SUPERIOR
Hays,
Kansas

DUAL INDUCTION LOG

Company VINCENT OIL CORPORATION

Well IMEL #2-5

Field

County FORD State KANSAS

Location: API # : 15-057-20694

2310' FSL & 500' FWL

SEC 5 TWP 29S RGE 22W

Other Services
CDL/CNL/PE
SONIC/MEL

Elevation
K.B. 2525
D.F.
G.L. 2513

Permanent Datum GROUND LEVEL Elevation 2513
Log Measured From KELLY BUSHING 12' A.G.L.
Drilling Measured From KELLY BUSHING

Company VINCENT OIL CORPORATION
Well IMEL #2-5
Field
County FORD
State KANSAS

Date	8-31-10		
Run Number	ONE		
Depth Driller	5450		
Depth Logger	5456		
Bottom Logged Interval	5454		
Top Log Interval	00		
Casing Driller	607		
Casing Logger	605		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES: 14,000 ppm	
Density / Viscosity	9.5 / 59		
pH / Fluid Loss	9.0 / 13.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.30 @ 91F		
Rmf @ Meas. Temp	0.23 @ 91F		
Rmc @ Meas. Temp	0.36 @ 91F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	.210 @ 129F		
Time Circulation Stopped	3 HOURS		
Time Logger on Bottom	9:00 A.M.		
Maximum Recorded Temperature	129F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	KEN LeBLANCK		

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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

SUPERIOR WELL SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: KINGSDOWN, 2N ON BLACKTOP, 1/4E INTO.

MAIN SECTION

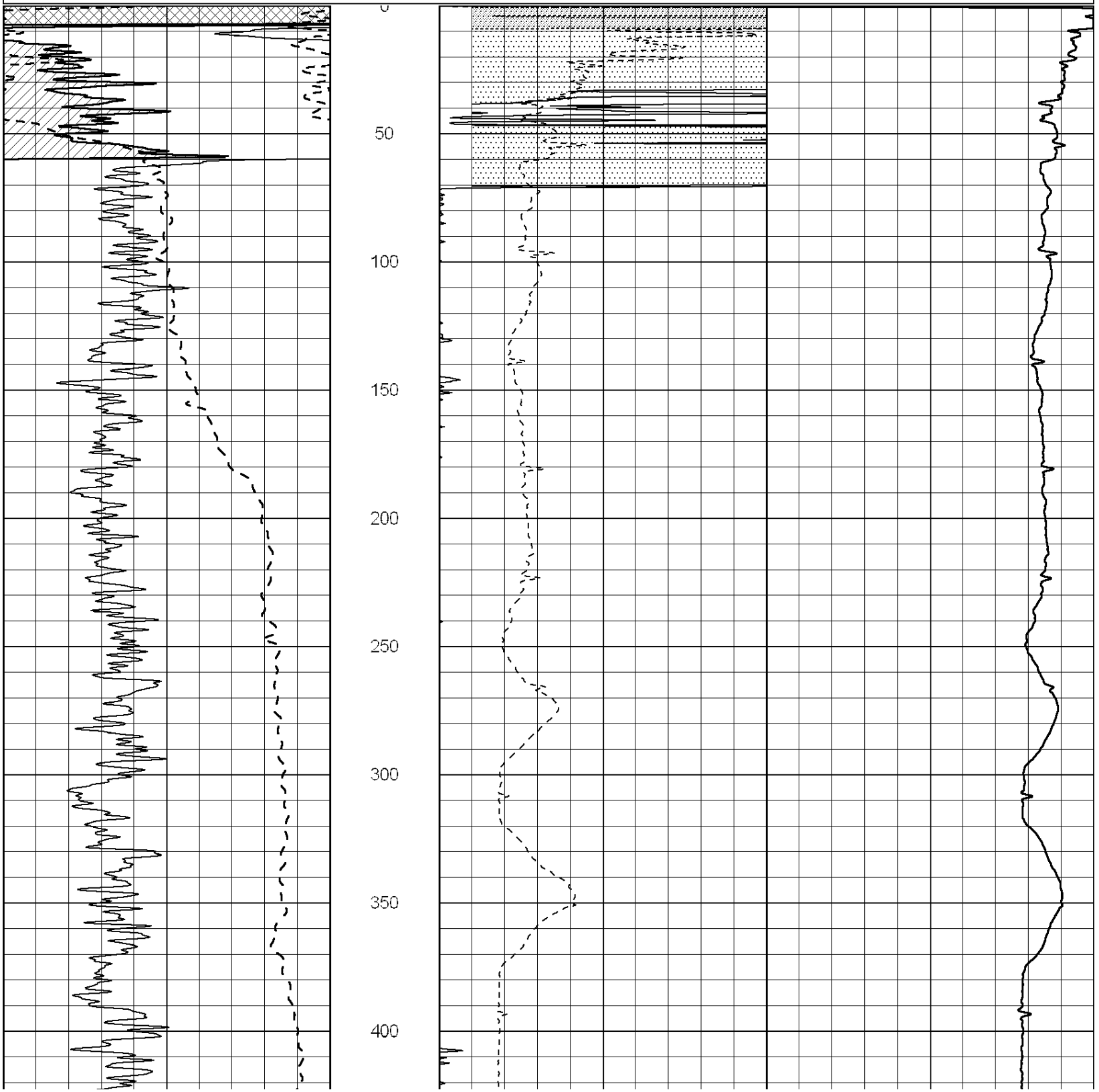
SUPERIOR
Hays,

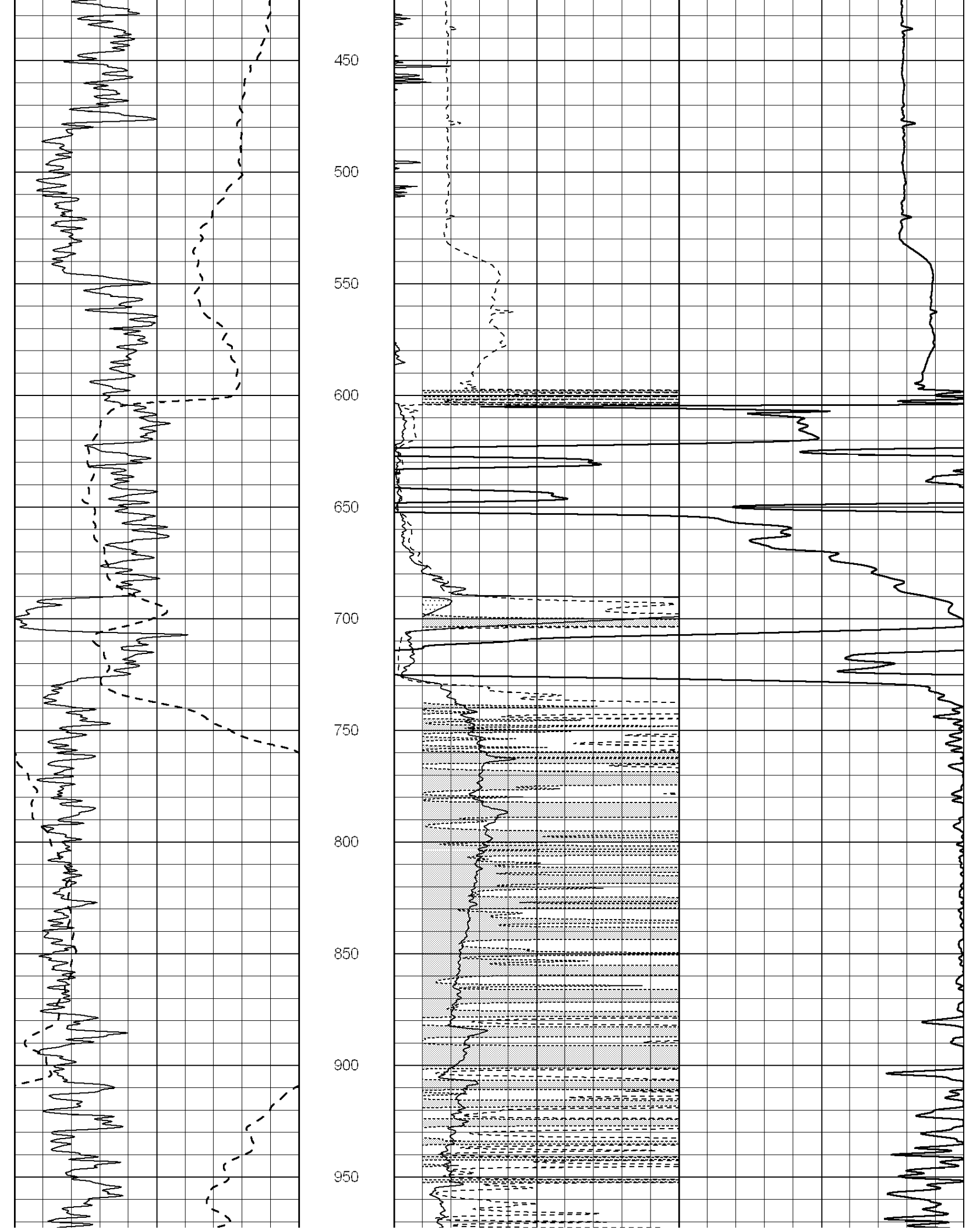
Kansas

Database File: 005652pdn.db
Dataset Pathname: pass3.1A
Presentation Format: dil2
Dataset Creation: Tue Aug 31 11:22:00 2010 by Calc Open-Cased 090629
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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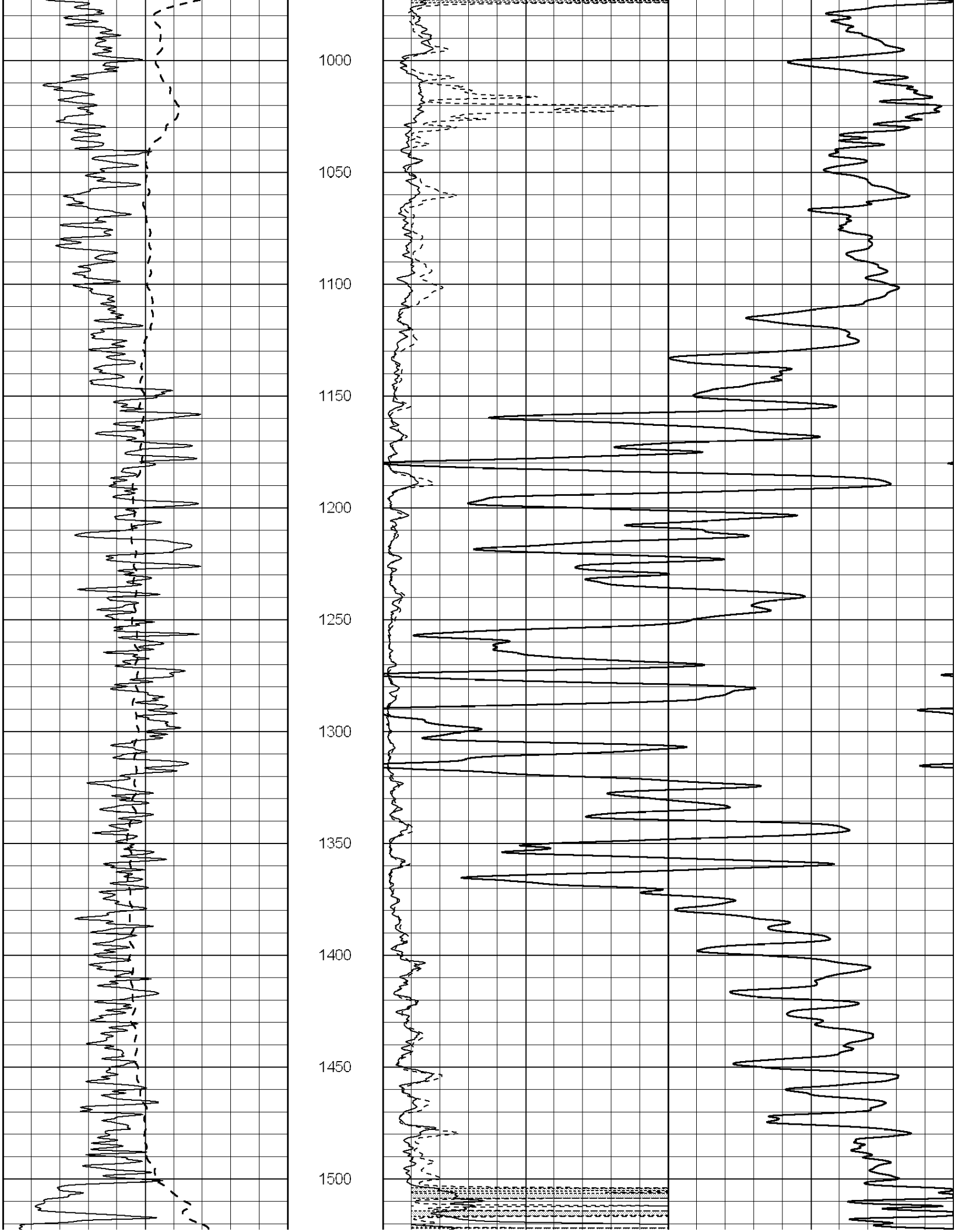
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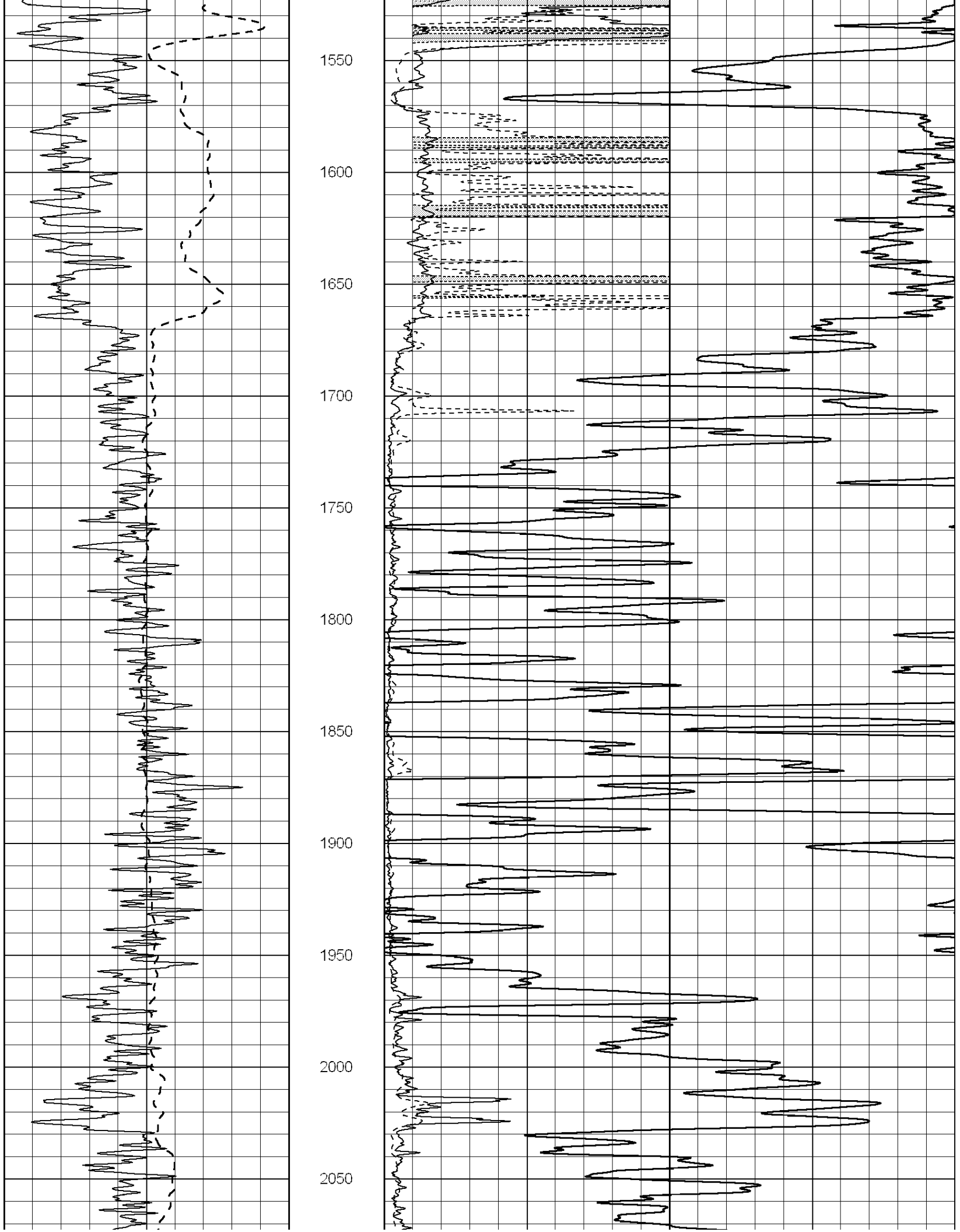
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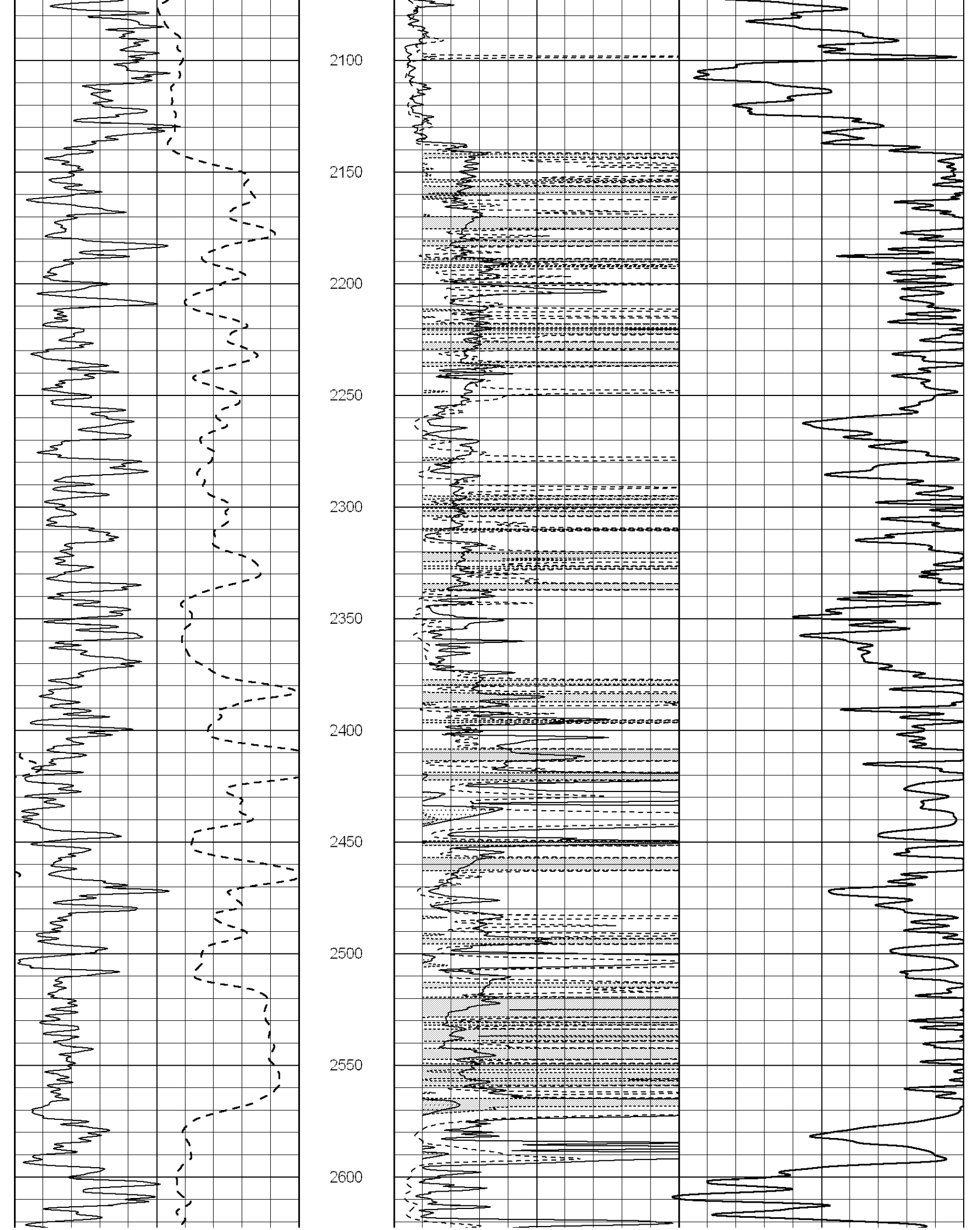
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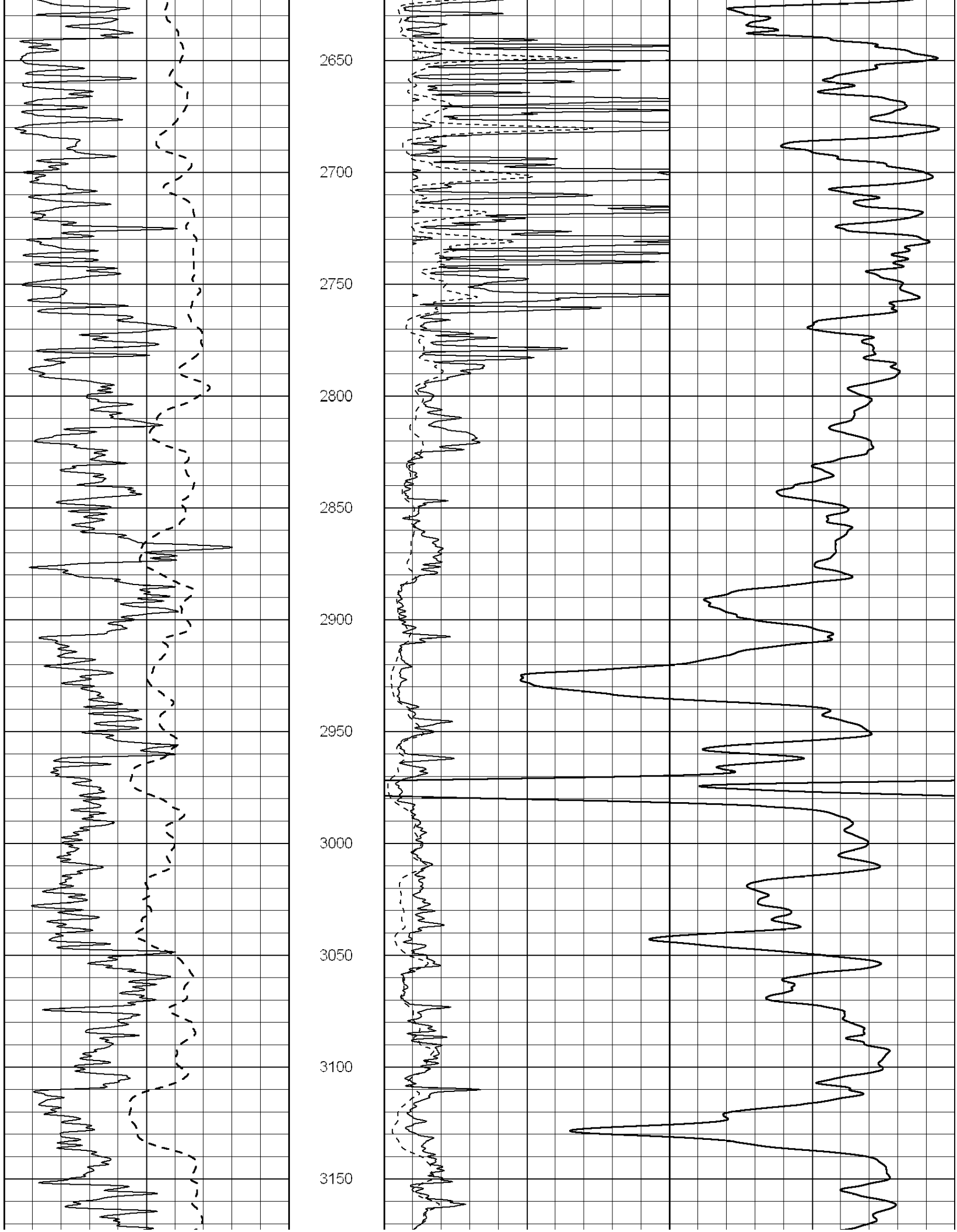
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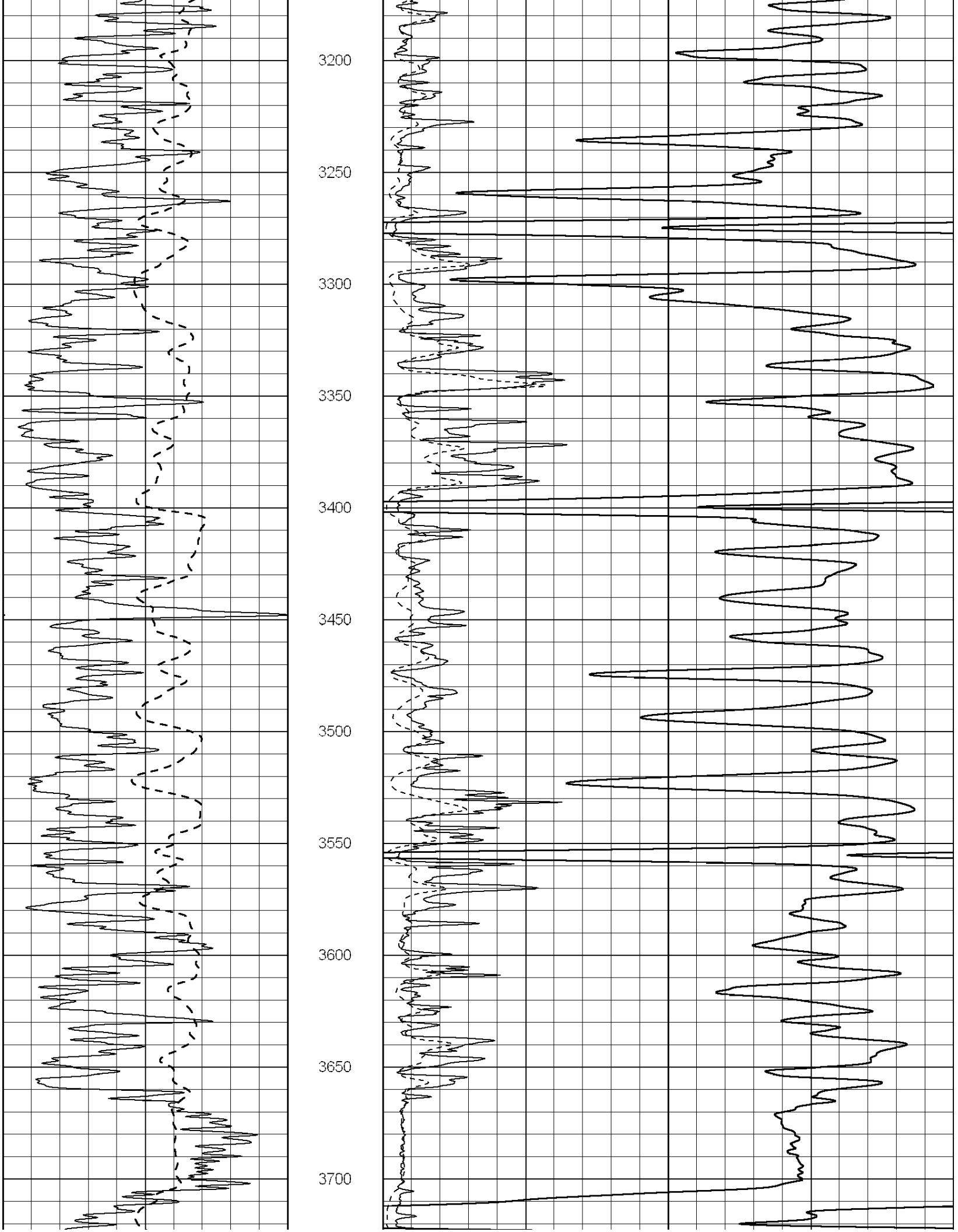
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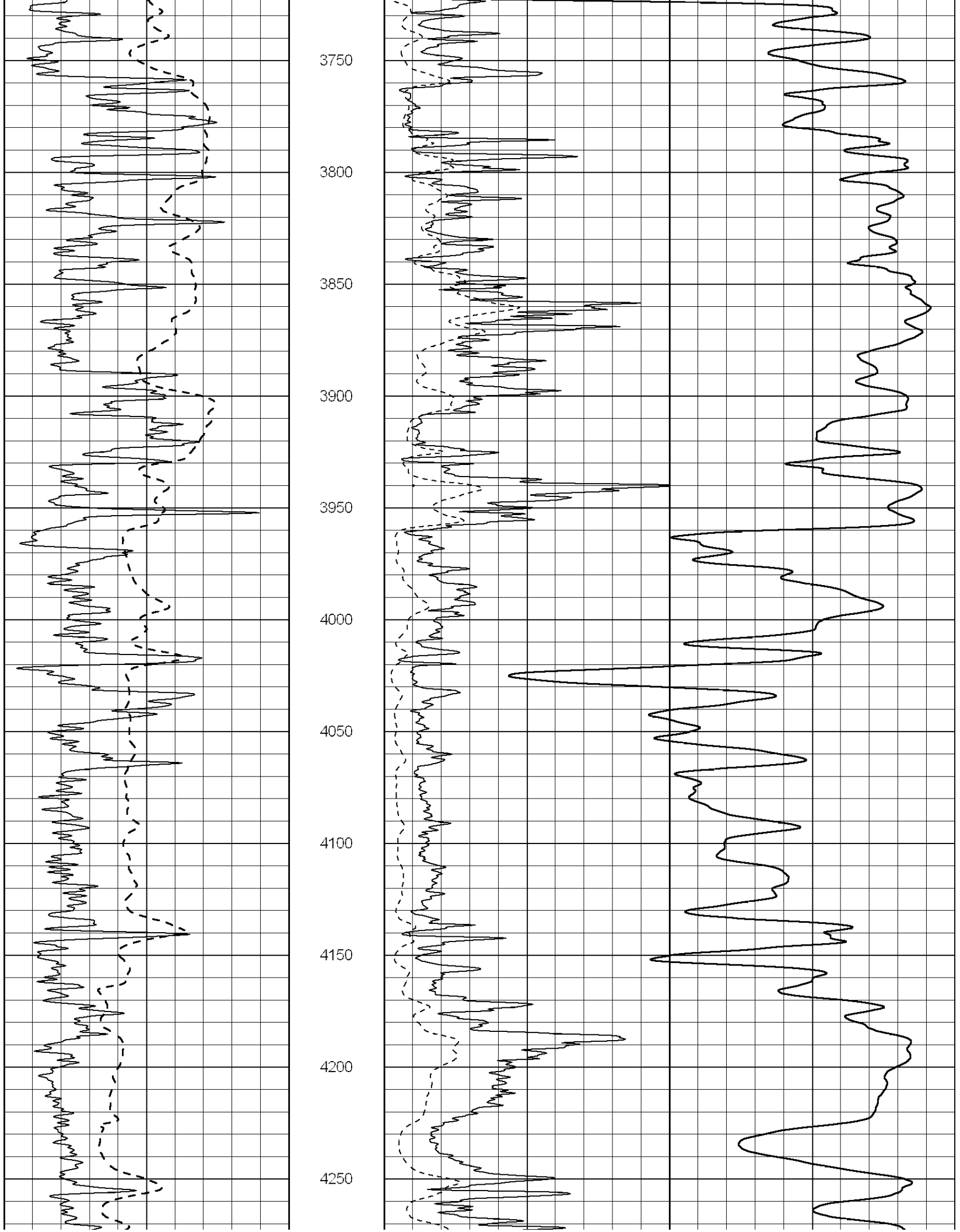
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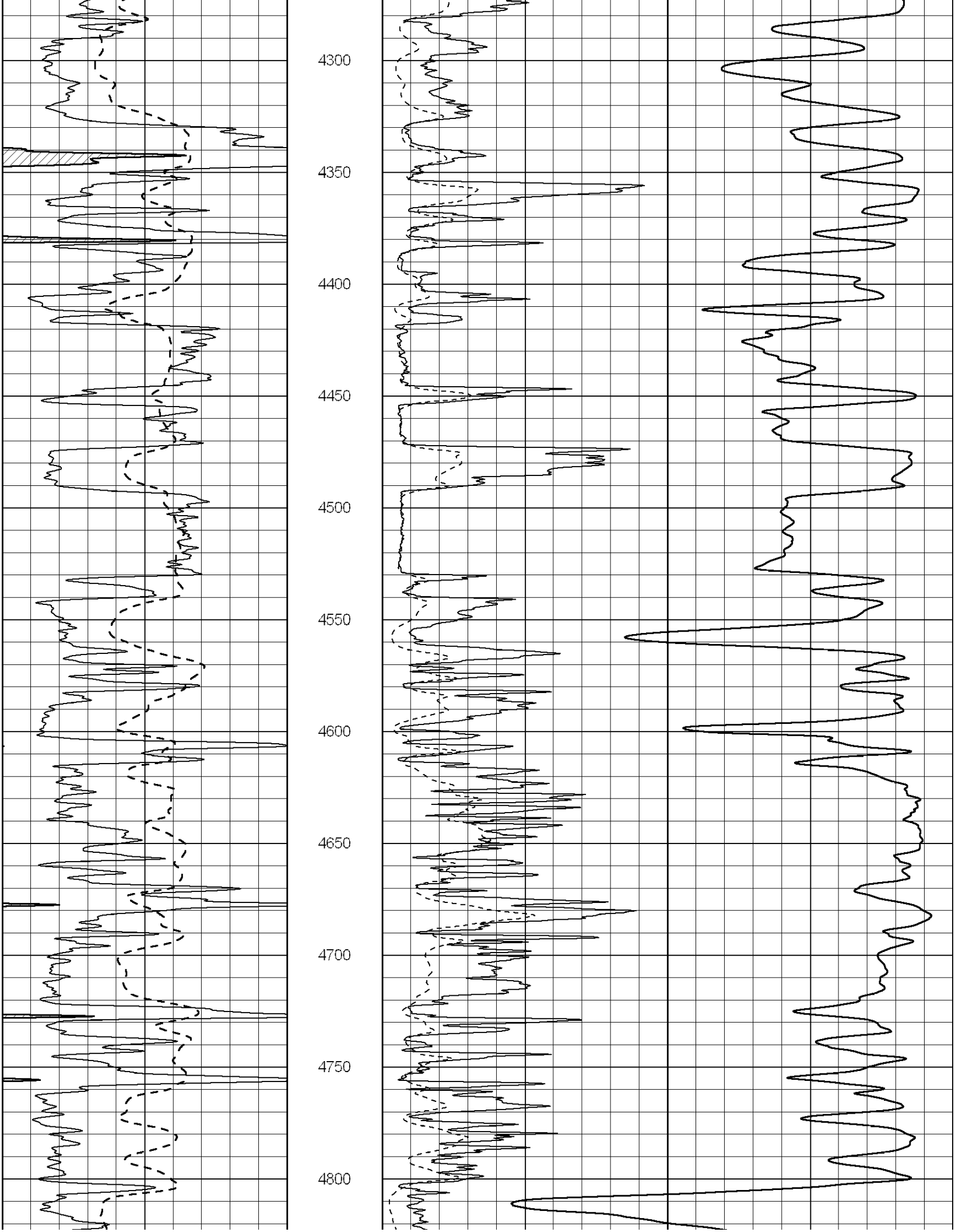
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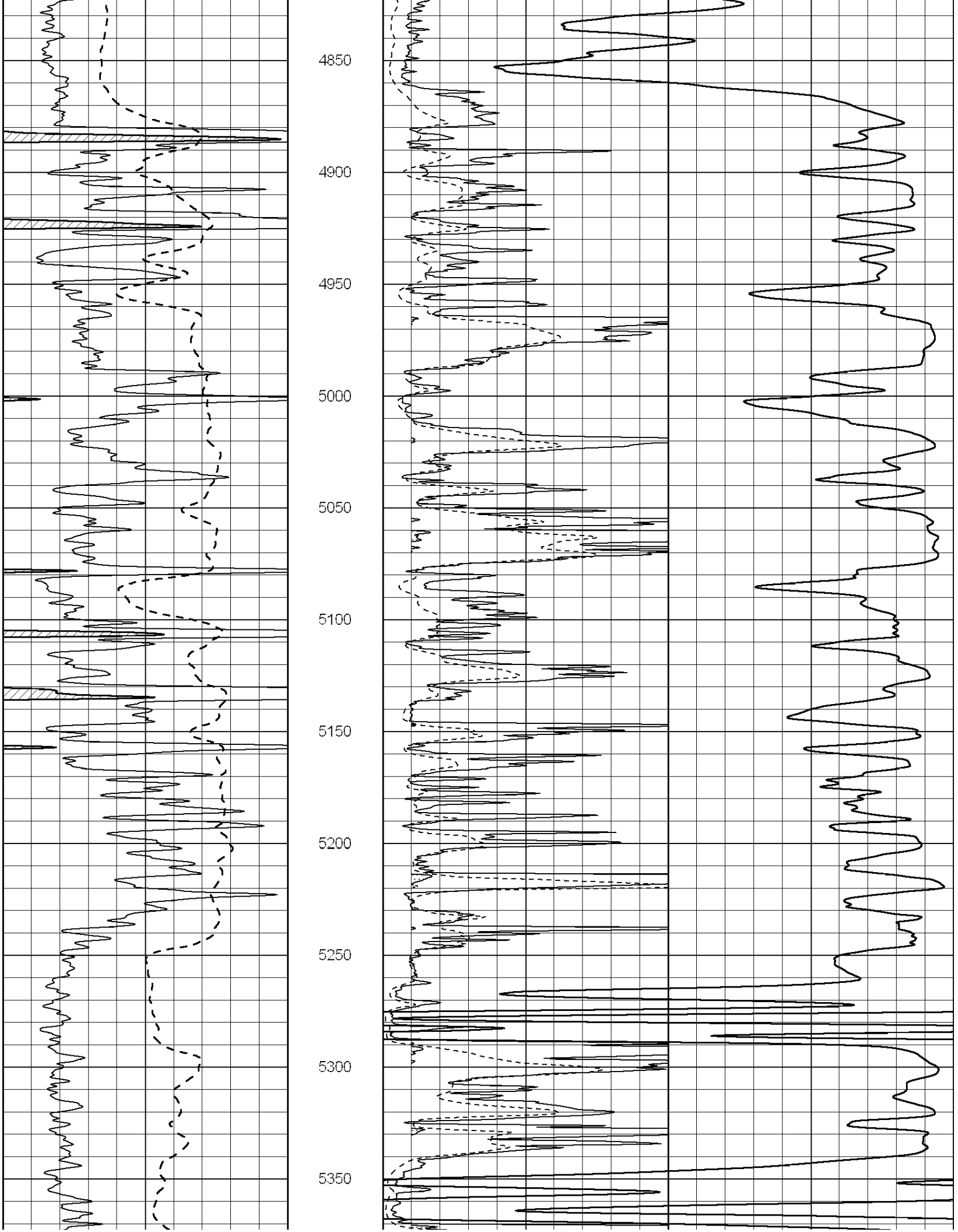
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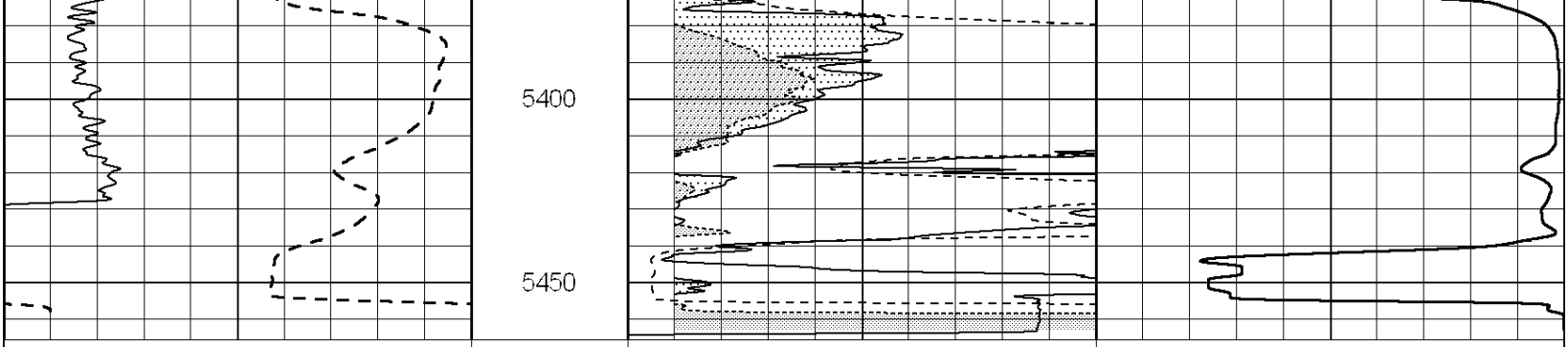


0	Gamma Ray (GAPI)	150
-100	SP (mV)	100

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

SUPERIOR WELL SERVICES

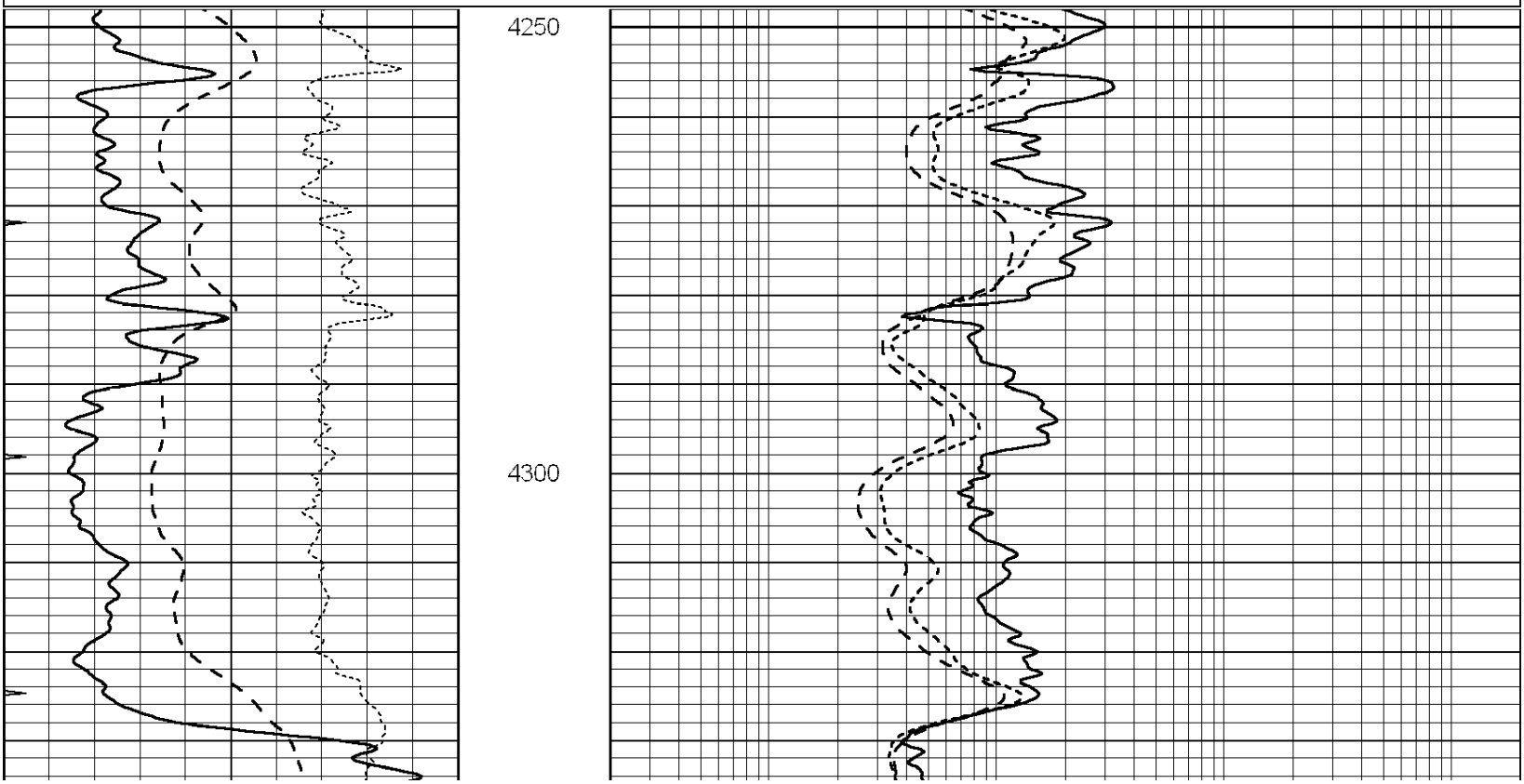
SUPERIOR
Hays,
Kansas

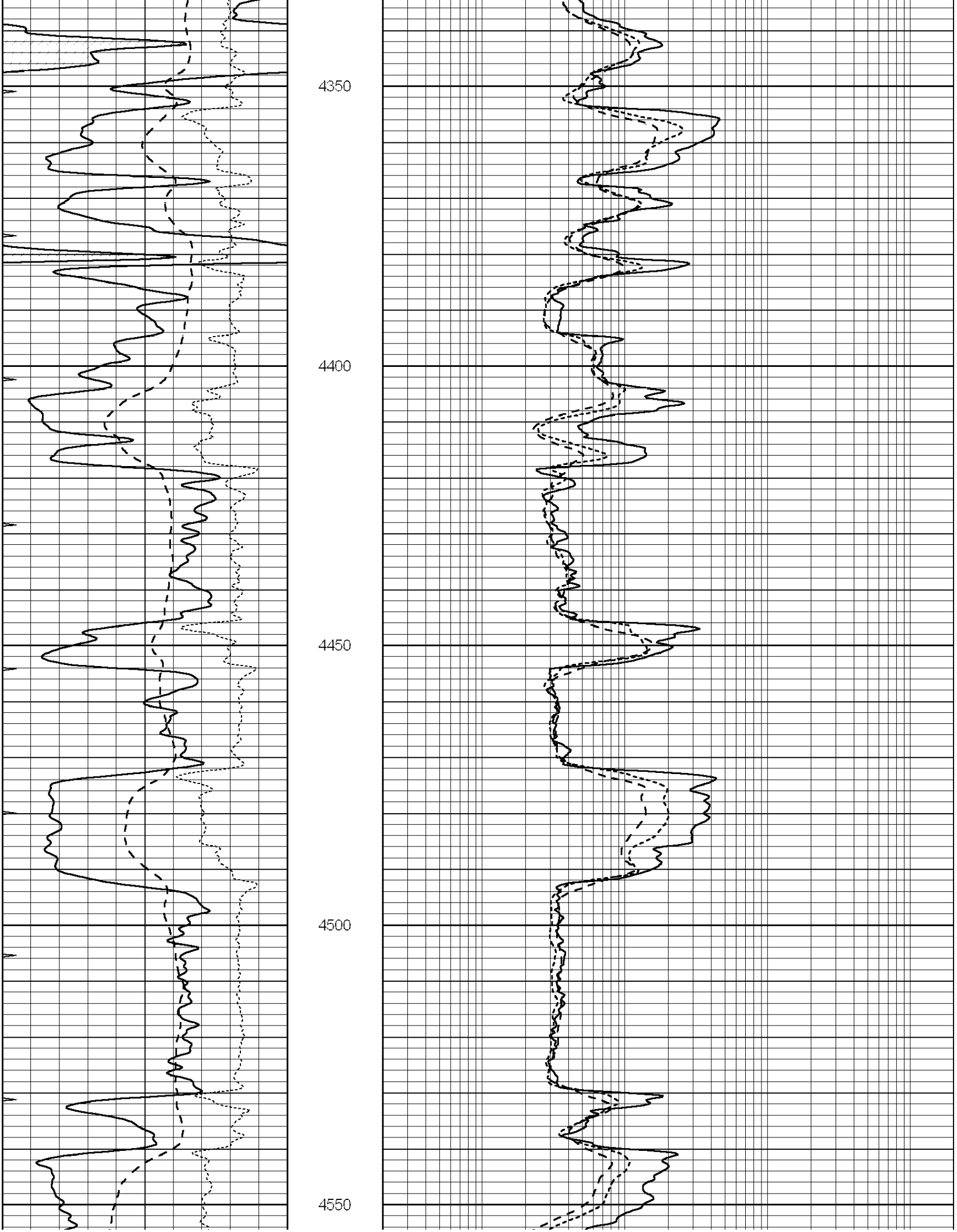
MAIN SECTION

Database File:	005652pdn.db
Dataset Pathname:	pass3.1A
Presentation Format:	dil
Dataset Creation:	Tue Aug 31 11:22:00 2010 by Calc Open-Cased 090629
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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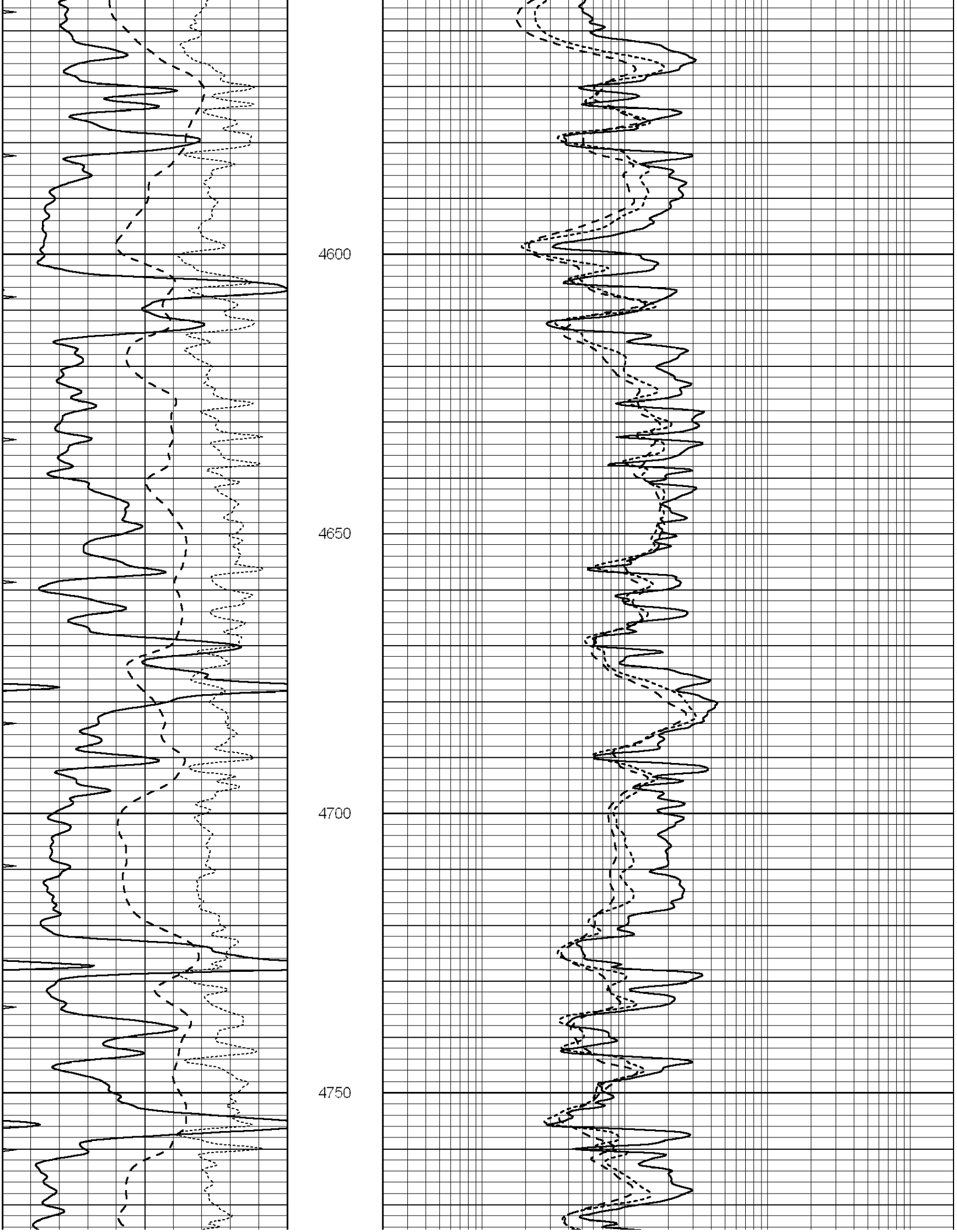
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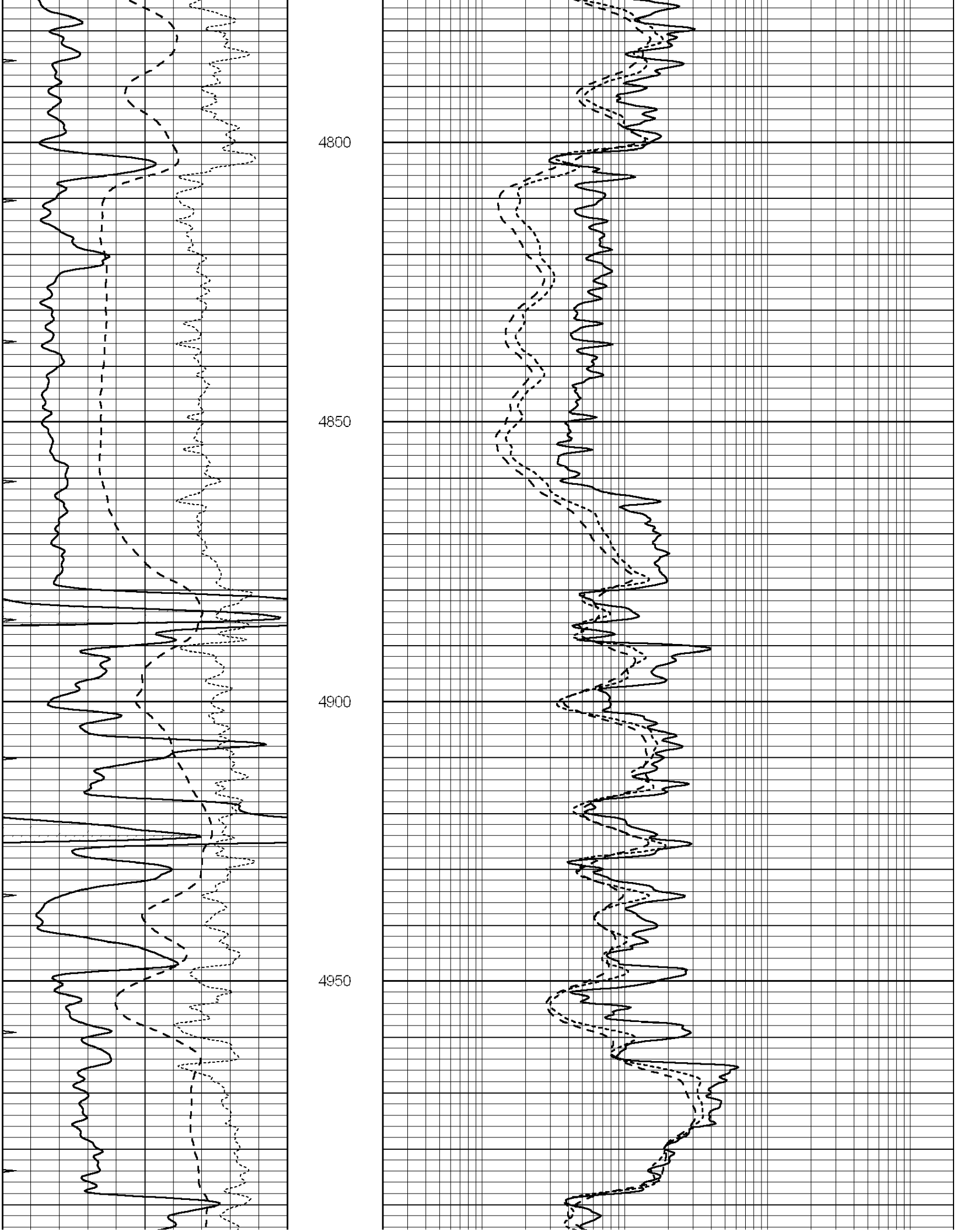
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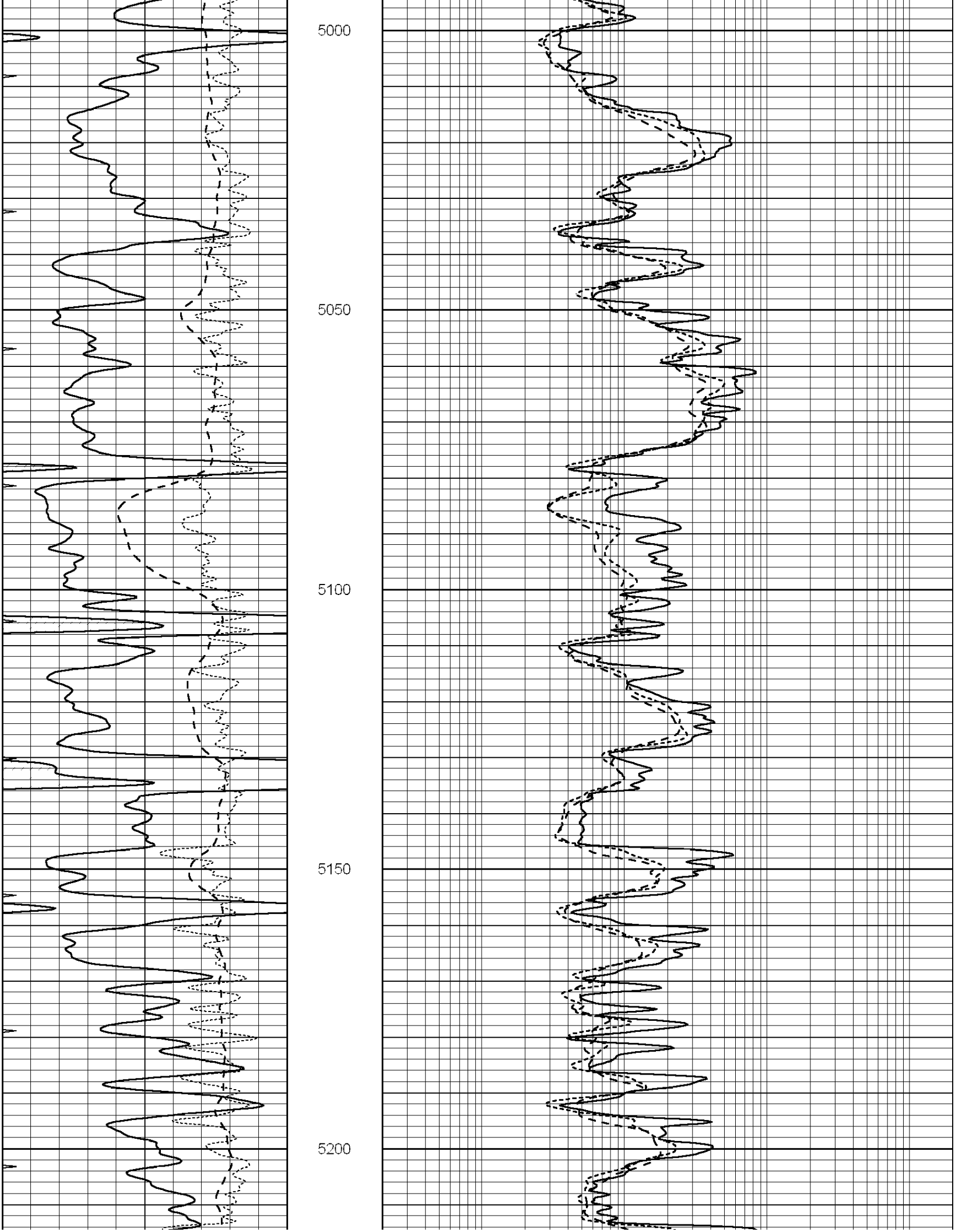
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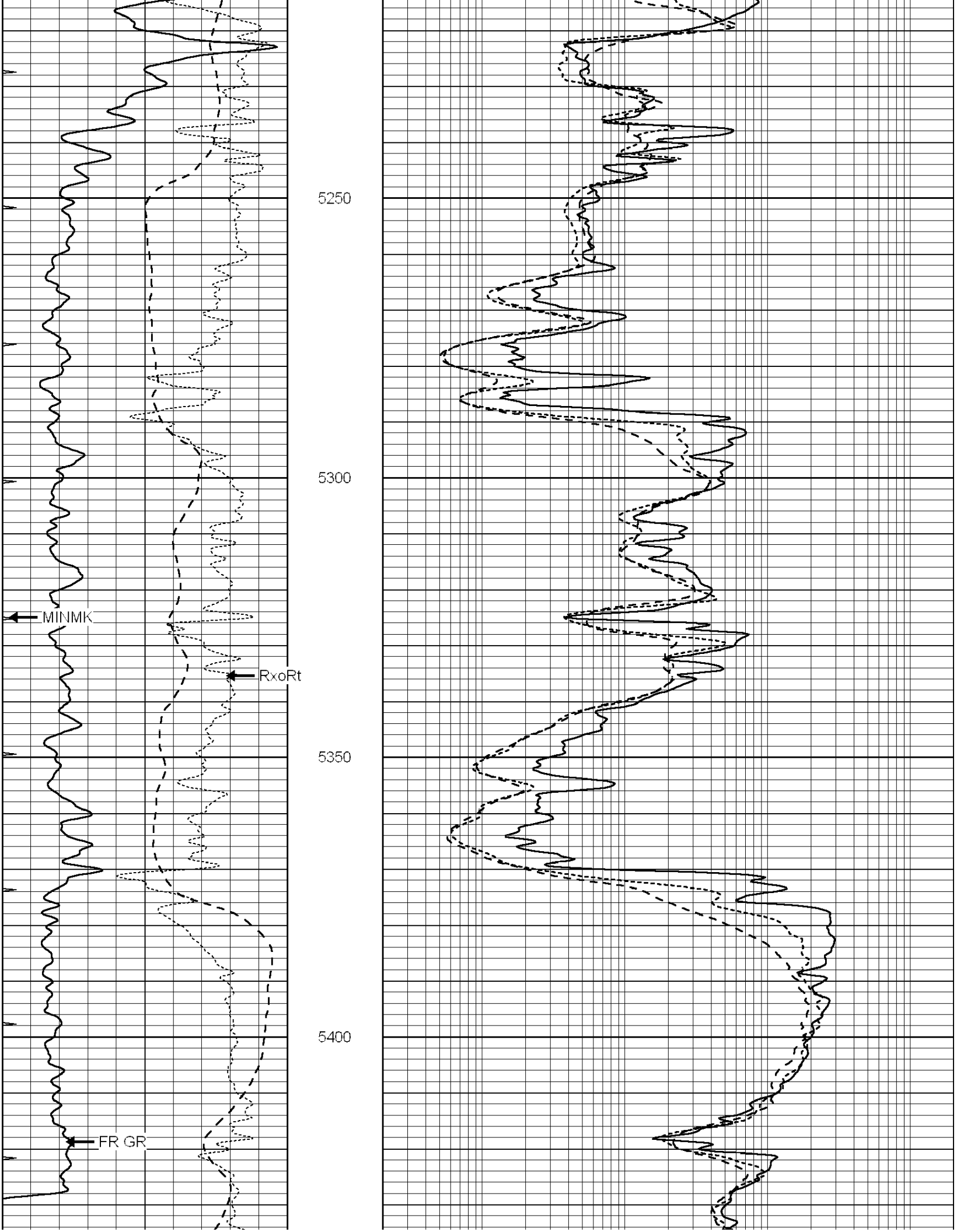
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MINMK
RxoRt
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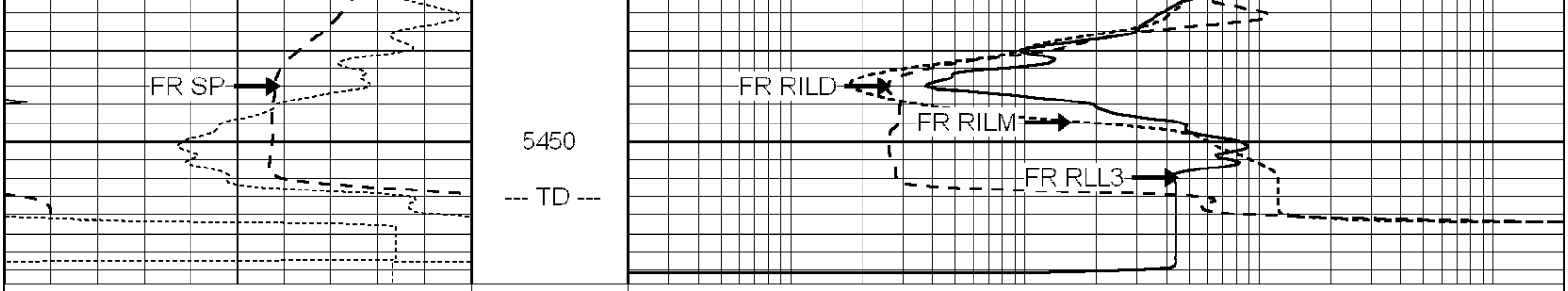
FR GR



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

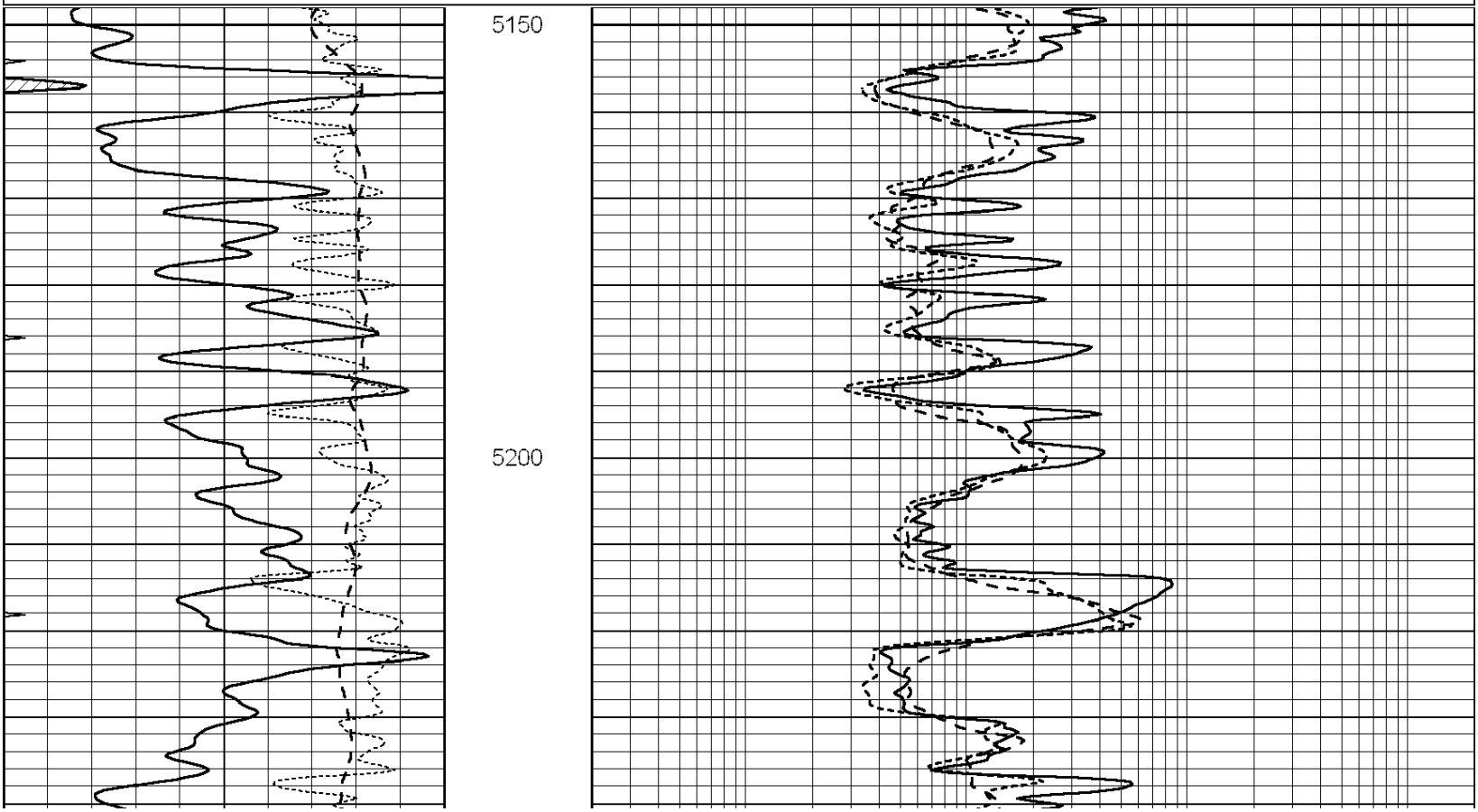
SUPERIOR
Hays,
Kansas

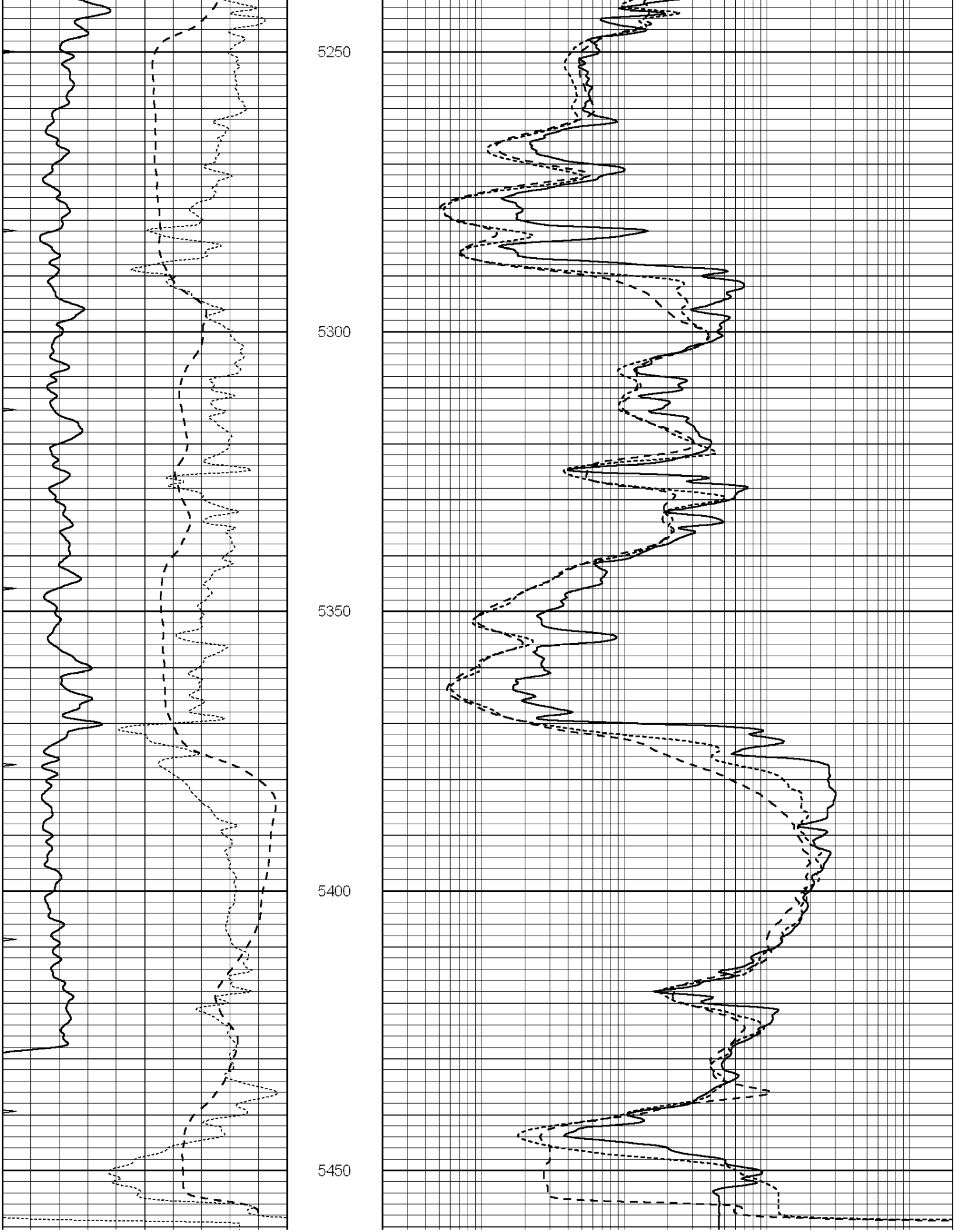
REPEAT SECTION

Database File:	005652pdn.db
Dataset Pathname:	pass2.A
Presentation Format:	dil
Dataset Creation:	Tue Aug 31 12:02:09 2010
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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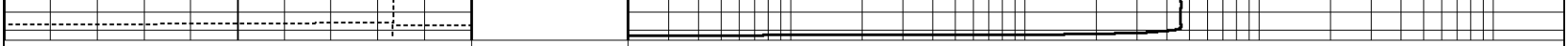

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	RxoRt	50
0	MINMK	20

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

Calibration Report

Database File: 005652pdn.db
Dataset Pathname: pass3.1A
Dataset Creation: Tue Aug 31 11:22:00 2010 by Calc Open-Cased 090629

Dual Induction Calibration Report

Serial-Model: DIL5-GEAR
Performed: Tue Aug 31 09:26:35 2010

	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.004	0.654	V	0.000	400.000	mmho/m	530.000	-2.000
Medium	-0.005	0.737	V	0.000	462.500	mmho/m	520.000	-3.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.006	0.655	V	0.000	400.000	mmho/m	615.668	-3.483
Medium	0.010	0.747	V	0.000	462.500	mmho/m	627.607	-6.064

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	2.8	9.3
High Ref	4.8	14.0

Gain: 2.3 Offset: 2.9

Compensated Neutron Calibration Report

Serial Number: NEU_1I
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 Aug 31 08:53:37 2010	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.6500	GAPI/cps