SUPERIOR WELL SERVICES

SUPERIOR
Hays,
Kansas

DUAL INDUCTION LOG

Company VINCENT OIL CORPORATION

Well OVERMYER #2-9

Field WILDCAT

County FORD State KANSAS

Location: API # : 15-057-20842-0000
2120' FSL & 1490' FEL
SEC 9 TWP 29S RGE 22W

Permanent Datum GROUND LEVEL Elevation 2482
Log Measured From KELLY BUSHING 12' A.G.L.
Drilling Measured From KELLY BUSHING

Other Services
CDL/CNL/PE
MEL/SON

Elevation
K.B. 2494
D.F. 2492
G.L. 2482

Company	VINCENT OIL CORPORATION		
Well	OVERMYER #2-9		
Field	WILDCAT		
County	FORD		
State	KANSAS		
Date	9/16/12		
Run Number	ONE		
Depth Driller	5450		
Depth Logger	5450		
Bottom Logged Interval	5448		
Top Log Interval	00		
Casing Driller	8 5/8" @ 659		
Casing Logger	658		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 10300 PPM	
Density / Viscosity	9.2/50		
pH / Fluid Loss	10.5/11.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.42 @ 80F		
Rmf @ Meas. Temp	.31 @ 80F		
Rmc @ Meas. Temp	.50 @ 80F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	.26 @ 129F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	129F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	KEN LeBLANC		

<<< Fold Here >>>

Comments

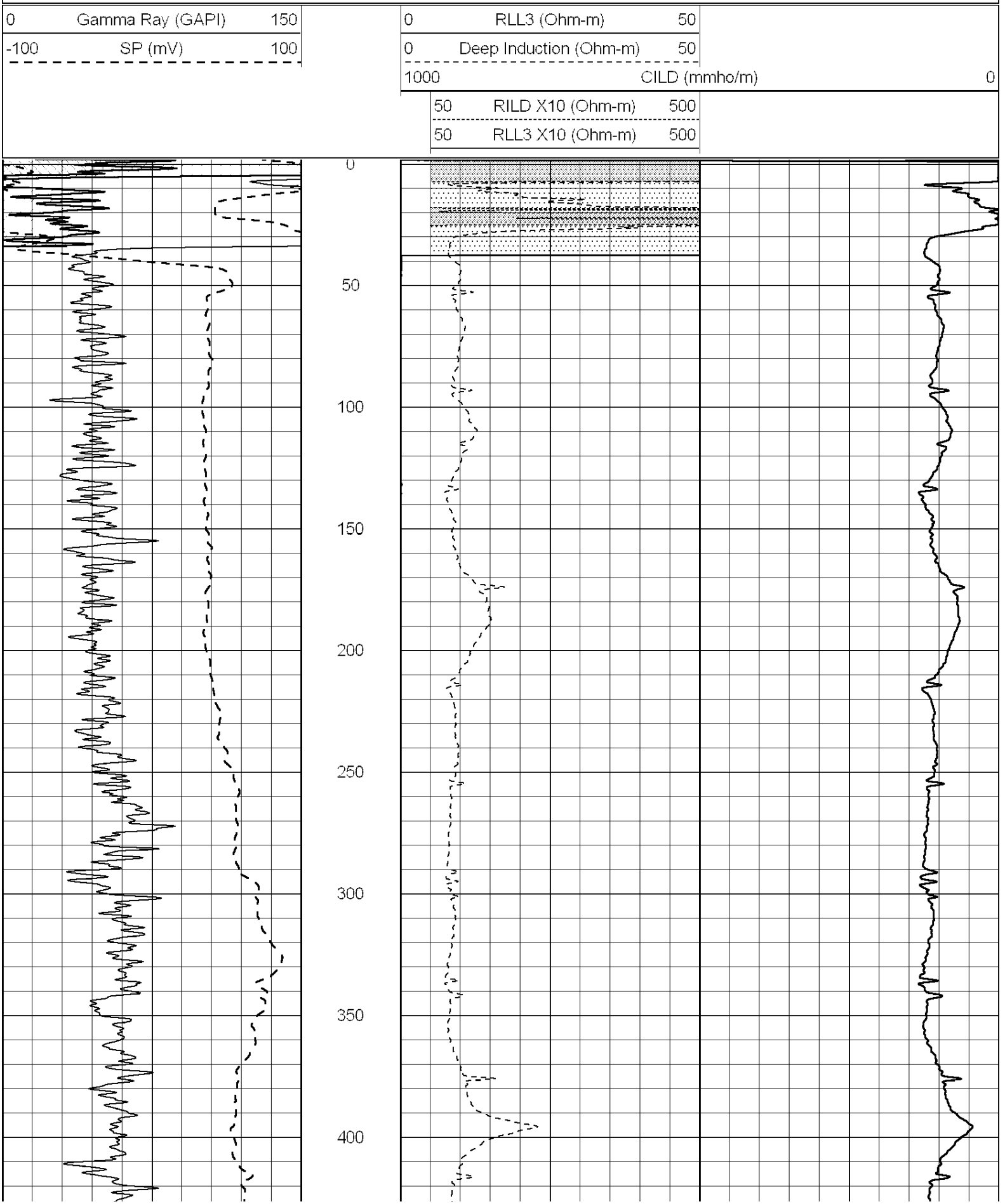
THANK YOU FOR USING SUPERIOR WELL SERVICE (785) 628-6395
DIRECTIONS
E. OF KINGSDOWN HWY 54 & RD. 127 - 1/4 MILE N. - W. INTO

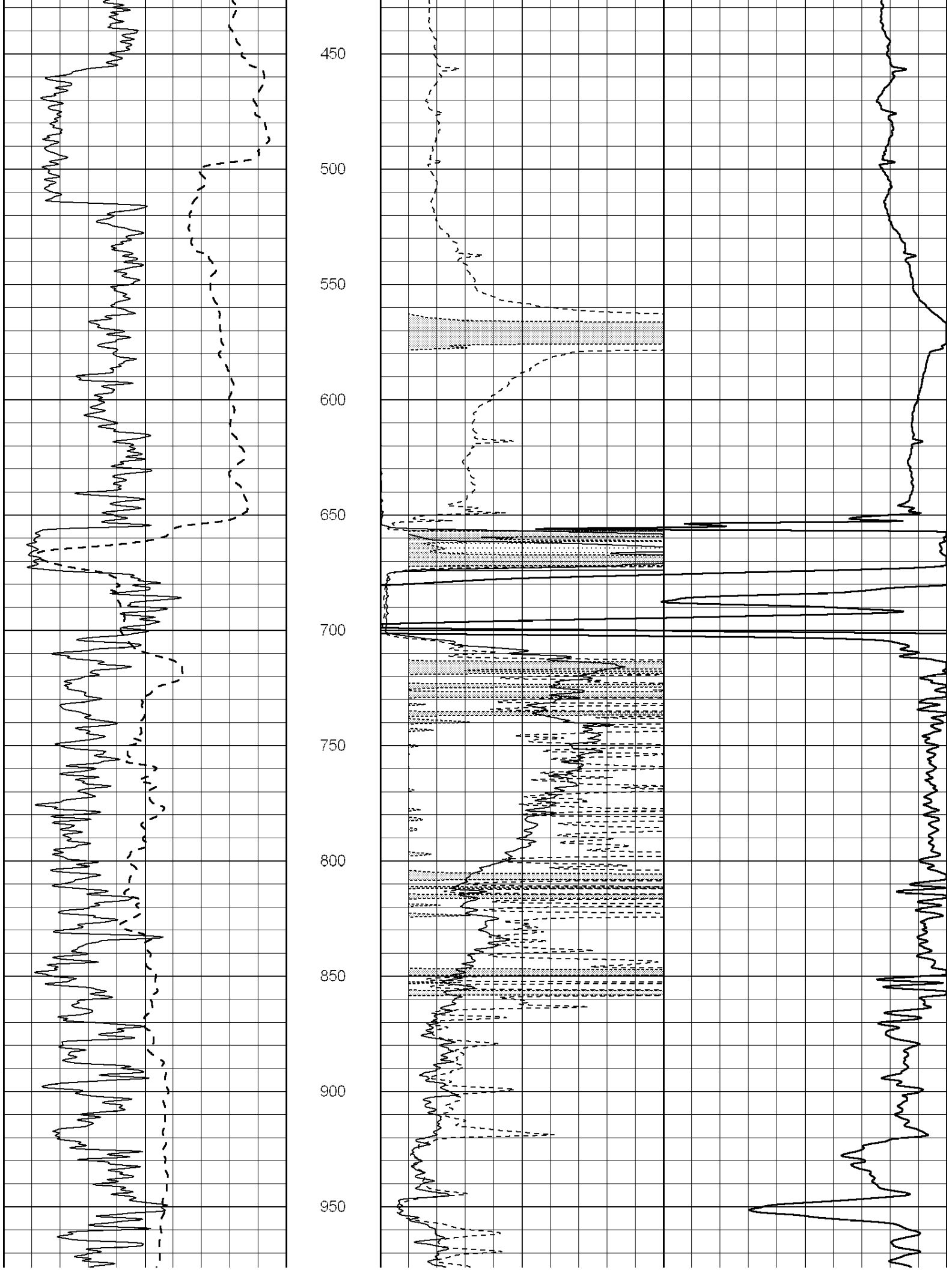
SUPERIOR WELL SERVICES

SUPERIOR
Hays,
Kansas

MAIN SECTION

Database File: 009729pe.db
Dataset Pathname: pass3.2
Presentation Format: _dil2
Dataset Creation: Sun Sep 16 09:47:47 2012 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:600

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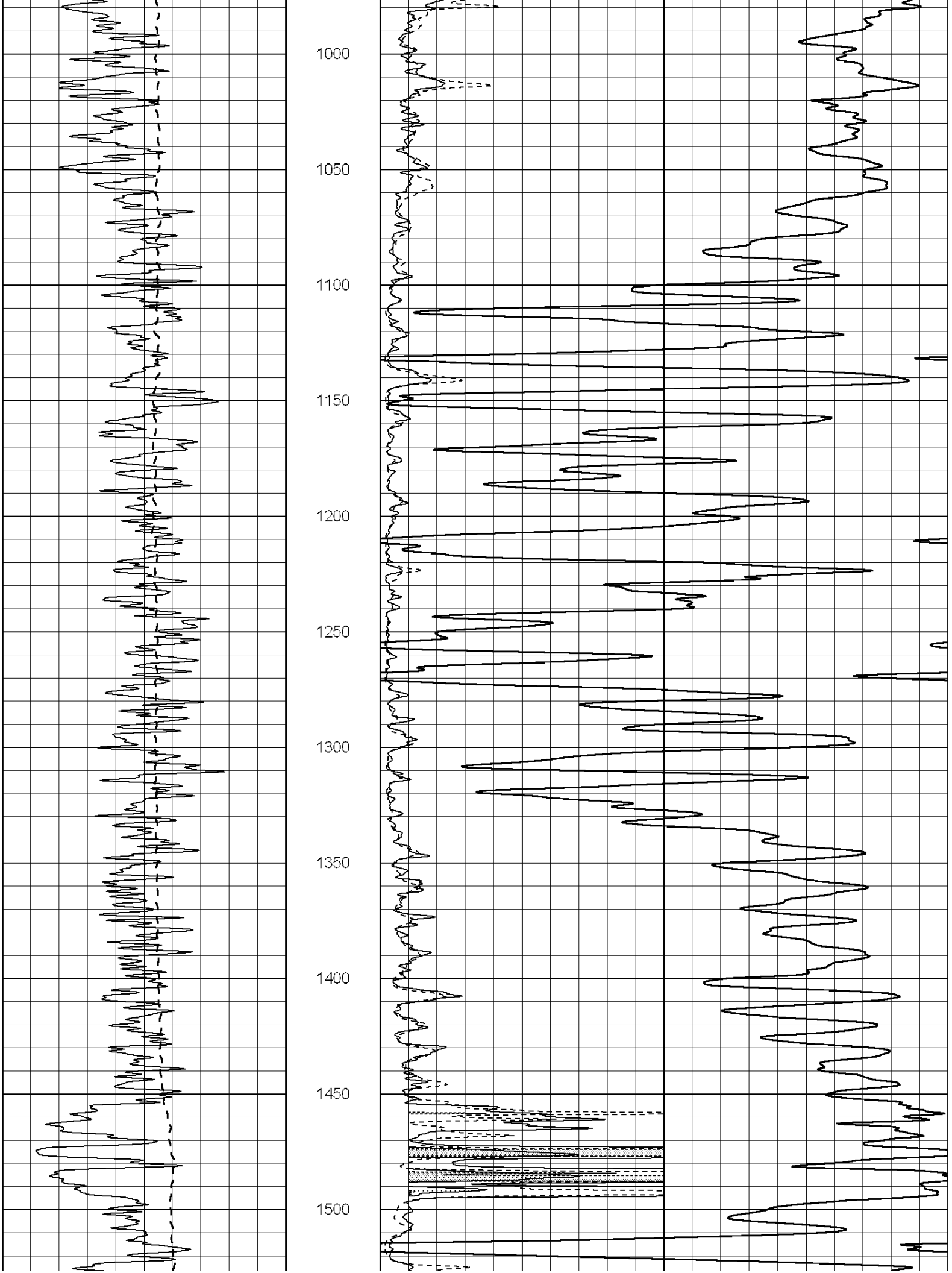
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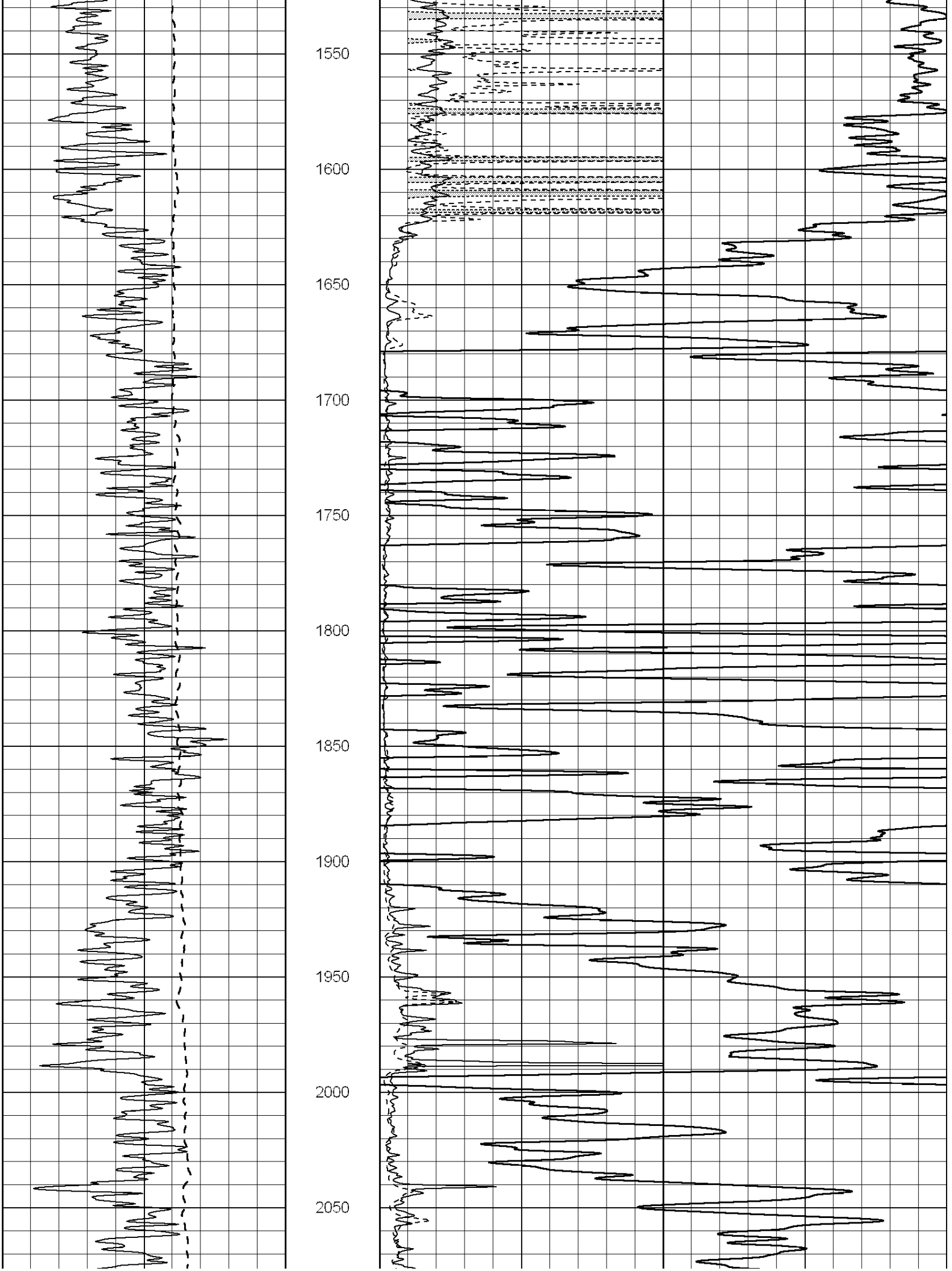
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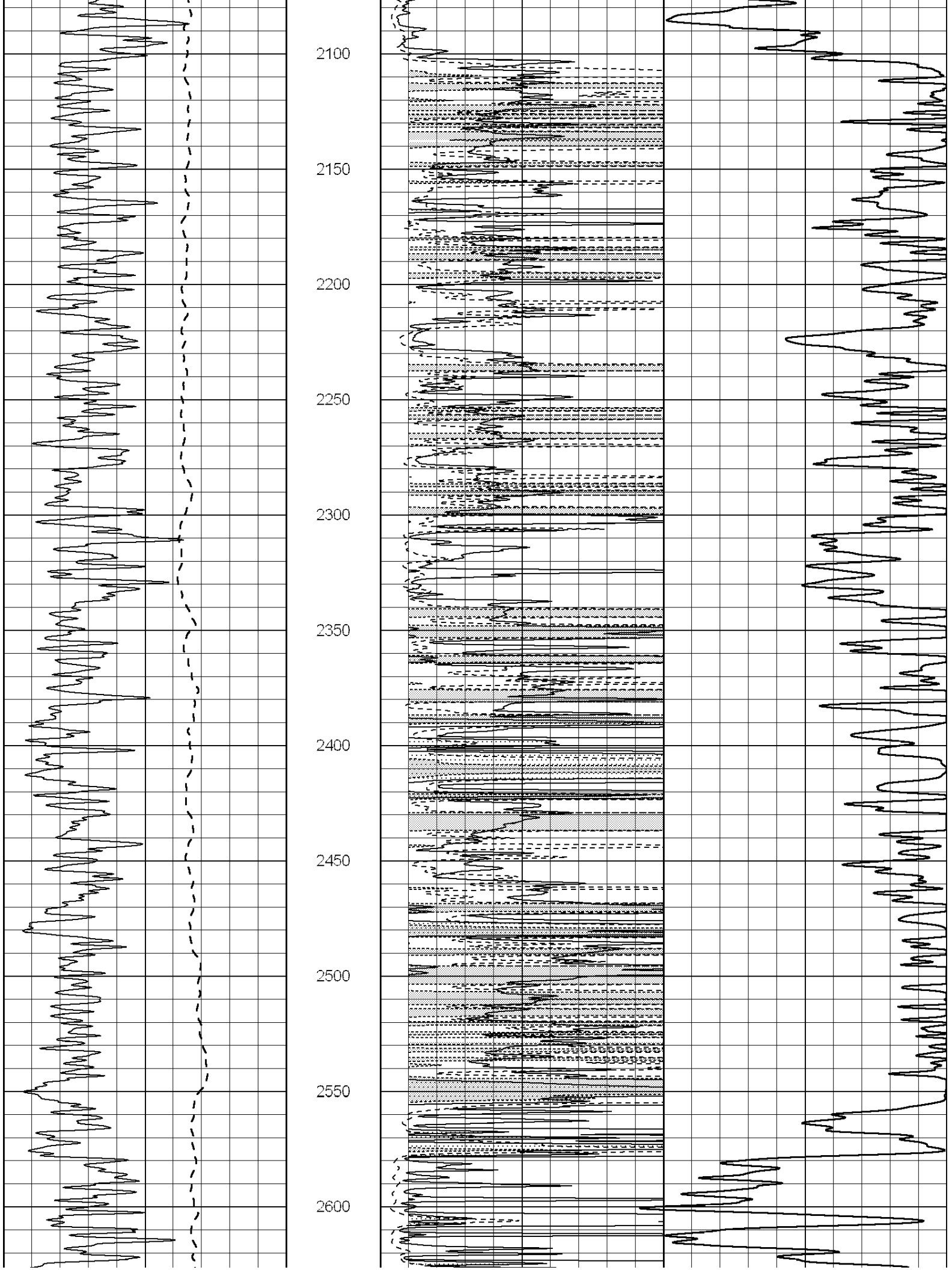
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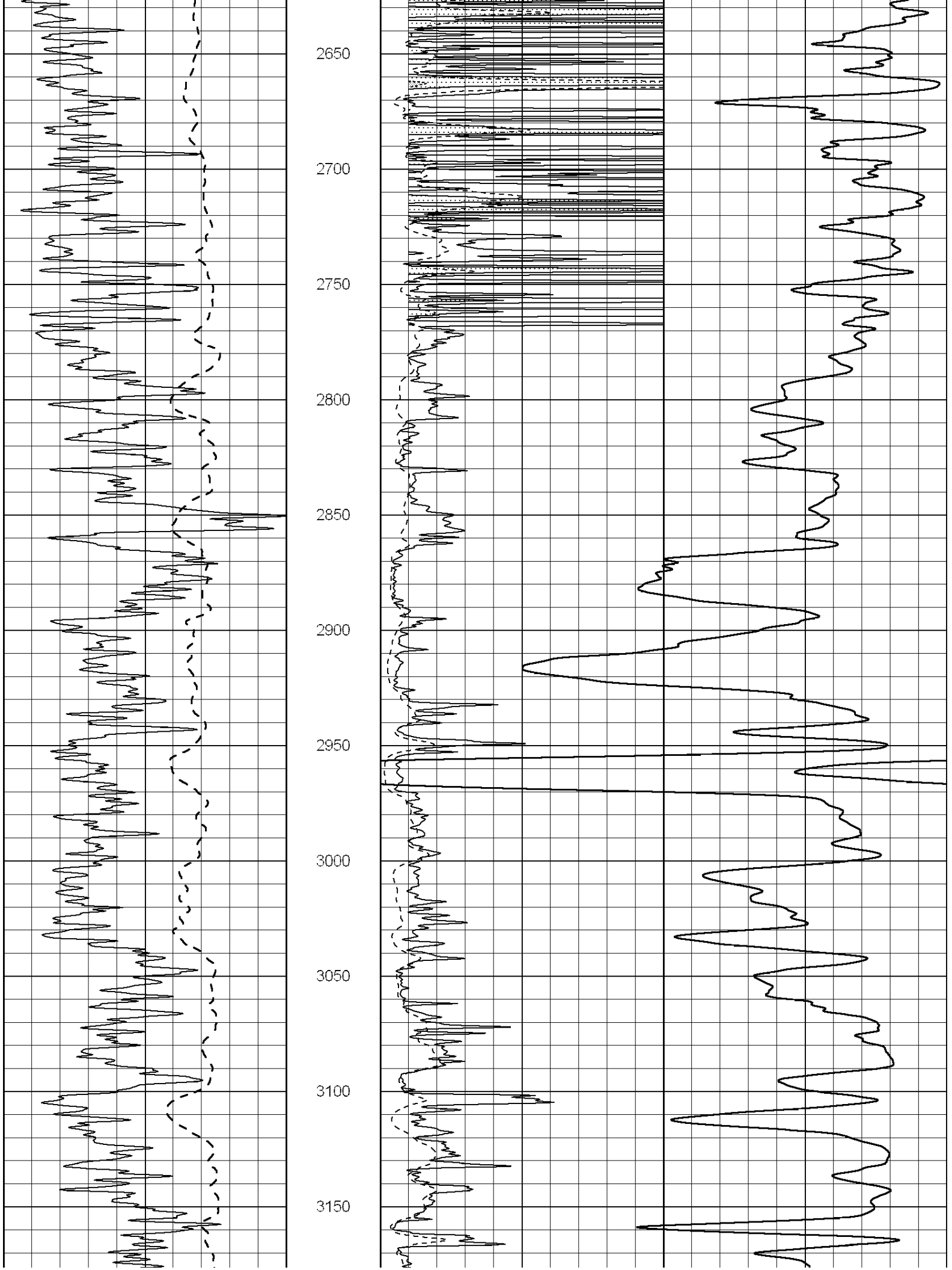
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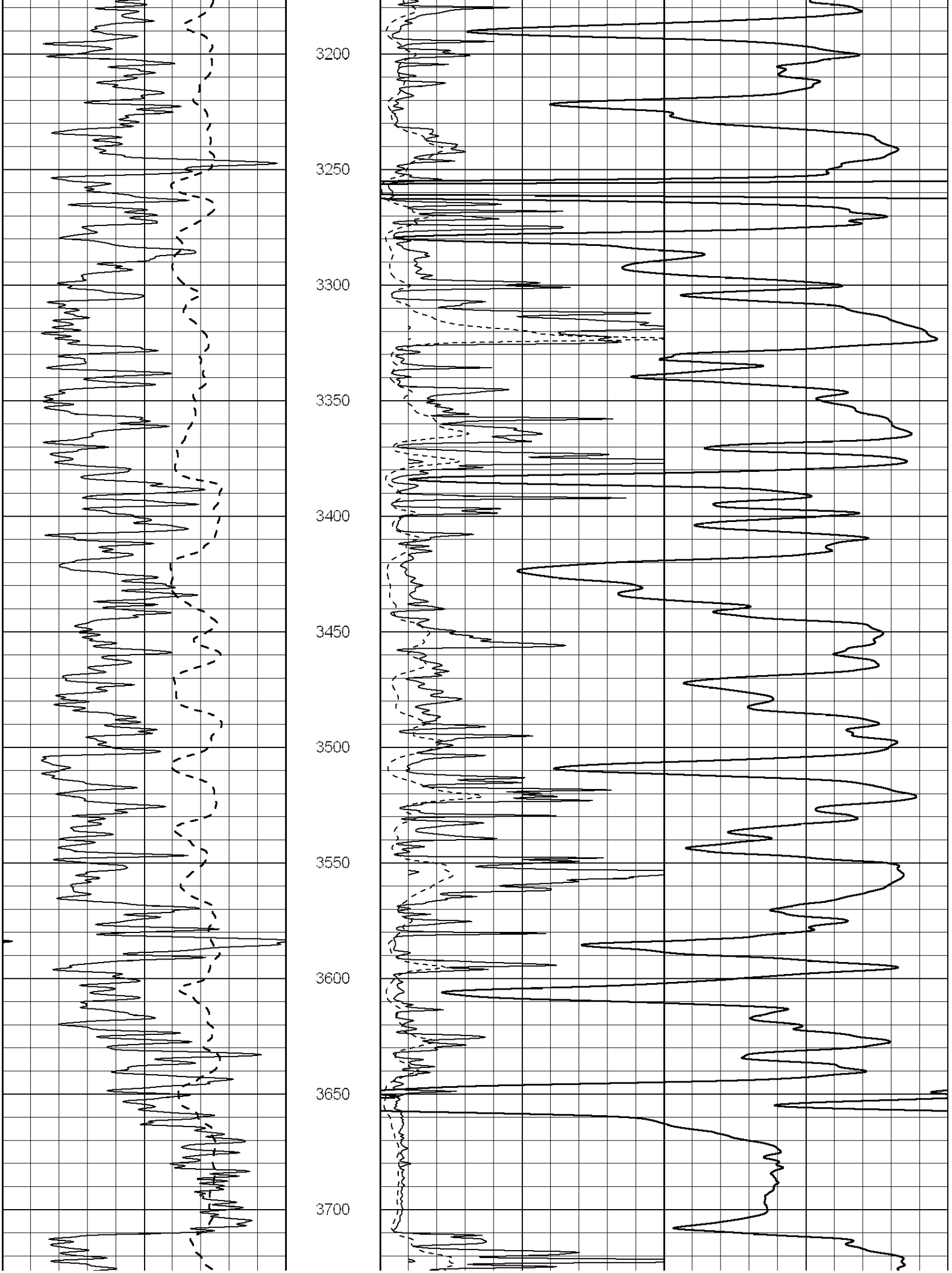
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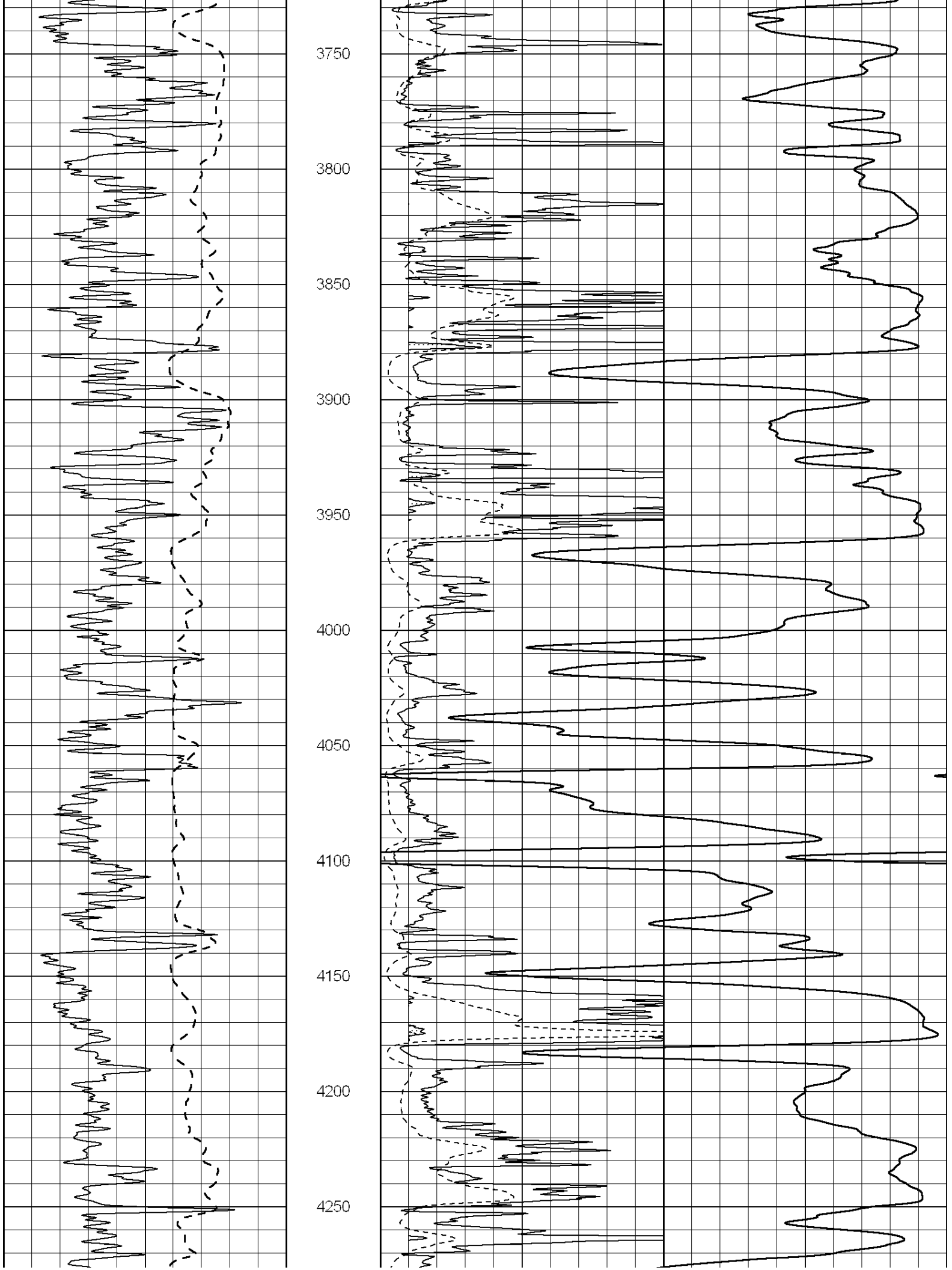
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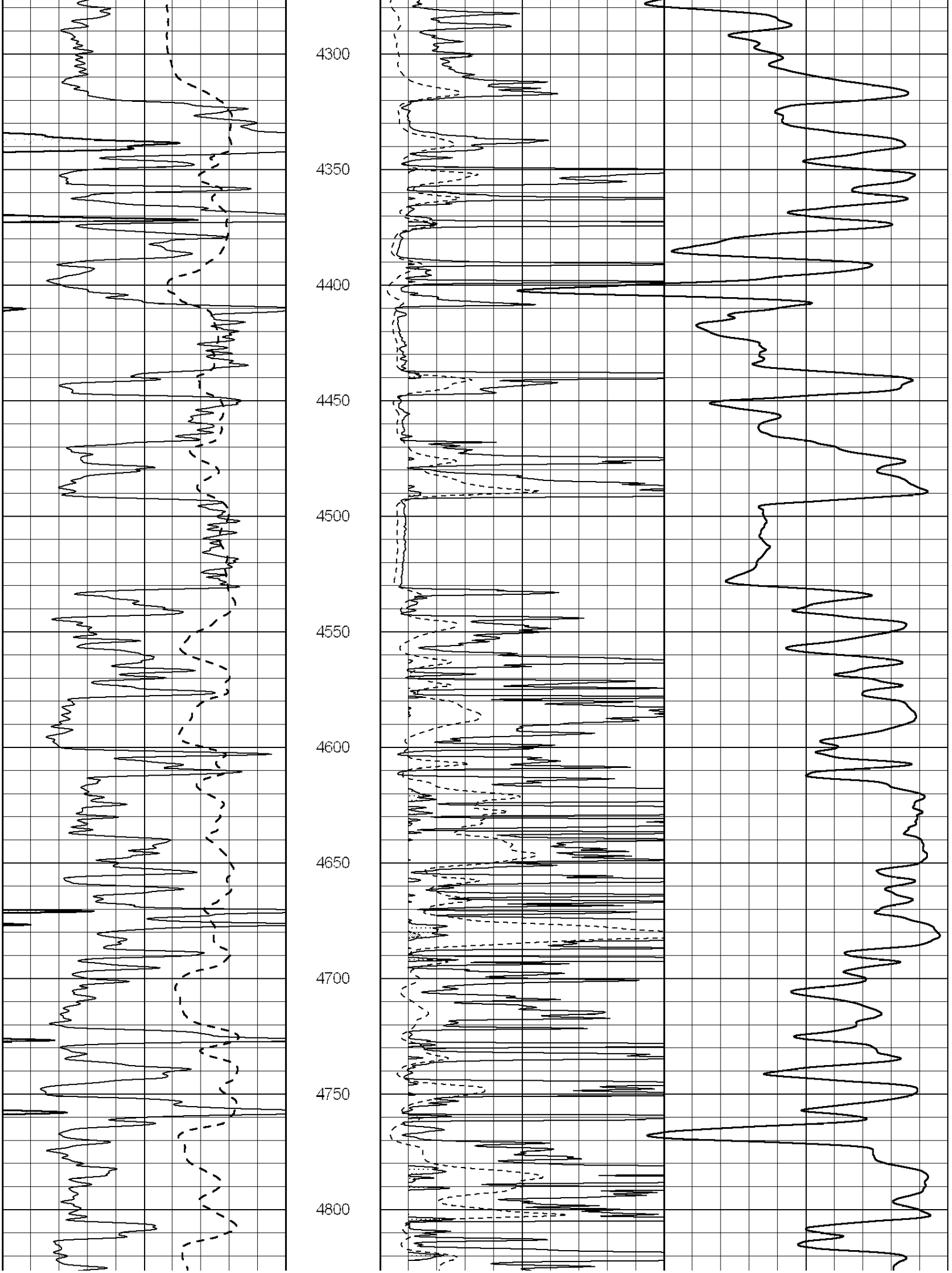
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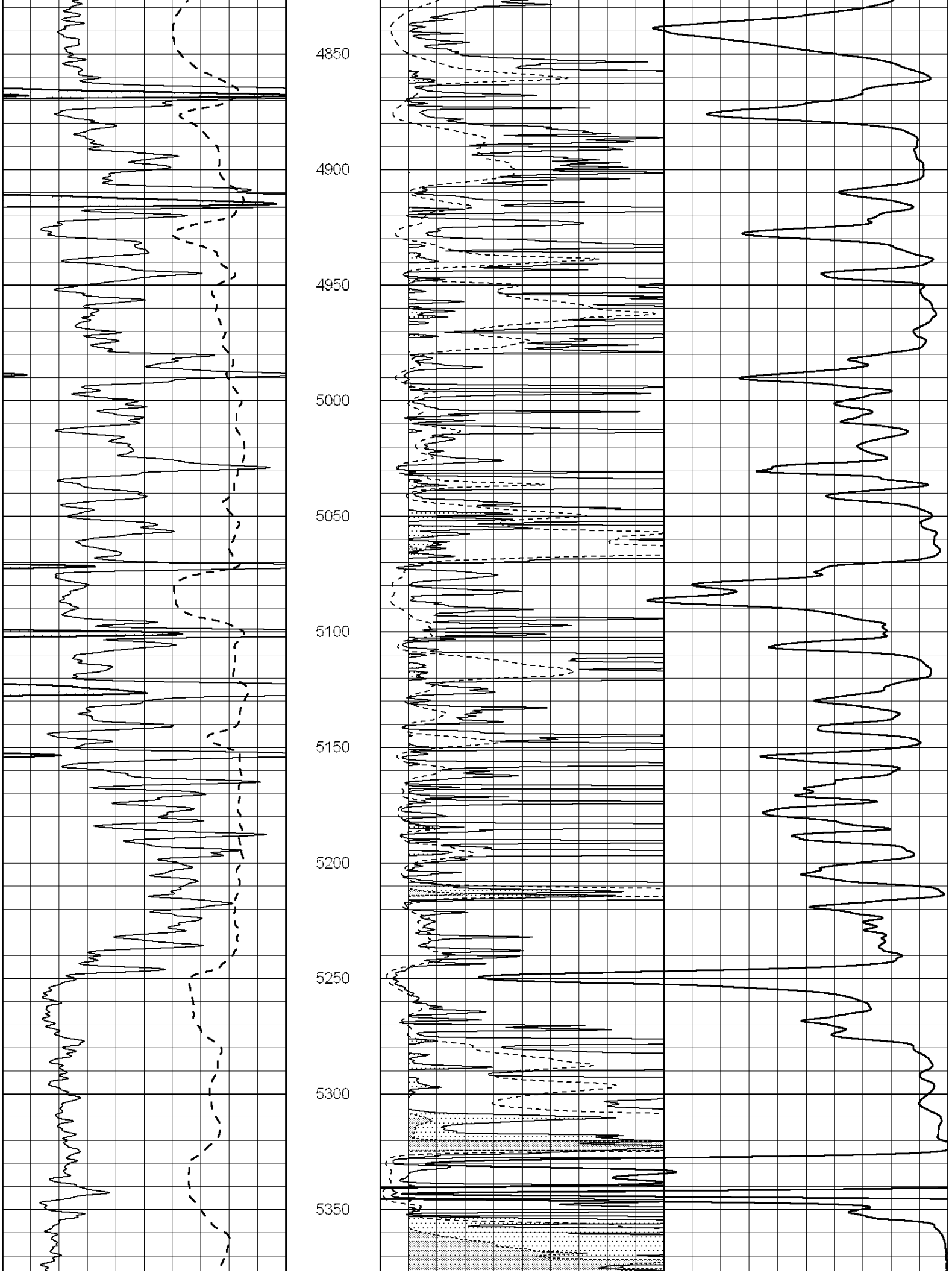
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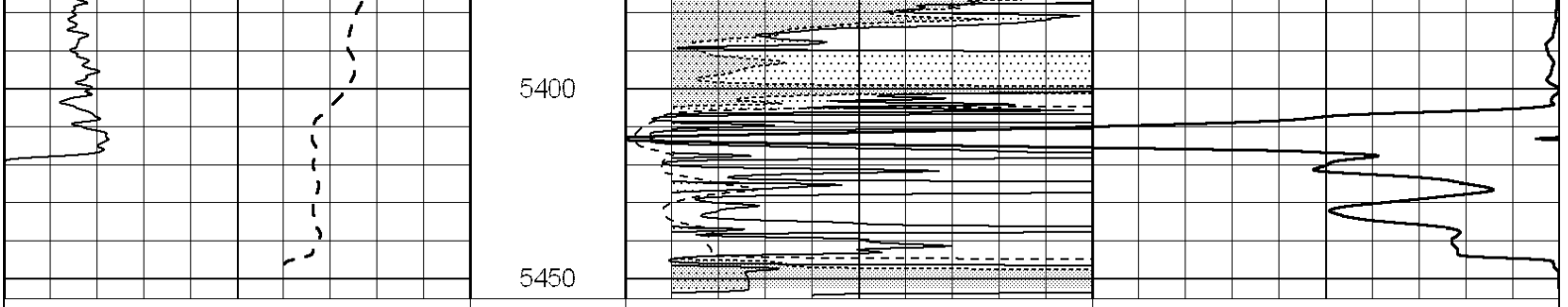

0	Gamma Ray (GAPI)	150
-100	SP (mV)	100

0	RLL3 (Ohm-m)	50
0	Deep Induction (Ohm-m)	50
1000	CILD (mmho/m)	0
50	RILD X10 (Ohm-m)	500
50	RLL3 X10 (Ohm-m)	500

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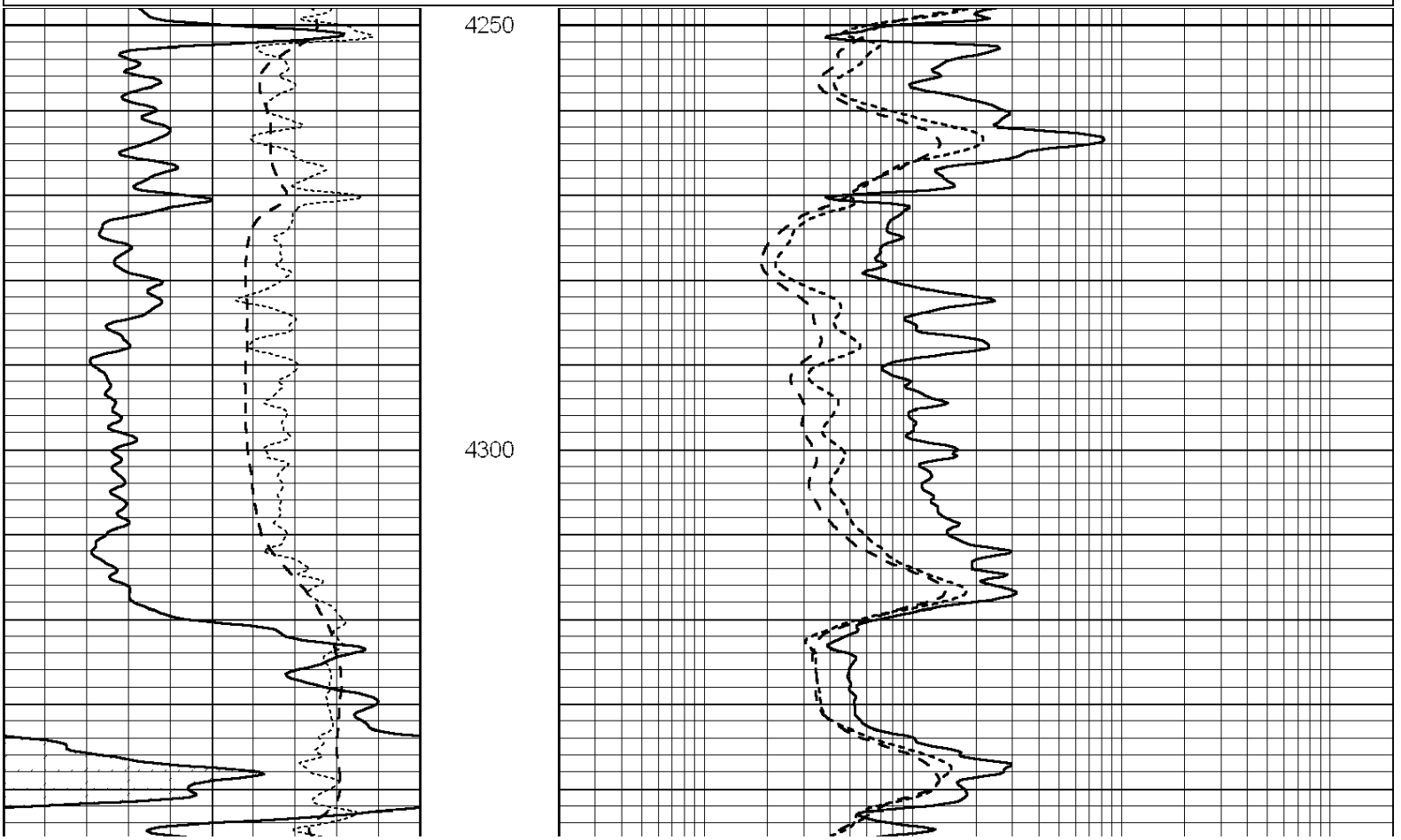
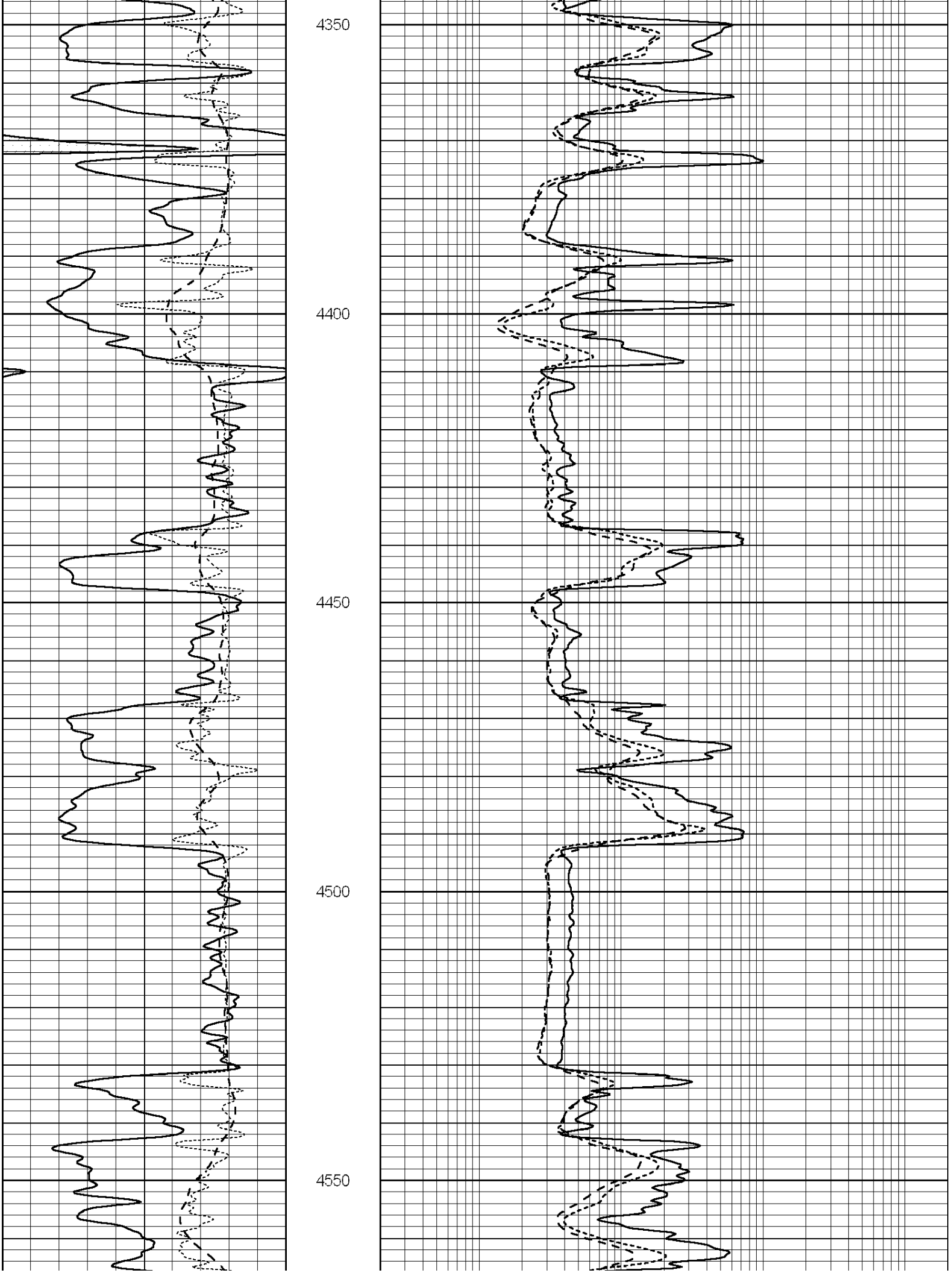
Database File:	009729pe.db
Dataset Pathname:	pass3.1
Presentation Format:	_dil
Dataset Creation:	Sun Sep 16 08:45:26 2012 by Calc Open-Cased 090629
Charted by:	Depth in Feet scaled 1:240

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

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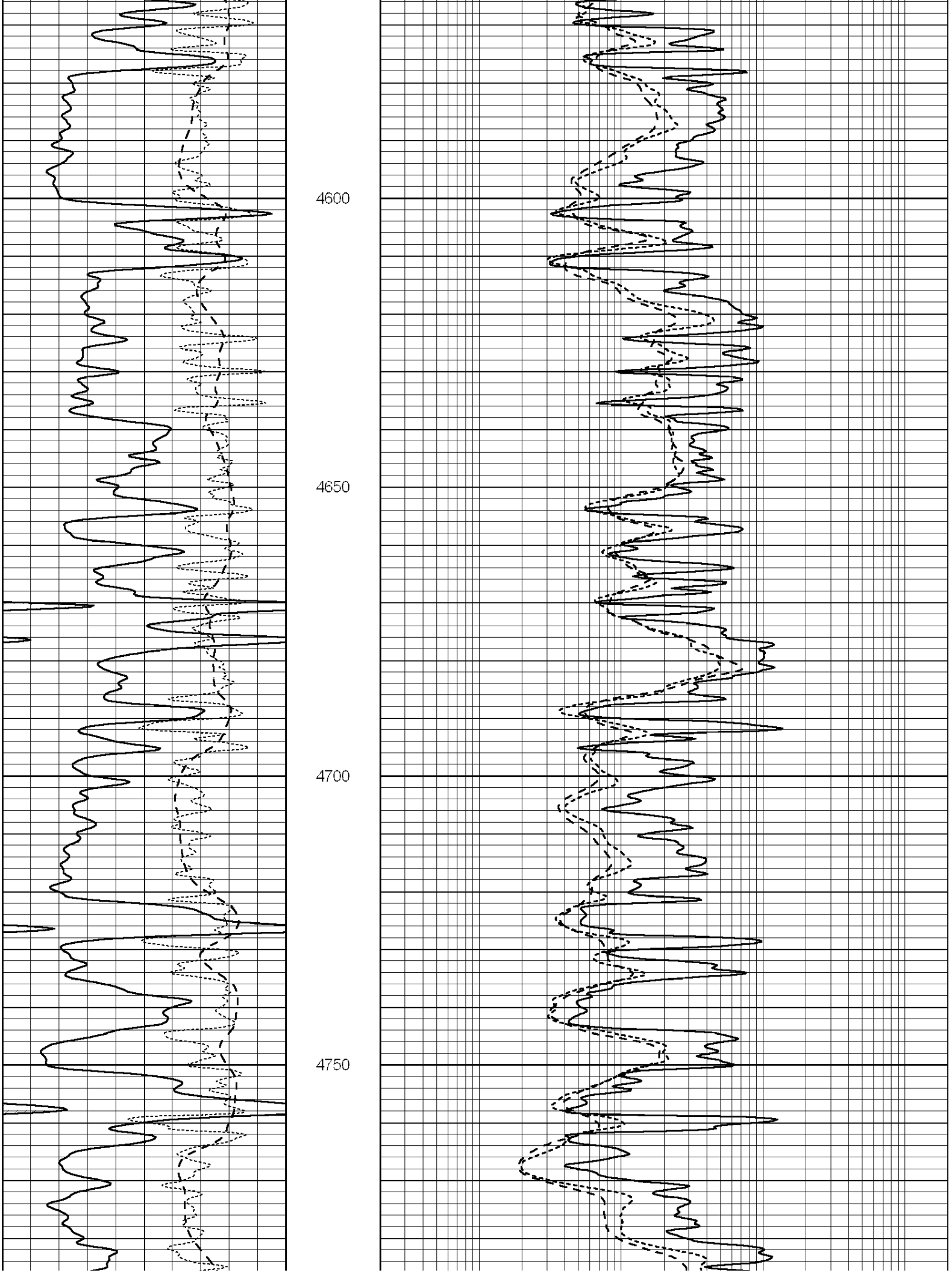
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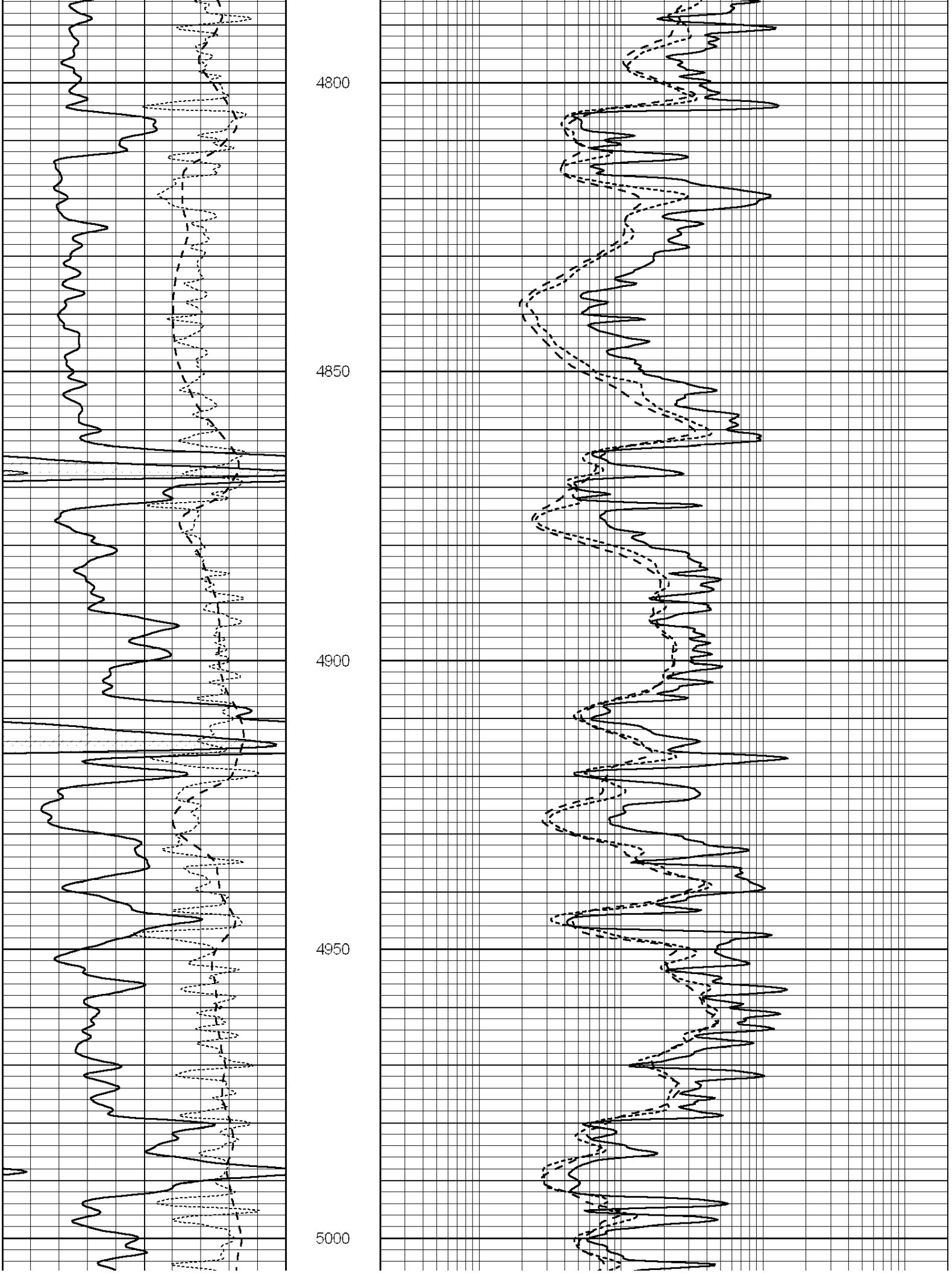
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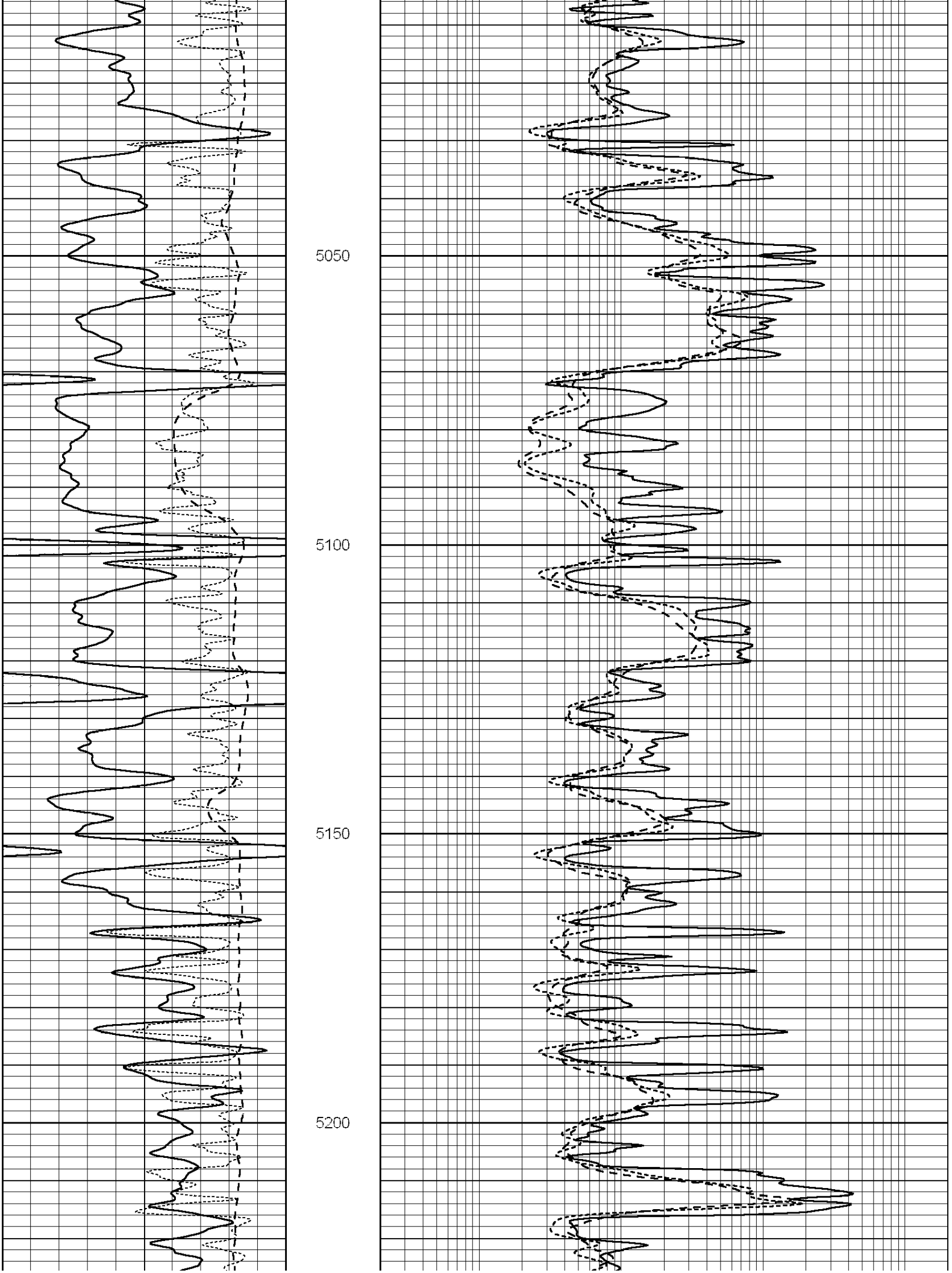
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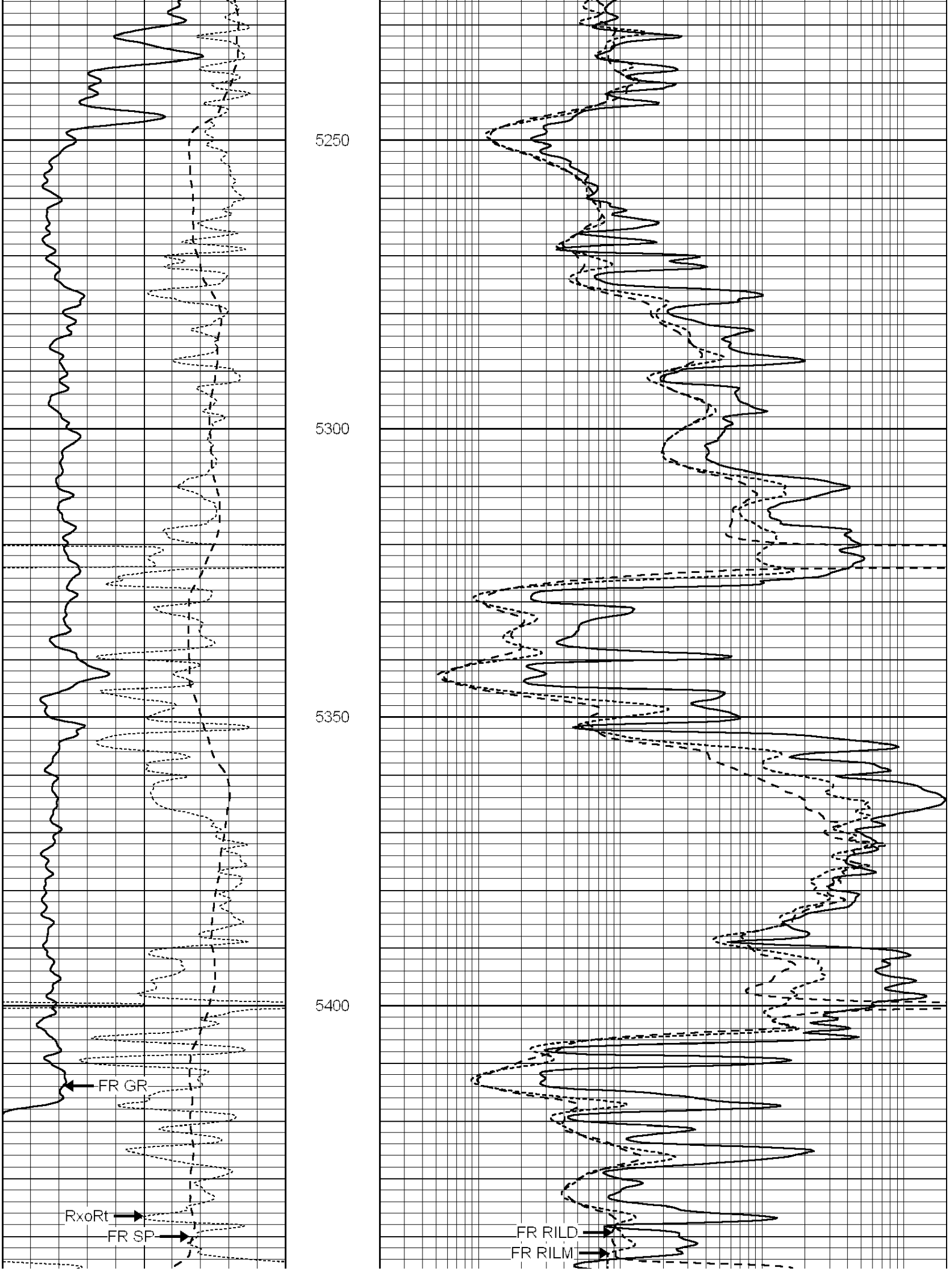
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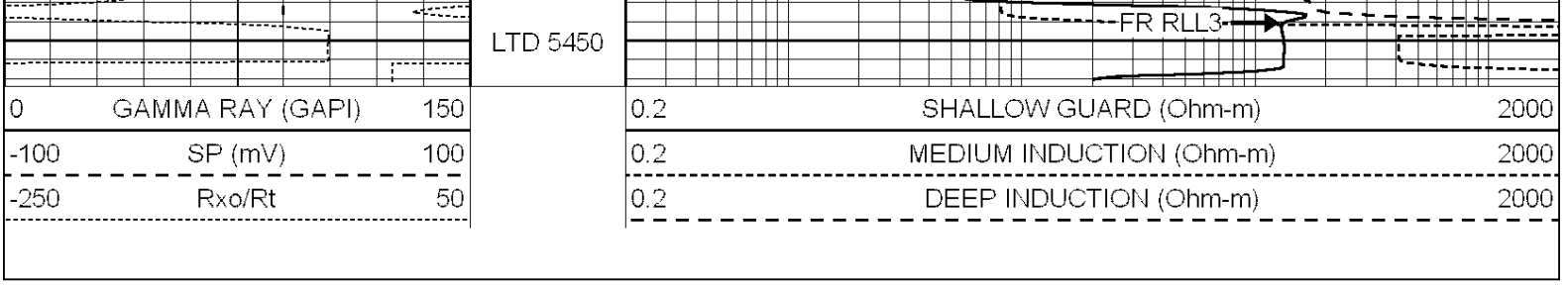
5350
5400
FR GR
RxoRt
FR SP
FR RILD
FR RILM



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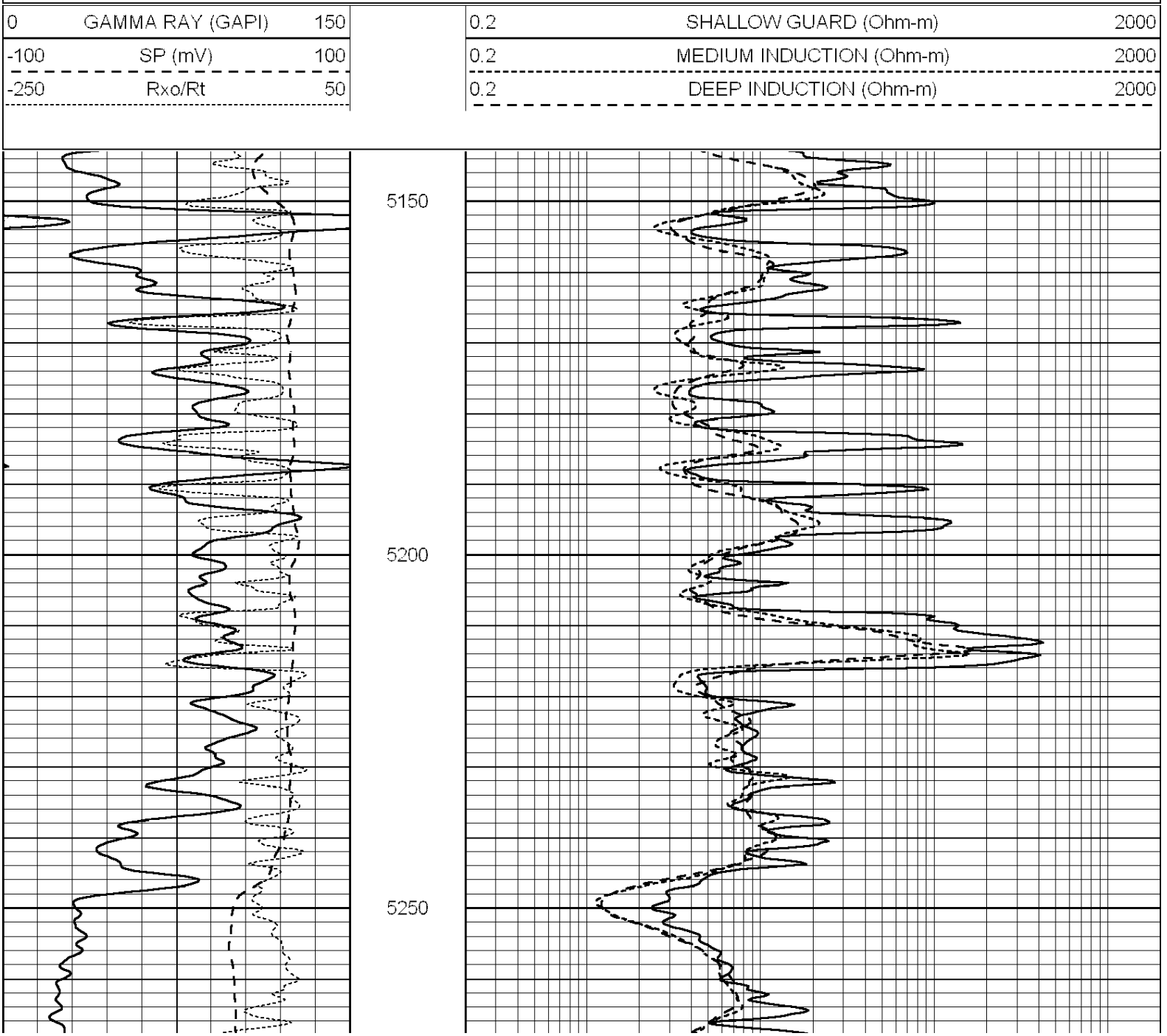
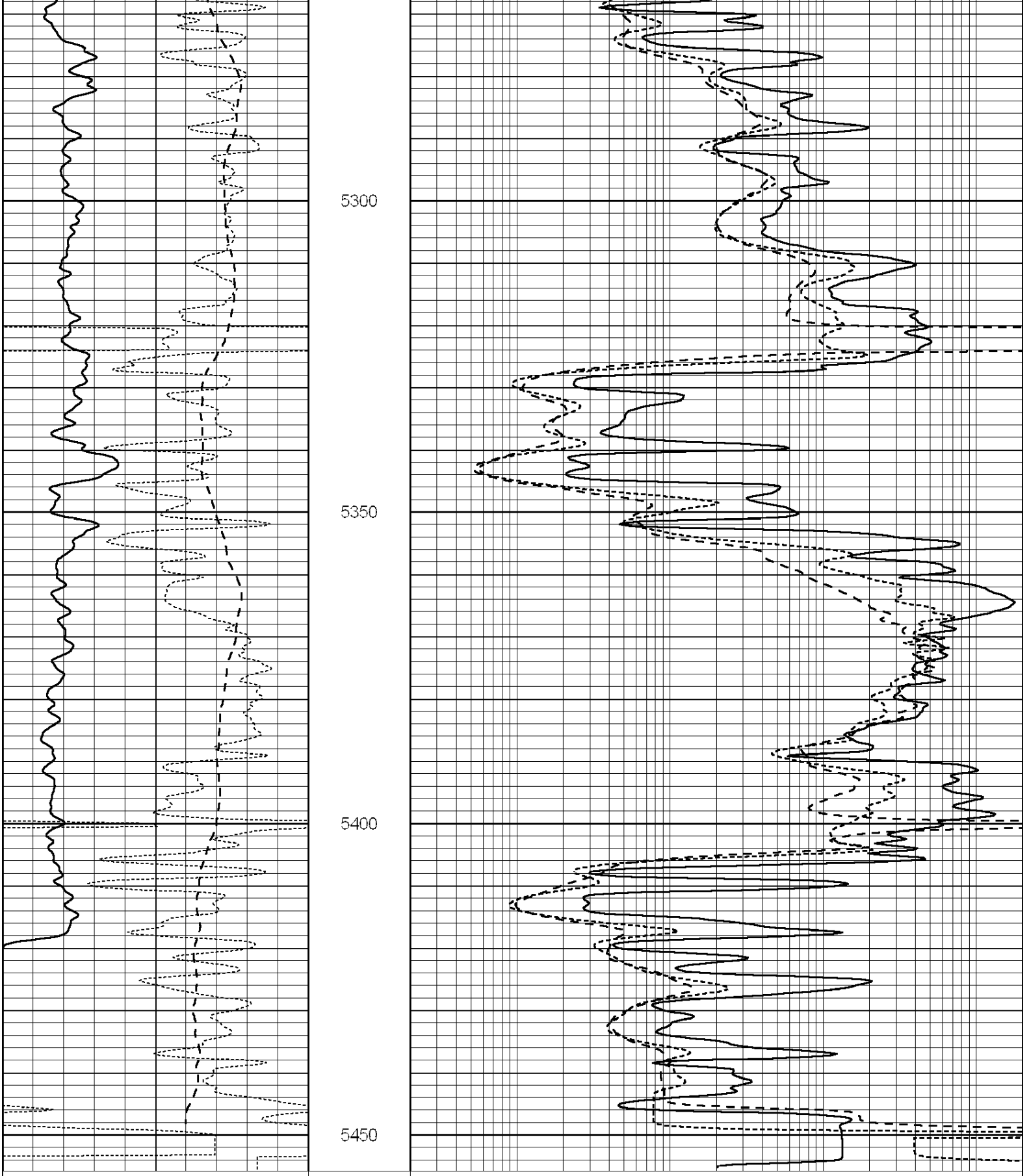
REPEAT SECTION

Database File:	009729pe.db
Dataset Pathname:	pass2.1
Presentation Format:	_dil
Dataset Creation:	Sun Sep 16 08:35:37 2012 by Calc Open-Cased 090629
Charted by:	Depth in Feet scaled 1:240





Calibration Report

Database File: 090720pp.db

Database File: 009729pe.db
Dataset Pathname: pass3.1
Dataset Creation: Sun Sep 16 08:45:26 2012 by Calc Open-Cased 090629

Dual Induction Calibration Report

Serial-Model:	PROBE8-DILG
Surface Cal Performed:	Fri Aug 01 06:33:19 2008
Downhole Cal Performed:	Mon Jul 28 11:08:27 2008
After Survey Verification Performed:	Mon Jul 28 11:08:27 2008

Surface Calibration

	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.015	0.648	V	0.000	400.000	mmho/m	632.616	-9.730
Medium	0.029	0.796	V	0.000	464.000	mmho/m	605.049	-17.680
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.017	0.657	V	0.000	400.000	mmho/m	625.153	-10.619
Medium	0.016	0.757	V	0.000	464.000	mmho/m	625.992	-9.739

Downhole Calibration

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	2.011	405.777	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	7.590	503.393	mmho/m	1.000	0.000
LL3		7.500	V		1500.000	Ohm-m		
		0.000	V		20.000	Ohm-m		
		-7.200	V		3800.000	mmho-m		

After Survey Verification

	Readings			Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	0.000	0.000	mmho/m	0.000	0.000
Medium	0.000	0.000	mmho/m	0.000	0.000	mmho/m	0.000	0.000
LL3		1.000	Ohm-m		1.000	Ohm-m		
		0.000	Ohm-m		0.000	Ohm-m		
		1.000	mmho-m		1.000	mmho-m		

Litho Density Calibration Report
Serial: 001 Model: PRB
Performed Thu Sep 17 09:57:21 2009

Litho Density Calibration

	Background	Magnesium	Aluminum	Sandstone	
Window 1	2056.0	9796.8	3673.1	10821.3	cps
Window 2	1920.0	8541.1	3303.5	9307.2	cps
Window 3	1563.1	4735.7	2212.8	5017.5	cps
Window 4	466.0	466.1	465.6	471.5	cps
Long Space	0.0	6621.1	1383.5	7387.2	cps
Short Space	2.5	2361.7	1523.2	2534.0	cps
Rho		1.7100	2.5900	1.3800	g/cc
Pe			2.5700	1.5500	

Rib Angle	: 44.4	Rib Slope	: 0.978	Density/Spine Ratio	: 0.541
Spine Angle	: 74.4	Spine Slope	: 3.570	Spine Intercept	: -18.9

Caliper

	Readings	Reference
Low Ref	3.1	8.4

High Ref	4.3	14.3	
	Gain: 4.6		Offset: -7.7

Compensated Neutron Calibration Report

Serial Number: 6I
Tool Model: G

CALIBRATION

Detector	Readings		Target		Normalization
Short Space	1.00	cps	1.00	cps	1.0000
Long Space	1.00	cps	1.00	cps	1.0000

Gamma Ray Calibration Report

Serial Number: #8
Tool Model: OPEN
Performed: Mon Jun 13 16:56:43 2011

Calibrator Value: 150.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 175.0 cps

Sensitivity: 0.8371 GAPI/cps