DUAL INDUCTION LOG

Company VINCENT OIL CORPORATION
Well KEOUGH #14-34
Field MULBERRY CREEK
County FORD State KANSAS

Company VINCENT OIL CORPORATION
Well KEOUGH #14-34
Field MULBERRY CREEK
County FORD
State KANSAS

Location: API # : 15-057-21049-0000

460' FSL & 1440' FWL

SEC 34 TWP 28S RGE 23W

Other Services
CDL/CNL/PE
MEL/SON

Permanent Datum GROUND LEVEL Elevation 2542
Log Measured From KELLY BUSHING 12' A.G.L
Drilling Measured From KELLY BUSHING

Elevation
K.B. 2554
D.F. 2552
G.L. 2542

Date	3/10/21		
Run Number	ONE		
Depth Driller	5340		
Depth Logger	5343		
Bottom Logged Interval	5341		
Top Log Interval	00		
Casing Driller	8 5/8" @ 700		
Casing Logger	700		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 6700 PPM	
Density / Viscosity	9.1/58		
pH / Fluid Loss	11.0/7.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.56 @ 65F		
Rmf @ Meas. Temp	.42 @ 65F		
Rmc @ Meas. Temp	.67 @ 65F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.28 @ 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	TOM DUDGEON		

<<< Fold Here >>>

Comments

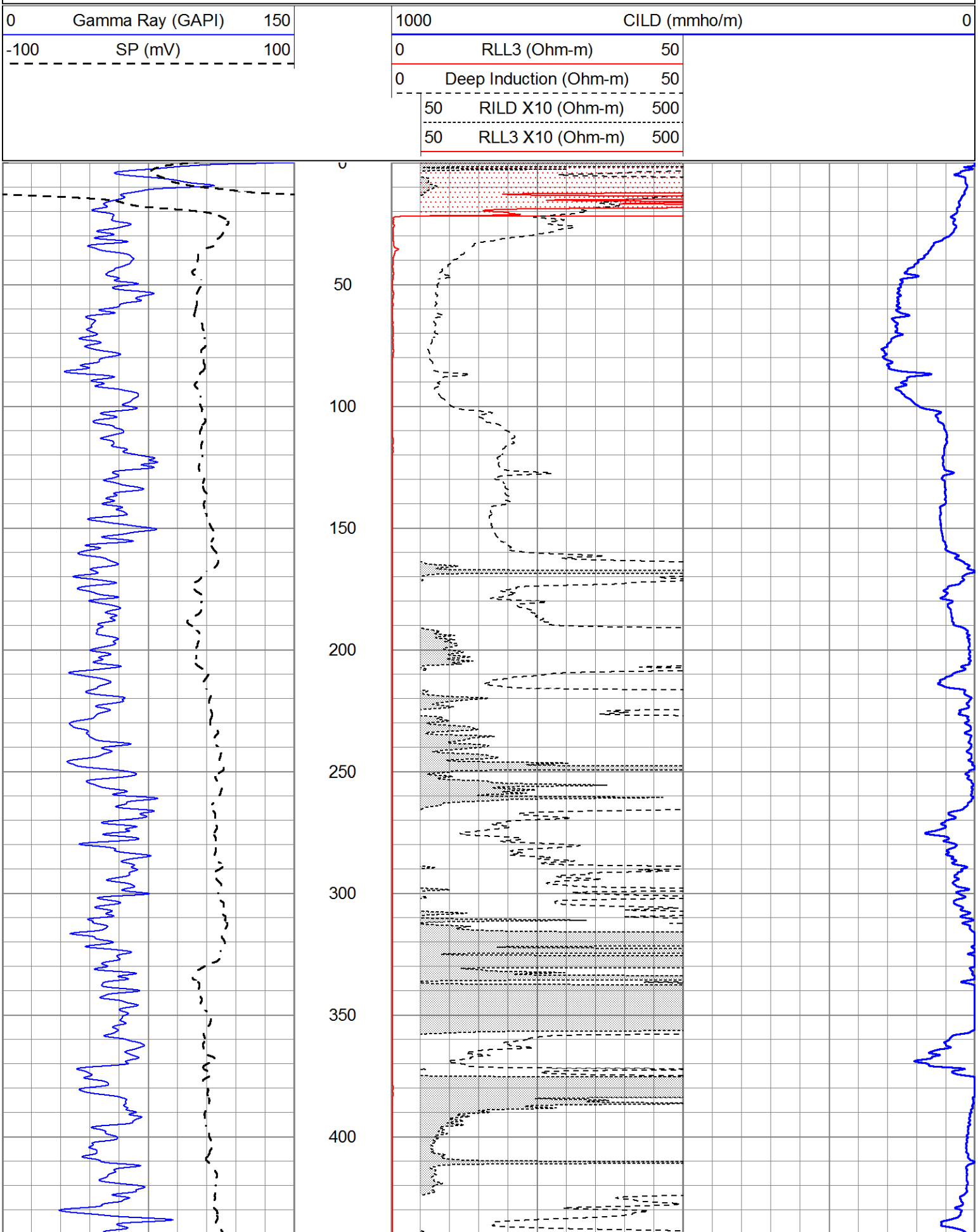
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395

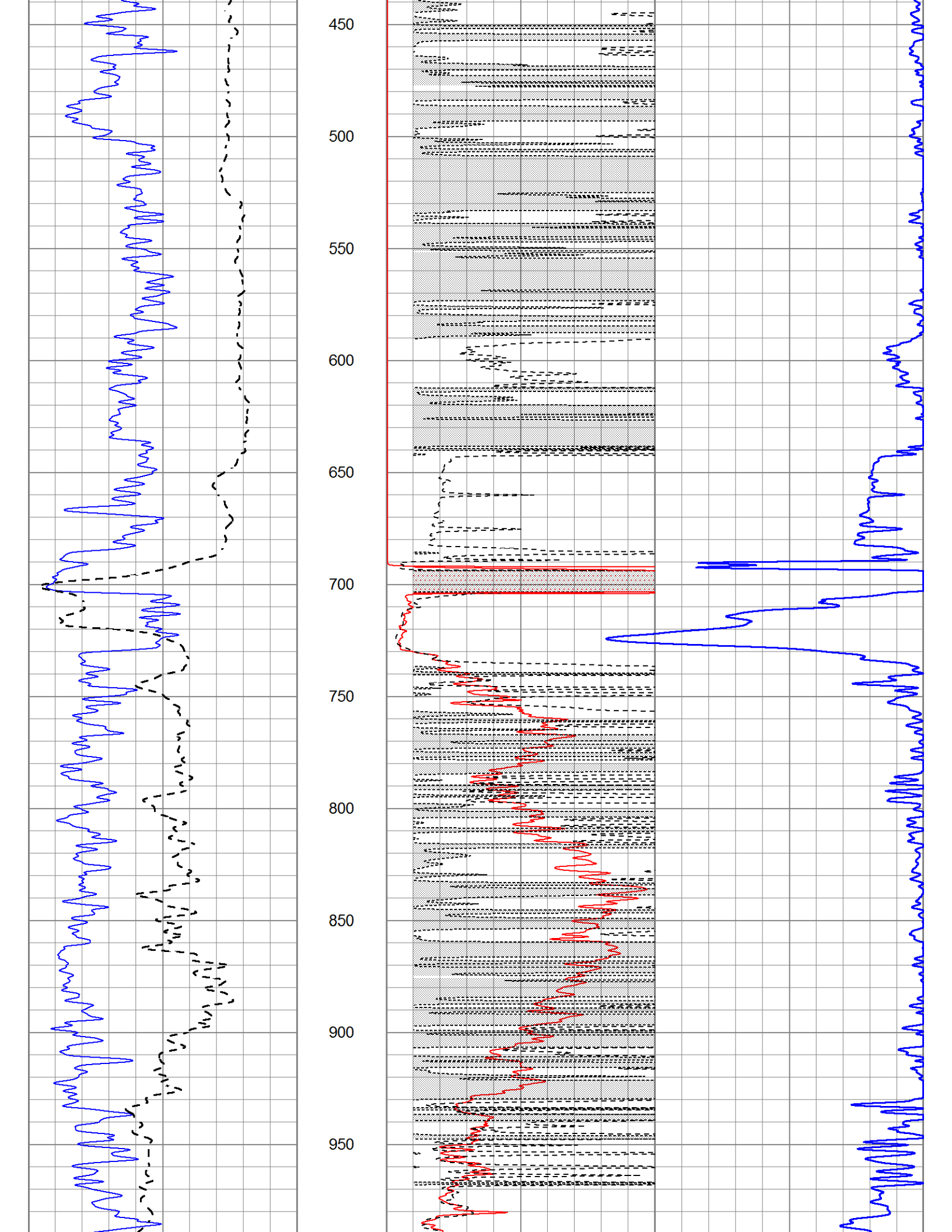
DIRECTIONS

KINGSDOWN, KS. - 2 NORTH TO WILBURN RD. - 3 1/2 WEST - NORTH INTO

MAIN SECTION

Database File	5210pe.db
Dataset Pathname	pass3.2
Presentation Format	_dil2
Dataset Creation	Wed Mar 10 06:36:41 2021
Charted by	Depth in Feet scaled 1:600

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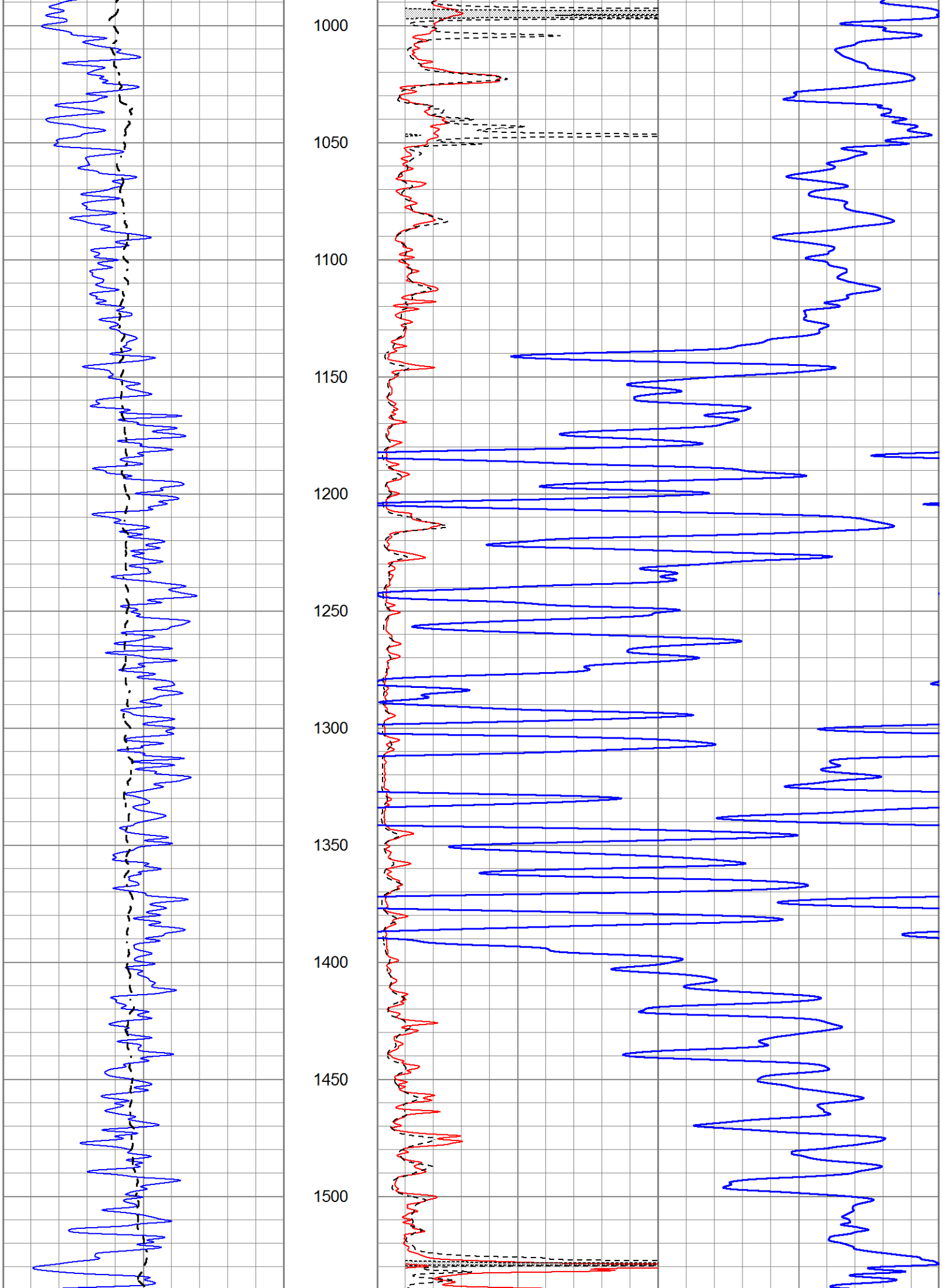
500
550
600
650
700
750
800
850
900
950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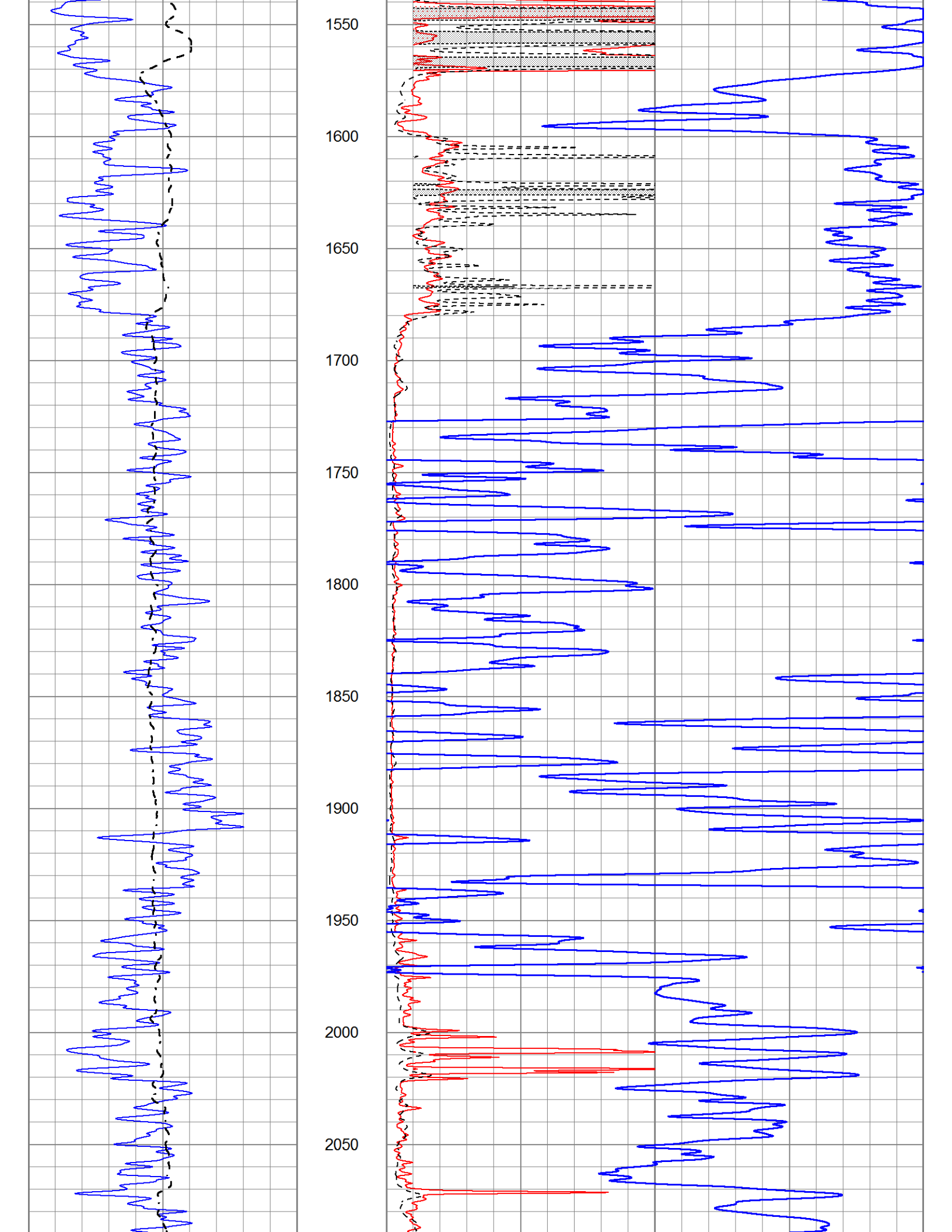
1100
1150
1200
1250
1300
1350
1400
1450
1500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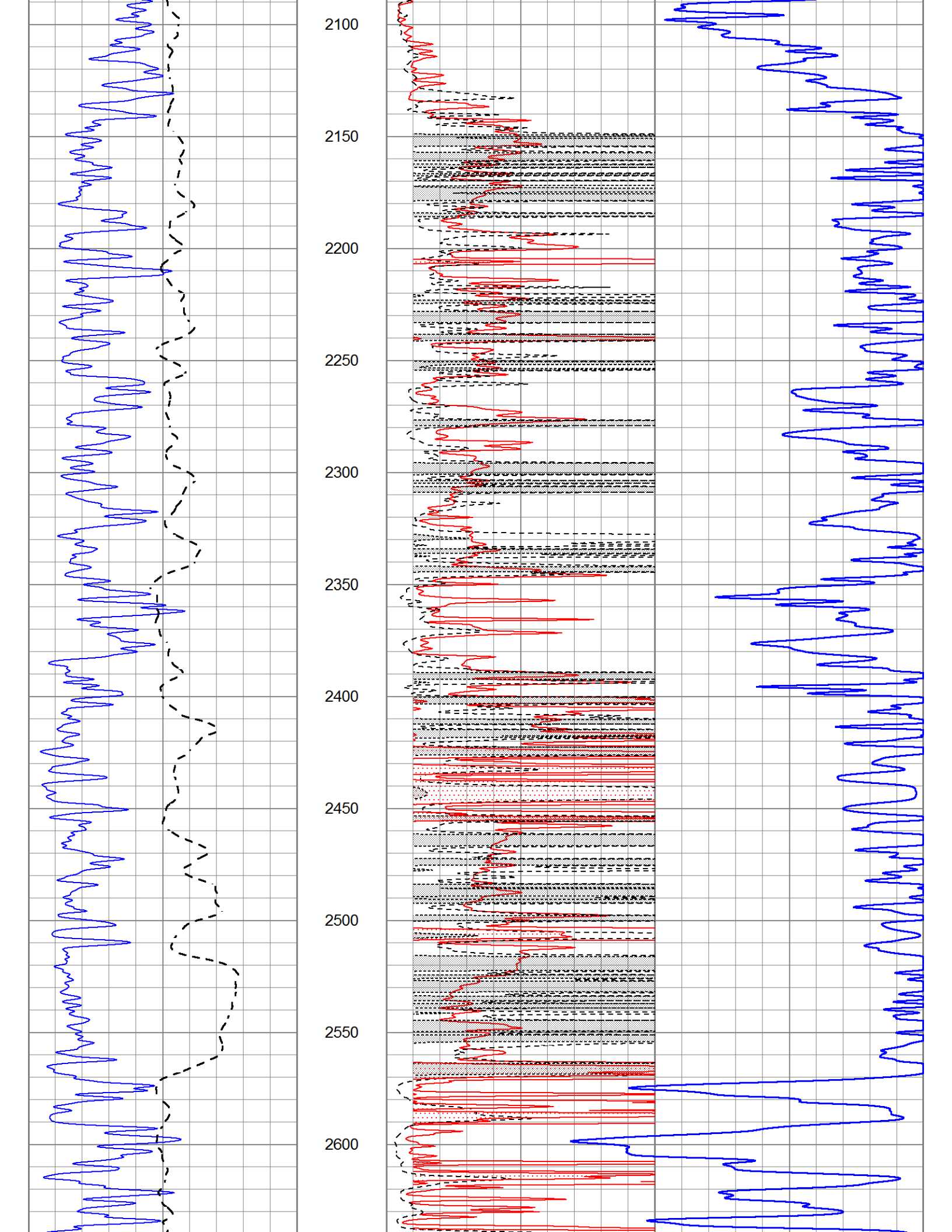
1600
1650
1700
1750
1800
1850
1900
1950
2000
2050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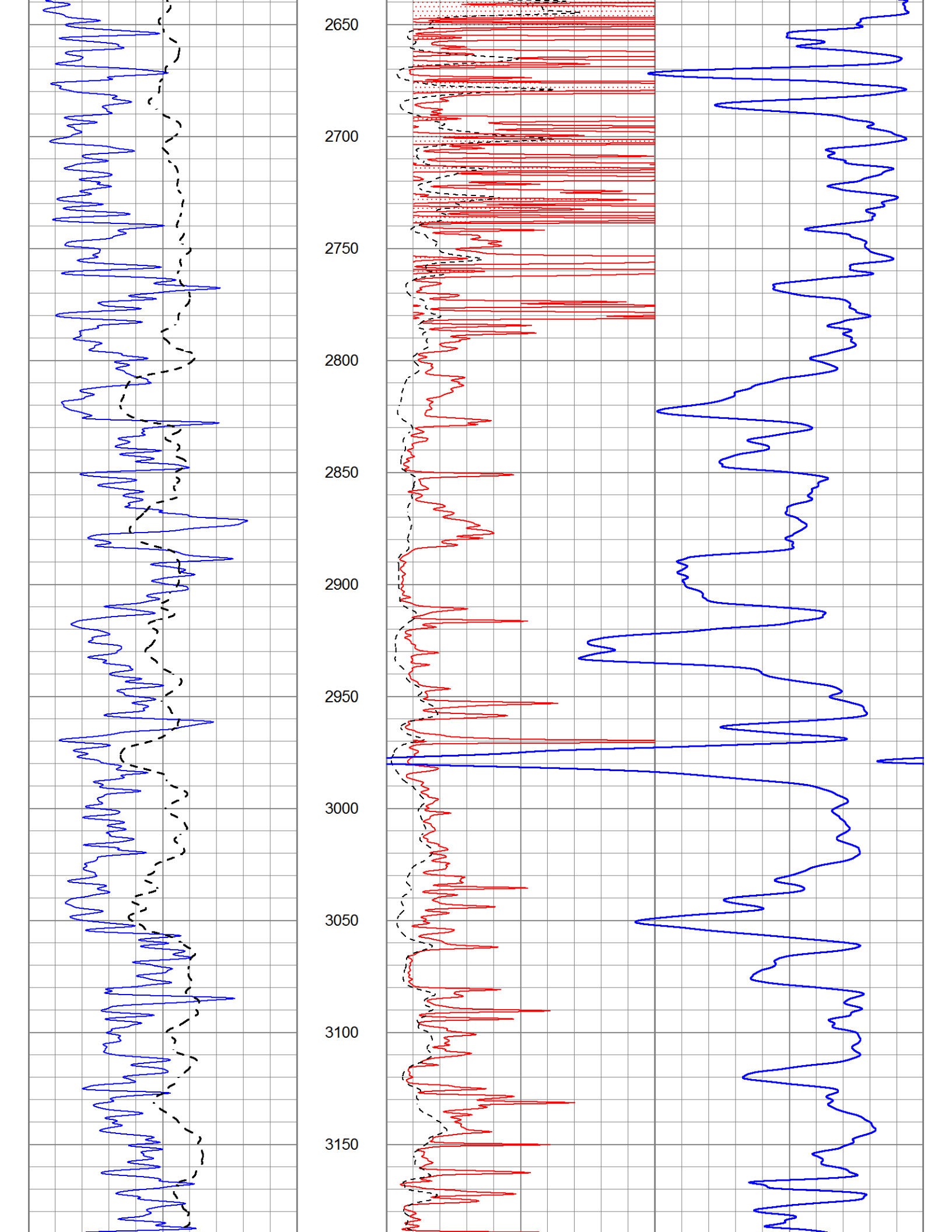
2250
2300
2350
2400
2450
2500
2550
2600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2800
2850
2900
2950
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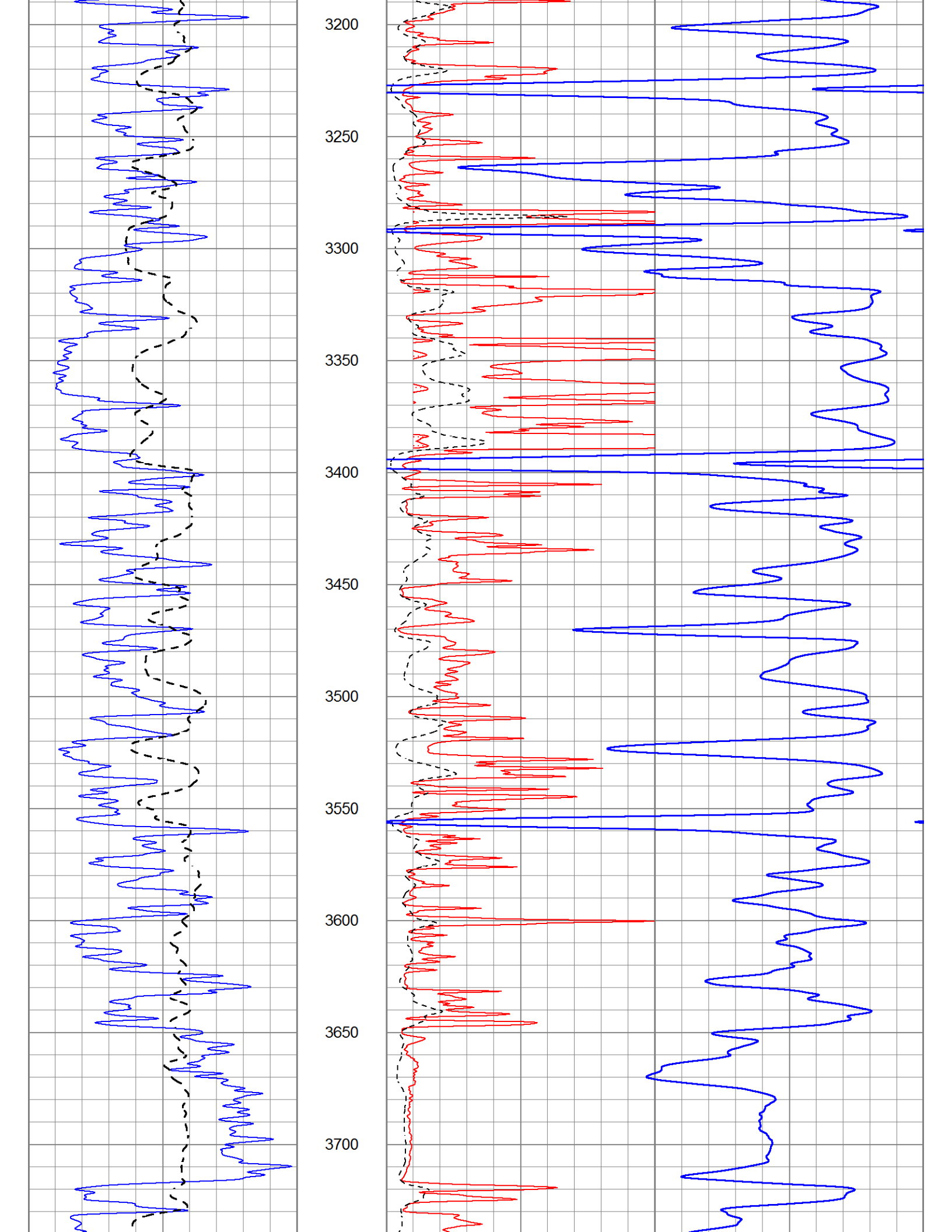
3050
3100
3150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3400
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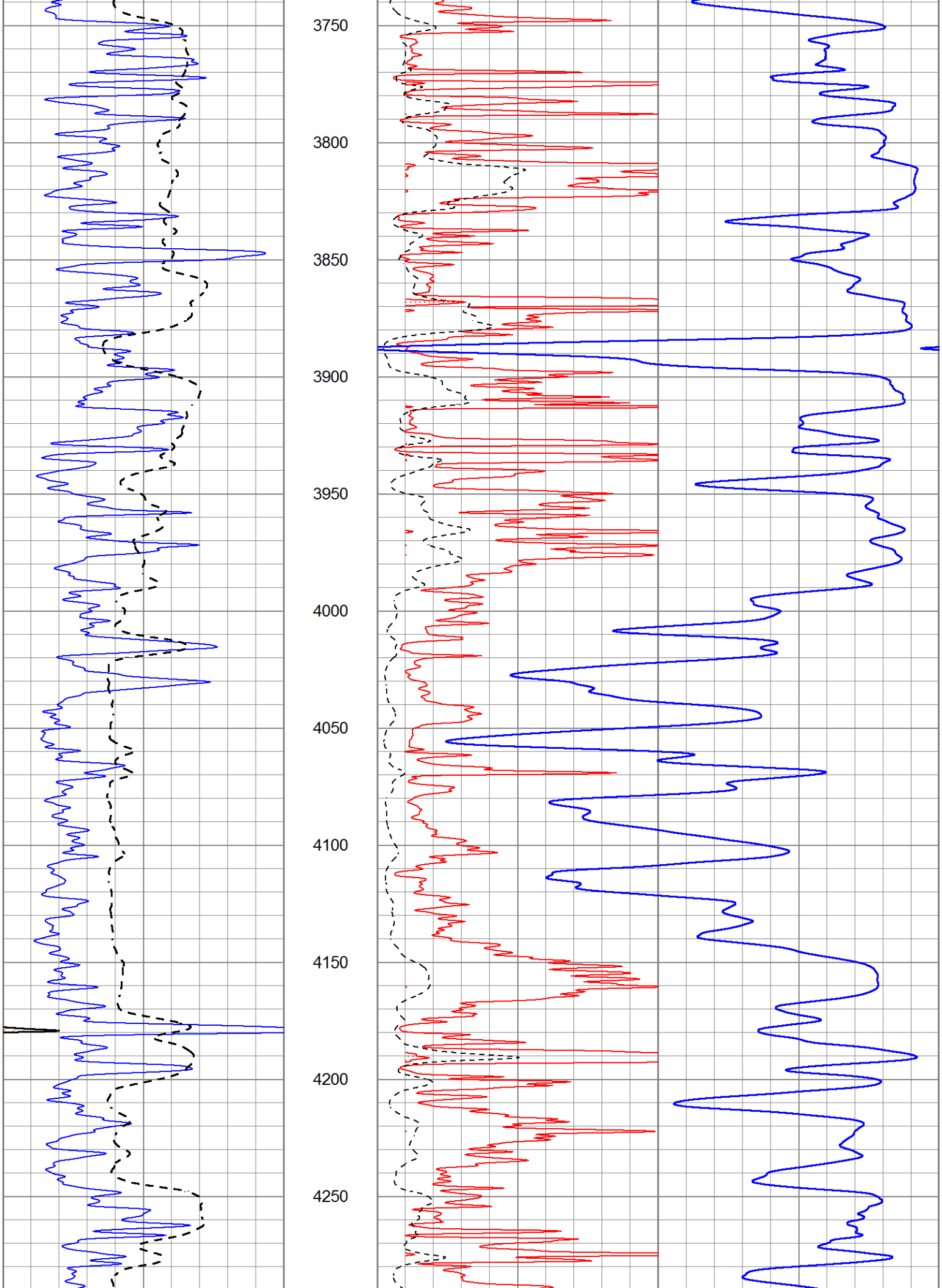
3600
3650
3700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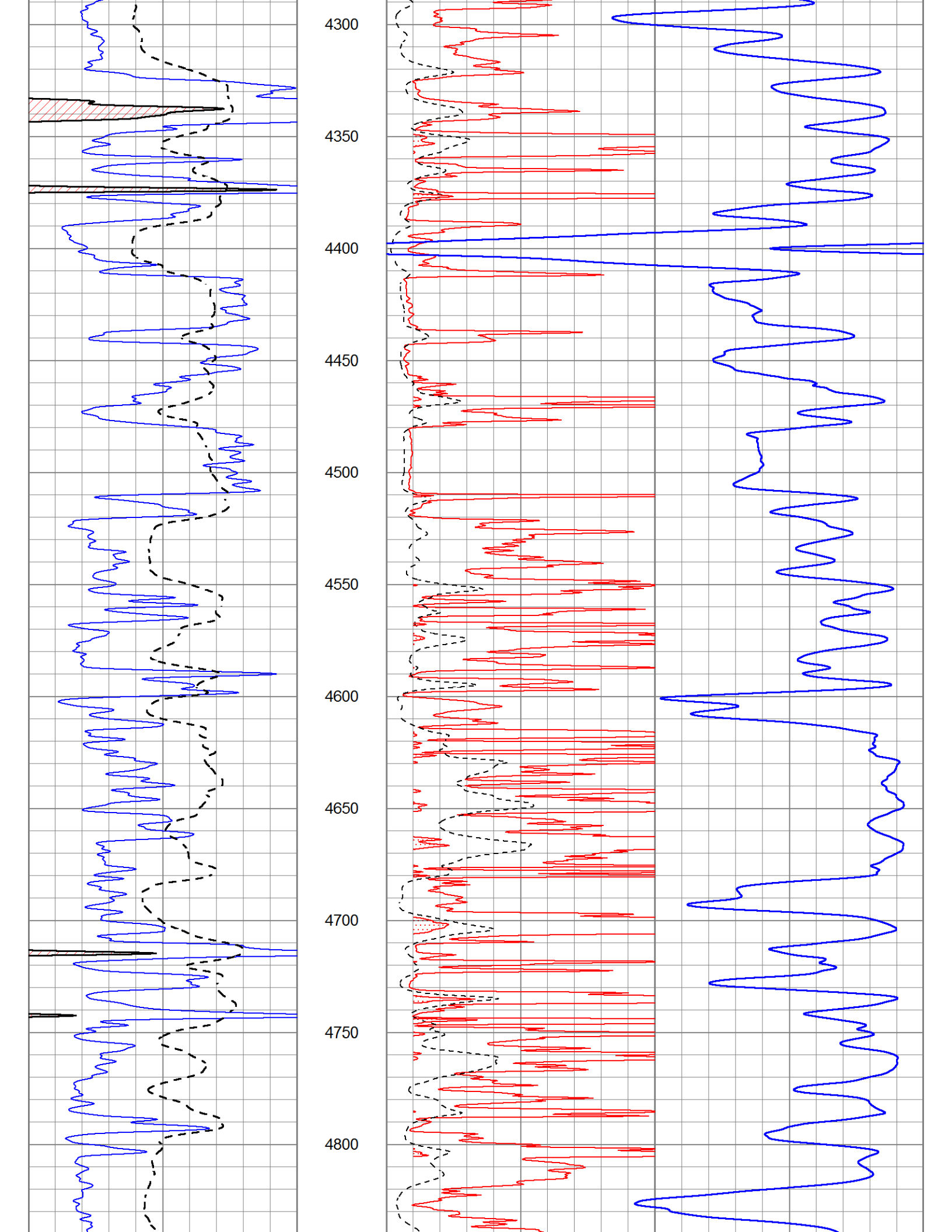
3950
4000
4050
4100
4150
4200
4250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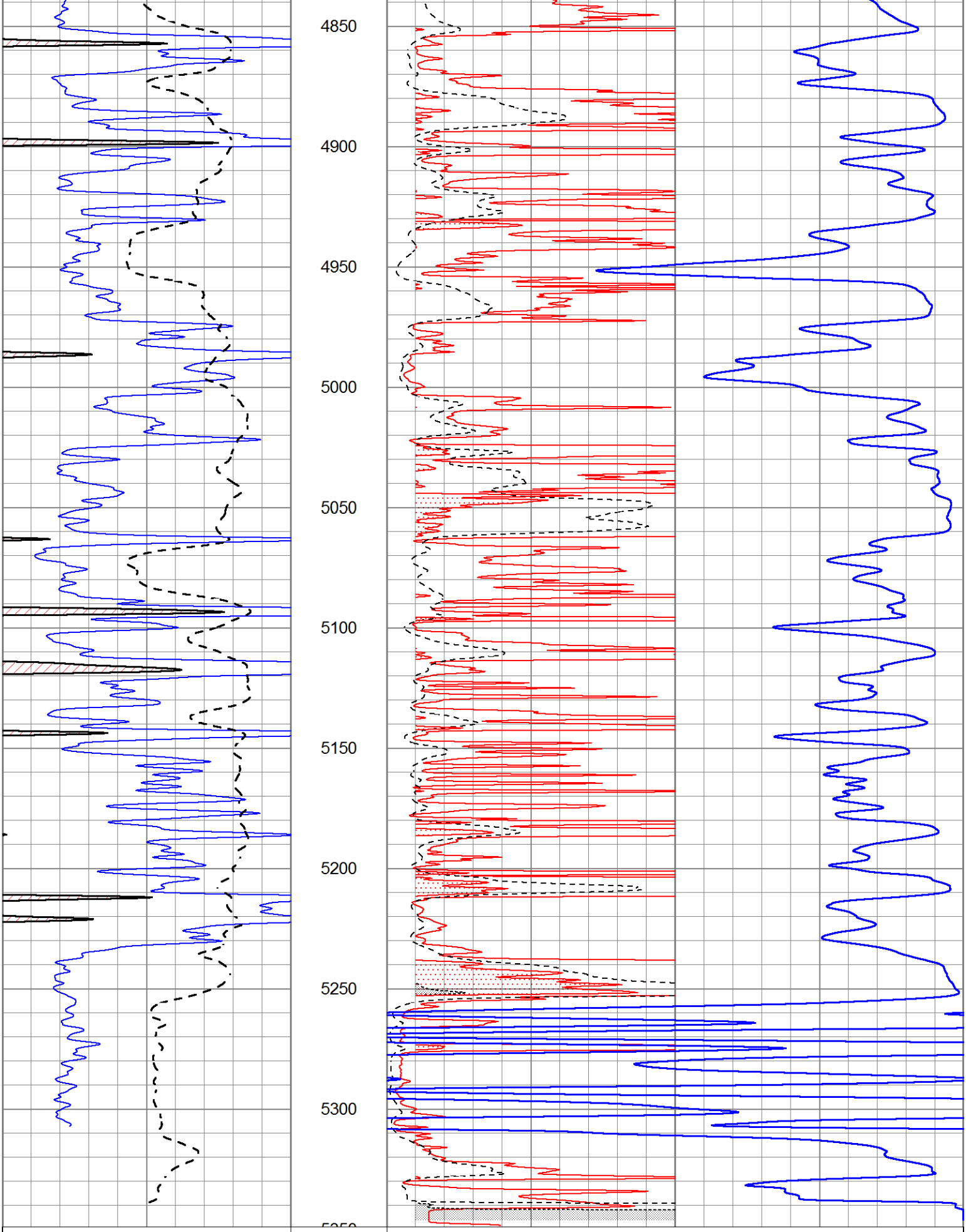
4400
4450
4500
4550
4600
4650
4700
4750
4800


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

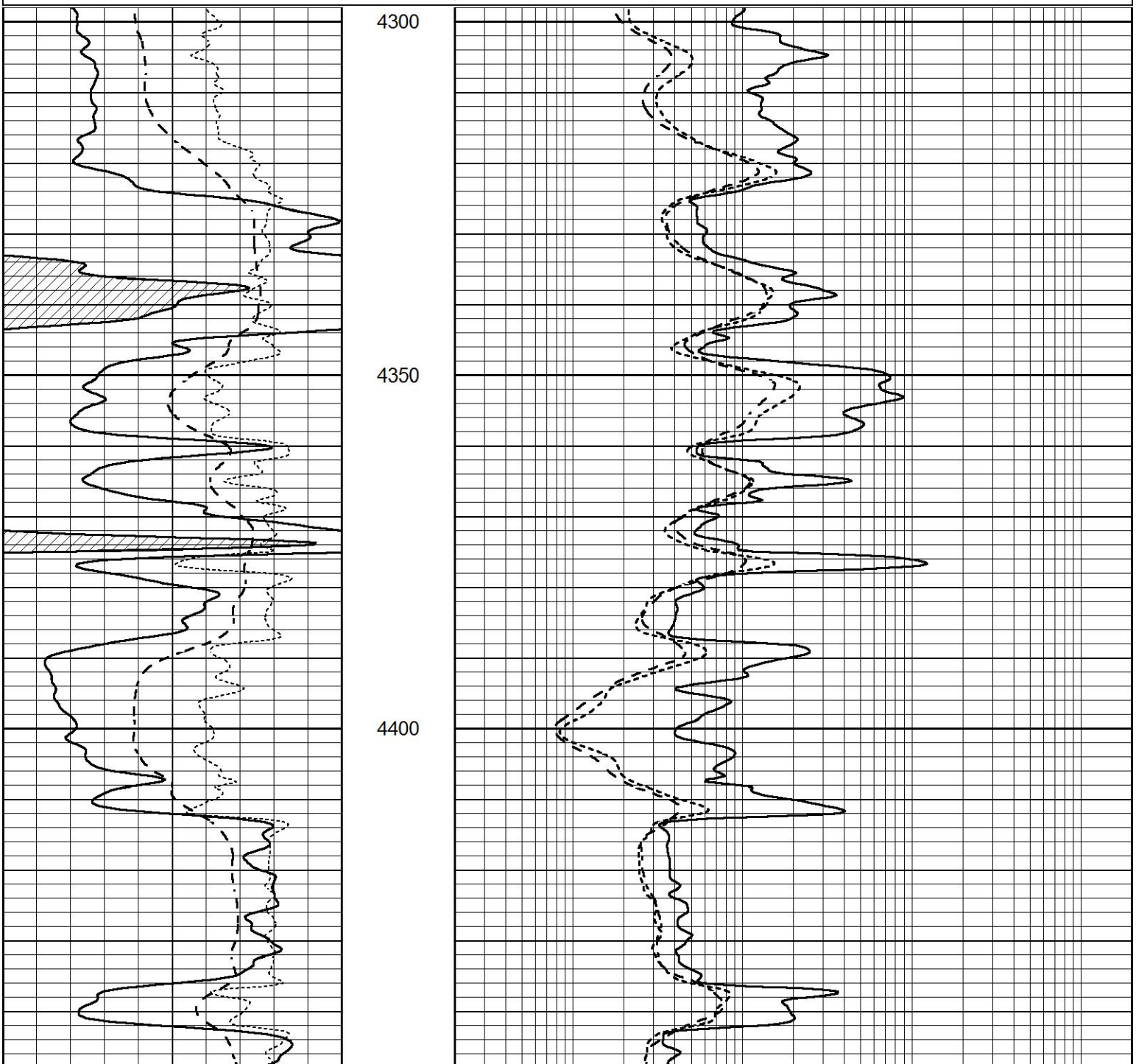
50	RILD X10 (Ohm-m)	500
50	RLL3 X10 (Ohm-m)	500

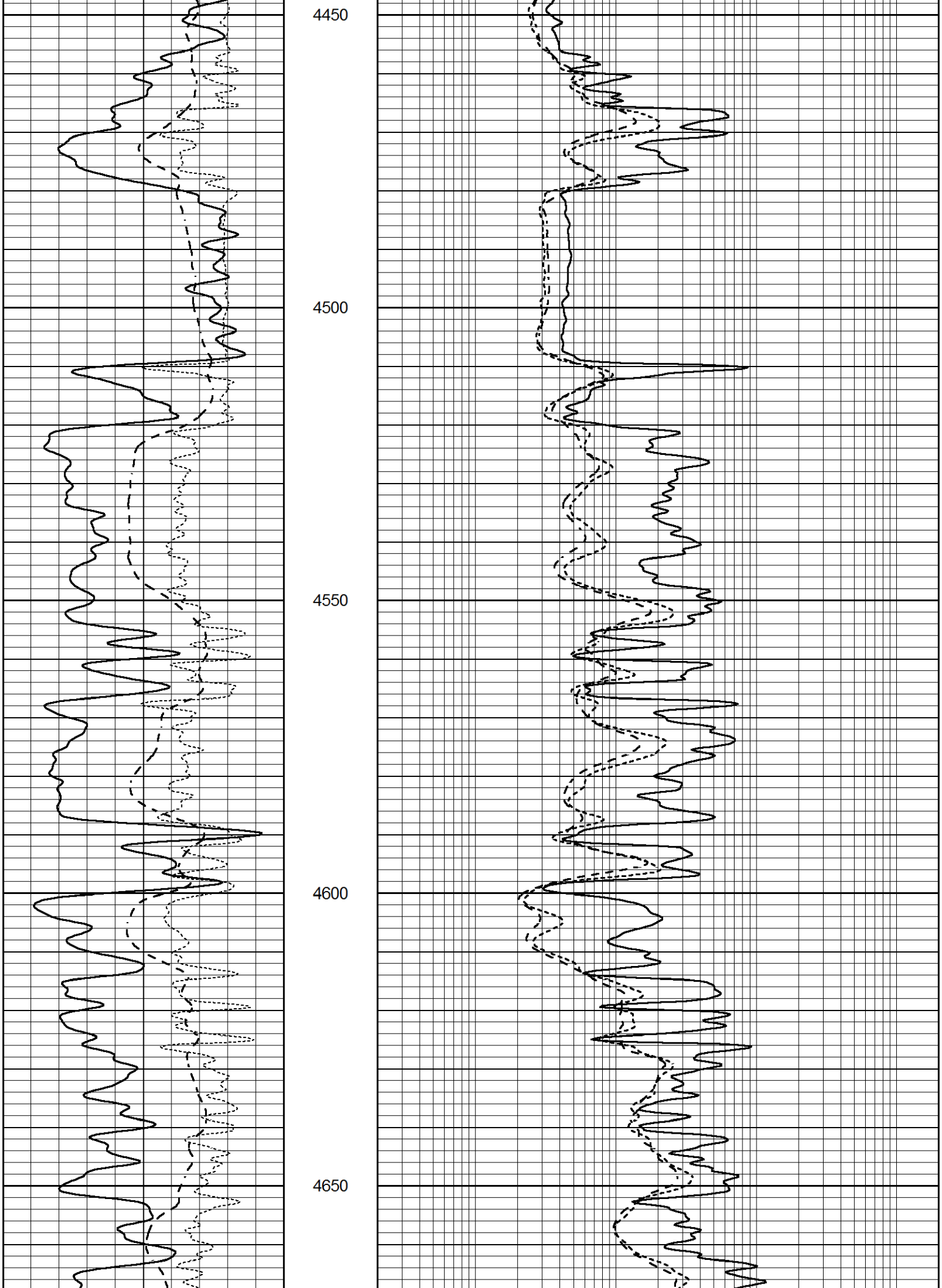
MAIN SECTION

Database File	5210pe.db
Dataset Pathname	pass3.1
Presentation Format	_dil
Dataset Creation	Wed Mar 10 05:36:02 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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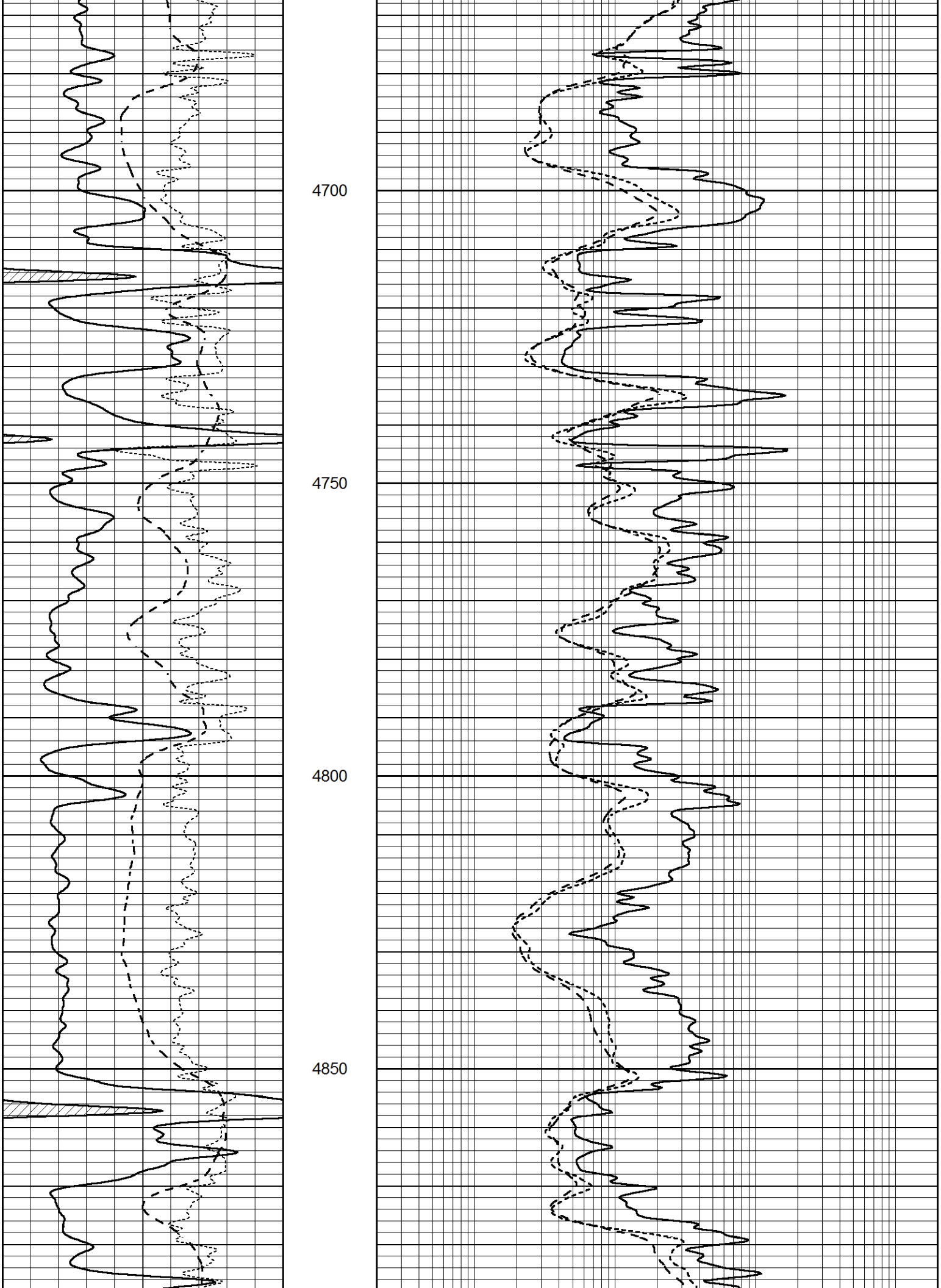
4500
4550
4600
4650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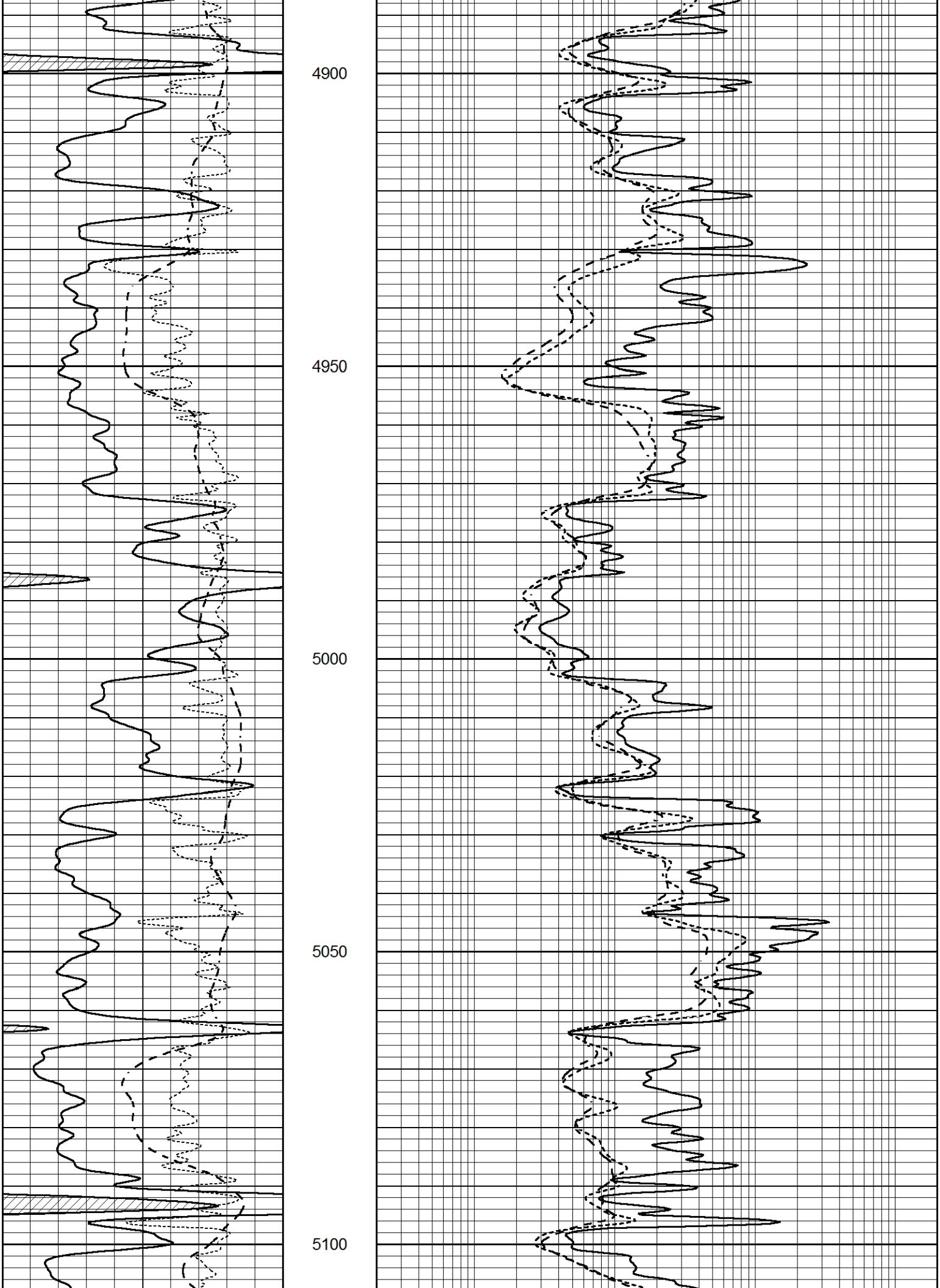
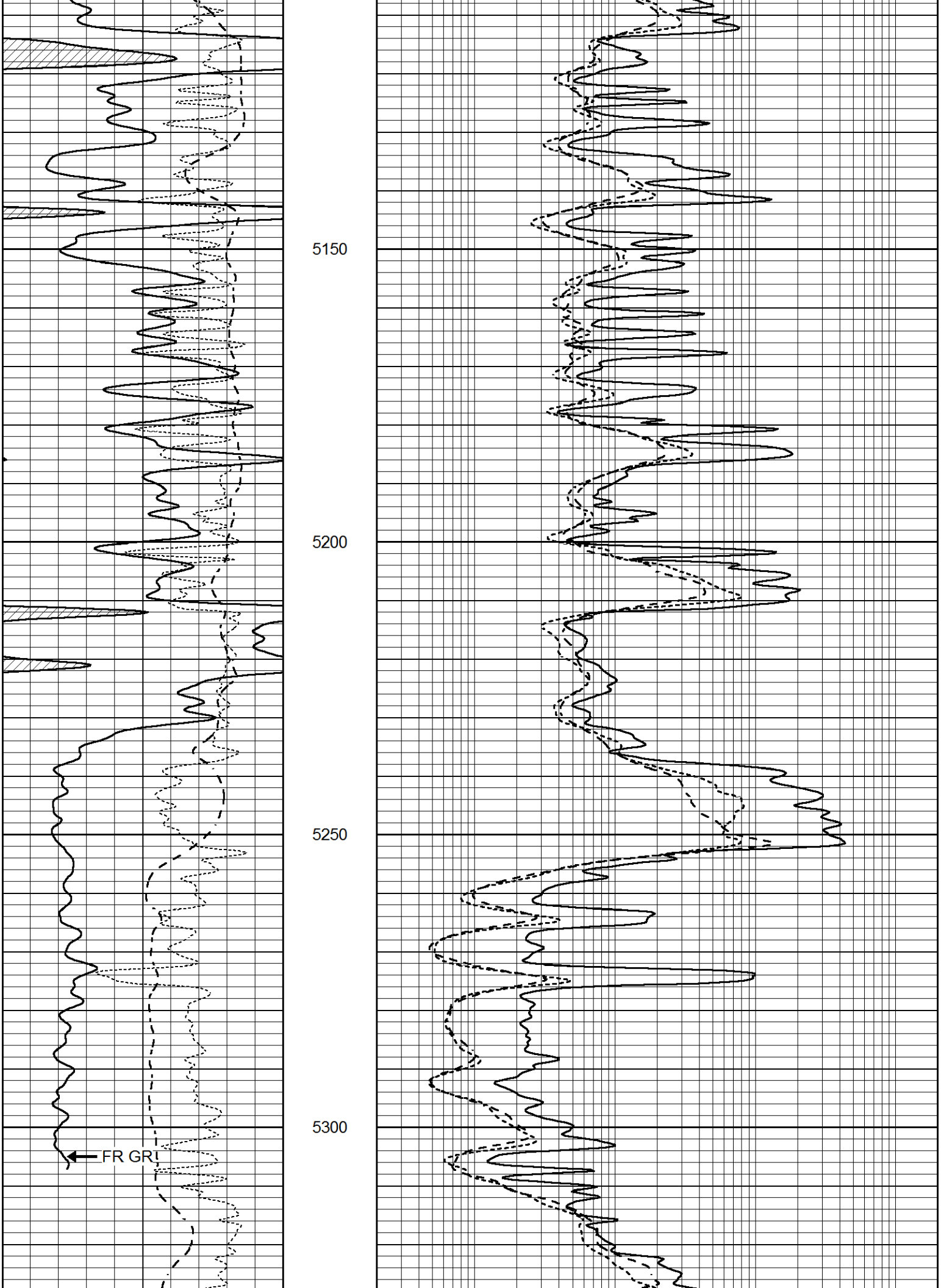
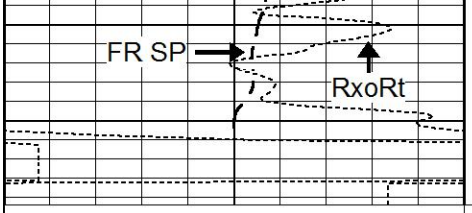
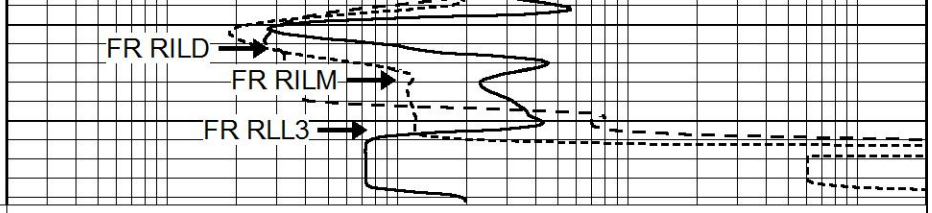
4750
4800
4850


4900
4950
5000
5050
5100


5150
5200
5250
5300
FR GR



LTD 5343



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

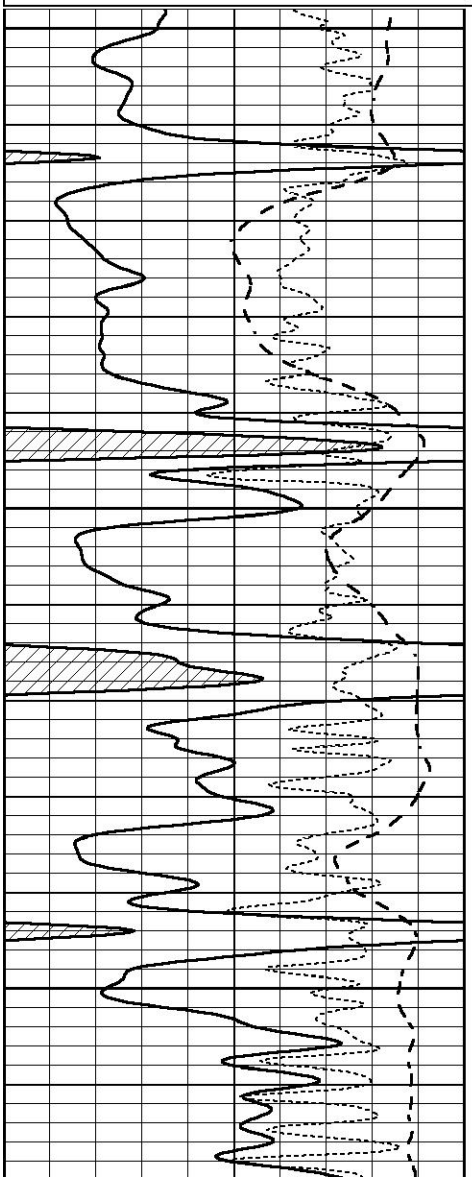
0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000

REPEAT SECTION

Database File	5210pe.db
Dataset Pathname	pass2.1
Presentation Format	_dil
Dataset Creation	Wed Mar 10 05:34:26 2021
Charted by	Depth in Feet scaled 1:240

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

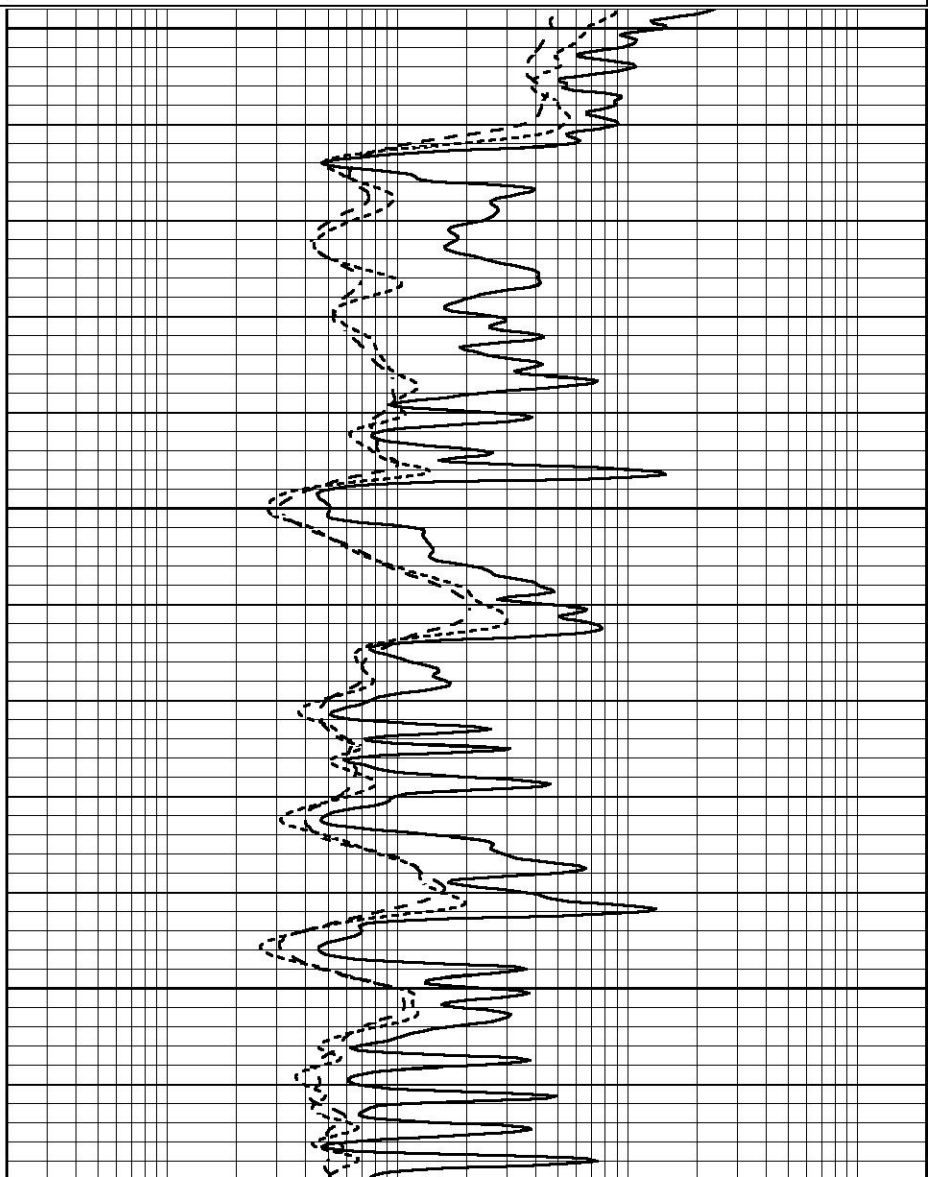
0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000

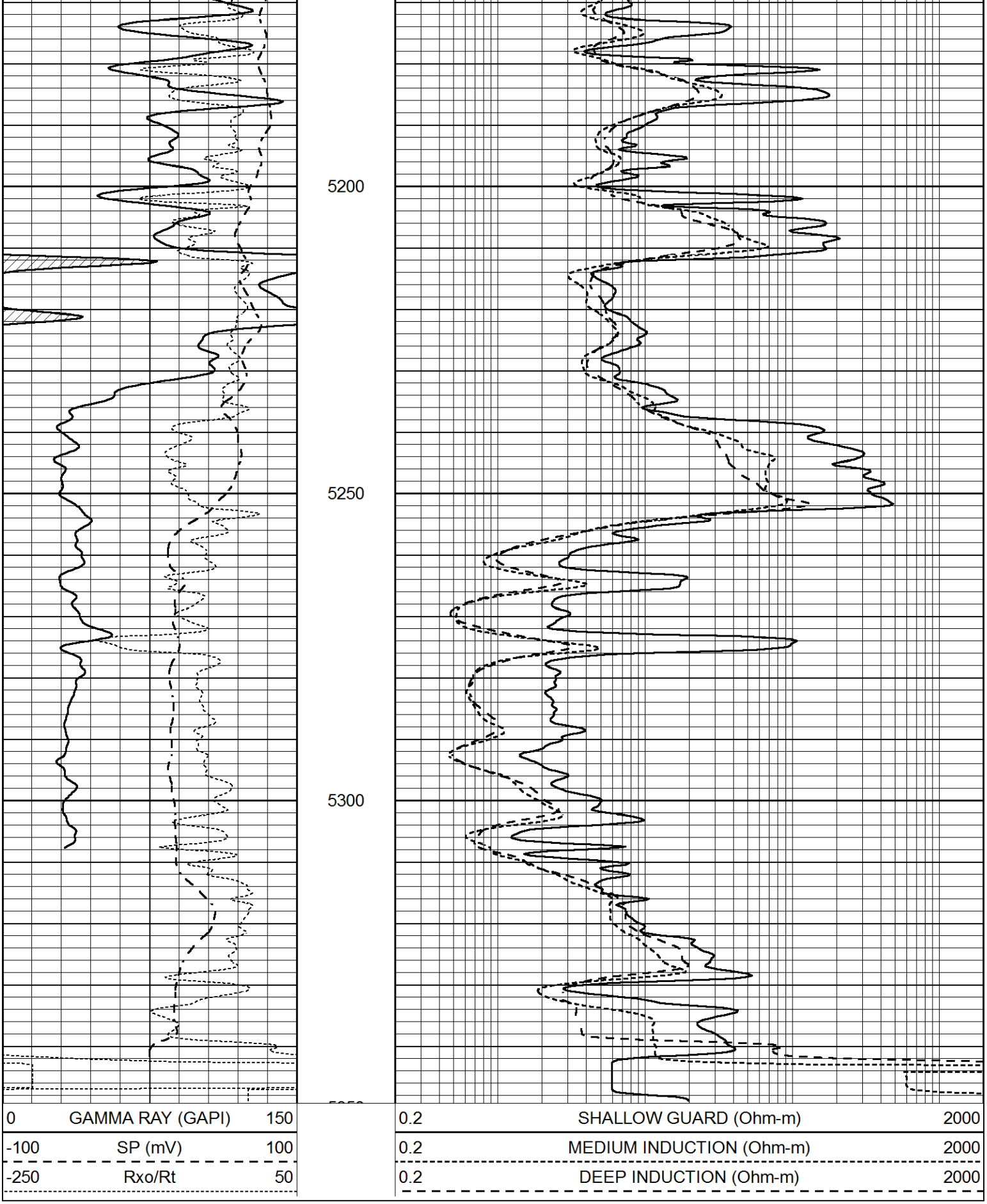


5050

5100

5150





Calibration Report

Database File	5210pe.db
Dataset Pathname	pass2.1
Dataset Creation	Wed Mar 10 05:34:26 2021

Dual Induction Calibration Report

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: 140703
Model: V4_10P
Source Number: 74GBq-19

Master Calibration

Performed: Wed Dec 02 12:04:44 2020

	Background	Aluminum	Magnesium	
Window 1	595.38	5386.50	23898.92	cps
Window 2	52.78	1248.21	5993.75	cps
Window 4	251.36	1200.30	5155.55	cps
Window 5	545.15	9066.30	17240.12	cps
Window 6	43.35	1491.73	2929.24	cps
Window 8	258.76	2917.82	5450.26	cps
Bulk Density	-	2.6020	1.6830	g/cc
Pe	-	3.0000	2.5070	b/e

LS Alpha:	: -1.8726	SS Alpha:	: -0.7656	LS CPE:	: 1.0742
LS Beta:	: 127345.0723	SS Beta:	: 20293.3834	SS CPE:	: 1.5427

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: Wed Dec 02 12:04:44 2020

Results Readings		References (in)			
Low	High	Low	High	Gain	Offset
8003.0	11159.9	8.0	14.0	0.0	-7.2

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