SUPERIOR WELL SERVICES

SUPERIOR
Hays, Kansas

DUAL INDUCTION LOG

Company BEREXCO, INC.

Well DENTON #1-15

Field WILDCAT

County CLARK State KANSAS

Location: API # : 15-025-21477-0000

147'FNL & 1132'FEL
NW NW NE NE

SEC 15 TWP 31S RGE 24W

Other Services
CDL/CNL/PE
MEL/SONIC

Elevation
K.B. 2562
D.F. 2560
G.L. 2549

Permanent Datum GROUND LEVEL Elevation 2549
Log Measured From KELLY BUSHING 13' A.G.L.
Drilling Measured From KELLY BUSHING

Company BEREXCO, INC.
Well DENTON #1-15
Field WILDCAT
County CLARK
State KANSAS

Date	30 DEC 08		
Run Number	ONE		
Depth Driller	5680		
Depth Logger	5686		
Bottom Logged Interval	5684		
Top Log Interval	0		
Casing Driller	8 5/8 @ 770'		
Casing Logger	764'		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	8.9/53	CHLORIDES 6,000	
pH / Fluid Loss	11.0/6.4		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.52 @ 65		
Rmf @ Meas. Temp	0.39 @ 65		
Rmc @ Meas. Temp	0.62 @ 65		
Source of Rmf / Rmc	CAL/CAL		
Rm @ BHT	0.26 @ 131F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	4:50 AM		
Maximum Recorded Temperature	131F		
Equipment Number	680		
Location	HAYS, KS		
Recorded By	DUGAN DENTON	JOE CRATHORNE	
Witnessed By	BRYAN BYNOG	G. KORALEGEDARA	

<<< Fold Here >>>

Comments

THANK YOU FOR USING SUPERIOR WELL SERVICES
HAYS, KS. 785-628-6395

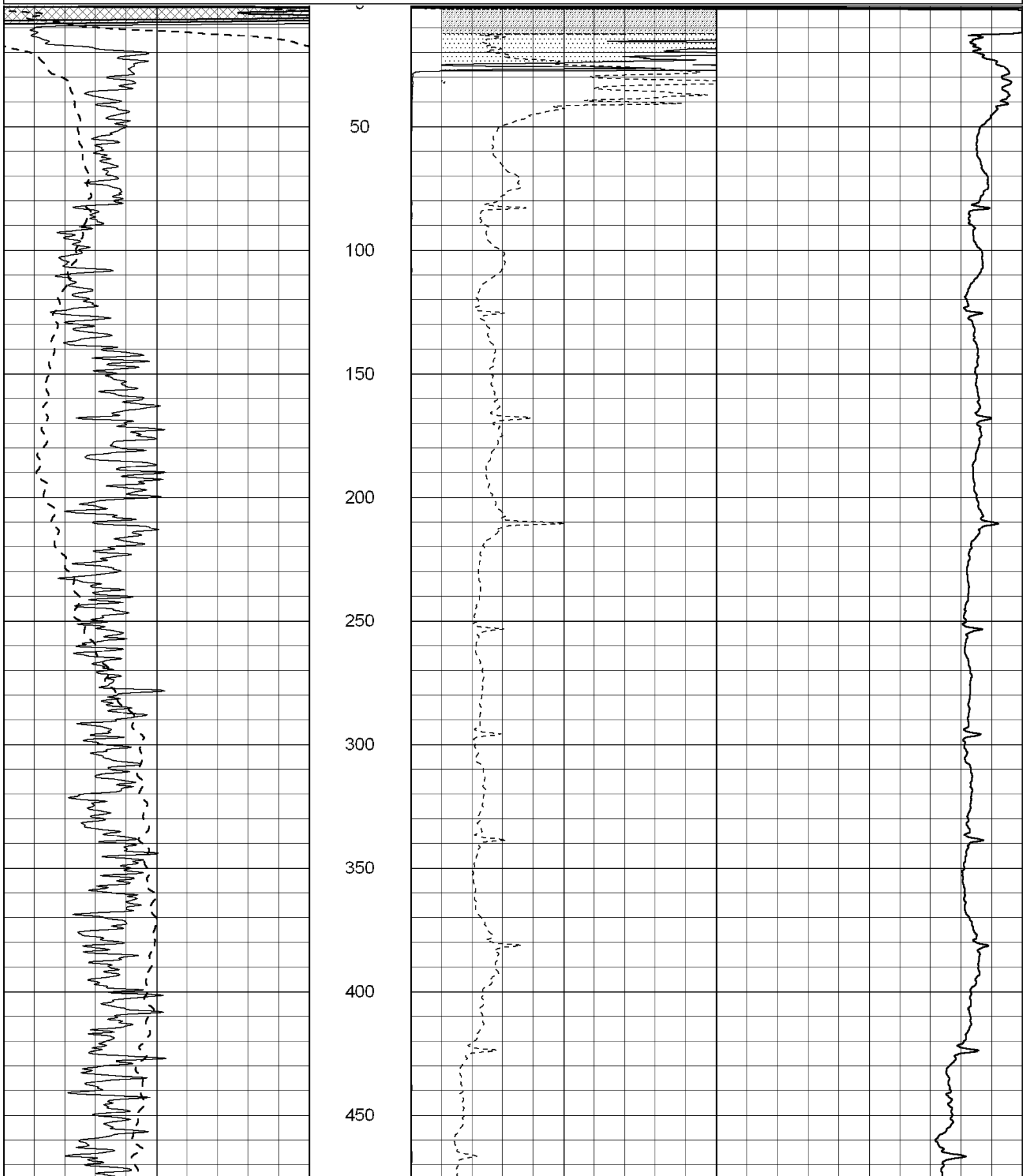
DIRECTIONS: MINNEOLA; 6 MILES SOUTH TO ROAD "I", 5 MILES EAST, SOUTH INTO

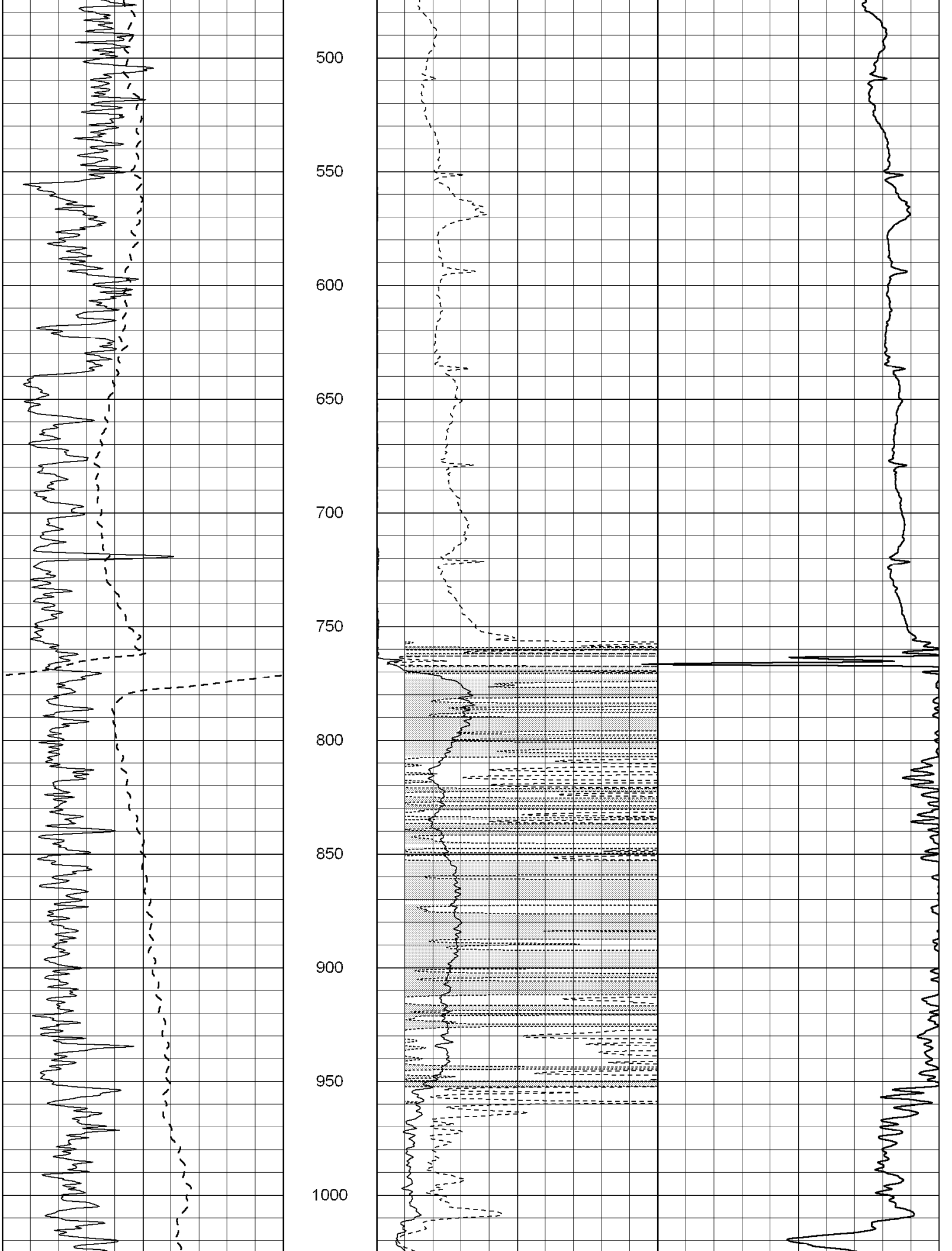
Database File: 3185berexco.db
Dataset Pathname: pass4
Presentation Format: _dil2
Dataset Creation: Tue Dec 30 05:07:58 2008 by Log Open-Cased 070814

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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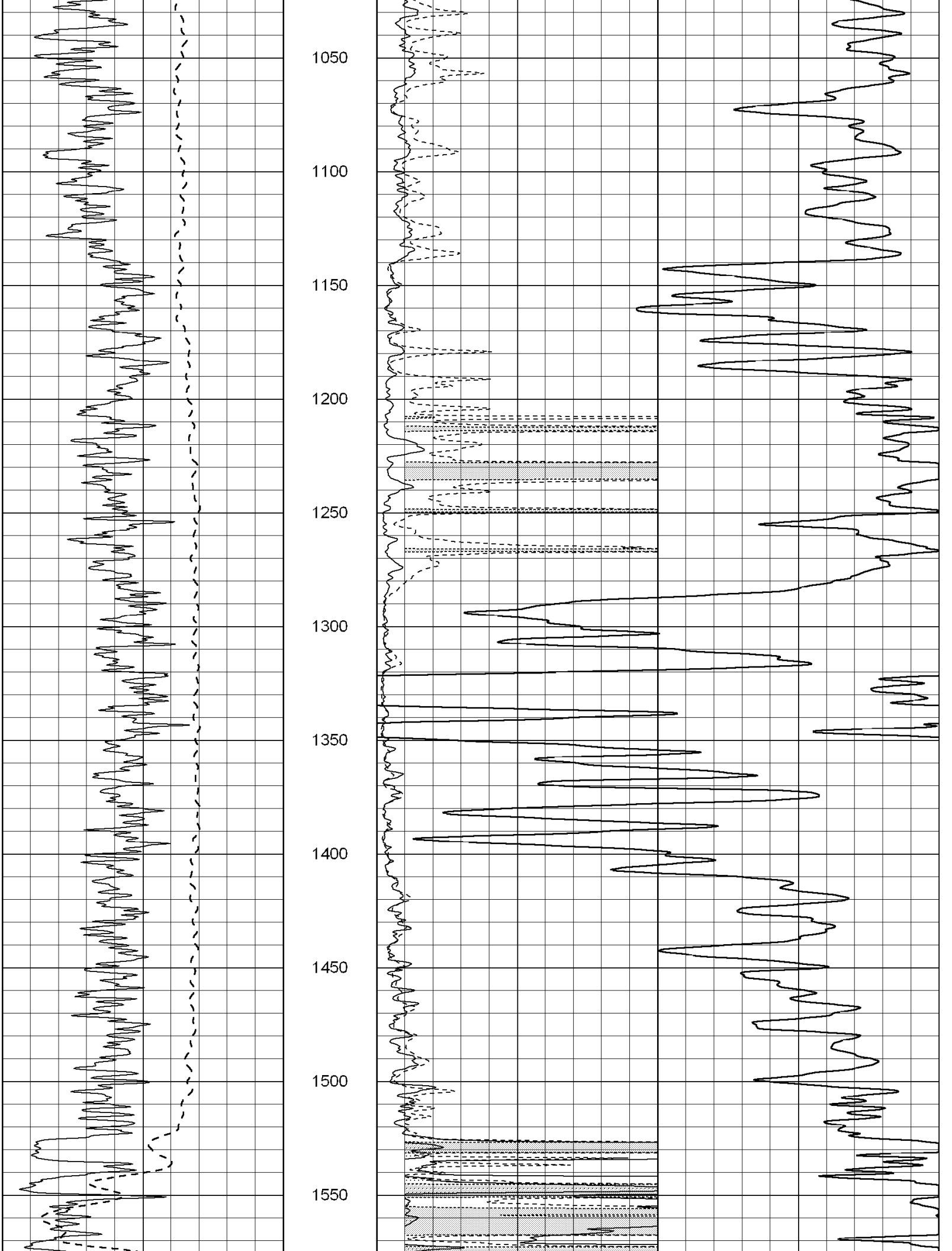
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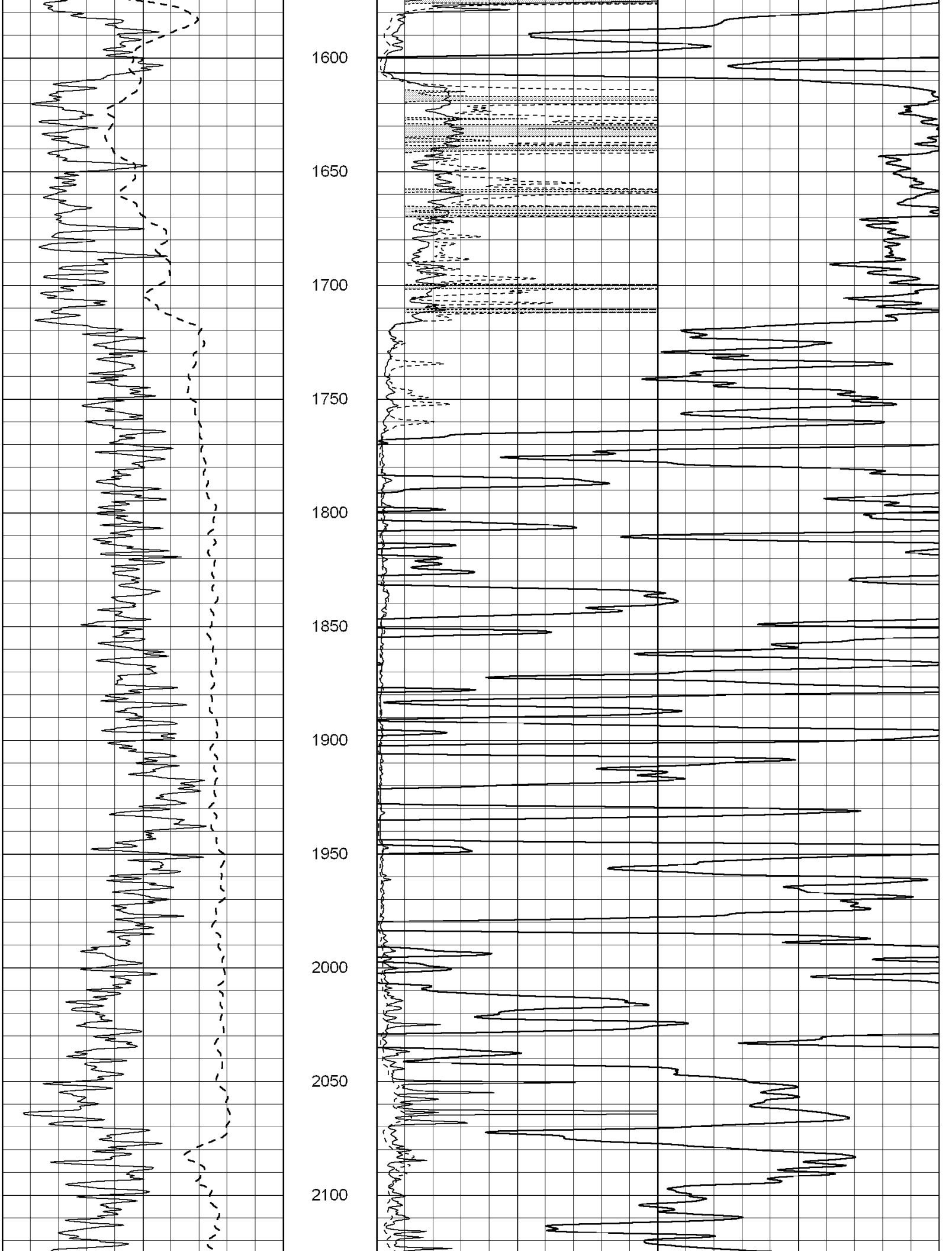
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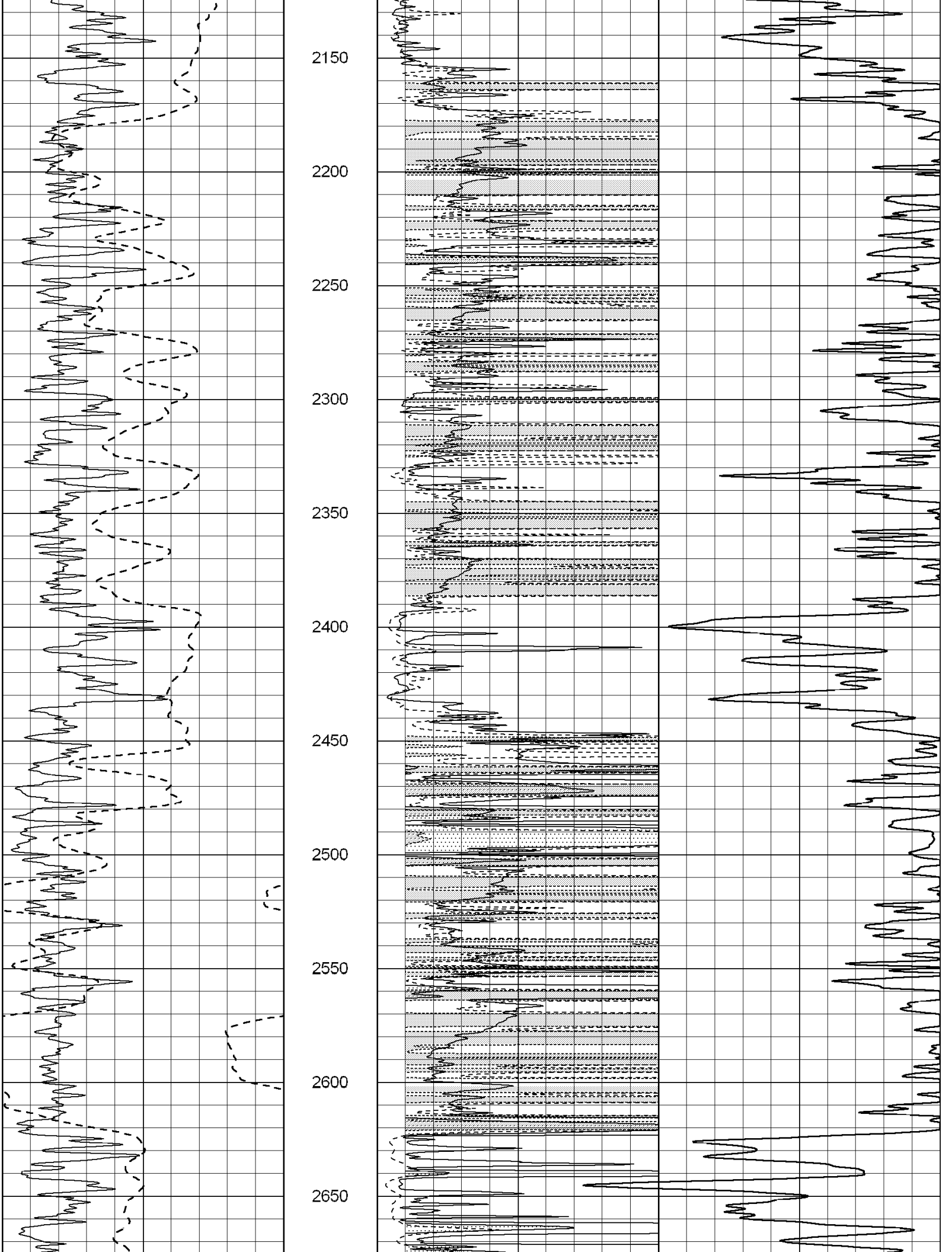
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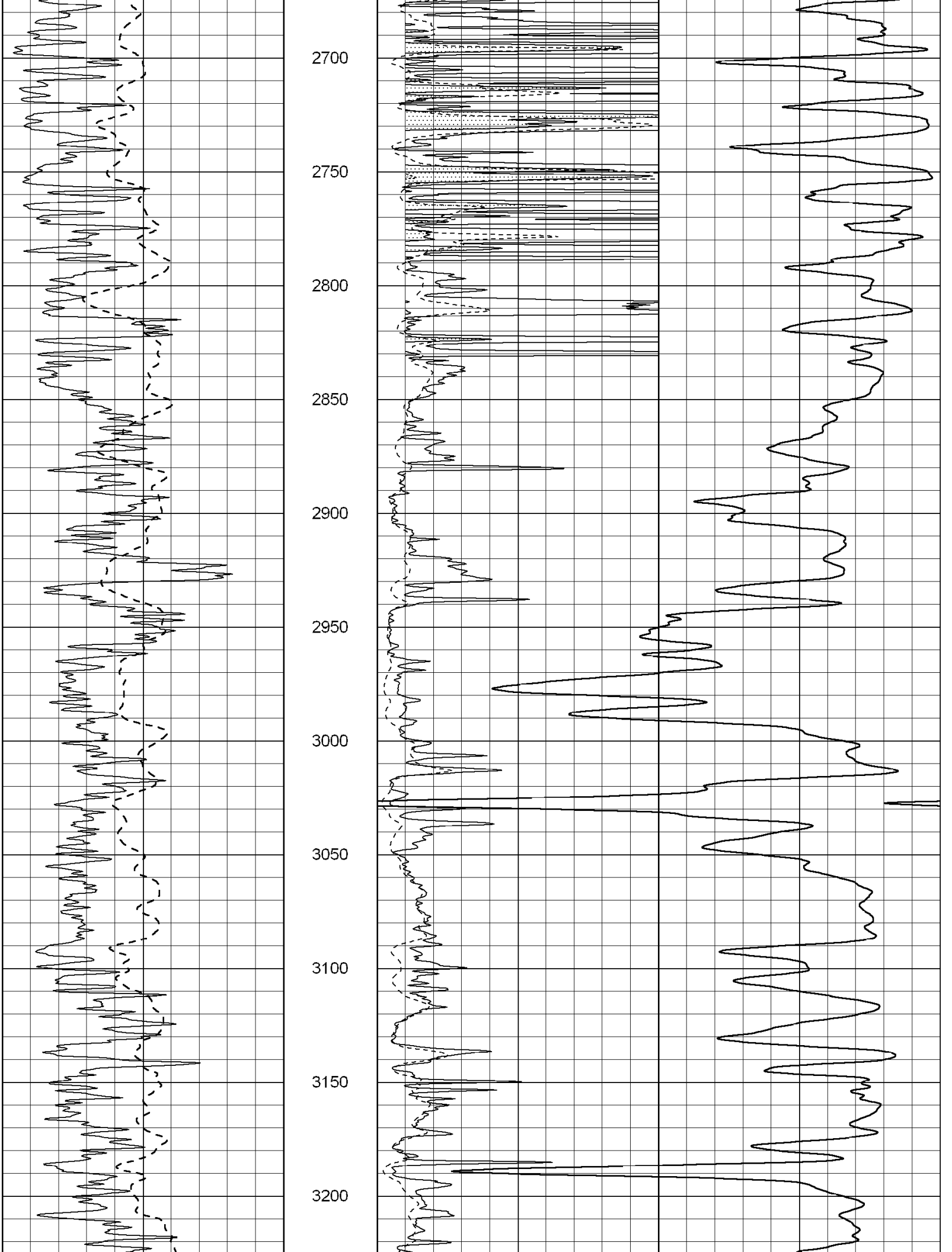
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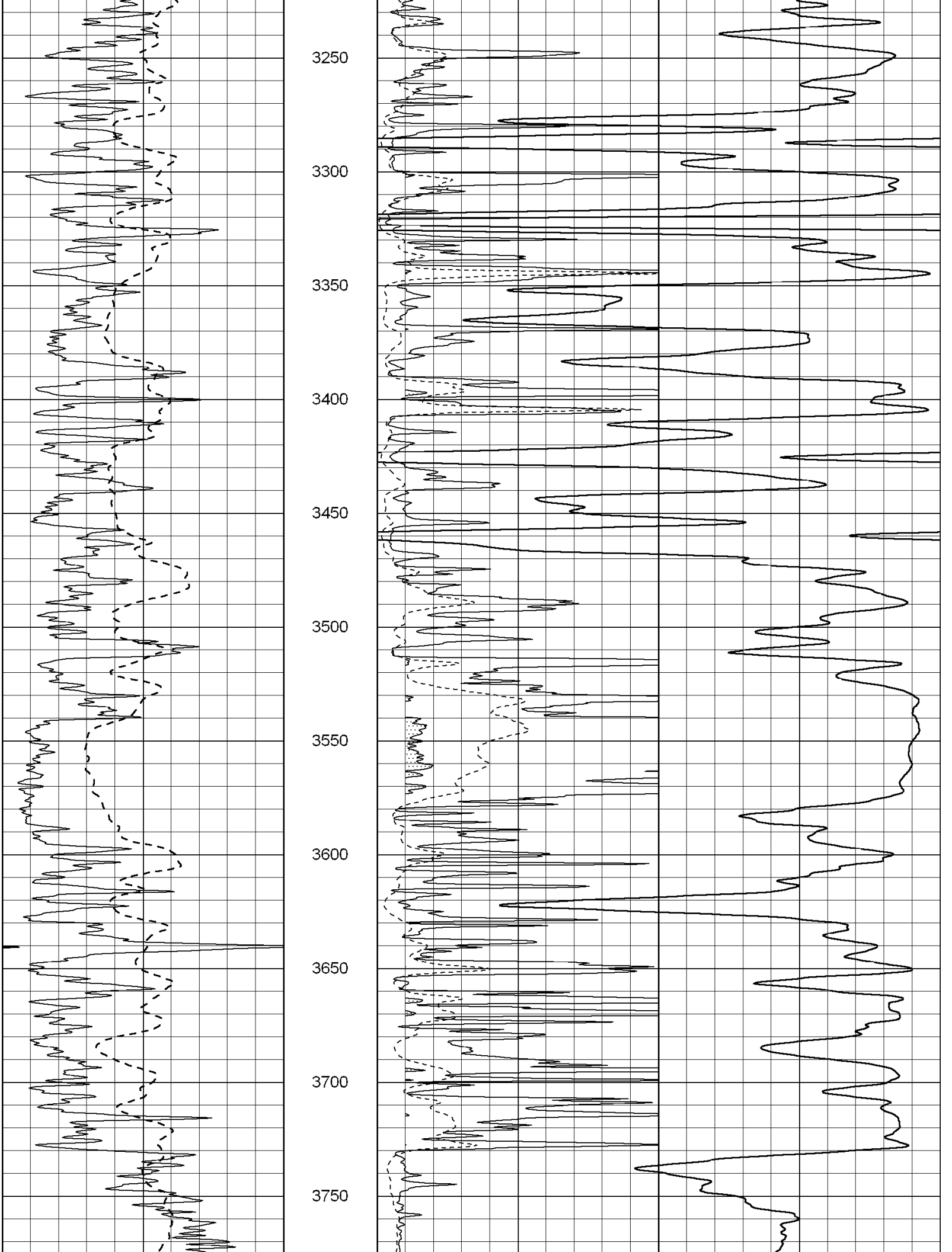
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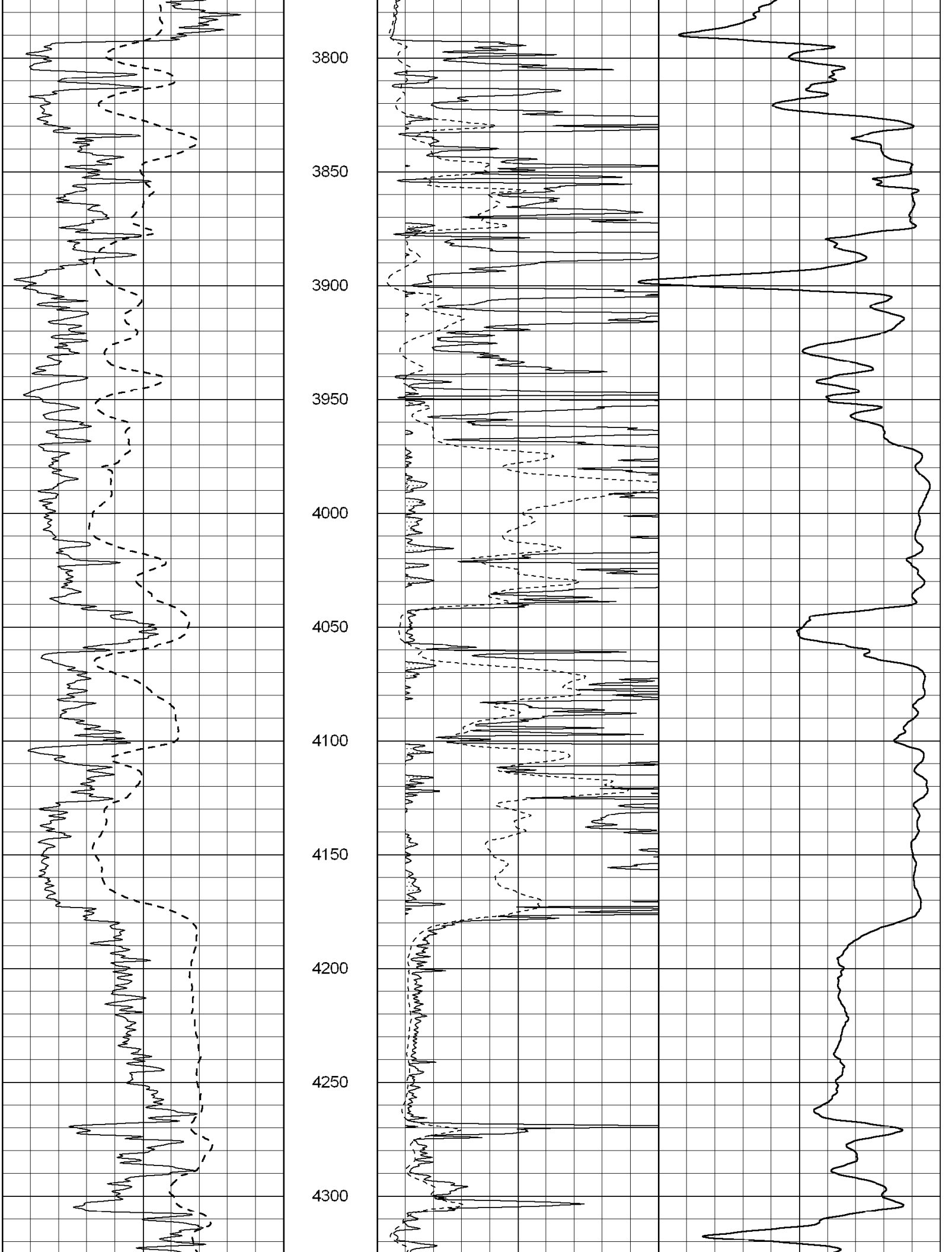
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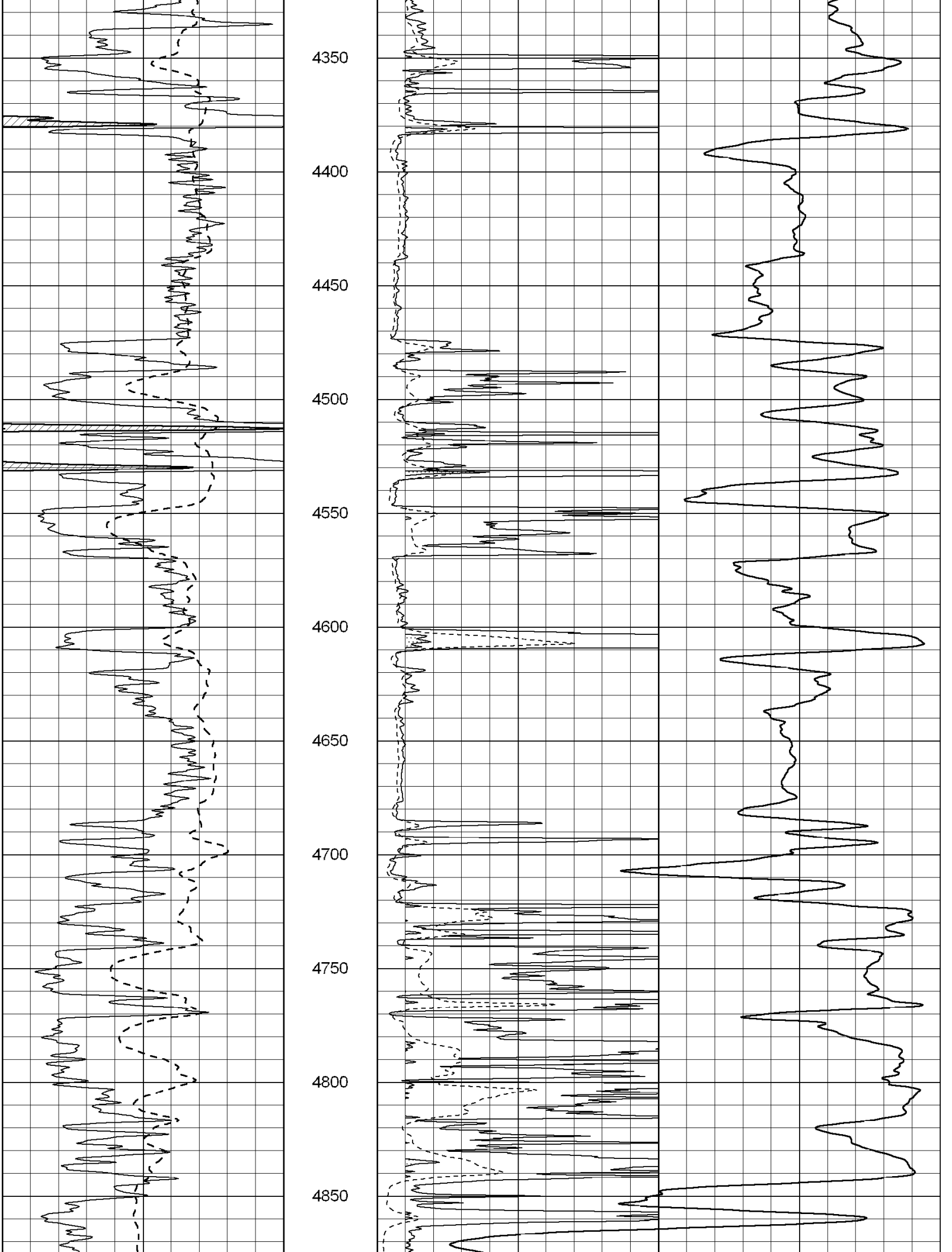
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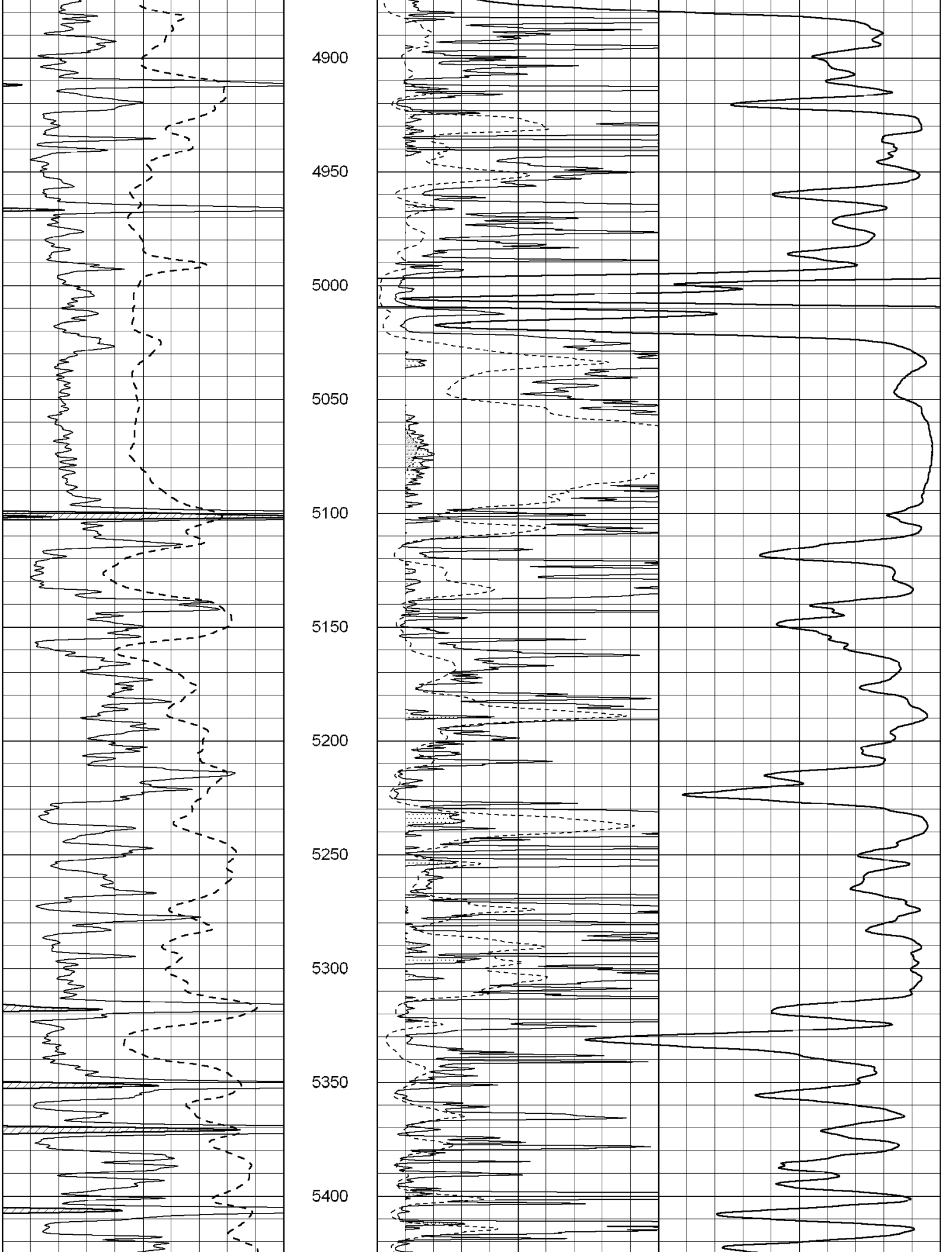
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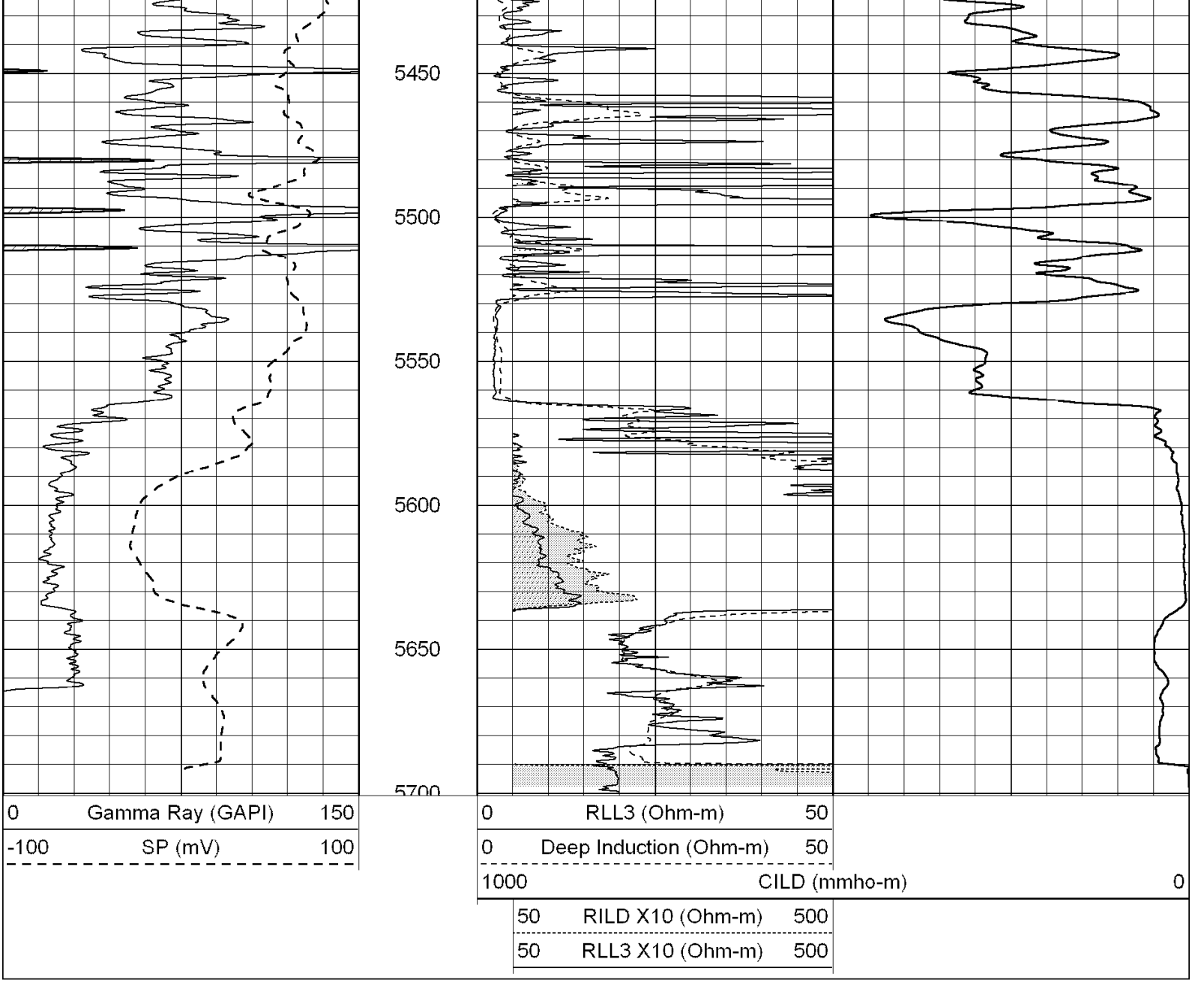
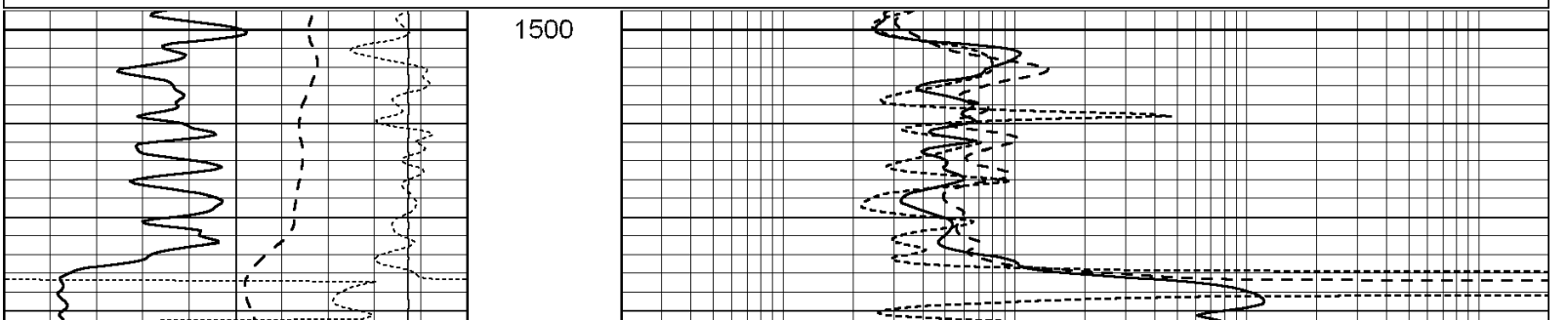
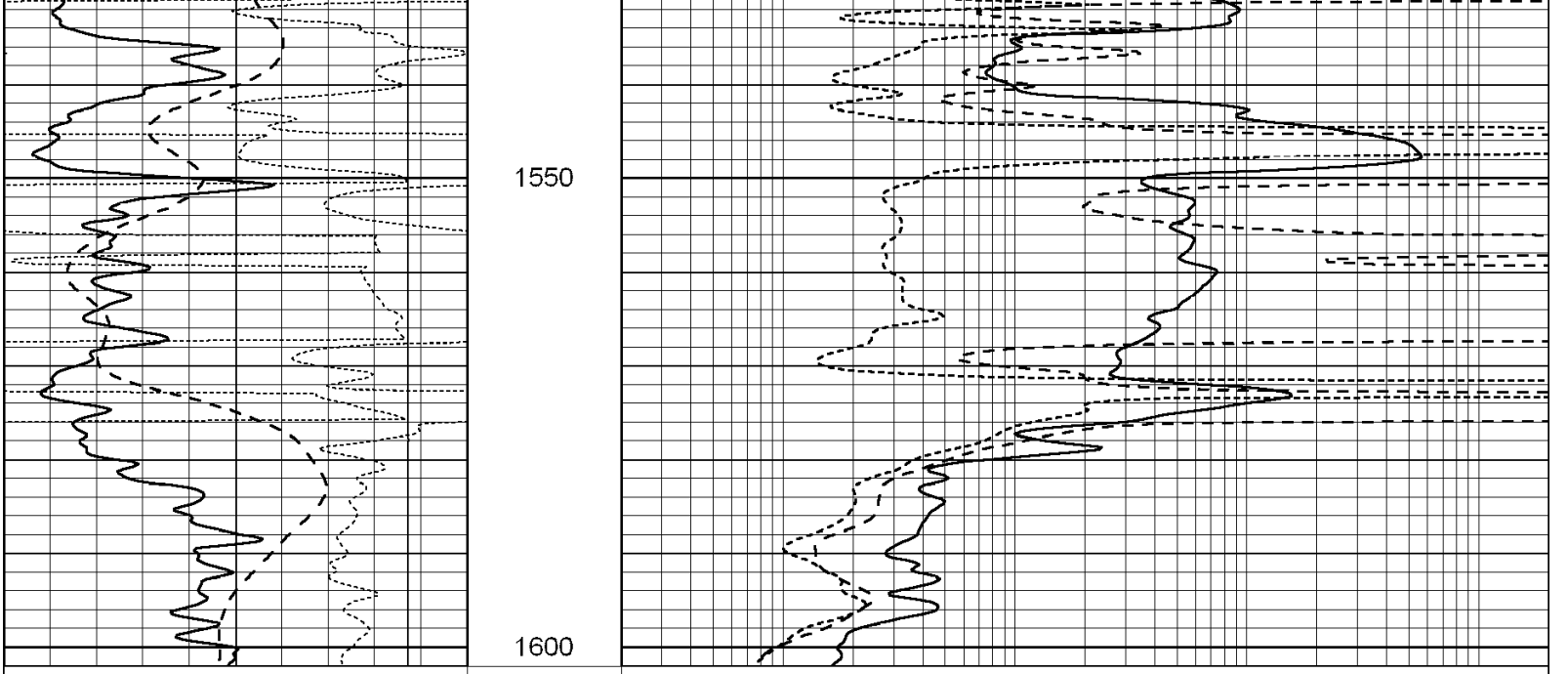


Database File: 3185berexco.db
Dataset Pathname: pass4
Presentation Format: _dil
Dataset Creation: Tue Dec 30 05:07:58 2008 by Log Open-Cased 070814
Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50
10000	LTEN (lb)	0

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





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Presentation Format: _dil
Dataset Creation: Tue Dec 30 05:07:58 2008 by Log Open-Cased 070814
Charted by: Depth in Feet scaled 1:240

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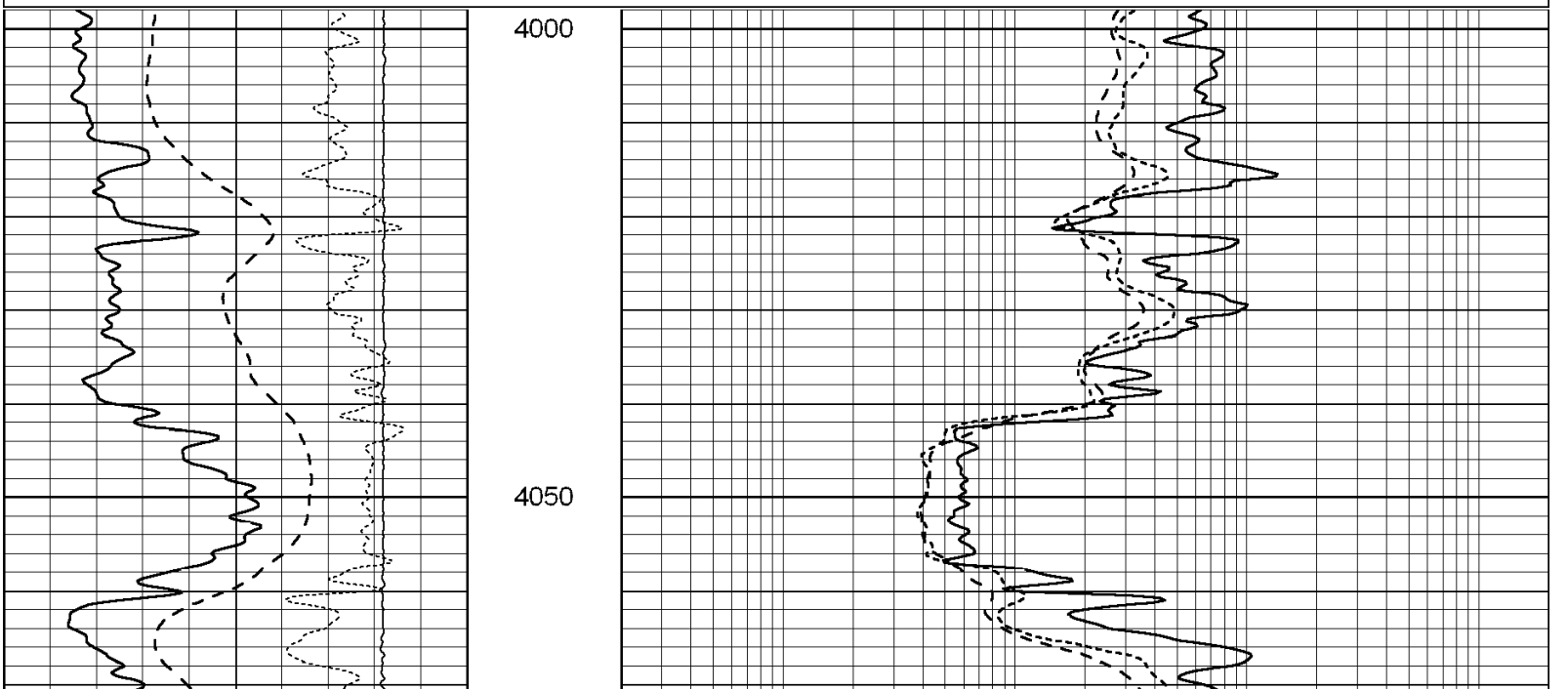
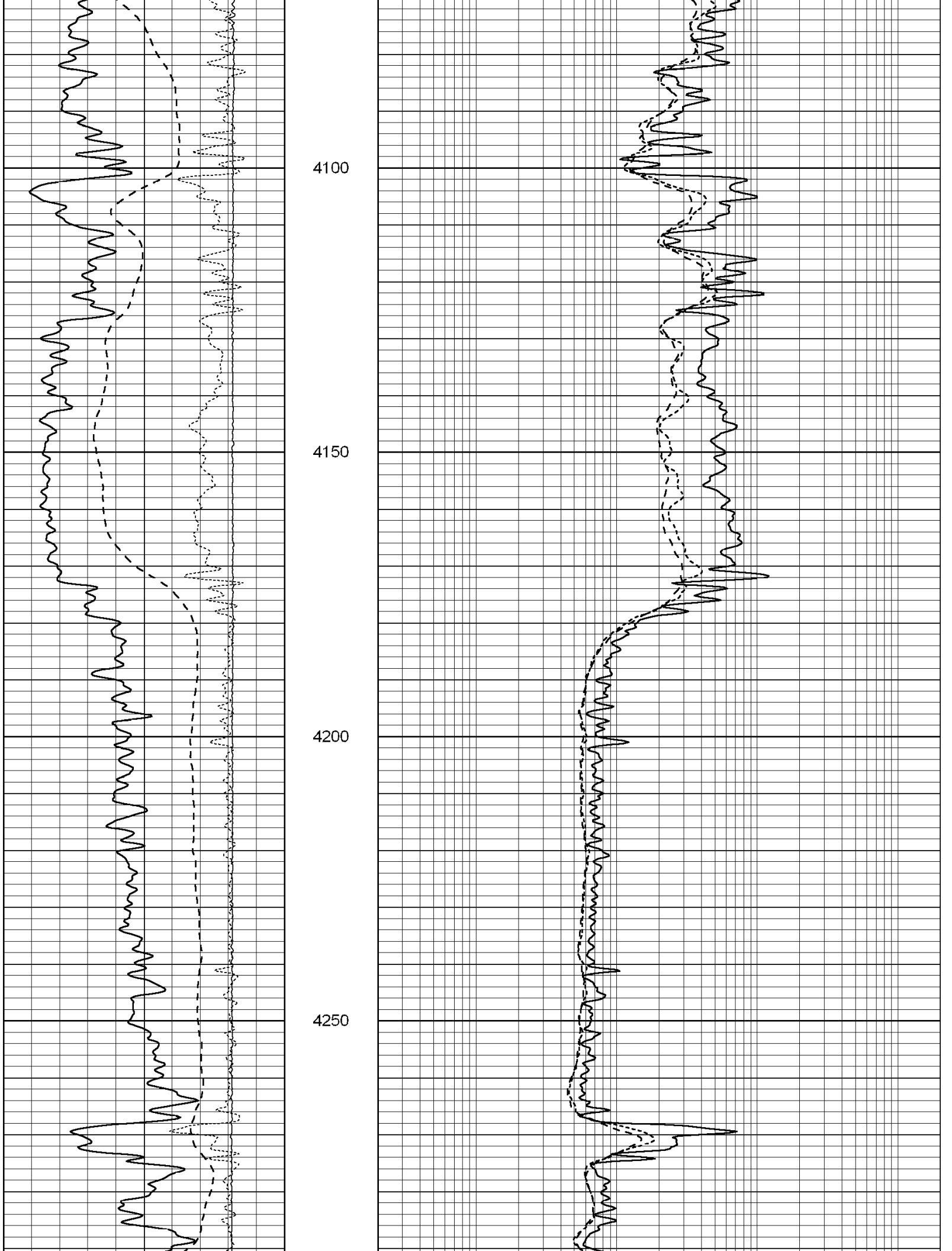
-100	SP (mV)	100
-250	Rxo/Rt	50
10000	LTEN (lb)	0

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

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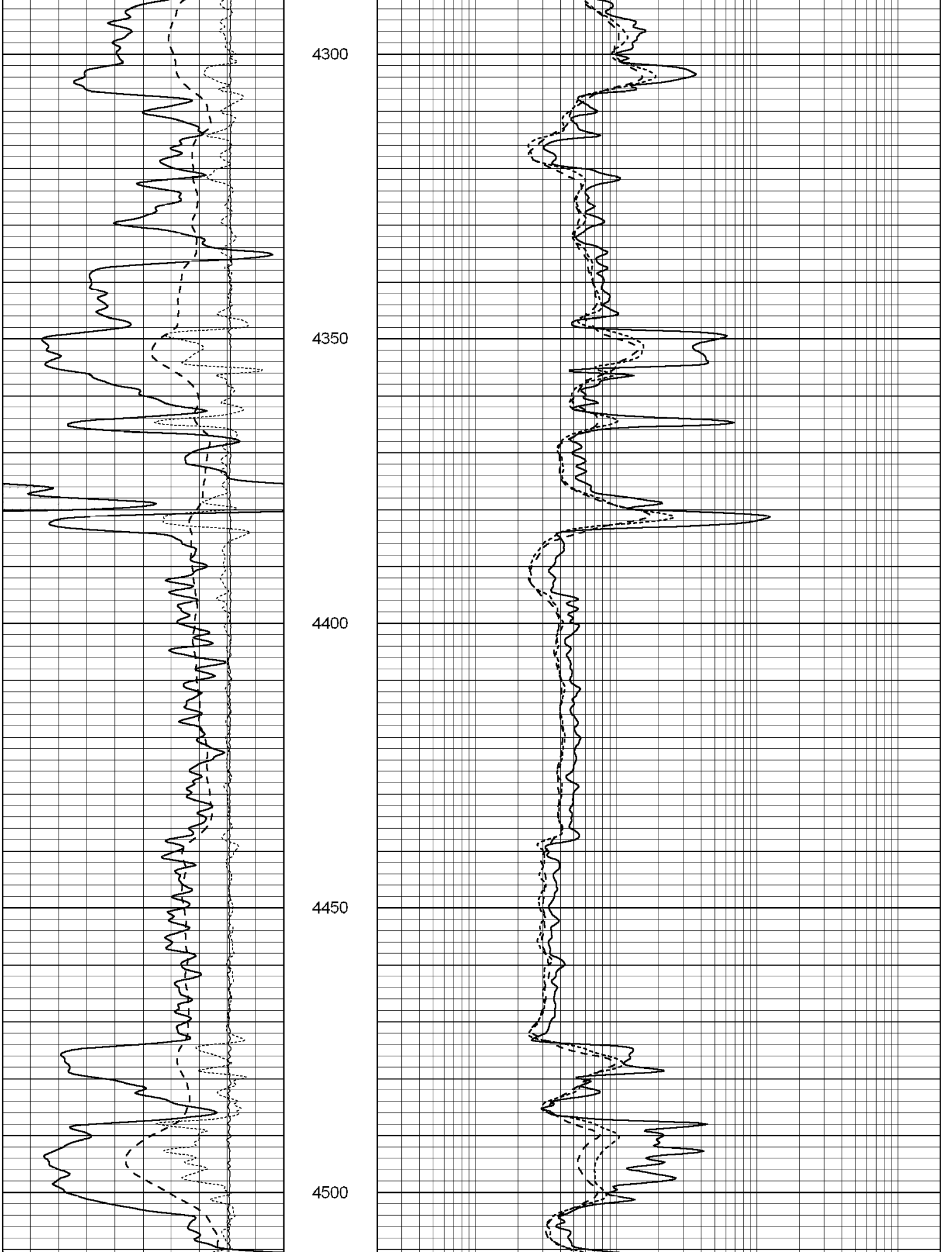
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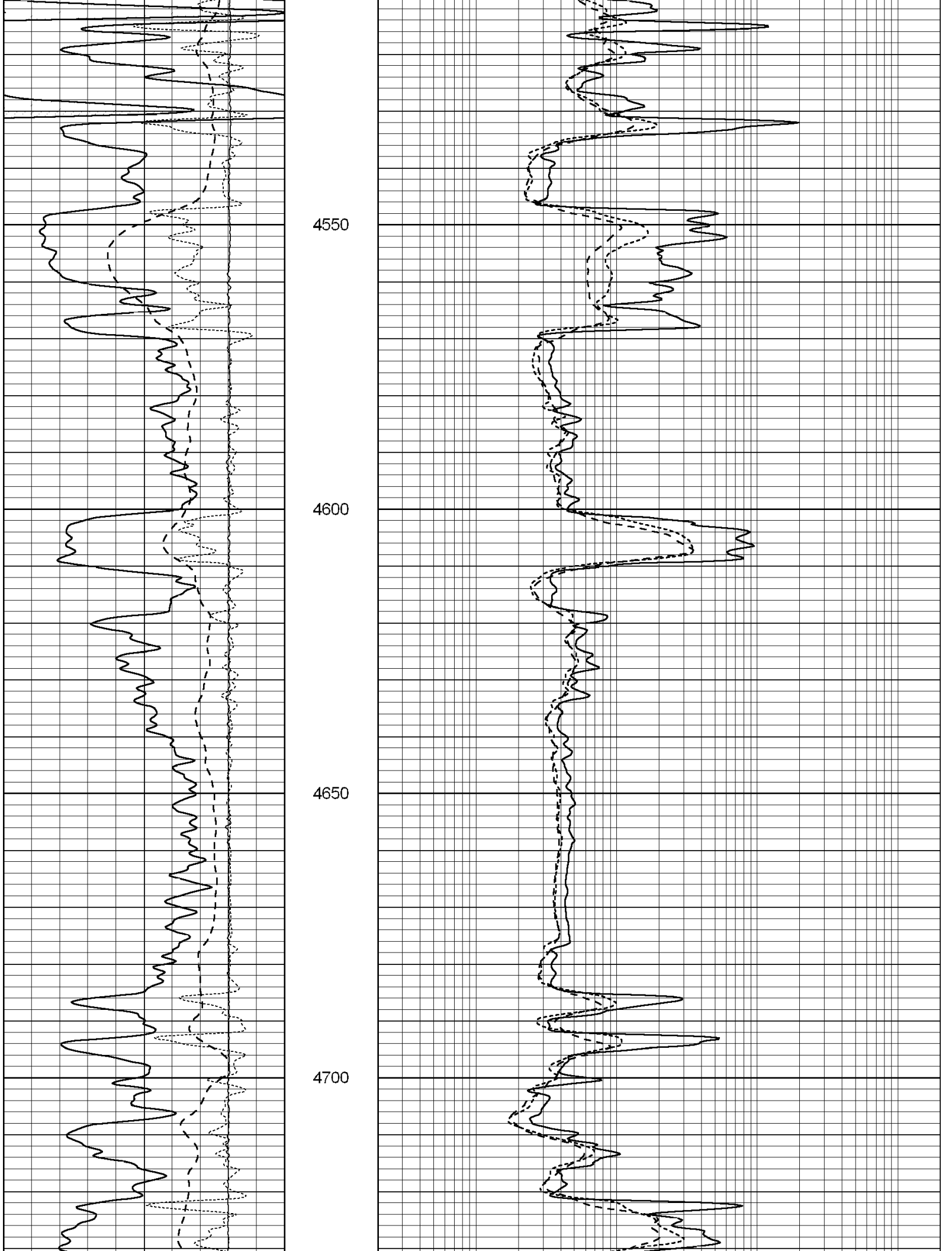
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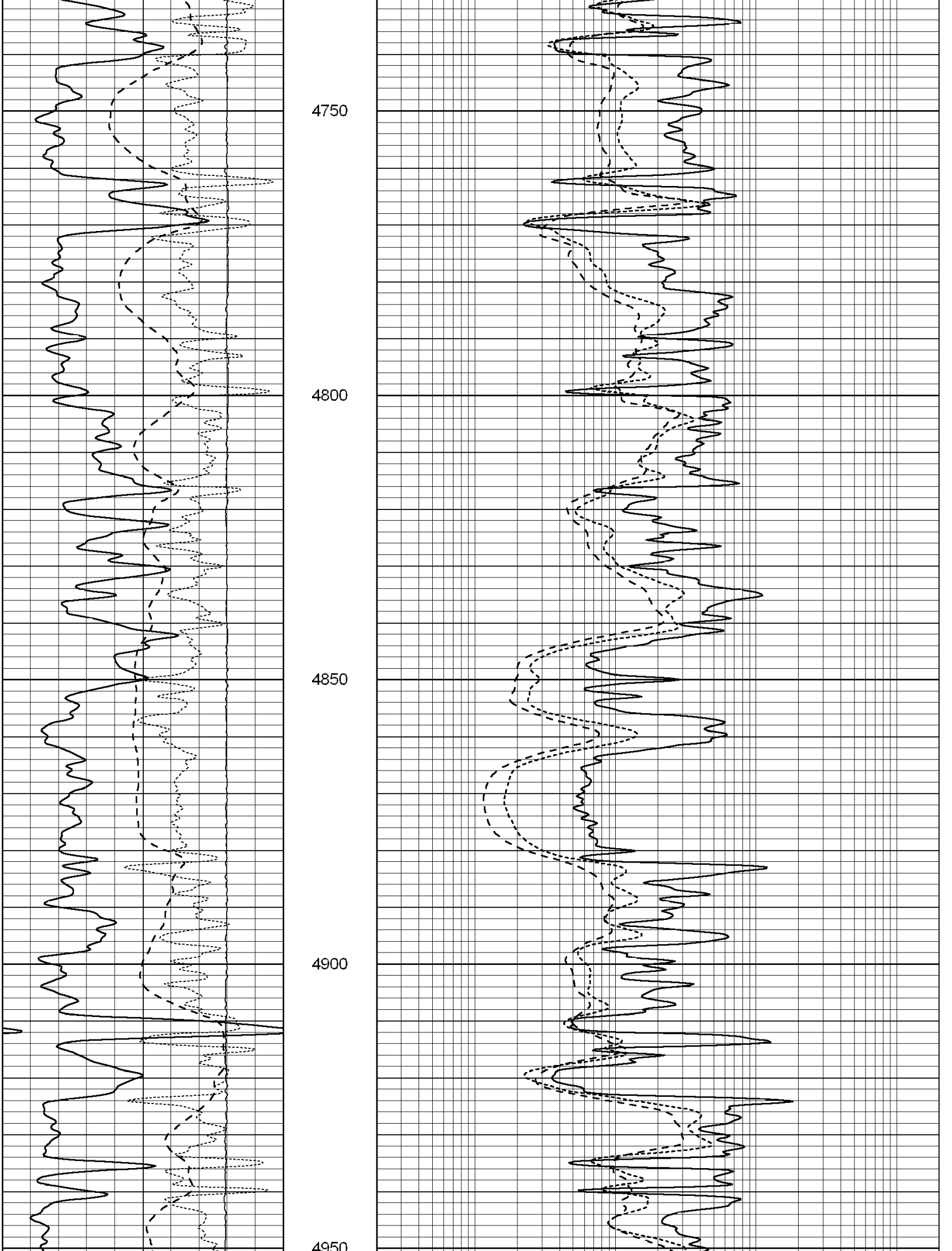
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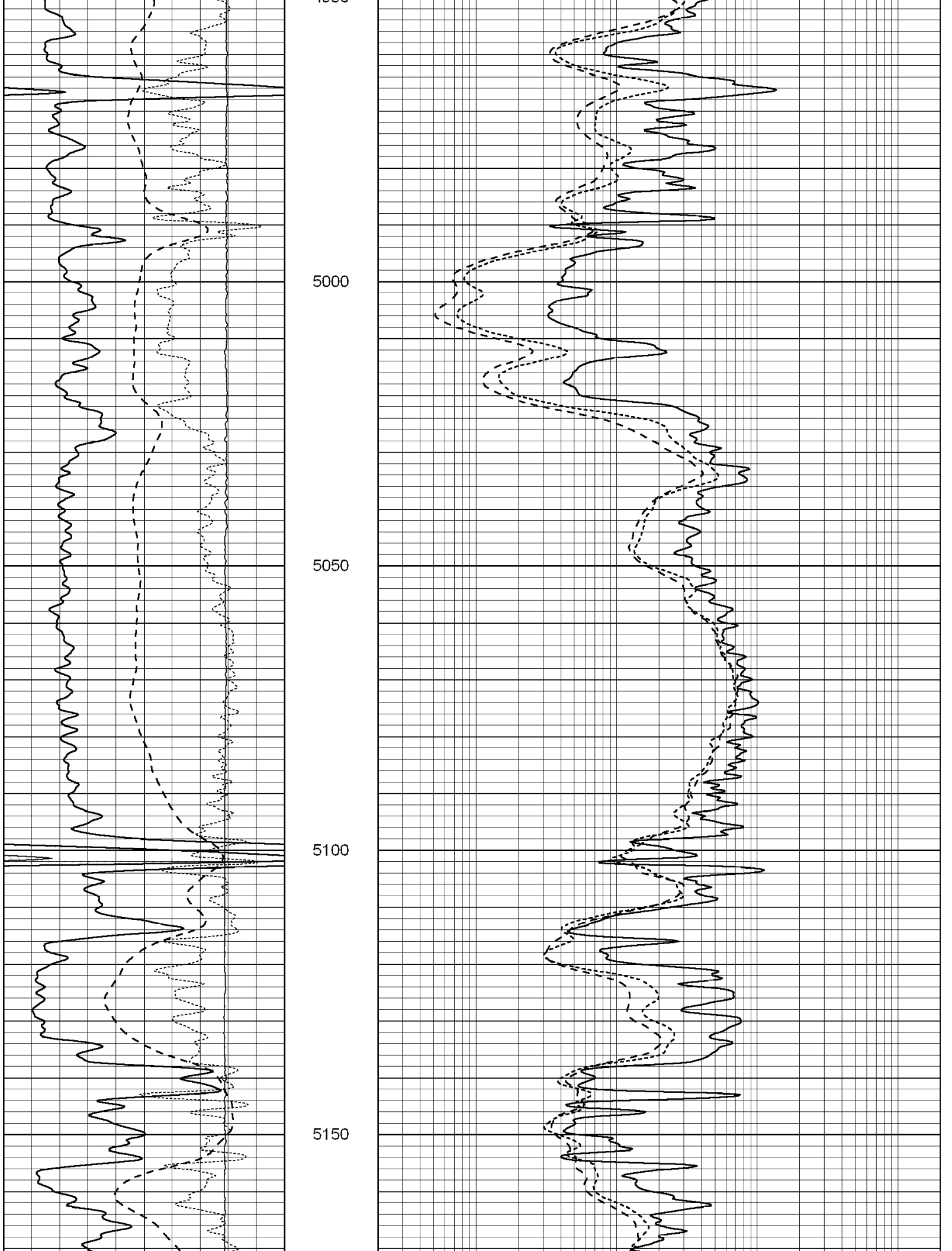
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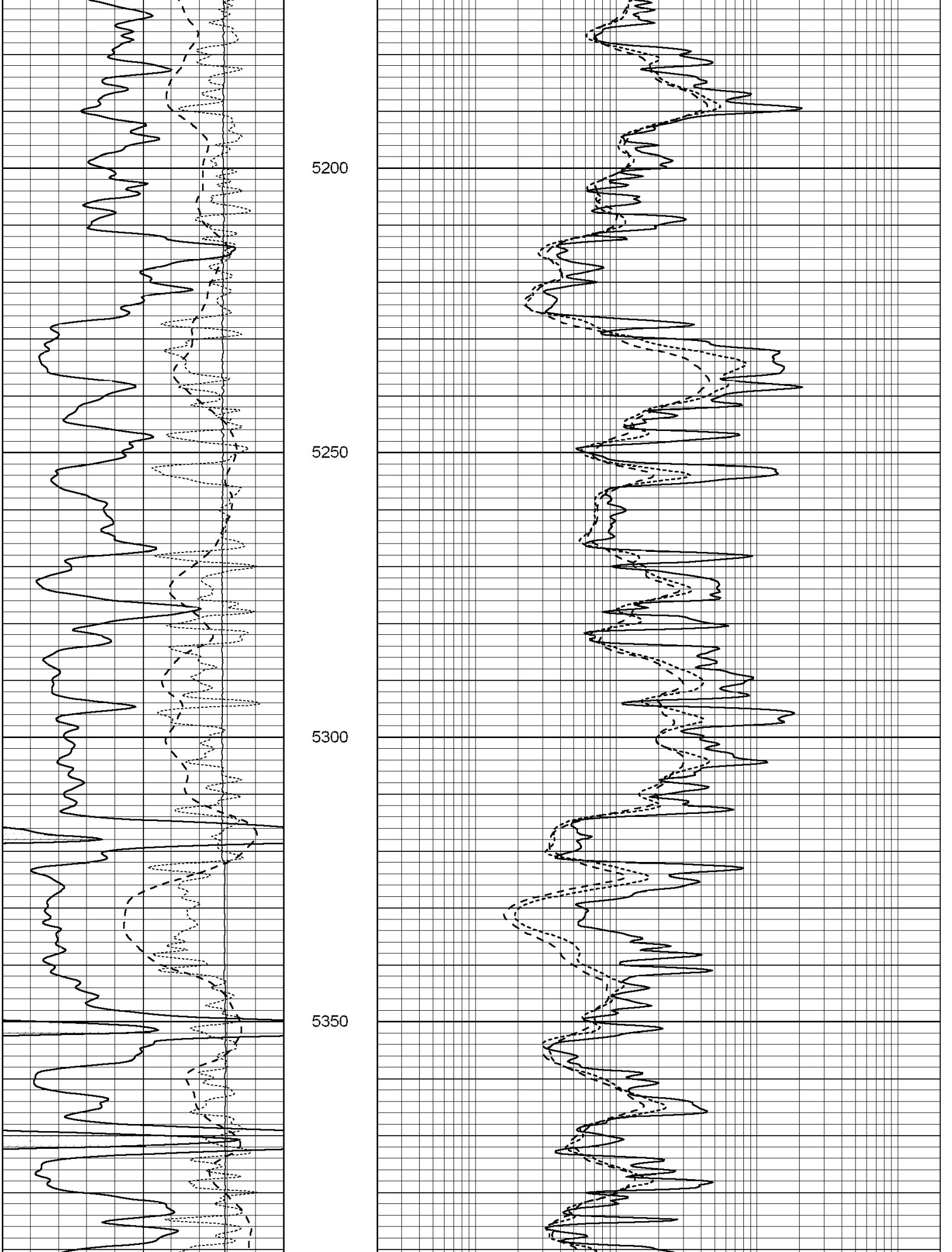
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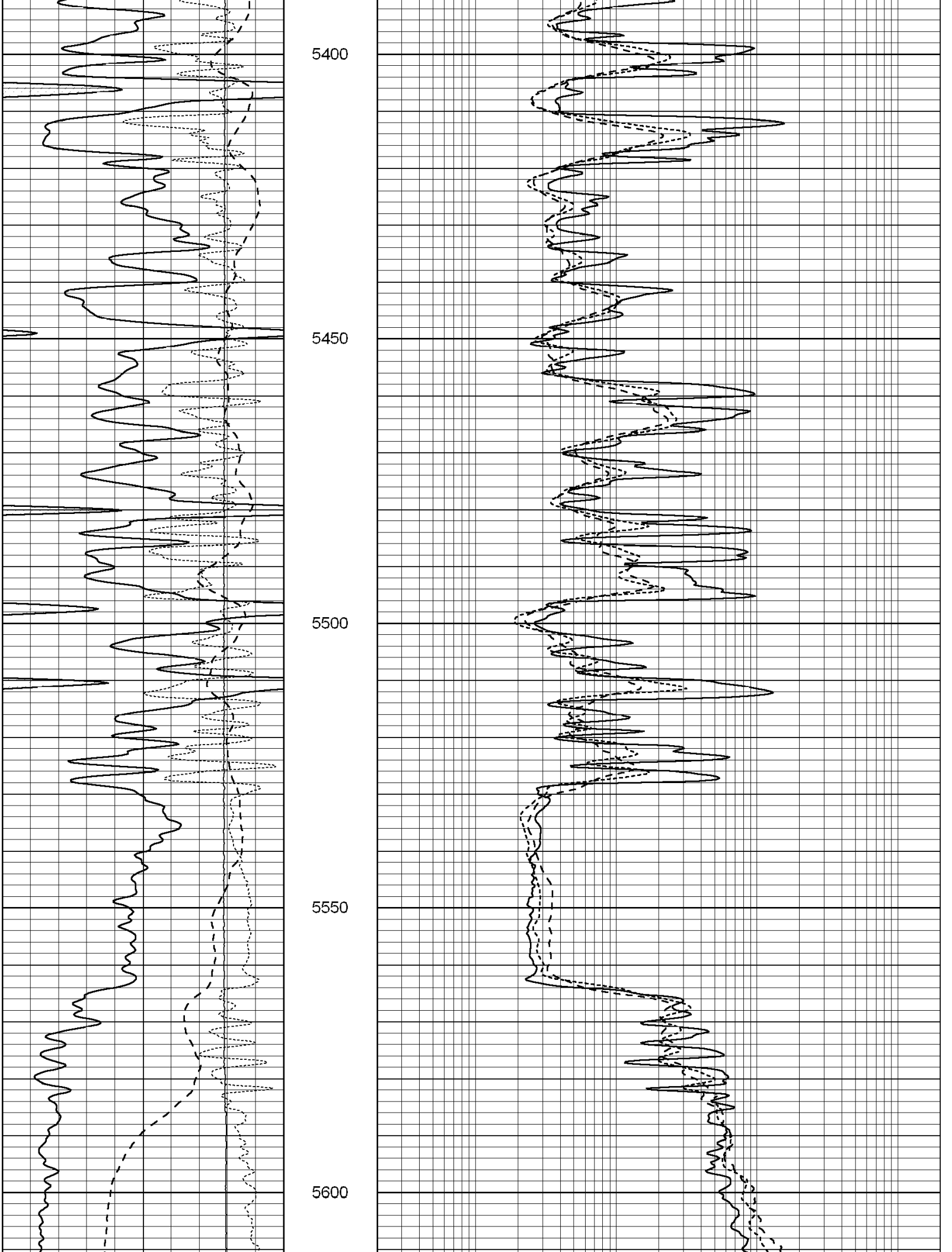
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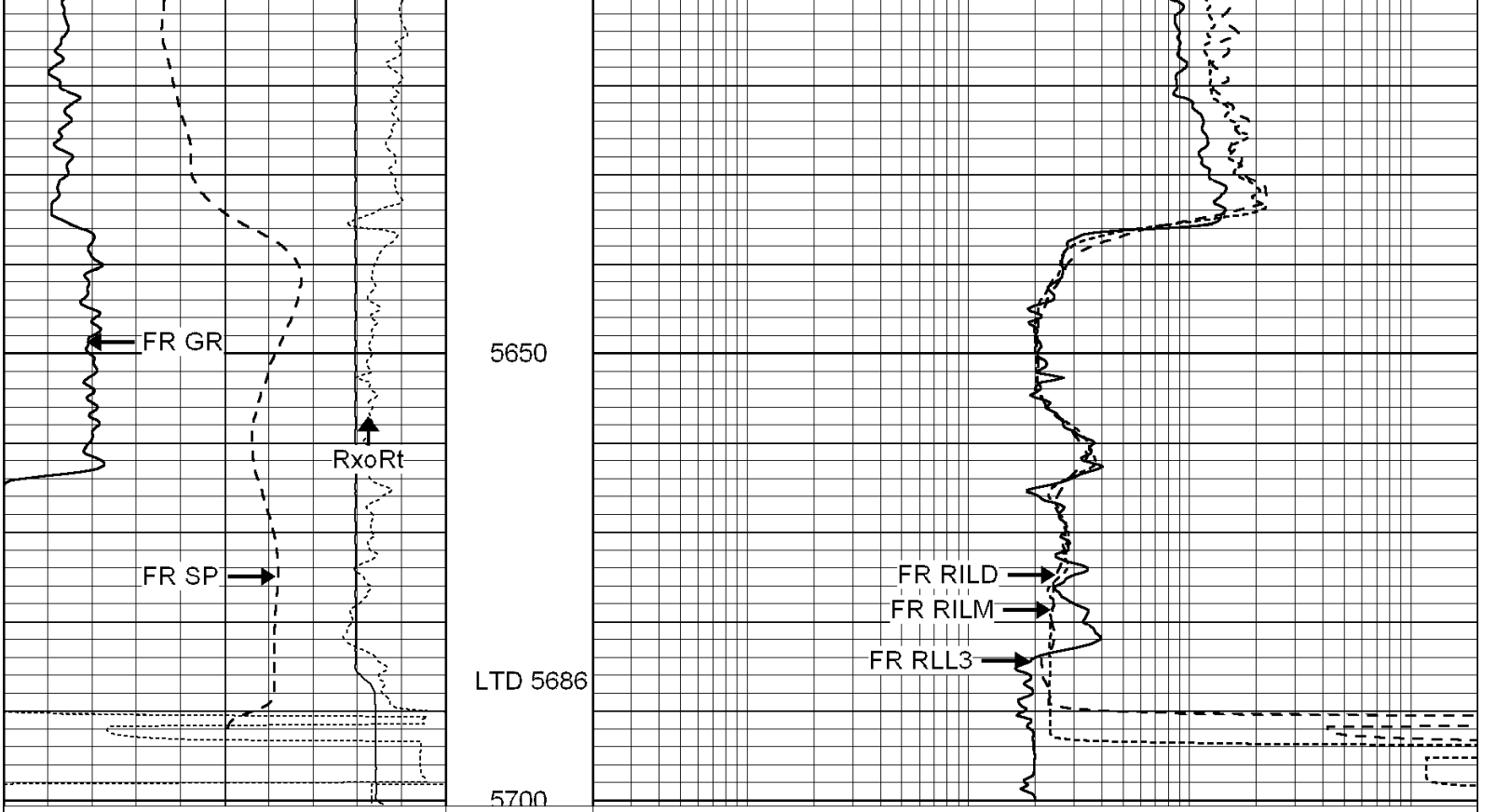


0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50
10000	LTEN (lb)	0

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

SUPERIOR WELL SERVICES

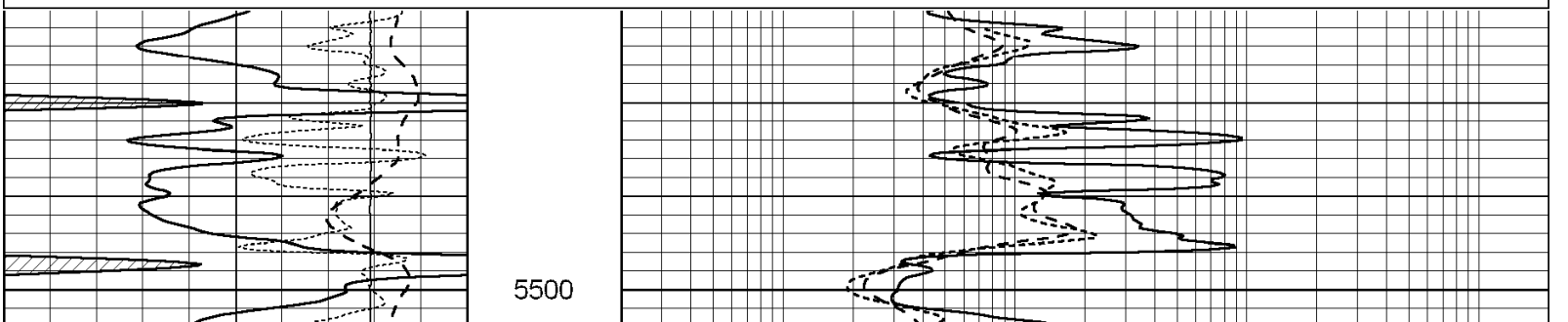
SUPERIOR
Hays,
Kansas

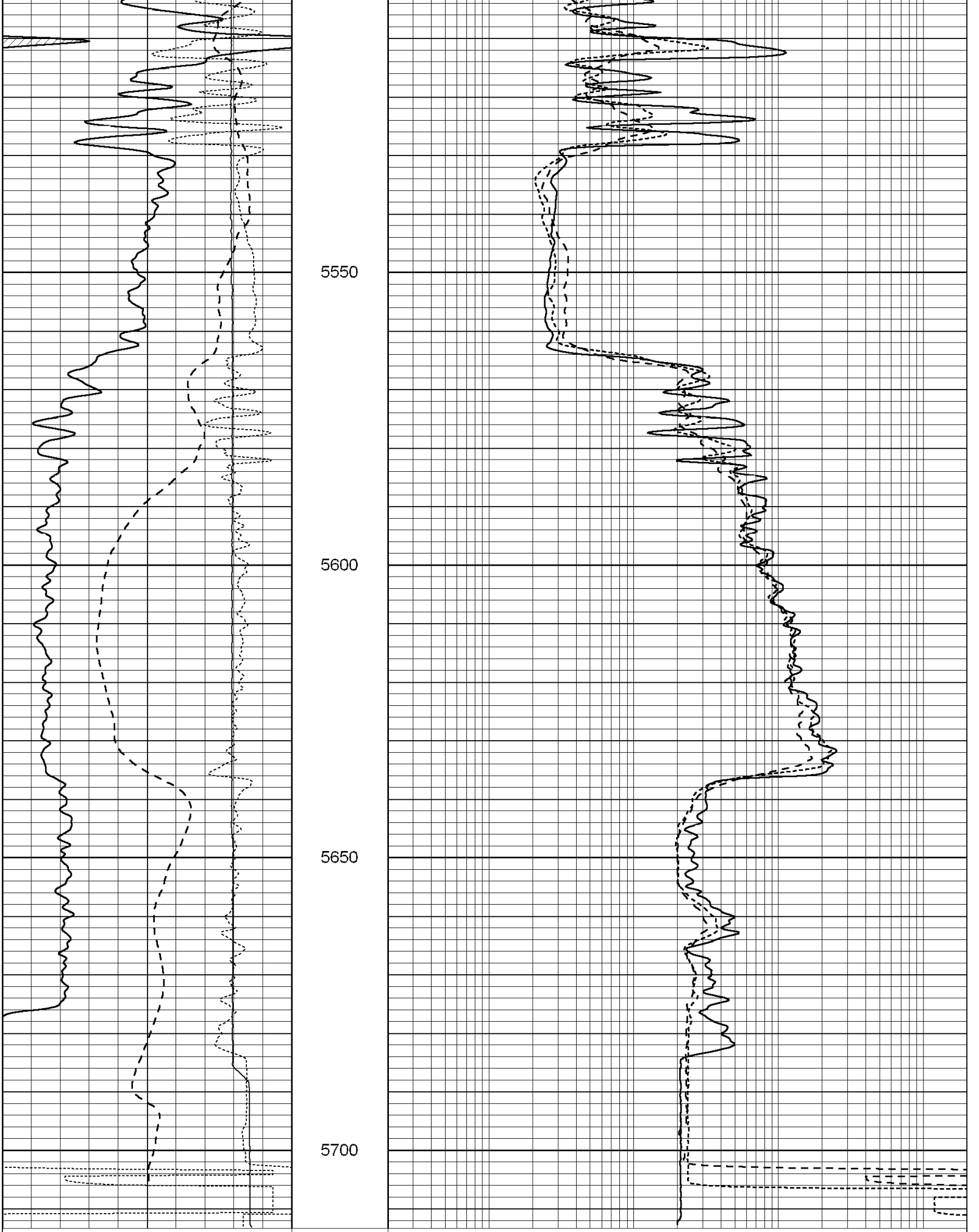
REPEAT SECTION

Database File:	3185berexco.db
Dataset Pathname:	pass3.5
Presentation Format:	_dil
Dataset Creation:	Tue Dec 30 05:36:25 2008 by Calc Open-Cased 070814
Charted by:	Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50
10000	LTEN (lb)	0

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




5550
5600
5650
5700
0
GAMMA RAY (GAPI)
150
-100
SP (mV)
100
0.2
RLL3 (Ohm-m)
2000
0.2
DEEP INDUCTION (Ohm-m)
2000

-250	Rxo/Rt	50	0.2	MEDIUM INDUCTION (Ohm-m)	2000
10000	LTEN (lb)	0			

Calibration Report

Database File: 3185berexco.db
Dataset Pathname: pass3.5
Dataset Creation: Tue Dec 30 05:36:25 2008 by Calc Open-Cased 070814

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	605.128	-17.682
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		
		-6.500	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: 002 Model: PRB
Performed Mon Oct 29 15:40:49 2007

Litho Density Calibration

	Background	Magnesium	Aluminum	Sandstone	
Window 1	1056.3	9118.0	2809.7	10378.4	cps
Window 2	969.9	7671.9	2431.6	8565.8	cps
Window 3	683.8	2939.8	1161.0	3161.8	cps
Window 4	231.4	231.6	226.7	230.8	cps
Long Space	0.0	6702.0	1461.7	7595.9	cps
Short Space	1.2	1433.6	959.4	1568.6	cps
Rho		1.7100	2.5900	1.3800	g/cc

Rho		1.7100		2.5900	1.5800	g/cc
Pe				2.5700	1.5500	

Rib Angle	: 45.2	Rib Slope	: 1.008	Density/Spine Ratio	: 0.559
Spine Angle	: 75.2	Spine Slope	: 3.791	Spine Intercept	: -18.7

Caliper

	Readings	Reference
Low Ref	4.1	14.3
High Ref	4.9	17.5
	Gain: 4.1	Offset: -4.4

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:	GR6	
Tool Model:	OPEN	
Performed:	Thu Jan 24 17:24:37 2008	
Calibrator Value:	150.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	350.0	cps
Sensitivity:	0.5586	GAPI/cps