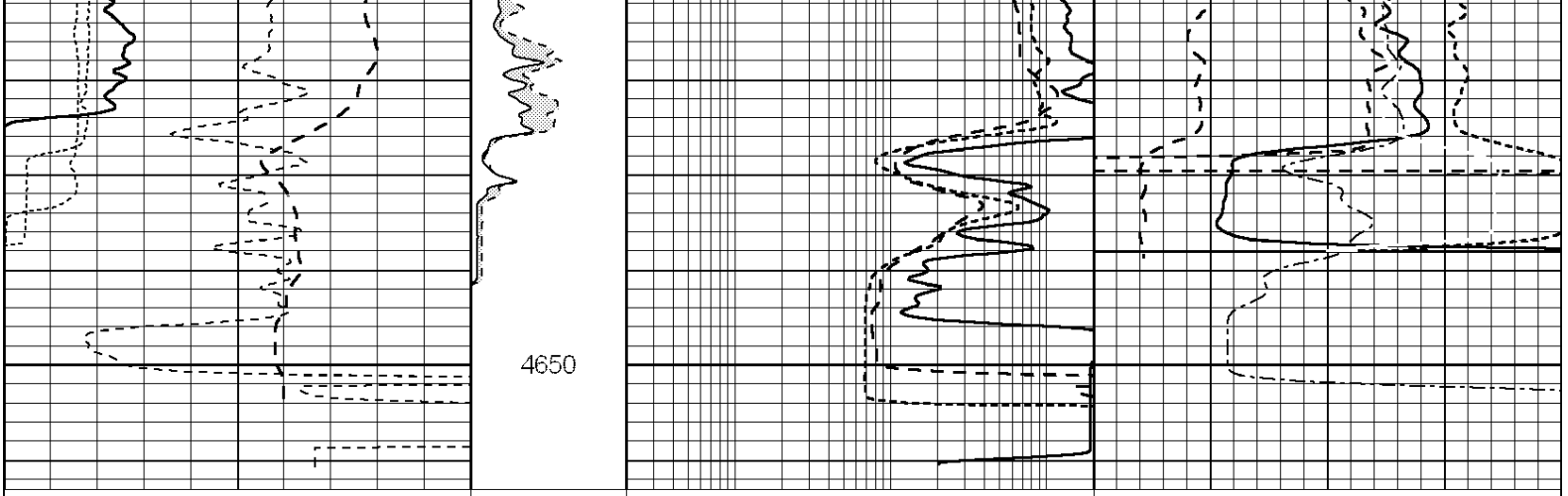

0 Gamma Ray (GAPI) 150	MEL15 (Ohm-m) 0 40	0.2 Deep Resistivity (Ohm-m) 200
-100 SP (mV) 100		0.2 Medium Resistivity (Ohm-m) 200
-200 RxoRt 100		0.2 Shallow Resistivity (Ohm-m) 200
6 DCAL (in) 16	MEL20 (Ohm-m) 0 40	
6 MELCAL (in) 16	TBHV (ft3)	
	ABHV (ft3)	

30 Sonic Porosity (pu) -10	
30 CN Porosity (pu) -10	
30 Density Porosity (pu) -10	
0 PE 20	RHOC -0.25 (g/cc) 0.25