DUAL INDUCTION LOG

Company VINCENT OIL CORPORATION
Well KEOUGH #15-34
Field MULBERRY CREEK
County FORD State KANSAS

Company VINCENT OIL CORPORATION
Well KEOUGH #15-34
Field MULBERRY CREEK
County FORD
State KANSAS

Location: API # : 15-057-21051-0000

407' FSL & 330' FWL

SEC 34 TWP 28S RGE 23W

Other Services
CDL/CNL/PE
MEL/SON

Elevation
K.B. 2533
D.F. 2531
G.L. 2520

Permanent Datum GROUND LEVEL Elevation 2520
Log Measured From KELLY BUSHING 13' A.G.L
Drilling Measured From KELLY BUSHING

Date	6/26/21		
Run Number	ONE		
Depth Driller	5320		
Depth Logger	5320		
Bottom Logged Interval	5318		
Top Log Interval	00		
Casing Driller	8 5/8" @ 703		
Casing Logger	703		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 13200 PPM	
Density / Viscosity	9.4/78		
pH / Fluid Loss	9.5/13.6		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.40 @ 80F		
Rmf @ Meas. Temp	.30 @ 80F		
Rmc @ Meas. Temp	.48 @ 80F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.25 @ 128F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	////		
Maximum Recorded Temperature	128F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	KEN LeBLANC		

<<< Fold Here >>>

Comments

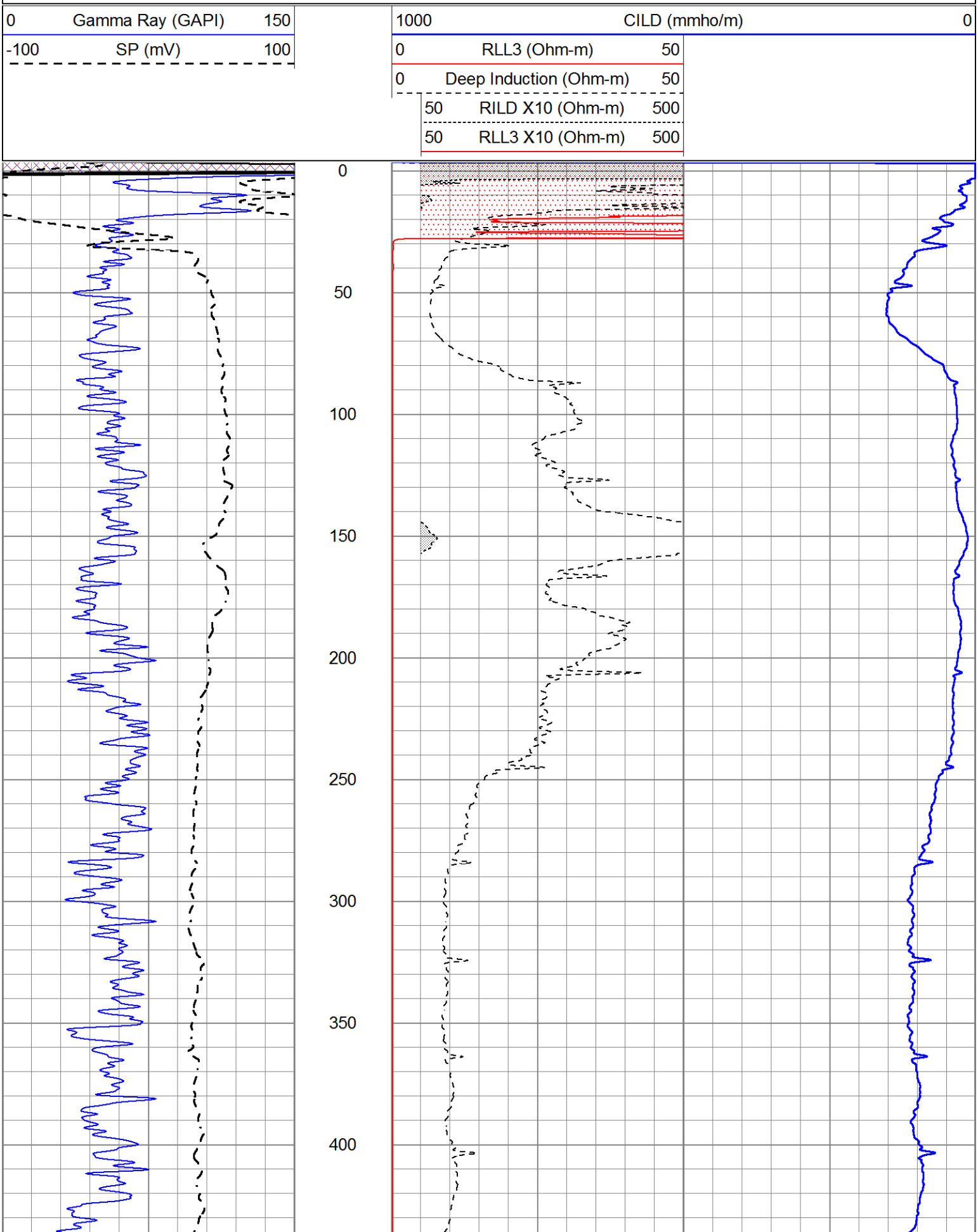
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395

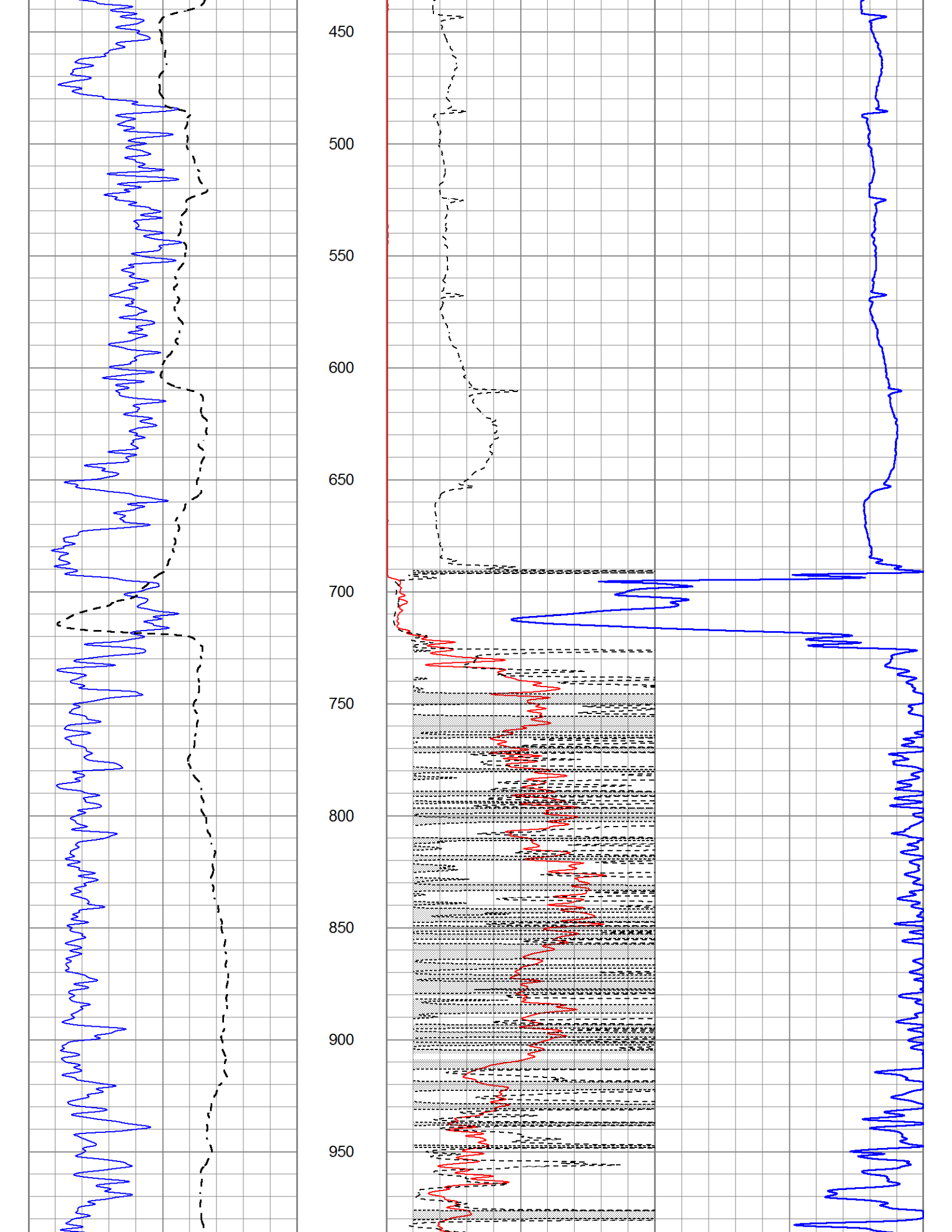
DIRECTIONS

KINGSDOWN, KS. - 2 NORTH TO WILBURN RD. - 3 3/4 WEST - NORTH INTO

MAIN SECTION

Database File	5628pe.db
Dataset Pathname	pass4.2
Presentation Format	_dil2
Dataset Creation	Sat Jun 26 01:59:39 2021
Charted by	Depth in Feet scaled 1:600

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500
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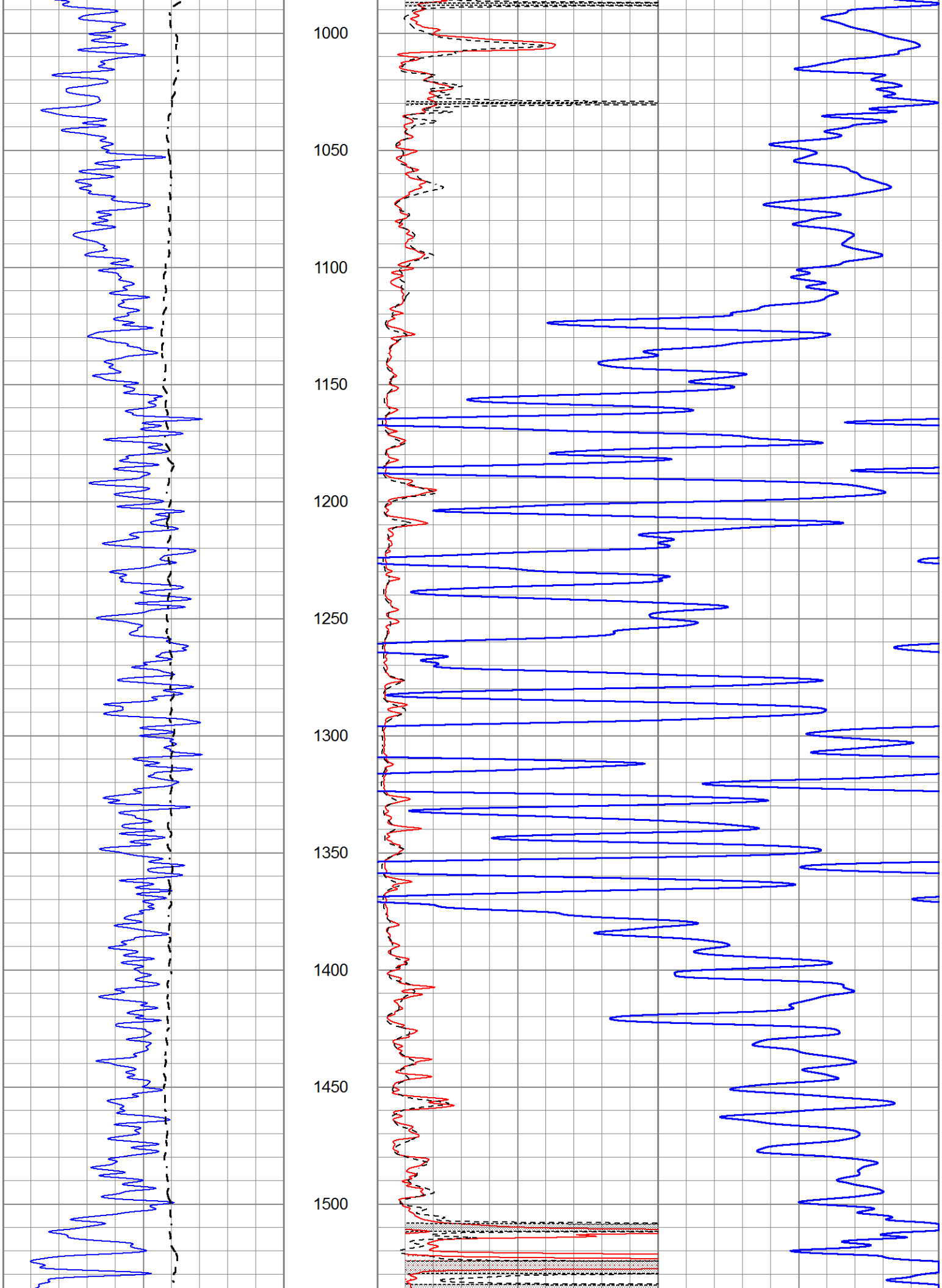
600
650
700
750
800
850
900
950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1150
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1250
1300
1350
1400
1450
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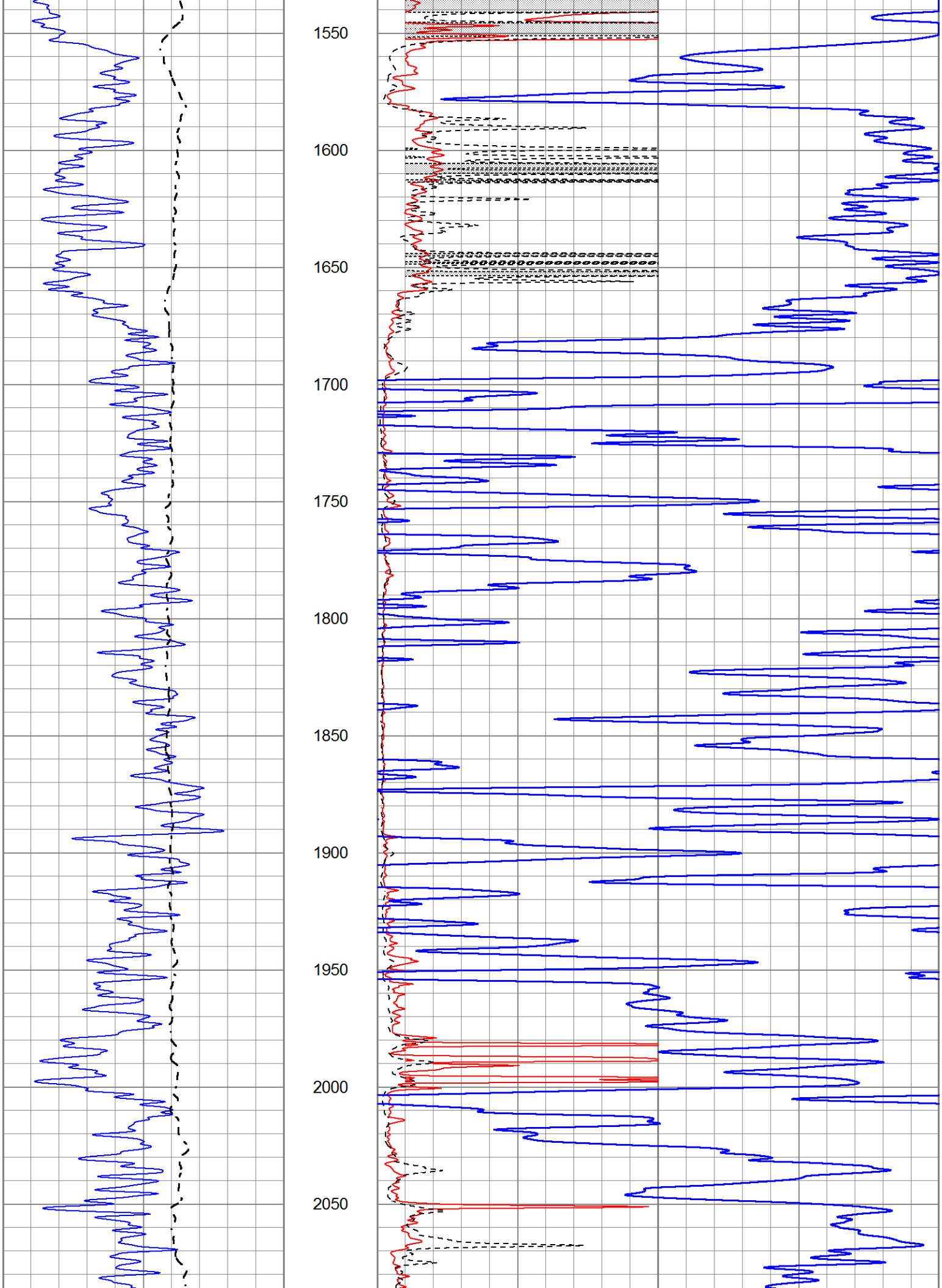
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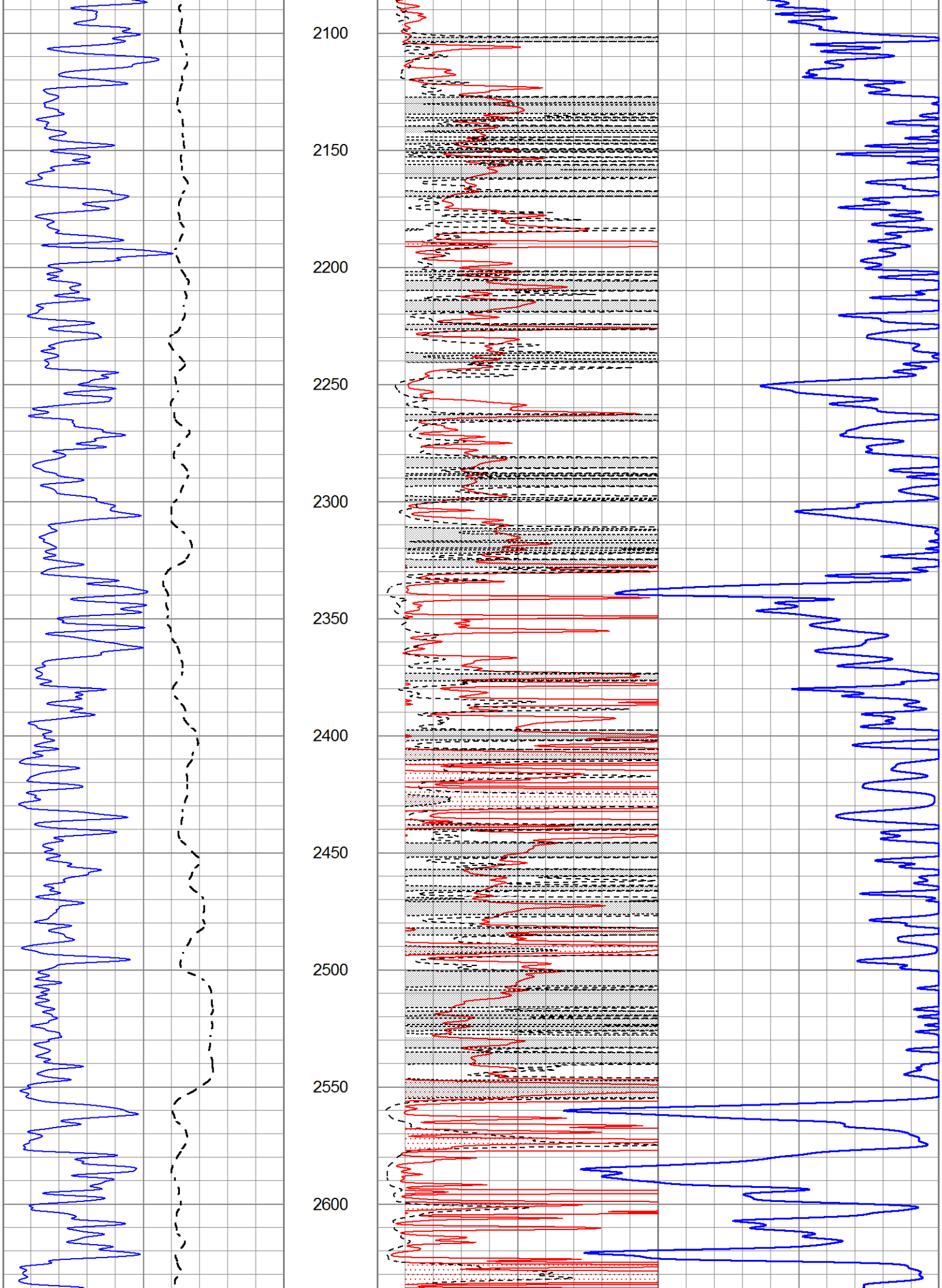
1700
1750
1800
1850
1900
1950
2000
2050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2400
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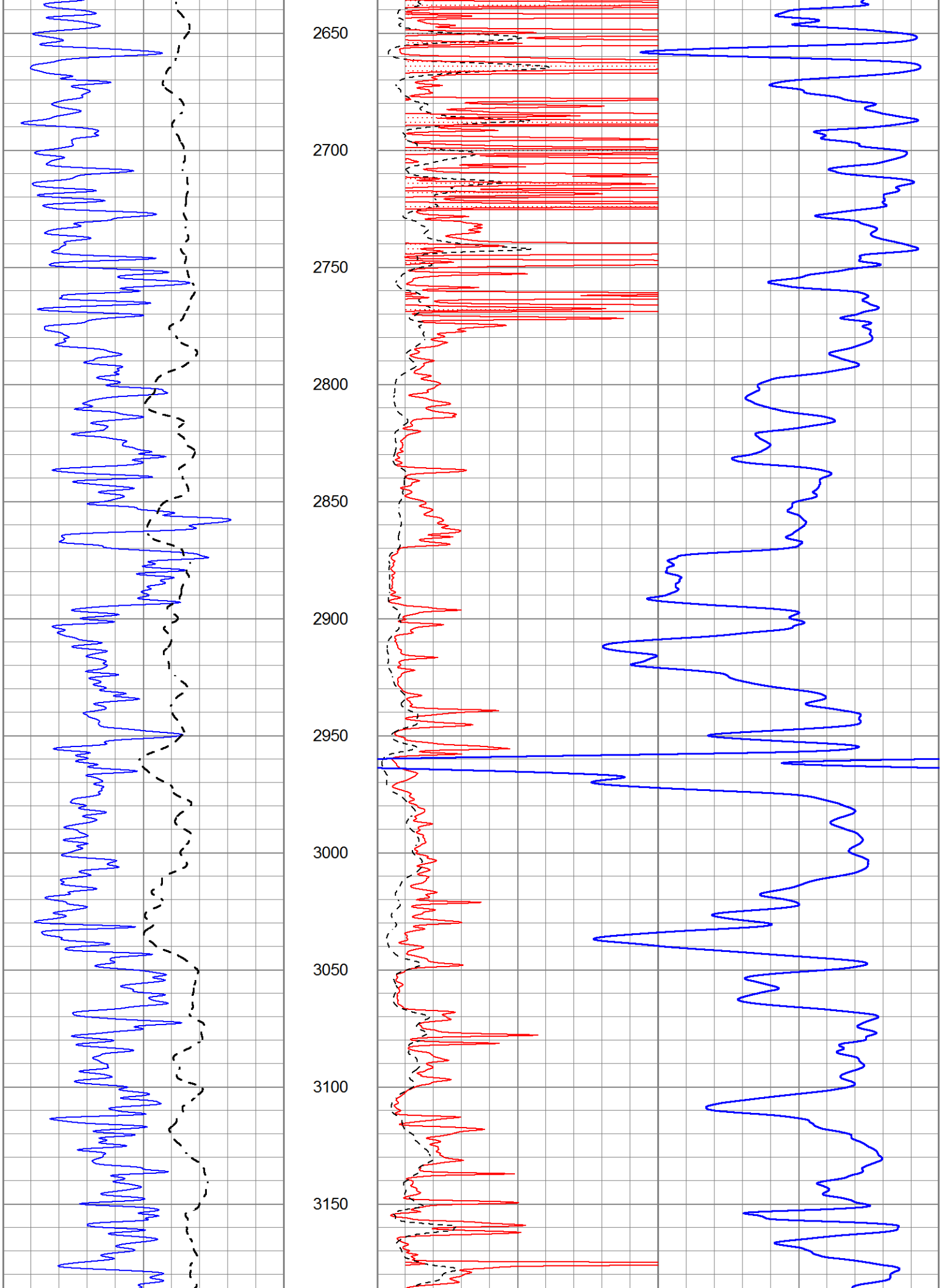
2600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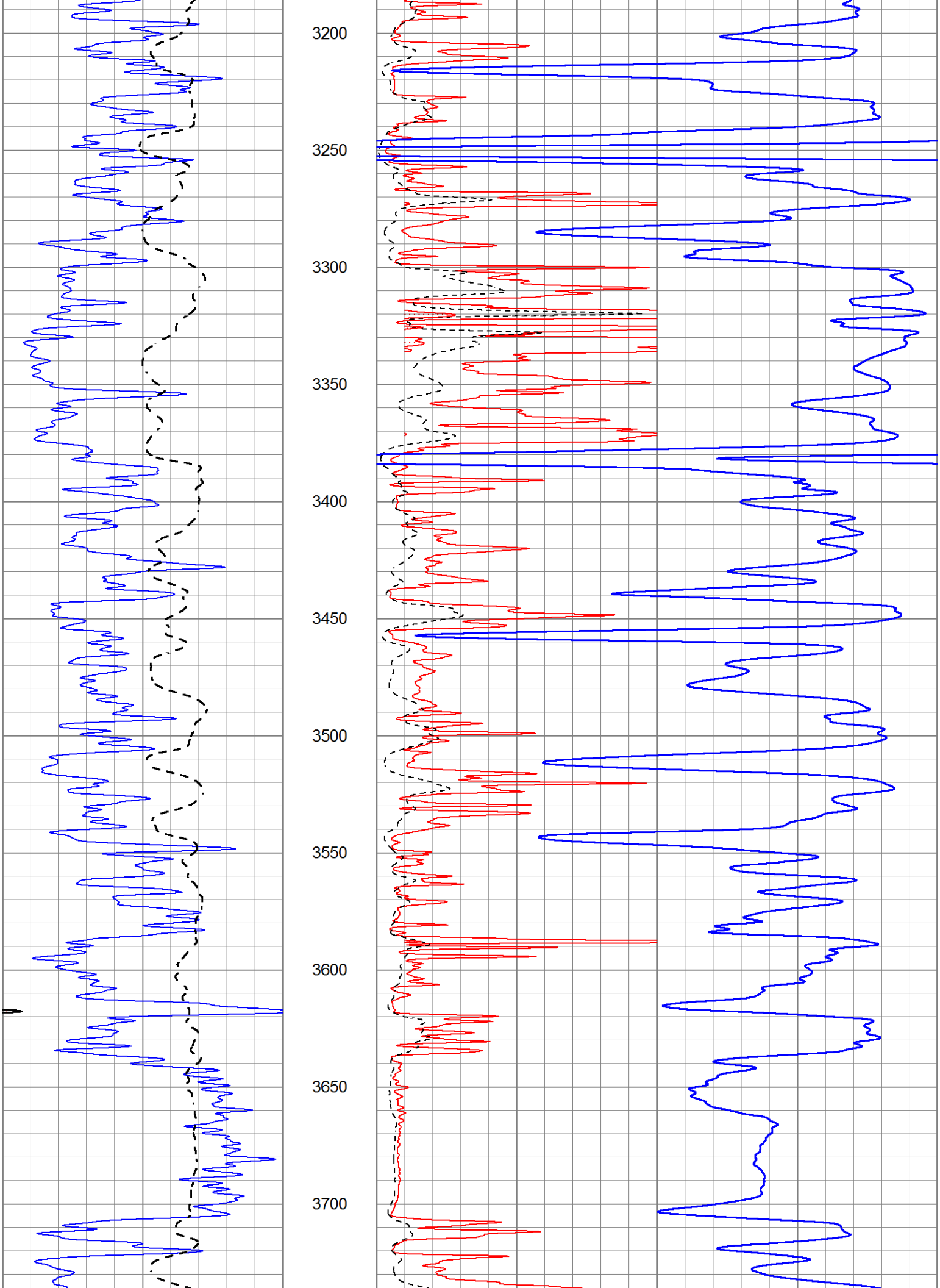
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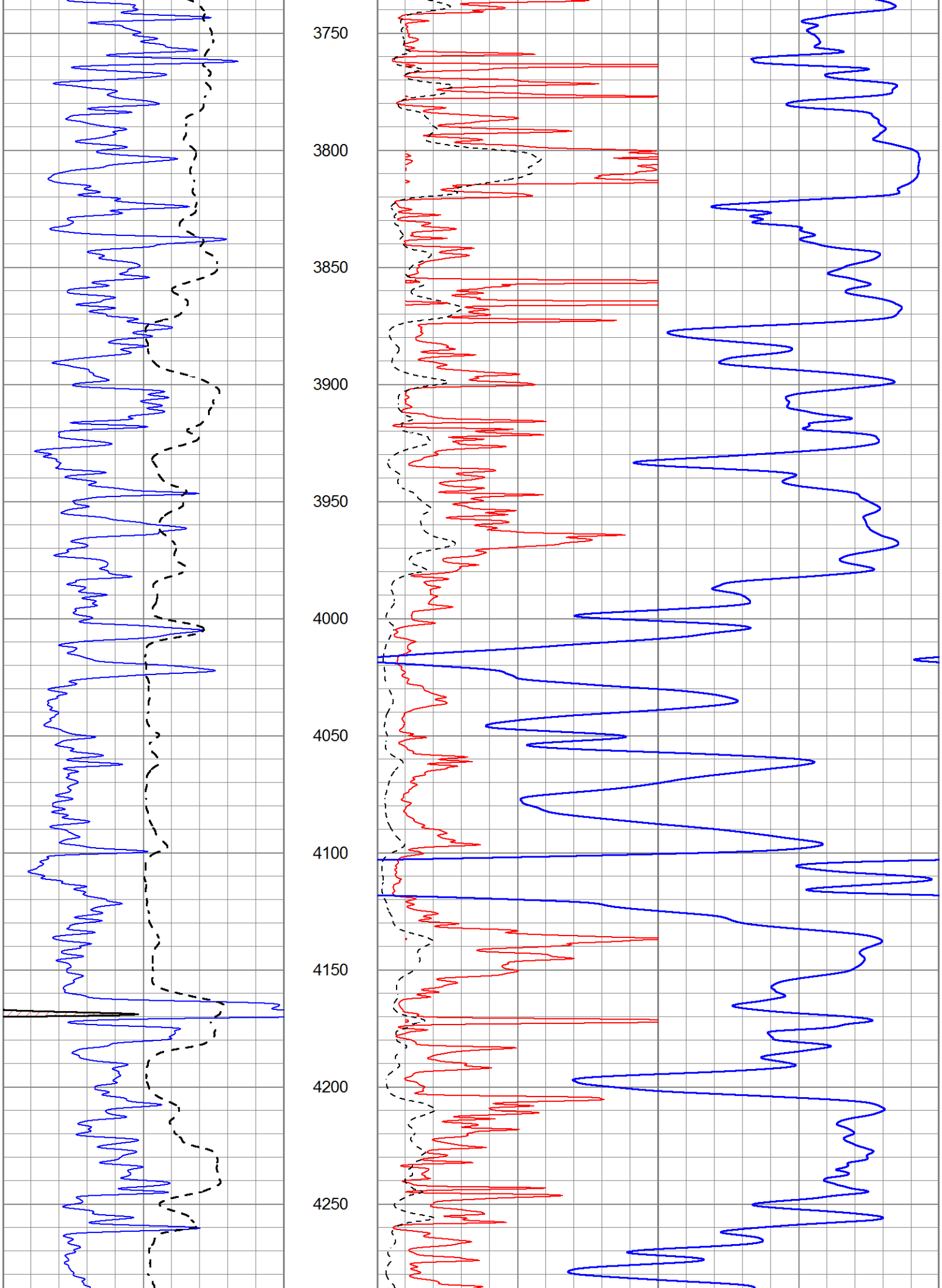
3700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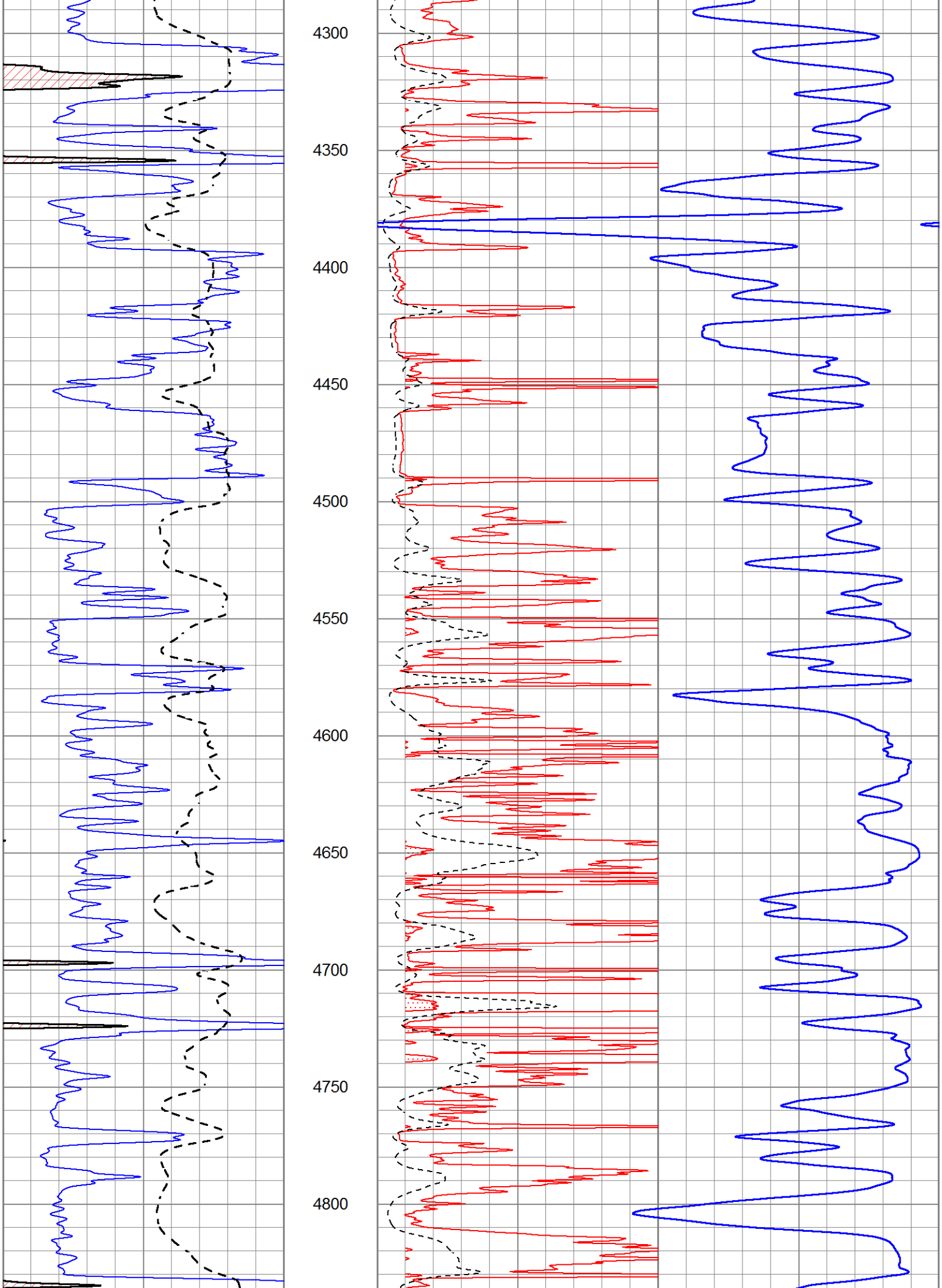
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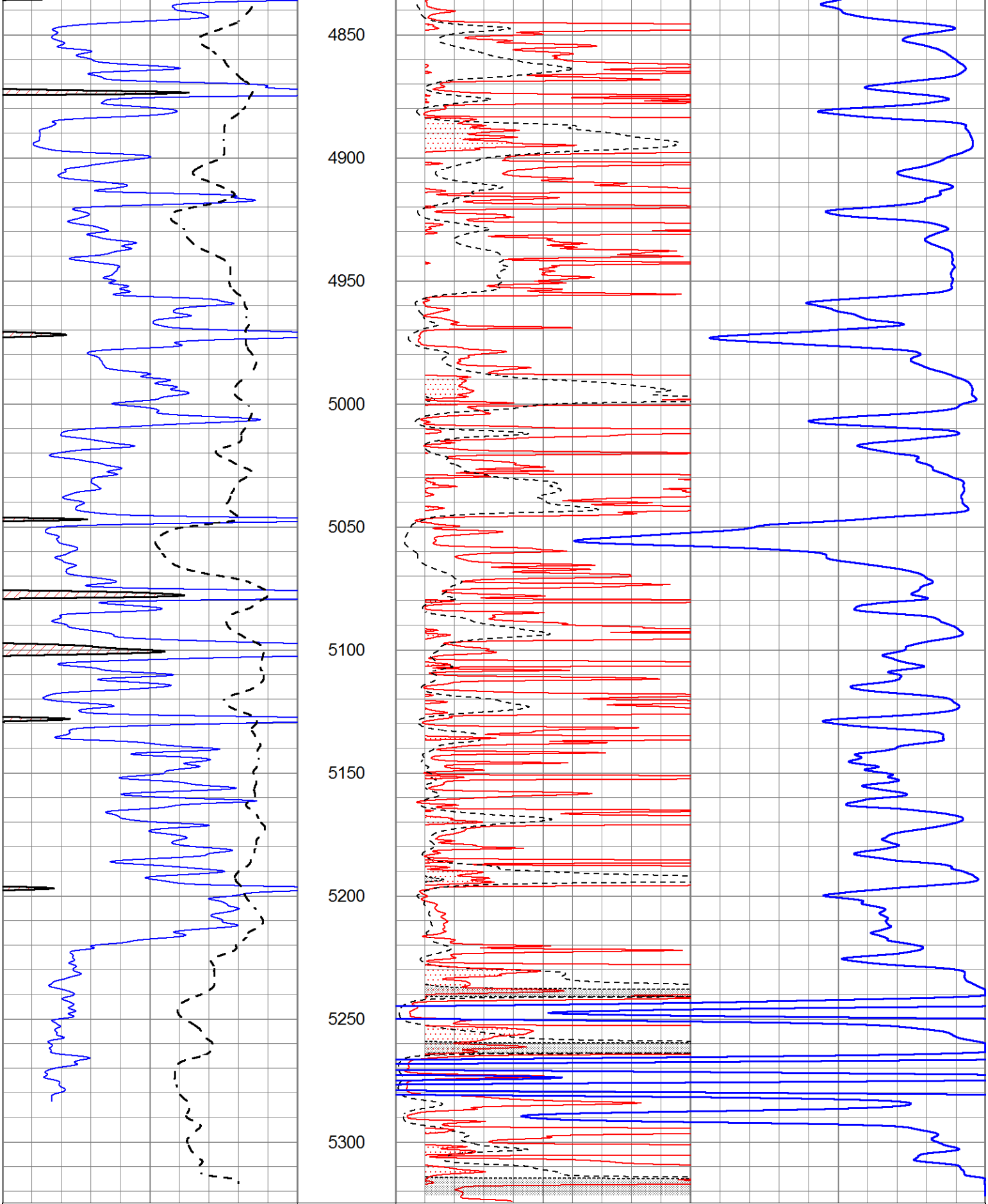
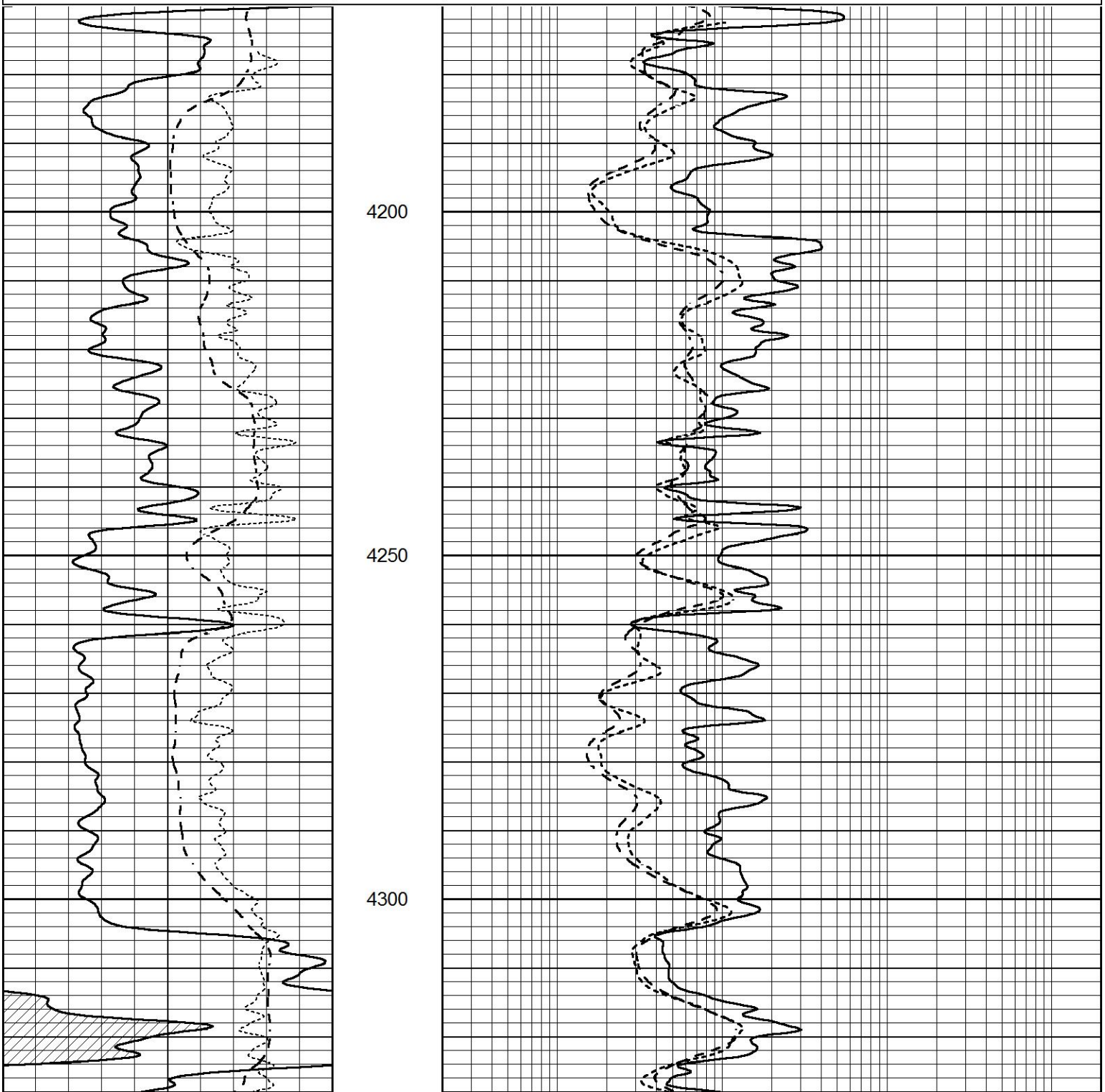

4850
4900
4950
5000
5050
5100
5150
5200
5250
5300
0 Gamma Ray (GAPI) 150
-100 SP (mV) 100
1000 CILD (mmho/m) 0
0 RLL3 (Ohm-m) 50
0 Deep Induction (Ohm-m) 50
50 RILD X10 (Ohm-m) 500
50 RLL3 X10 (Ohm-m) 500

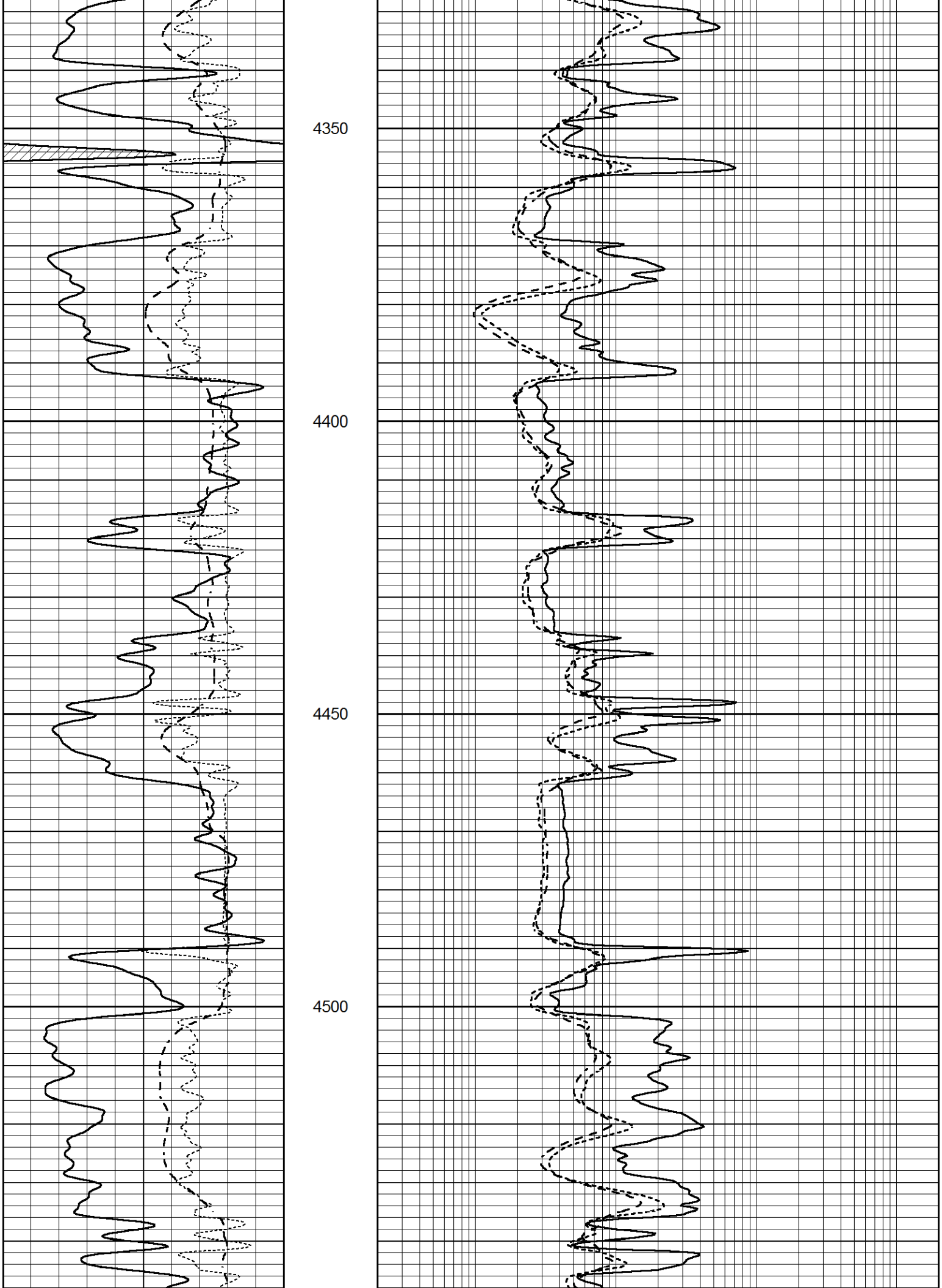
MAIN SECTION

Database File	5628pe.db
Dataset Pathname	pass4.1
Presentation Format	_dil
Dataset Creation	Sat Jun 26 01:05:30 2021
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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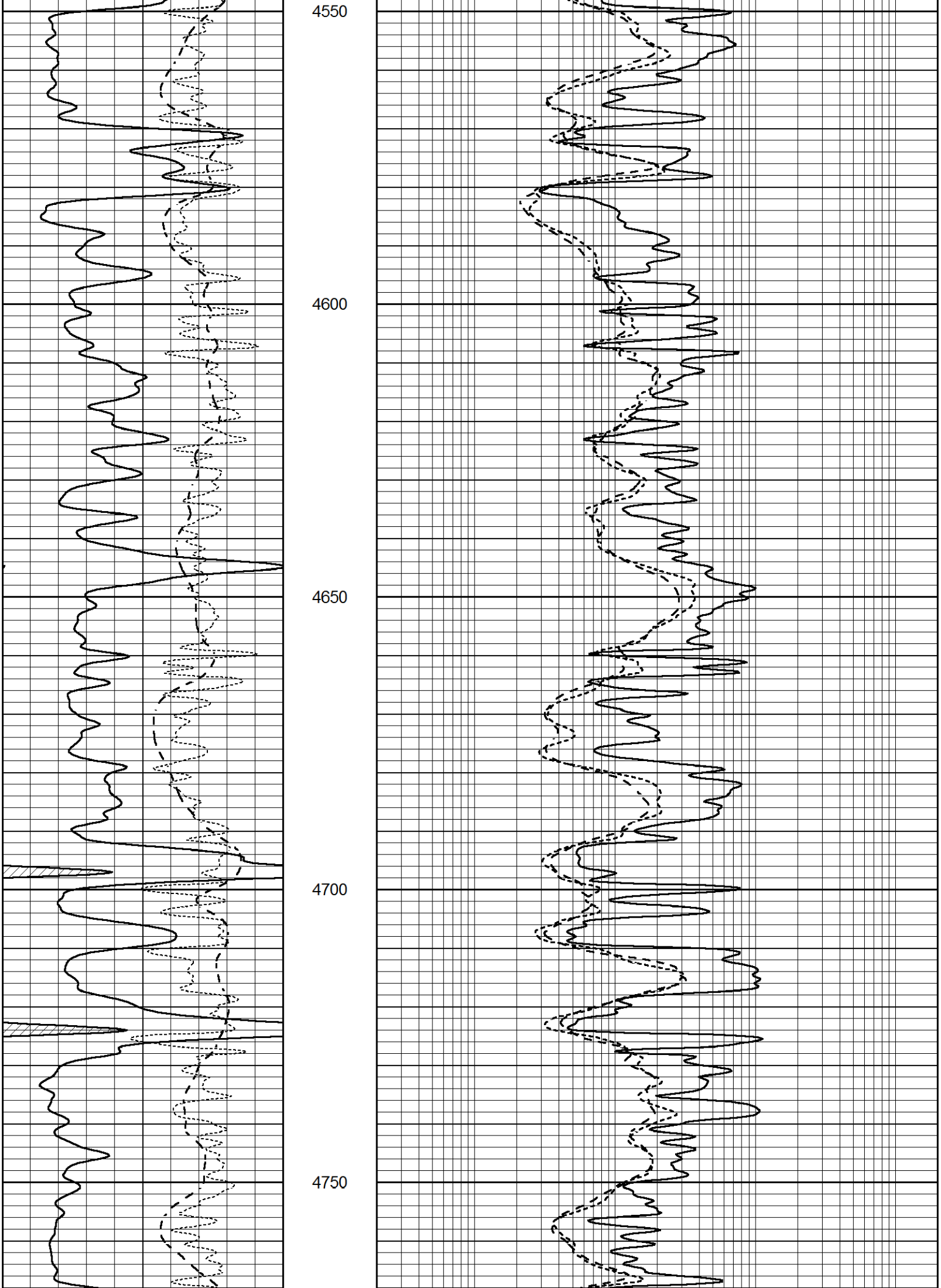
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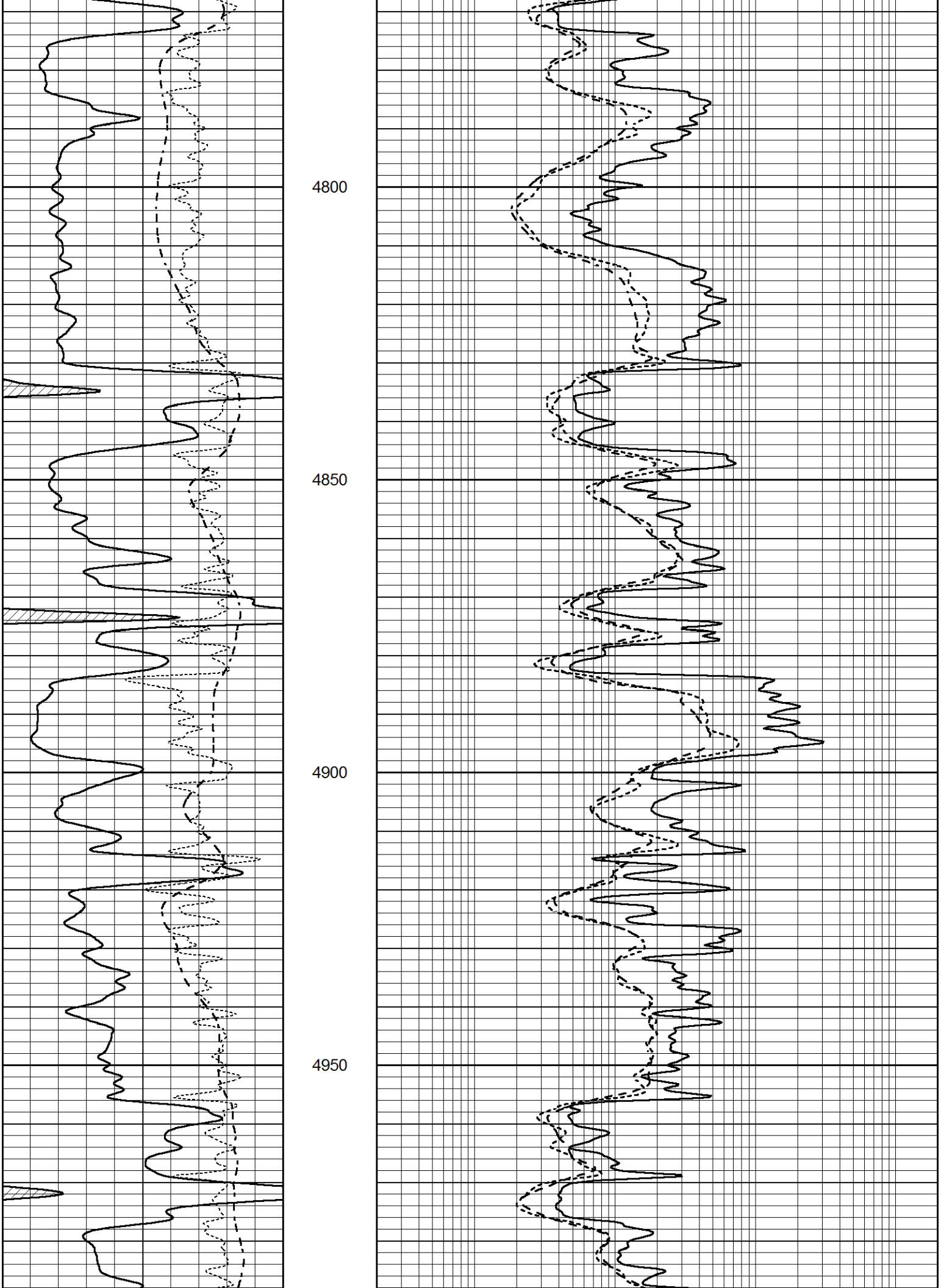
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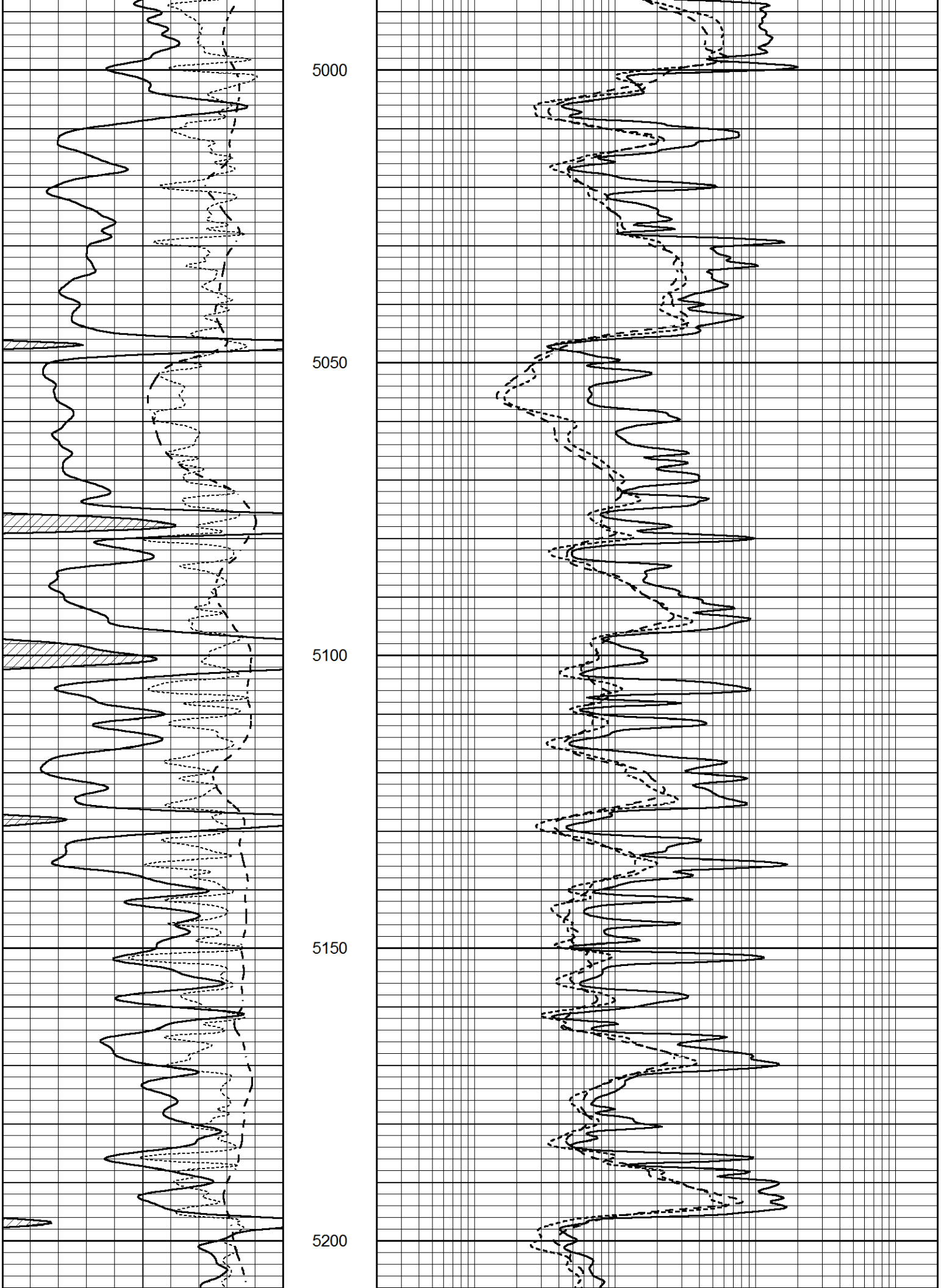
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5050
5100
5150
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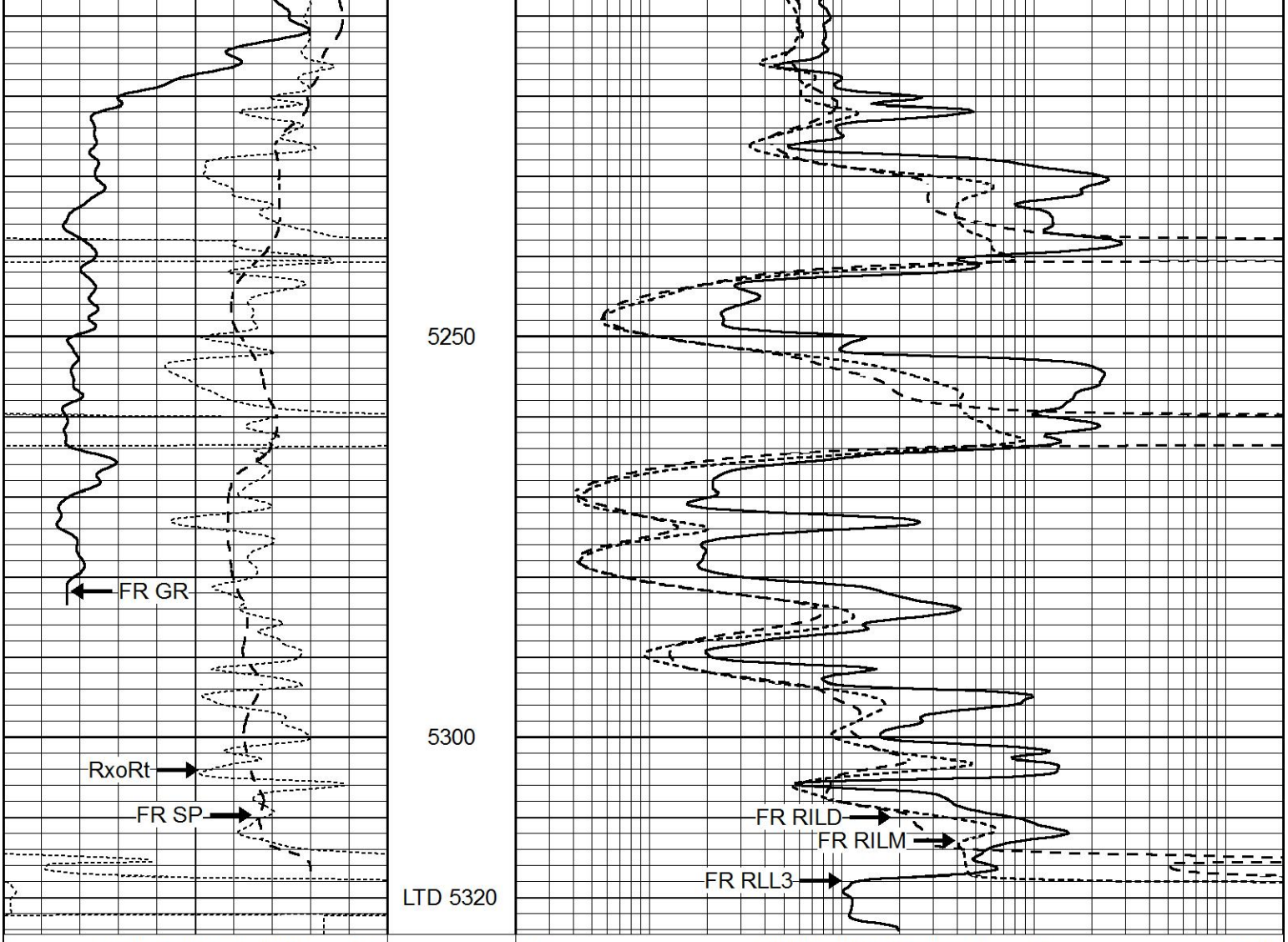


0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50

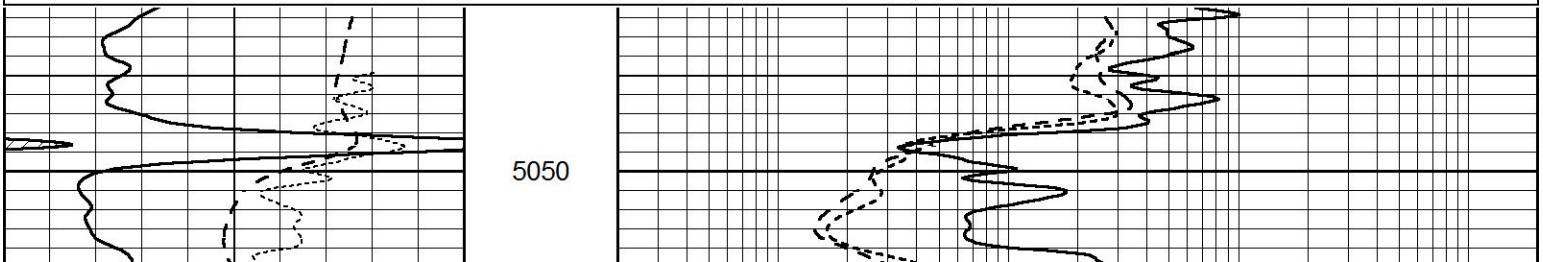
0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000

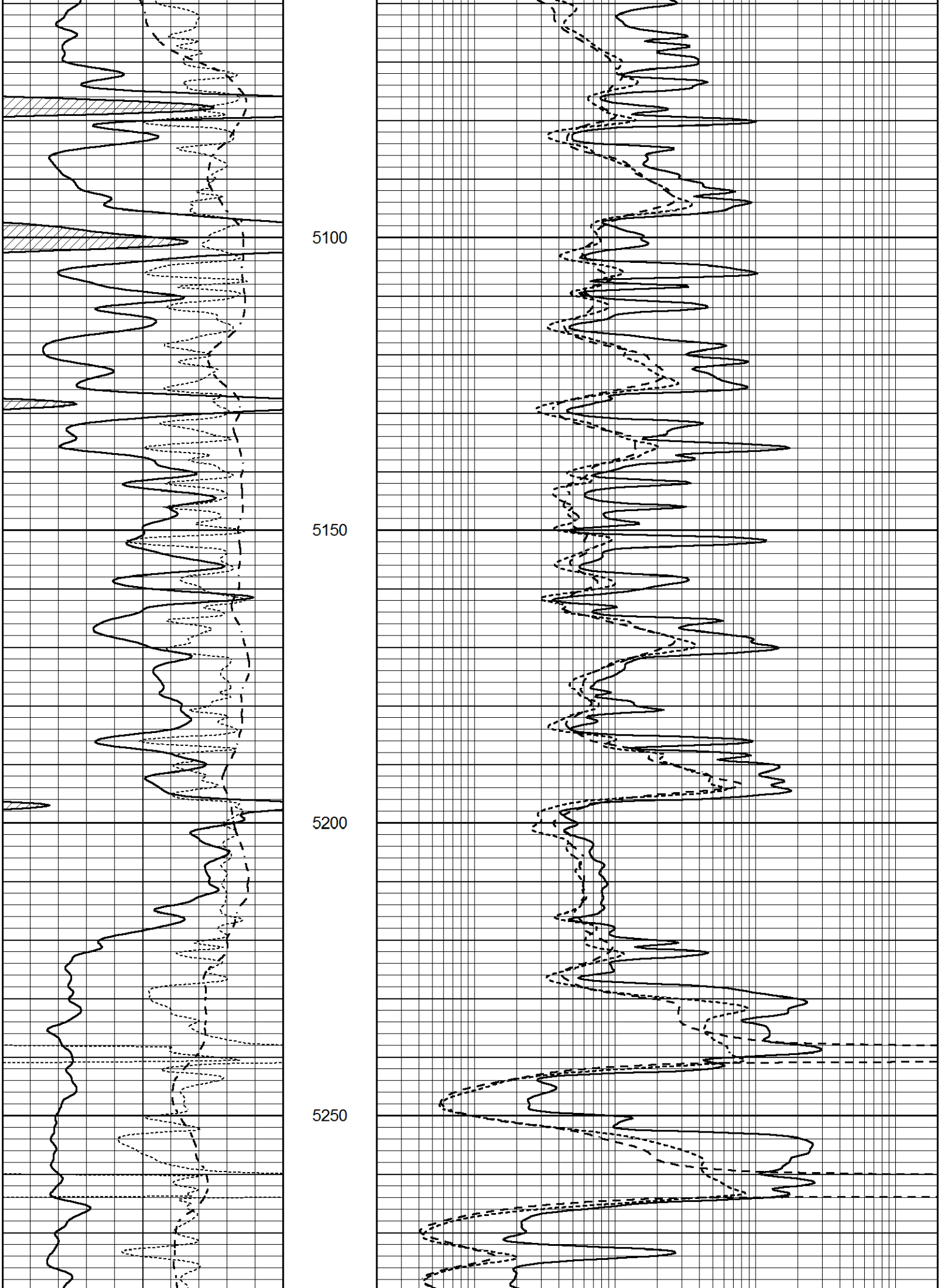
REPEAT SECTION

Database File	5628pe.db
Dataset Pathname	pass3.1
Presentation Format	_dil
Dataset Creation	Sat Jun 26 00:55:20 2021
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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5200
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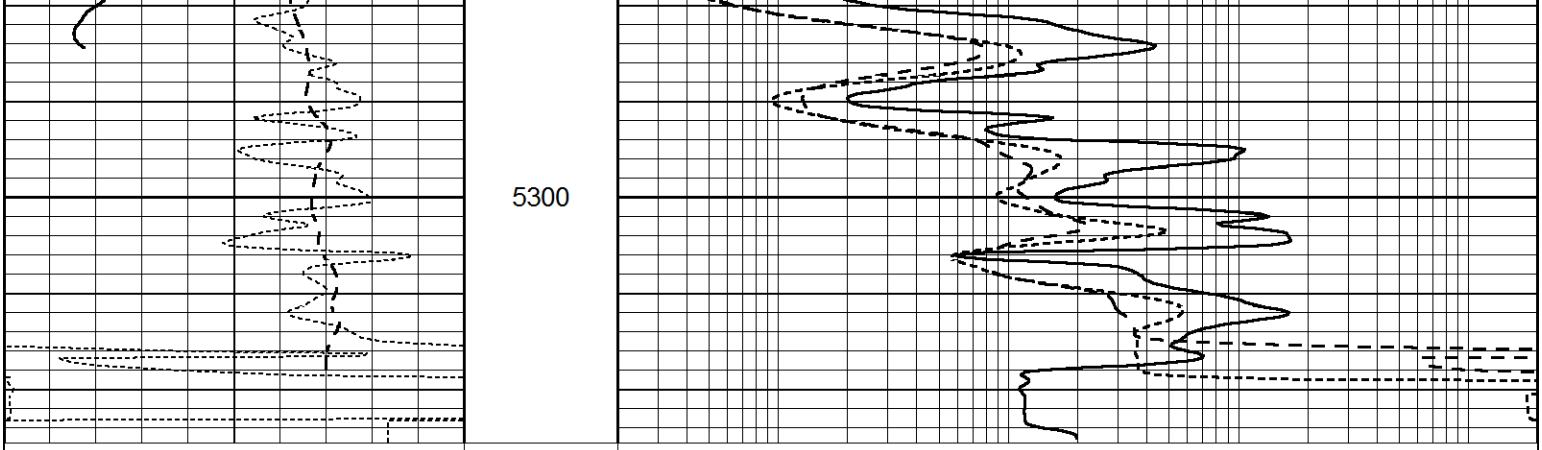

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50

0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000

Calibration Report

Database File 5628pe.db
Dataset Pathname pass3.1
Dataset Creation Sat Jun 26 00:55:20 2021

Dual Induction Calibration Report

Serial-Model: FW1410-55-Probe
Surface Cal Performed: Tue Feb 19 11:44:18 2019
Downhole Cal Performed: Tue Feb 19 11:44:24 2019
After Survey Verification Performed: Tue Feb 19 11:44:27 2019

Surface Calibration

	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.011	0.656	V	1.000	400.000	mmho/m	618.595	-5.524
Medium	-0.000	0.731	V	1.000	464.000	mmho/m	632.856	1.197
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.007	0.649	V	0.000	400.000	mmho/m	623.784	-4.595
Medium	0.004	0.743	V	0.000	464.000	mmho/m	627.284	-2.251

Downhole Calibration

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	-0.824	395.917	mmho/m	-0.976	397.550	mmho/m	1.004	-0.149
Medium	3.565	471.327	mmho/m	3.468	471.590	mmho/m	1.001	-0.099
LL3		7.503	V		1500.000	Ohm-m		
		0.001	V		20.000	Ohm-m		
		-7.481	V		3745.000	mmho-m		

After Survey Verification

	Readings			Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	-0.824	395.917	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	3.565	471.327	mmho/m	1.000	0.000
LL3		0.000	Ohm-m		1500.000	Ohm-m		
		0.000	Ohm-m		20.000	Ohm-m		
		0.000	mmho-m		3745.000	mmho-m		

Litho Density Calibration Report
Serial: 140704
Model: V4_10P
Source Number: 74GBq-19

Master Calibration

Performed: Mon Dec 07 12:12:14 2020

	Background	Aluminum	Magnesium	
Window 1	557.73	5525.14	24361.20	cps
Window 2	47.08	1245.09	5901.17	cps
Window 4	239.06	1250.70	5456.76	cps
Window 5	564.08	8300.56	16134.07	cps
Window 6	44.21	1356.78	2705.40	cps
Window 8	267.87	2686.97	5150.30	cps
Bulk Density	-	2.6020	1.6830	g/cc
Pe	-	3.0000	2.5070	b/e

LS Alpha: : -1.8719 SS Alpha: : -0.8000 LS CPE: : 1.1424
LS Beta: : 135562.6841 SS Beta: : 20128.7209 SS CPE: : 1.5489

Before Survey Backround Counts Verification

Performed: Wed Dec 31 18:00:00 1969

Window 1	0.00	cps
Window 2	0.00	cps
Window 4	0.00	cps
Window 5	0.00	cps
Window 6	0.00	cps
Window 8	0.00	cps

After Survey Background Counts Verification

Performed: Wed Dec 31 18:00:00 1969

Window 1	0.00	cps
Window 2	0.00	cps
Window 4	0.00	cps
Window 5	0.00	cps
Window 6	0.00	cps
Window 8	0.00	cps

Lithodensity Caliper Calibration

Performed: Mon Dec 07 12:12:14 2020

Results Readings		References (in)			
Low	High	Low	High	Gain	Offset
664.3	1102.8	8.0	14.0	0.0	-0.9

Before Survey Caliper Verification

Performed:

	Reference	Reading
Caliper (in)		

After Survey Caliper Verification

Performed:

	Reference	Reading
Caliper (in)		

Compensated Neutron Calibration Report

Serial Number: 080621PMC
Tool Model: NABORS

PRE-SURVEY VERIFICATION

Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu

POST-SURVEY VERIFICATION

Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu

Gamma Ray Calibration Report

Serial Number:	7	
Tool Model:	Probe1	
Performed:	Tue Jan 19 17:50:08 2021	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.5300	GAPI/cps