NABORS
COMPLETION & PRODUCTION SERVICES CO.

DUAL INDUCTION LOG

Company RITCHIE EXPLORATION INC.

Well KONDA 11C #1

Field WILDCAT

County FORD State KANSAS

Location: API # : 15-057-20945-00-00

S2 - NW - SW
1700' FSL & 650' FWL

SEC 11 TWP 28S RGE 22W

Other Services
CNL/CDL

Elevation
K.B. 2396
D.F. 2394
G.L. 2383

Permanent Datum GROUND LEVEL Elevation 2383
Log Measured From KELLY BUSHING 13' A.G.L.
Drilling Measured From KELLY BUSHING

Company RITCHIE EXPLORATION INC.
Well KONDA 11C #1
Field WILDCAT
County FORD
State KANSAS

Date	11/1/14		
Run Number	ONE		
Depth Driller	5255		
Depth Logger	5258		
Bottom Logged Interval	5256		
Top Log Interval	00		
Casing Driller	8 5/8 @ 397'		
Casing Logger	400'		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.1/74	CHLORIDES 12,200 PPM	
pH / Fluid Loss	9.5/11.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.50 @ 85F		
Rmf @ Meas. Temp	0.38 @ 85F		
Rmc @ Meas. Temp	0.60 @ 85F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	0.33 @ 127F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	127F		
Equipment Number	3802		
Location	HAYS, KS.		
Recorded By	IAN MABB		
Witnessed By	MAX LOVELY		

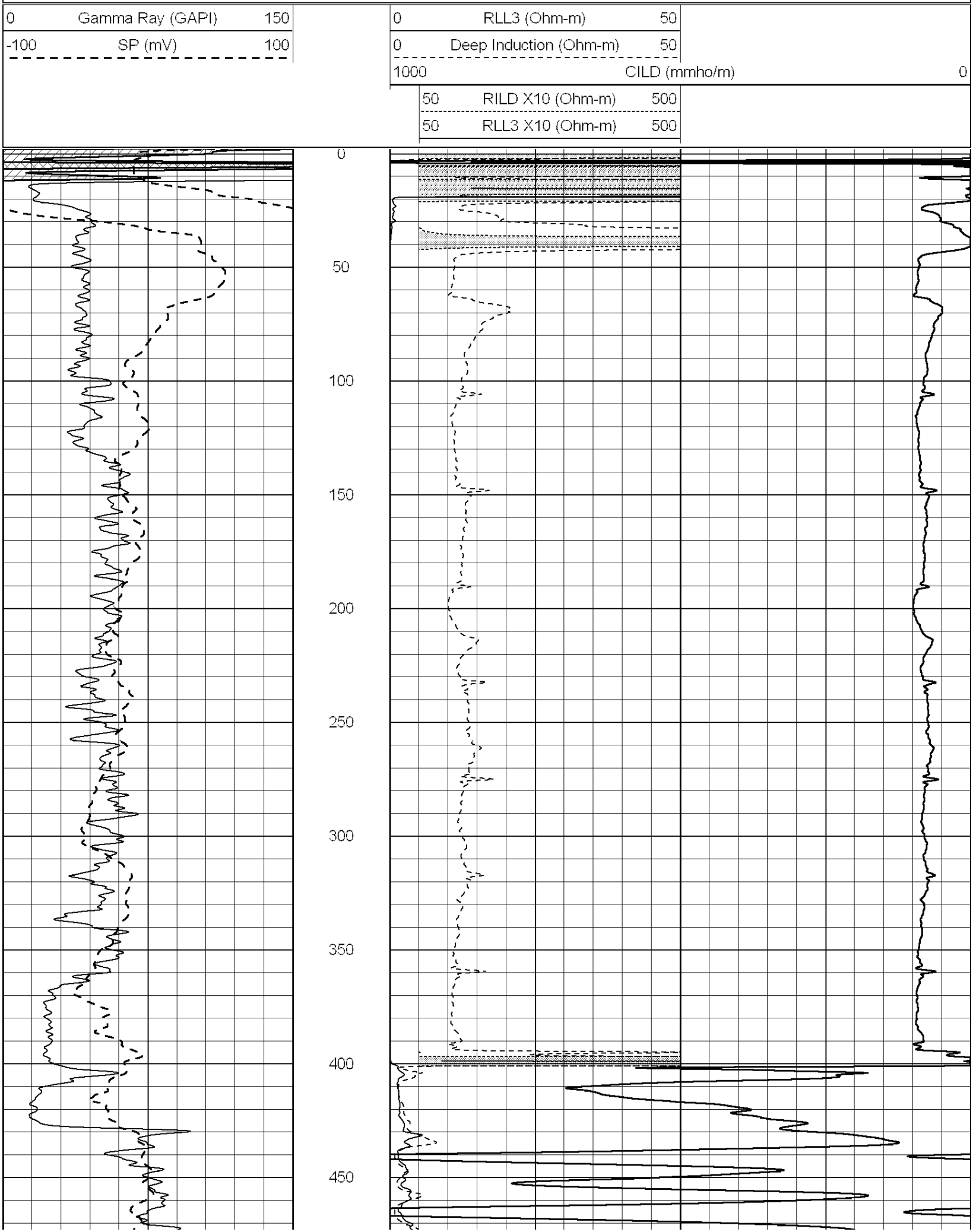
<<< Fold Here >>>

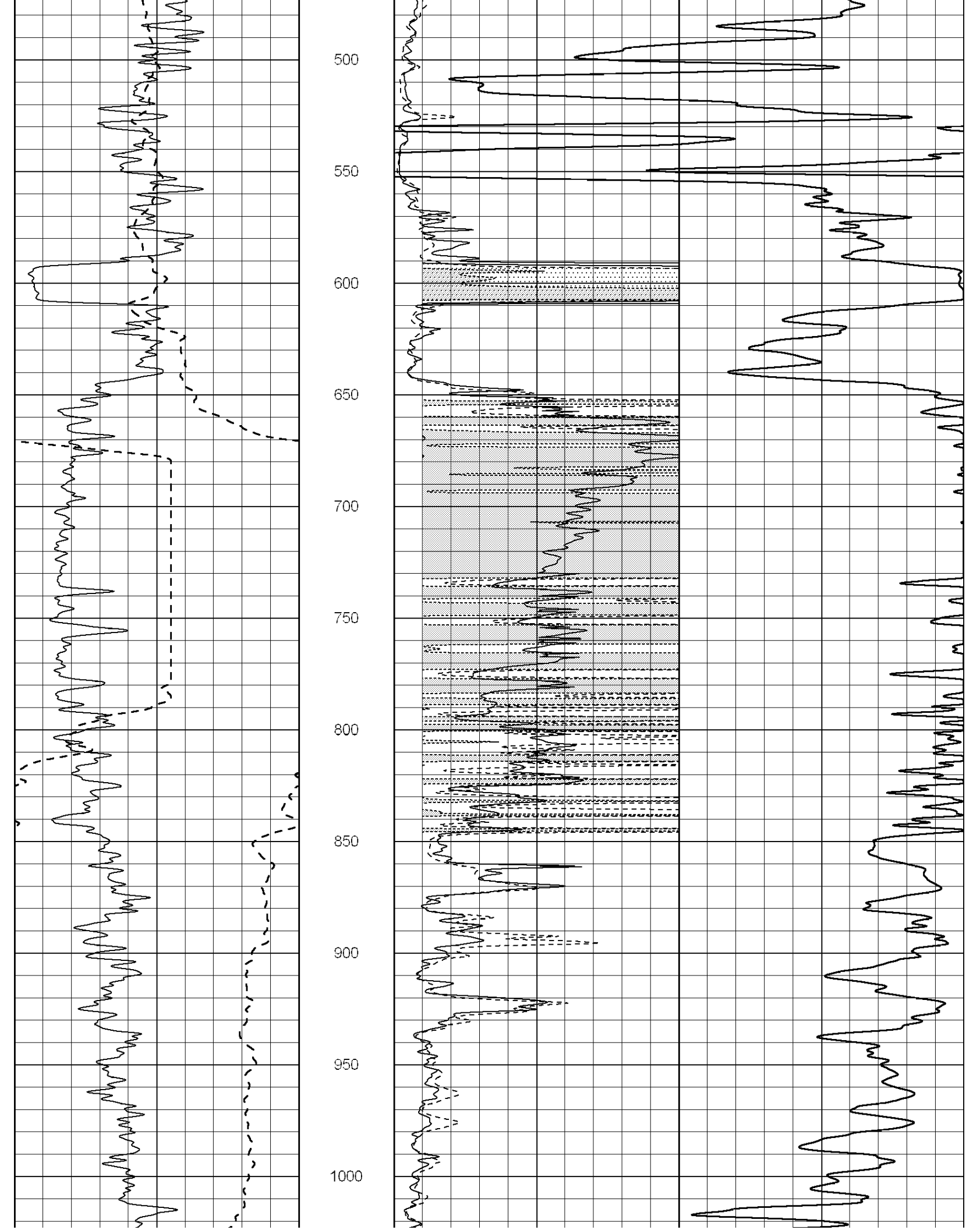
Comments

NABORS COMPLETION & PRODUCTION SERVICES CO.
785 (628 - 6395)
THANK YOU FOR YOUR BUSINESS
DIRECTIONS : FORD, KS. - FROM 6TH ST. - EAST 3 MILES - SOUTH 1 1/4 MILE - EAST INTO

Database File: 26250ddn.db
Dataset Pathname: pass3.3
Presentation Format: _dil2
Dataset Creation: Sat Nov 01 08:48:11 2014 by Calc Open-Cased 090629

Charted by: Depth in Feet scaled 1:600

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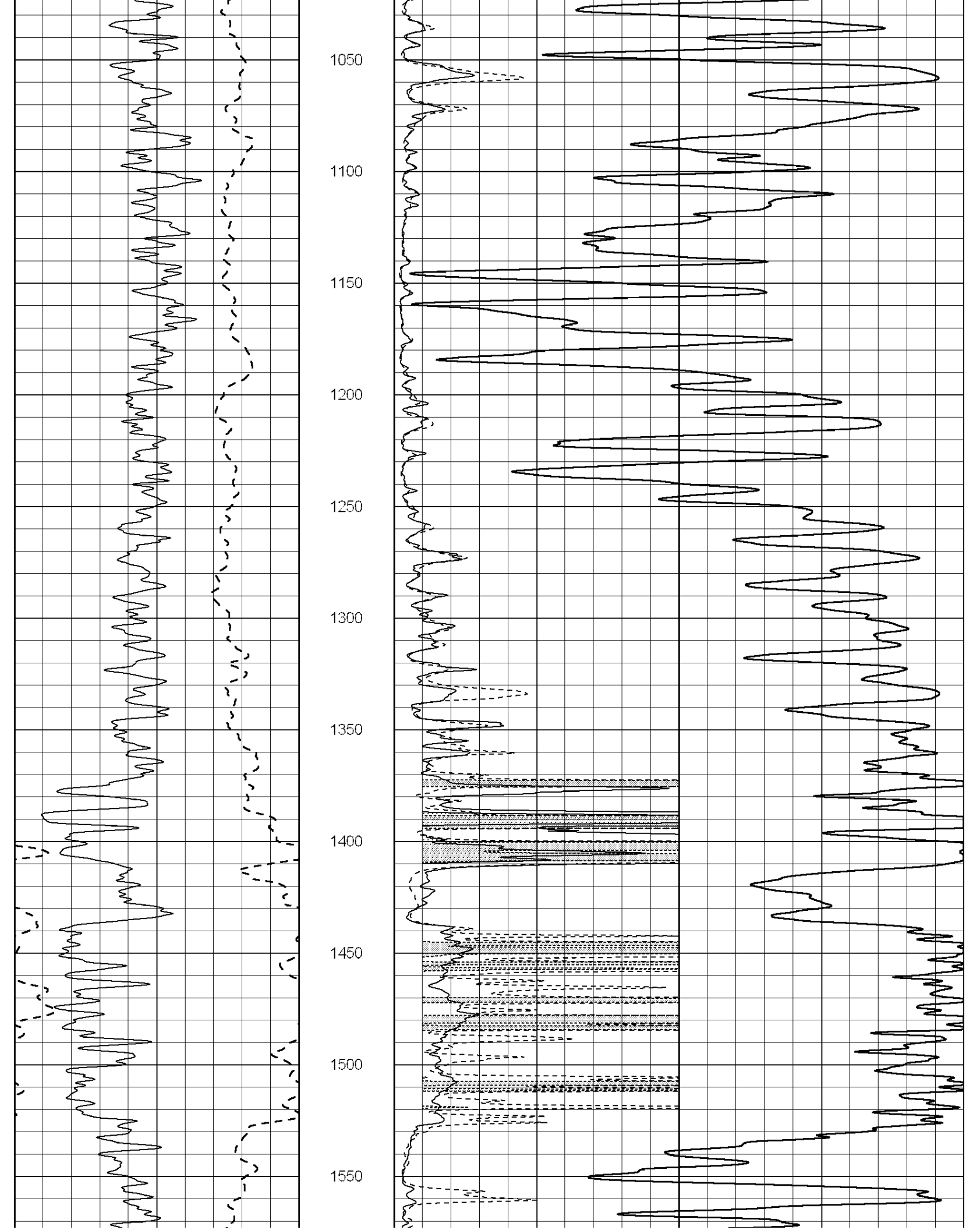
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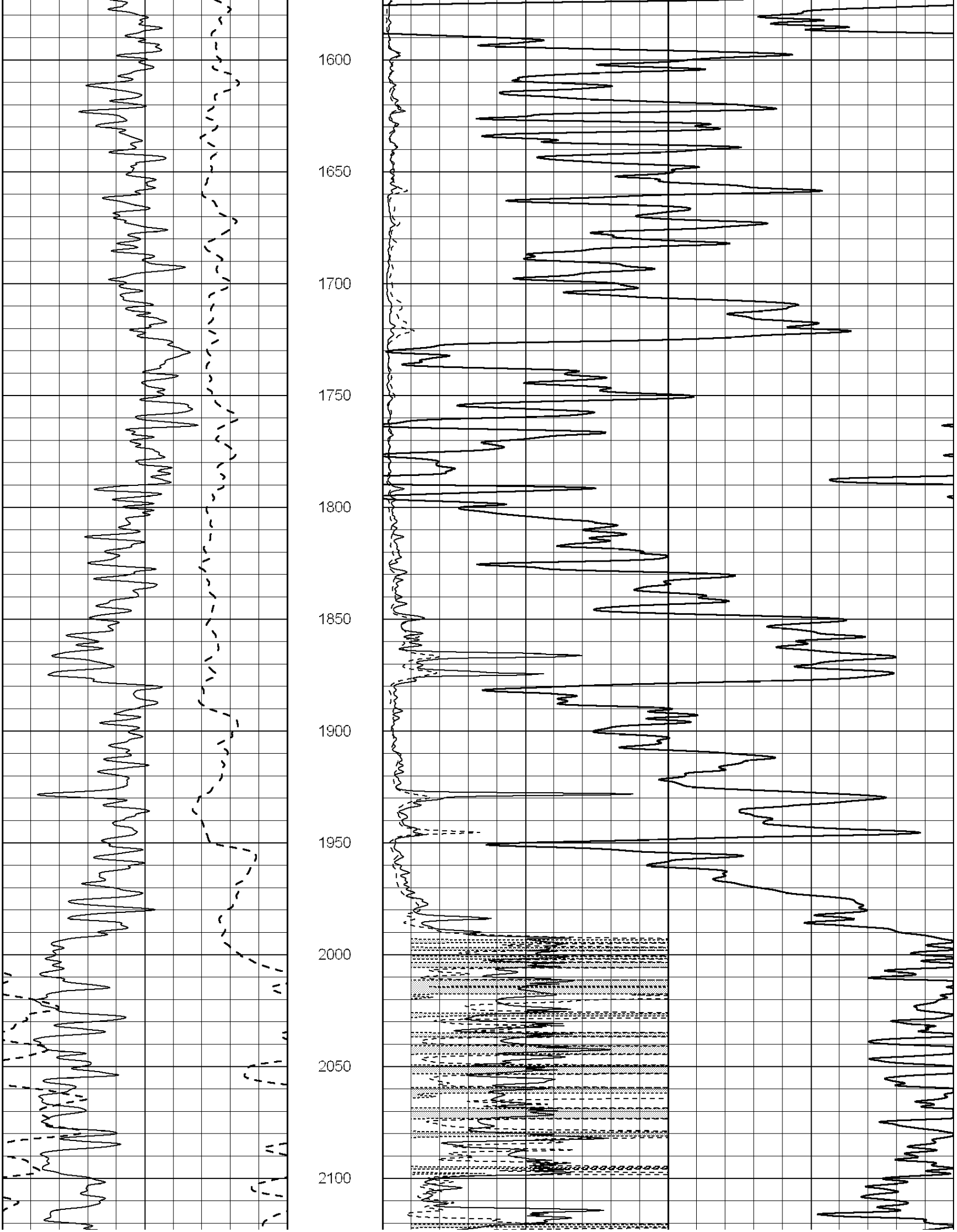
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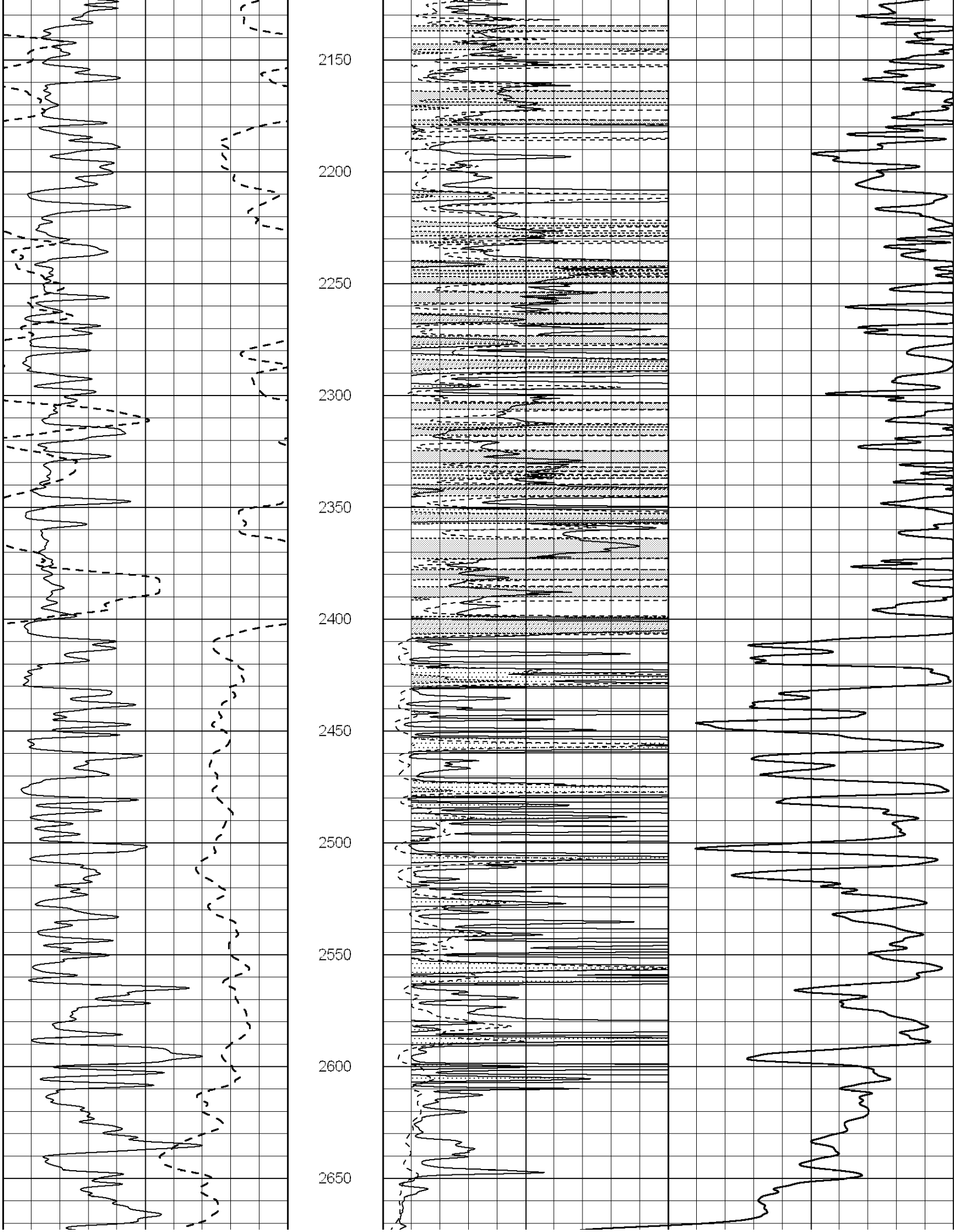
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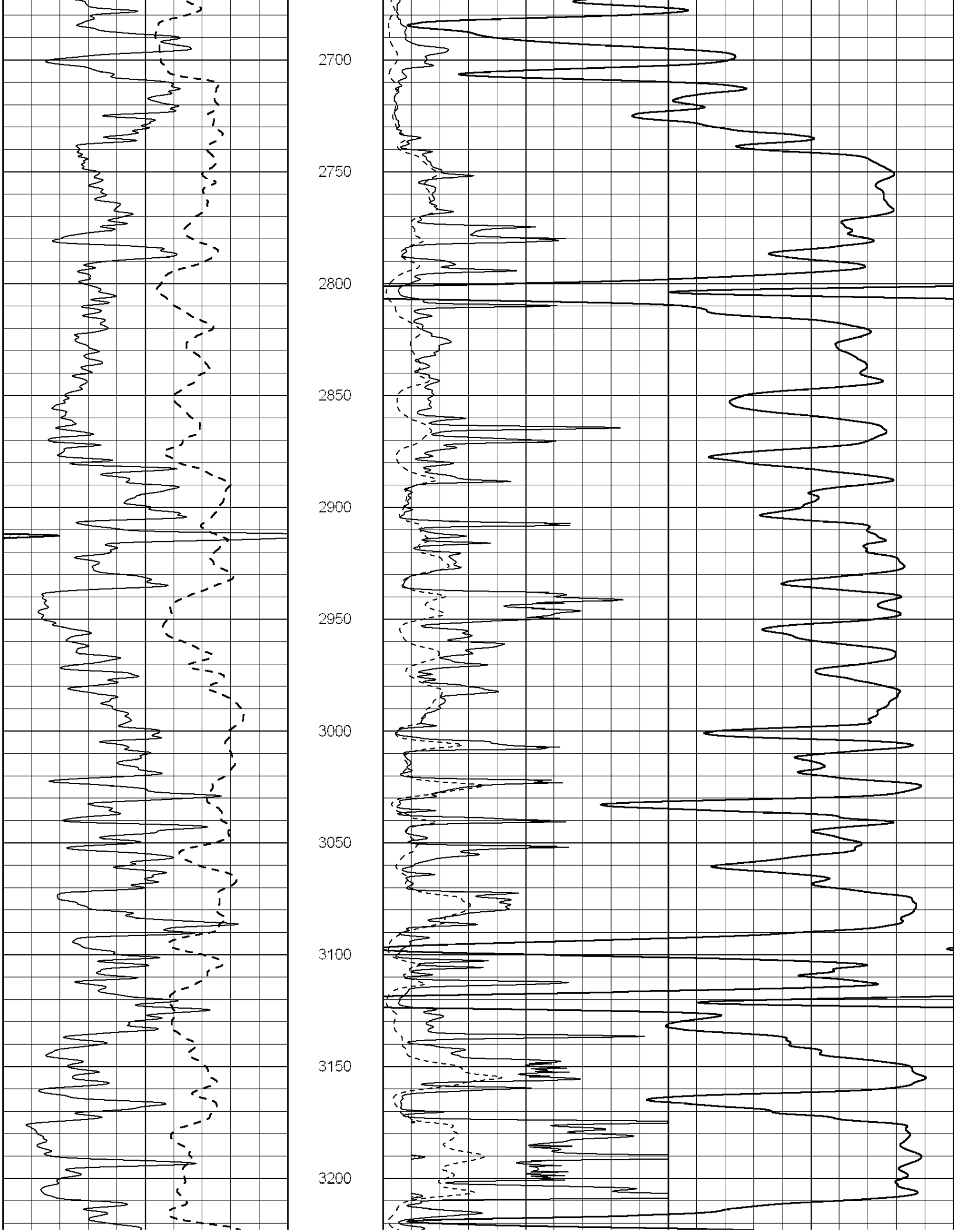
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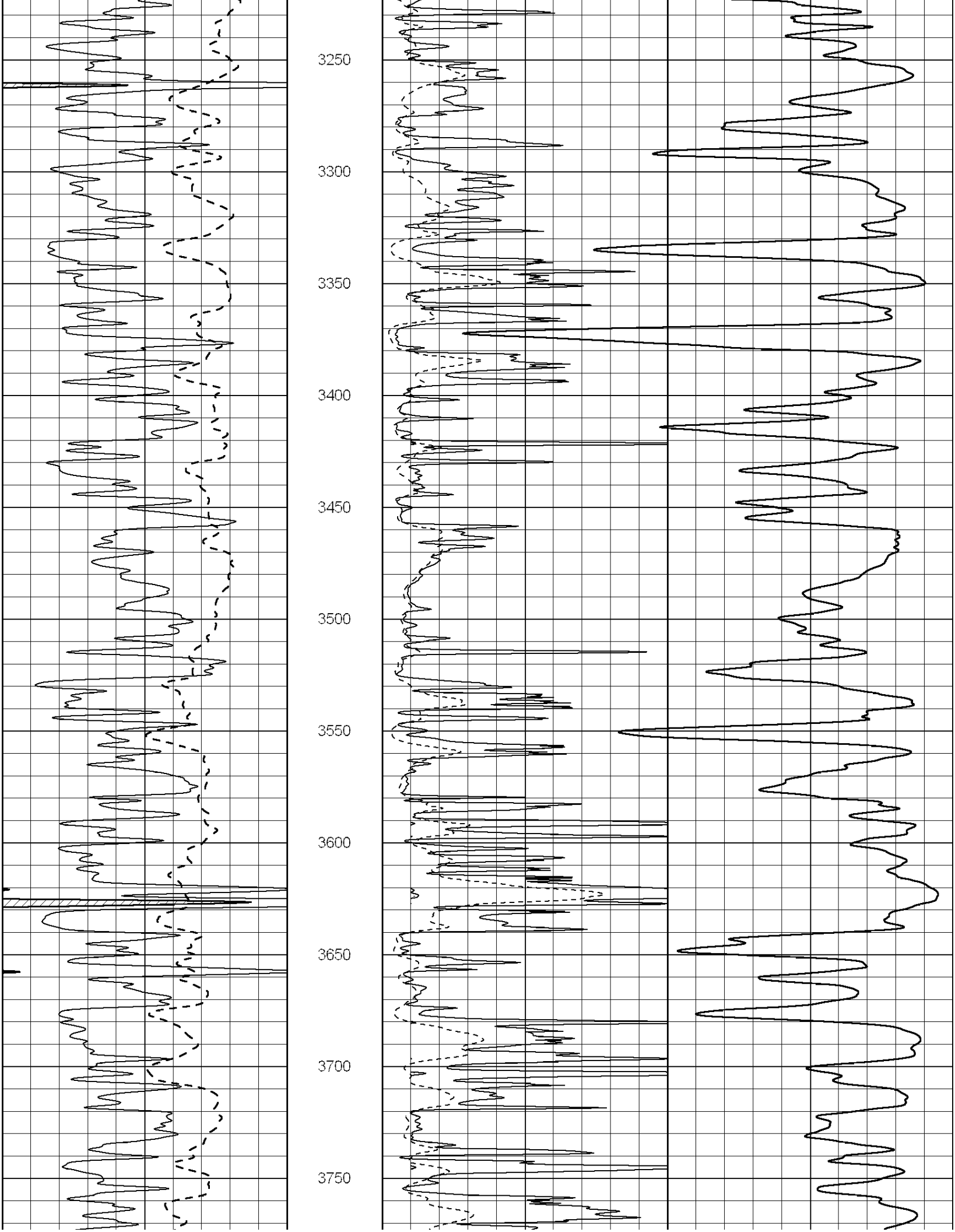
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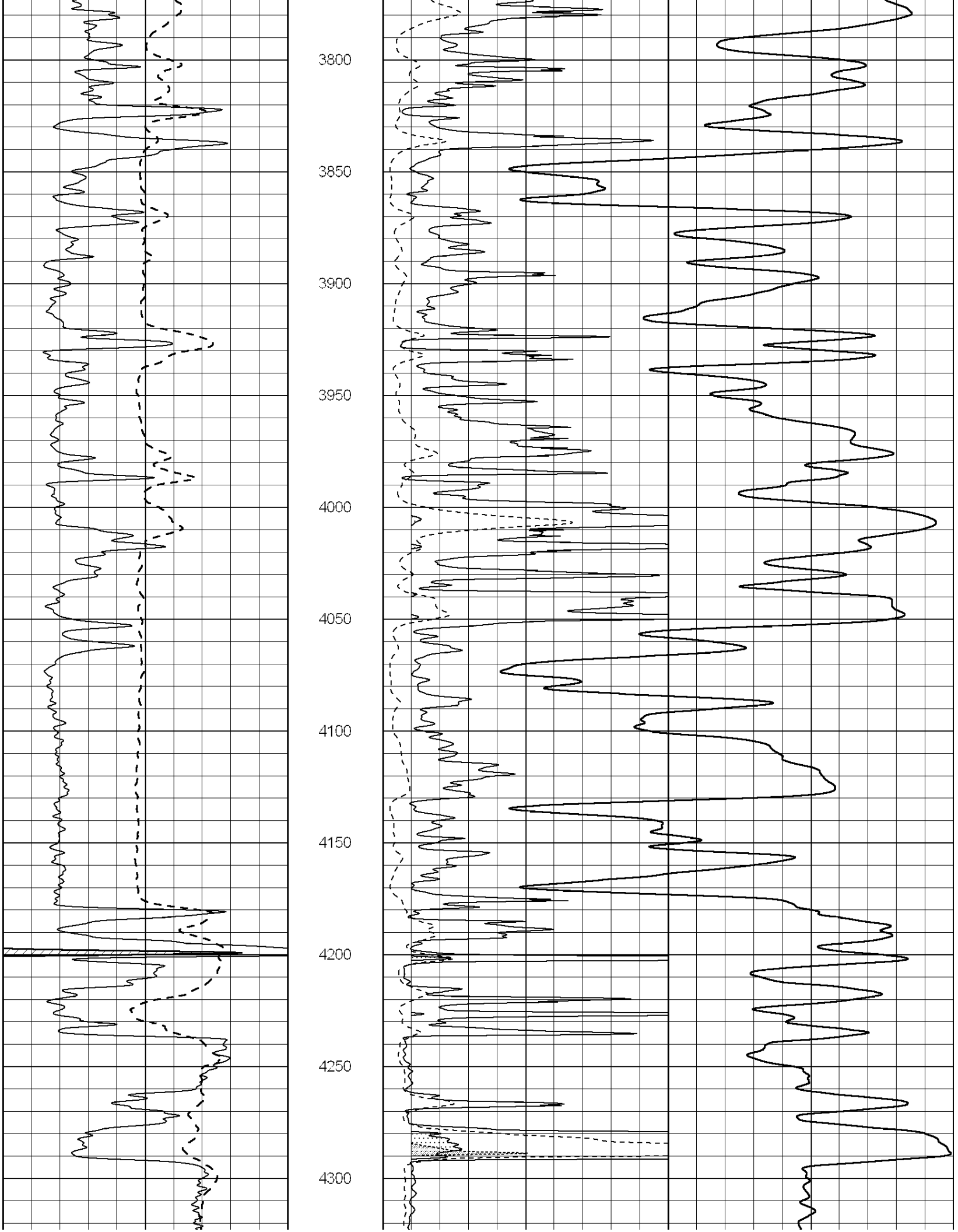
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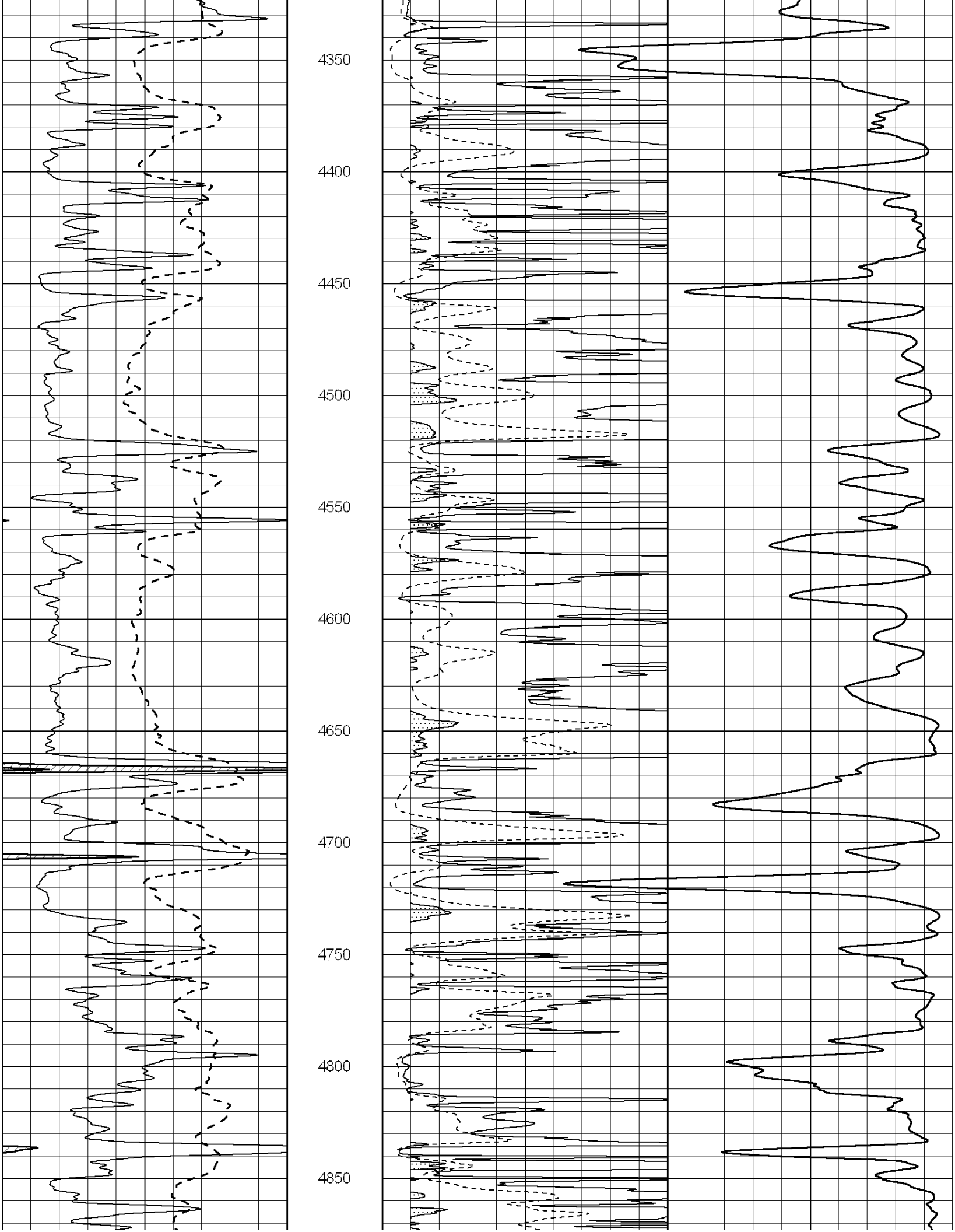
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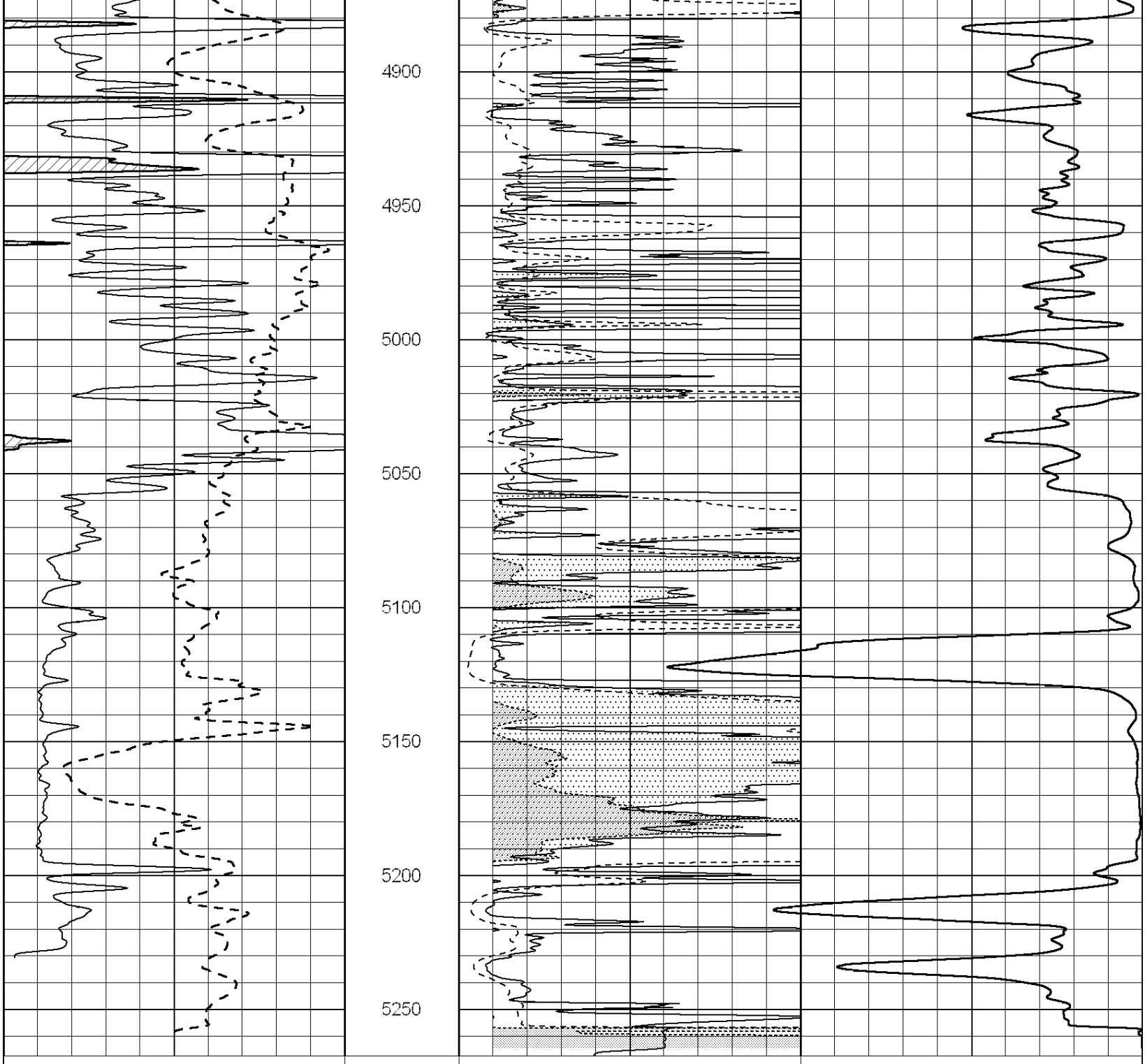
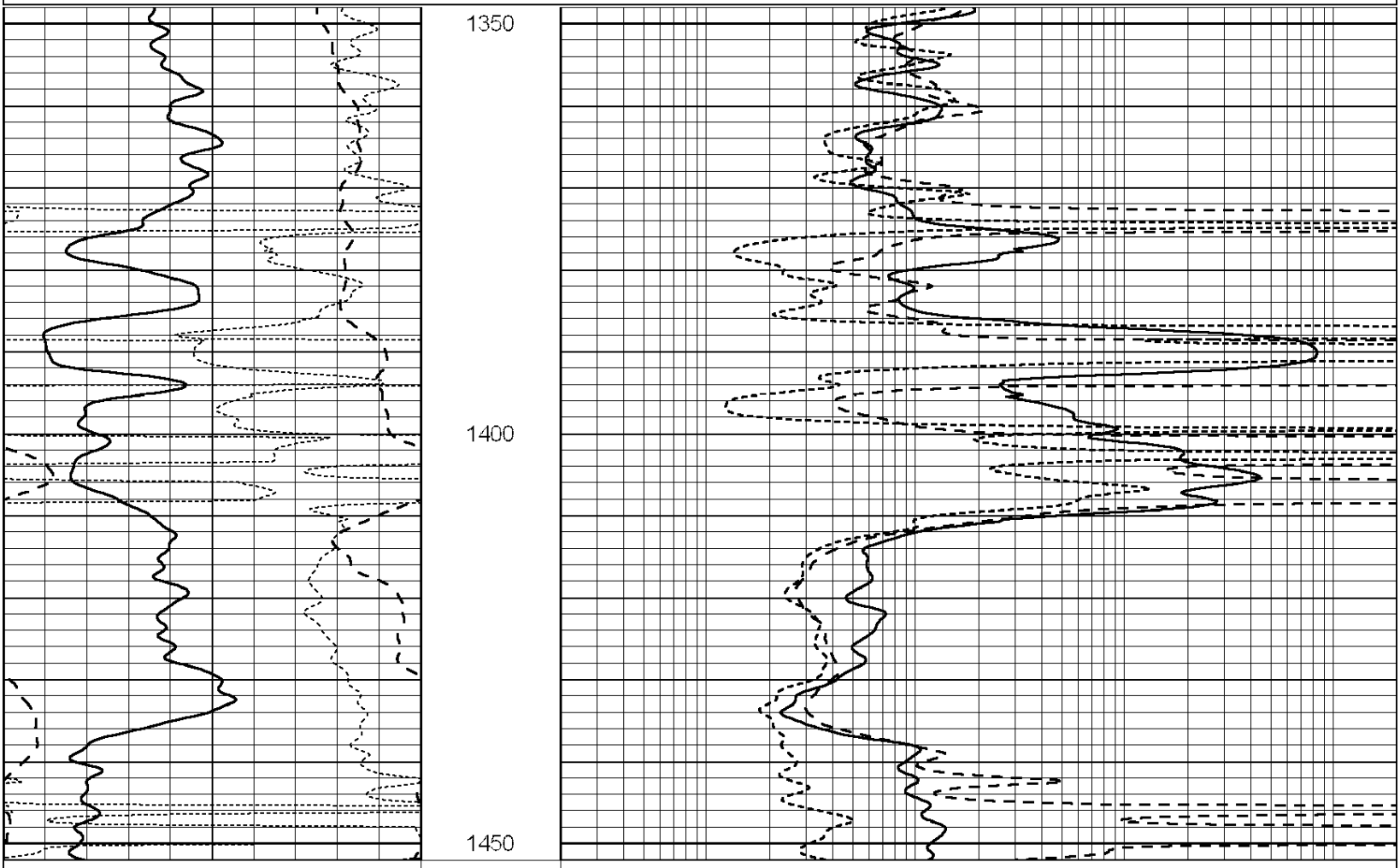


Database File:	26250ddn.db
Dataset Pathname:	pass3.3
Presentation Format:	_dil
Dataset Creation:	Sat Nov 01 08:48:11 2014 by Calc Open-Cased 090629
Charted by:	Depth in Feet scaled 1:240

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



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: 26250ddn.db
Dataset Pathname: pass3.2
Presentation Format: _dil
Dataset Creation: Sat Nov 01 08:11:08 2014 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

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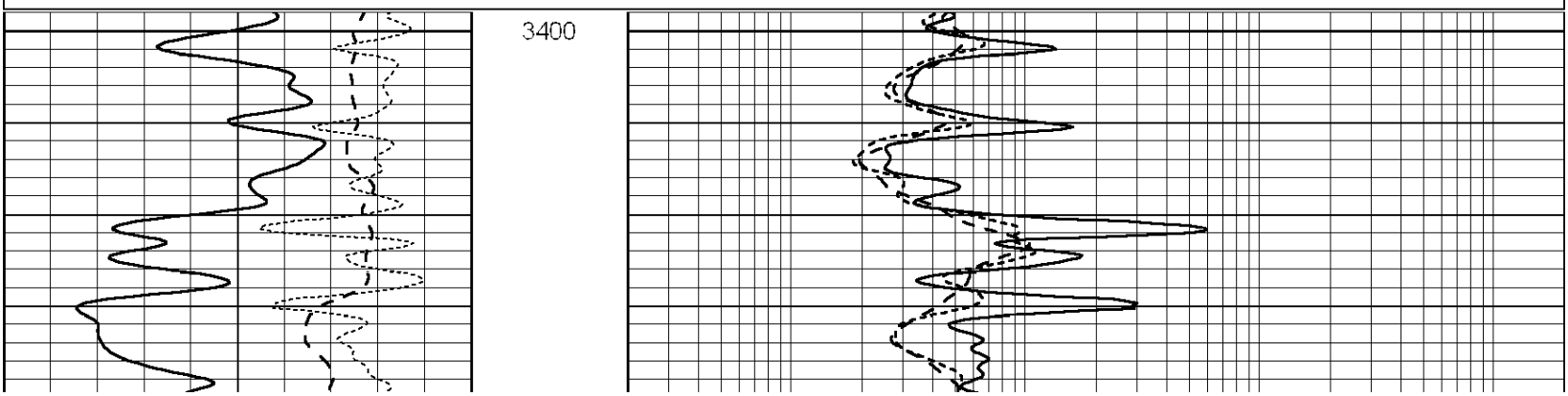
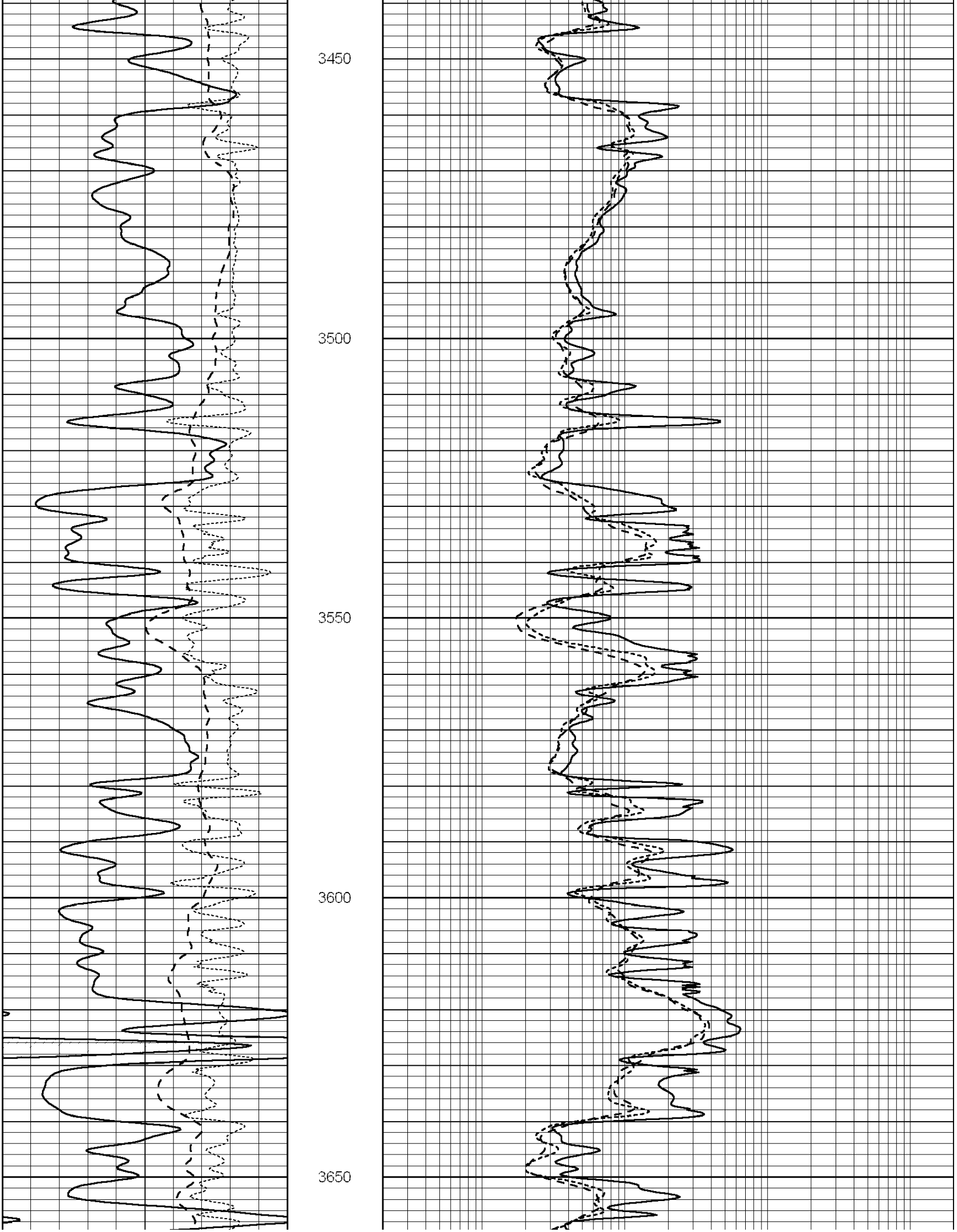
-100	SP (mV)	100
-250	Rxo/Rt	50

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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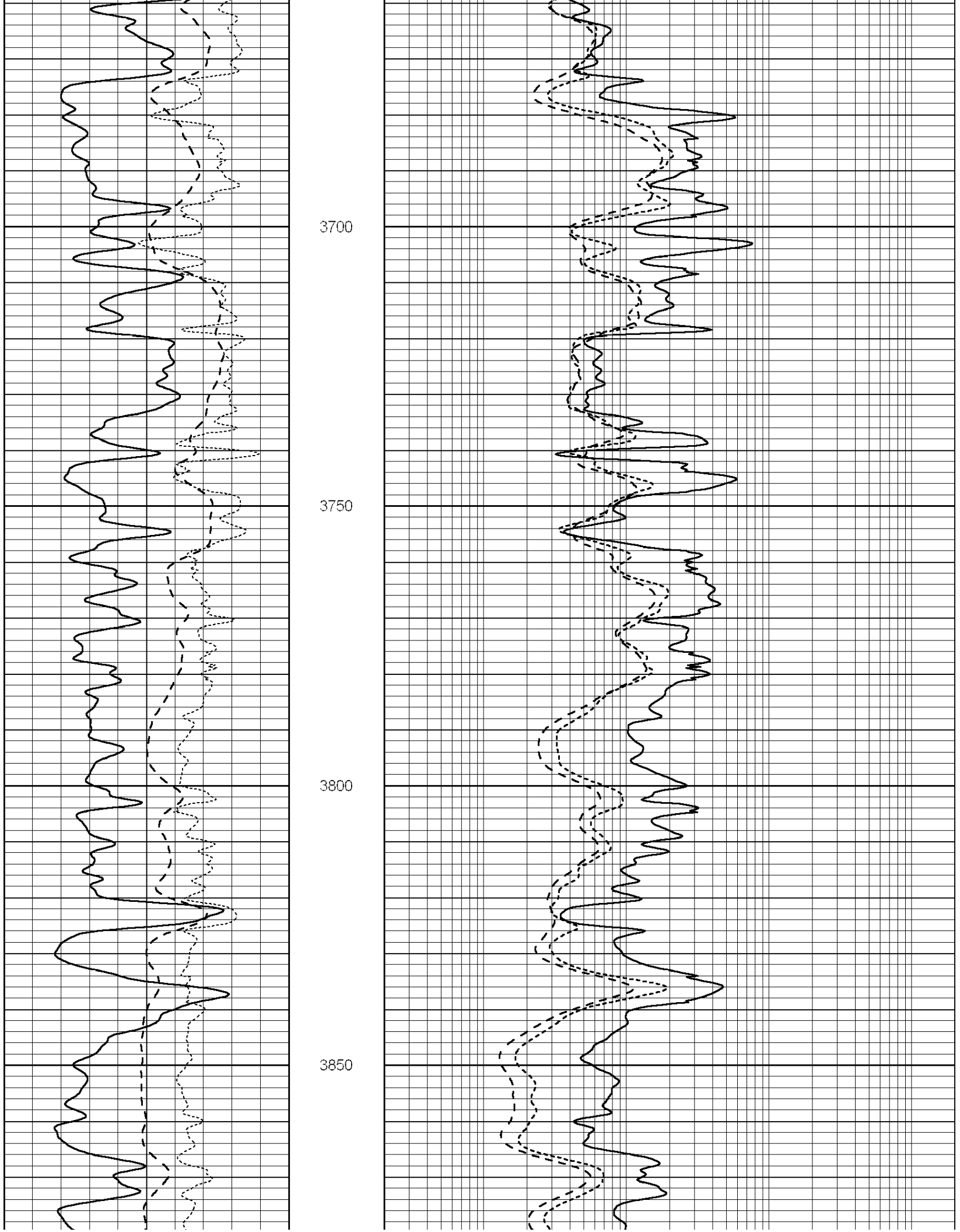
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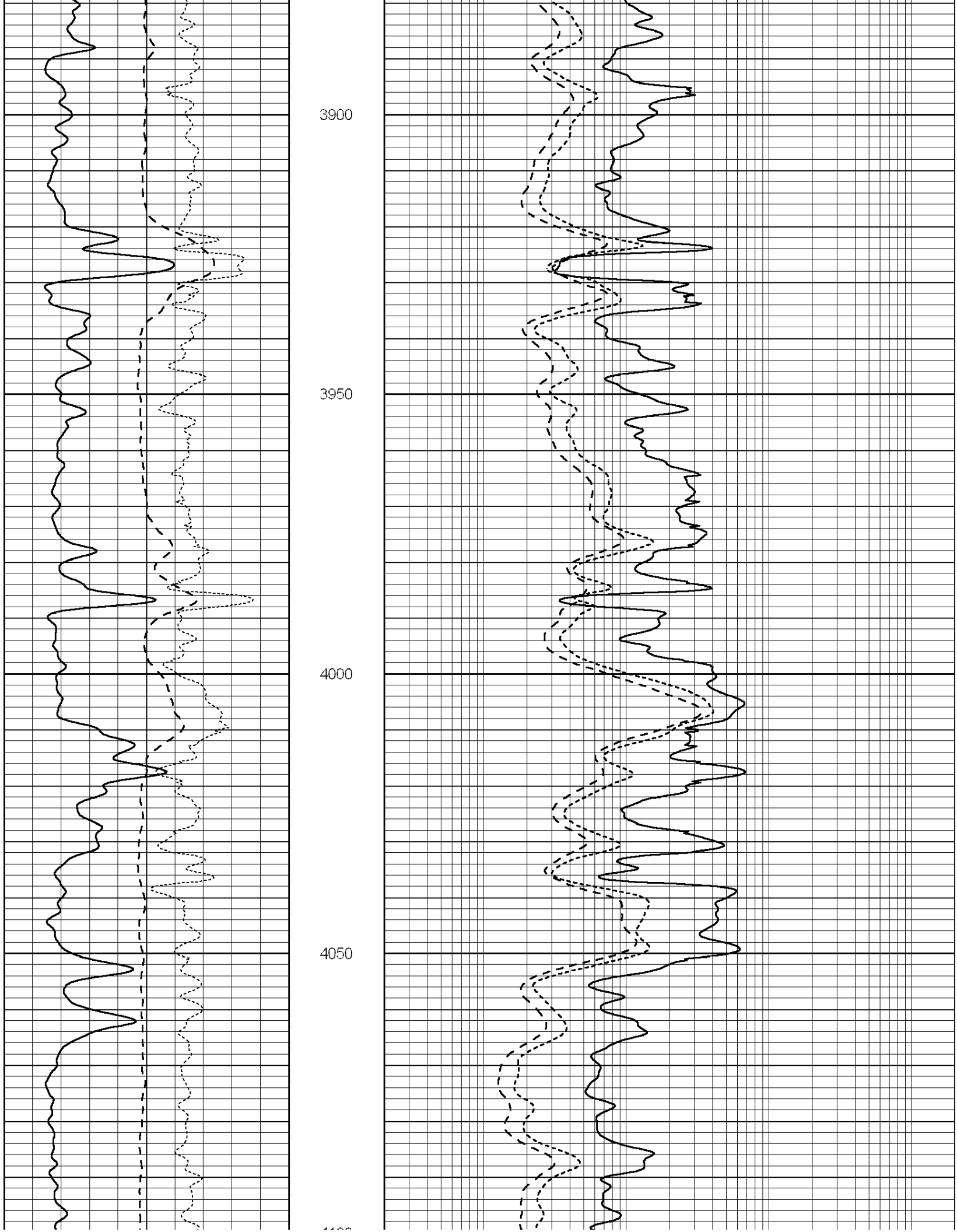
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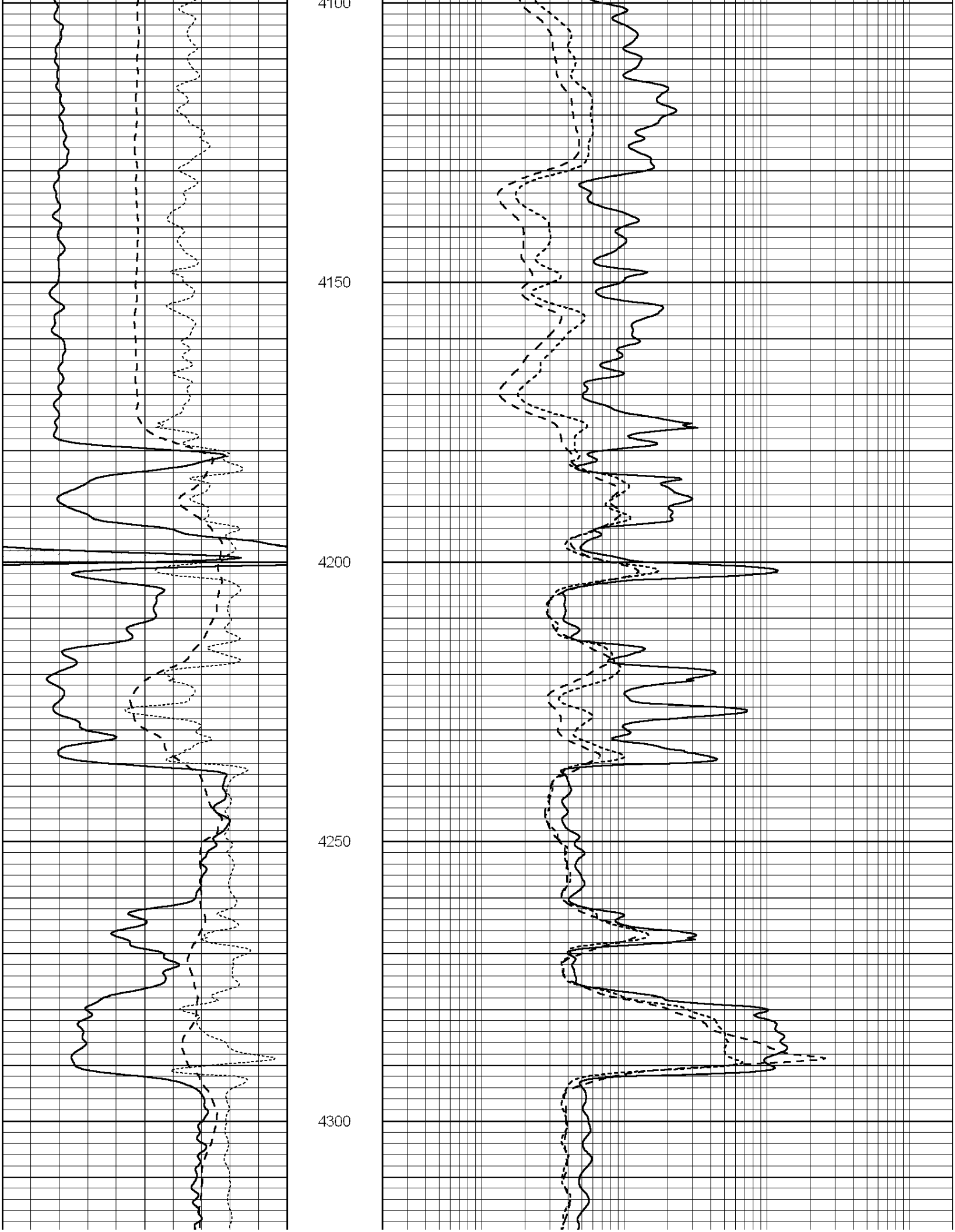
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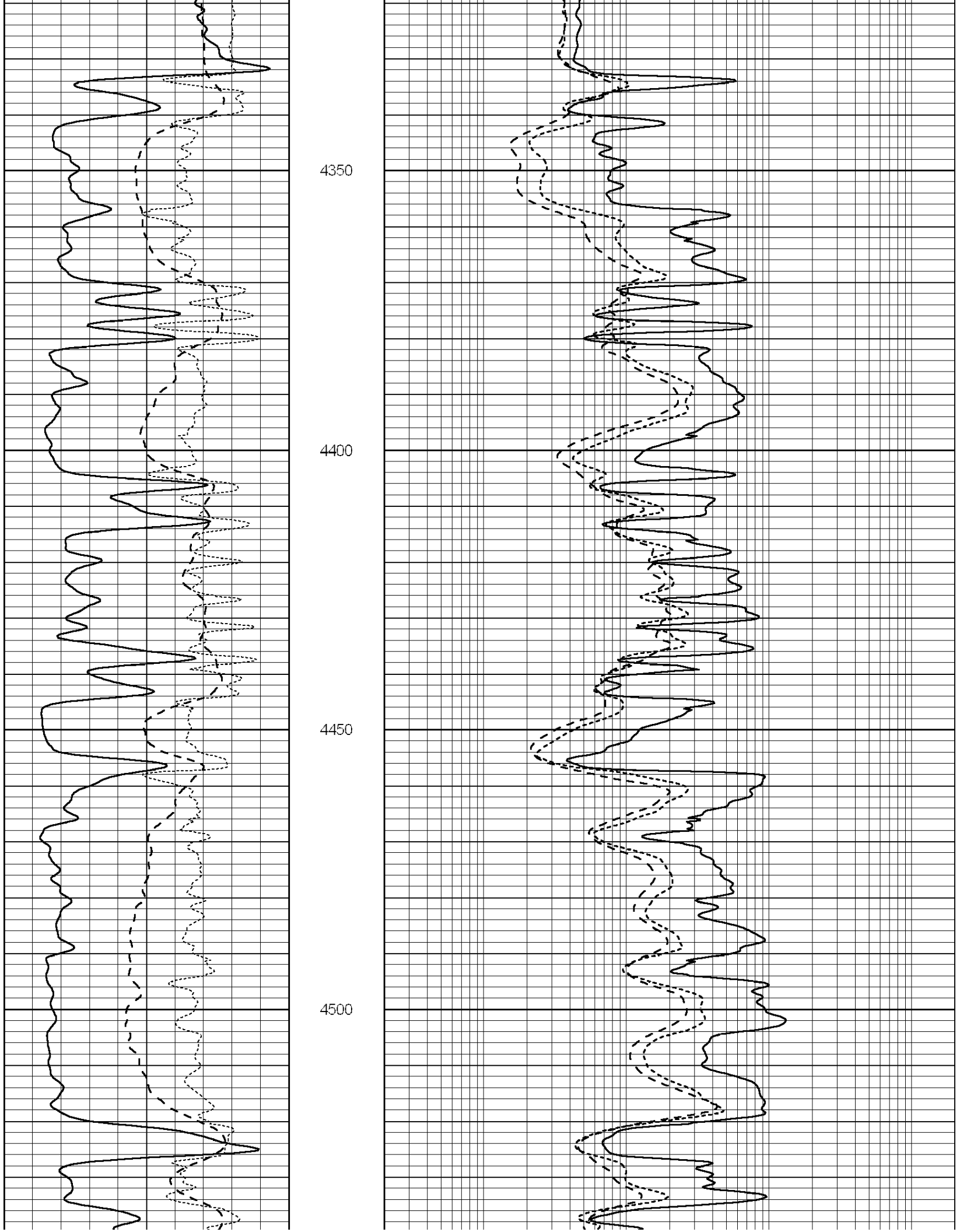
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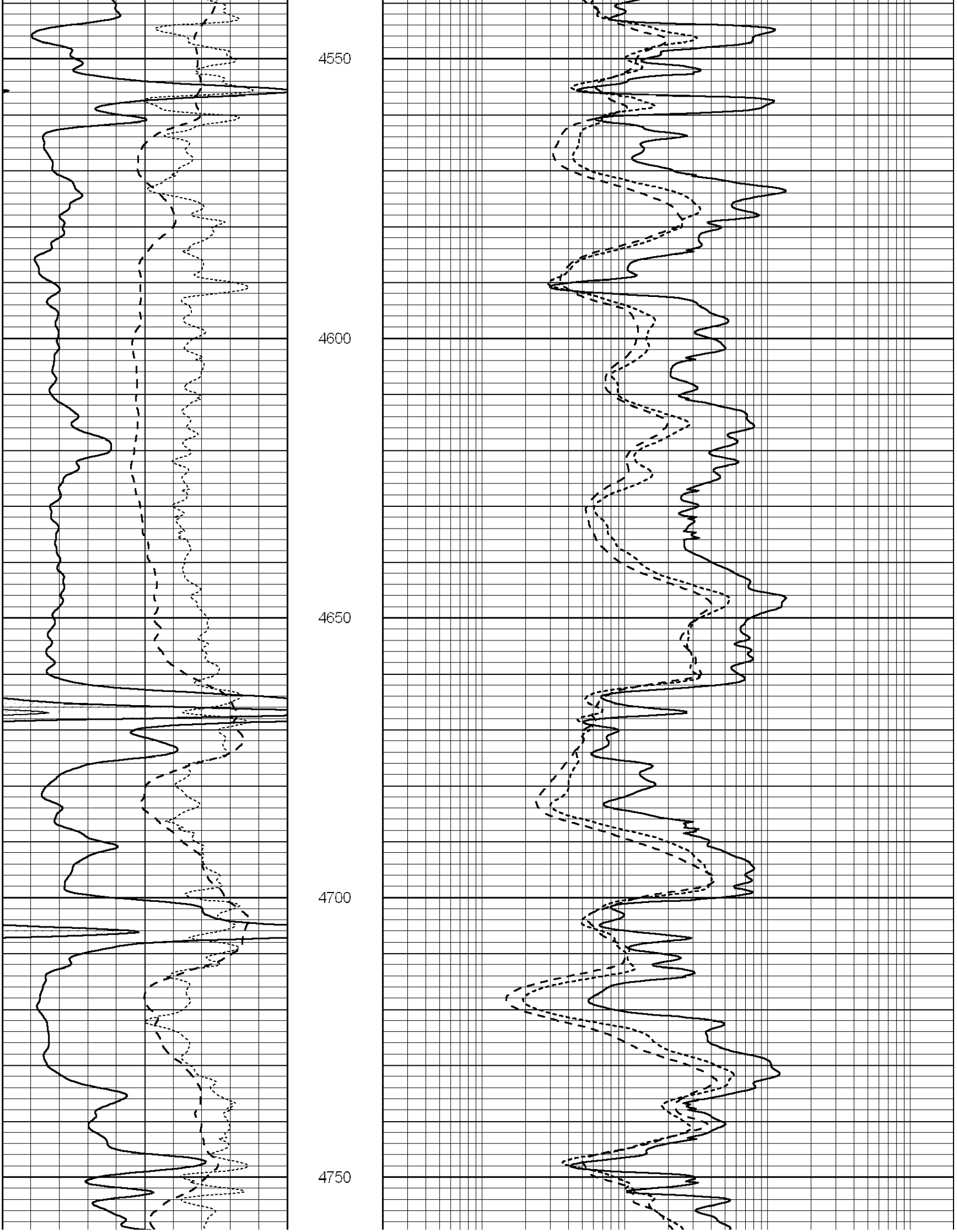
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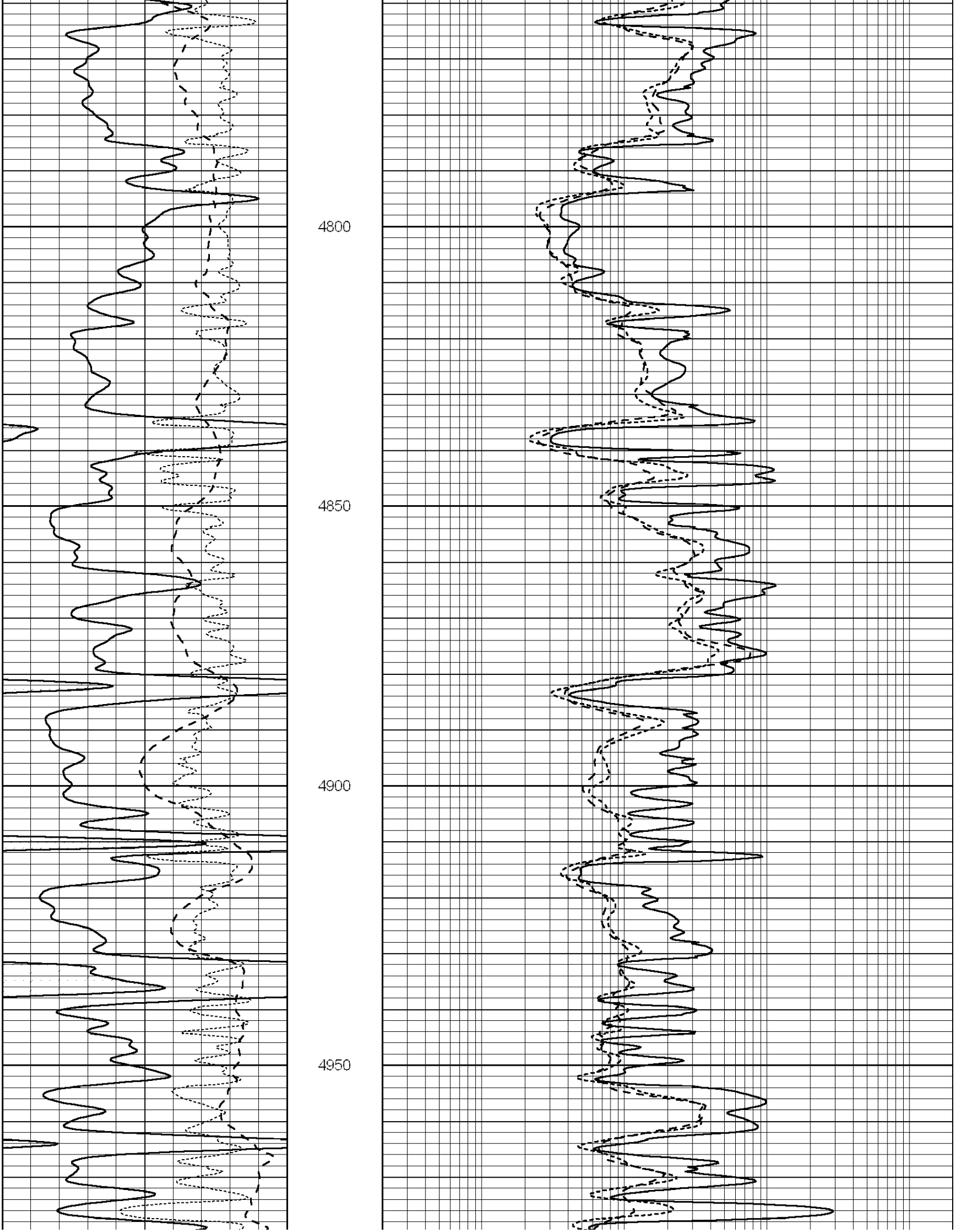
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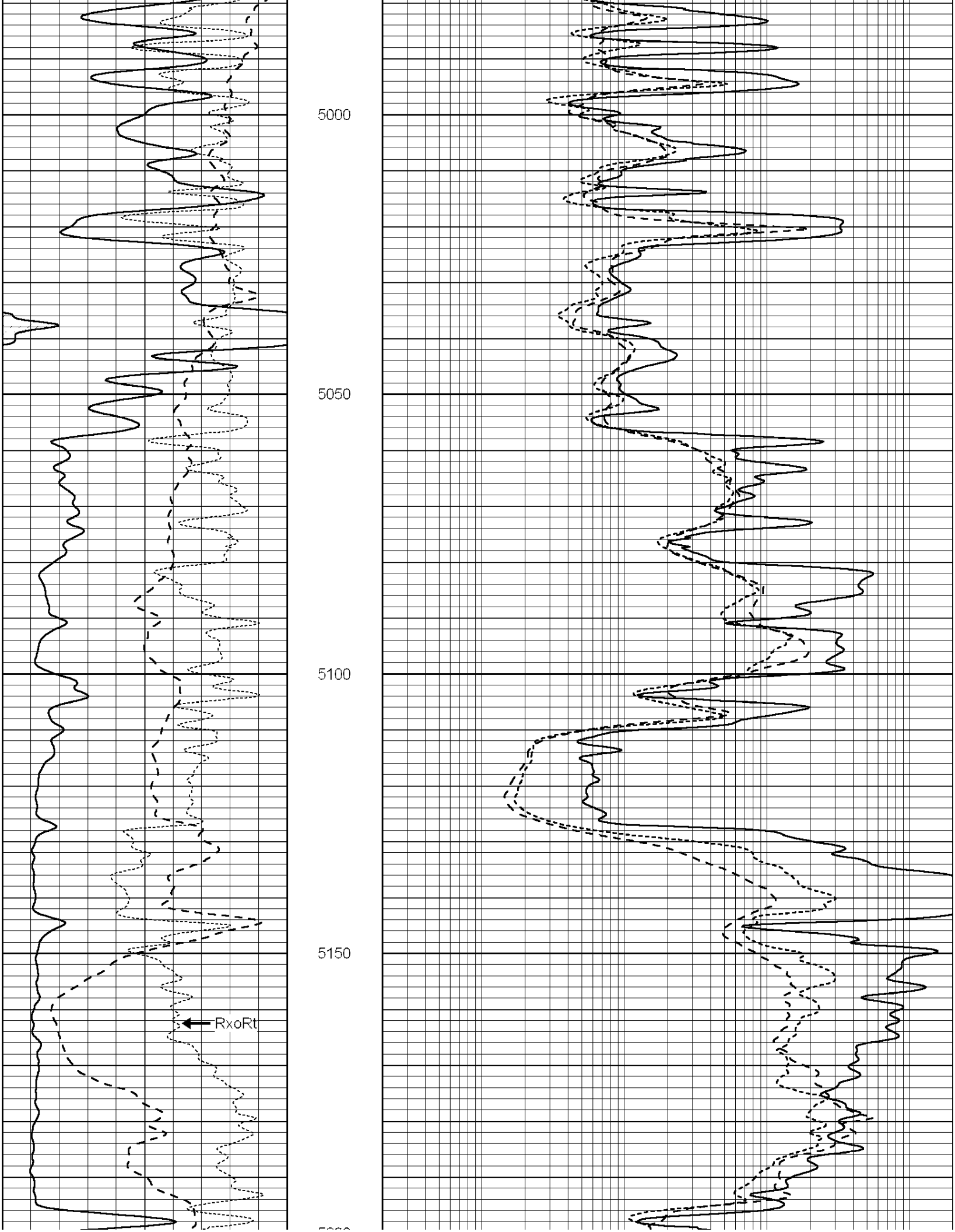
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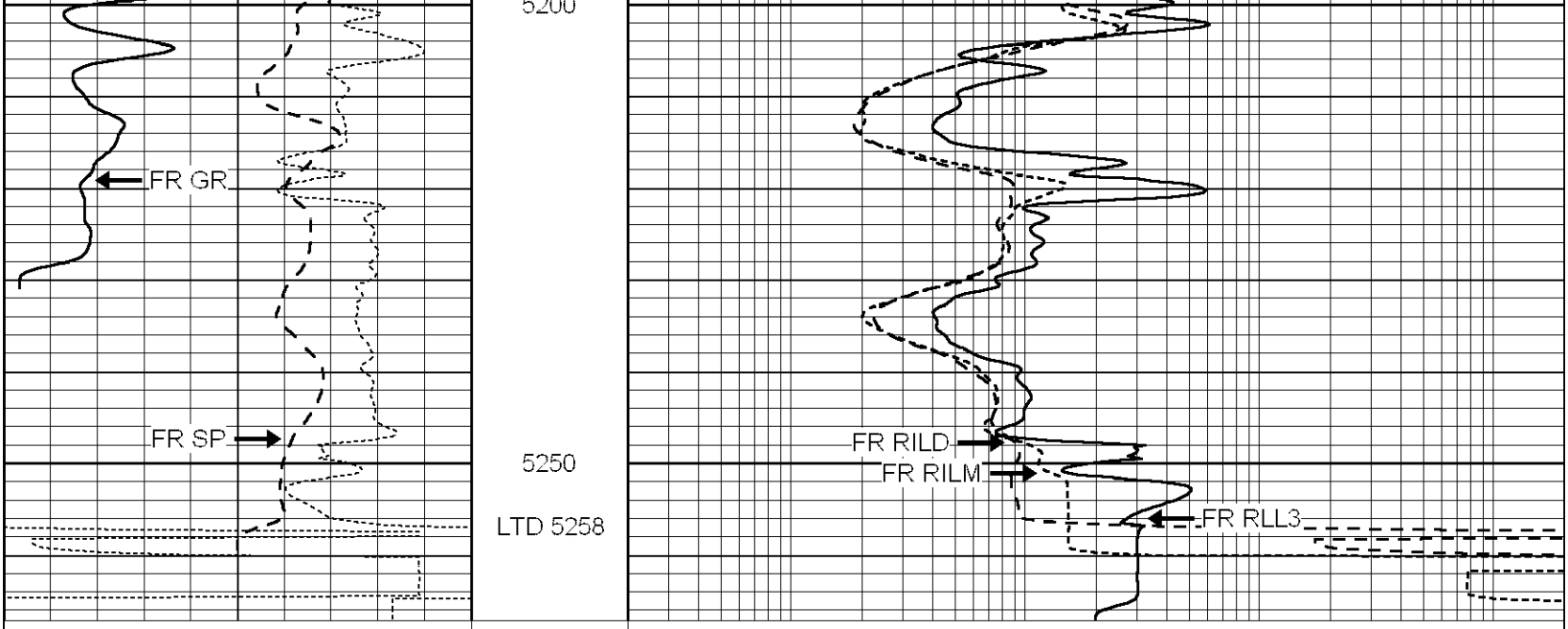


0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50

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

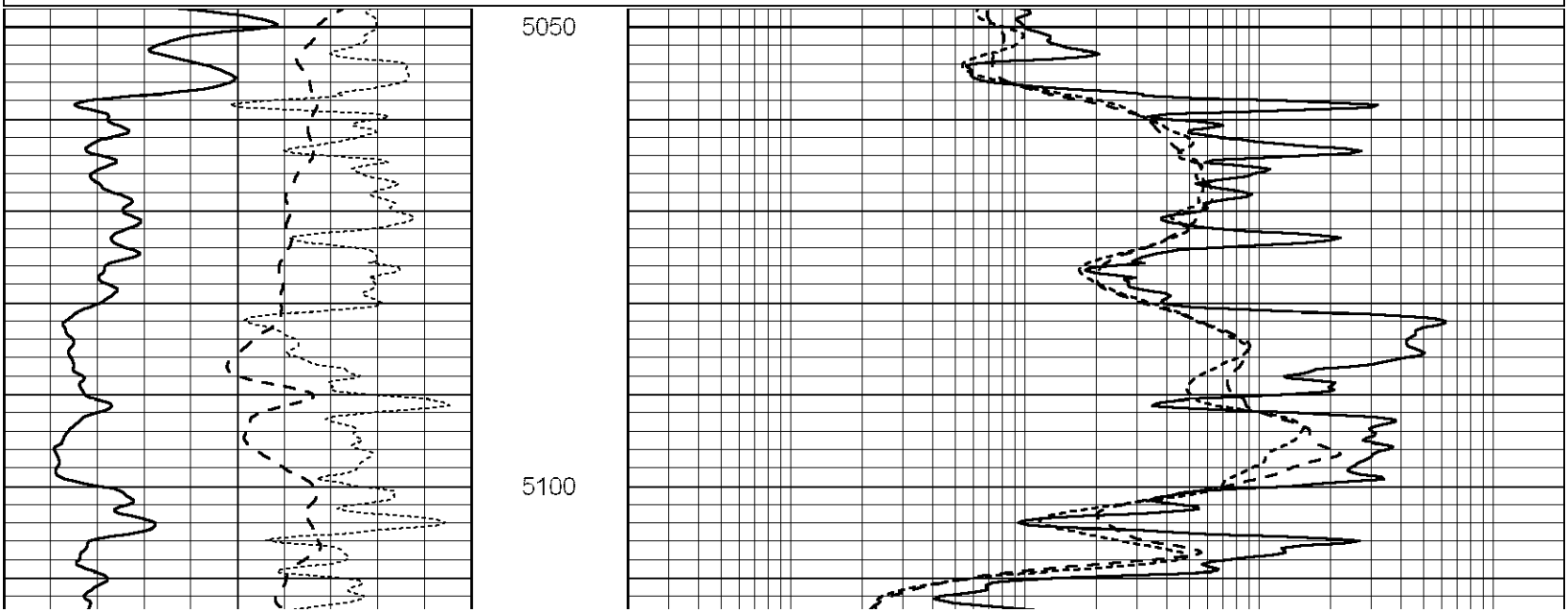
NABORS
COMPLETION & PRODUCTION SERVICES CO.

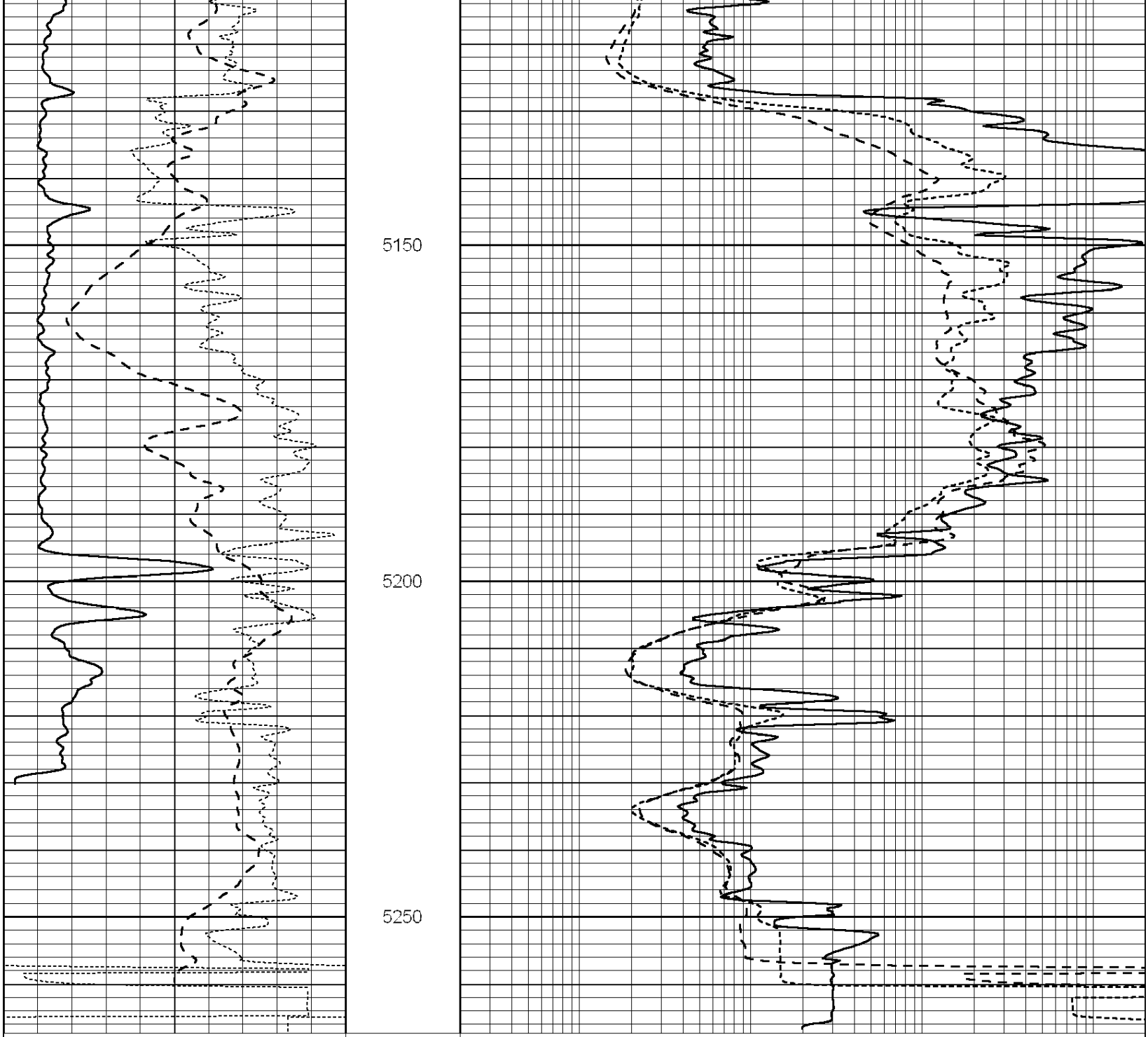
REPEAT SECTION

Database File: 26250ddn.db
Dataset Pathname: pass2.3
Presentation Format: _dil
Dataset Creation: Sat Nov 01 07:12:46 2014 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

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





Calibration Report

Database File: 26250ddn.db
Dataset Pathname: pass3.3
Dataset Creation: Sat Nov 01 08:48:11 2014 by Calc Open-Cased 090629

Dual Induction Calibration Report

Serial-Model:	PROBE7-DILG
Surface Cal Performed:	Mon Oct 27 04:01:02 2014
Downhole Cal Performed:	Sat Jan 19 19:51:38 2013
After Survey Verification Performed:	Sat Jan 19 19:51:38 2013

Surface Calibration

Loop:	Readings Air	Readings Loop		References Air	References Loop		Results m	Results b
Deep	0.793	0.790	V	0.000	400.000	mmho/m	550.000	0.000
Medium	0.992	1.002	V	0.000	464.000	mmho/m	580.000	-40.000
Internal:	**Zero**	**Cal**		**Zero**	**Cal**		**m**	**b**
Deep	0.041	0.642	V	0.000	400.000	mmho/m	664.874	-27.011
Medium	0.035	0.802	V	0.000	464.000	mmho/m	604.936	-21.367

Downhole Calibration

	Readings Zero	Readings Cal		References Zero	References Cal		Results m'	Results b'
Deep	135384.000	27094.500	mmho/m	135400.000	27082.400	mmho/m	1.000	-19.259
Medium	-47330.100	-9381.740	mmho/m	-47327.100	-9389.280	mmho/m	1.000	-10.154
LL3		7.322	V		1400.000	Ohm-m		
		0.038	V		20.000	Ohm-m		
		-7.273	V		4000.000	mmho-m		

After Survey Verification

	Readings Zero	Readings Cal		Targets Zero	Targets Cal		Results m'	Results b'
Deep	0.000	0.000	mmho/m	135384.000	27094.500	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	-47330.100	-9381.740	mmho/m	1.000	0.000
LL3		0.000	Ohm-m		1400.000	Ohm-m		
		0.000	Ohm-m		20.000	Ohm-m		
		0.000	mmho-m		4000.000	mmho-m		

Compensated Density Calibration Report

Serial-Model: GEAR5-GEARHART
Source / Verifier: 147 / 147
Master Calibration Performed: Fri Oct 24 23:45:57 2014

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.710	g/cc	943.83	576.01	cps
Aluminum	2.590	g/cc	212.01	399.19	cps

Spine Angle = 76.20 Density/Spine Ratio = 0.572

	Size		Reading	
Small Ring	8.40	in	1.64	V
Large Ring	14.00	in	2.93	V

Compensated Neutron Calibration Report

Serial Number: 080620
Tool Model: Probe

PRE-SURVEY VERIFICATION

Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu

POST-SURVEY VERIFICATION

Detector	Readings	Measured	Target

Short Space	cps		
Long Space	cps	pu	pu

Gamma Ray Calibration Report

Serial Number:	46001	
Tool Model:	Probe1	
Performed:	Mon Oct 27 03:59:08 2014	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.2600	GAPI/cps