DUAL INDUCTION LOG

Company PIONEER OPERATIONS, LLC.
Well FENTON #1-A
Field UNNAMED
County ROOKS State KANSAS

Location: API # : 15-163-24531-0000
330' FNL & 1650' FWL
NW - NE - NW
SEC 15 TWP 7S RGE 17W

Other Services
CDL/CNL
MEL

Permanent Datum GROUND LEVEL Elevation 1880
Log Measured From KELLY BUSHING 7' A.G.L.
Drilling Measured From KELLY BUSHING

Elevation
K.B. 1887
D.F. 1885
G.L. 1880

Date	3/16/26		
Run Number	ONE		
Depth Driller	3440		
Depth Logger	3439		
Bottom Logged Interval	3437		
Top Log Interval	00		
Casing Driller	8.625@231		
Casing Logger	231		
Bit Size	7.785		
Type Fluid in Hole	CHEMICAL MUD	CHORIDES 9,300 PPM	
Density / Viscosity	9.2/44		
pH / Fluid Loss	10.5/9.6		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.40@72F		
Rmf @ Meas. Temp	1.05@72F		
Rmc @ Meas. Temp	1.68@72F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.908@111F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	3:00 P.M.		
Maximum Recorded Temperature	111F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	SEAN DEENIHAN		

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Well FENTON #1-A
Field UNNAMED
County ROOKS
State KANSAS

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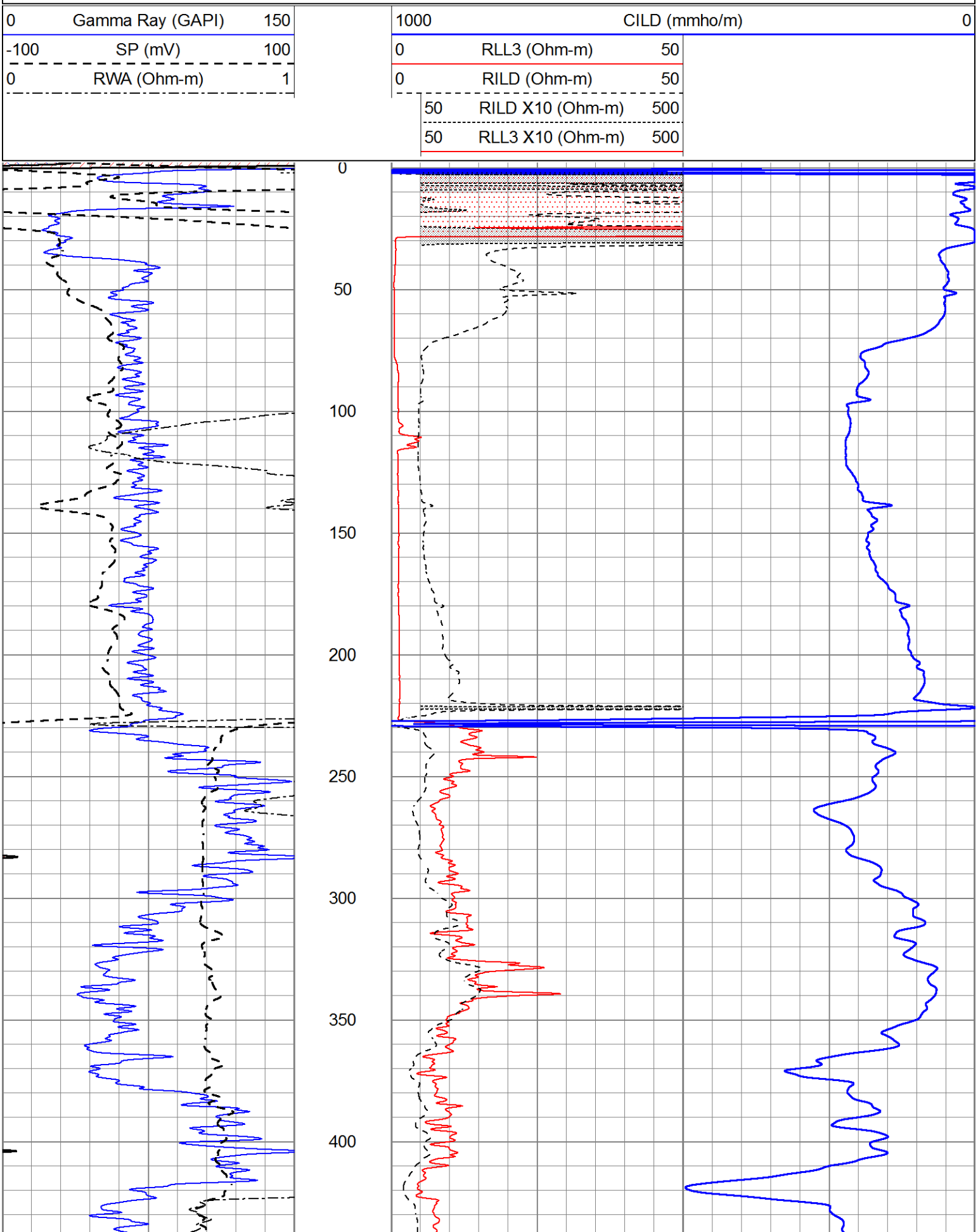
Comments

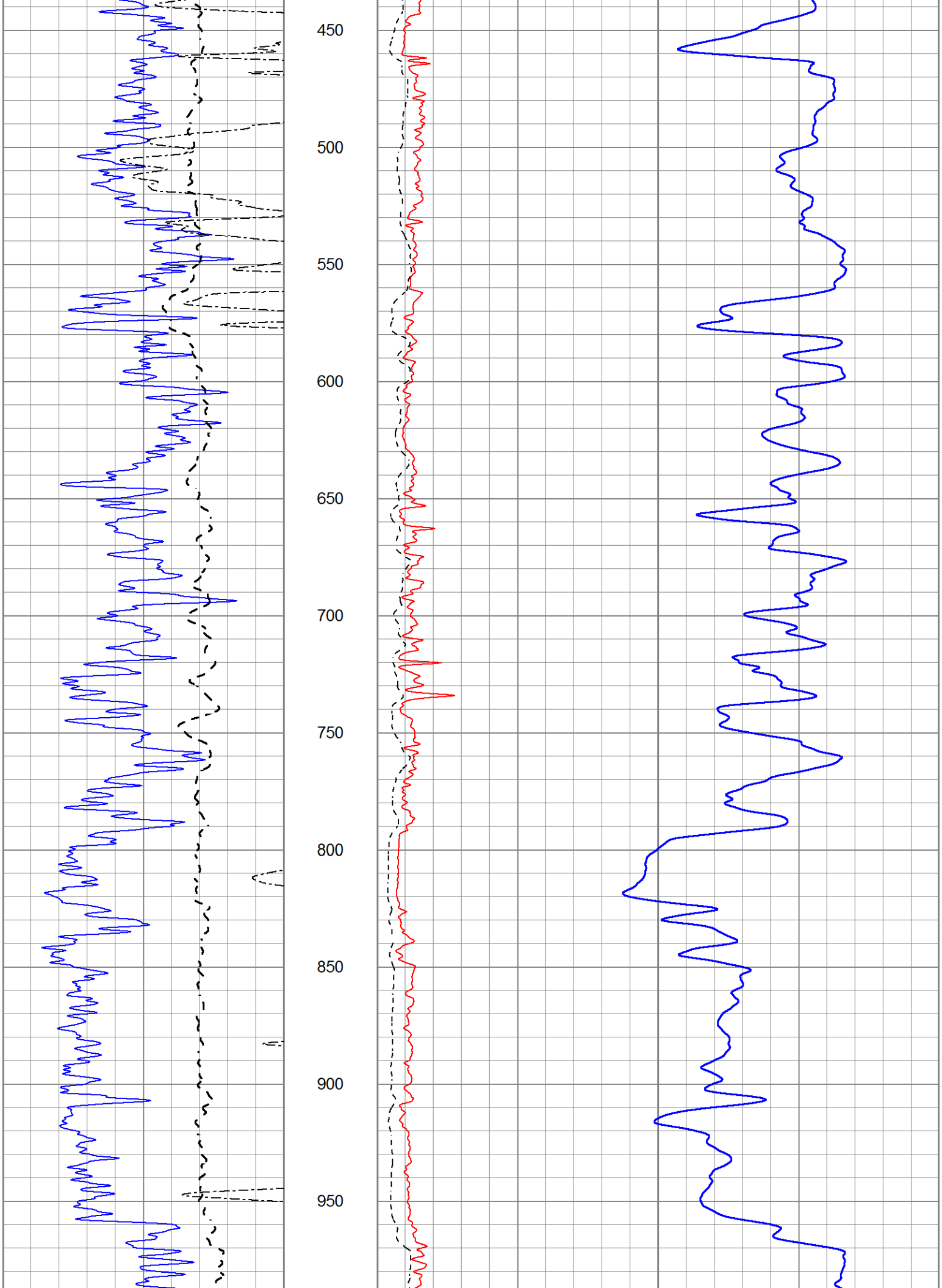
15-163-24531-0000

THANK YOU FOR USING ELI WIRELINE HAYS. KANSAS (785) 628-6395
DIRECTIONS
STOCKTON, KS., 3.8 E. ON HWY 24, 1/2 N. INTO

MAIN SECTION

Database File	9521ddn.db
Dataset Pathname	pass3.1M
Presentation Format	_dil2
Dataset Creation	Mon Mar 16 16:58:36 2026
Charted by	Depth in Feet scaled 1:600

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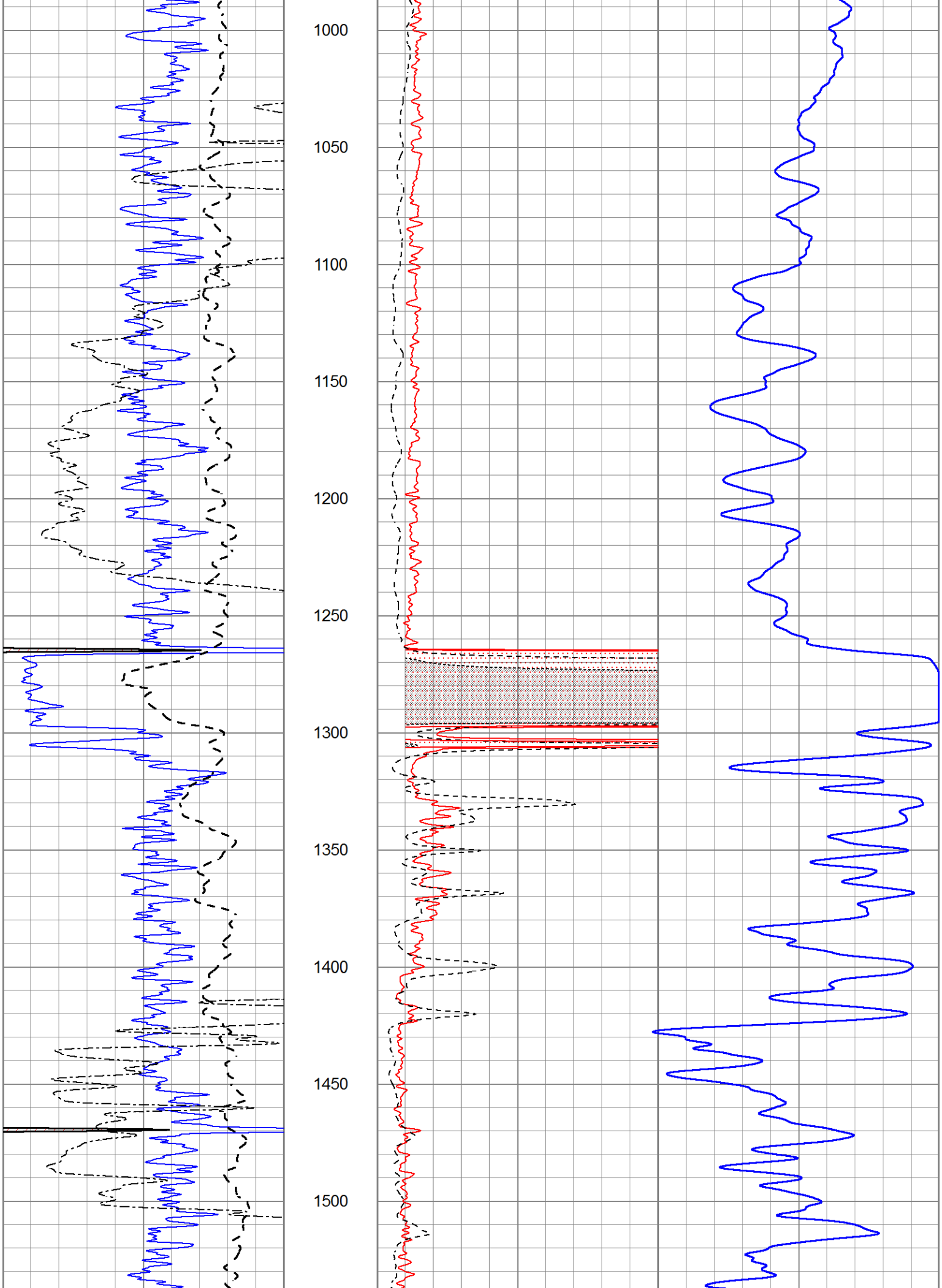
950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1200
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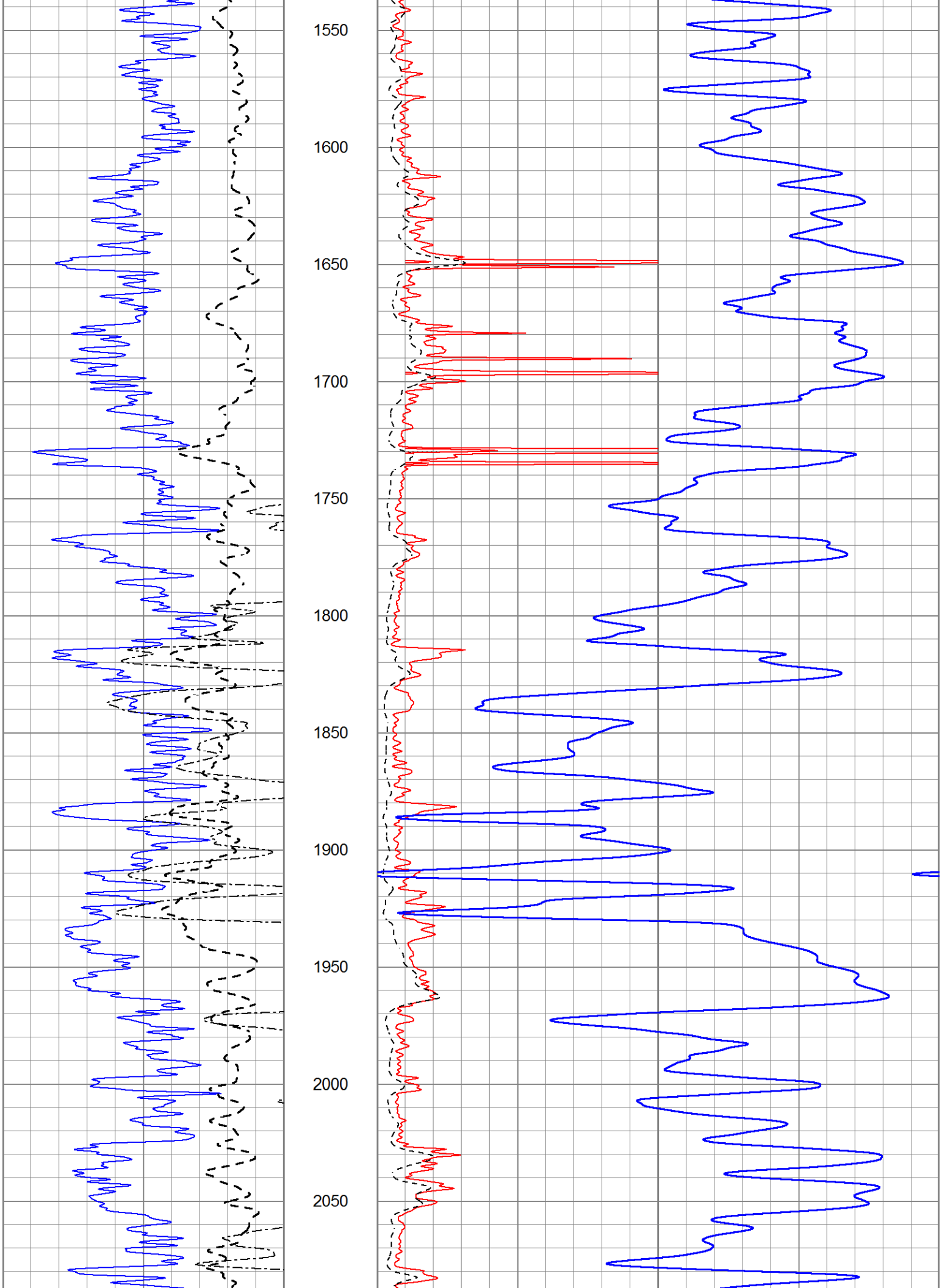
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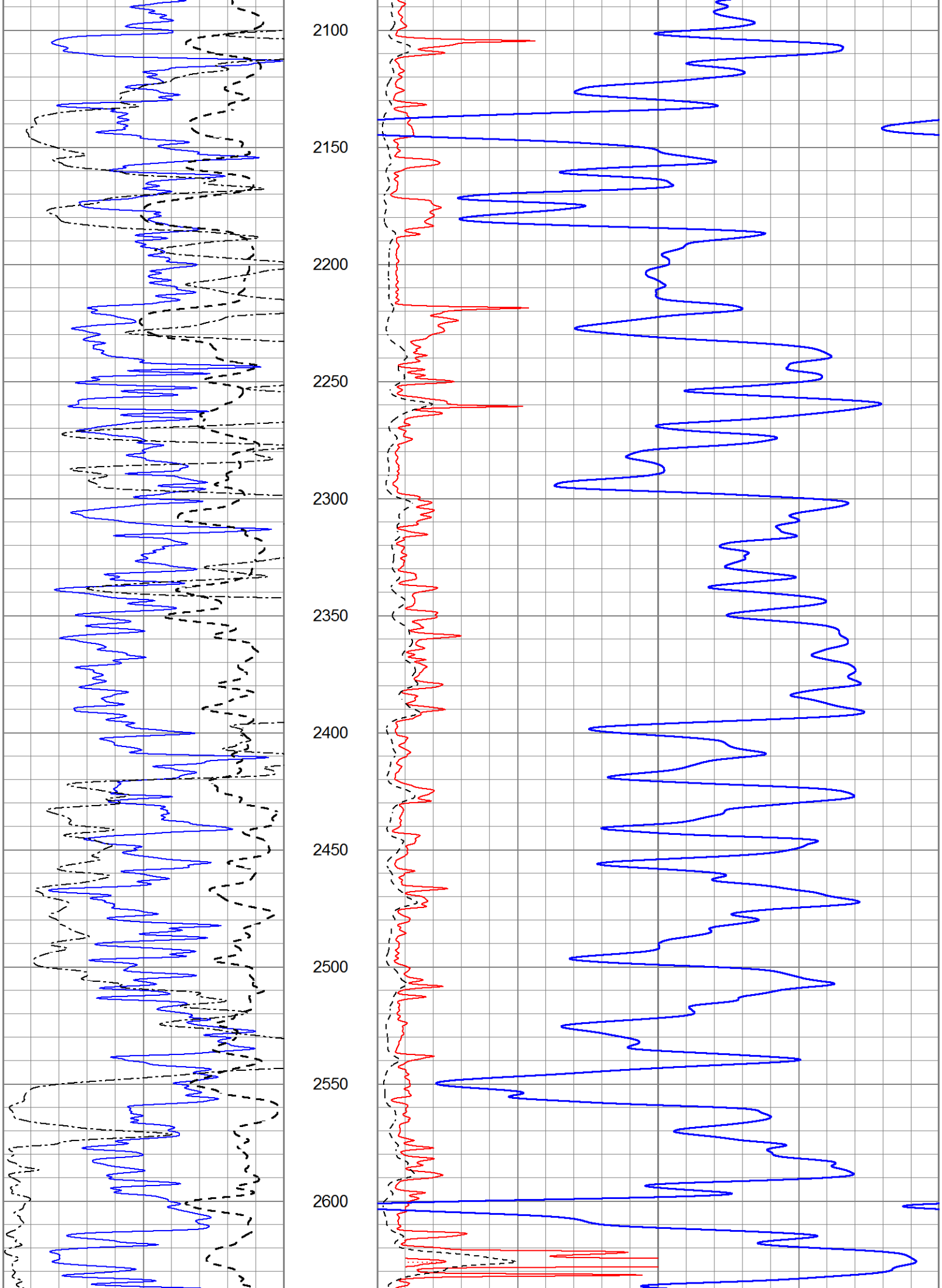
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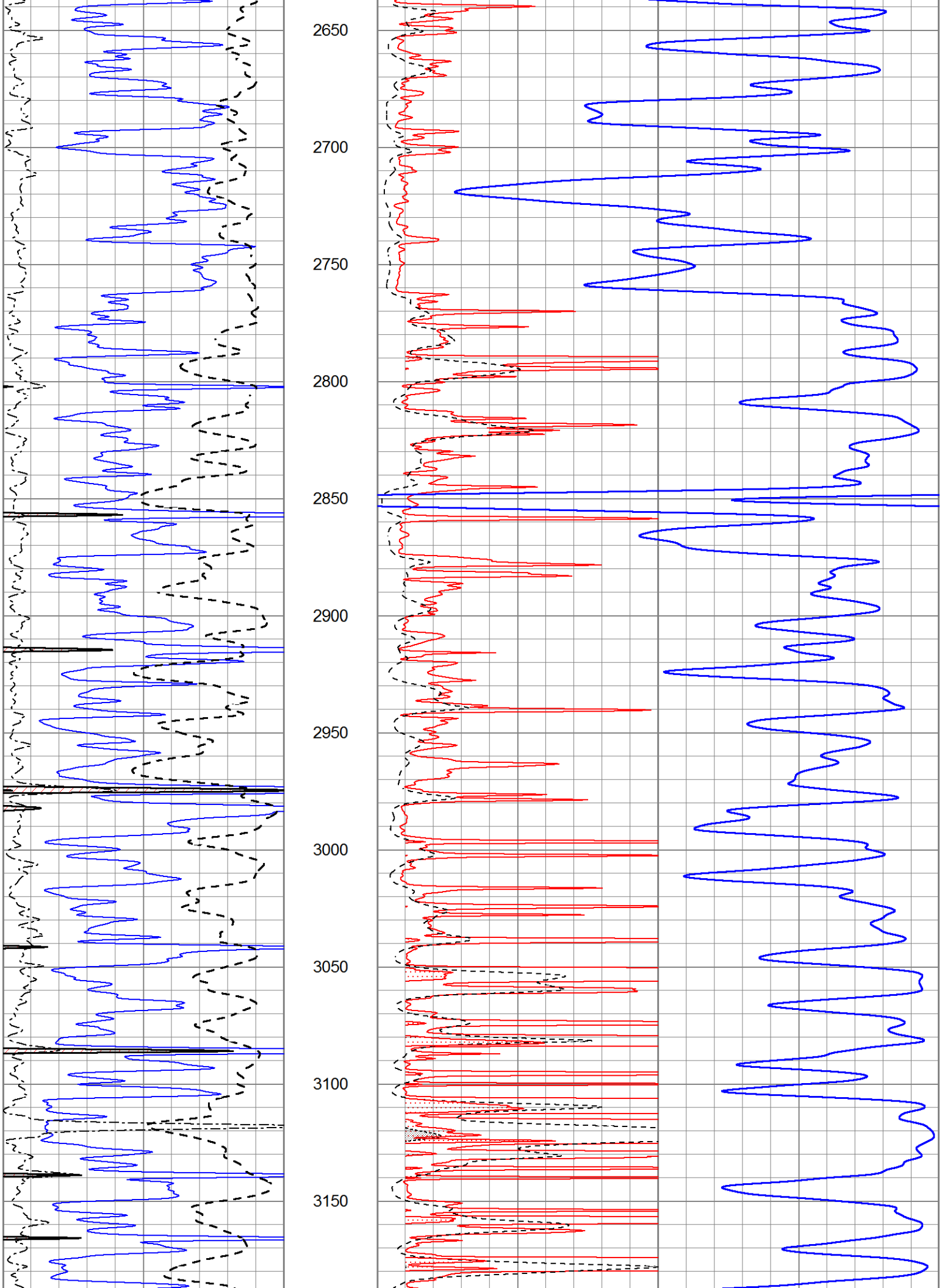
2600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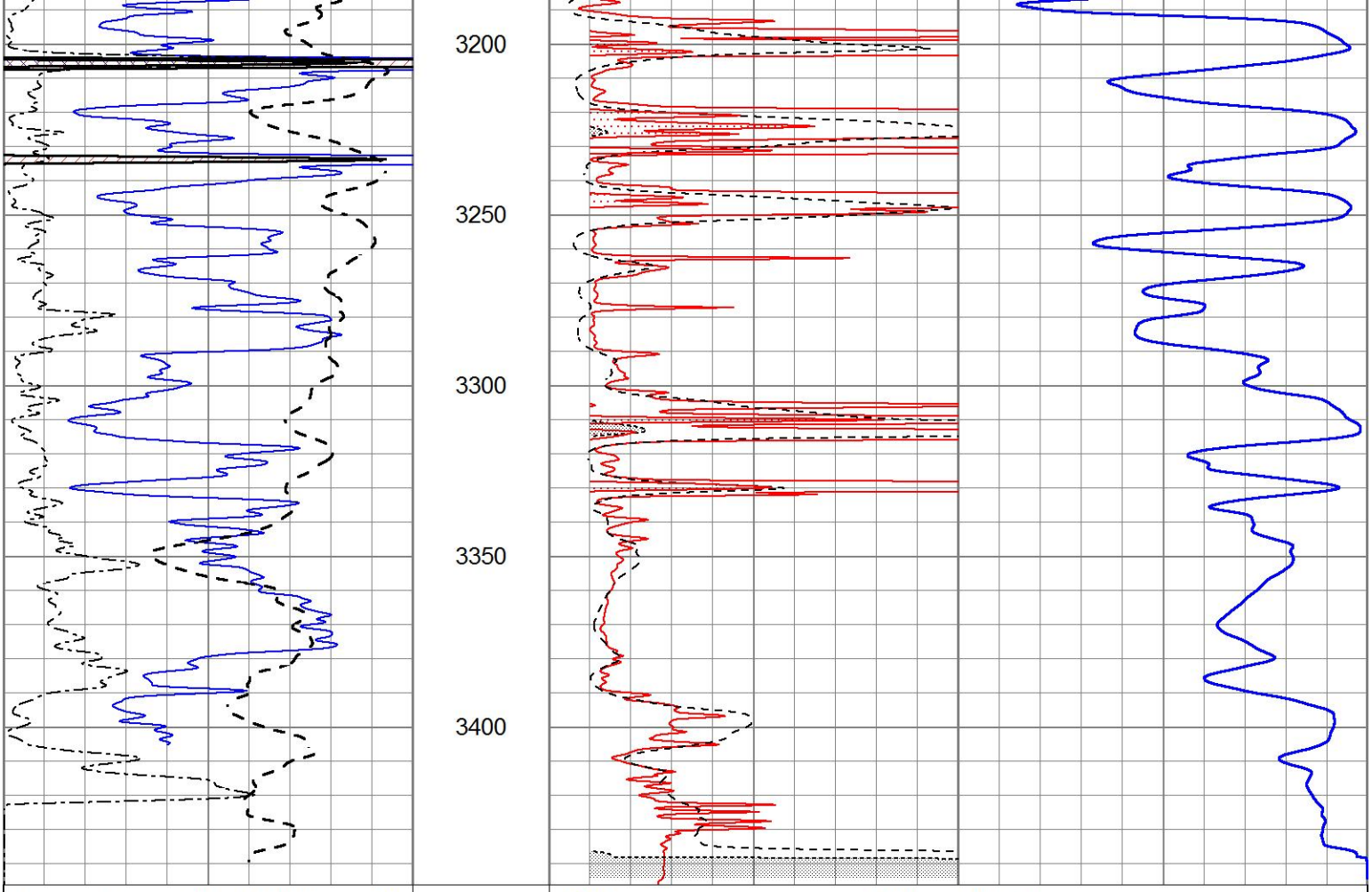
3150



0	Gamma Ray (GAPI)	150
-100	SP (mV)	100
0	RWA (Ohm-m)	1

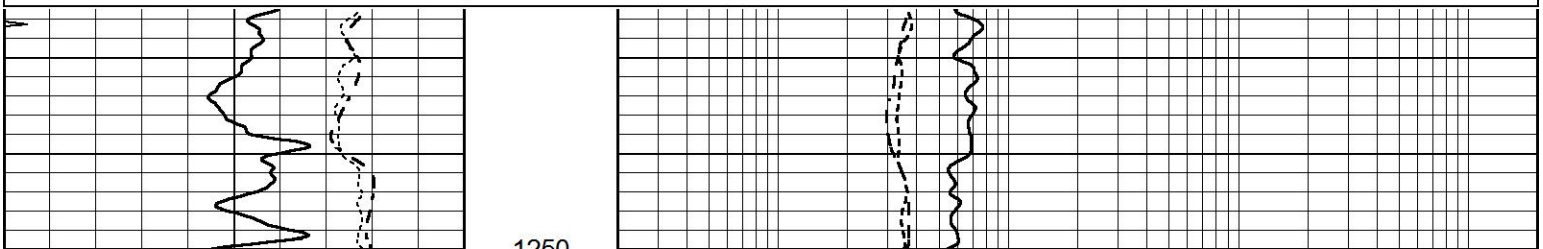
1000	CILD (mmho/m)	0
0	RLL3 (Ohm-m)	50
0	RILD (Ohm-m)	50
50	RILD X10 (Ohm-m)	500
50	RLL3 X10 (Ohm-m)	500

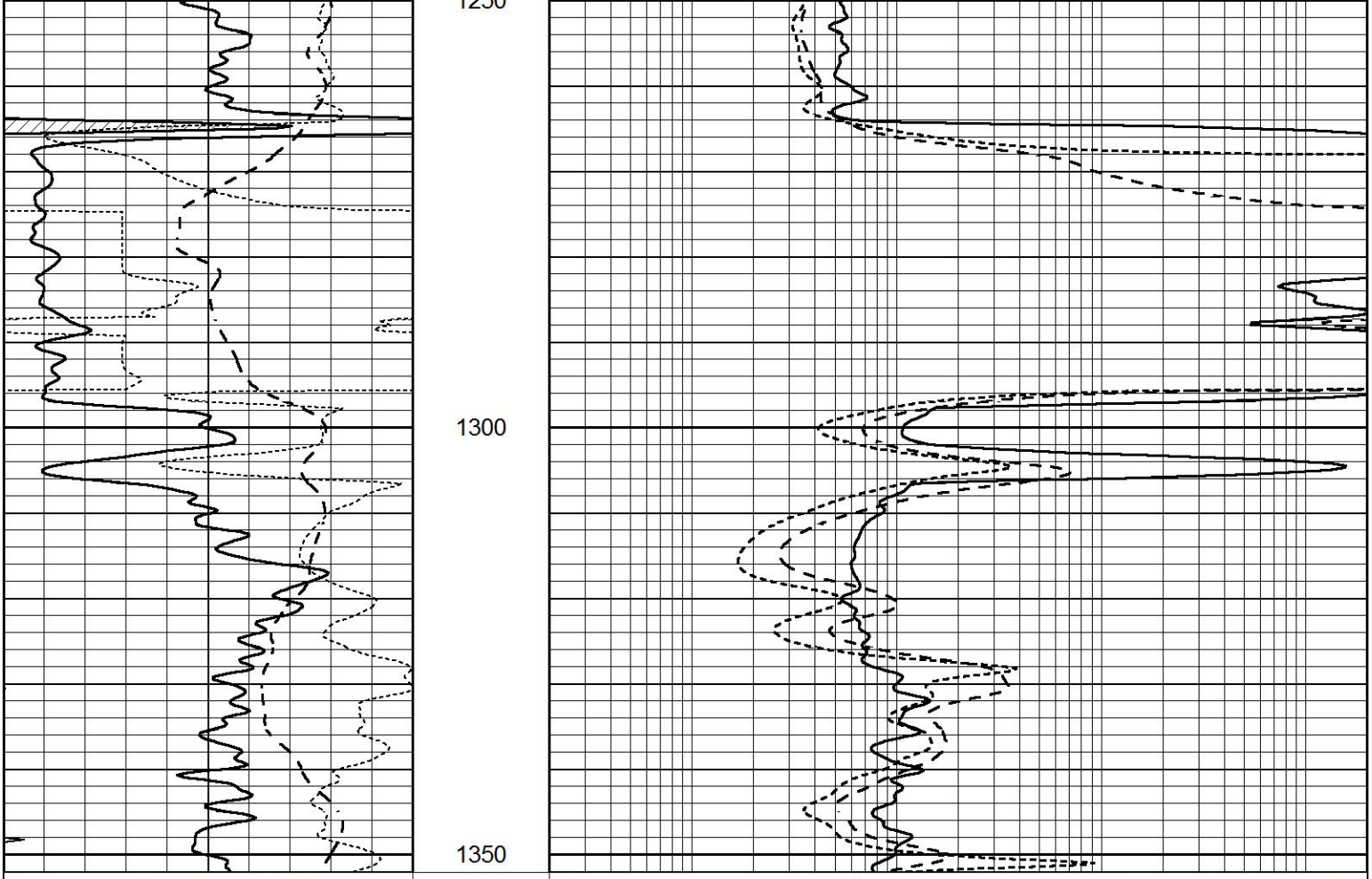
ANHYDRITE

Database File	9521ddn.db
Dataset Pathname	pass3.1A
Presentation Format	_dil
Dataset Creation	Mon Mar 16 16:59:14 2026
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





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

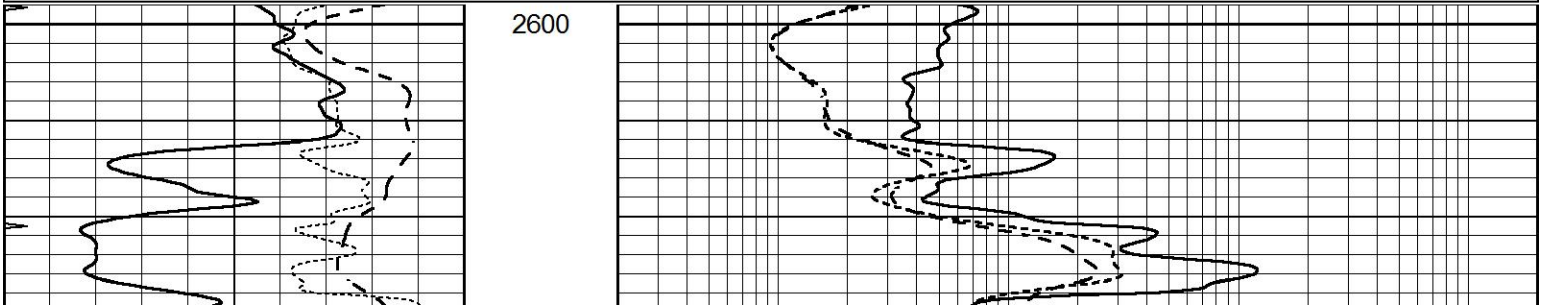
0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000

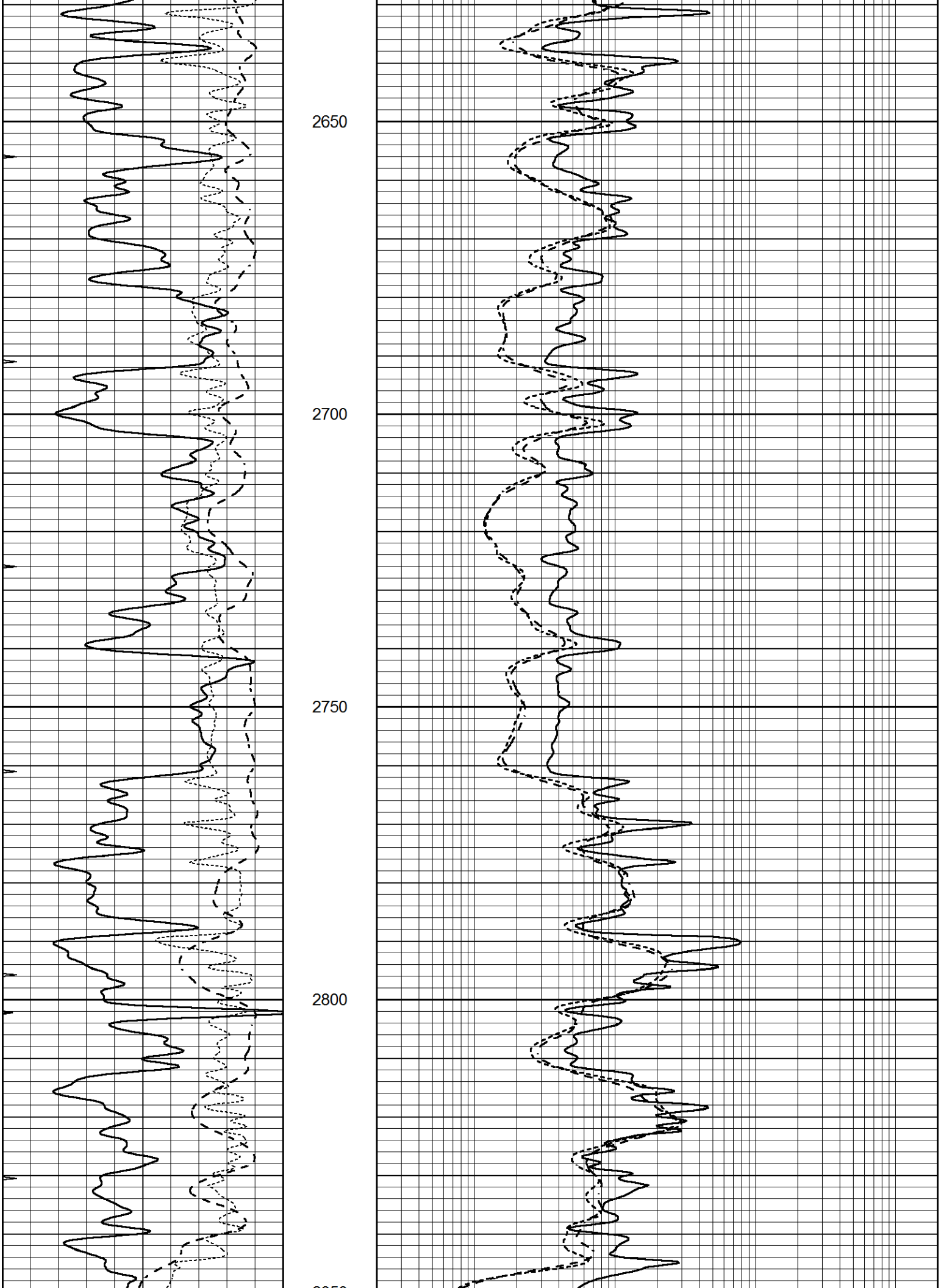
MAIN SECTION

Database File	9521ddn.db
Dataset Pathname	pass3.1M
Presentation Format	_dil
Dataset Creation	Mon Mar 16 16:58:36 2026
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

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2750
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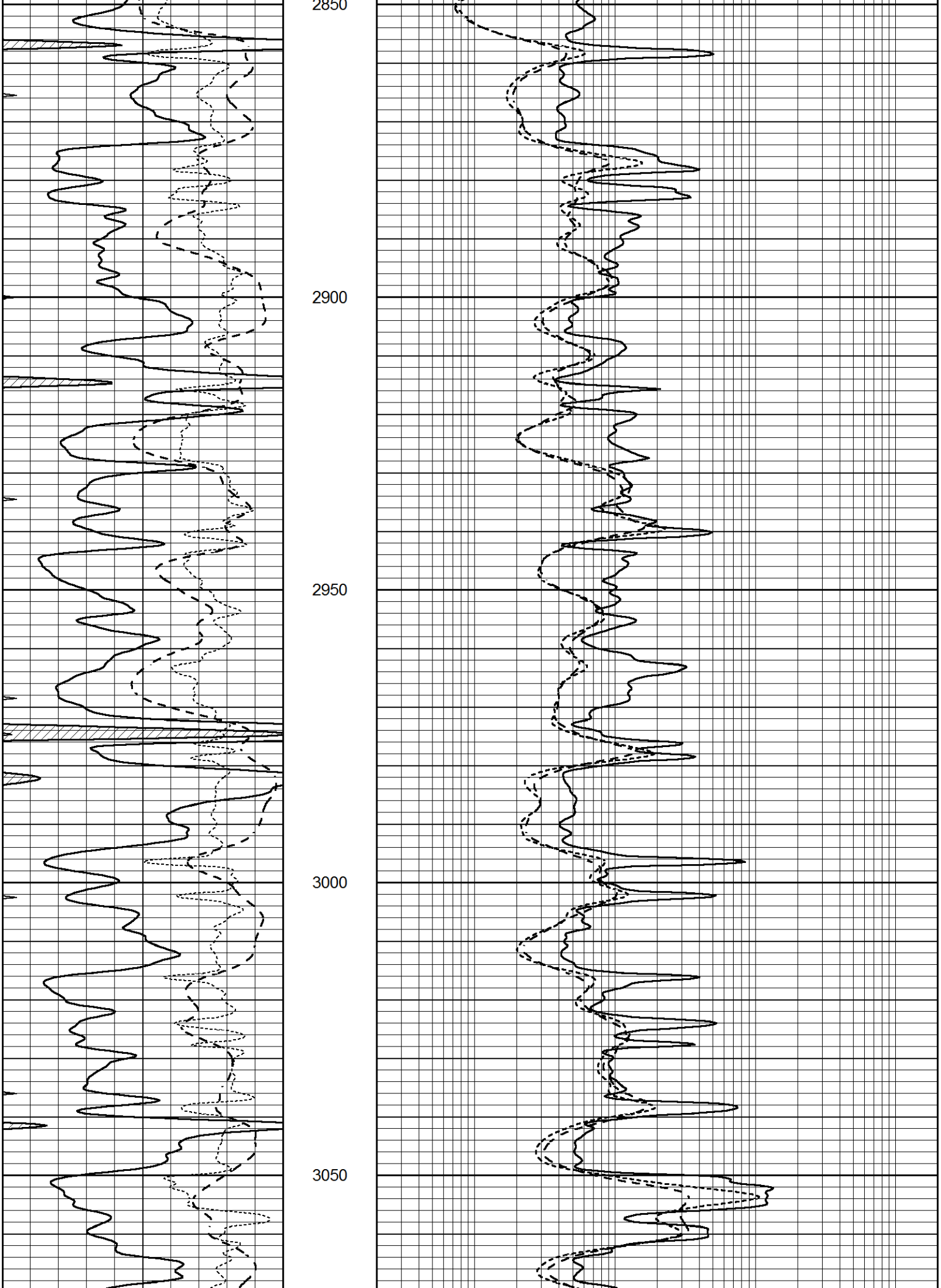
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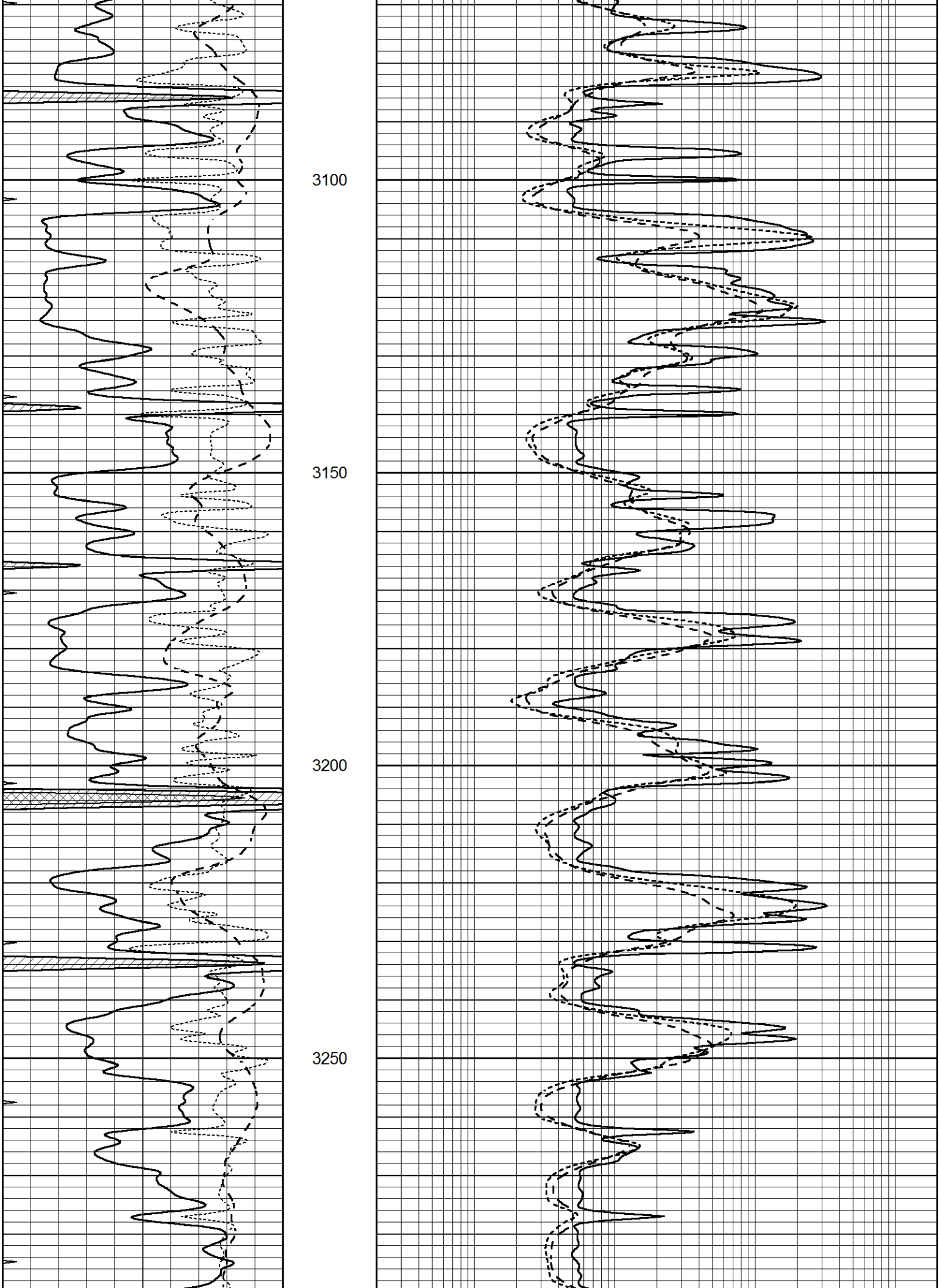
2900
2950
3000
3050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3150
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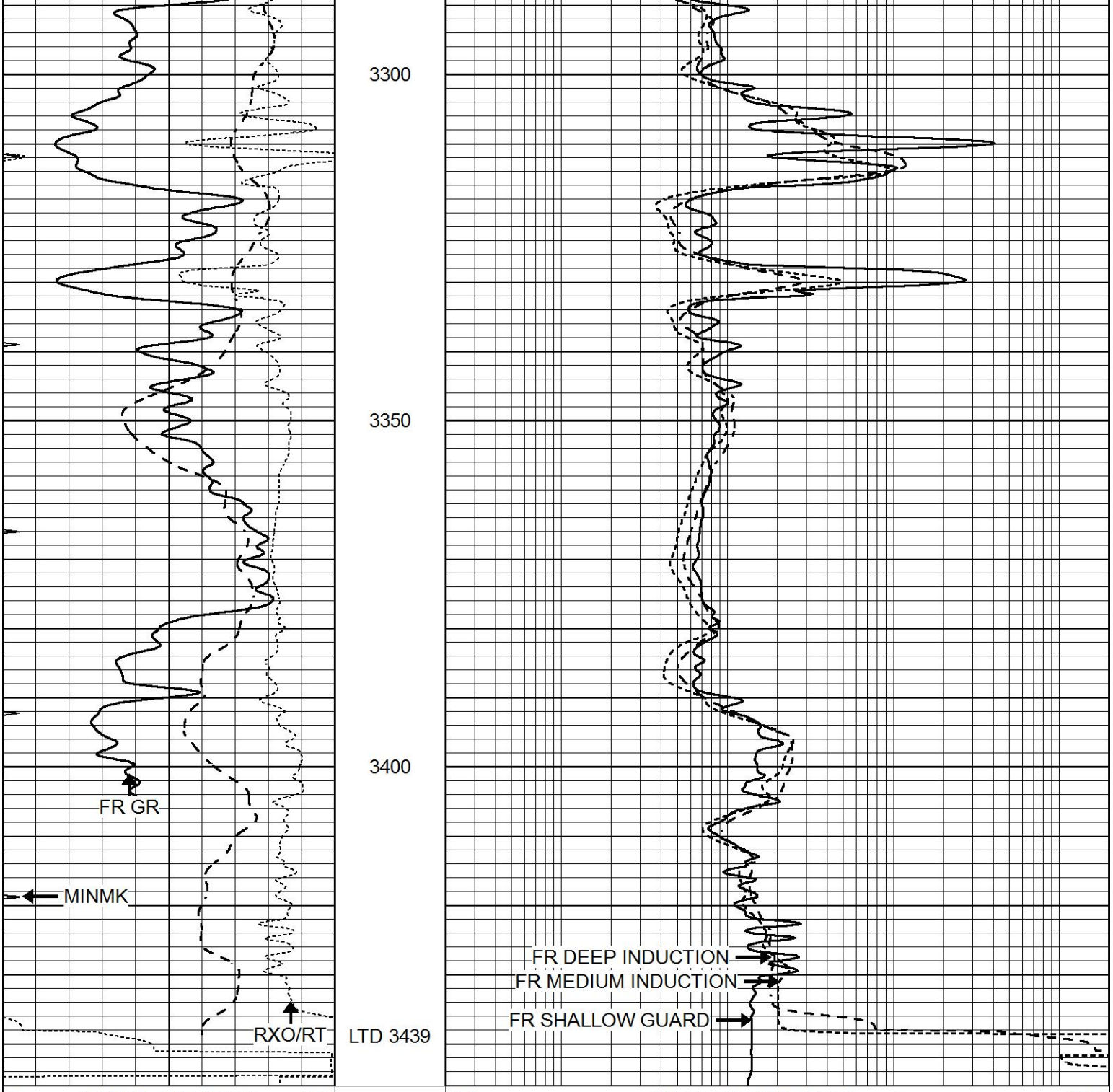
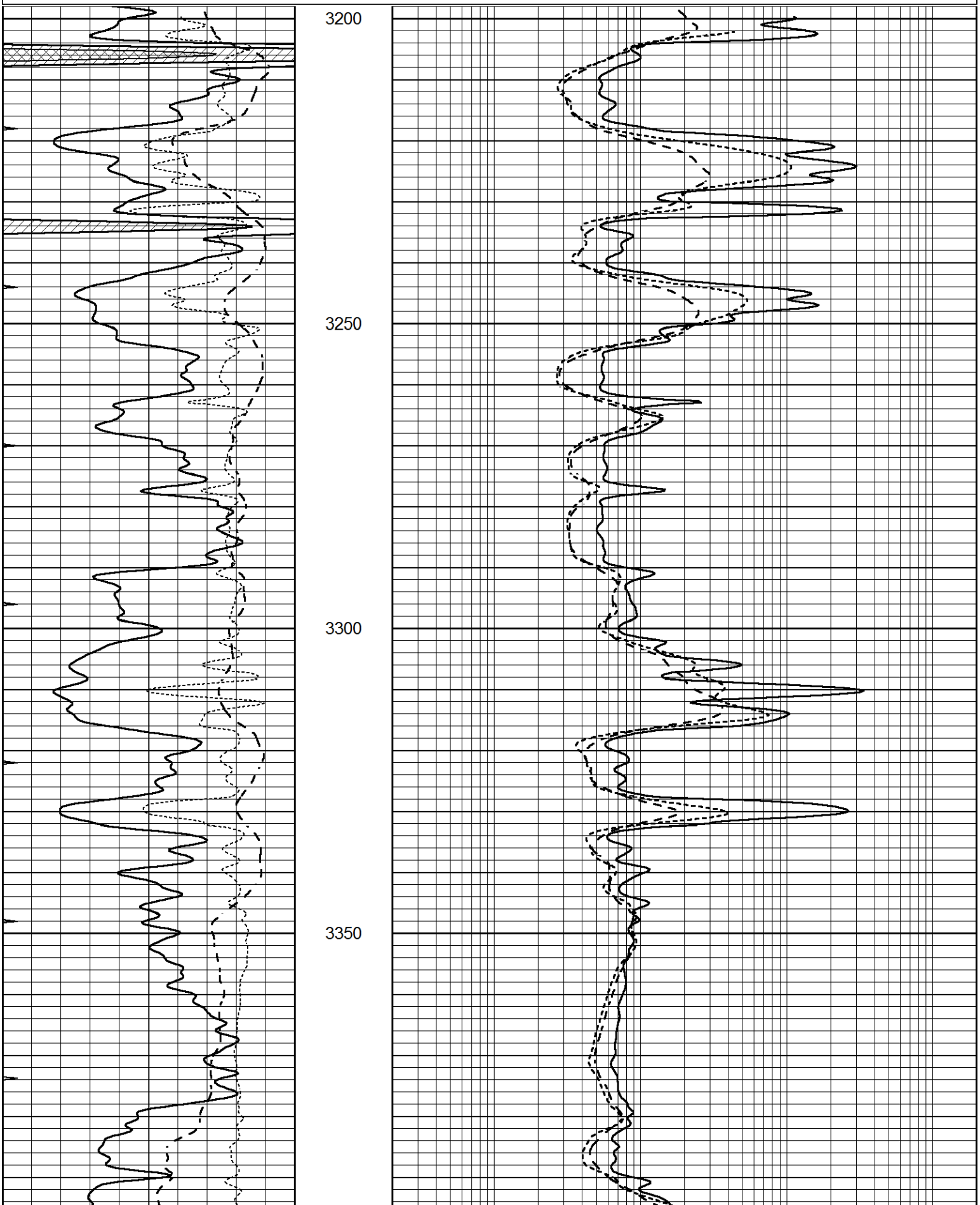


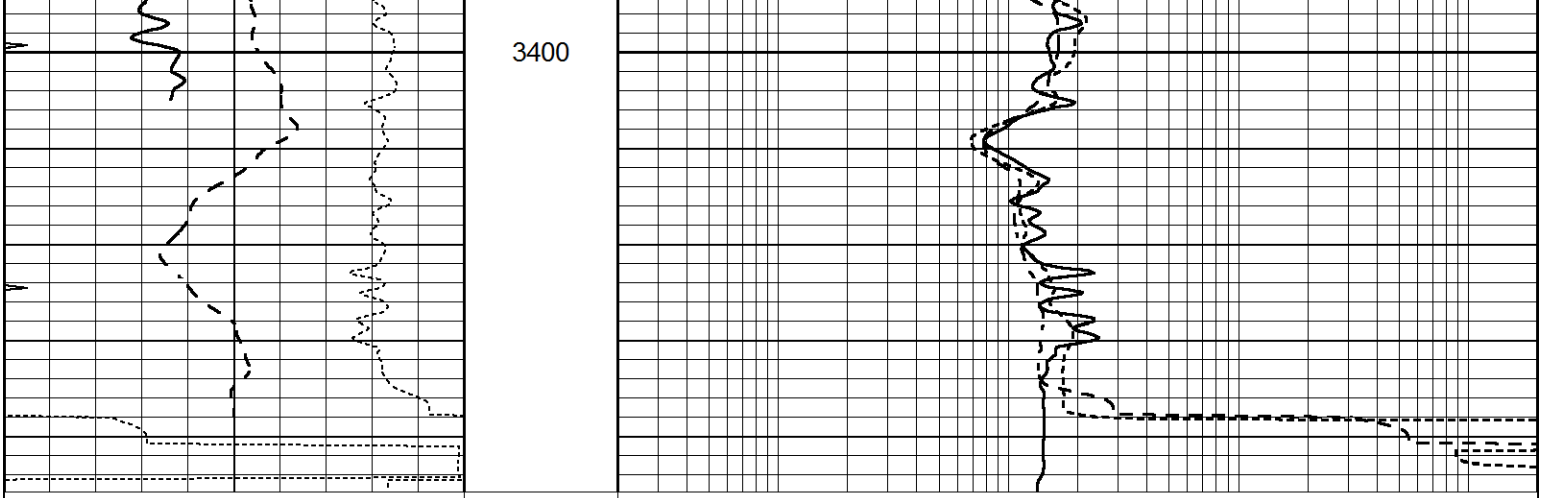
REPEAT SECTION

Database File	9521ddn.db
Dataset Pathname	pass2.1R
Presentation Format	_dil
Dataset Creation	Mon Mar 16 17:21:46 2026
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





Calibration Report

Database File 9521ddn.db
Dataset Pathname pass3.1M
Dataset Creation Mon Mar 16 16:58:36 2026

Dual Induction Calibration Report

Serial-Model: PROBE7-DILG
Surface Cal Performed: Mon Mar 16 15:01:57 2026
Downhole Cal Performed: Thu Mar 12 11:45:10 2020
After Survey Verification Performed: Thu Mar 12 11:45:00 2020

Surface Calibration

	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	-0.014	0.629	V	0.000	400.000	mmho/m	680.000	10.000
Medium	0.039	0.728	V	0.000	464.000	mmho/m	720.000	-155.000
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		1400.000	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

Litho Density Calibration Report
Serial: 004 Model: PRB

Master Calibration — Performed Thu Nov 13 10:03:11 2025

	Background	Magnesium	Aluminum	Aluminum+Fe	
Window 1	1062.8	8990.4	2841.7	2528.8	cps
Window 2	977.3	7868.2	2512.1	2268.8	cps
Window 3	842.6	4935.7	1727.5	1625.4	cps
Window 4	238.8	246.4	240.4	239.2	cps
Long Space	0.0	6890.8	1534.8	1291.5	cps
Short Space	2.3	1807.5	1203.3	990.9	cps
Rho		1.7100	2.5900	0.0000	g/cc
Pe		2.0000	2.7500	5.7900	

Rib Angle	: 44.8	Rib Slope	: 0.994	Density/Spine Ratio	: 0.566
Spine Angle	: 74.8	Spine Slope	: 3.691	Spine Intercept	: -18.8

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

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

Gamma Ray Calibration Report

Serial Number:	070559	
Tool Model:	OPEN_GR	
Performed:	Tue Feb 03 16:59:50 2026	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.3000	GAPI/cps