NABORS
COMPLETION & PRODUCTION SERVICES CO.

DUAL INDUCTION LOG

Company VINCENT OIL CORPORATION
Well ELLIS LAND COMPANY #1-28
Field
County FORD State KANSAS

Location: API # : 15-057-20882-00-00

790' FSL & 725' FWL

SEC 28 TWP 29S RGE 22W

Other Services
CDL/CNL/PE
MEL/SON

Elevation
K.B. 2467
D.F. 2465
G.L. 2455

Permanent Datum GROUND LEVEL Elevation 2455
Log Measured From KELLY BUSHING 12' A.G.L.
Drilling Measured From KELLY BUSHING

Company VINCENT OIL CORPORATION
Well ELLIS LAND COMPANY #1-28
Field
County FORD
State KANSAS

Date	03/29/2013		
Run Number	ONE		
Depth Driller	5400		
Depth Logger	5401		
Bottom Logged Interval	5399		
Top Log Interval	0		
Casing Driller	606		
Casing Logger	602		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.3 / 59	CHLORIDES 7,400	
pH / Fluid Loss	10.5 / 7.4		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.65 @ 55 F		
Rmf @ Meas. Temp	0.49 @ 55 F		
Rmc @ Meas. Temp	0.78 @ 55 F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	0.28 @ 129 F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	128 F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	JEFF GRONEWEG		
Witnessed By	KEN LEBLANC		

<<< Fold Here >>>

Comments

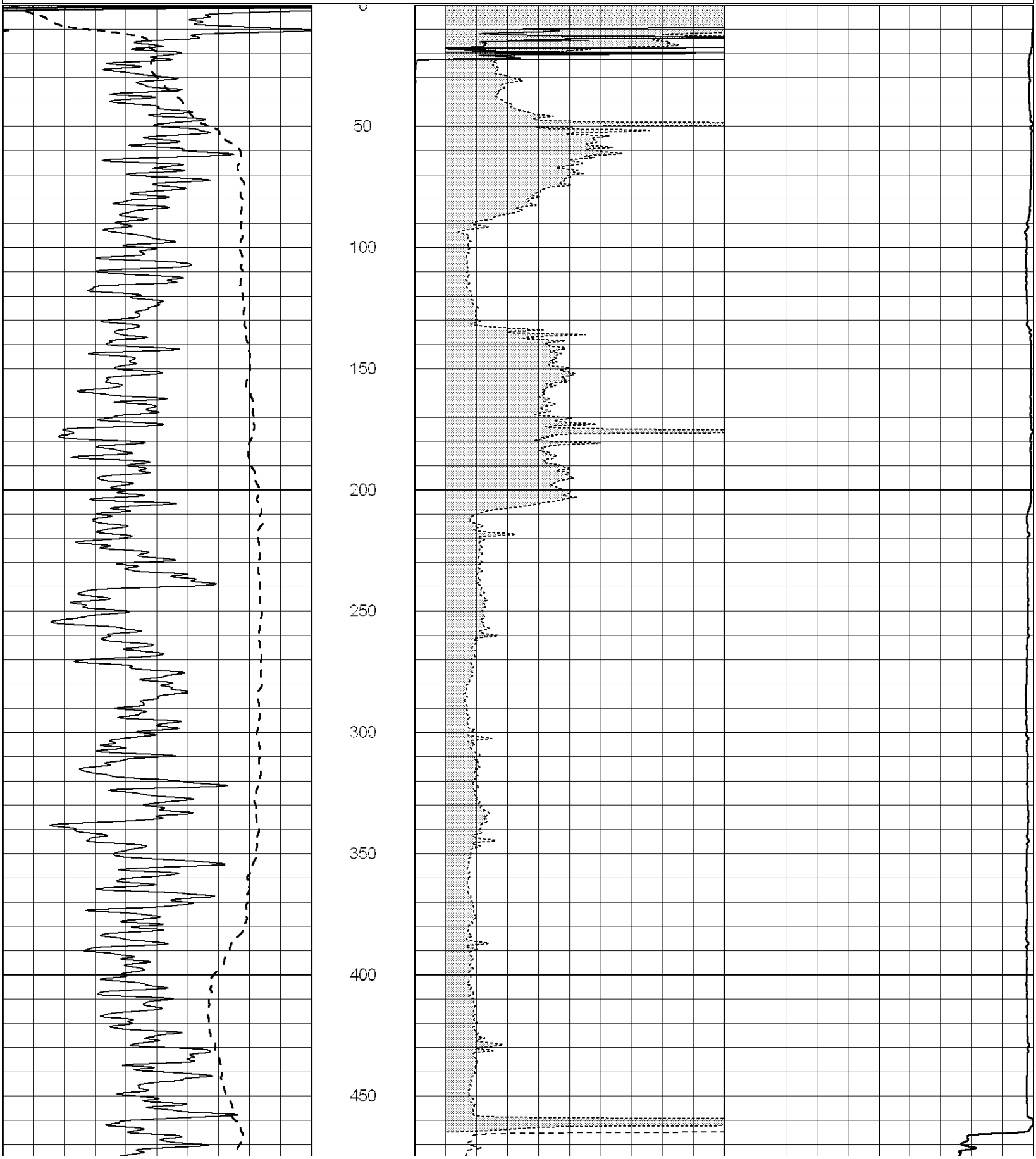
NABORS COMPLETION & PRODUCTION CO.
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: KINGSDOWN, KS - 2 1/2 MILES SOUTH ON RD 125 -1 MILE EAST
NORTH INTO

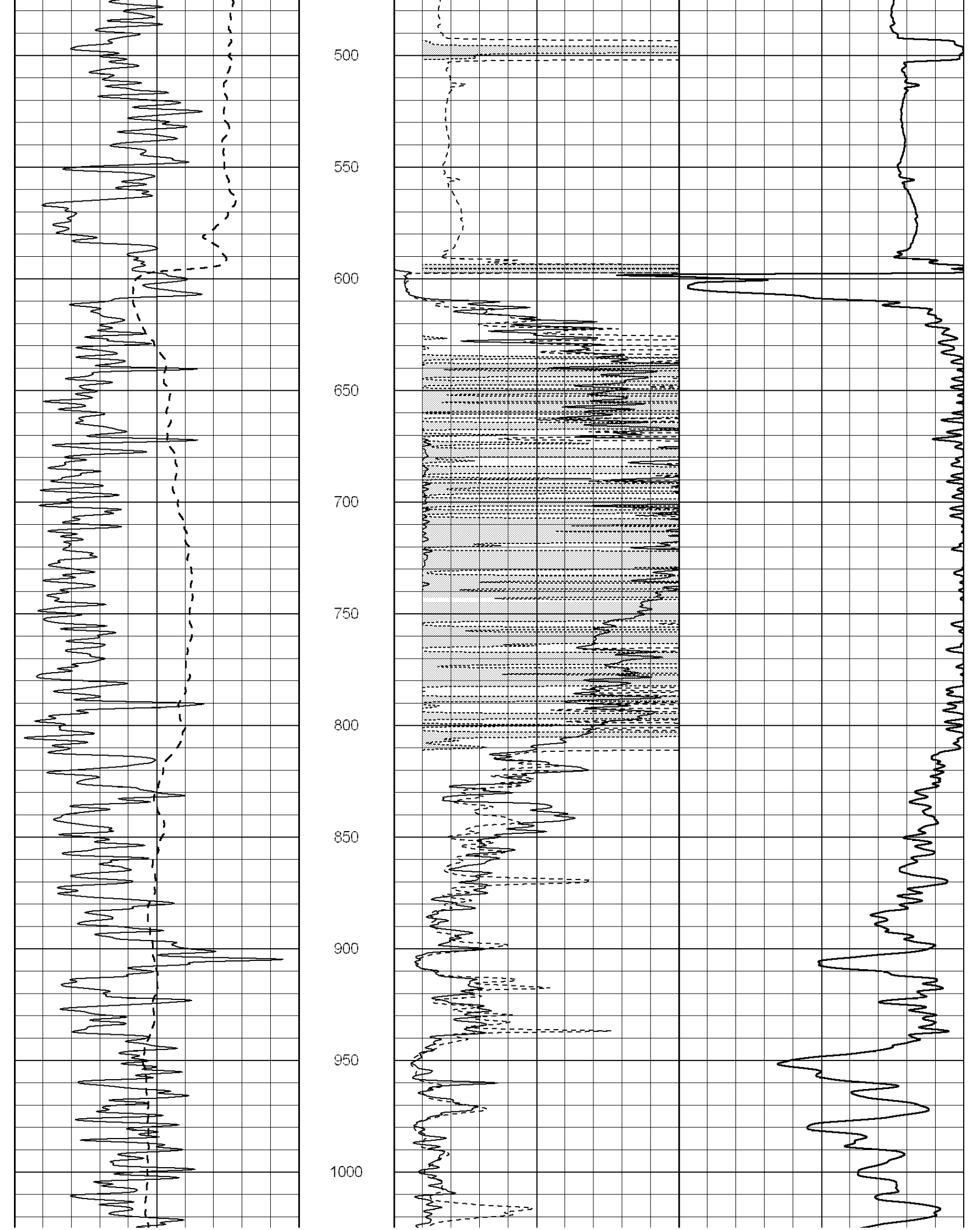
Database File: 010847pe.db
Dataset Pathname: pass3.6
Presentation Format: dil2
Dataset Creation: Fri Mar 29 06:29:47 2013 by Calc Open-Cased 090629

Charted by: Depth in Feet scaled 1:600

0	Gamma Ray (GAPI)	150

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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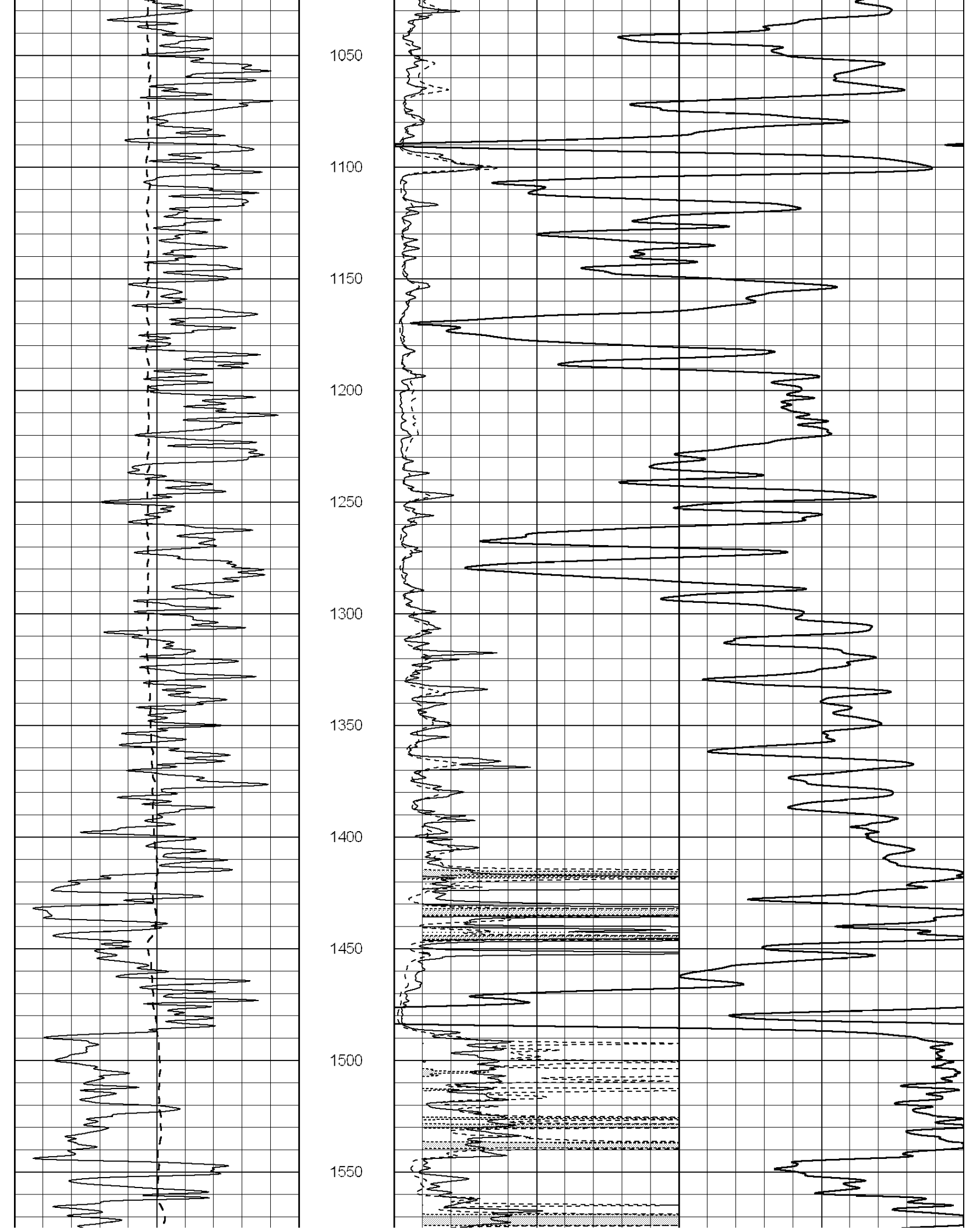
550
600
650
700
750
800
850
900
950
1000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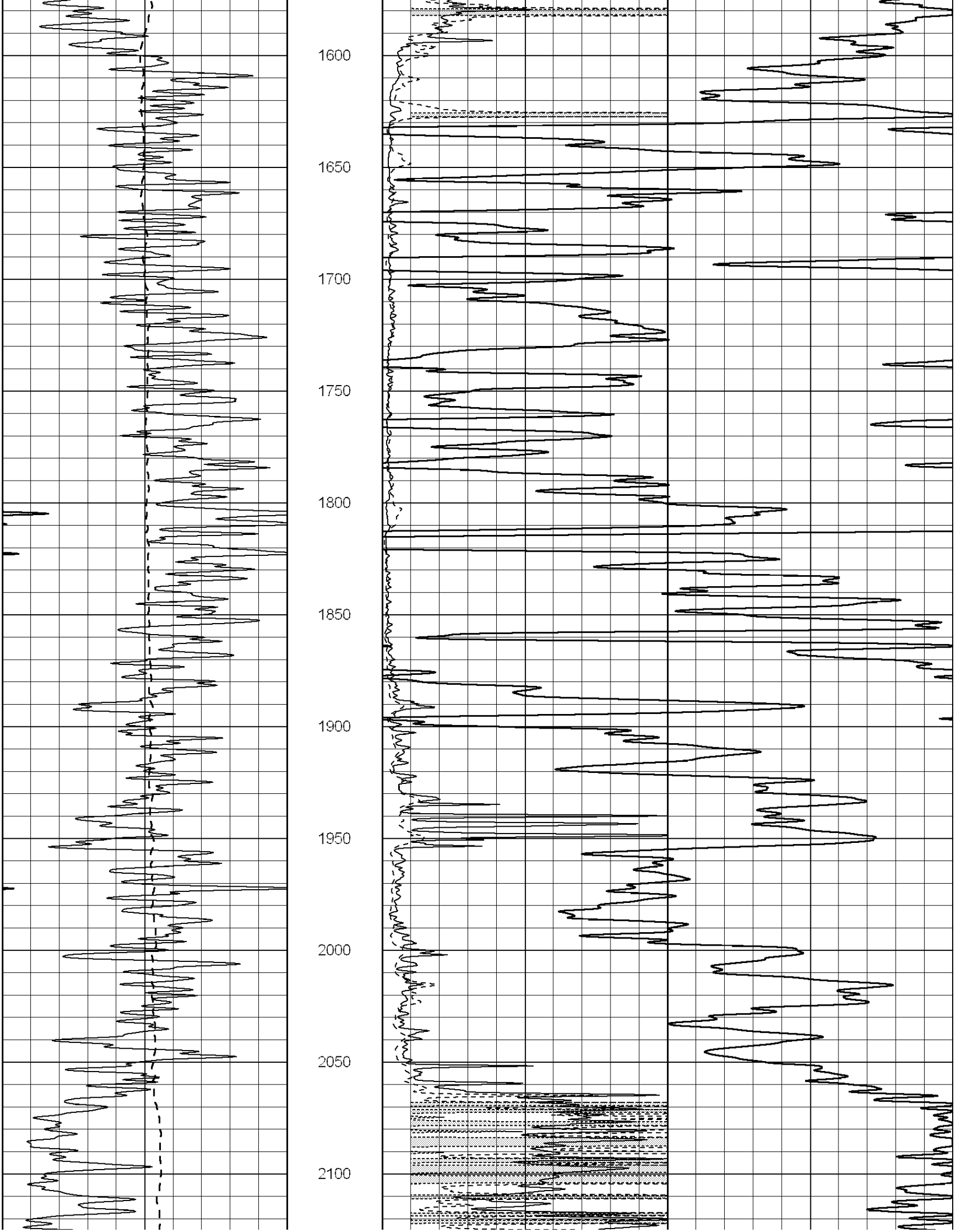
1200
1250
1300
1350
1400
1450
1500
1550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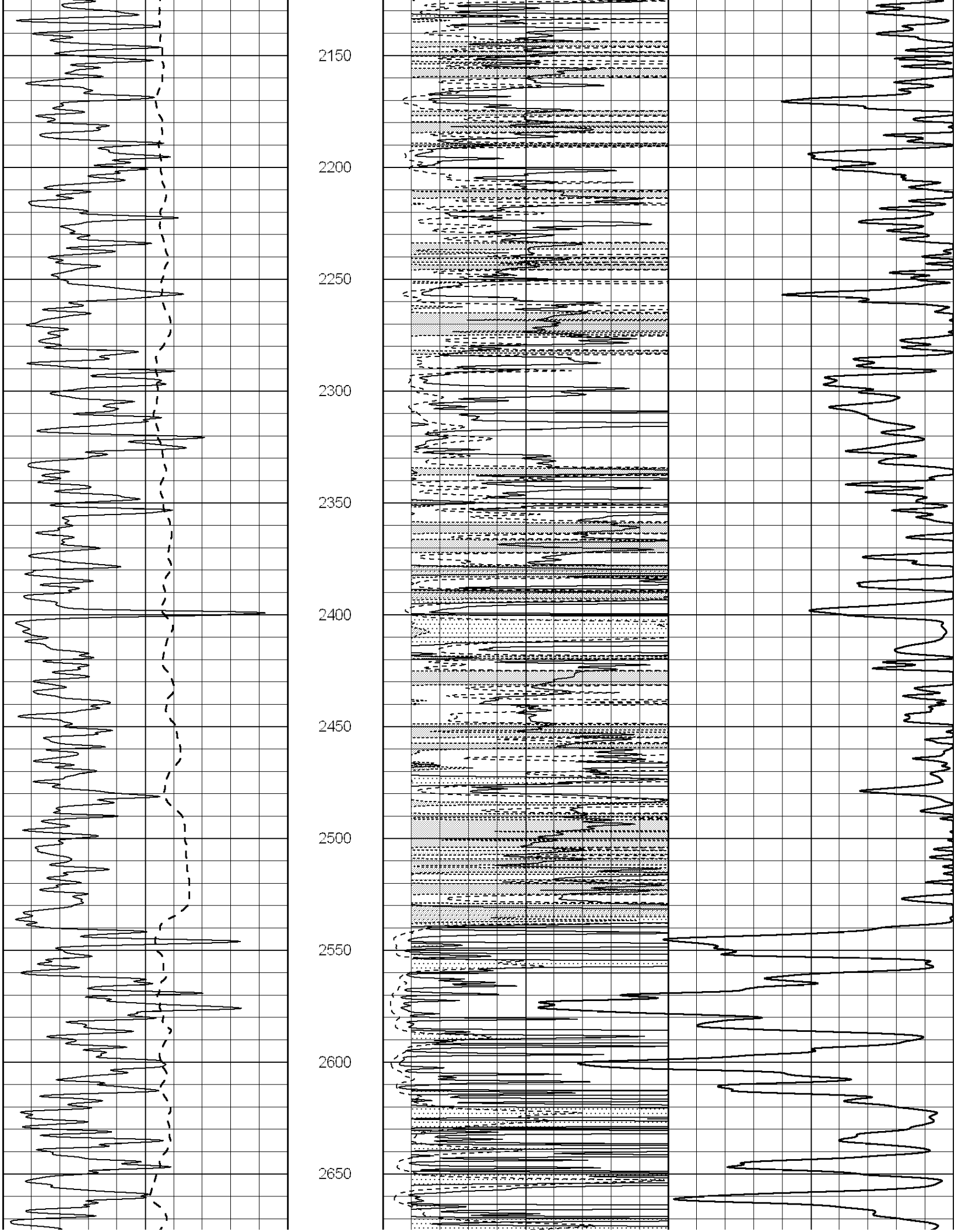
1650
1700
1750
1800
1850
1900
1950
2000
2050
2100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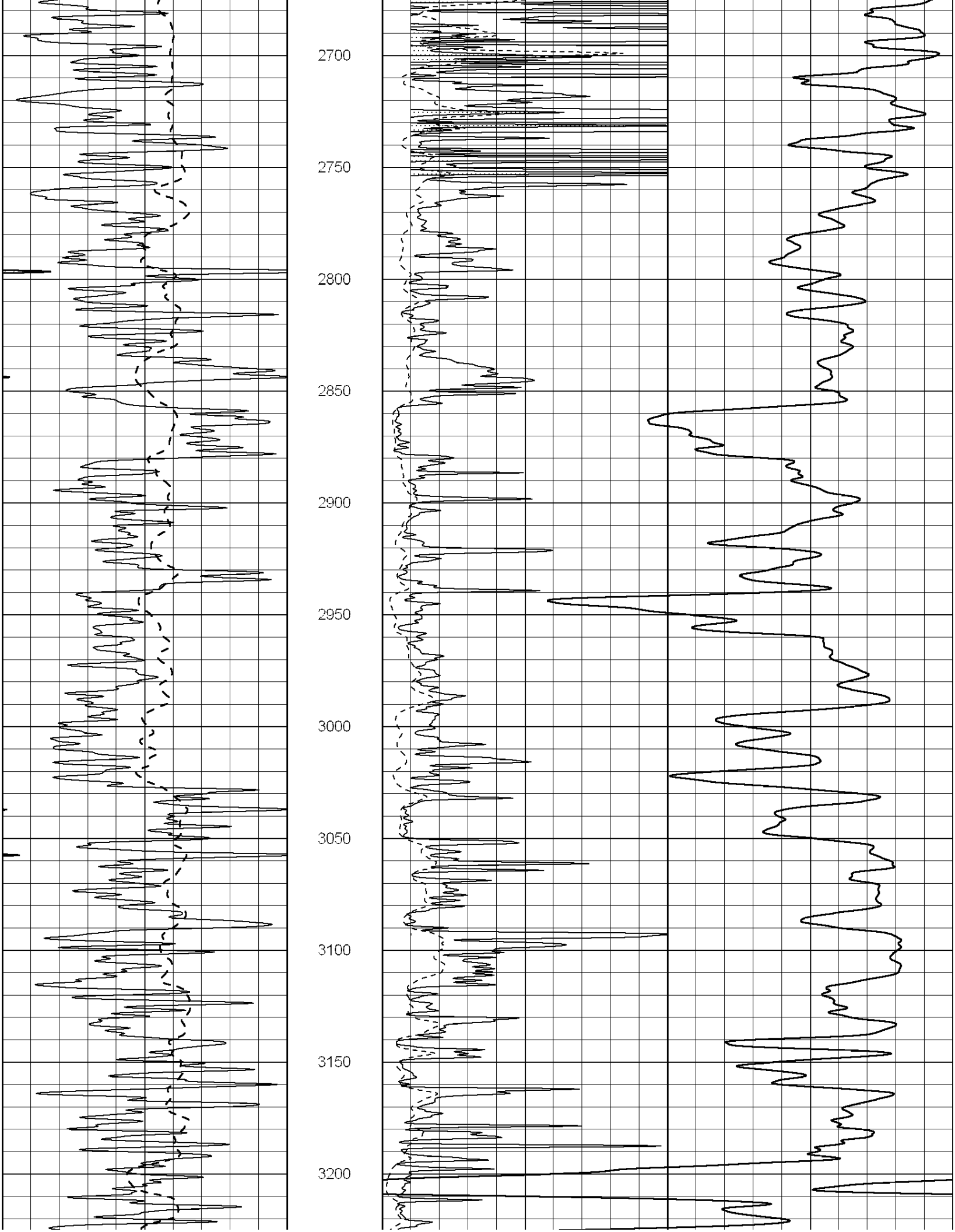
2250
2300
2350
2400
2450
2500
2550
2600
2650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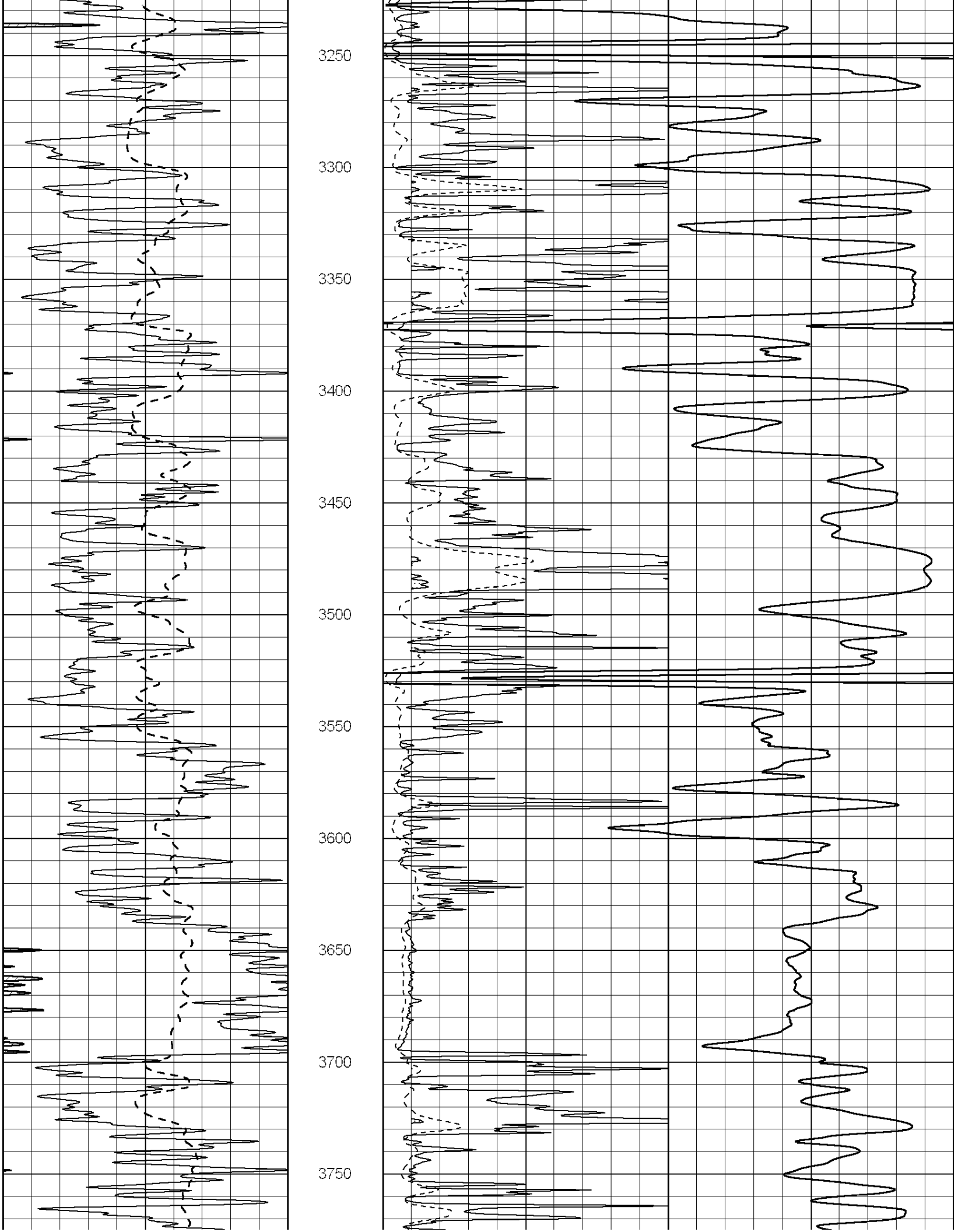
2900
2950
3000
3050
3100
3150
3200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3400
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3500
3550
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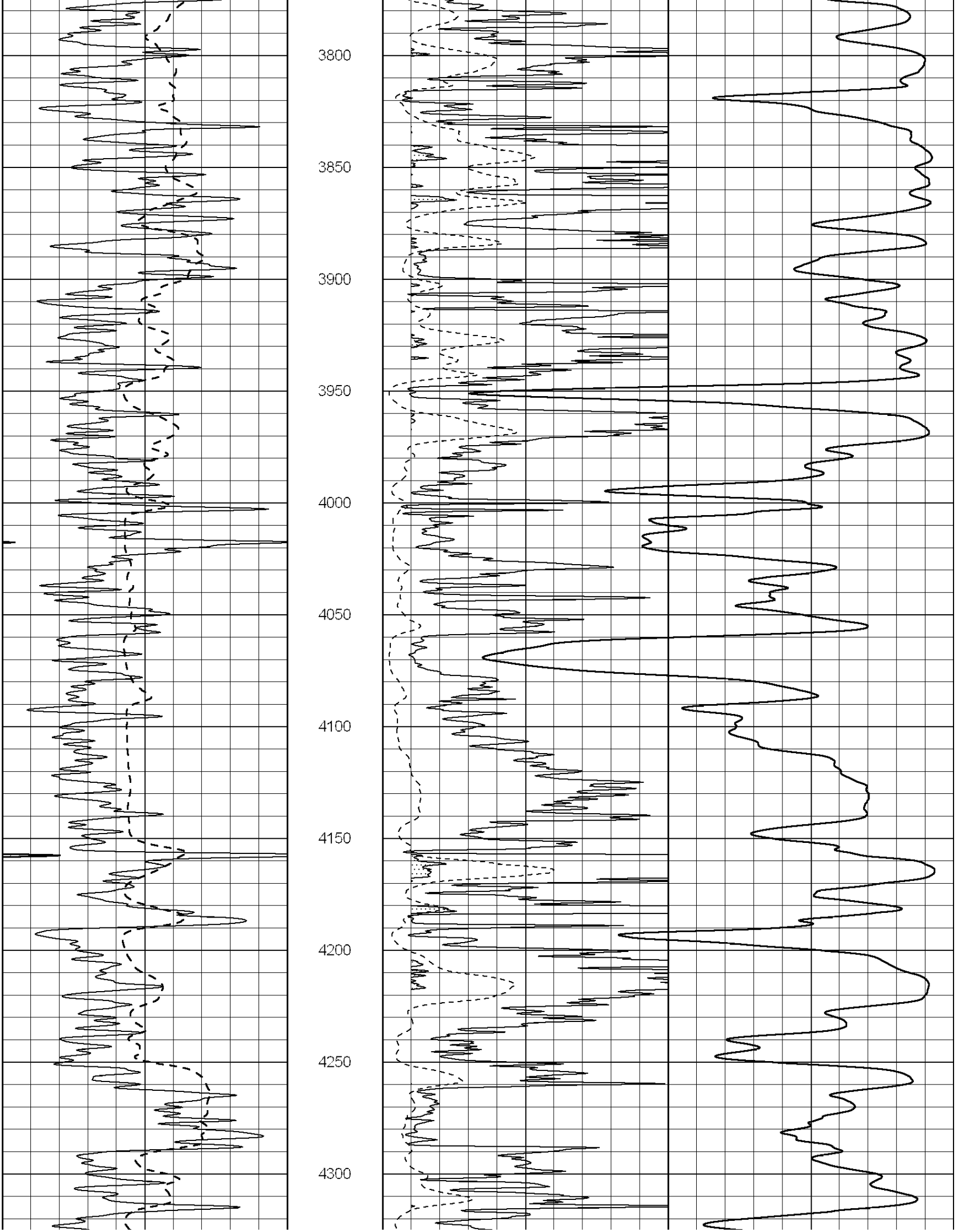
3650
3700
3750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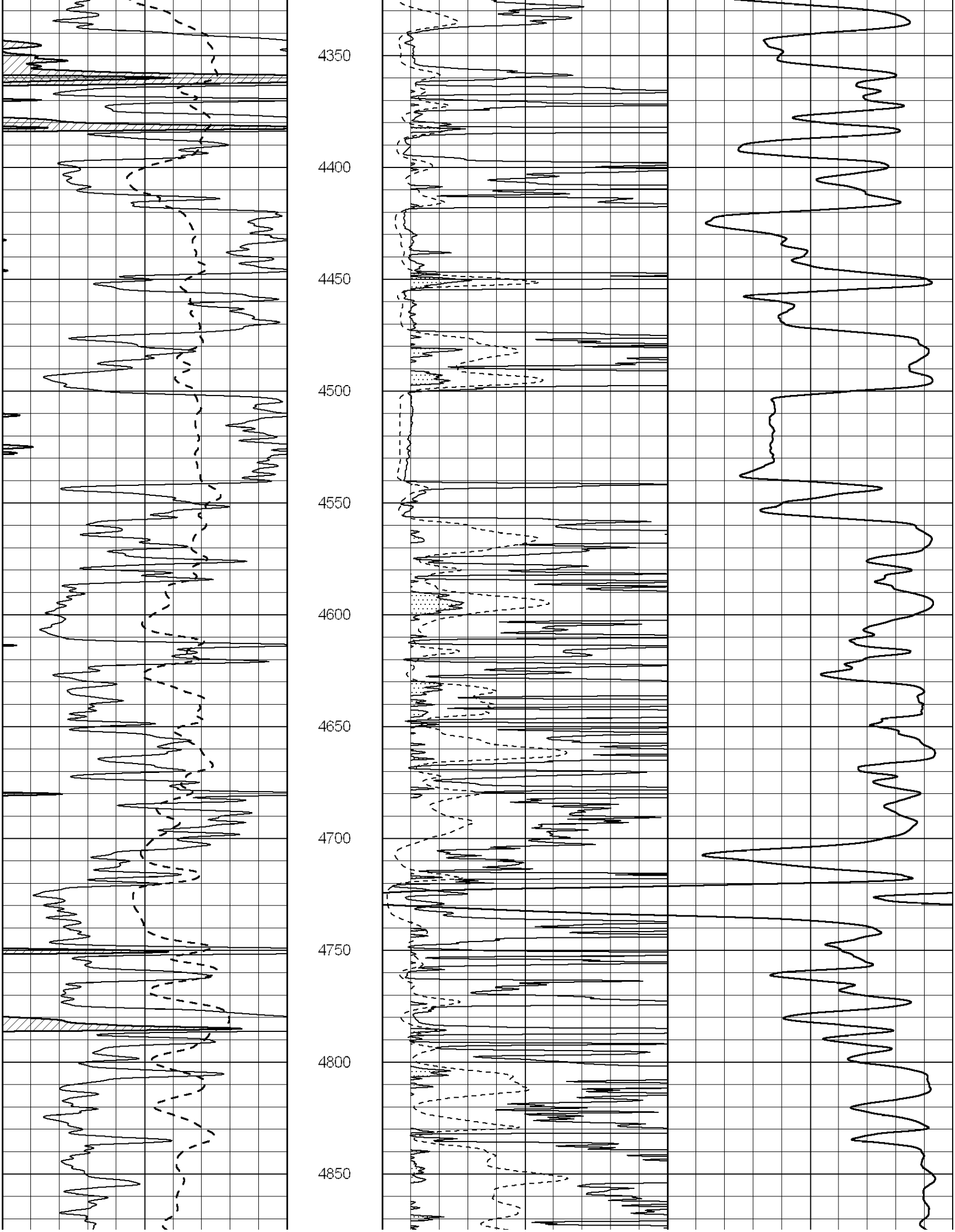
3900
3950
4000
4050
4100
4150
4200
4250
4300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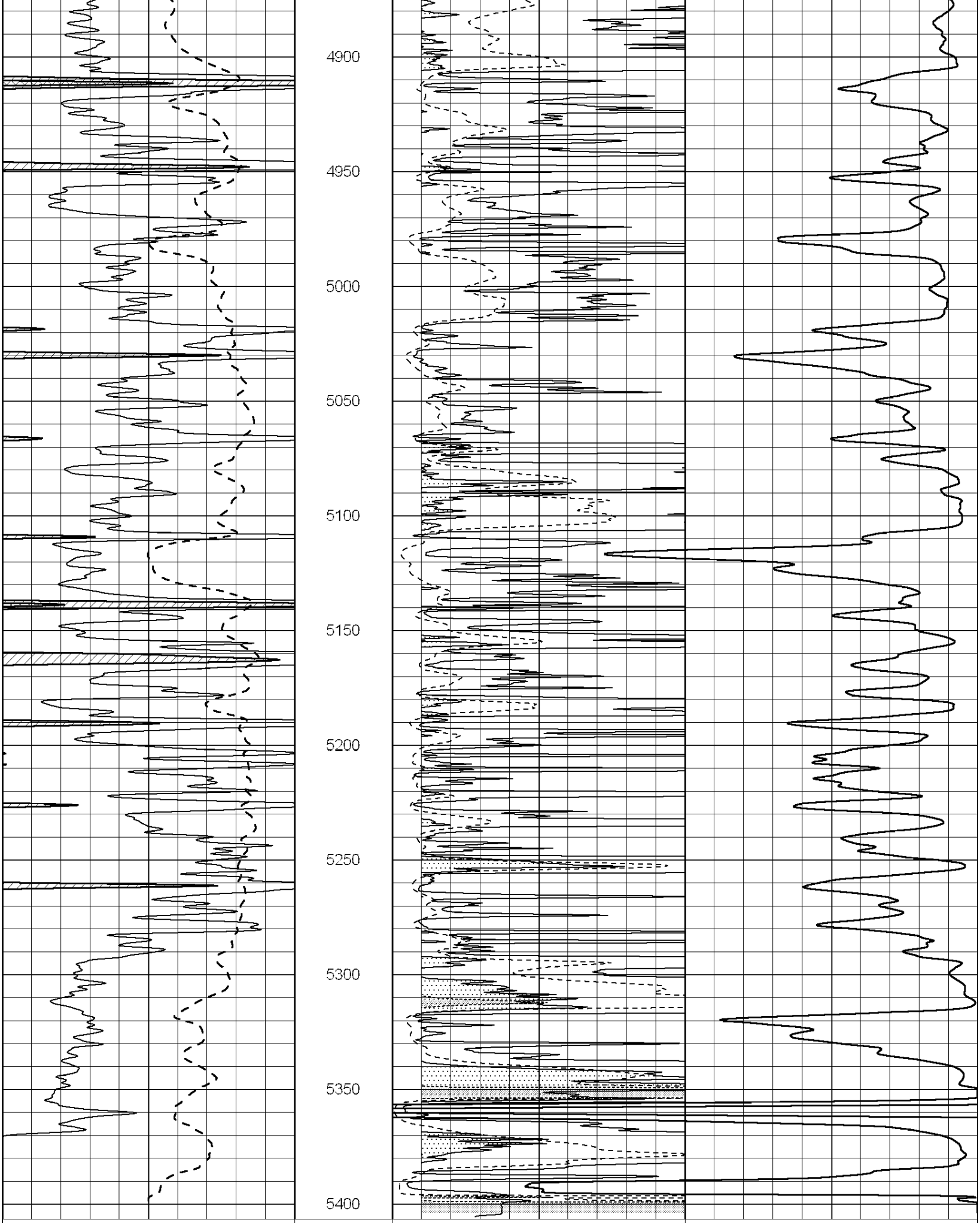
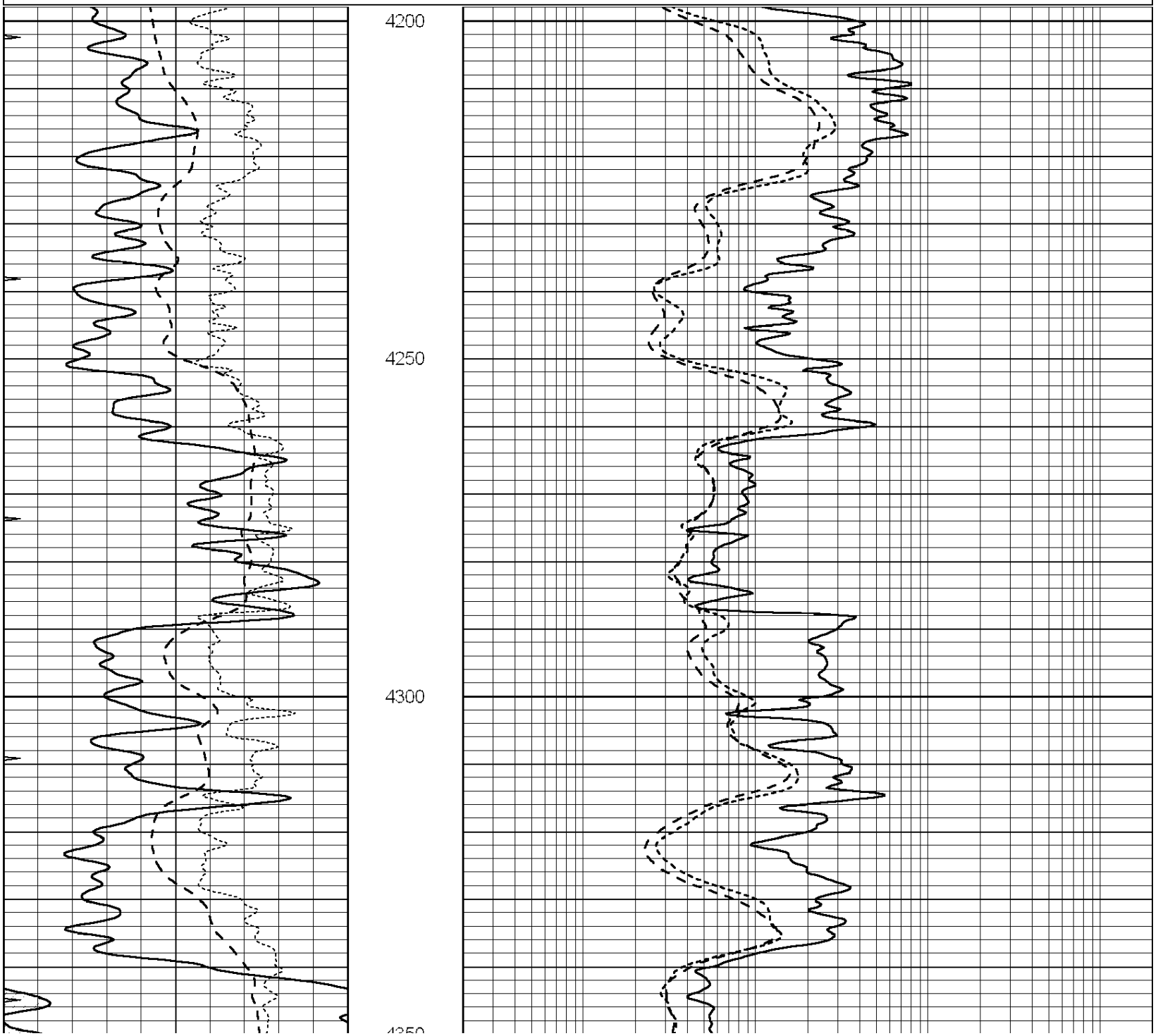

4900
4950
5000
5050
5100
5150
5200
5250
5300
5350
5400
0
Gamma Ray (GAPI)
150
0
RLL3 (Ohm-m)
50
0
Deep Induction (Ohm-m)
50

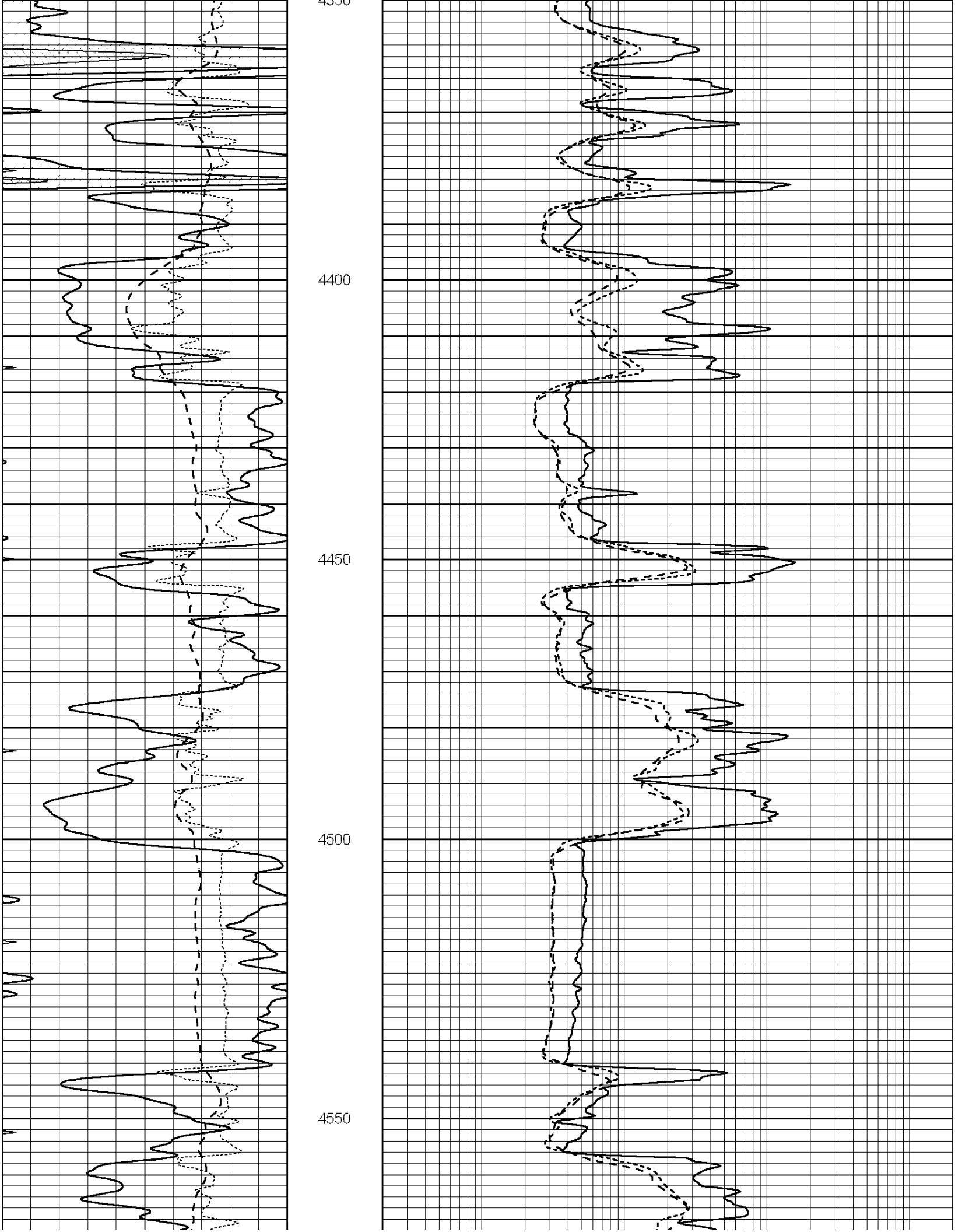
1000	CILD (mmho/m)	0
50	RILD X10 (Ohm-m)	500
50	RLL3 X10 (Ohm-m)	500

Database File: 010847pe.db
Dataset Pathname: pass3.5
Presentation Format: dil
Dataset Creation: Fri Mar 29 04:27:02 2013 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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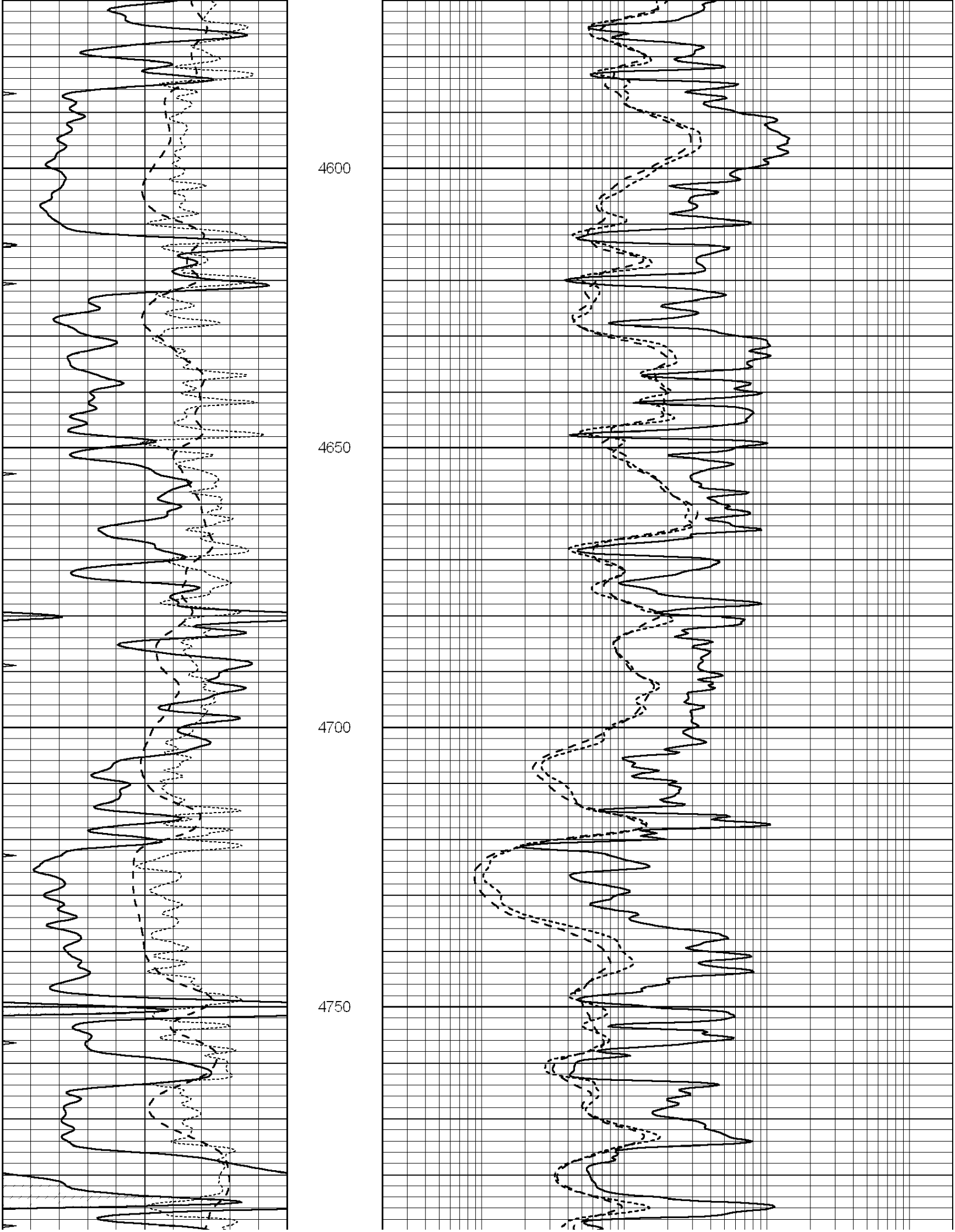
4500
4550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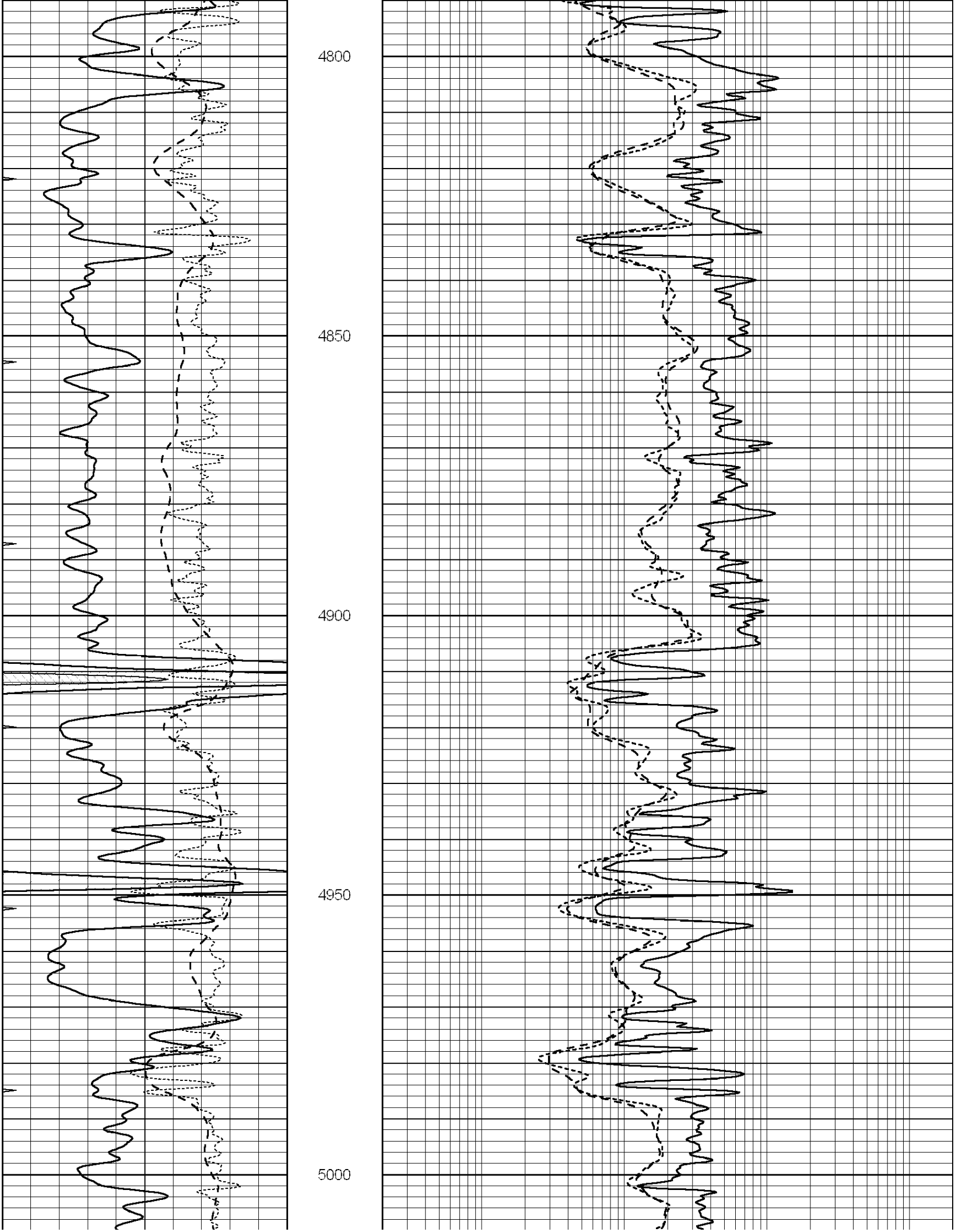
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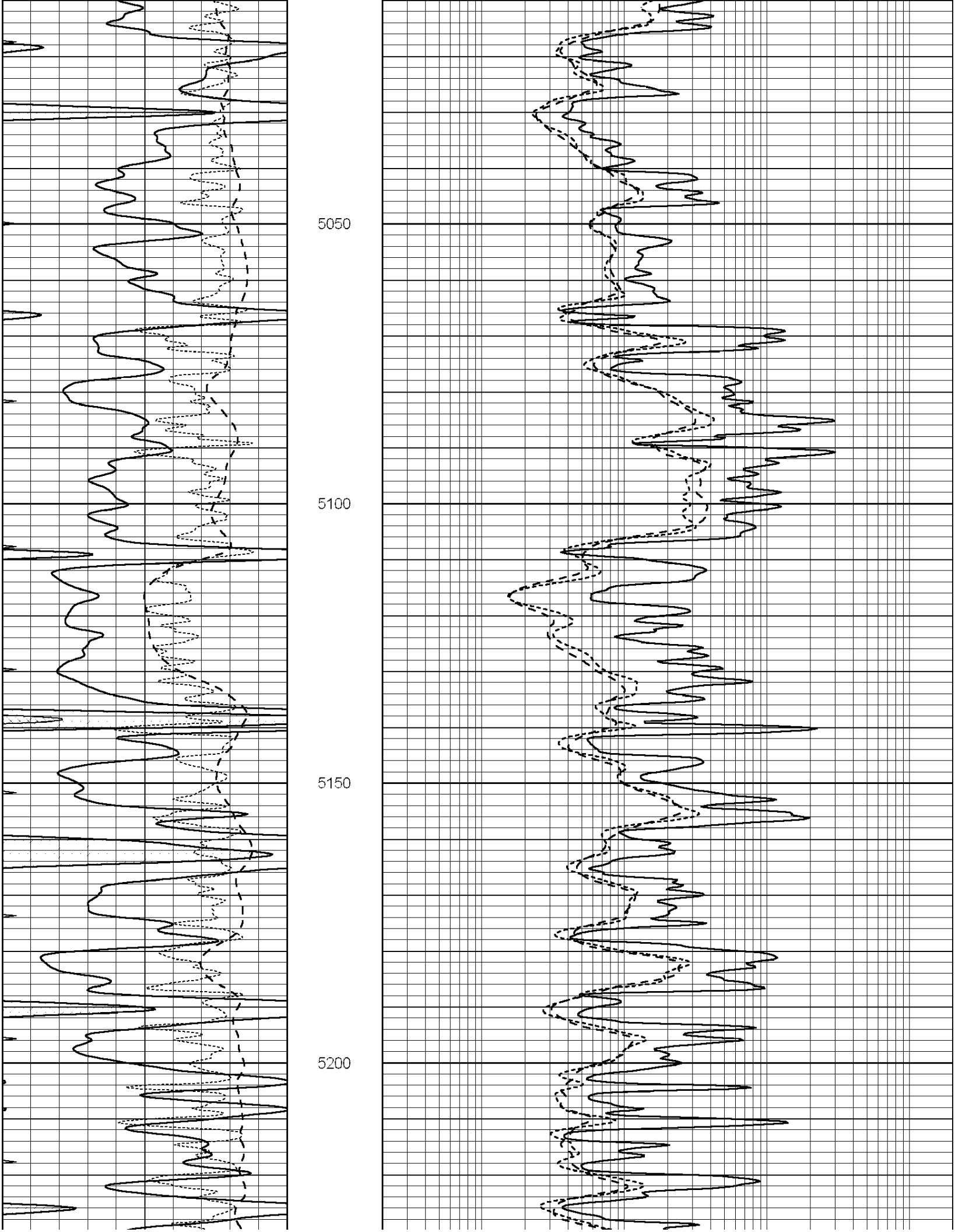
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5100
5150
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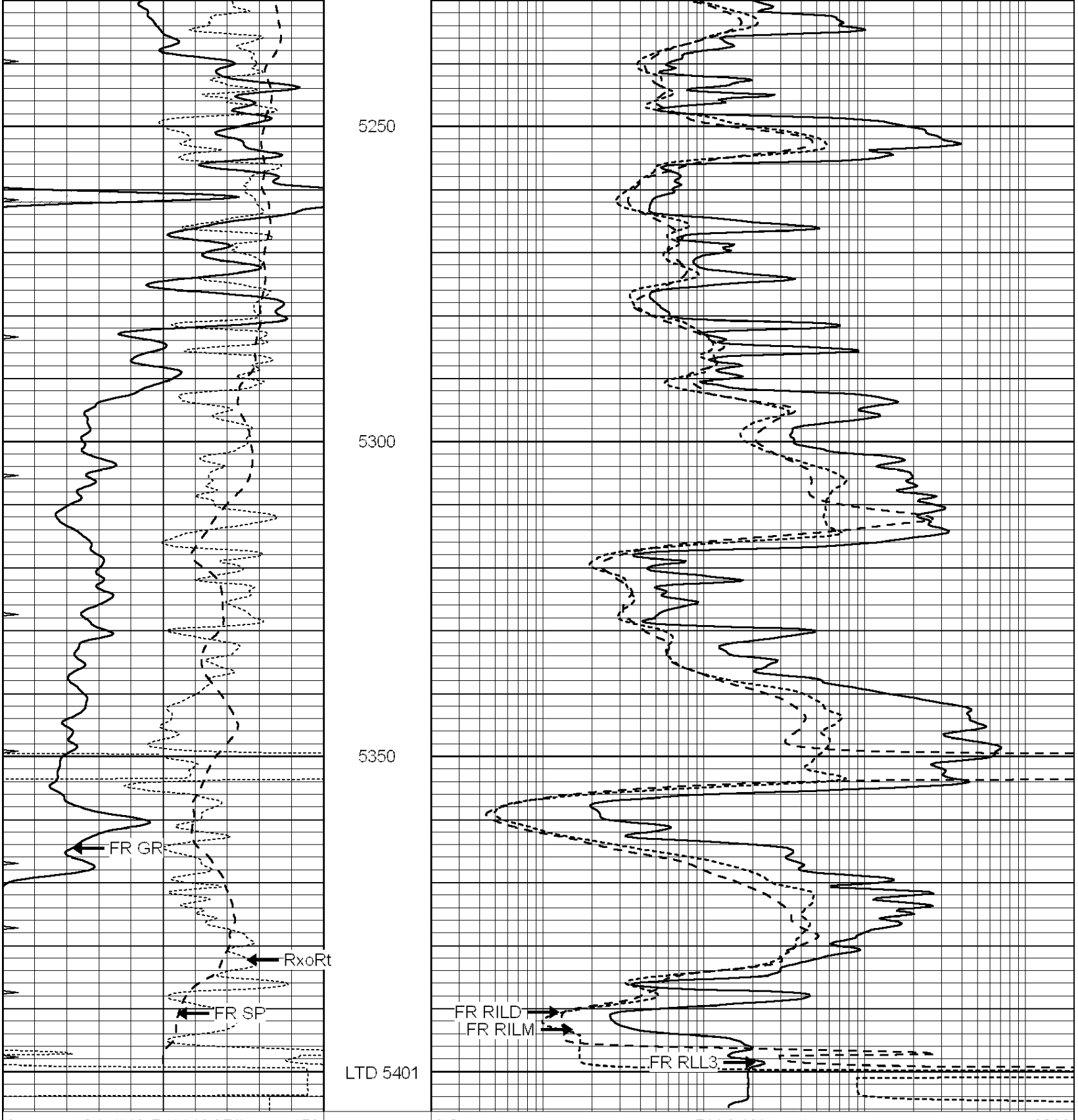


NABORS
COMPLETION

REPEAT SECTION

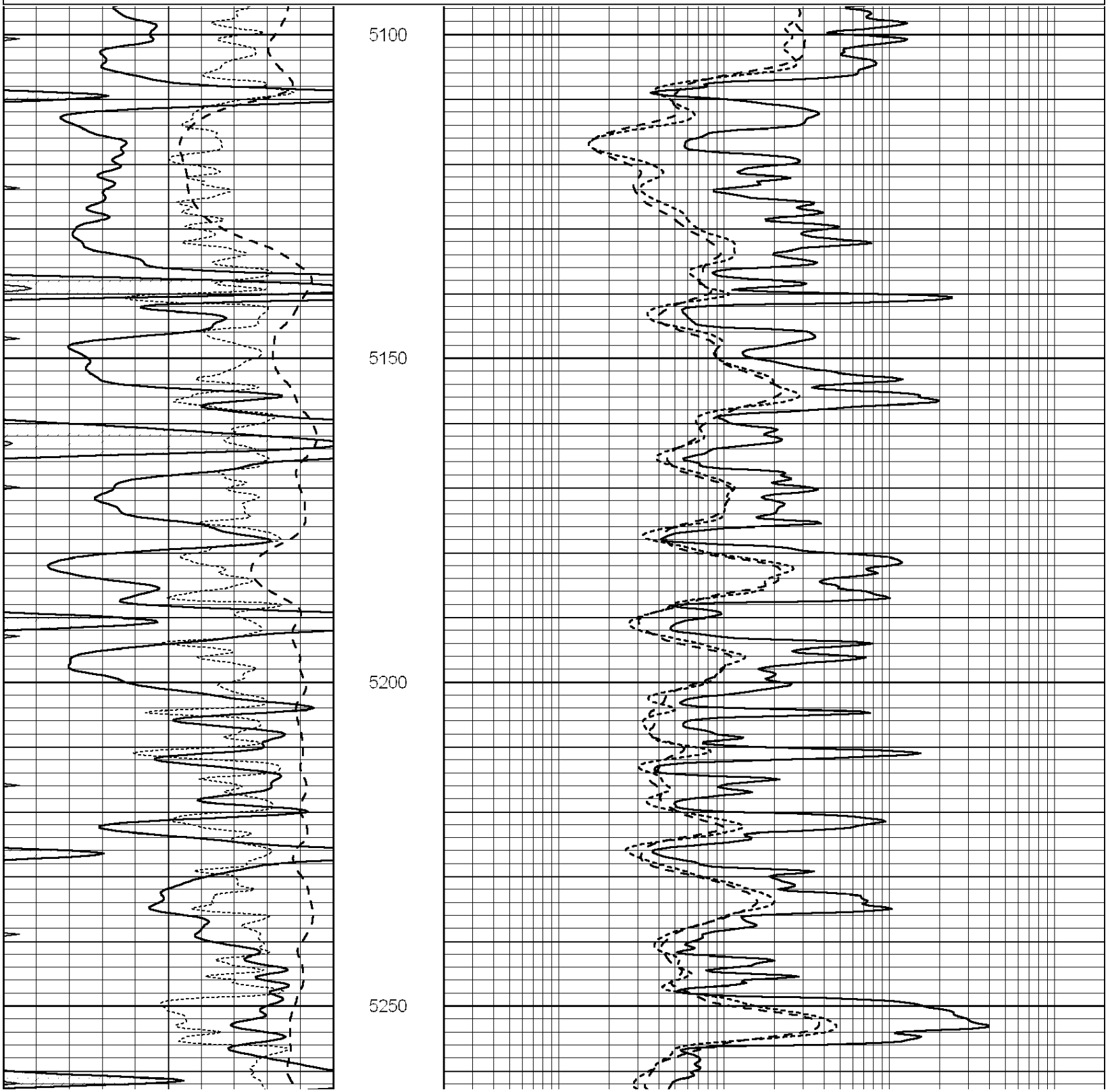
& PRODUCTION
SERVICES CO.

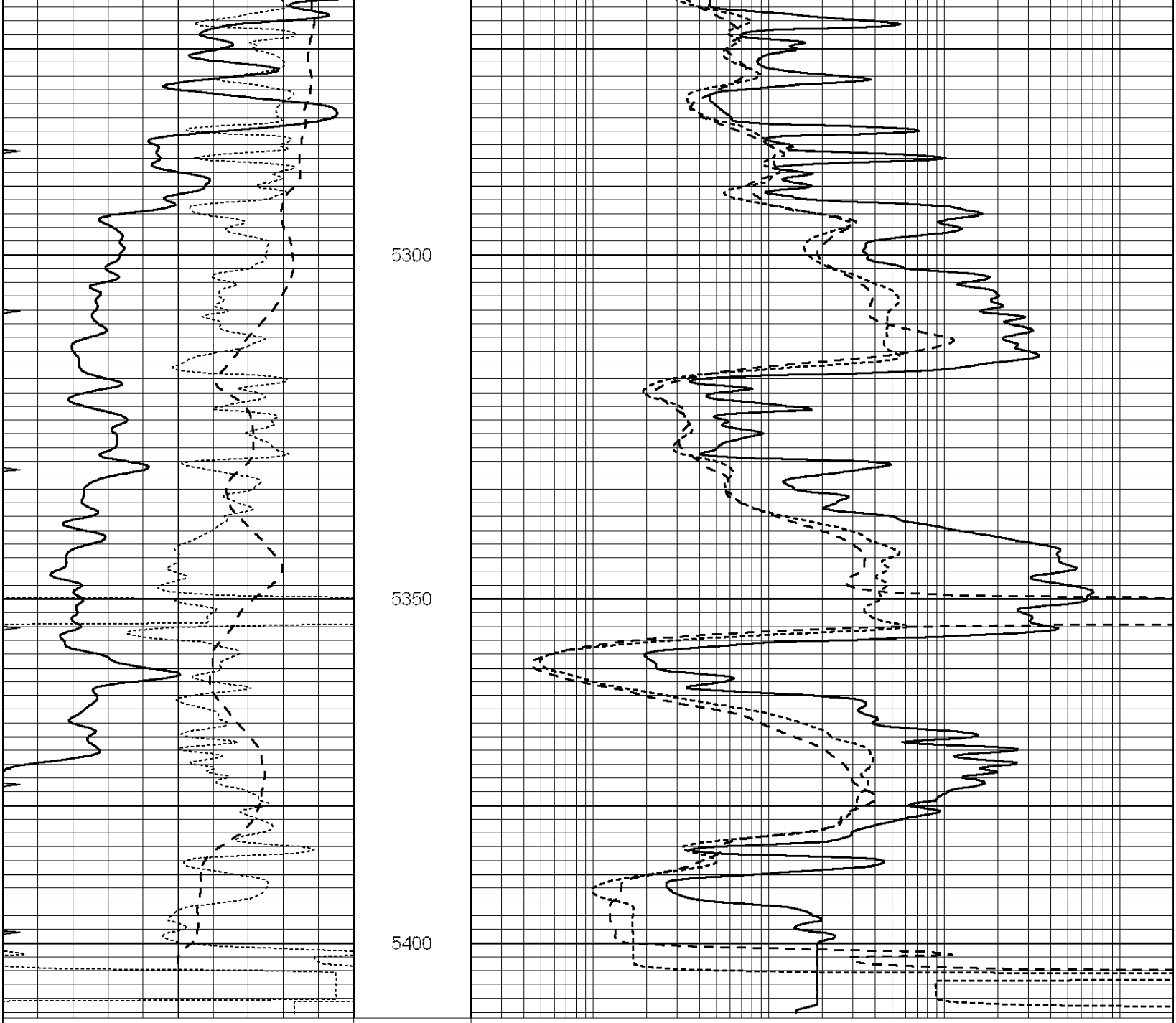
REPEAT SECTION

Database File: 010847pe.db
Dataset Pathname: pass2.2
Presentation Format: dil
Dataset Creation: Fri Mar 29 03:29:03 2013 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





Calibration Report

Database File: 010847pe.db
Dataset Pathname: pass3.6
Dataset Creation: Fri Mar 29 06:29:47 2013 by Calc Open-Cased 090629

Dual Induction Calibration Report

Serial-Model:	PROBE7-DILG
Surface Cal Performed:	Tue Mar 26 01:01:54 2013
Downhole Cal Performed:	Sat Jan 19 19:51:38 2013
After Survey Verification Performed:	Sat Jan 19 19:51:38 2013

Surface Calibration

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	620.000	0.000
Medium	0.992	1.002	V	0.000	464.000	mmho/m	680.000	-48.000
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		

Litho Density Calibration Report

Serial: 002 Model: PRB
Performed Mon Apr 02 17:56:53 2012

Litho Density Calibration

	Background	Magnesium	Aluminum	Sandstone	
Window 1	872.3	7266.3	2292.6	7931.5	cps
Window 2	822.9	5957.5	1958.0	6389.6	cps
Window 3	670.4	3219.9	1211.9	3388.2	cps
Window 4	201.6	201.1	202.3	204.6	cps
Long Space	0.0	5134.6	1135.0	5566.6	cps
Short Space	1.1	994.2	674.4	1059.2	cps
Rho		1.7100	2.5960	1.3800	g/cc
Pe			2.5700	1.5500	

Rib Angle	: 45.6	Rib Slope	: 1.020	Density/Spine Ratio	: 0.569
Spine Angle	: 75.6	Spine Slope	: 3.888	Spine Intercept	: -18.3

Caliper

	Readings	Reference
Low Ref	4.3	8.4
High Ref	6.1	14.0
	Gain: 3.0	Offset: -4.3

Compensated Neutron Calibration Report

Serial Number: NEU_4I
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 Mar 26 03:22:48 2013	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	2.4000	GAPI/cps