SUPERIOR
Hays,
Kansas

DUAL INDUCTION LOG

Company VINCENT OIL CORPORATION

Well McCARTY #3-36

Field

County FORD State KANSAS

Location: API # : 15-057-20785

2110' FNL & 1670' FWL

SEC 36 TWP 28S RGE 23W

Other Services
CDL/CNL/PE
SONIC/MEL

Elevation
K.B. 2517
D.F.
G.L. 2505

Permanent Datum GROUND LEVEL Elevation 2505
Log Measured From KELLY BUSHING 12' A.G.L.
Drilling Measured From KELLY BUSHING

Company VINCENT OIL CORPORATION
Well McCARTY #3-36
Field
County FORD
State KANSAS

Date	2-28-12		
Run Number	ONE		
Depth Driller	5580		
Depth Logger	5584		
Bottom Logged Interval	5582		
Top Log Interval	00		
Casing Driller	655		
Casing Logger	650		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.5 / 55		
pH / Fluid Loss	9.5 / 8.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.70 @ 77F		
Rmf @ Meas. Temp	0.53 @ 77F		
Rmc @ Meas. Temp	0.84 @ 77F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	.410 @ 130F		
Time Circulation Stopped	3 HOURS		
Time Logger on Bottom	8:45 P.M.		
Maximum Recorded Temperature	130F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	KEN LeBLANC		

<<< Fold Here >>>

Comments

SUPERIOR WELL SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: FORD, S TO WILBURN RD., 1 1/2W, N INTO.

MAIN SECTION

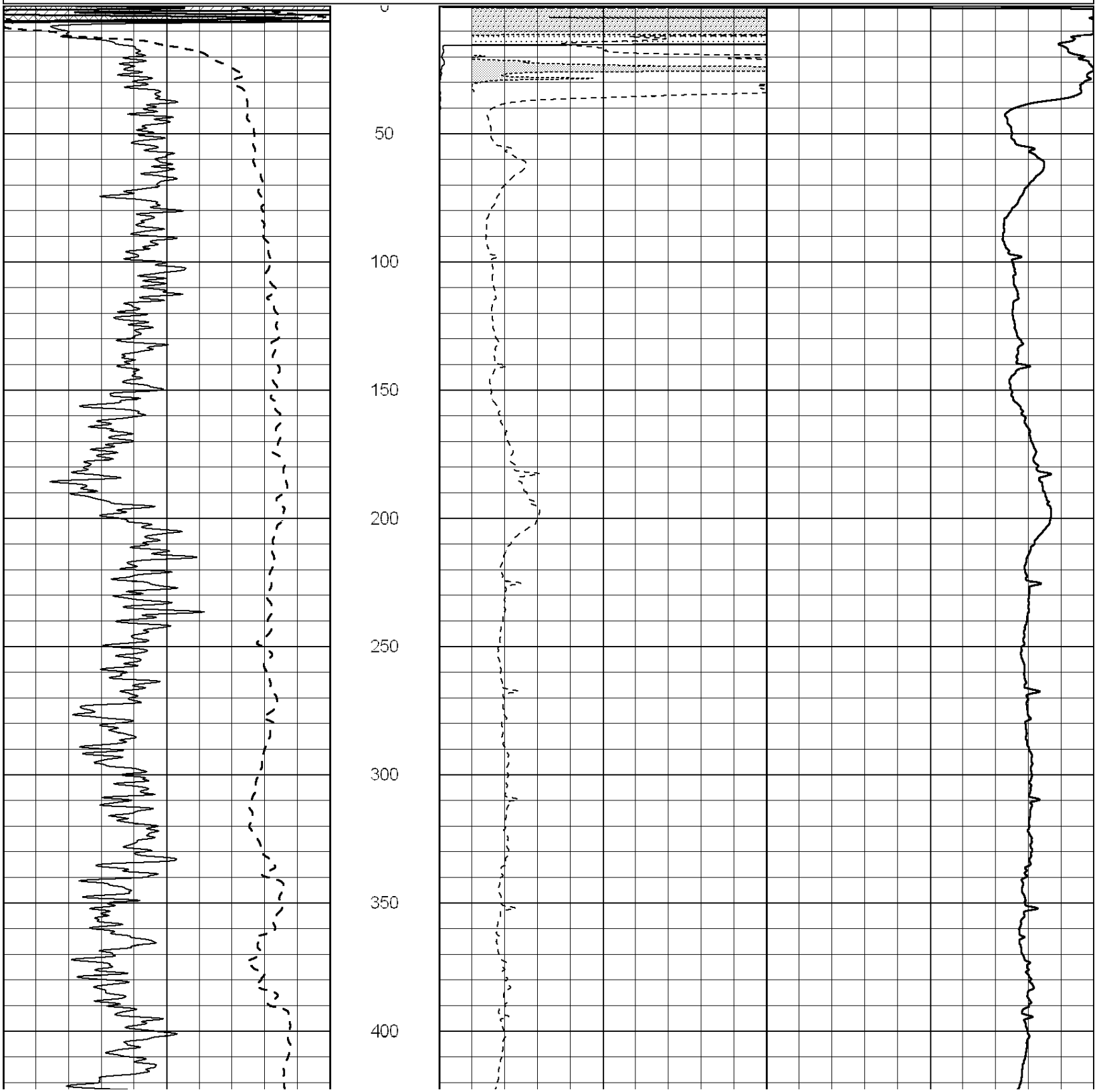
SUPERIOR
Hays,

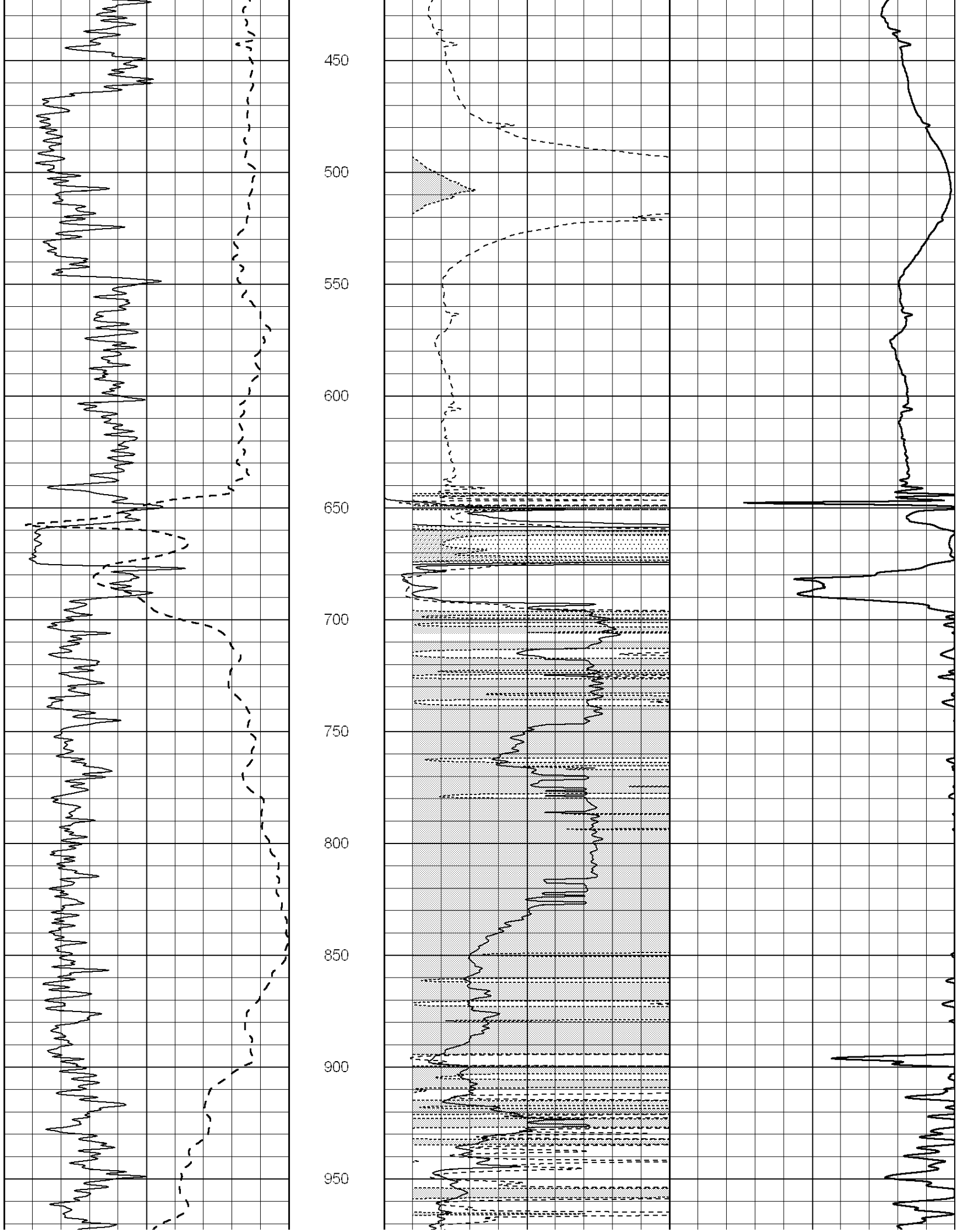
Kansas

Database File:	008487pdn.db
Dataset Pathname:	pass3.A
Presentation Format:	dil2
Dataset Creation:	Wed Feb 29 00:29:48 2012
Charted by:	Depth in Feet scaled 1:600

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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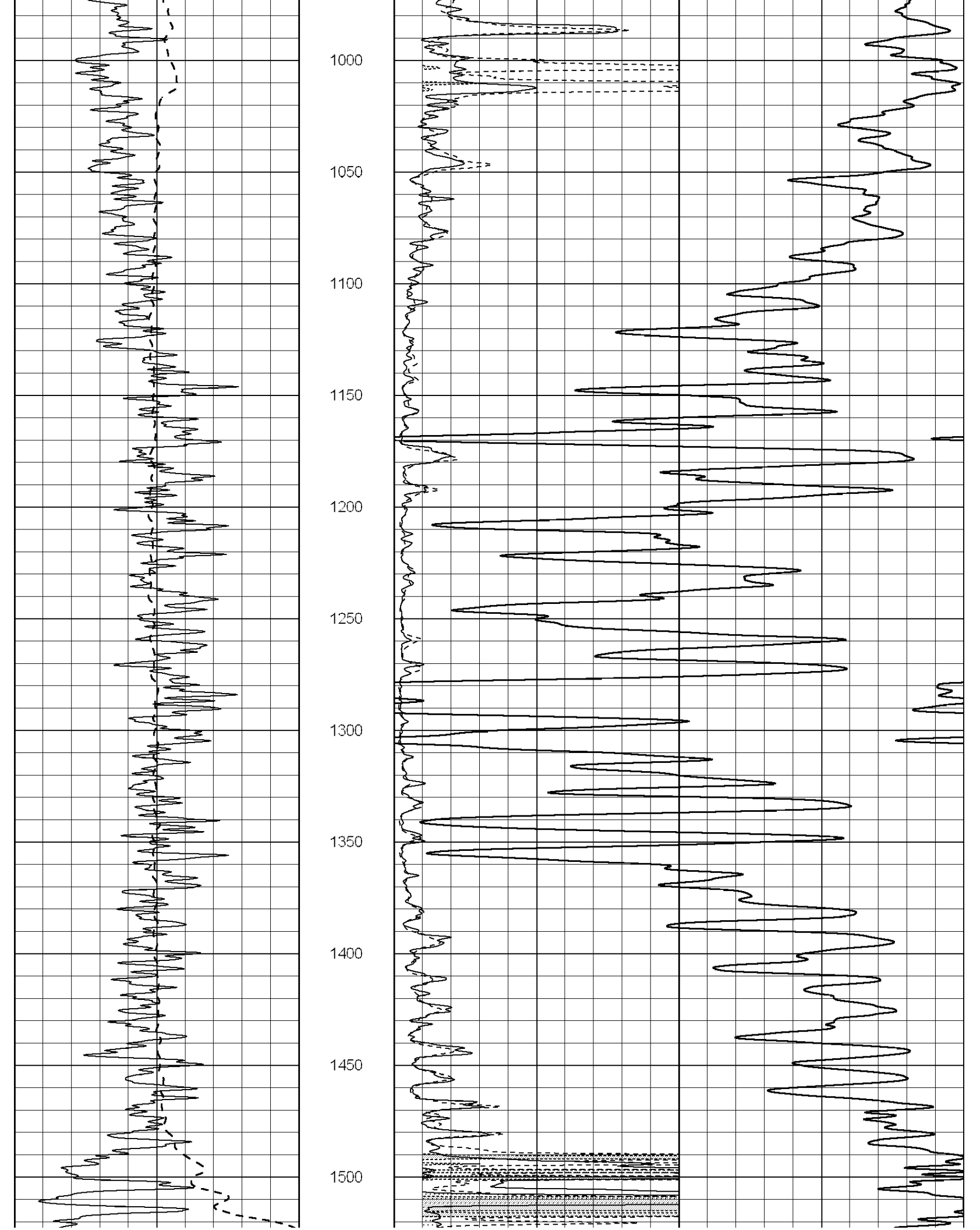
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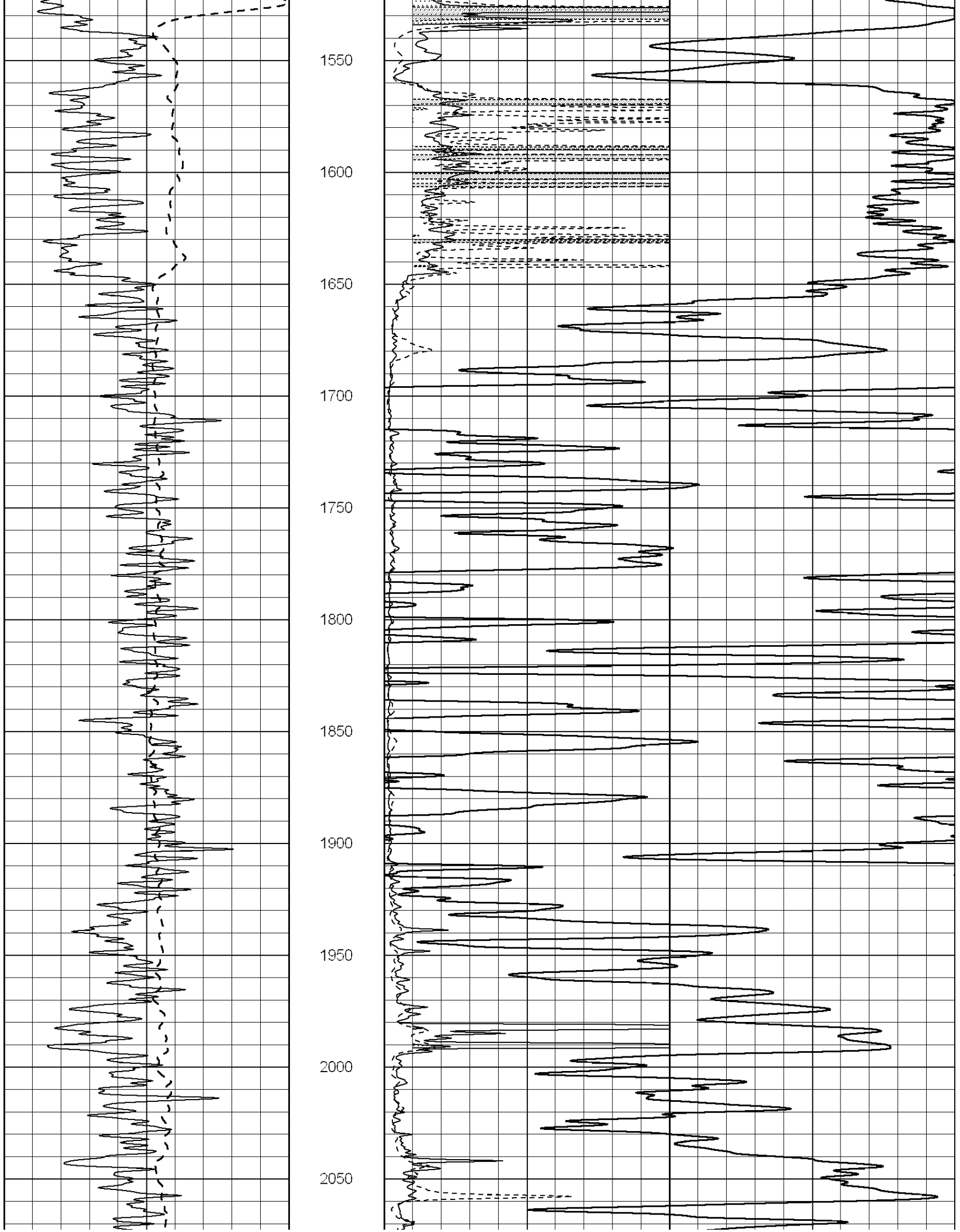
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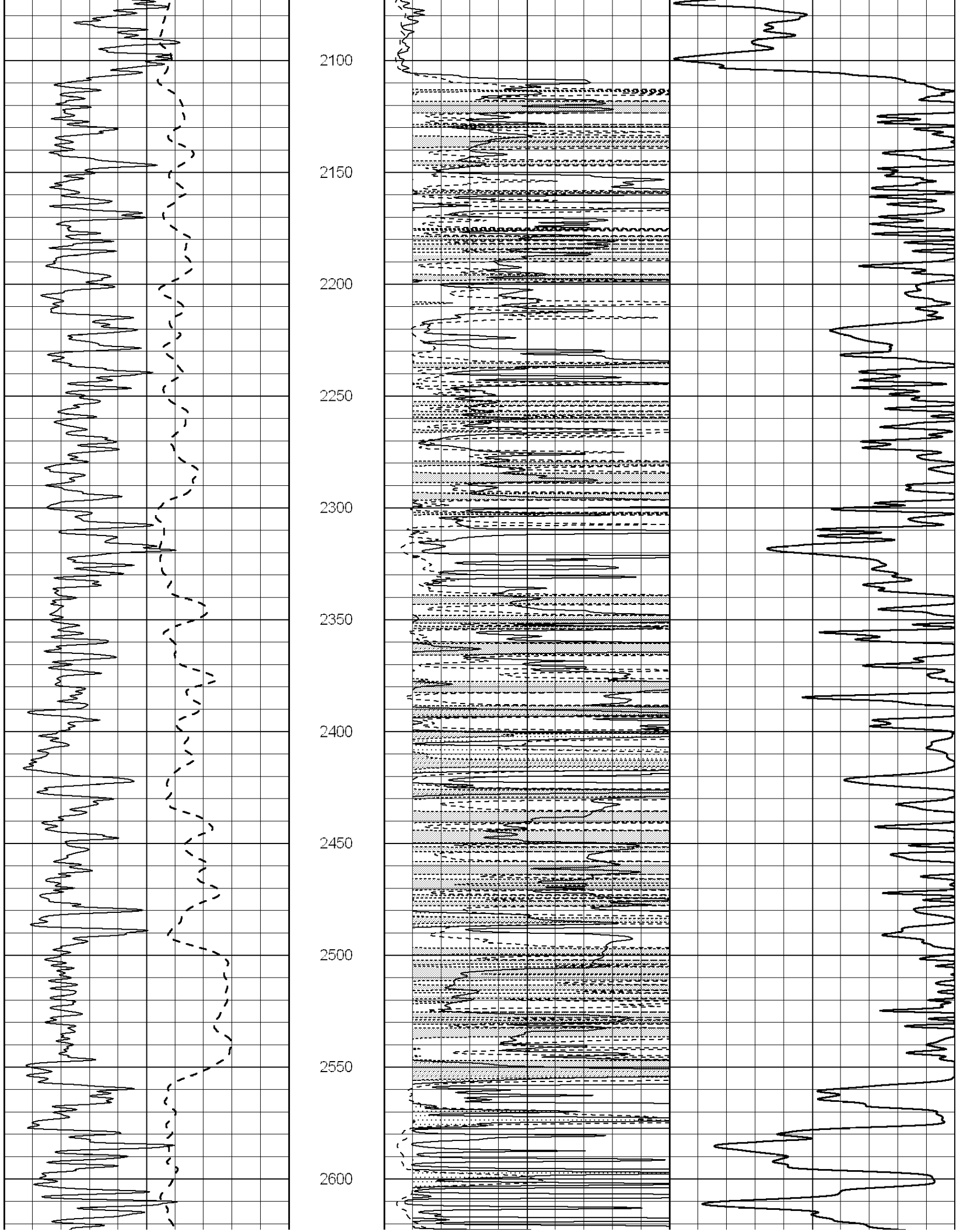
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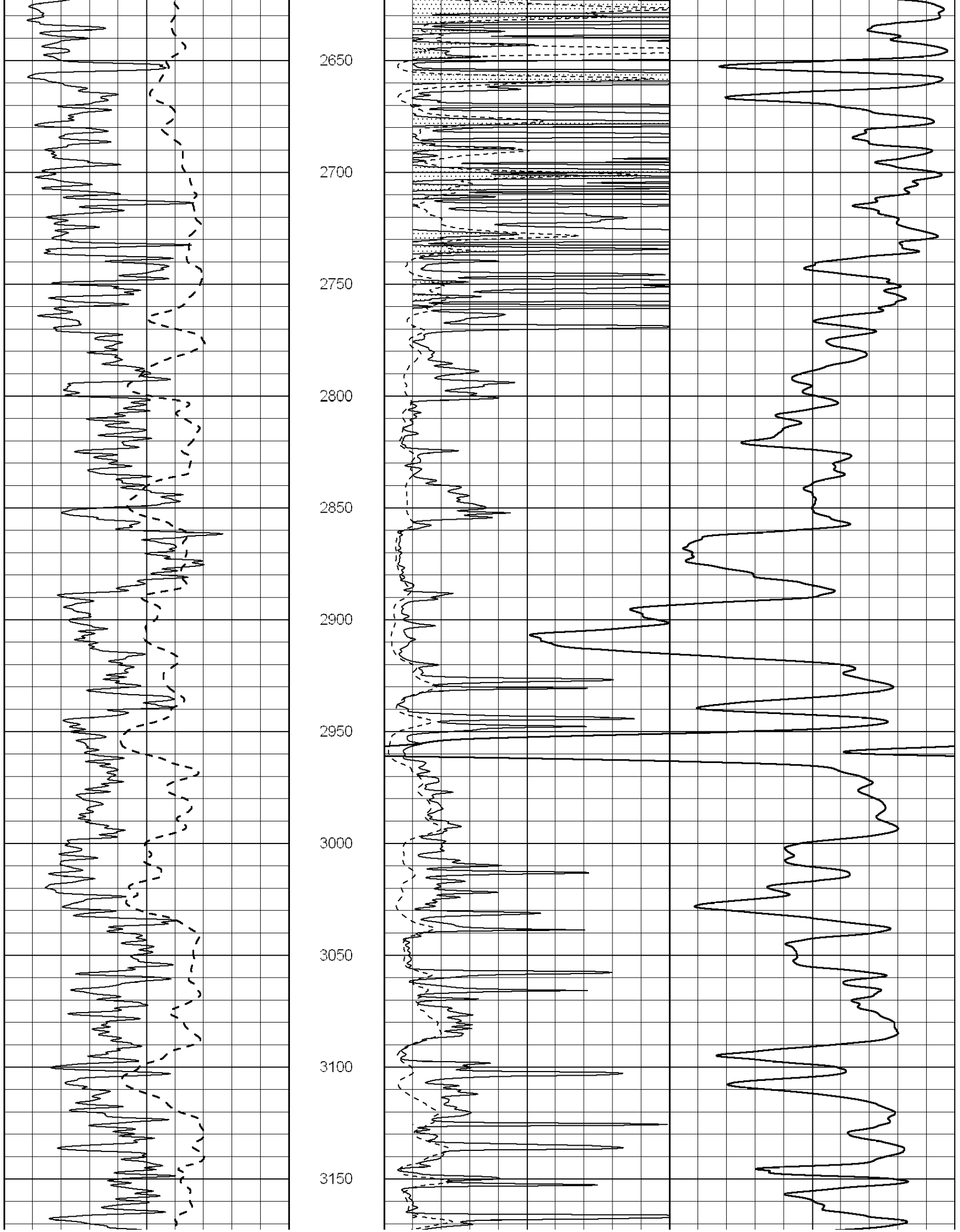
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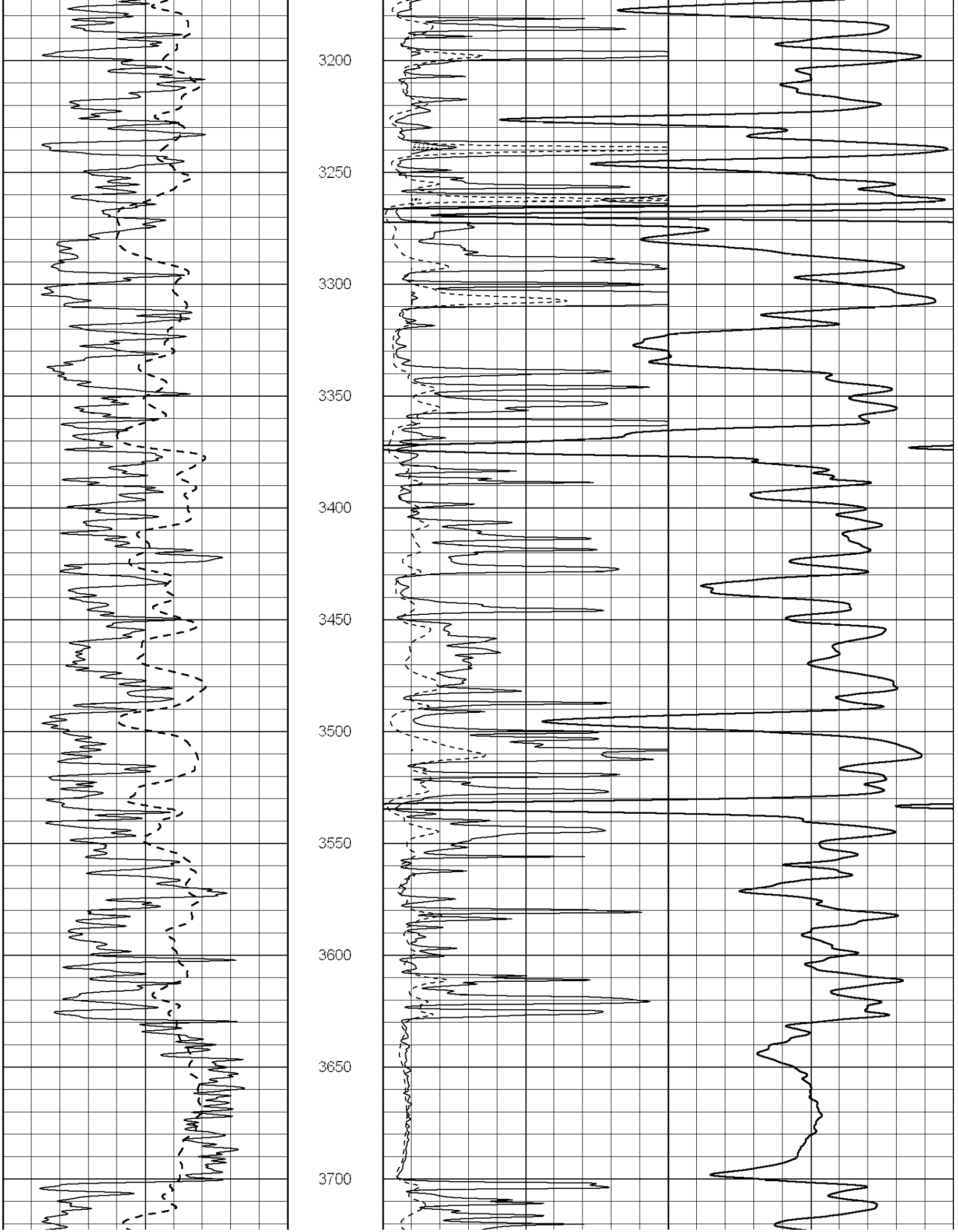
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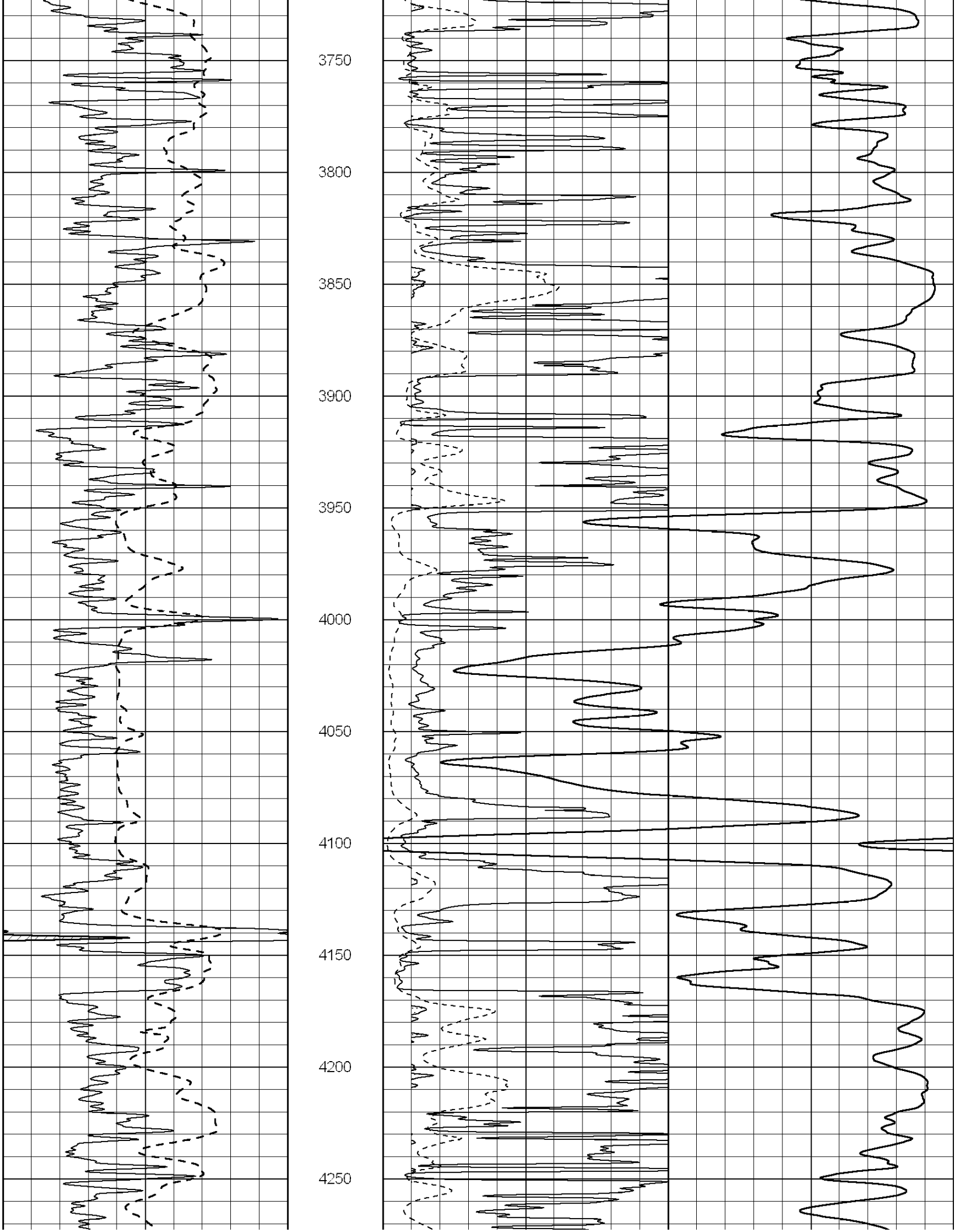
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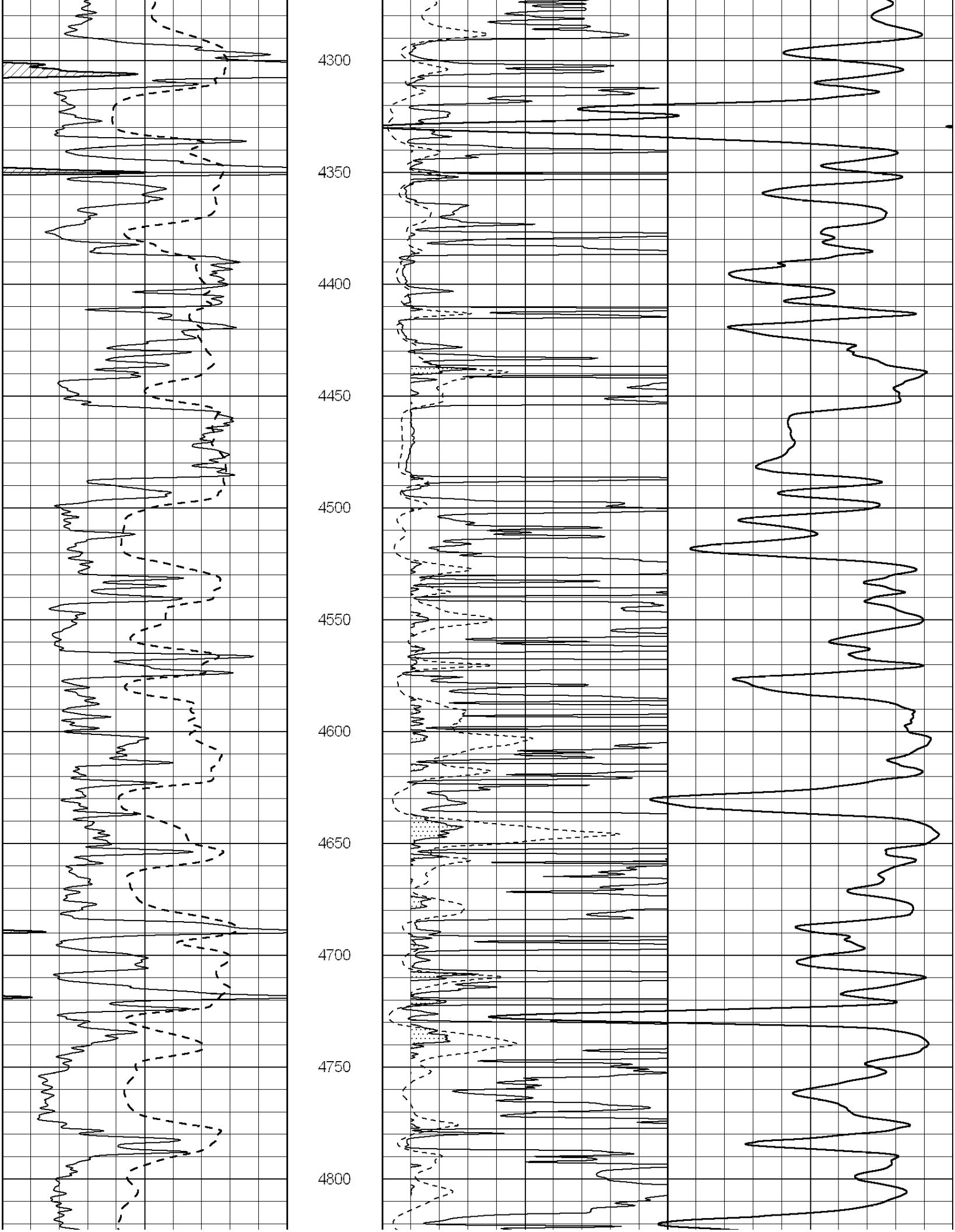
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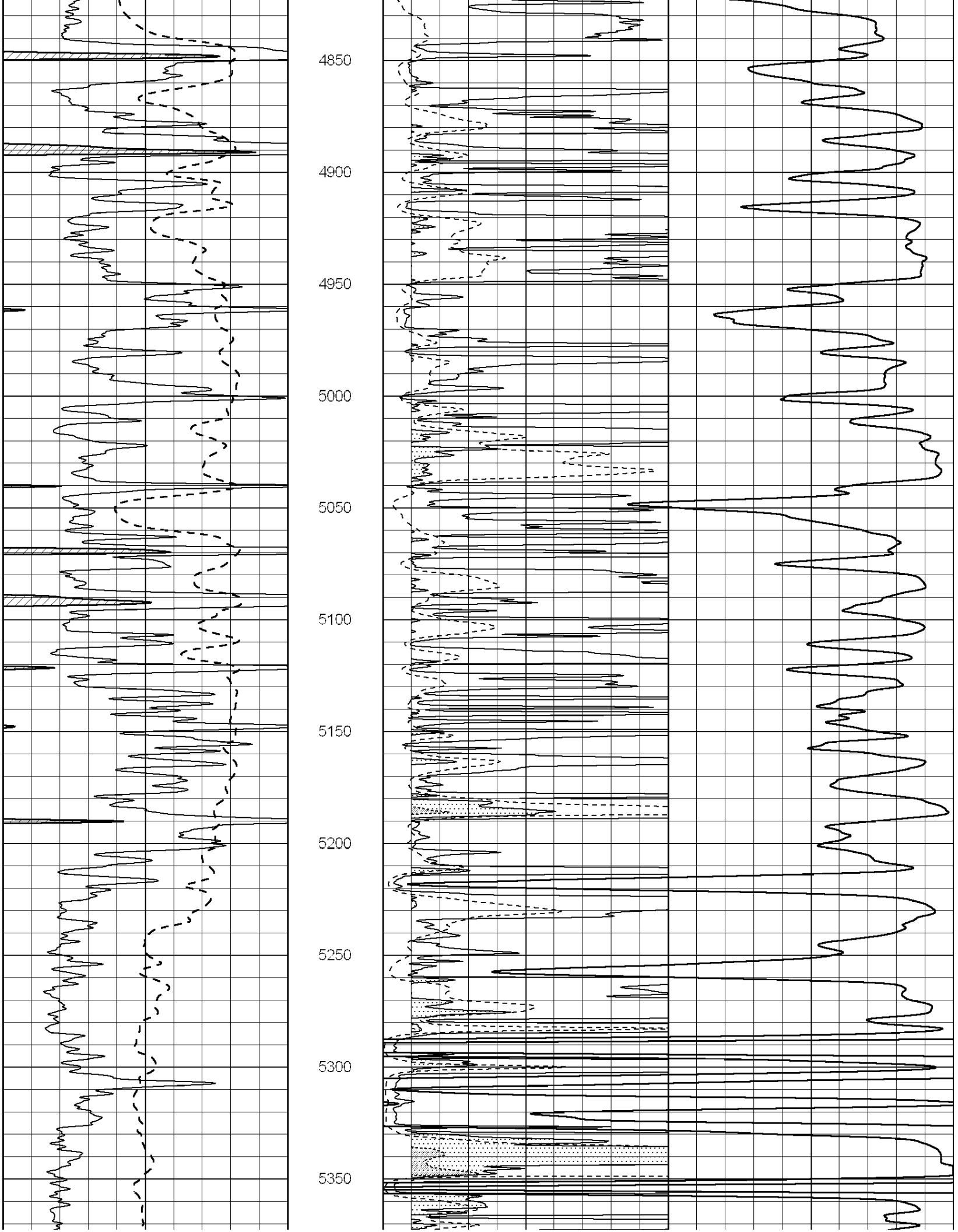
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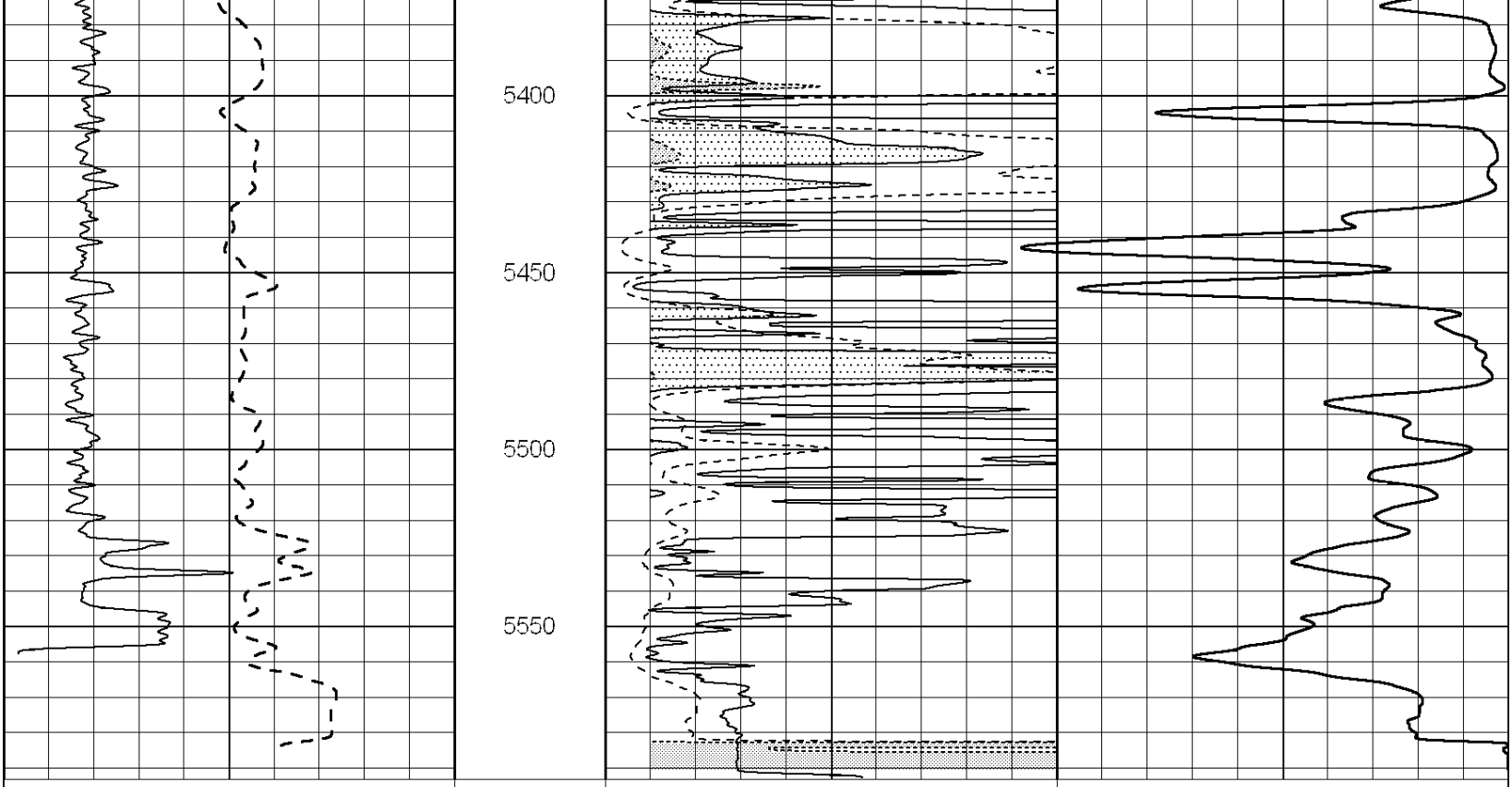


SUPERIOR

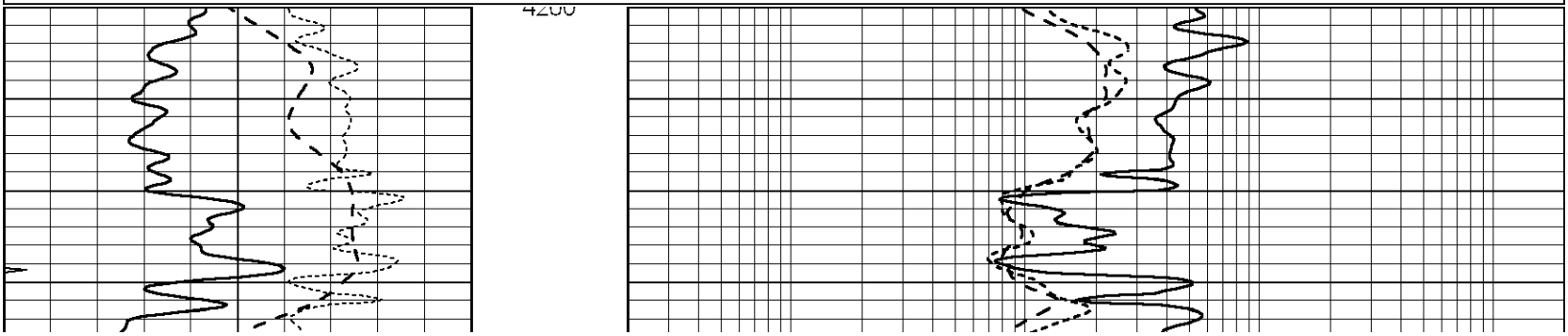
Hays,
Kansas

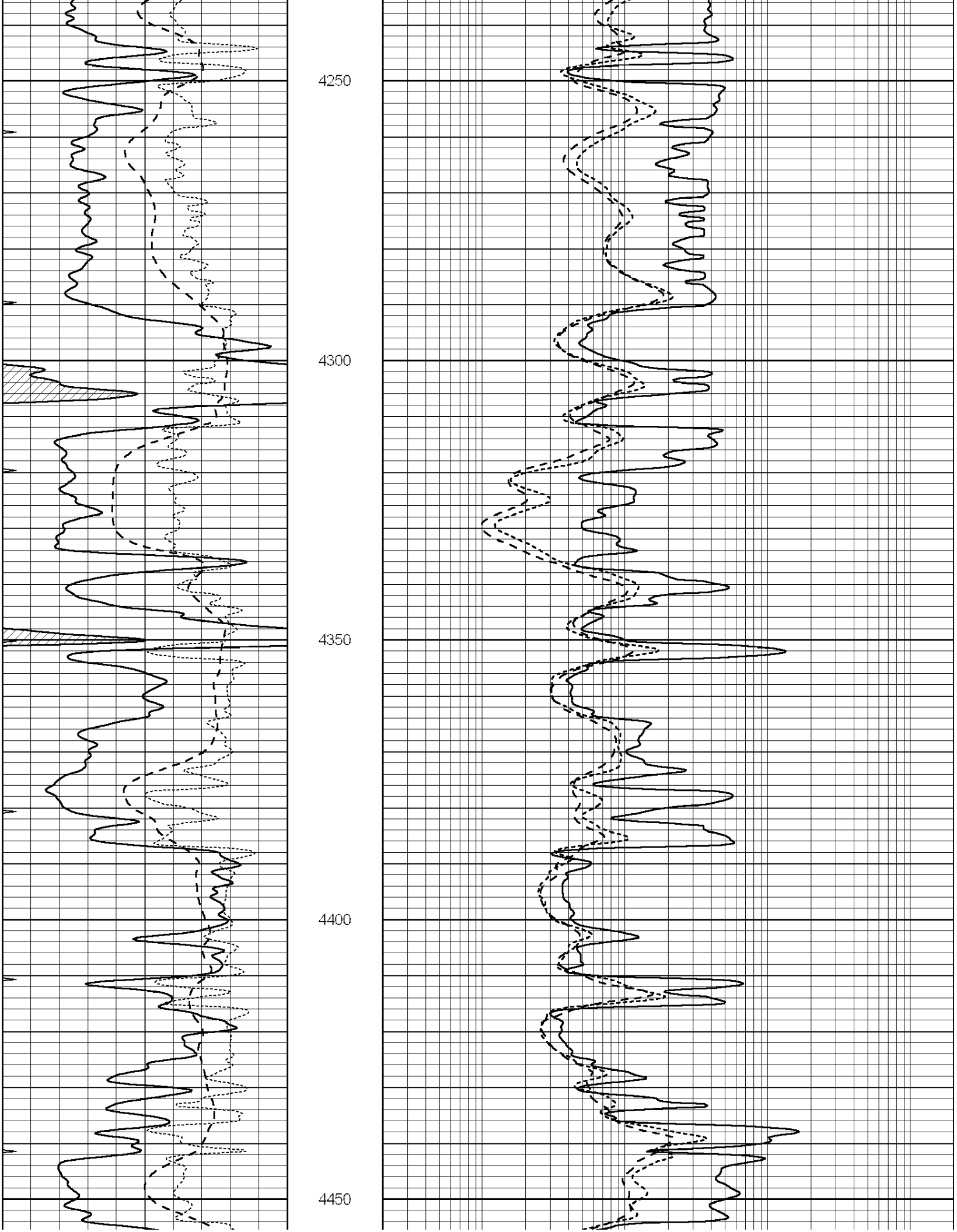
MAIN SECTION

Database File:	008487pdn.db
Dataset Pathname:	pass3.A
Presentation Format:	dil
Dataset Creation:	Wed Feb 29 00:29:48 2012
Charted by:	Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	RxoRt	50
0	MINMK	20

0.2	RLL3 (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000

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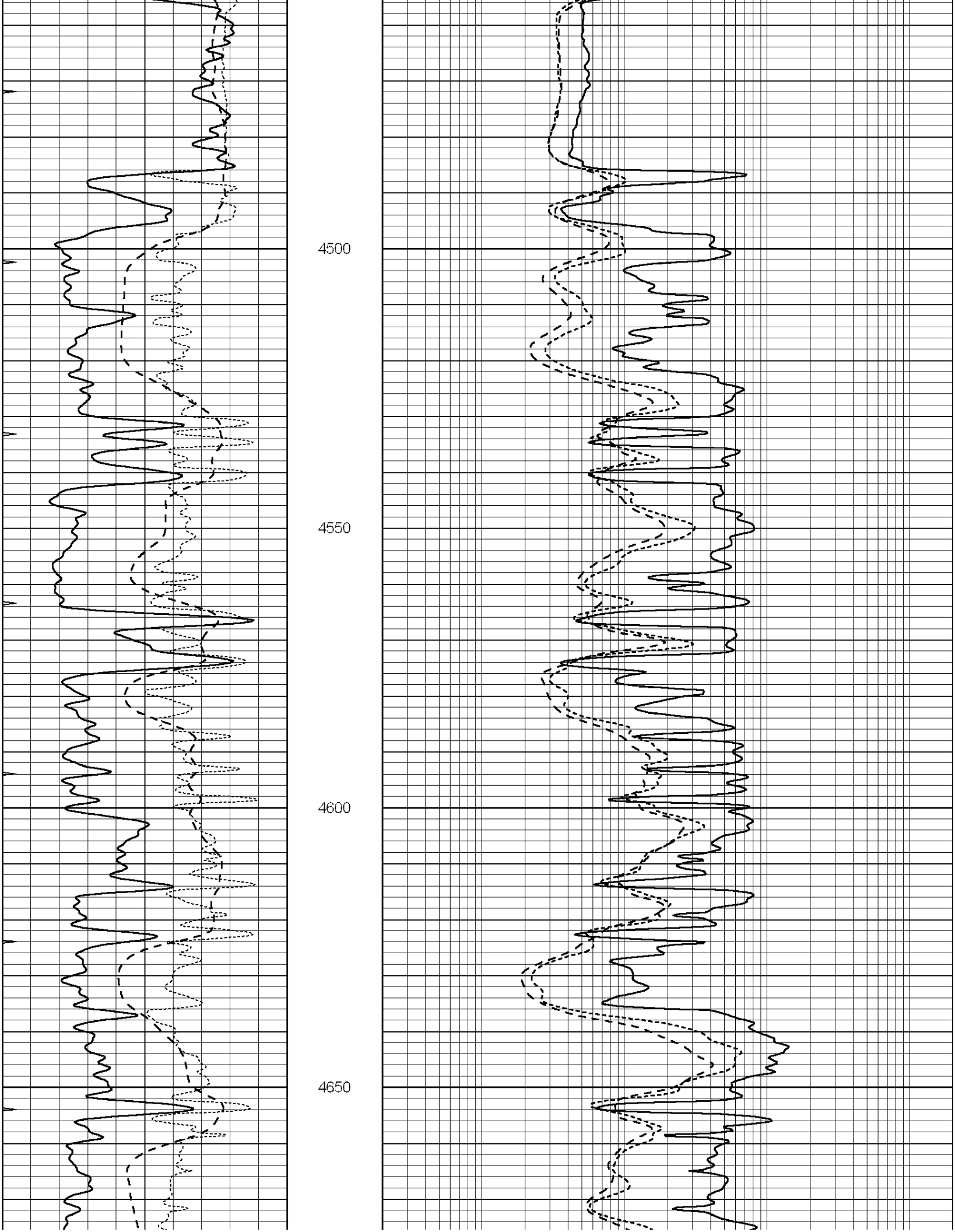
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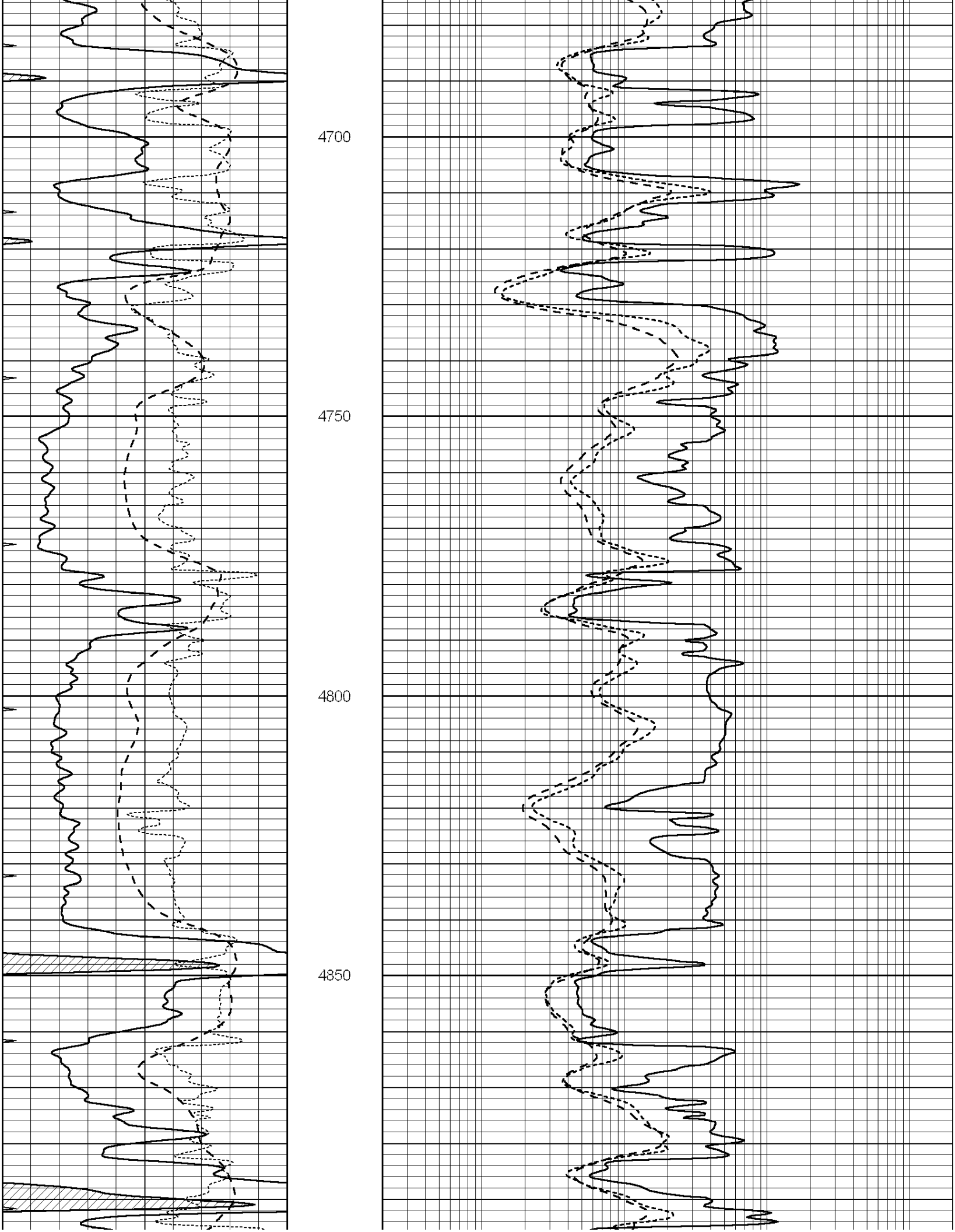
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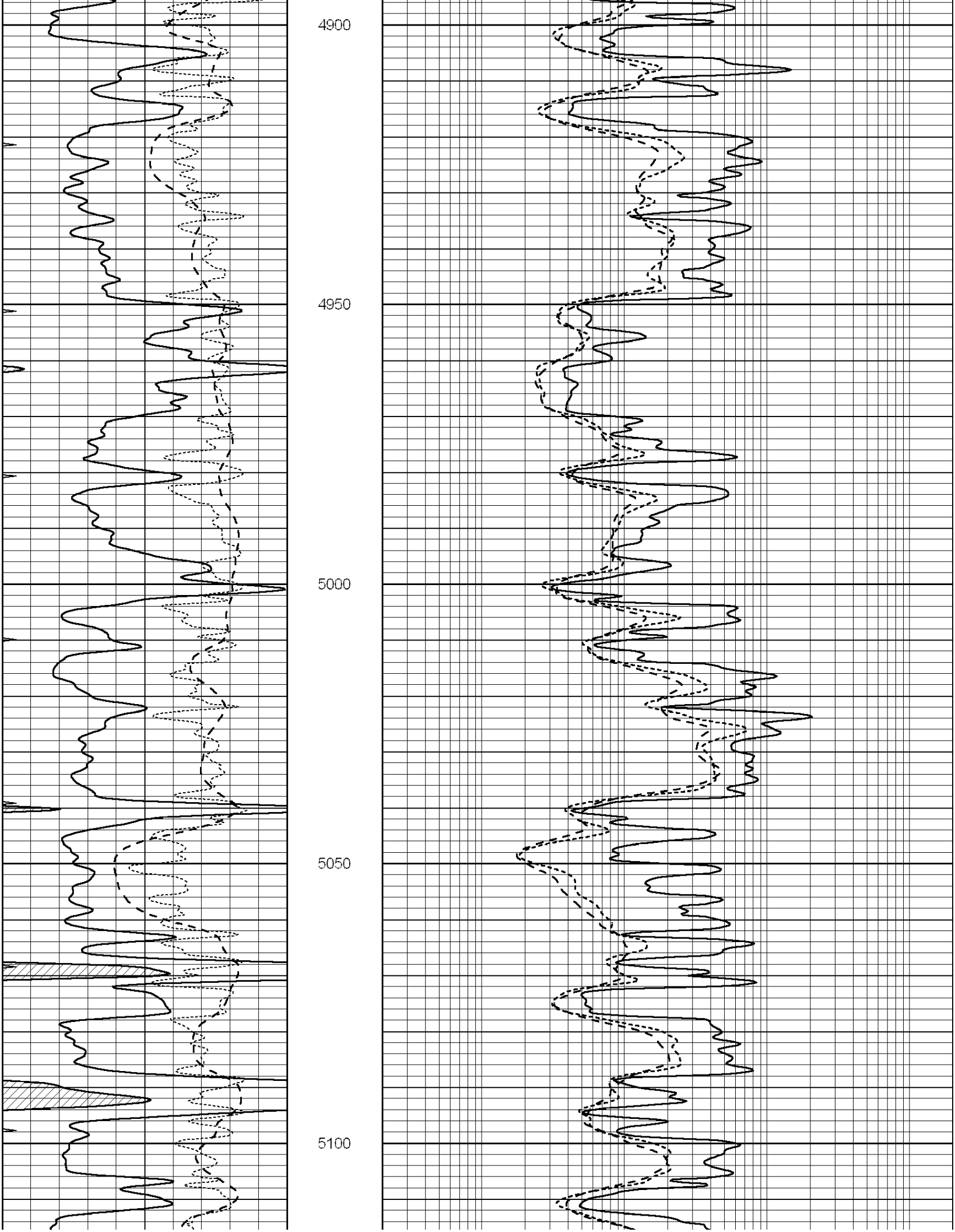
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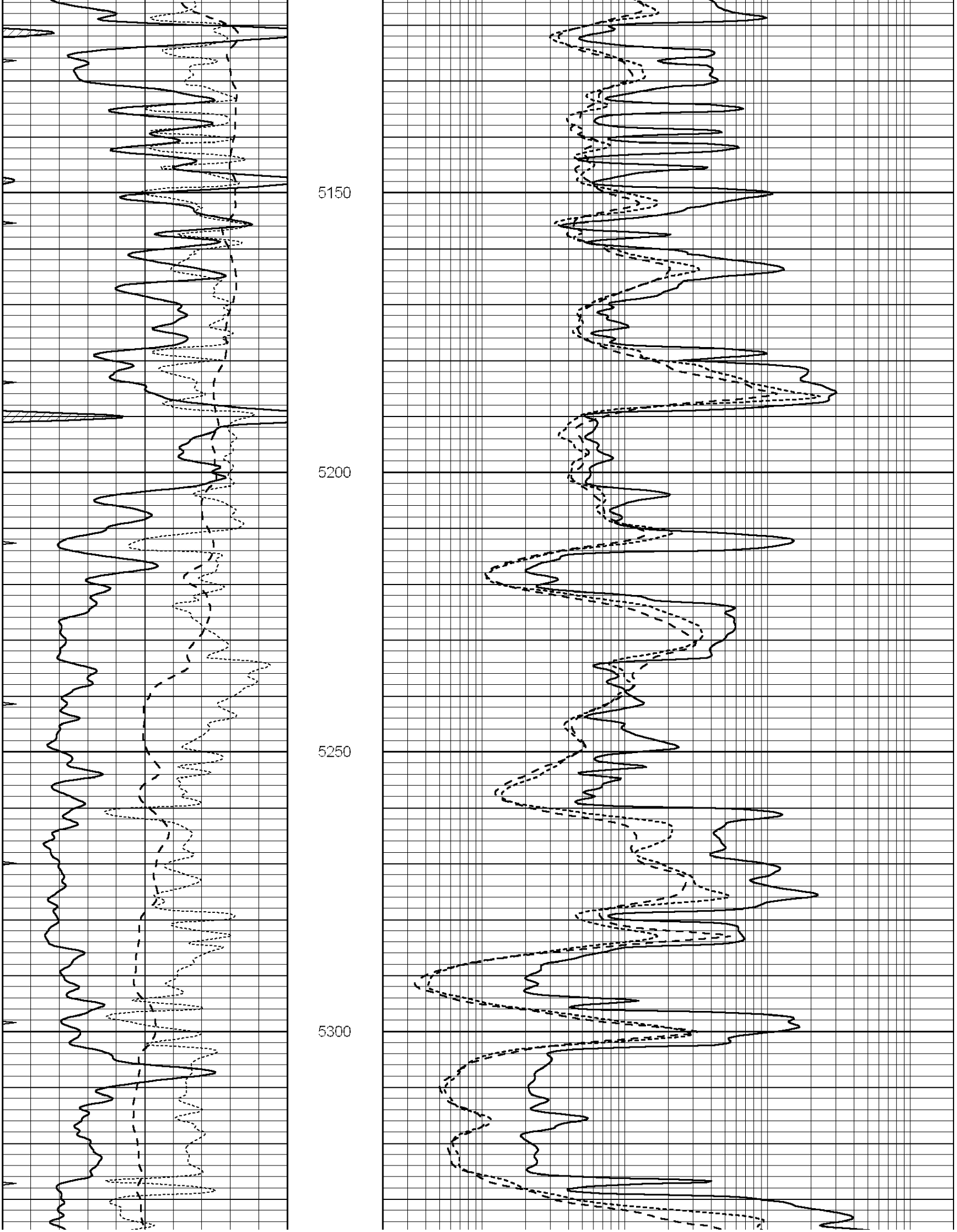
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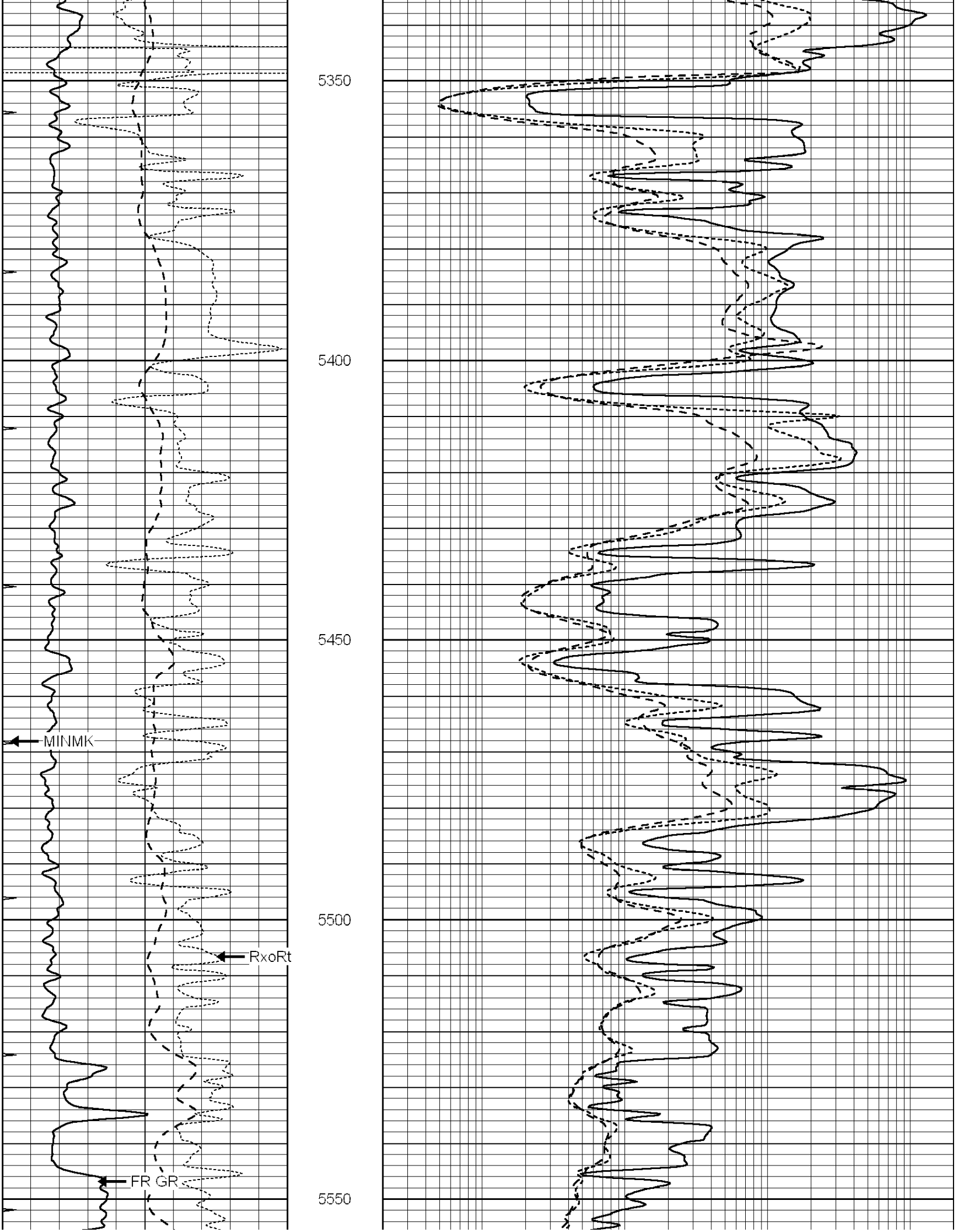
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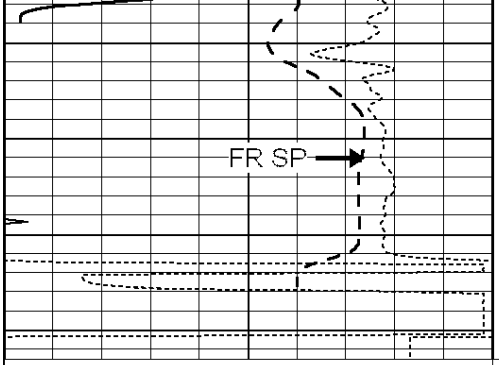

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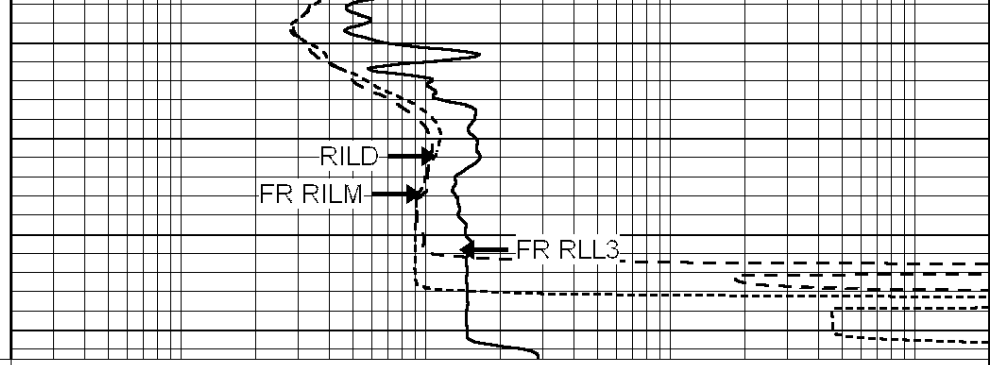


0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	RxoRt	50
0	MINMK	20

0.2	RLL3 (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000

SUPERIOR WELL SERVICES

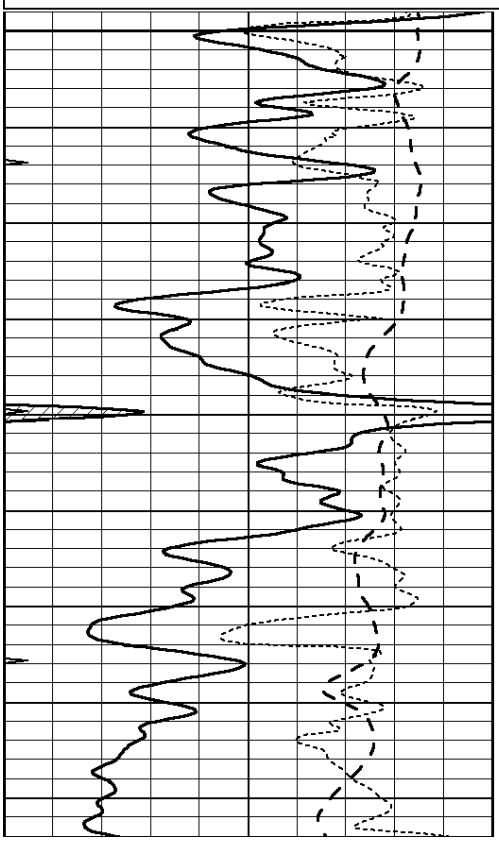
SUPERIOR
Hays,
Kansas

REPEAT SECTION

Database File:	008487pdn.db
Dataset Pathname:	pass2.3
Presentation Format:	dil
Dataset Creation:	Wed Feb 29 00:39:40 2012
Charted by:	Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	RxoRt	50
0	MINMK	20

0.2	RLL3 (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000



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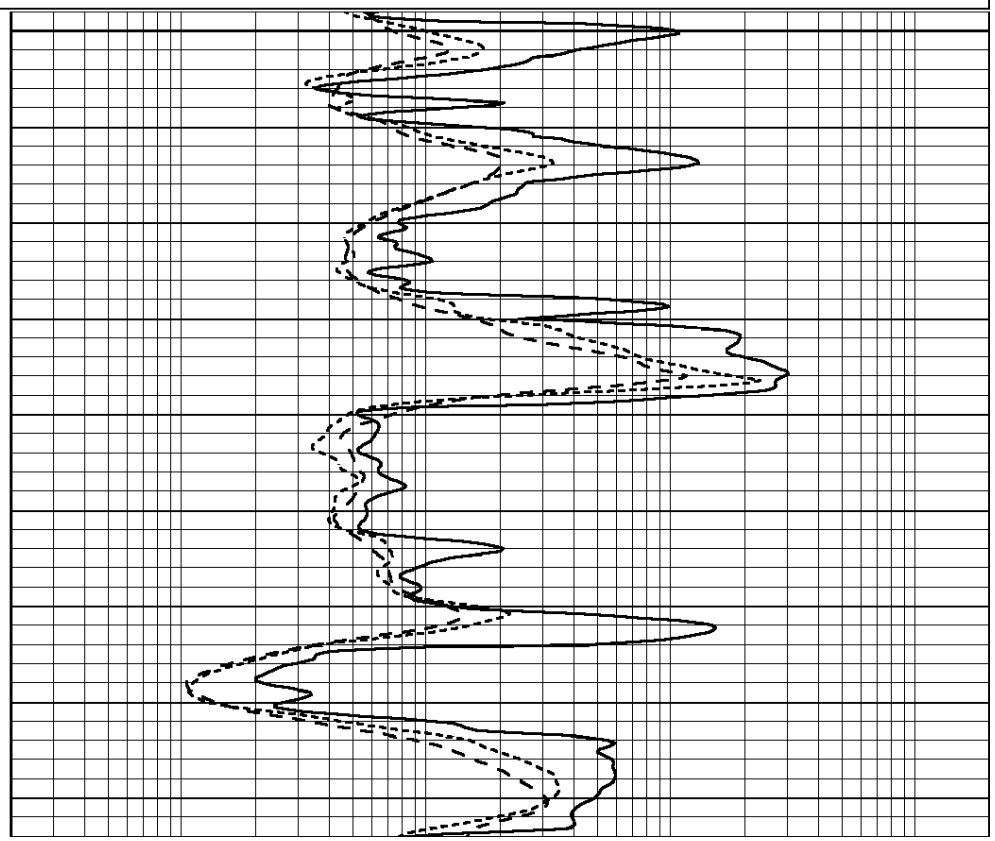

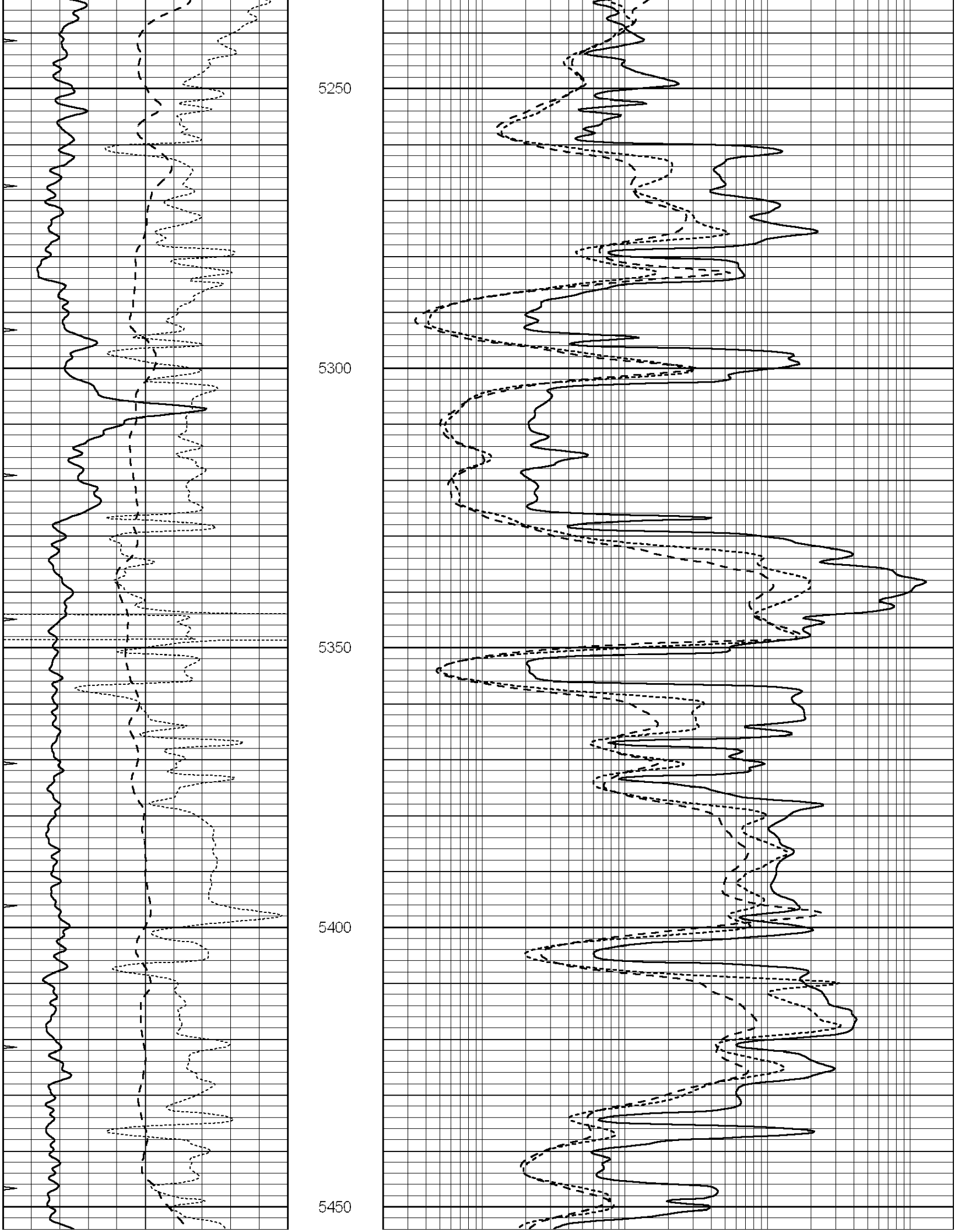
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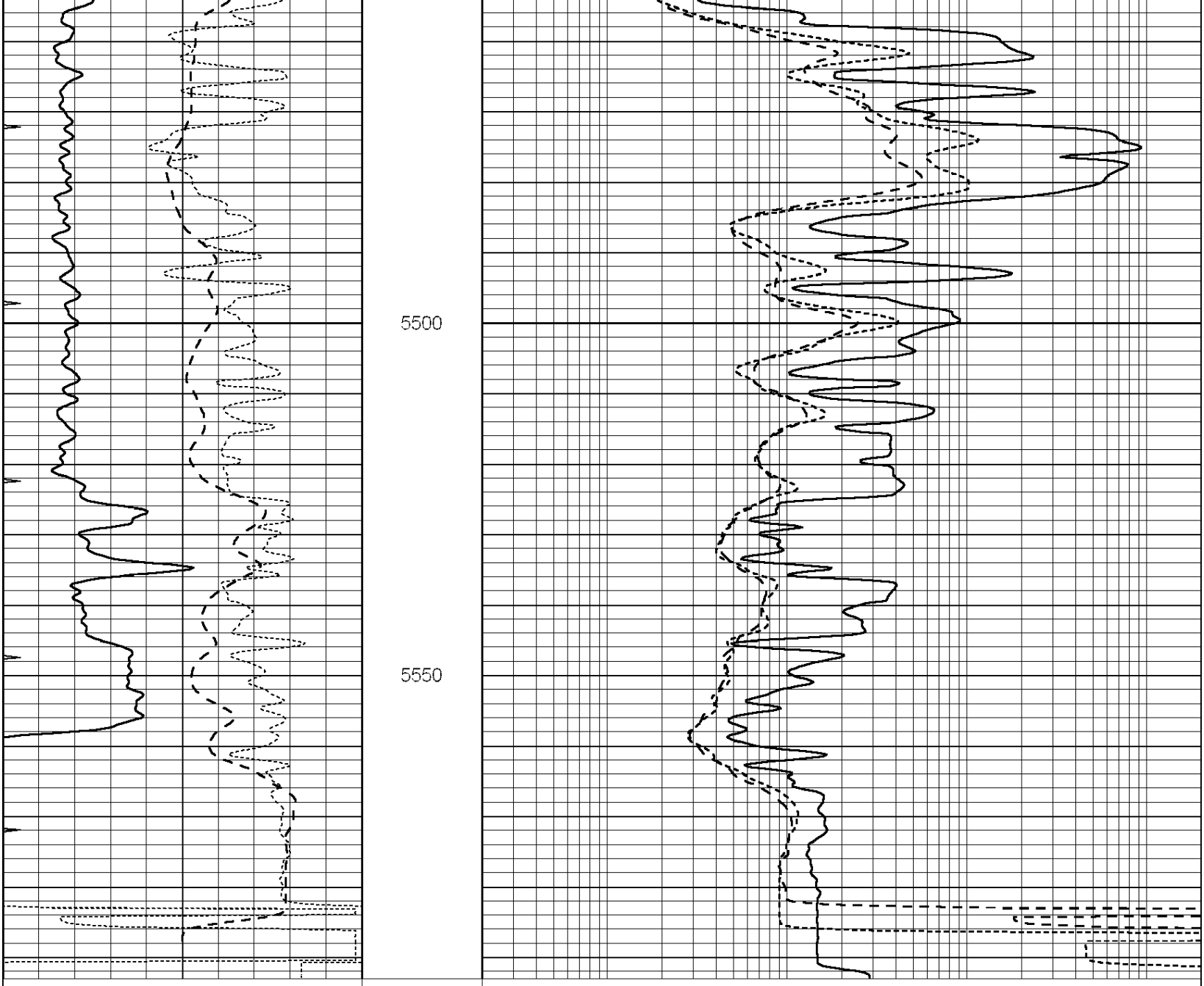

Calibration Report

Database File: 008487pdn.db
Dataset Pathname: pass3.A
Dataset Creation: Wed Feb 29 00:29:48 2012

Dual Induction Calibration Report

Serial-Model:	PROBE9-DILG
Surface Cal Performed:	Tue Feb 28 22:19:59 2012
Downhole Cal Performed:	Mon Jul 28 12:02:56 2008
After Survey Verification Performed:	Mon Jul 28 12:02:56 2008

Surface Calibration

	Readings		References		Results	
Loop:	Air	Loop	Air	Loop	m	b

Loop:	Air	Loop		Air	Loop		m	b
Deep	-0.014	0.629	V	0.000	400.000	mmho/m	580.000	-15.000
Medium	0.039	0.728	V	0.000	464.000	mmho/m	580.000	-18.000

Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.011	0.610	V	0.000	400.000	mmho/m	667.135	-7.256
Medium	0.005	0.712	V	0.000	464.000	mmho/m	655.677	-3.102

Downhole Calibration

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	14.508	388.384	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	166.367	504.400	mmho/m	1.000	0.000
LL3		7.500	V		1400.000	Ohm-m		
		0.000	V		20.000	Ohm-m		
		-7.200	V		3970.000	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: 002 Model: PRB
Performed Tue Jul 03 11:12:28 2007

Litho Density Calibration

	Background	Magnesium	Aluminum	Sandstone	
Window 1	1059.5	9172.0	2859.6	10210.6	cps
Window 2	976.0	7793.2	2486.1	8515.6	cps
Window 3	689.8	2930.5	1159.0	3096.2	cps
Window 4	231.9	237.2	231.1	234.0	cps
Long Space	0.0	6817.1	1510.1	7539.6	cps
Short Space	1.6	1758.1	1188.6	1898.8	cps
Rho		1.7100	2.5960	1.3800	g/cc
Pe			2.5700	1.5500	

Rib Angle	: 45.4	Rib Slope	: 1.015	Density/Spine Ratio	: 0.569
Spine Angle	: 75.4	Spine Slope	: 3.850	Spine Intercept	: -19.9

Caliper

	Readings	Reference
Low Ref	3.8	8.5
High Ref	4.9	12.0
	Gain: 3.1	Offset: -3.3

Compensated Neutron Calibration Report

Serial Number:	NUE_2I
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:	GR5	
Tool Model:	OPEN	
Performed:	Tue Feb 28 22:21:20 2012	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.7000	GAPI/cps