SUPERIOR WELL SERVICES

SUPERIOR
Hays,
Kansas

DUAL INDUCTION LOG

Company TRANS PACIFIC OIL CORP.
Well EVEL 'B' #1-14
Field WILDCAT
County LANE
State KANSAS

Company TRANS PACIFIC OIL CORPORATION

Well EVEL 'B' #1-14

Field WILDCAT

County LANE State KANSAS

Location: API # : 15-101-22171-0000
3630' FSL & 3135' FEL
165' E OF
N/2 - SE - NW
SEC 14 TWP 16S RGE 27W

Other Services
CDL/CNL

Permanent Datum GROUND LEVEL Elevation 2625
Log Measured From KELLY BUSHING 9' A.G.L.
Drilling Measured From KELLY BUSHING

Elevation
K.B. 2634
D.F. 2632
G.L. 2625

Date	7/23/09		
Run Number	ONE		
Depth Driller	4600'		
Depth Logger	4602'		
Bottom Logged Interval	4600'		
Top Log Interval	0'		
Casing Driller	8 5/8" @ 223'		
Casing Logger	224'		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.1 / 52	CHLORIDES 2,600	
pH / Fluid Loss	10.0 / 9.6		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.20 @ 77F		
Rmf @ Meas. Temp	0.90 @ 77F		
Rmc @ Meas. Temp	1.44 @ 77F		
Source of Rmf / Rmc	CAL/CAL		
Rm @ BHT	0.76 @ 121F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	121F		
Equipment Number	680		
Location	HAYS, KS		
Recorded By	JEFF GRONEWEG		
Witnessed By	BETH ISERN		

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Comments

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

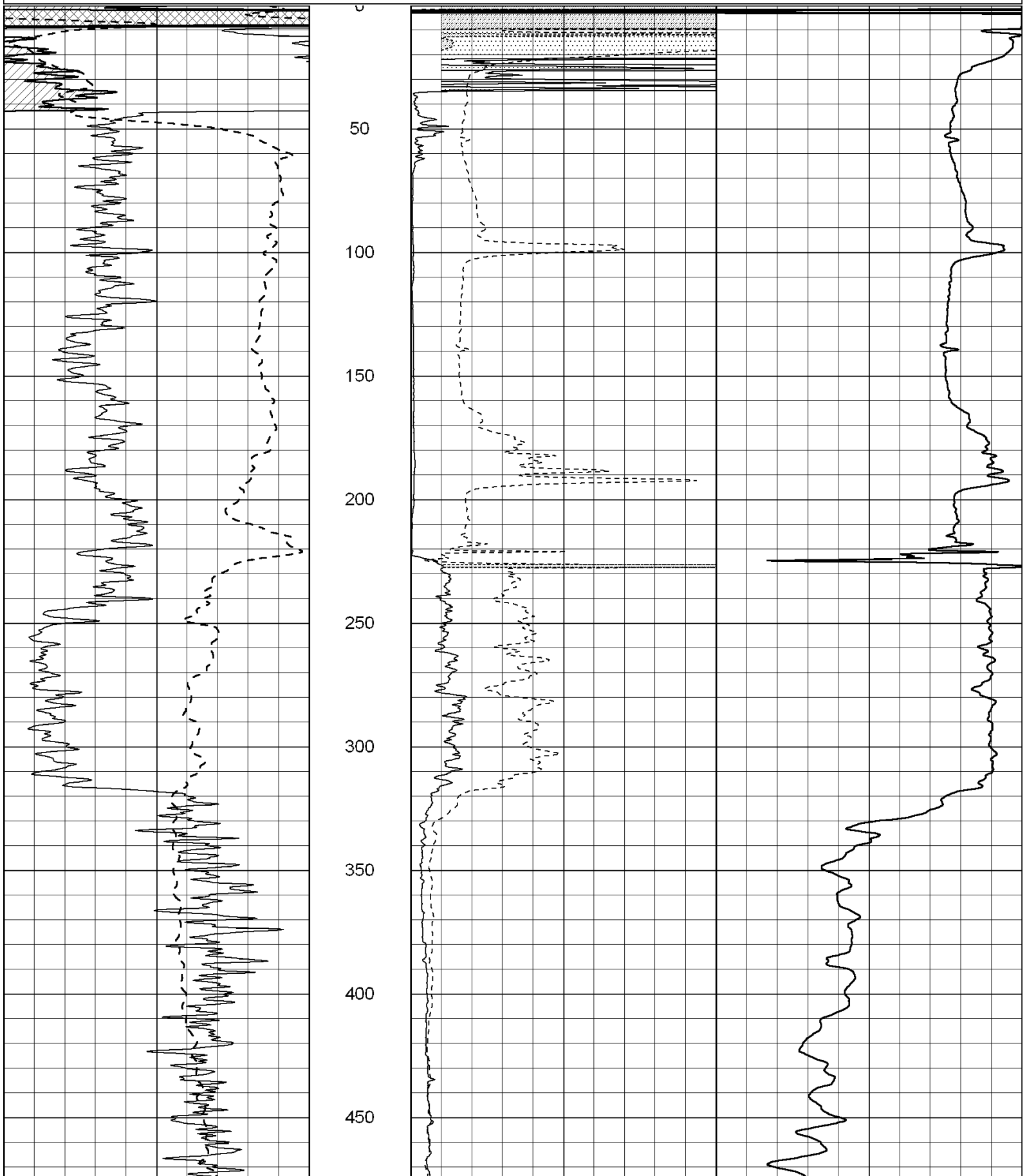
DIRECTIONS: UTICA, KS - 5 MILES WEST TO WICHITA RD - 1 1/2 MILES NORTH
WEST INTO

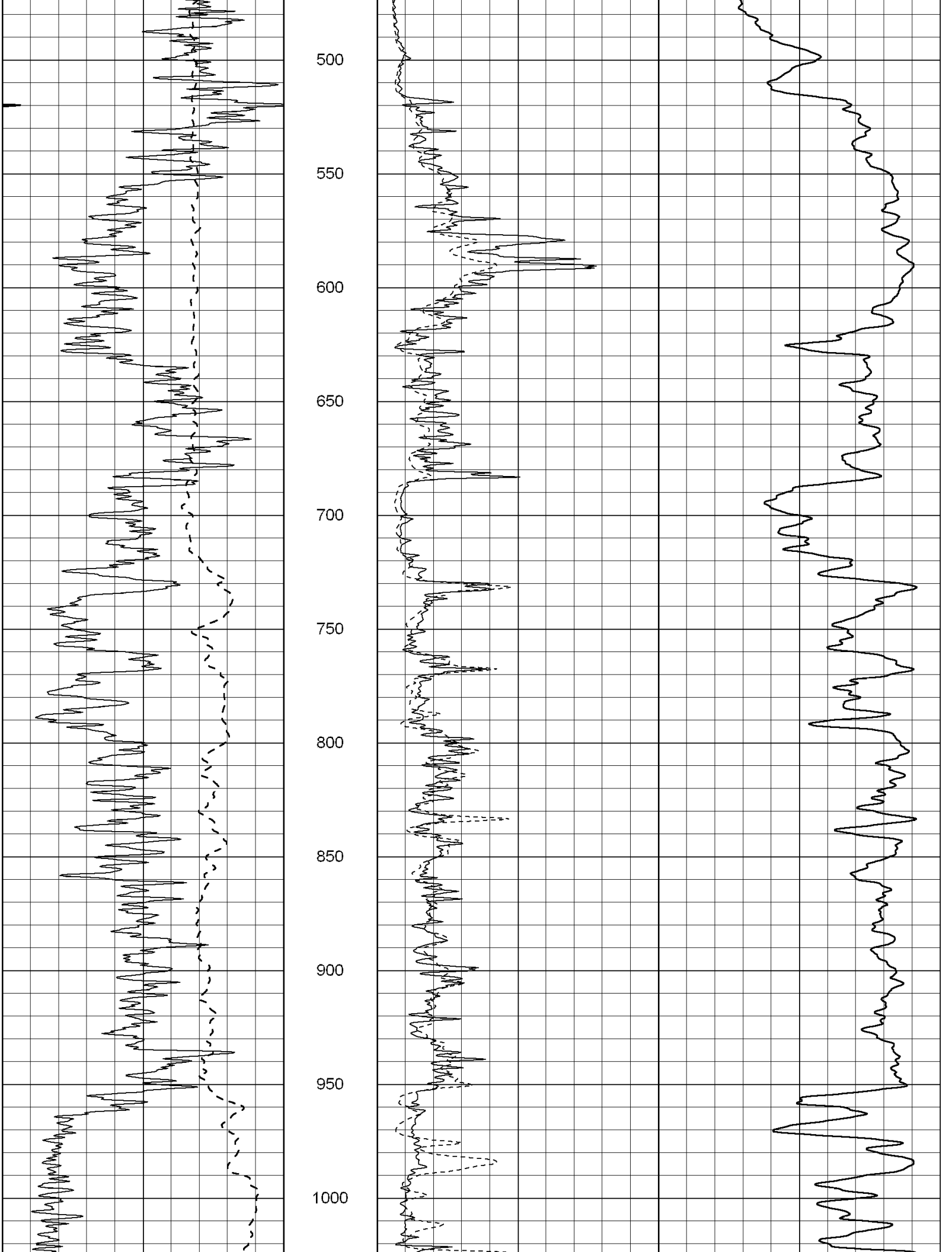
Database File: 004080ddn.db
Dataset Pathname: pass3.2
Presentation Format: _dil2
Dataset Creation: Thu Jul 23 03:09:06 2009 by Calc Open-Cased 090629

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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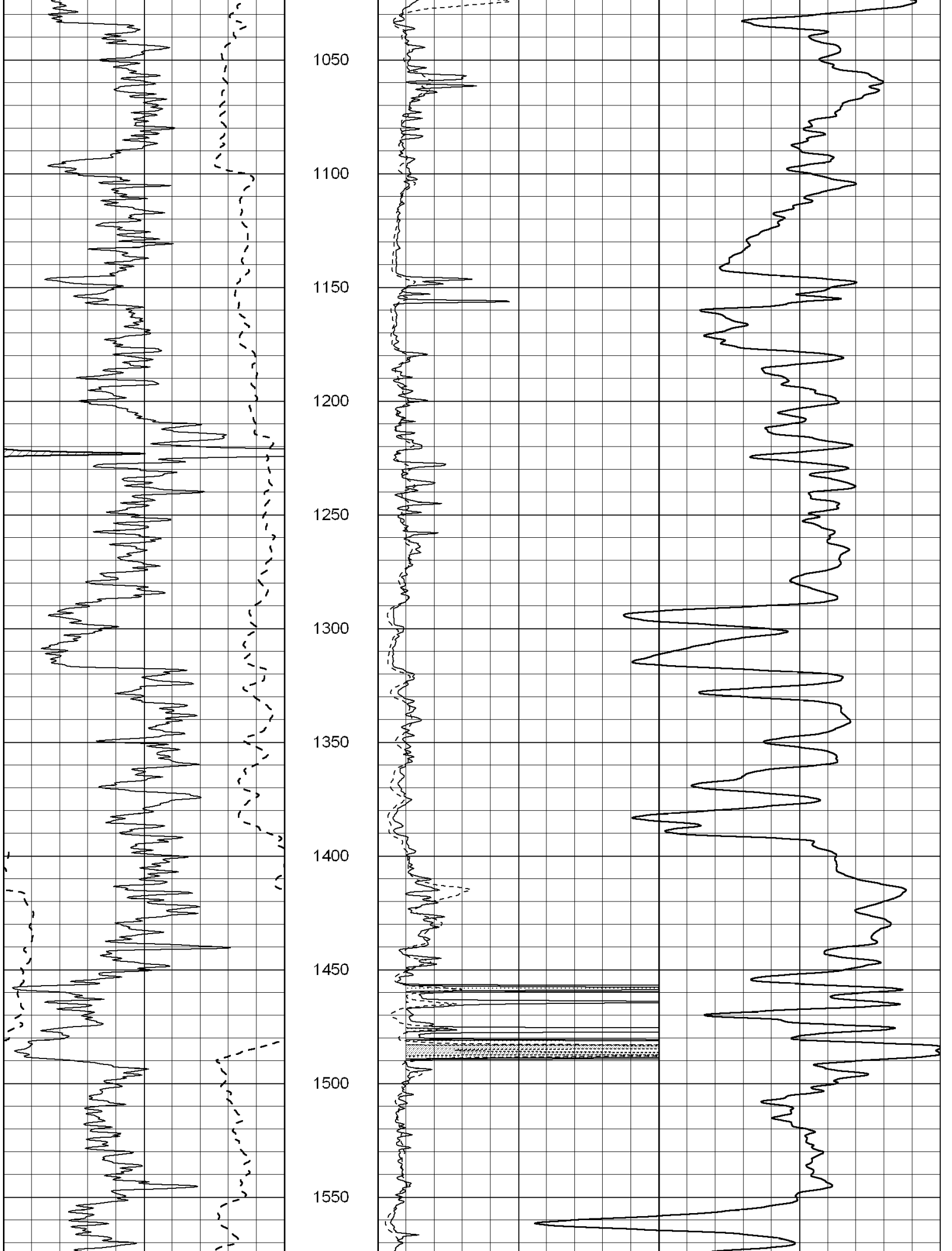
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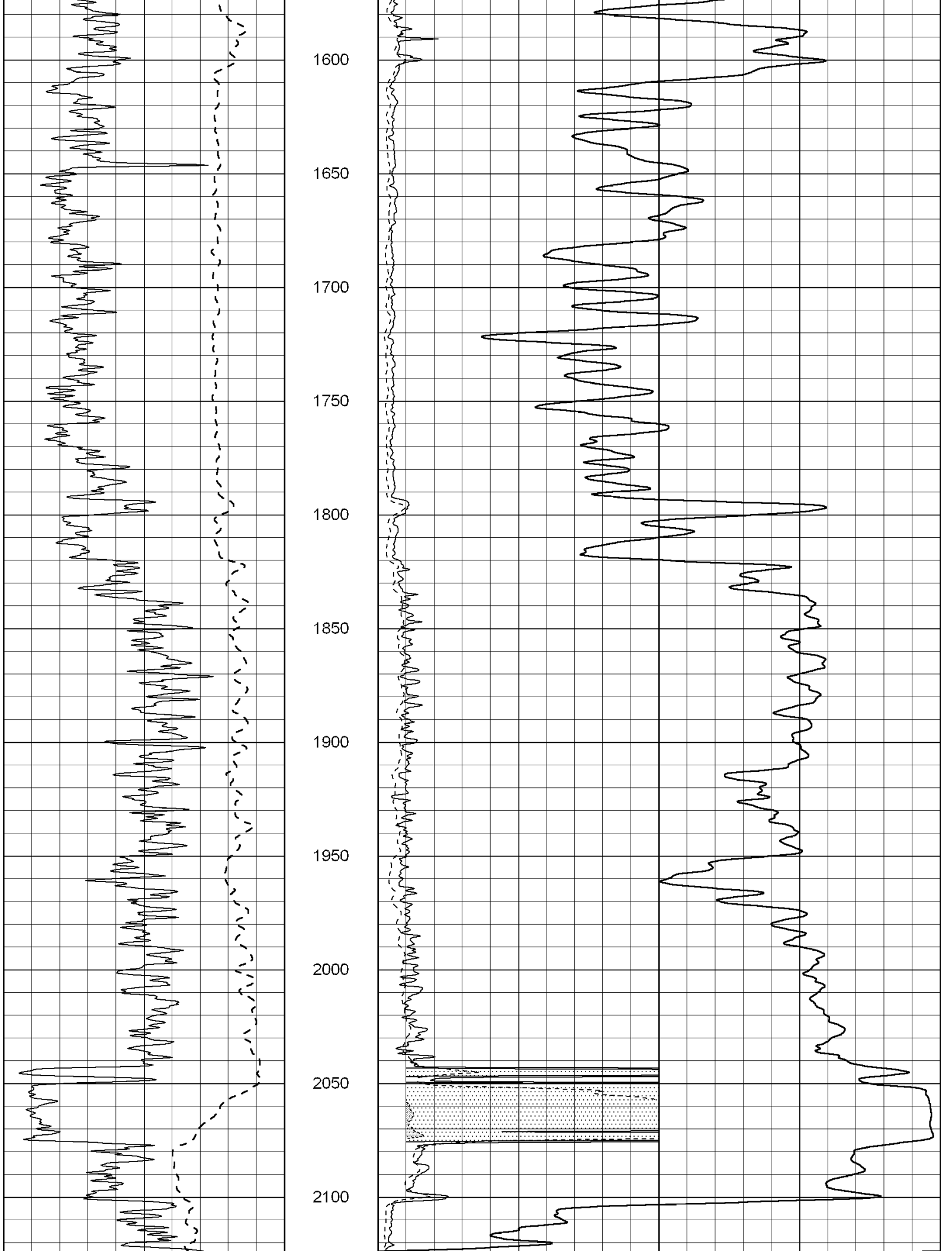
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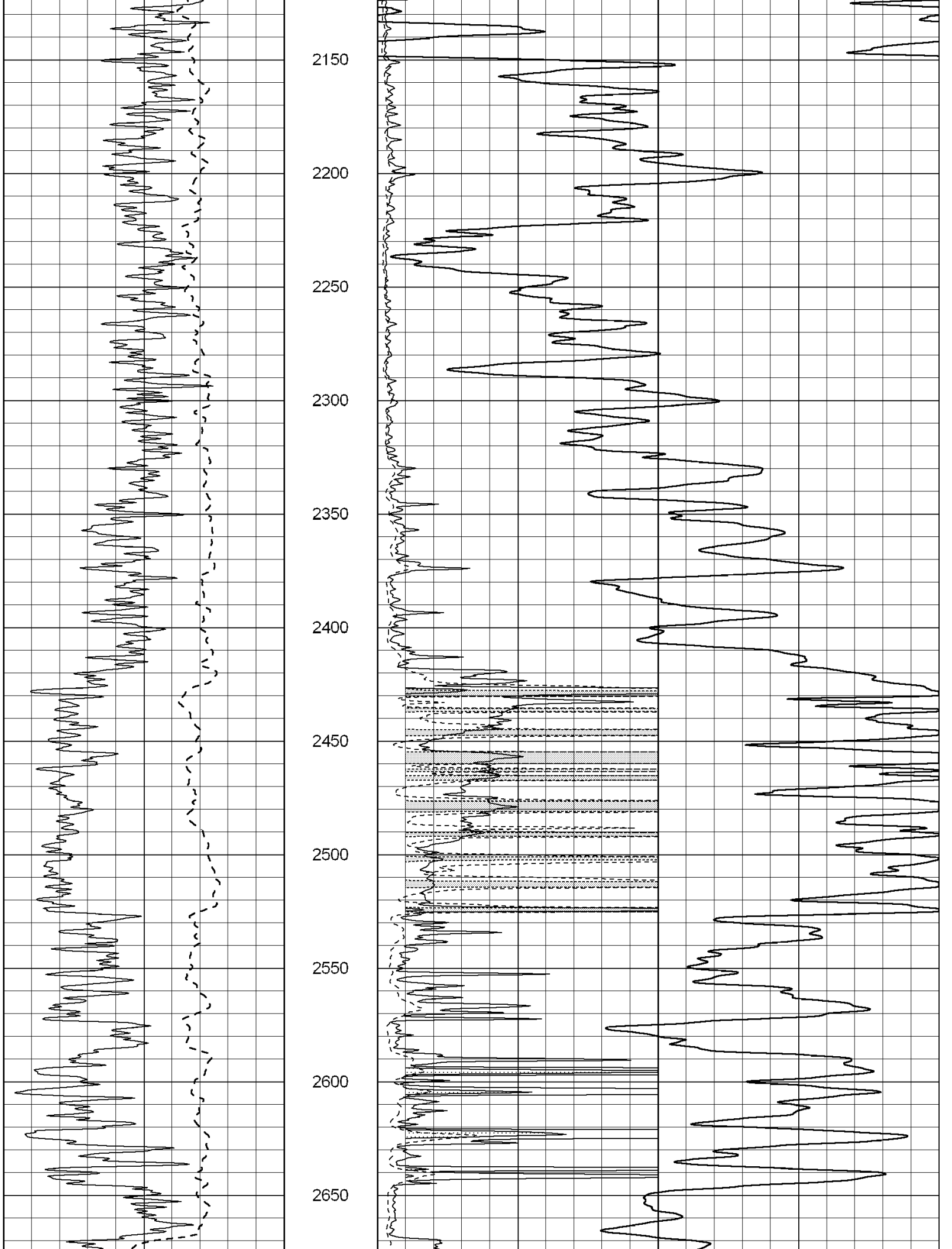
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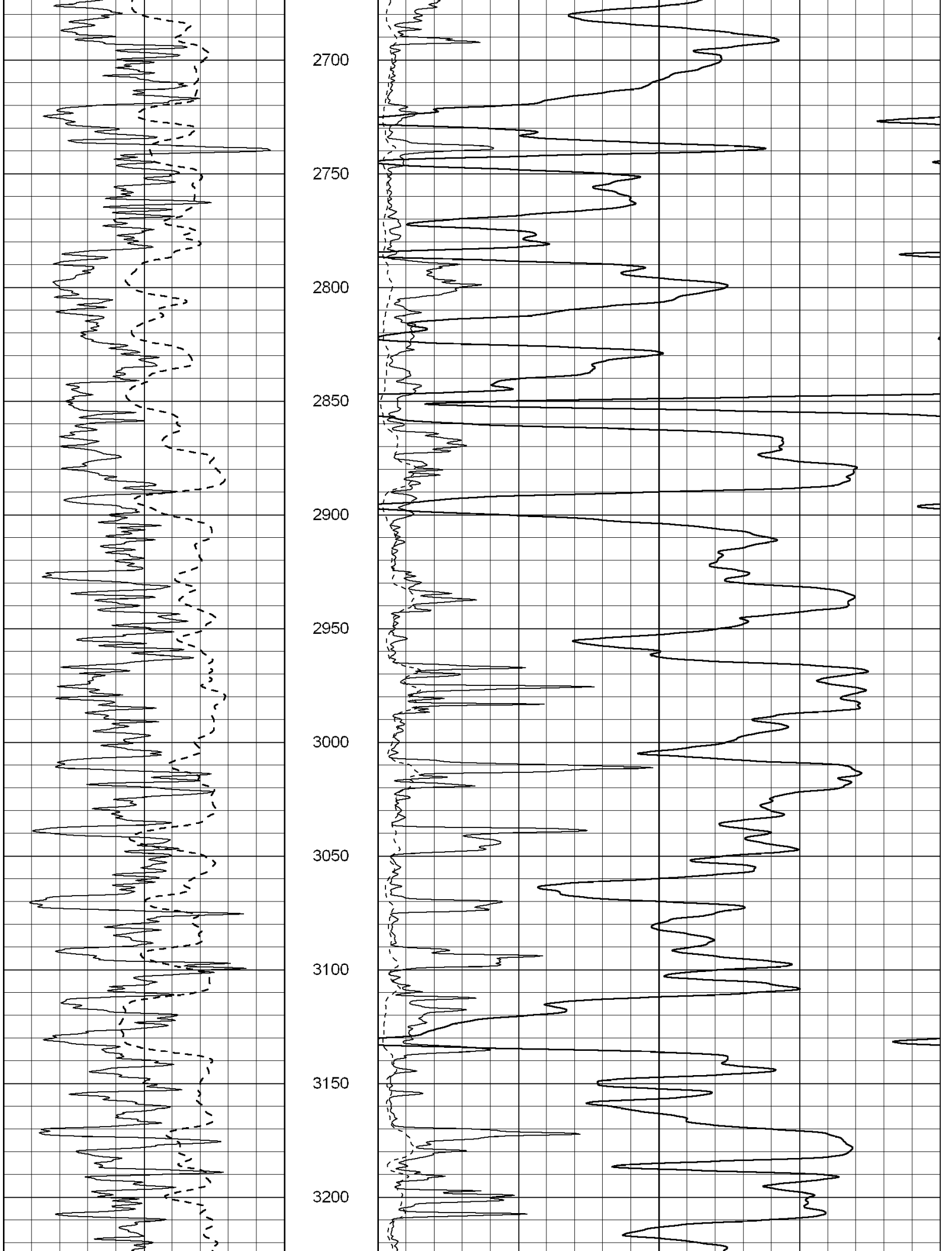
2550
2600
2650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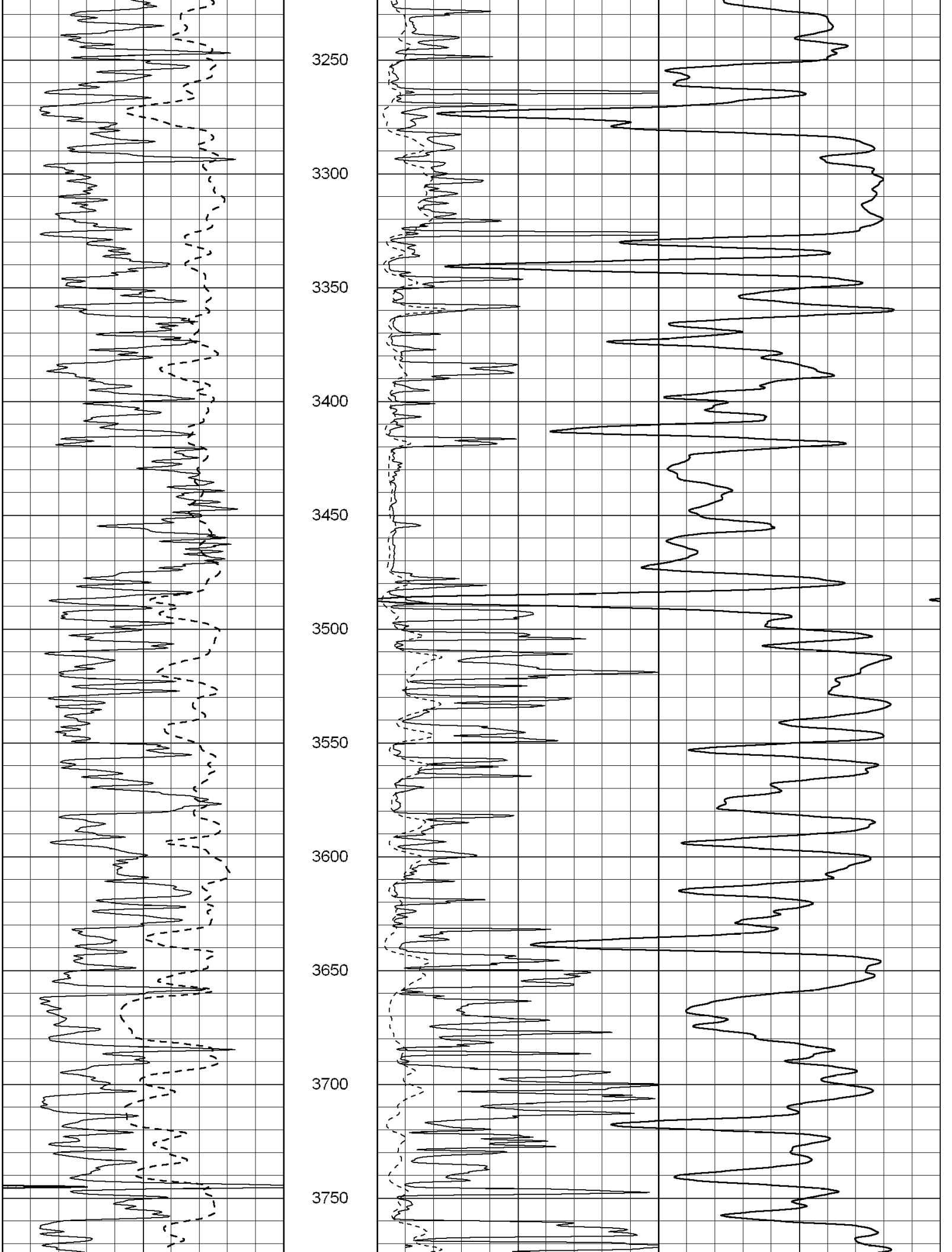
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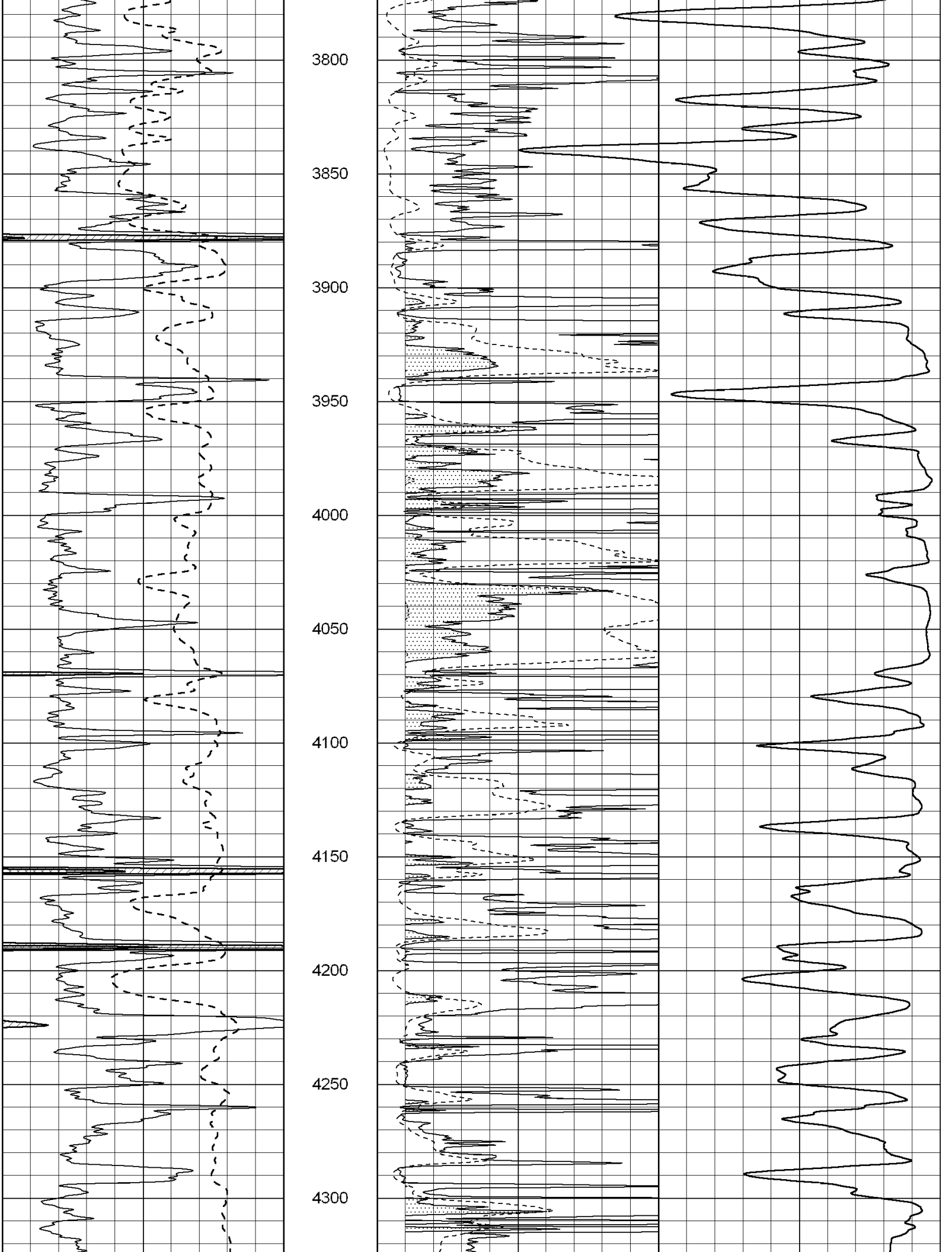
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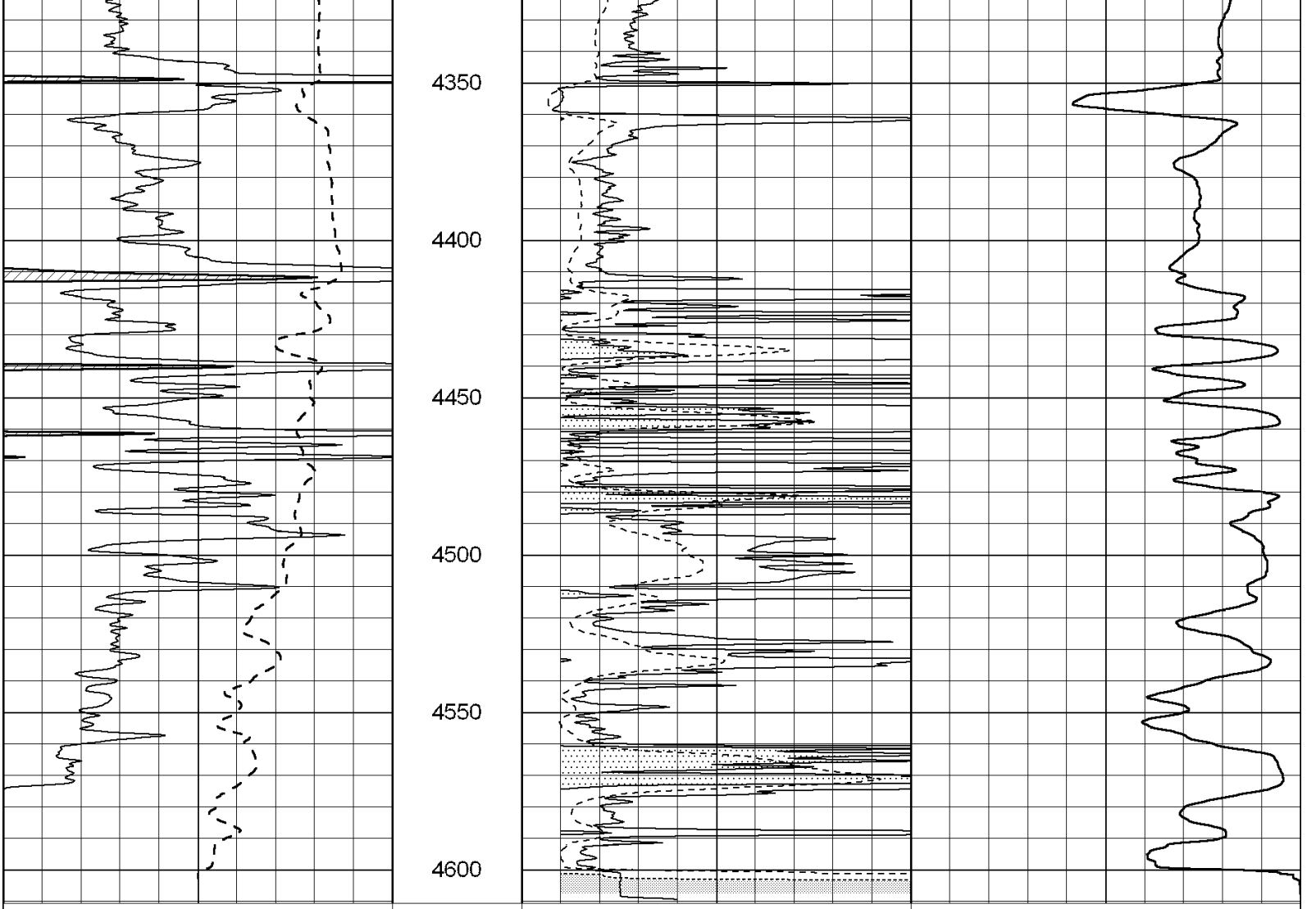
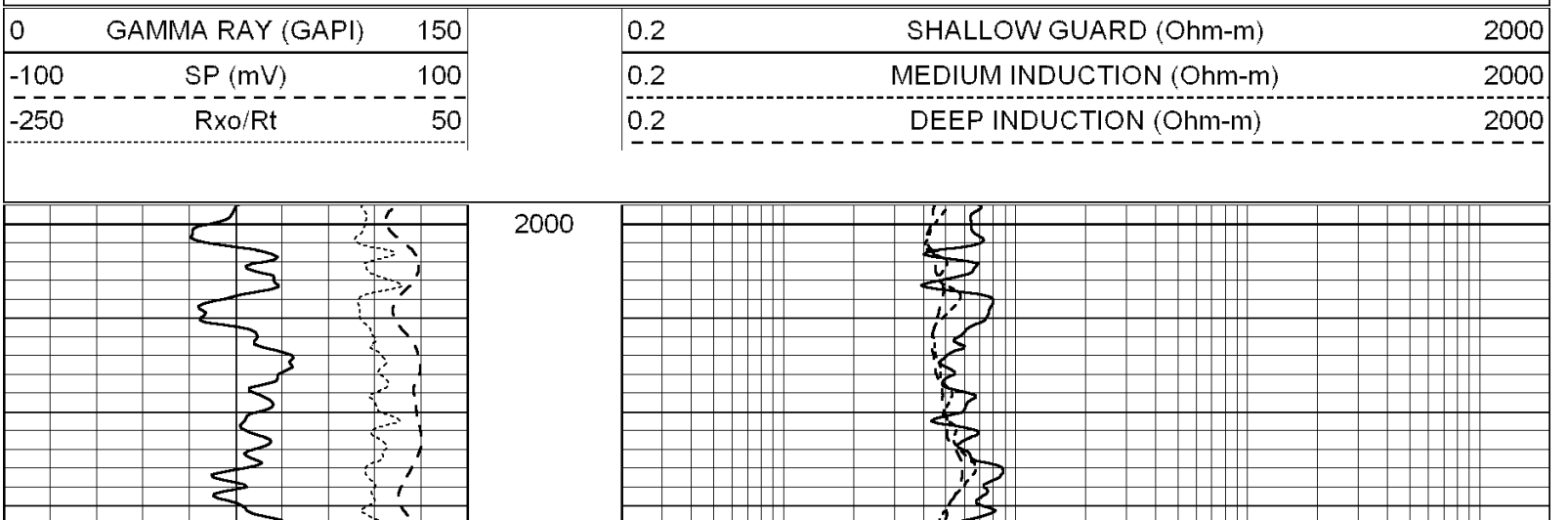
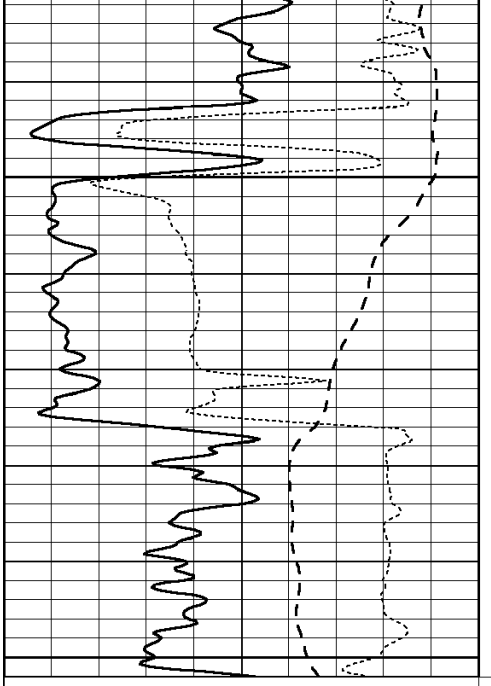


Database File: 004080ddn.db
Dataset Pathname: pass3.2
Presentation Format: _dil
Dataset Creation: Thu Jul 23 03:09:06 2009 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240





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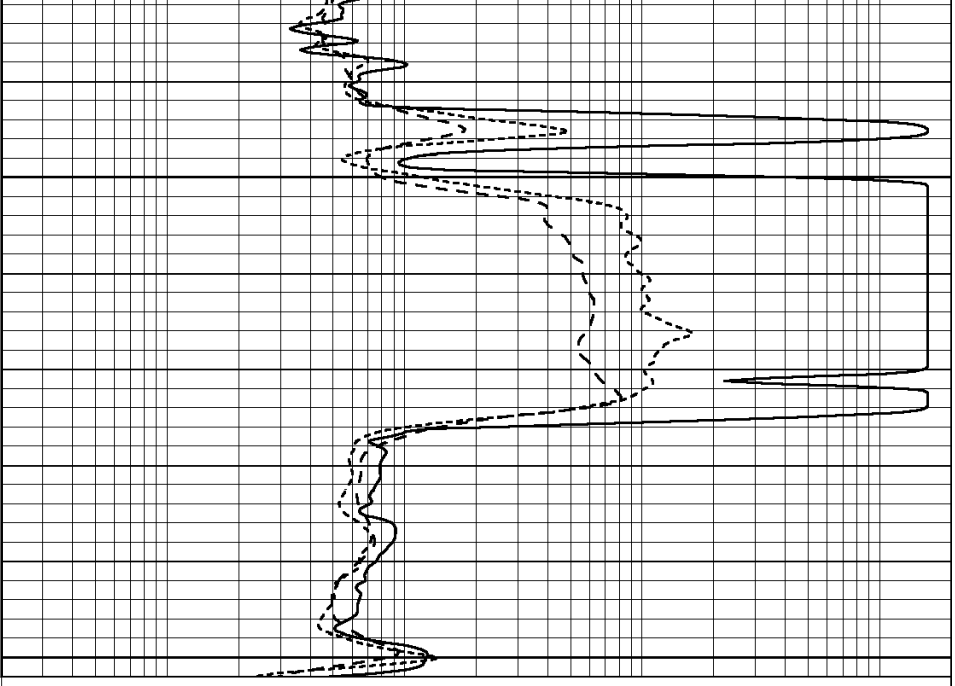

2100

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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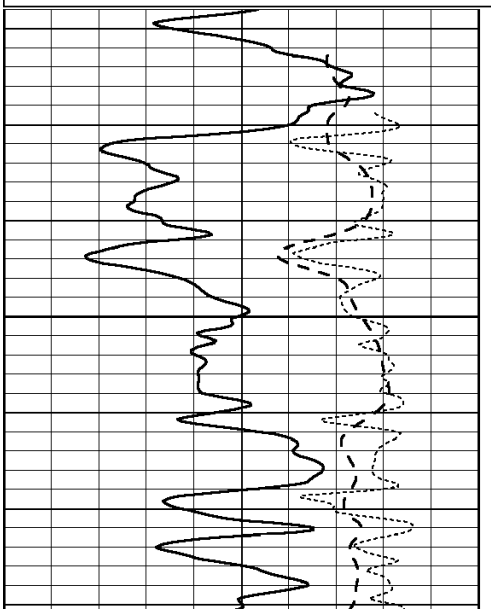
MAIN SECTION

Database File:	004080ddn.db
Dataset Pathname:	pass3.1
Presentation Format:	_dil
Dataset Creation:	Thu Jul 23 02:31:07 2009 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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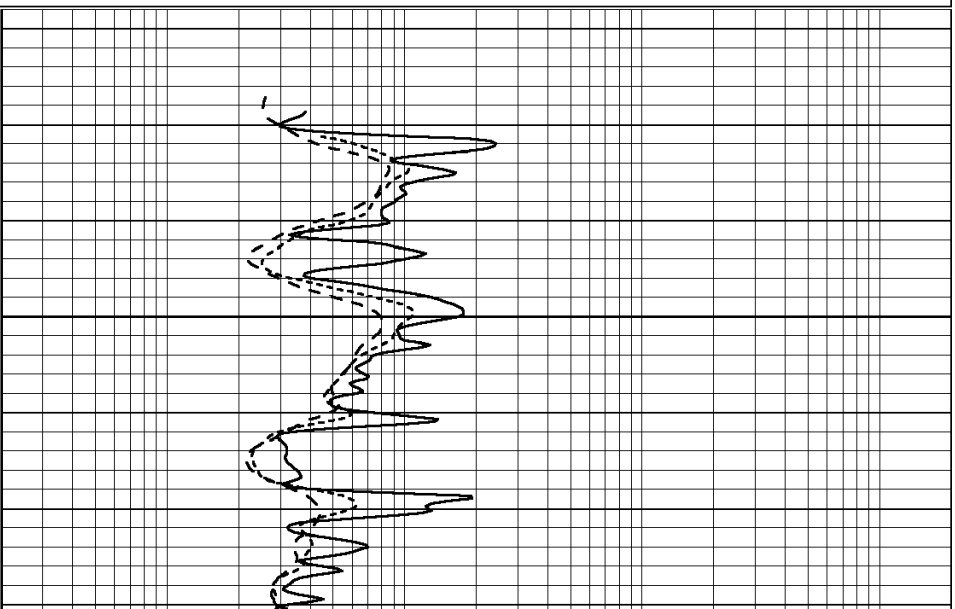

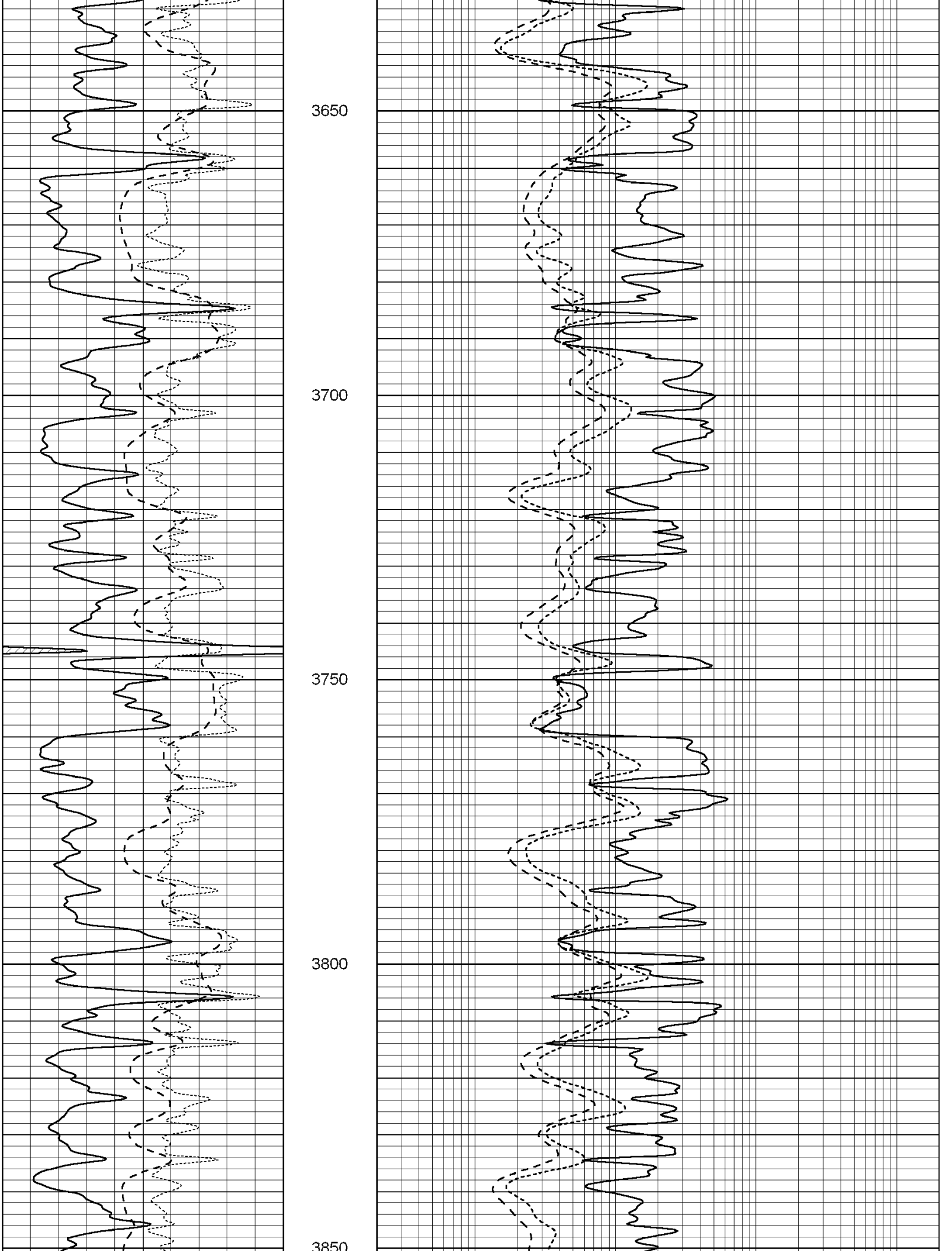
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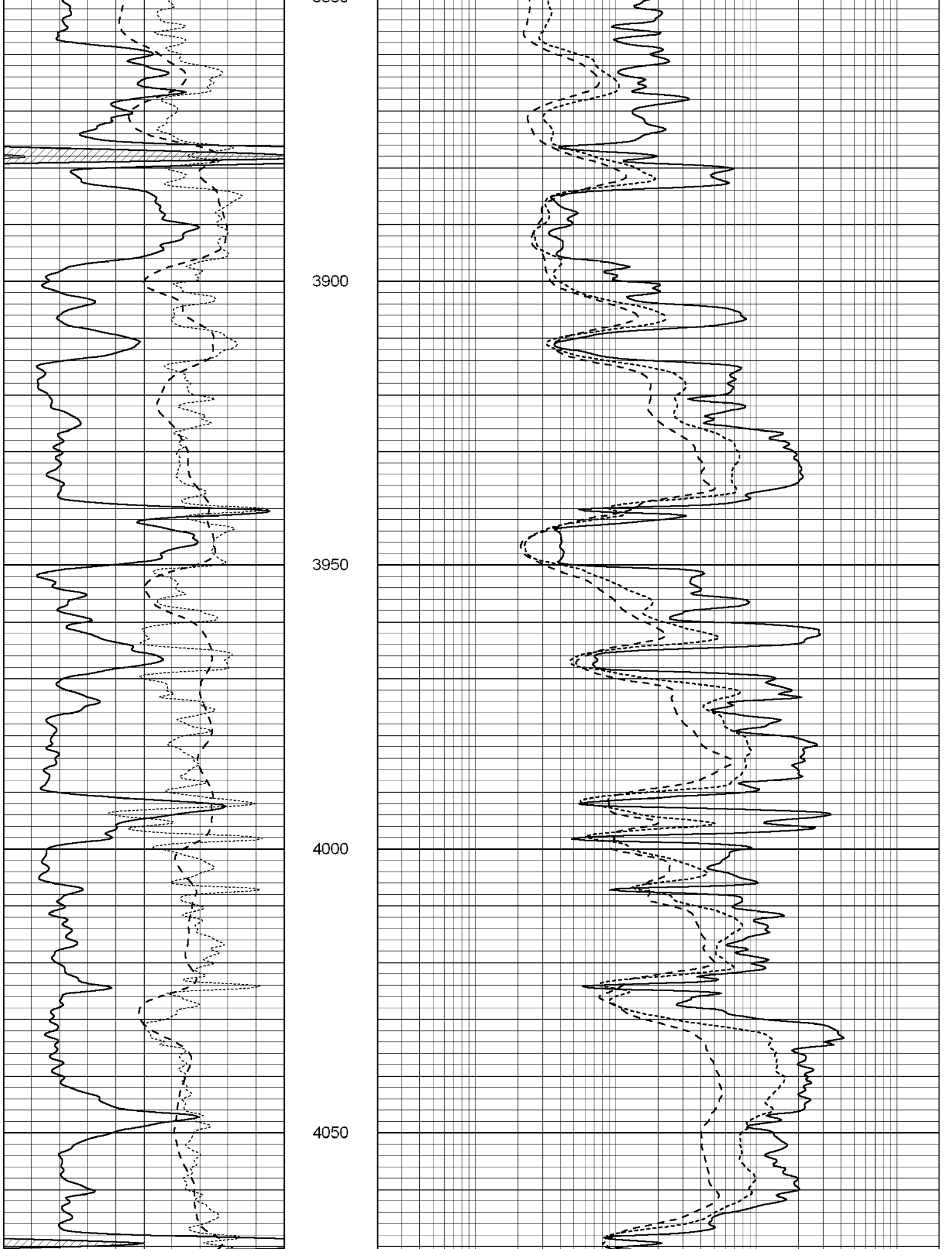
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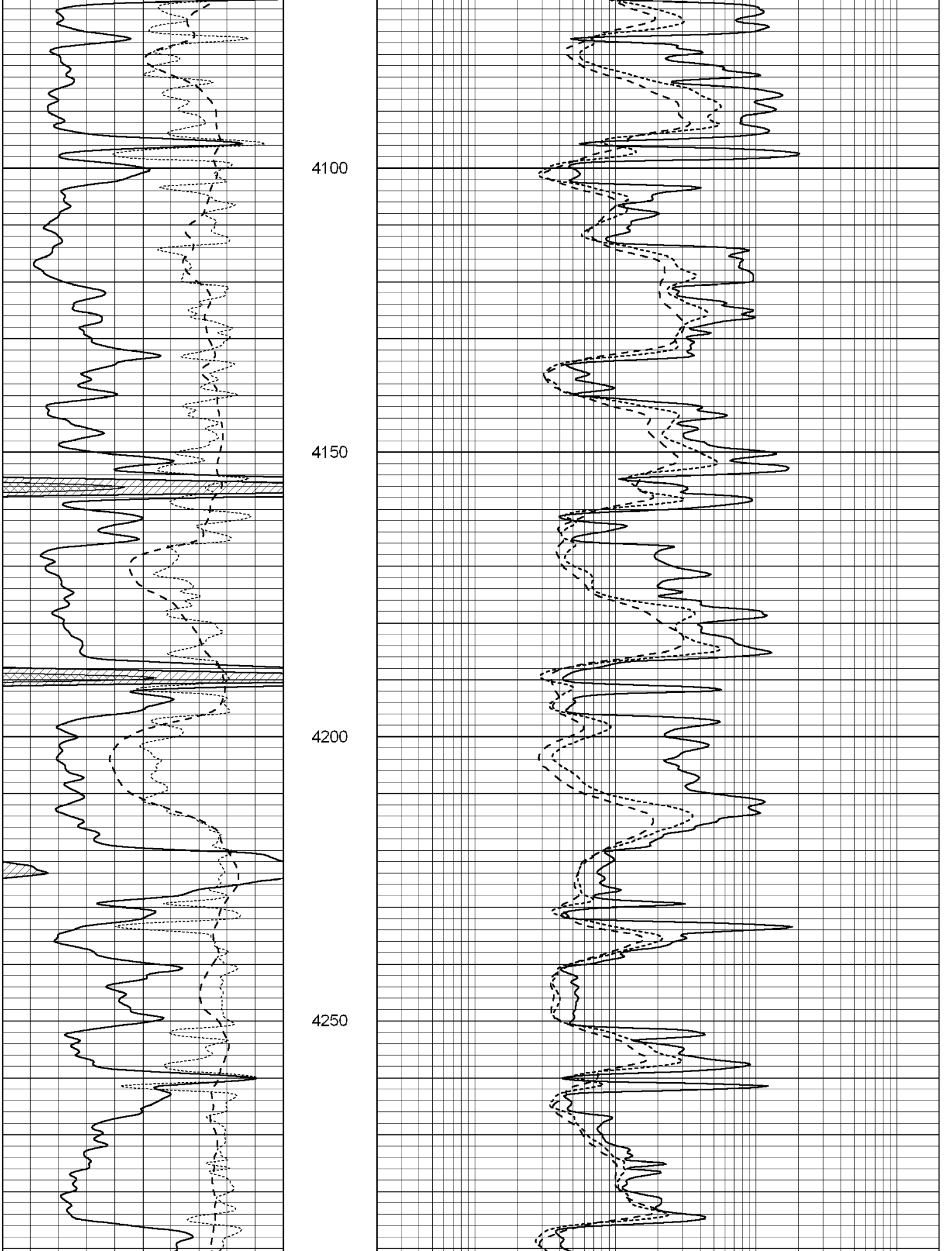
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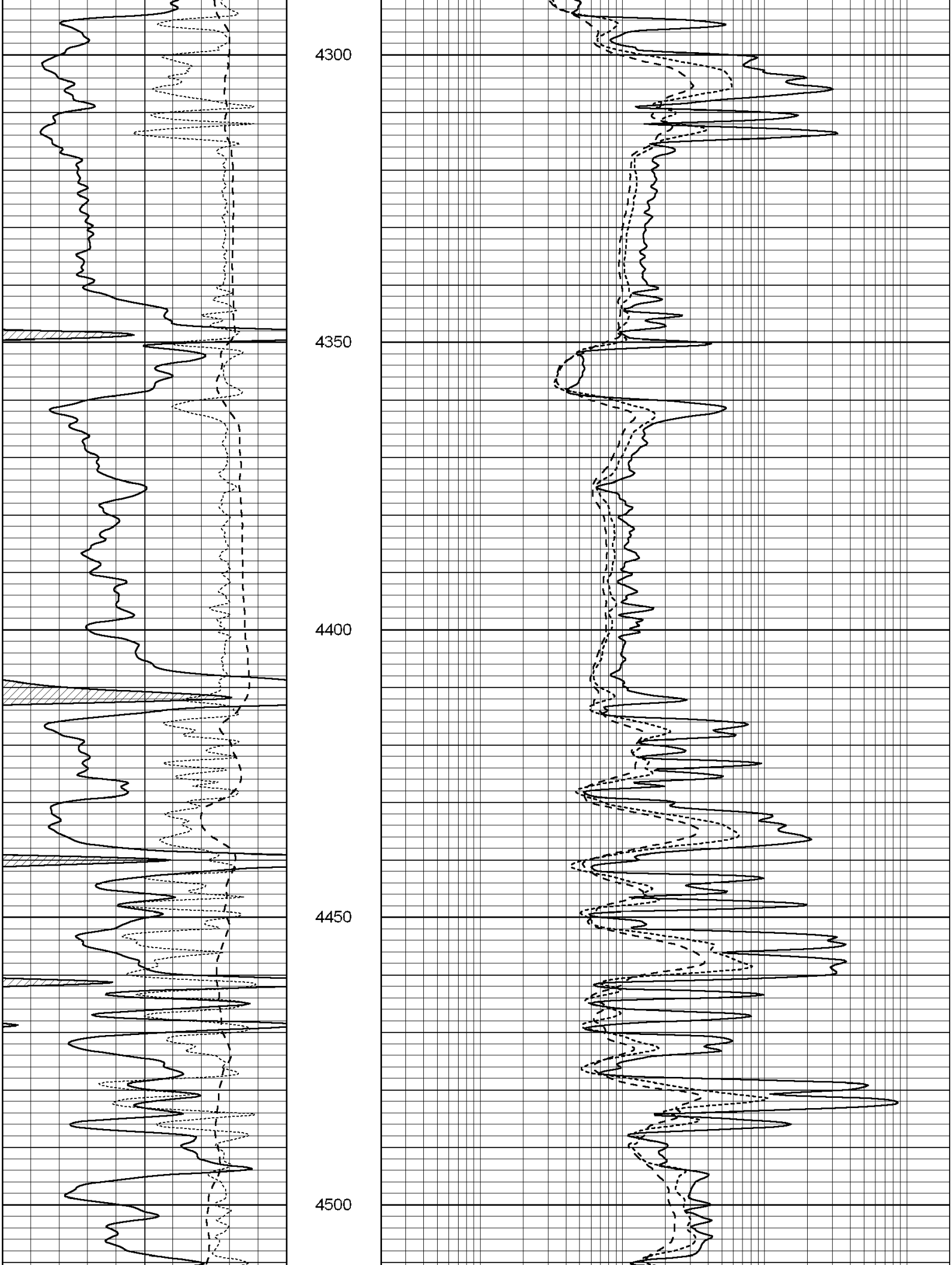
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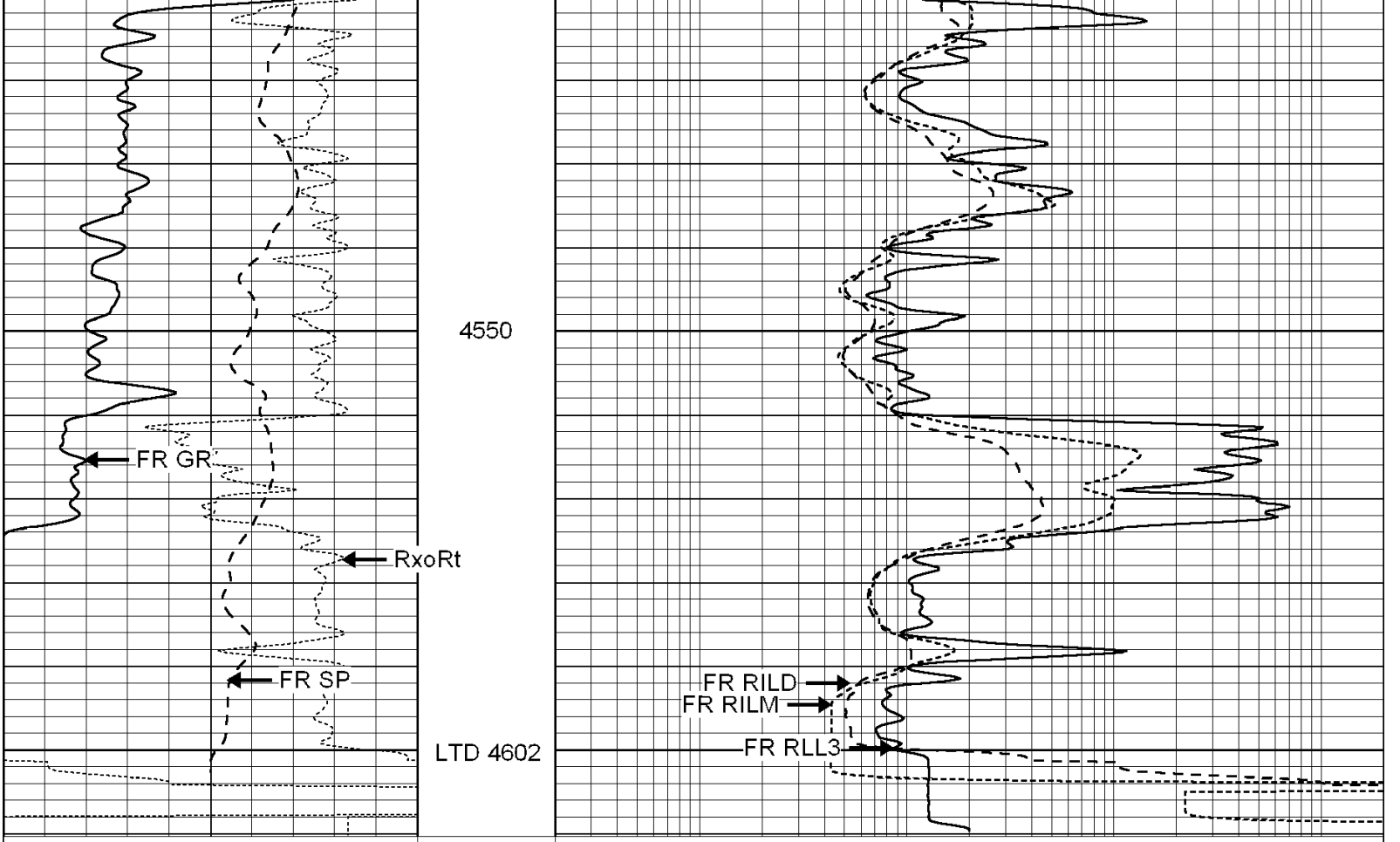

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50

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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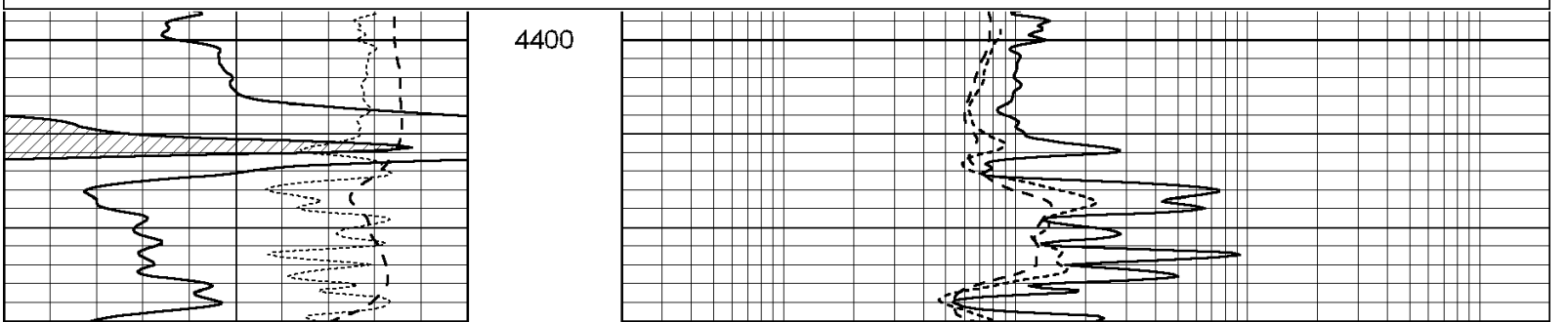
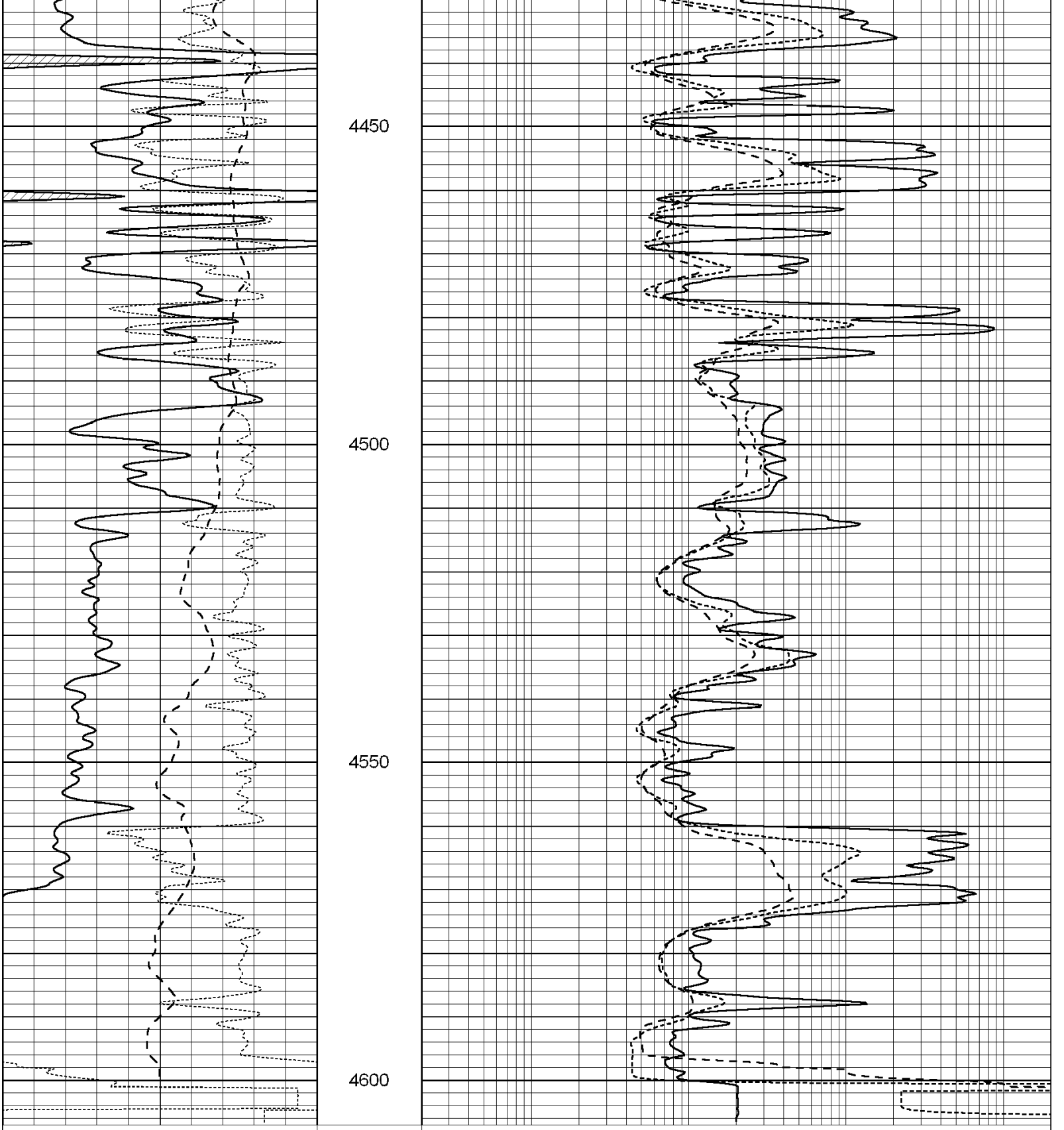
REPEAT SECTION

Database File:	004080ddn.db
Dataset Pathname:	pass2.2
Presentation Format:	_dil
Dataset Creation:	Thu Jul 23 02:05:24 2009 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





Calibration Report

Database File: 004080ddn.db
Dataset Pathname: pass3.2
Dataset Creation: Thu Jul 23 03:09:06 2009 by Calc Open-Cased 090629

Dual Induction Calibration Report

Serial-Model:	PROBE7-DILG
Surface Cal Performed:	Wed Jul 30 06:14:24 2008
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
Deep	-0.014	0.629	V	0.000	400.000	mmho/m	621.923	8.759
Medium	0.039	0.728	V	0.000	464.000	mmho/m	673.322	-26.058
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		1200.000	Ohm-m		
		0.000	V		20.000	Ohm-m		
		-7.200	V		4000.000	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		

Compensated Density Calibration Report

Serial-Model:	GEAR3-GEARHART
Source / Verifier:	143 / 143
Master Calibration Performed:	Fri Mar 06 10:44:04 2009

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.710	g/cc	1127.25	444.45	cps
Aluminum	2.600	g/cc	260.89	307.54	cps

Spine Angle = 75.88

Density/Spine Ratio = 0.590

	Size		Reading	
Small Ring	8.00	in	4.19	V
Large Ring	14.00	in	6.17	V

Compensated Neutron Calibration Report

Serial Number:	5I
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 Jul 09 09:06:42 2009	
Calibrator Value:	150.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	276.0	cps
Sensitivity:	0.6835	GAPI/cps