DUAL INDUCTION LOG

Company VINCENT OIL CORPORATION
Well PERKINS-CLOSE #1-3
Field MULBERRY CREEK
County FORD State KANSAS

Location: API # : 15-057-21097-0000
1305 'FNL & 1476' FEL
NE - NE - SW - NE
SEC 3 TWP 29S RGE 23W

Other Services
CDL/CNL/PE
MEL/SONIC

Elevation
K.B. 2535
D.F. 2533
G.L. 2523

Permanent Datum GROUND LEVEL Elevation 2523
Log Measured From KELLY BUSHING 12' A.G.L
Drilling Measured From KELLY BUSHING

Date	10/25/23		
Run Number	ONE		
Depth Driller	5300		
Depth Logger	5302		
Bottom Logged Interval	5300		
Top Log Interval	00		
Casing Driller	8.625@650		
Casing Logger	646		
Bit Size	7.785		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 9,600 PPM	
Density / Viscosity	9.3/57		
pH / Fluid Loss	9.0/12.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.500@78F		
Rmf @ Meas. Temp	.375@78F		
Rmc @ Meas. Temp	.600@78F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.305@128F		
Time Circulation Stopped	3 HOURS		
Time Logger on Bottom	7:30 P.M.		
Maximum Recorded Temperature	128F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS	JEREMY PASEK	
Witnessed By	MACKLIN ARMSTRONG		

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

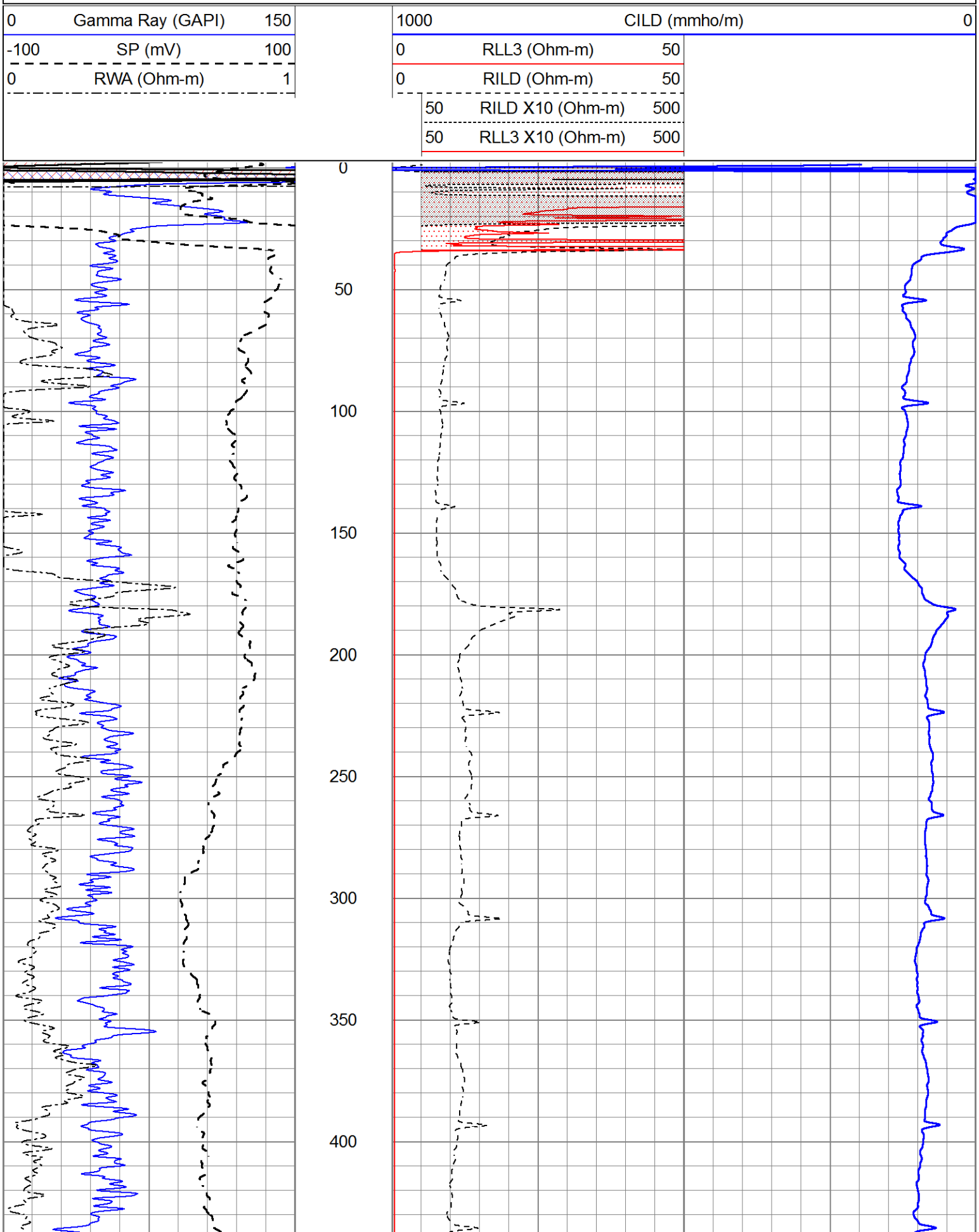
Comments

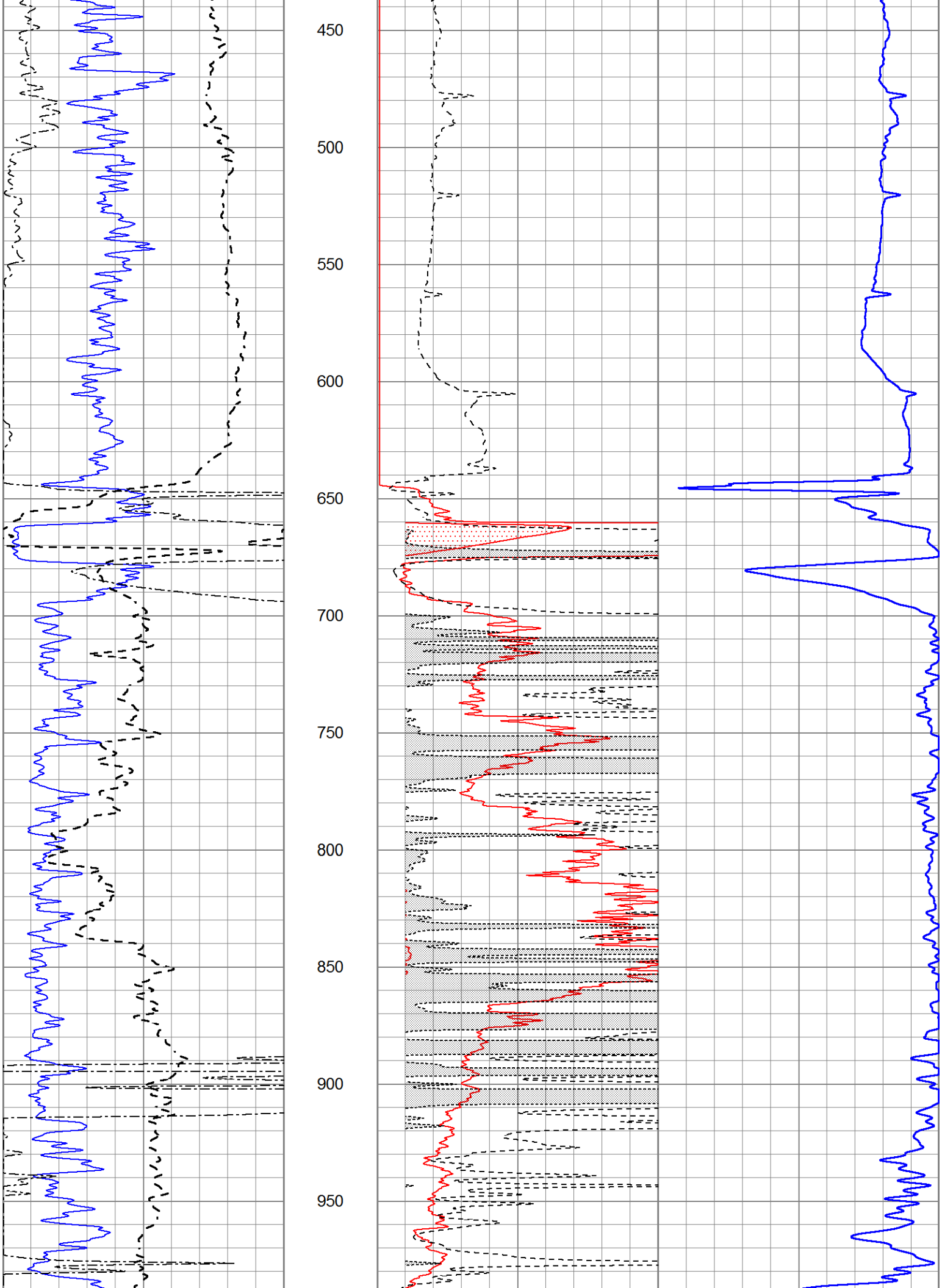
15-057-21097-0000

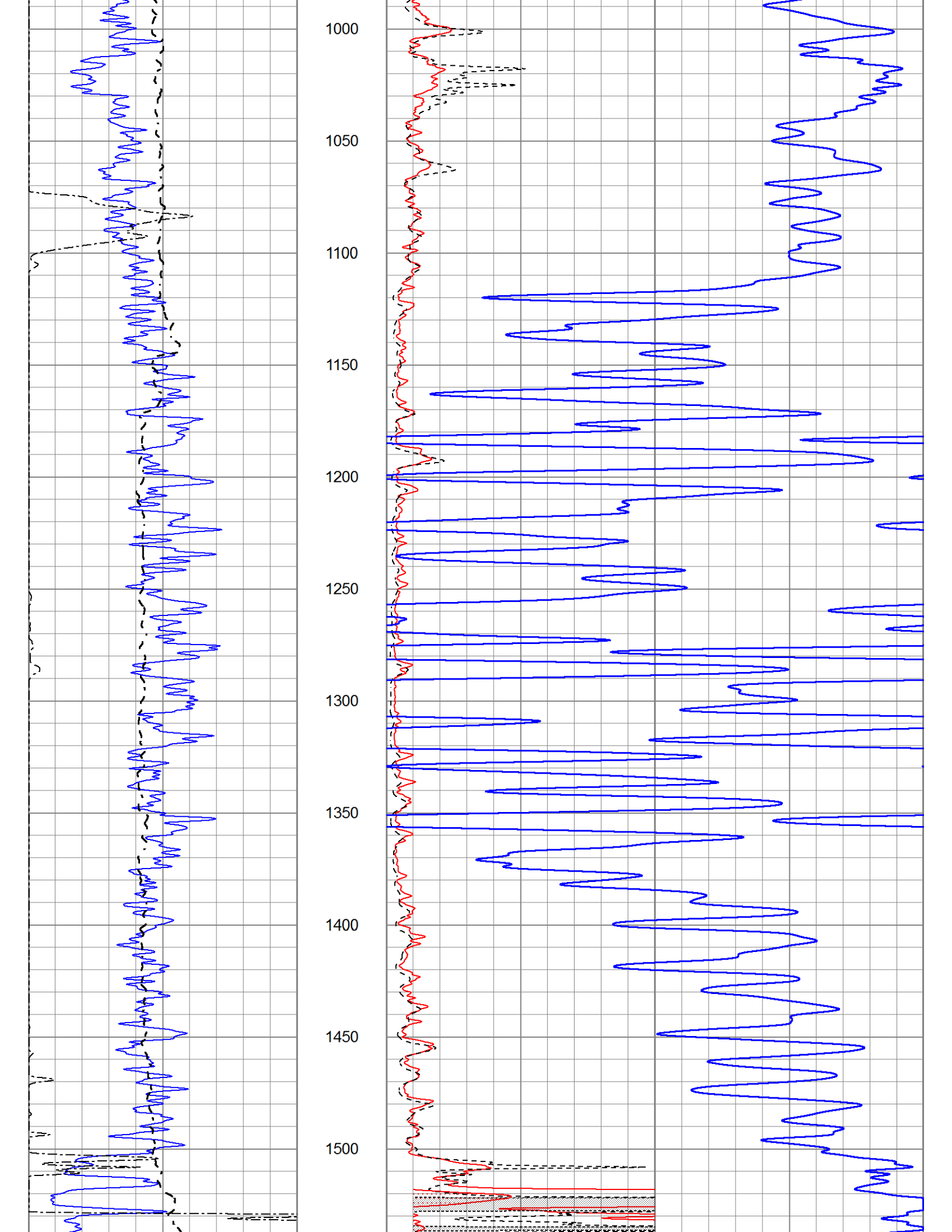
THANK YOU FOR USING ELI WIRELINE HAYS. KANSAS (785) 628-6395
DIRECTIONS
KINGSDOWN, KS. 2N ON "RD 125" TO WILBURN RD, 3 1/2 W S INTO AT THE BOTTOM OF THE HILL

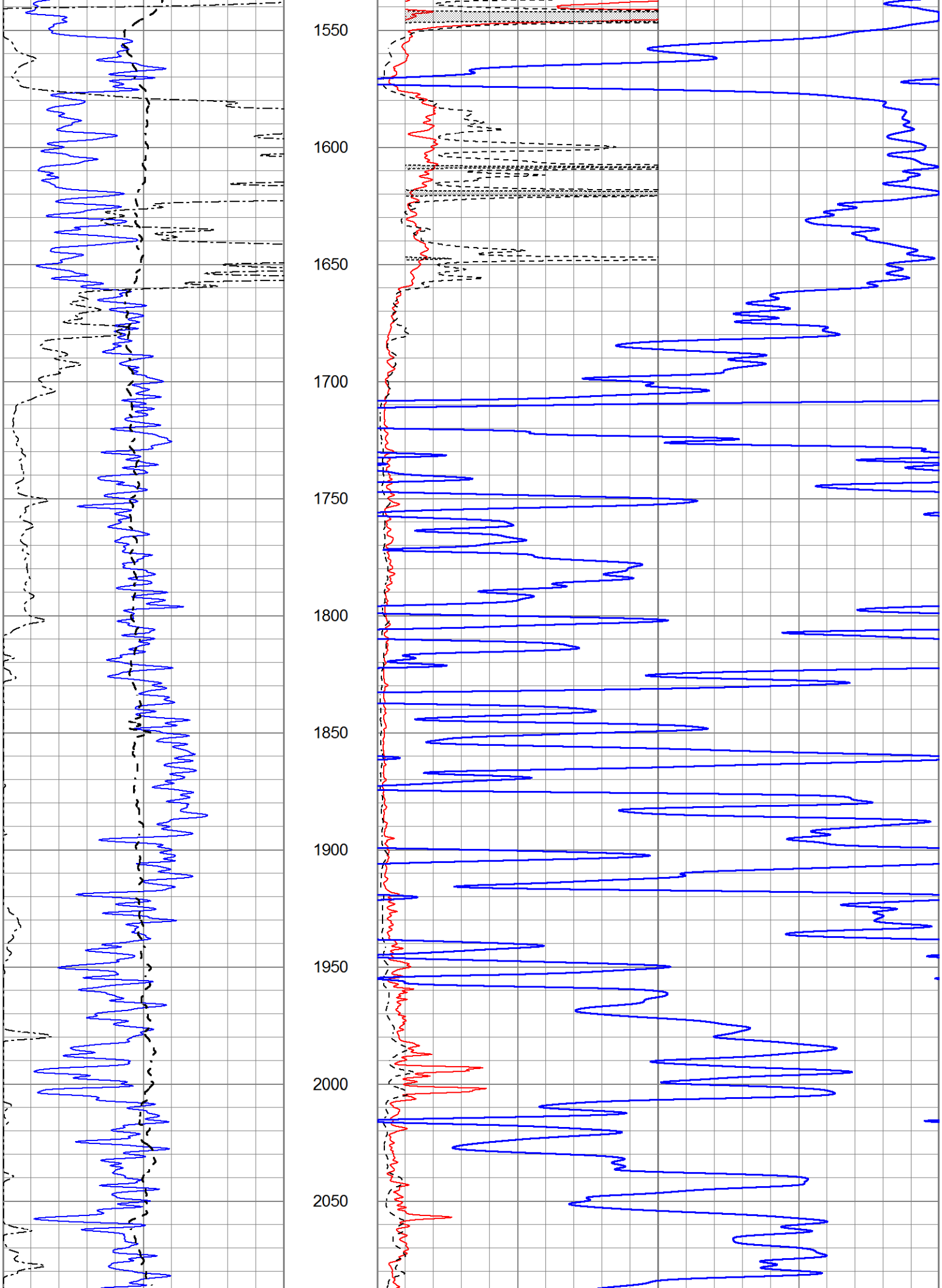
MAIN SECTION

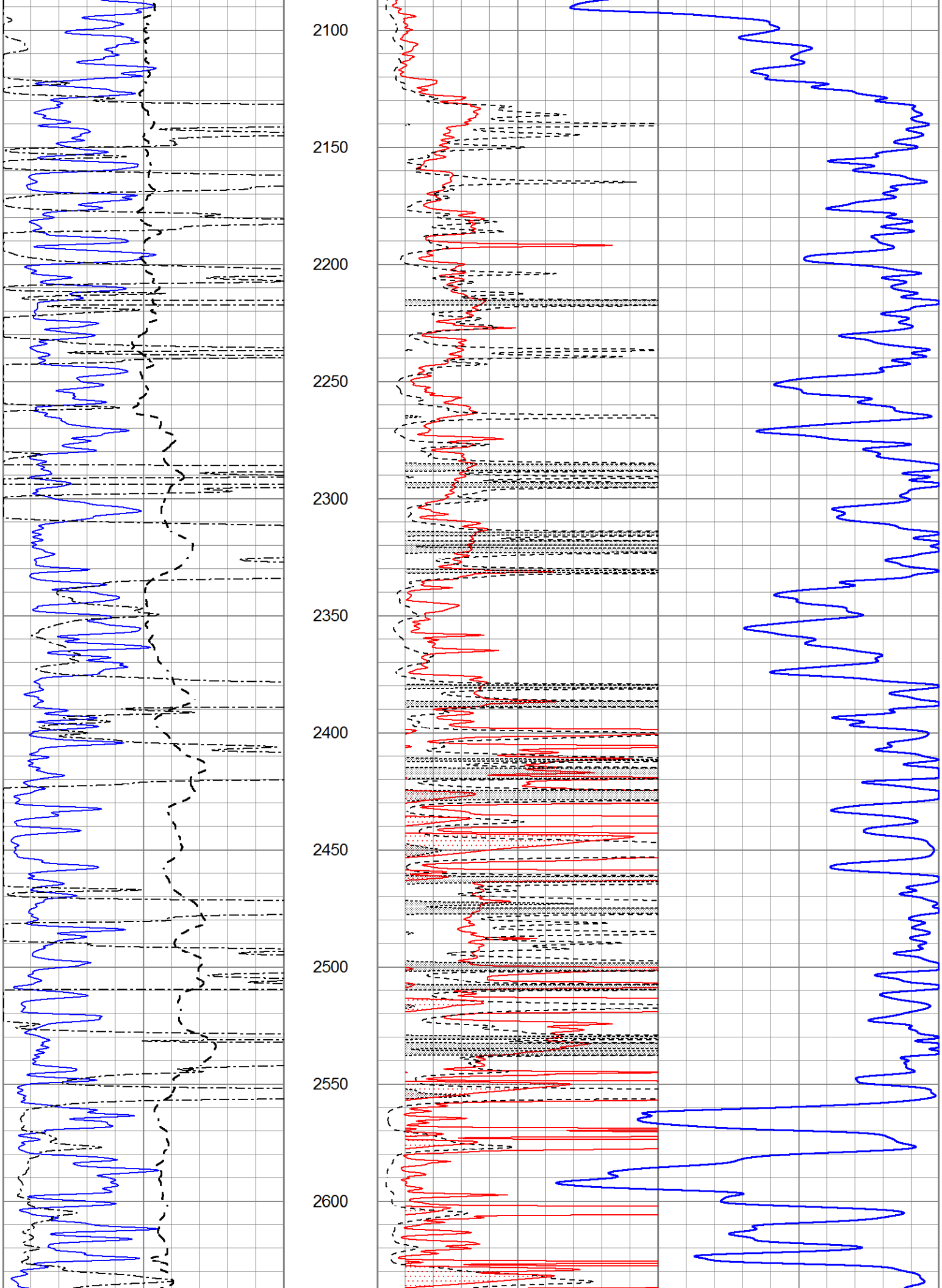
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Dataset Pathname	pass4.1M
Presentation Format	_dil2
Dataset Creation	Wed Oct 25 21:44:11 2023
Charted by	Depth in Feet scaled 1:600

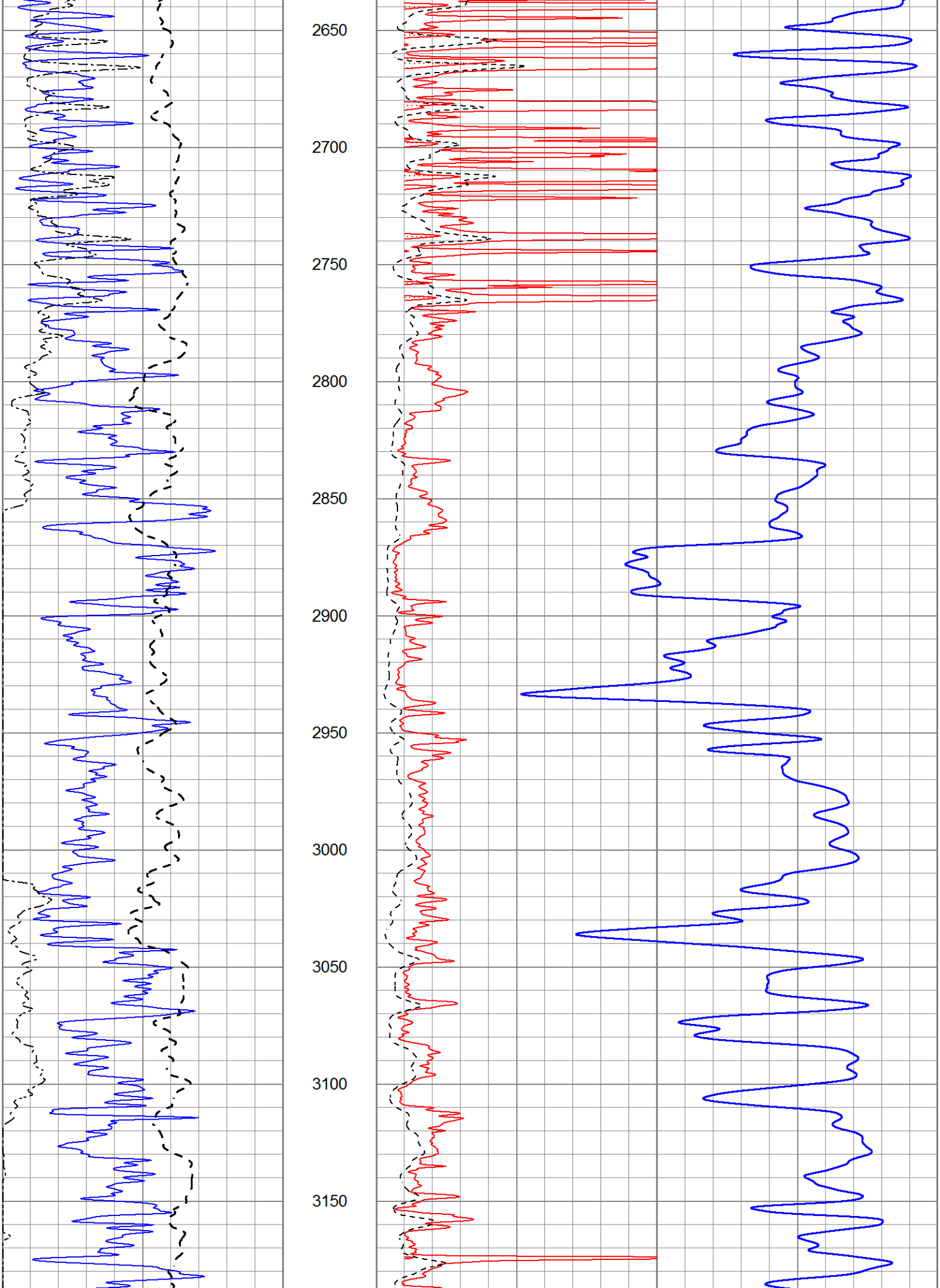


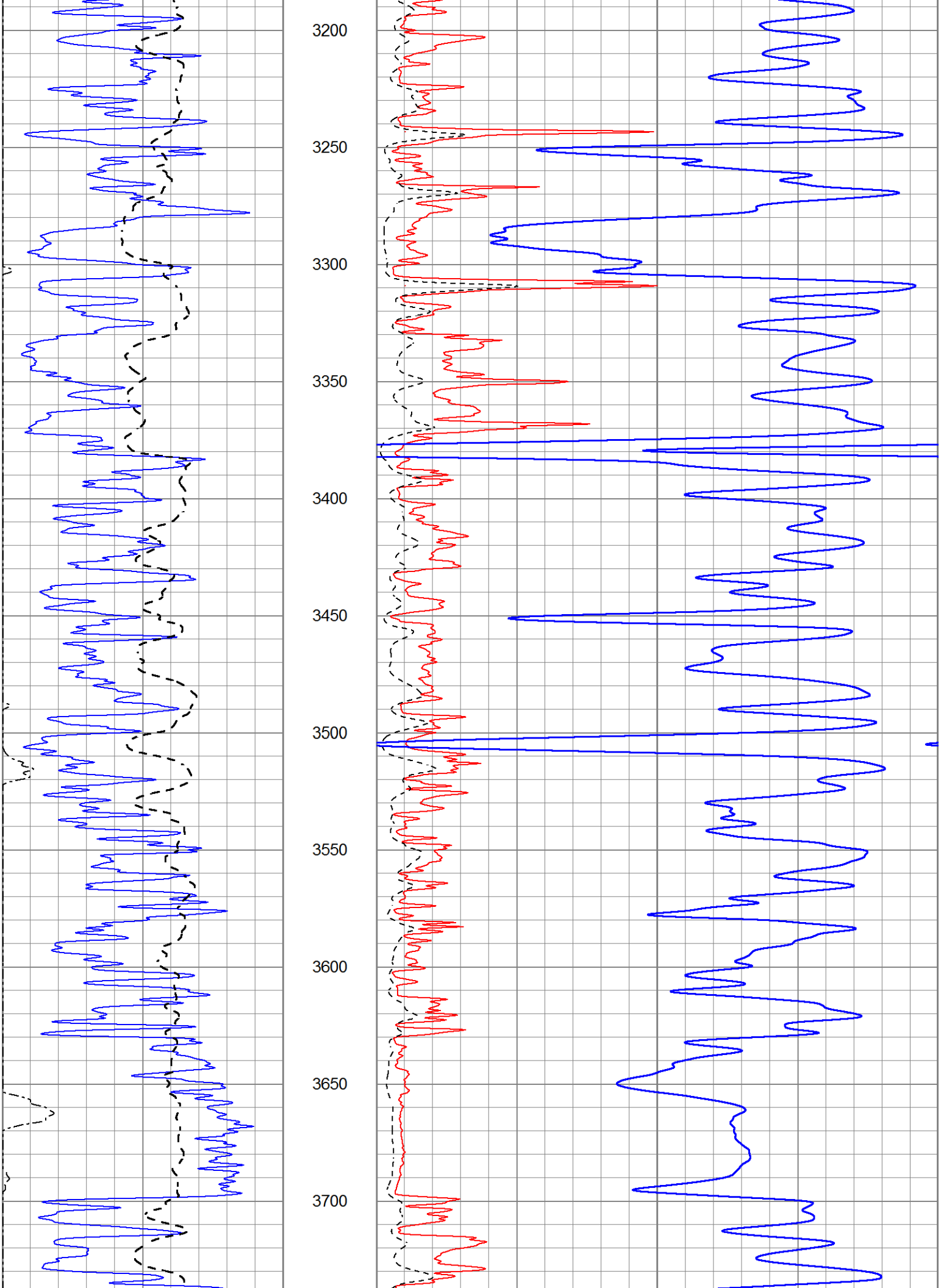

450
500
550
600
650
700
750
800
850
900
950

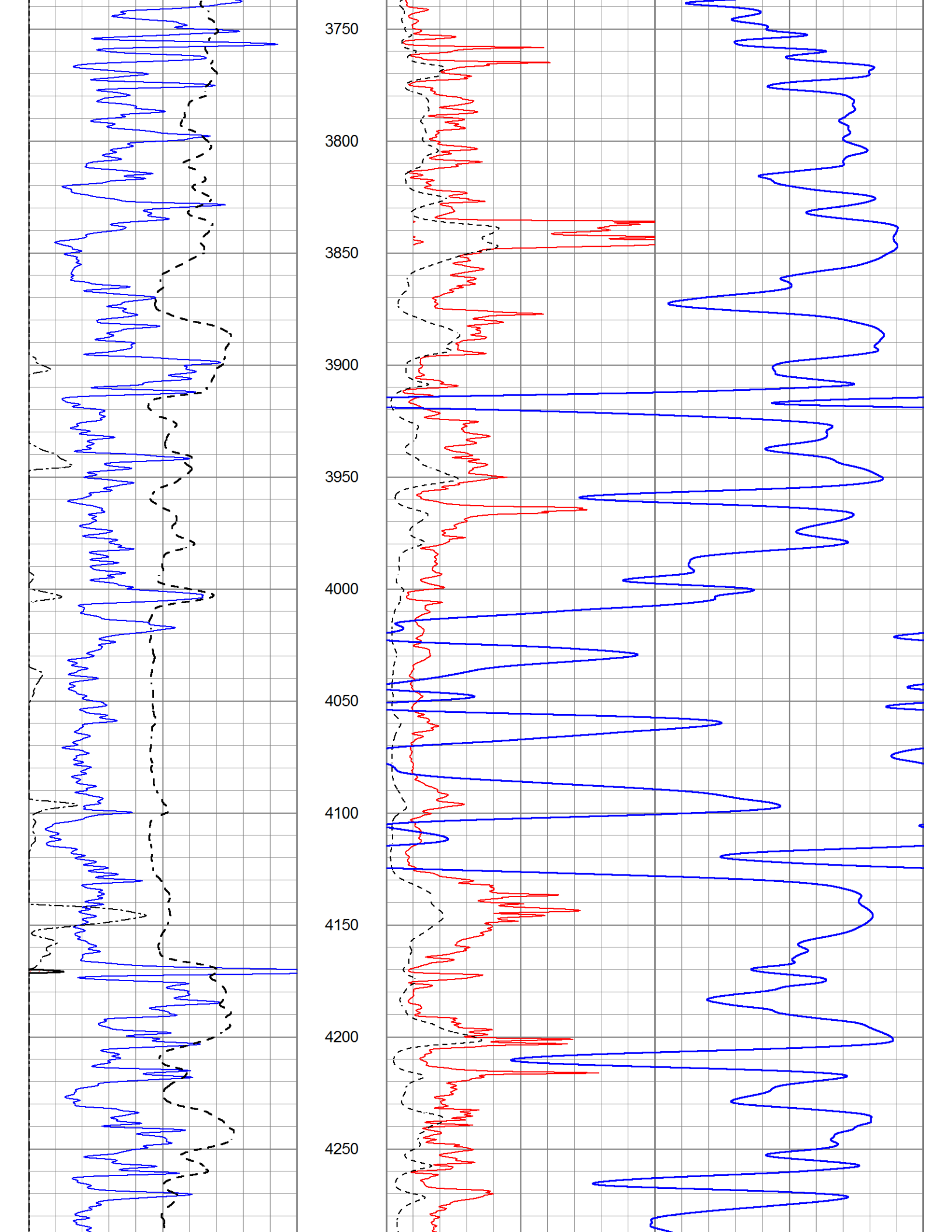

1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
1500

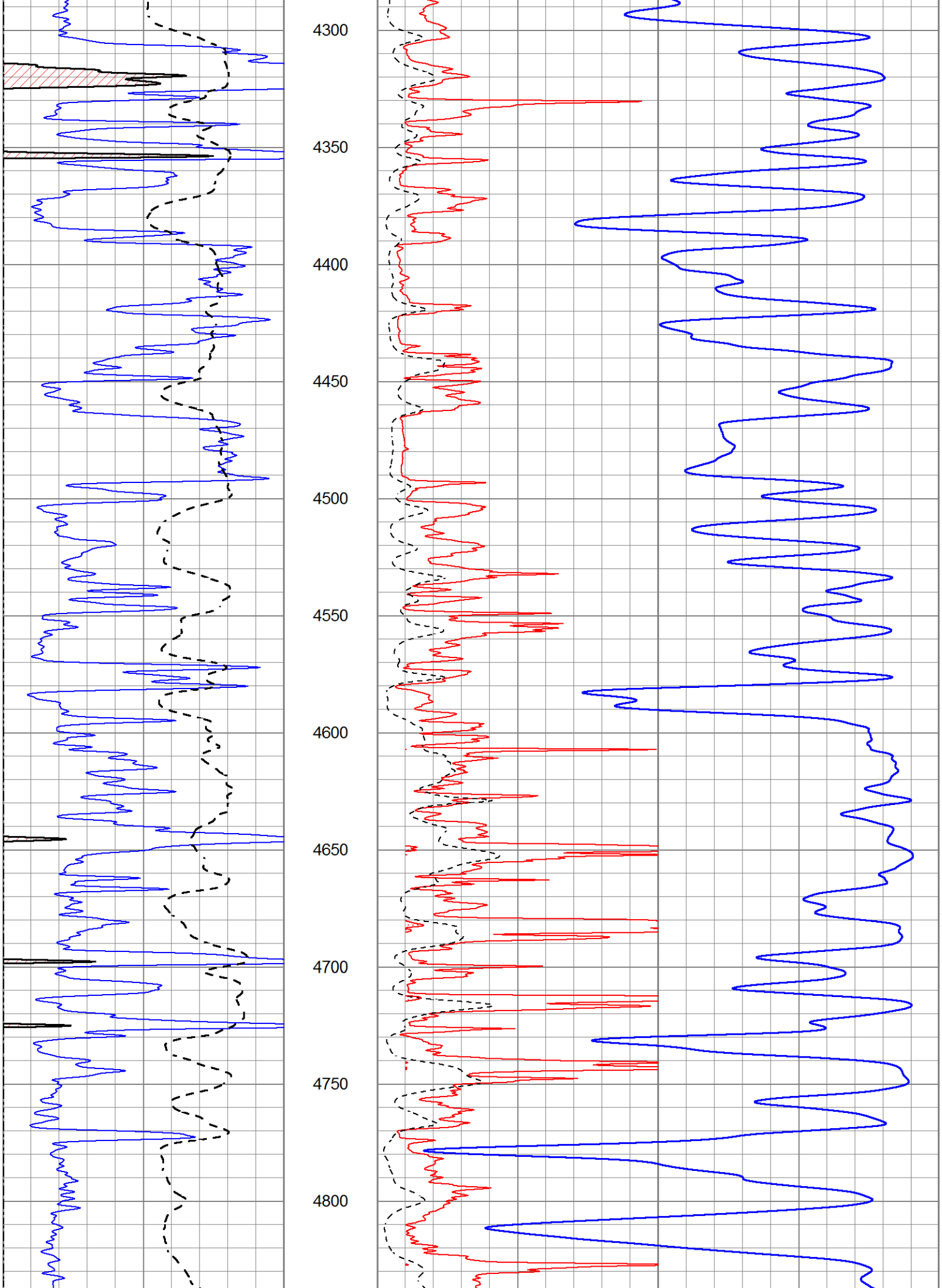

1550
1600
1650
1700
1750
1800
1850
1900
1950
2000
2050

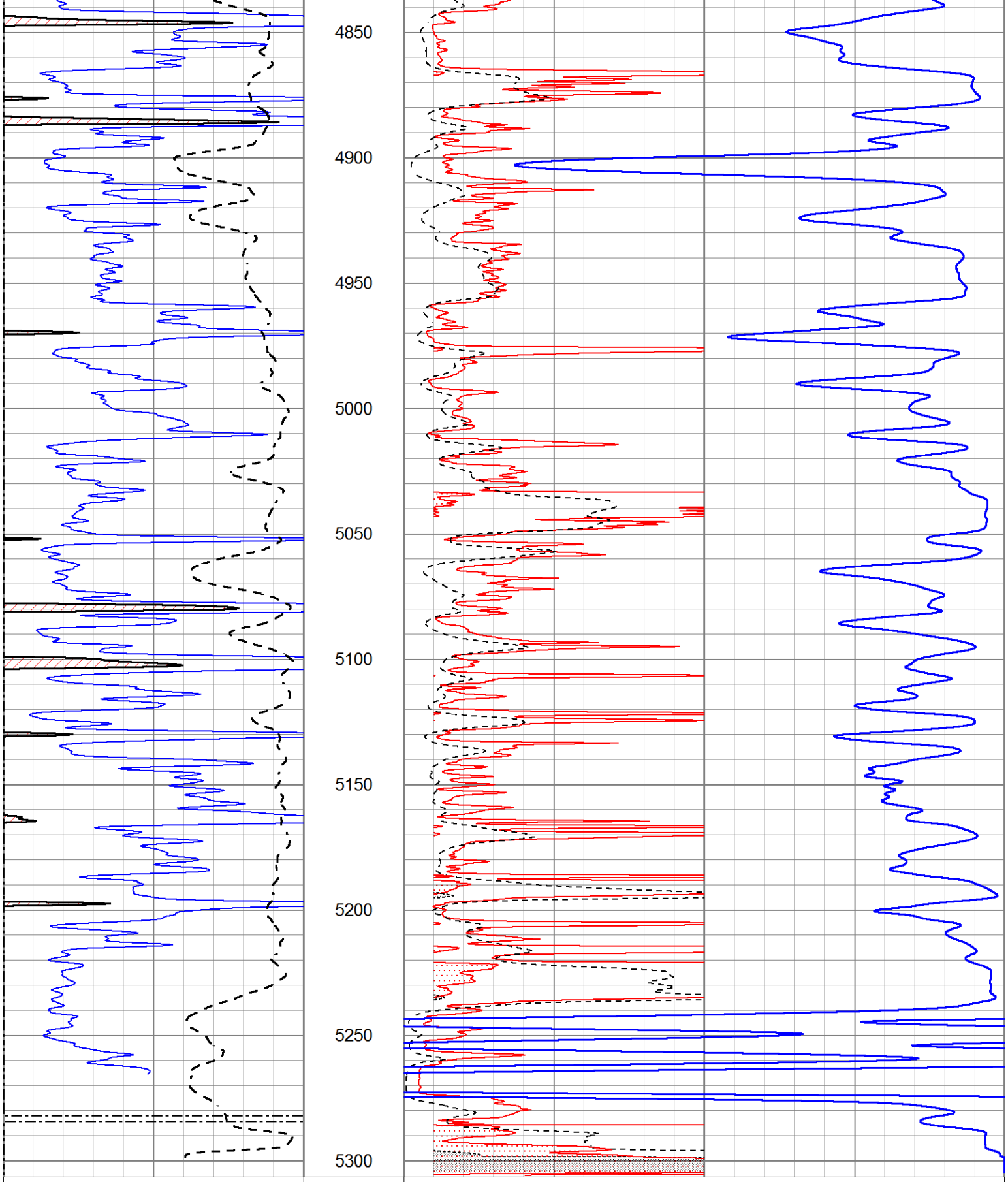

2100
2150
2200
2250
2300
2350
2400
2450
2500
2550
2600


2650
2700
2750
2800
2850
2900
2950
3000
3050
3100
3150


3200
3250
3300
3350
3400
3450
3500
3550
3600
3650
3700


3750
3800
3850
3900
3950
4000
4050
4100
4150
4200
4250


4300
4350
4400
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4550
4600
4650
4700
4750
4800

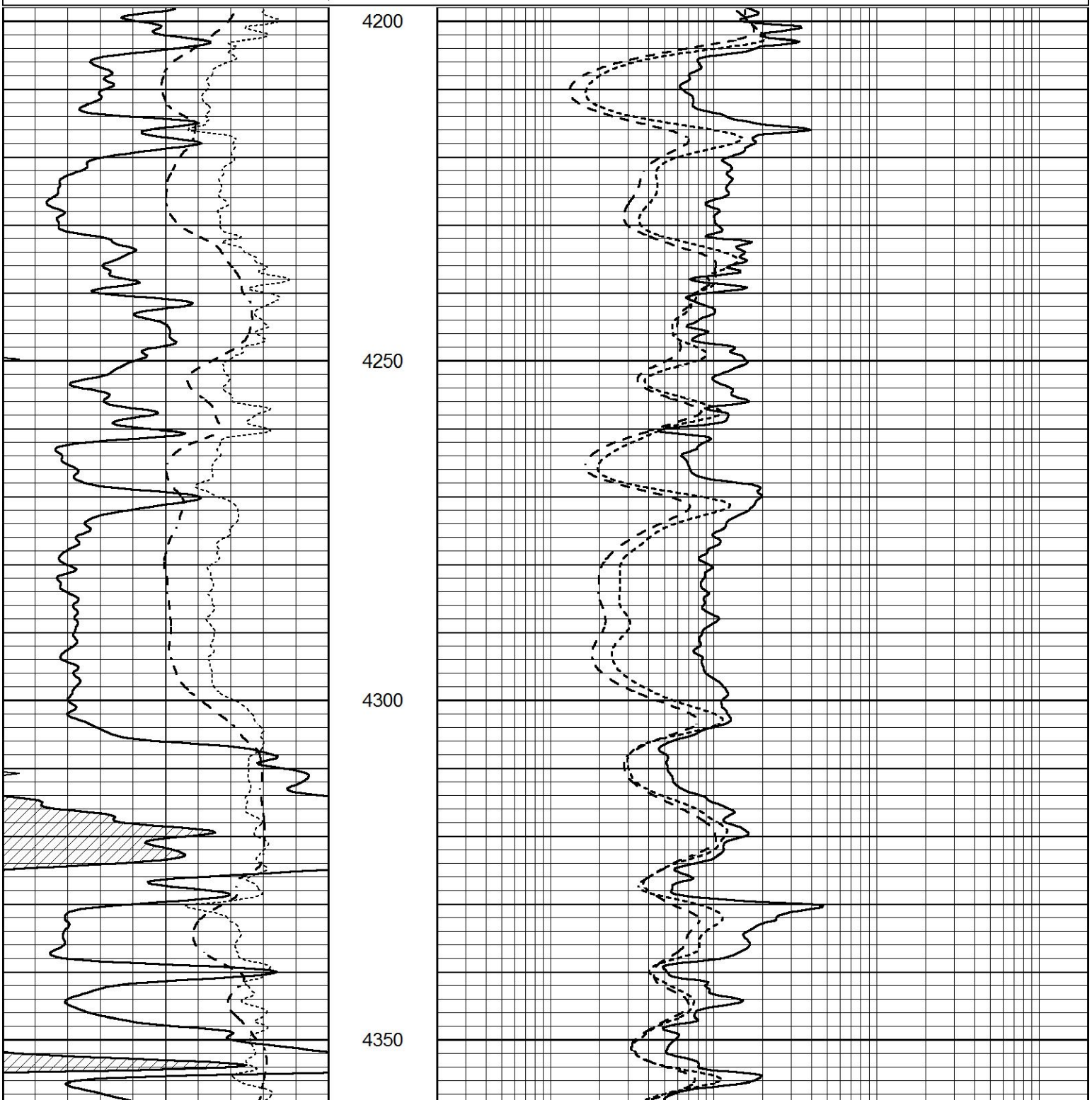

4850
4900
4950
5000
5050
5100
5150
5200
5250
5300
0 Gamma Ray (GAPI) 150
-100 SP (mV) 100
0 RWA (Ohm-m) 1
1000 CILD (mmho/m) 0
0 RLL3 (Ohm-m) 50
0 RILD (Ohm-m) 50
50 RILD X10 (Ohm-m) 500
50 RLL3 X10 (Ohm-m) 500

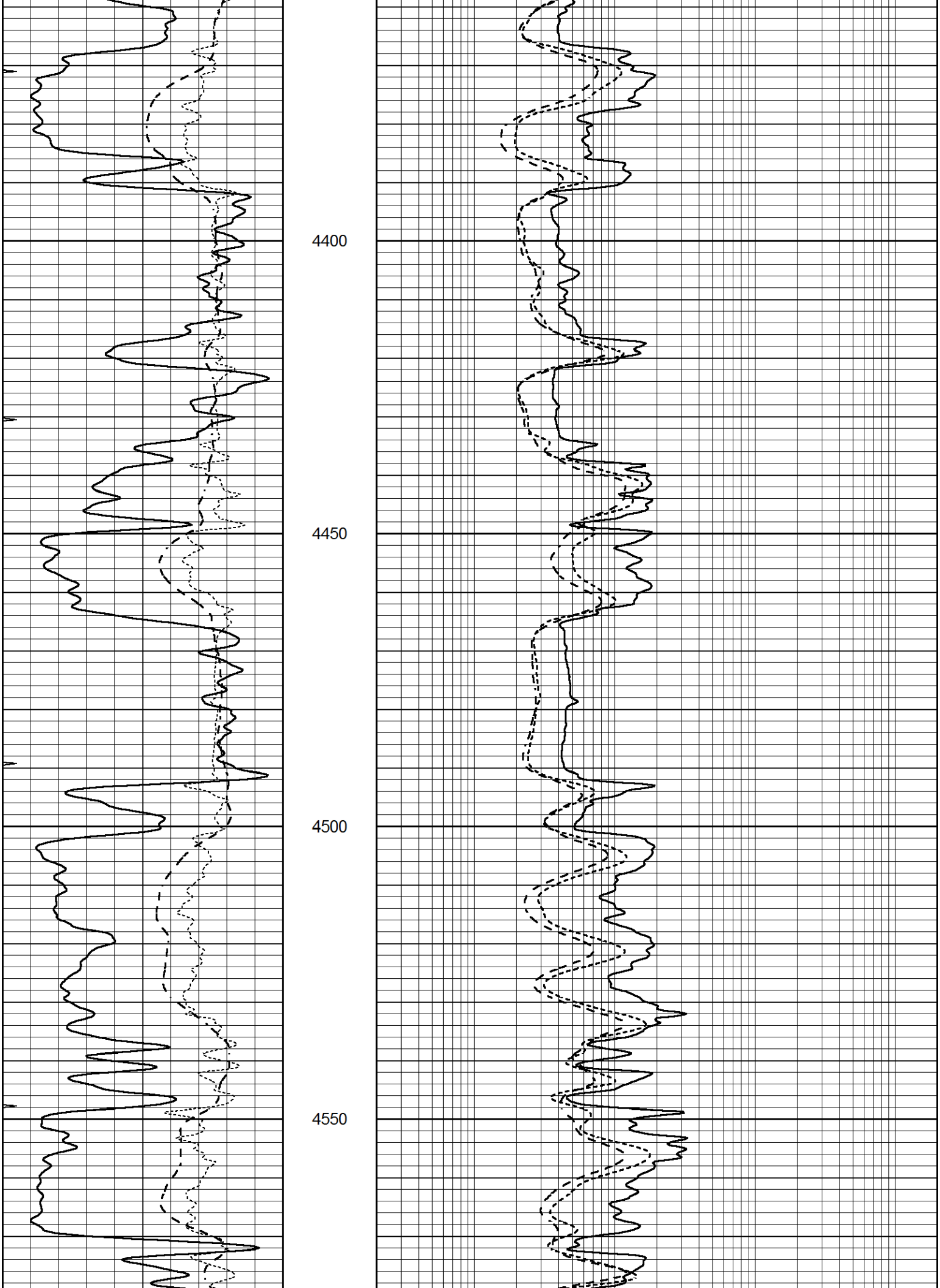
MAIN SECTION

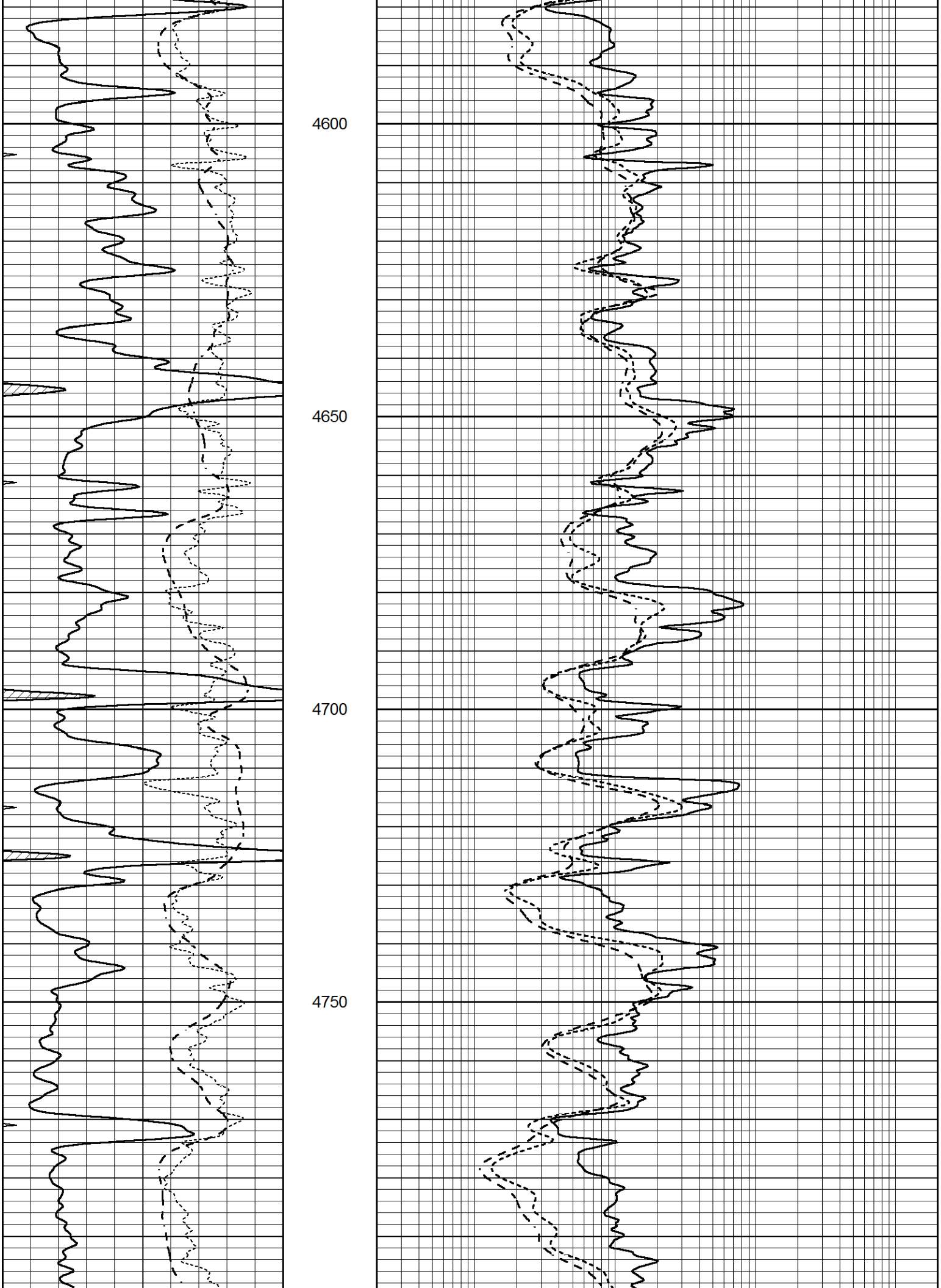
Database File	8330pe.db
Dataset Pathname	pass4.1M
Presentation Format	_dil
Dataset Creation	Wed Oct 25 21:44:11 2023
Charted by	Depth in Feet scaled 1:240

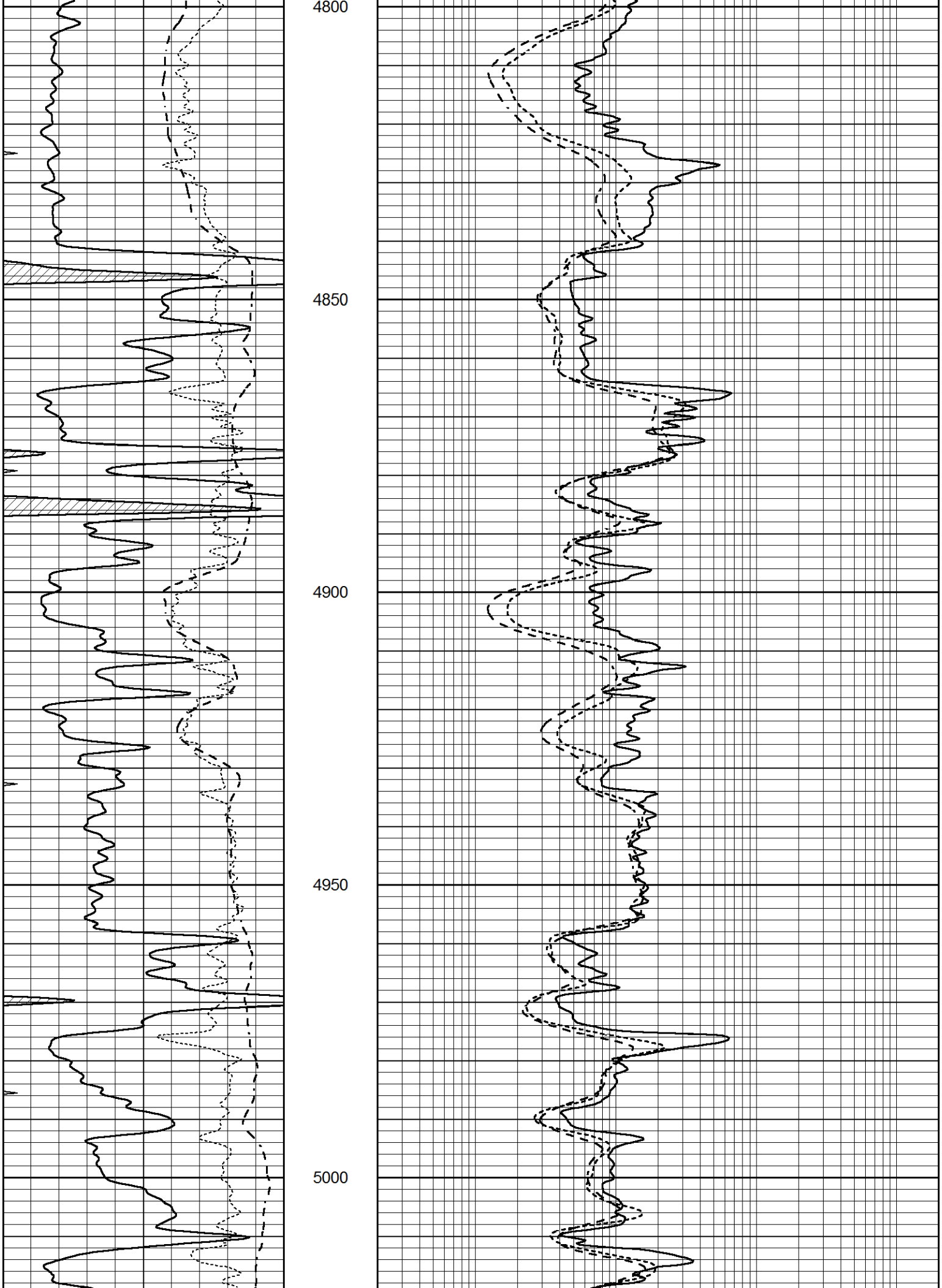
0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	20

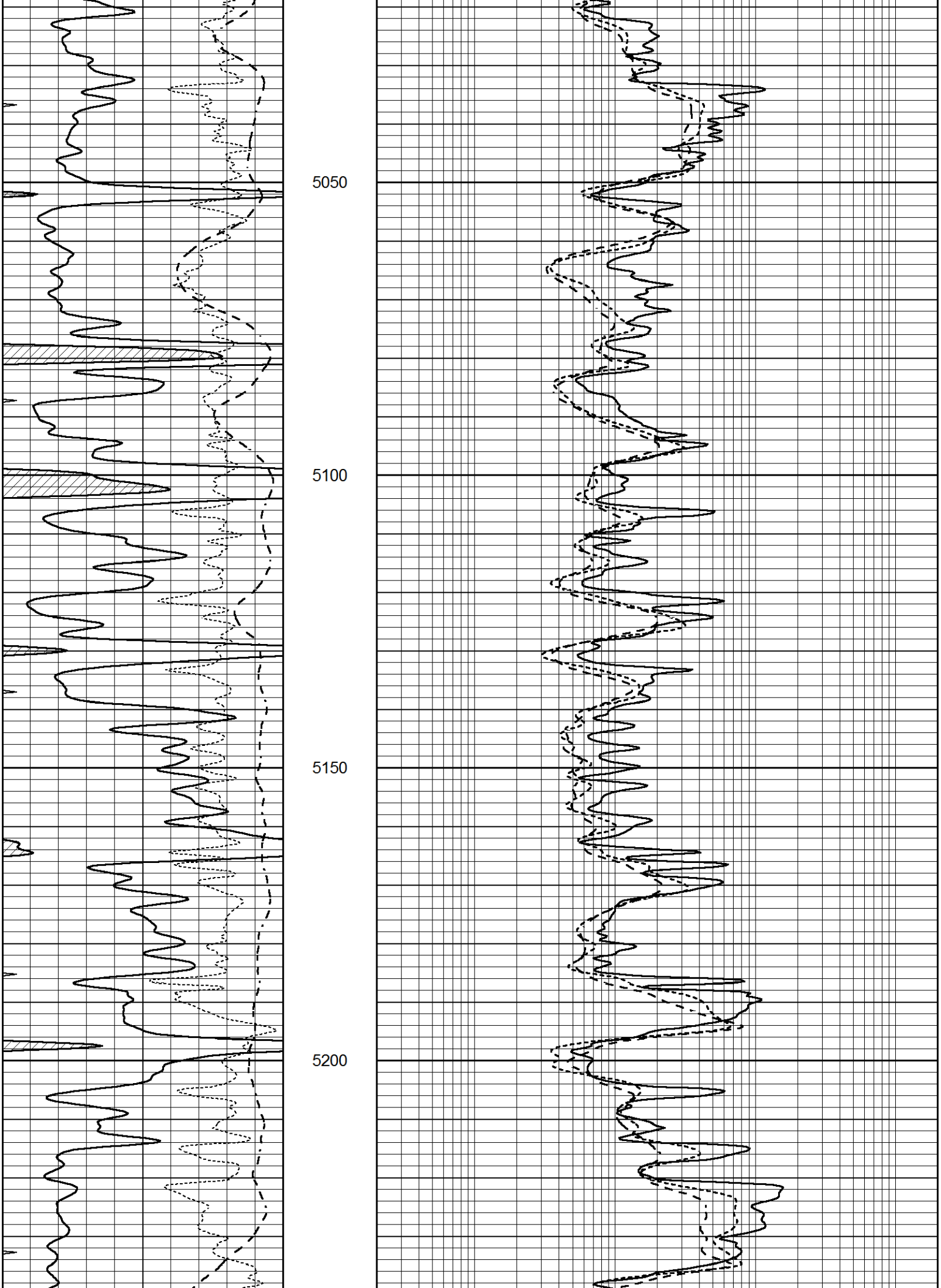
0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000

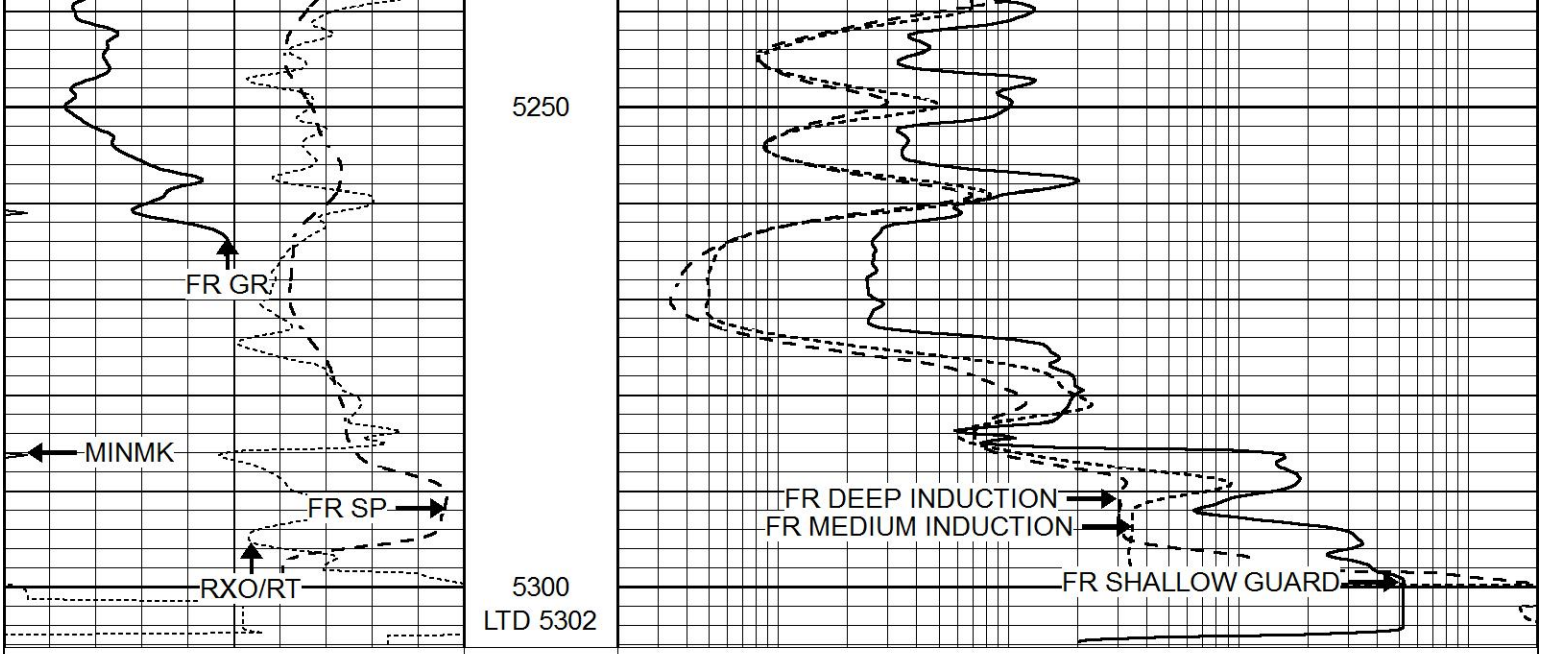



4400
4450
4500
4550


4600
4650
4700
4750


4800
4850
4900
4950
5000


5050
5100
5150
5200



0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	20

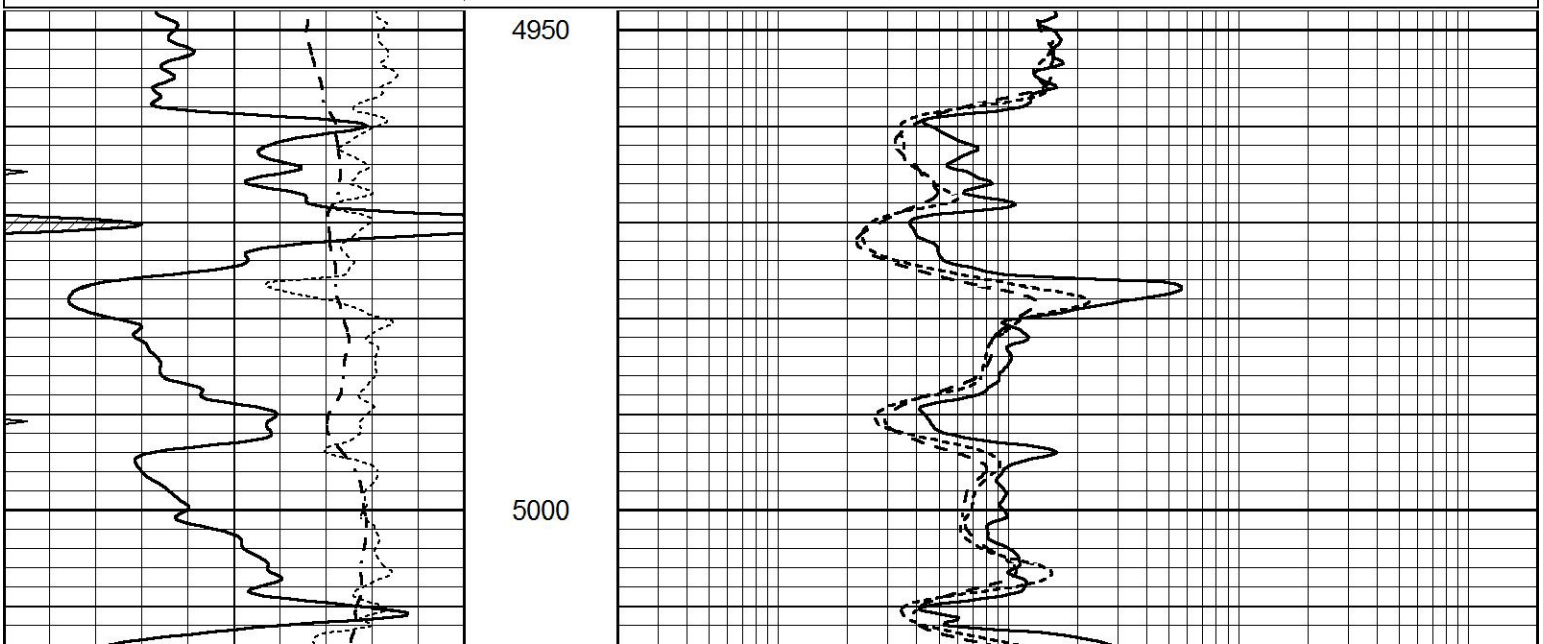
0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000

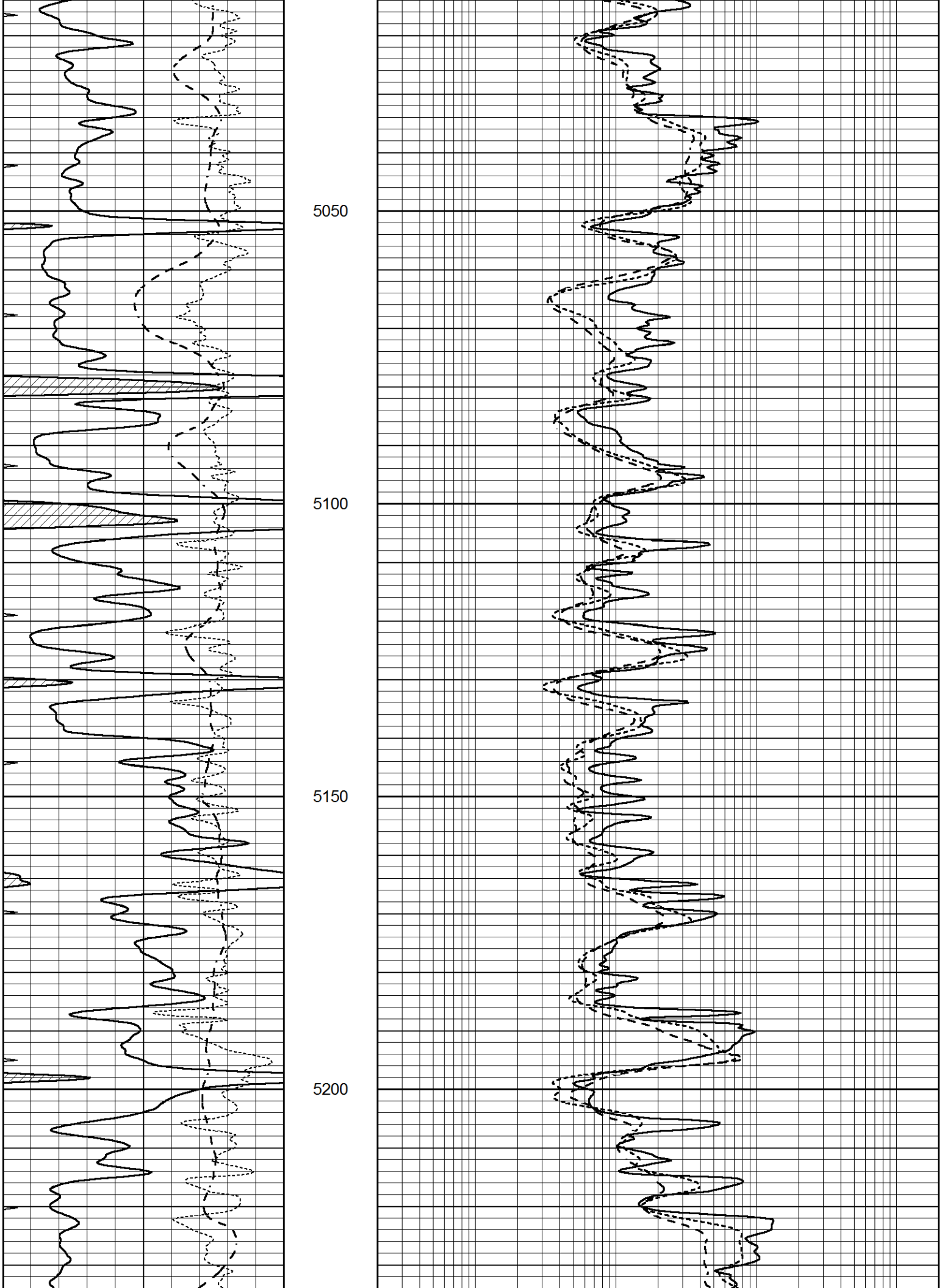
REPEAT SECTION

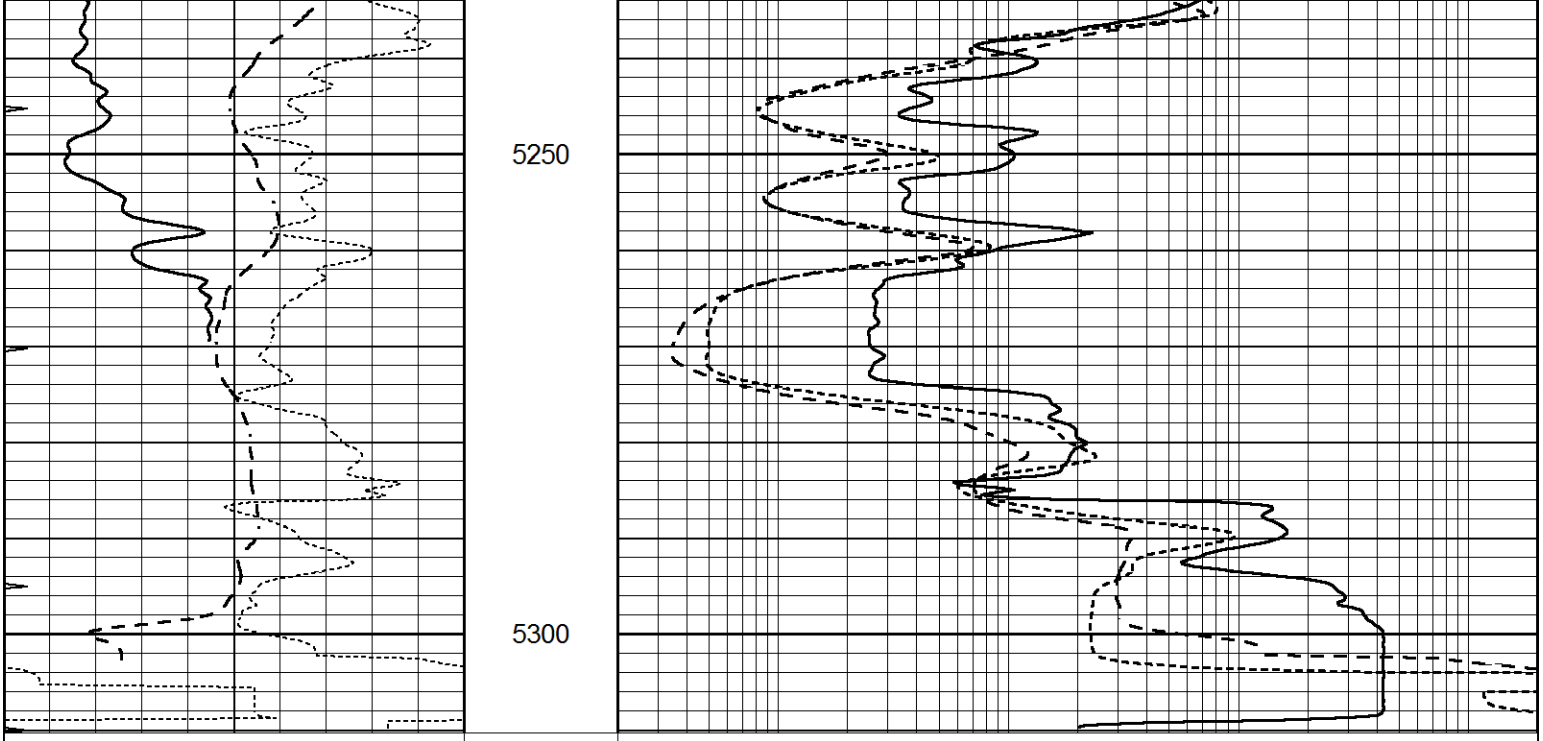
Database File	8330pe.db
Dataset Pathname	pass3.1R
Presentation Format	_dil
Dataset Creation	Wed Oct 25 21:31:11 2023
Charted by	Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	20

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




5050
5100
5150
5200



0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	20

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

Calibration Report

Database File 8330pe.db
Dataset Pathname pass4.1M
Dataset Creation Wed Oct 25 21:44:11 2023

Dual Induction Calibration Report

Serial-Model:	PROBE8-DILG
Surface Cal Performed:	Wed Oct 18 09:42:20 2023
Downhole Cal Performed:	Mon Aug 14 00:39:25 2023
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	660.000	6.000
Medium	0.029	0.796	V	0.000	464.000	mmho/m	620.000	-6.000
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		
		-7.200	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

Master Calibration — Performed Tue Aug 02 15:13:46 2022

	Background	Magnesium	Aluminum	Aluminum+Fe	
Window 1	756.0	9803.2	2626.7	2317.1	cps
Window 2	695.1	8255.1	2265.2	2043.1	cps
Window 3	550.8	3929.2	1238.3	1173.3	cps
Window 4	165.8	166.7	163.3	164.0	cps
Long Space	0.0	7560.0	1570.1	1348.0	cps
Short Space	1.7	1555.8	1144.9	997.1	cps
Rho		1.7100	2.5900	0.0000	g/cc
Pe		2.0000	2.7500	5.7900	

Rib Angle	: 49.0	Rib Slope	: 1.149	Density/Spine Ratio	: 0.550
Spine Angle	: 79.0	Spine Slope	: 5.125	Spine Intercept	: -28.7

Before Survey Verification — Performed Wed Dec 31 18:00:00 1969

Window 1	0.0	0.0	0.0	0.0	cps
Window 2	0.0	0.0	0.0	0.0	cps
Window 3	0.0	0.0	0.0	0.0	cps
Window 4	0.0	0.0	0.0	0.0	cps
Long Space	0.0	0.0	0.0	0.0	cps
Short Space	0.0	0.0	0.0	0.0	cps
Measured Rho		0.0000	0.0000	0.0000	g/cc
Measured Correction		0.0000	0.0000	0.0000	g/cc
Measured Pe			0.0000	0.0000	

After Survey Verification — Performed Wed Dec 31 18:00:00 1969

Window 1	0.0	0.0	0.0	0.0	cps
Window 2	0.0	0.0	0.0	0.0	cps
Window 3	0.0	0.0	0.0	0.0	cps
Window 4	0.0	0.0	0.0	0.0	cps
Long Space	0.0	0.0	0.0	0.0	cps
Short Space	0.0	0.0	0.0	0.0	cps
Measured Rho		0.0000	0.0000	0.0000	g/cc
Measured Correction		0.0000	0.0000	0.0000	g/cc
Measured Pe			0.0000	0.0000	

Compensated Neutron Calibration Report

Serial Number: 070808PMC
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:	070558	
Tool Model:	OPEN_GR	
Performed:	Sun Sep 17 12:49:32 2023	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.3000	GAPI/cps