DUAL INDUCTION LOG

Company Palomino Petroleum Inc.
Well Wallace-Rebarchek #1
Field Wildcat
County Gove

Company	Palomino Petroleum Inc.
Well	Wallace-Rebarchek #1
Field	Wildcat
County	Gove
State	Kansas

Company Palomino Petroleum Inc.

Well Wallace-Rebarchek #1

Field Wildcat

County Gove **State** Kansas

Location: API # : 15 063 22269

2542' FNL & 2264' FWL

SEC 19 TWP 414S RGE 30W

Permanent Datum: Ground Level Elevation 2827'
Log Measured From: KB 5' AGL
Drilling Measured From: KB

Other Services
DIL
ML

Elevation
K.B. 2832'
D.F. 2831'
G.L. 2827'

Date	10-22-15		
Run Number	One		
Depth Driller	4749'		
Depth Logger	4749'		
Bottom Logged Interval	4747'		
Top Log Interval	200'		
Casing Driller	208'		
Casing Logger	208'		
Bit Size	7 7/8"		
Type Fluid in Hole	Chemical		
Density / Viscosity	9.0/68		
pH / Fluid Loss	10.0/8.0		
Source of Sample	Pit		
Rm @ Meas. Temp	1.65@65degf		
Rmf @ Meas. Temp	1.32@65degf		
Rmc @ Meas. Temp	2.1@65degf		
Source of Rmf / Rmc	Calculated		
Rm @ BHT	1.6@125degf		
Time Circulation Stopped	3:00 p.m.		
Time Logger on Bottom	5:30 p.m.		
Maximum Recorded Temperature	120degf		
Equipment Number	T729		
Location	Hays, KS		
Recorded By	L. Smith		
Witnessed By	Mr. Andrew Stenzel		

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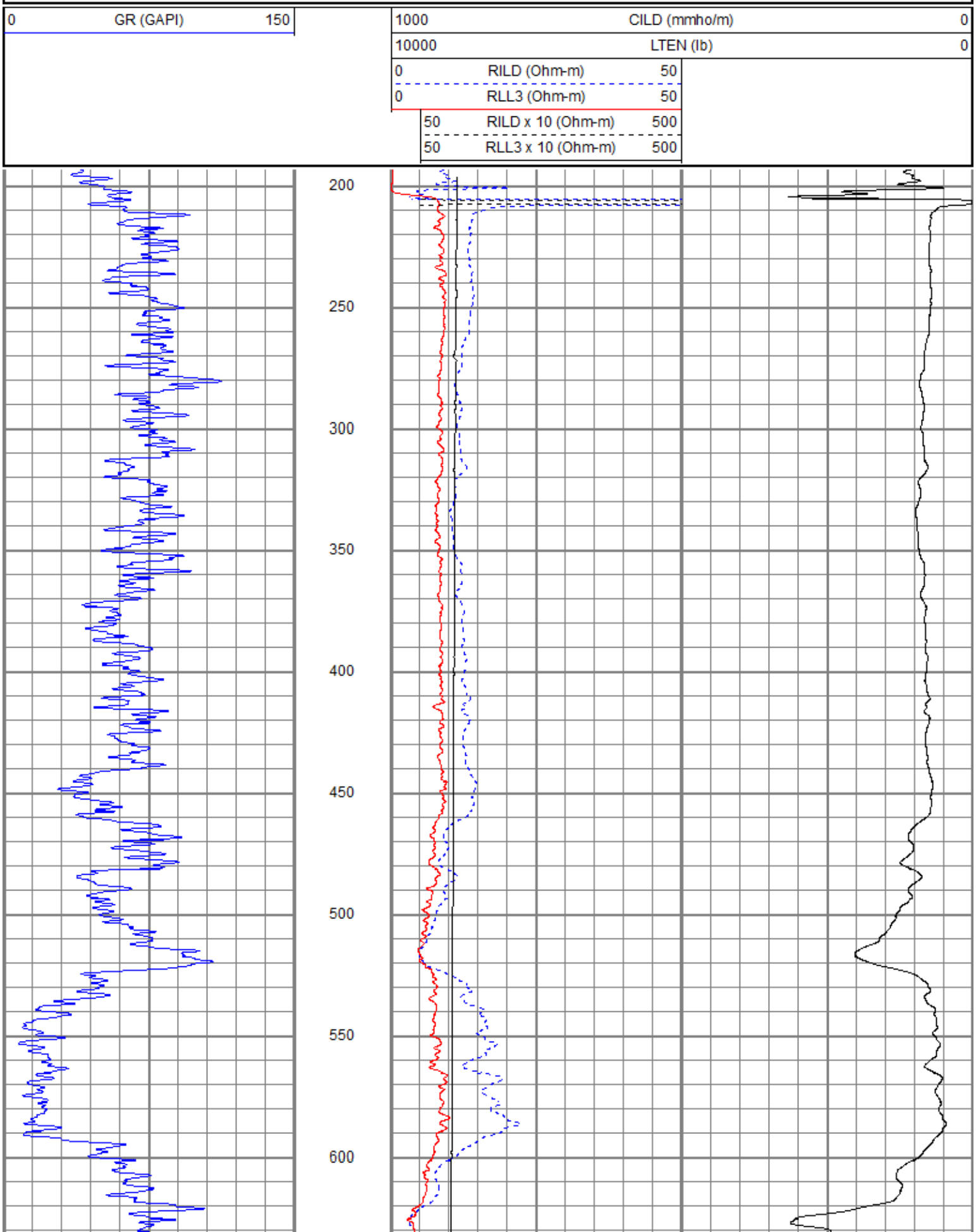
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

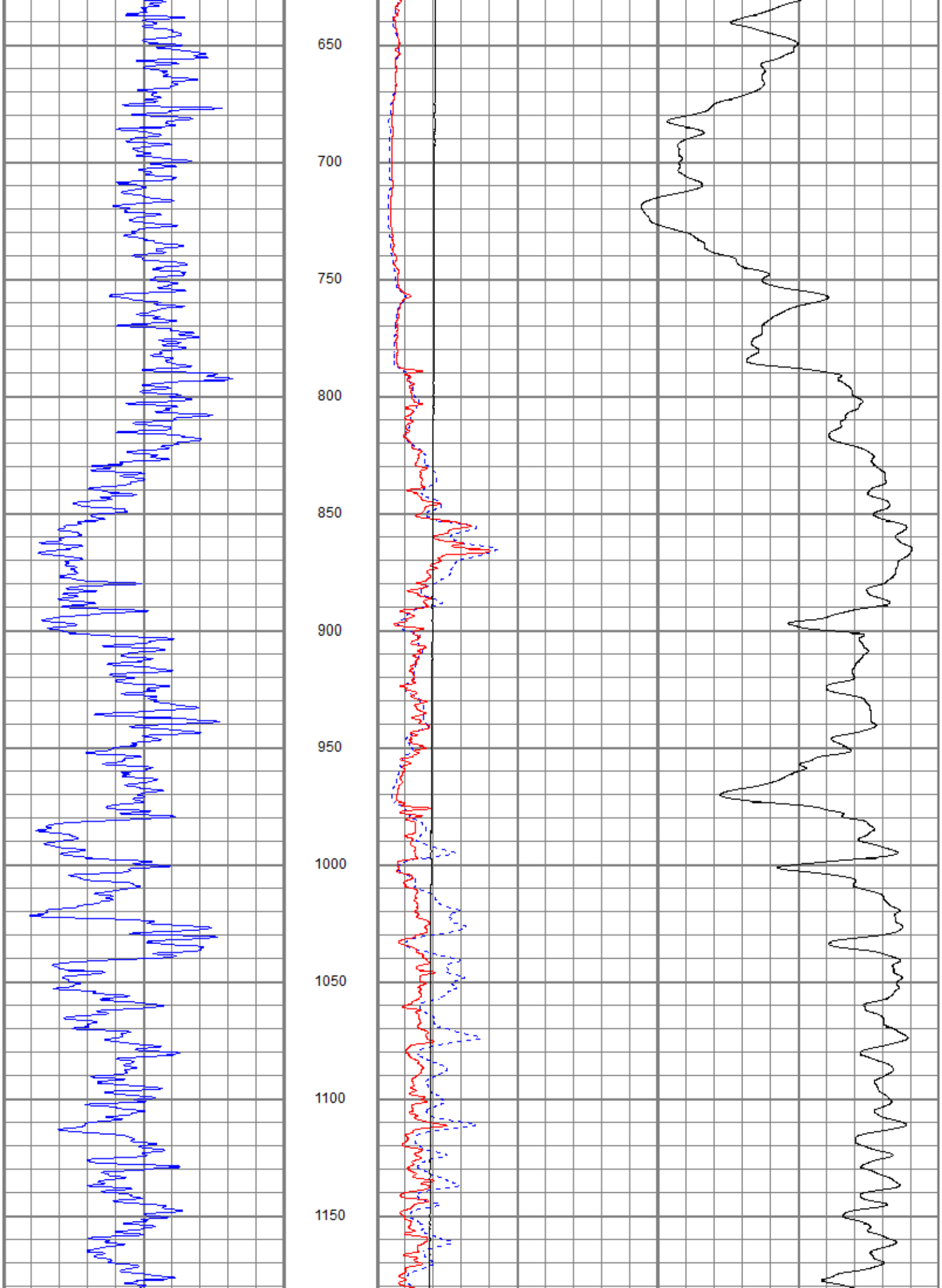
Comments

South of Gove to I rd, East to curve North,1/2 north, East into

Main Pass

Database File	ppwallacerebarchek#1oh.db
Dataset Pathname	pas4
Presentation Format	kdillinn
Dataset Creation	Thu Oct 22 17:50:13 2015
Charted by	Depth in Feet scaled 1:600

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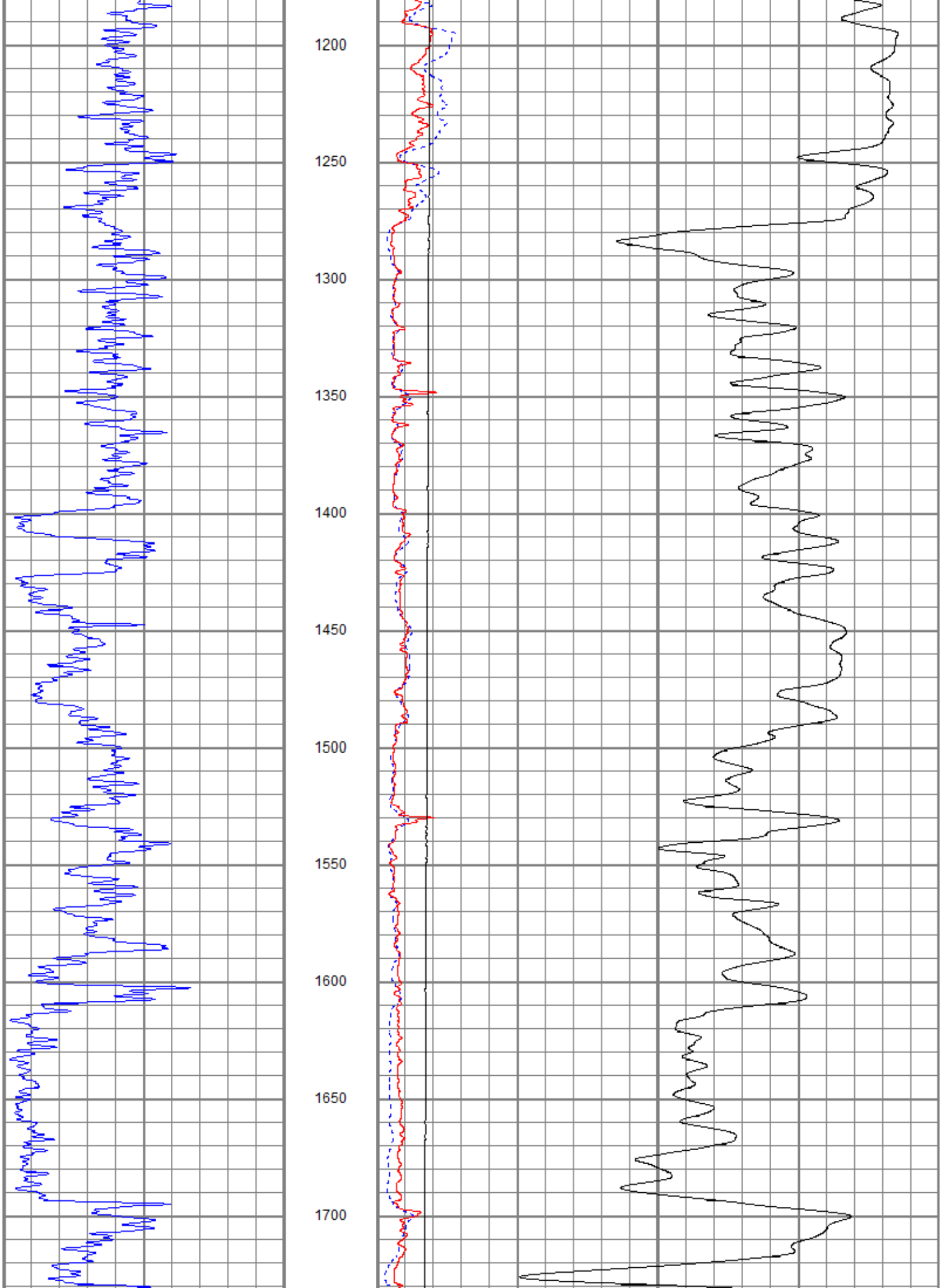
1100
1150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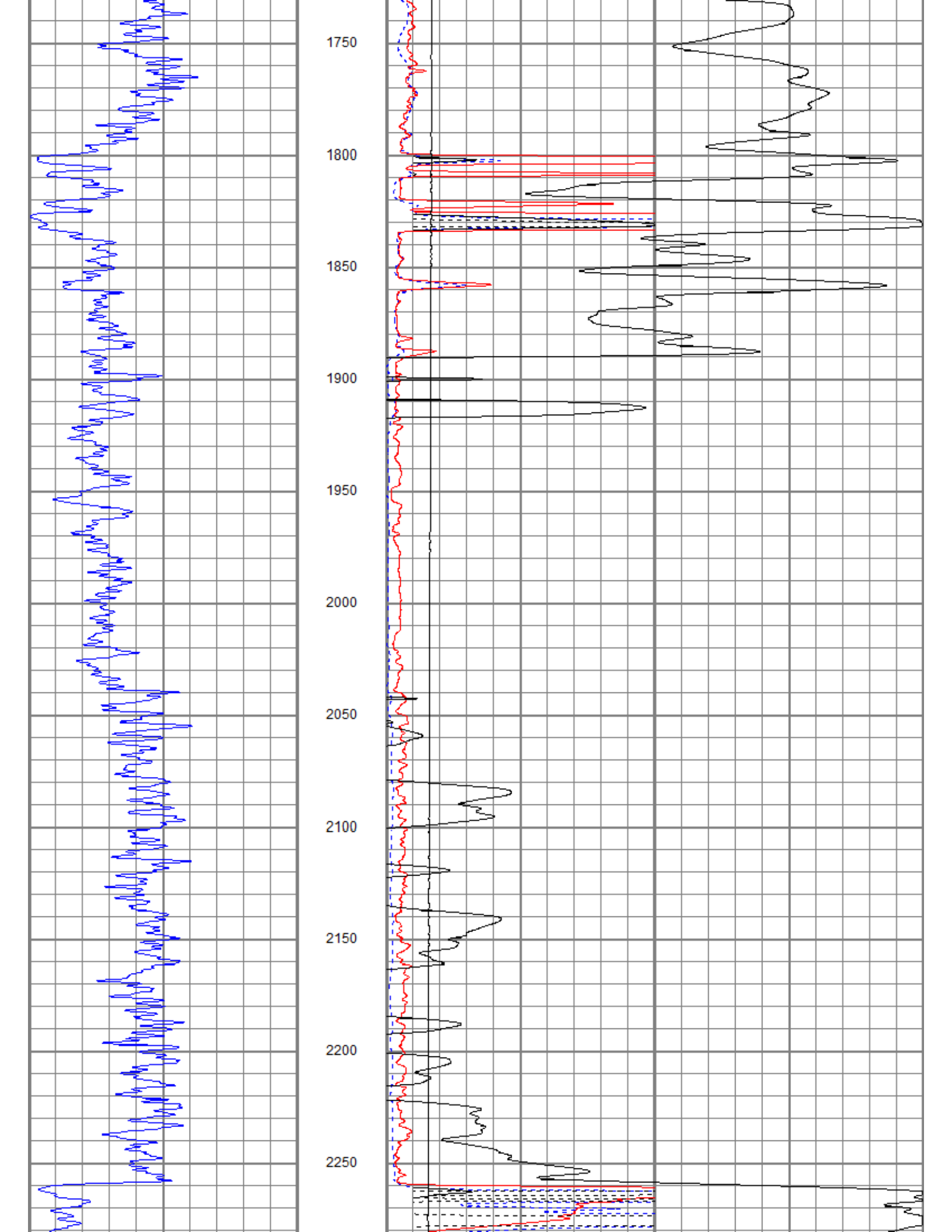
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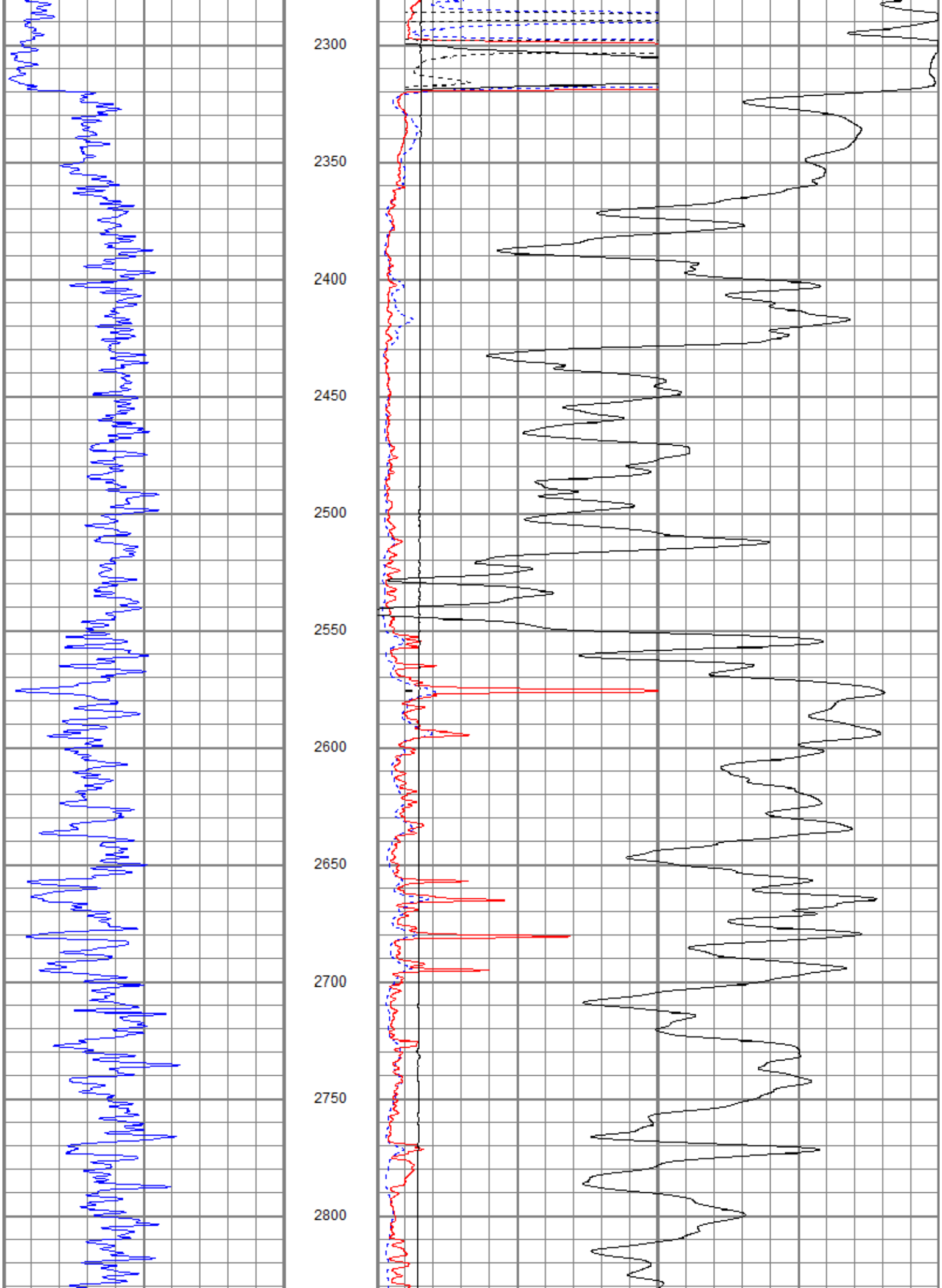
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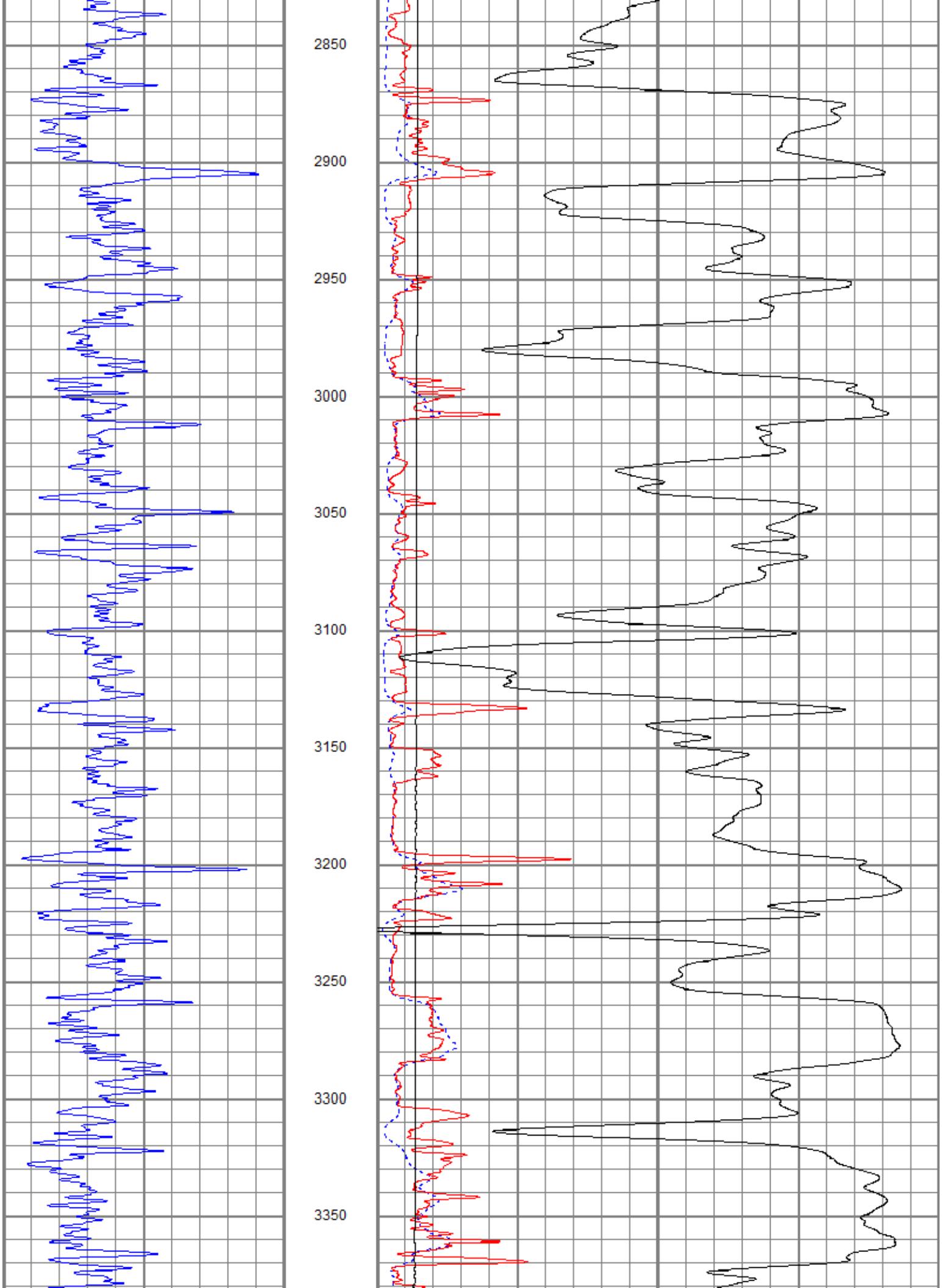
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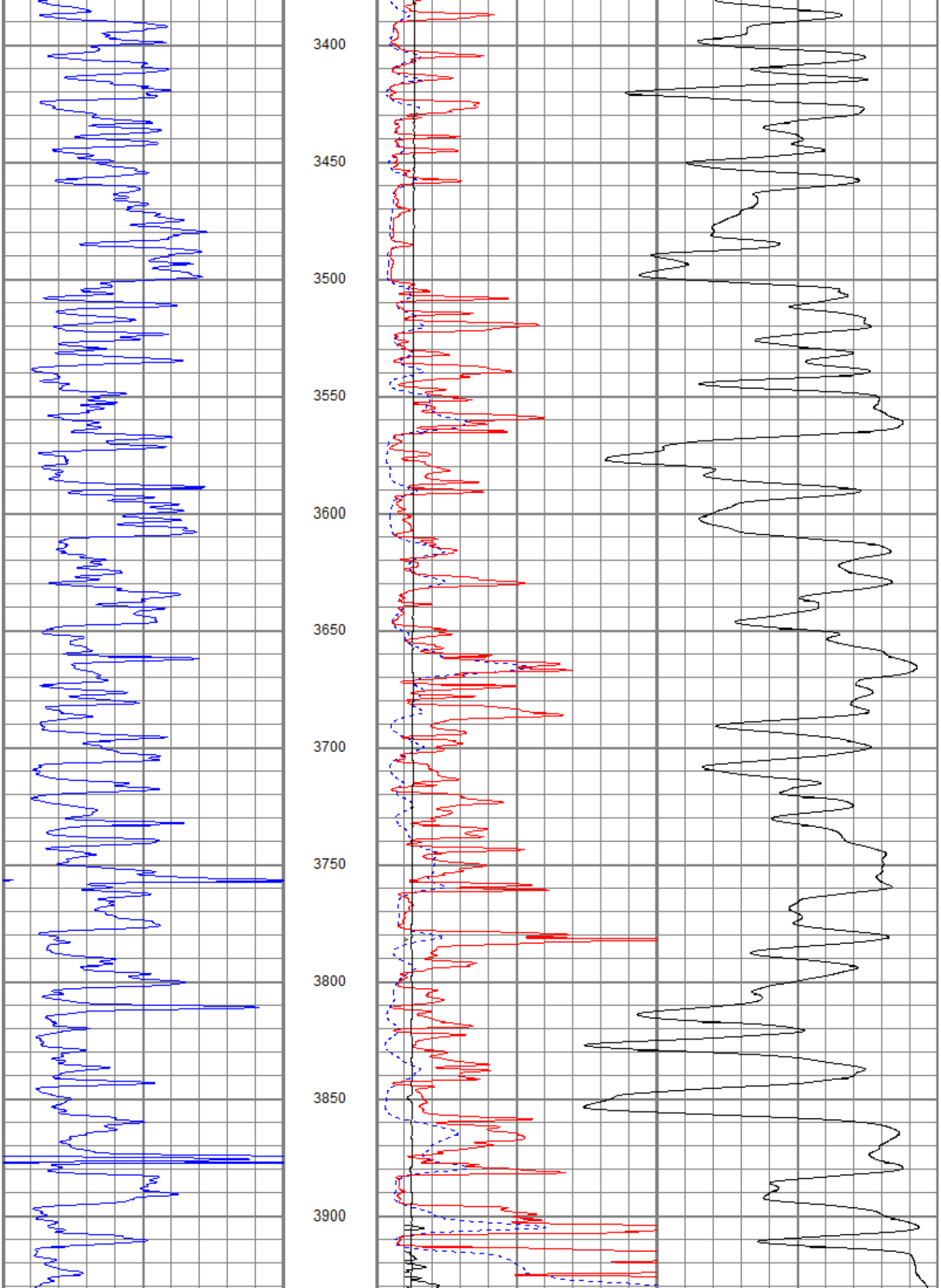
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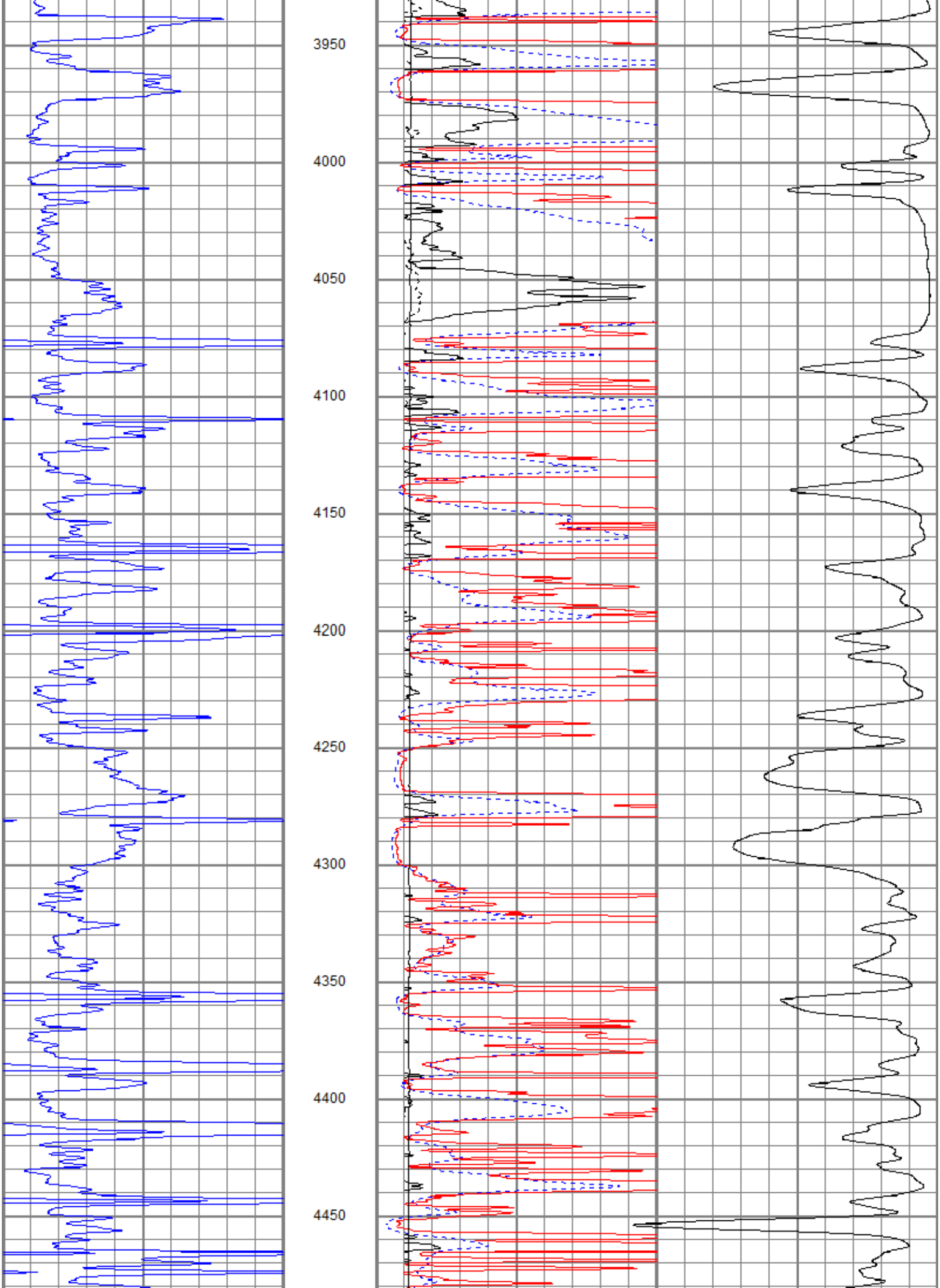
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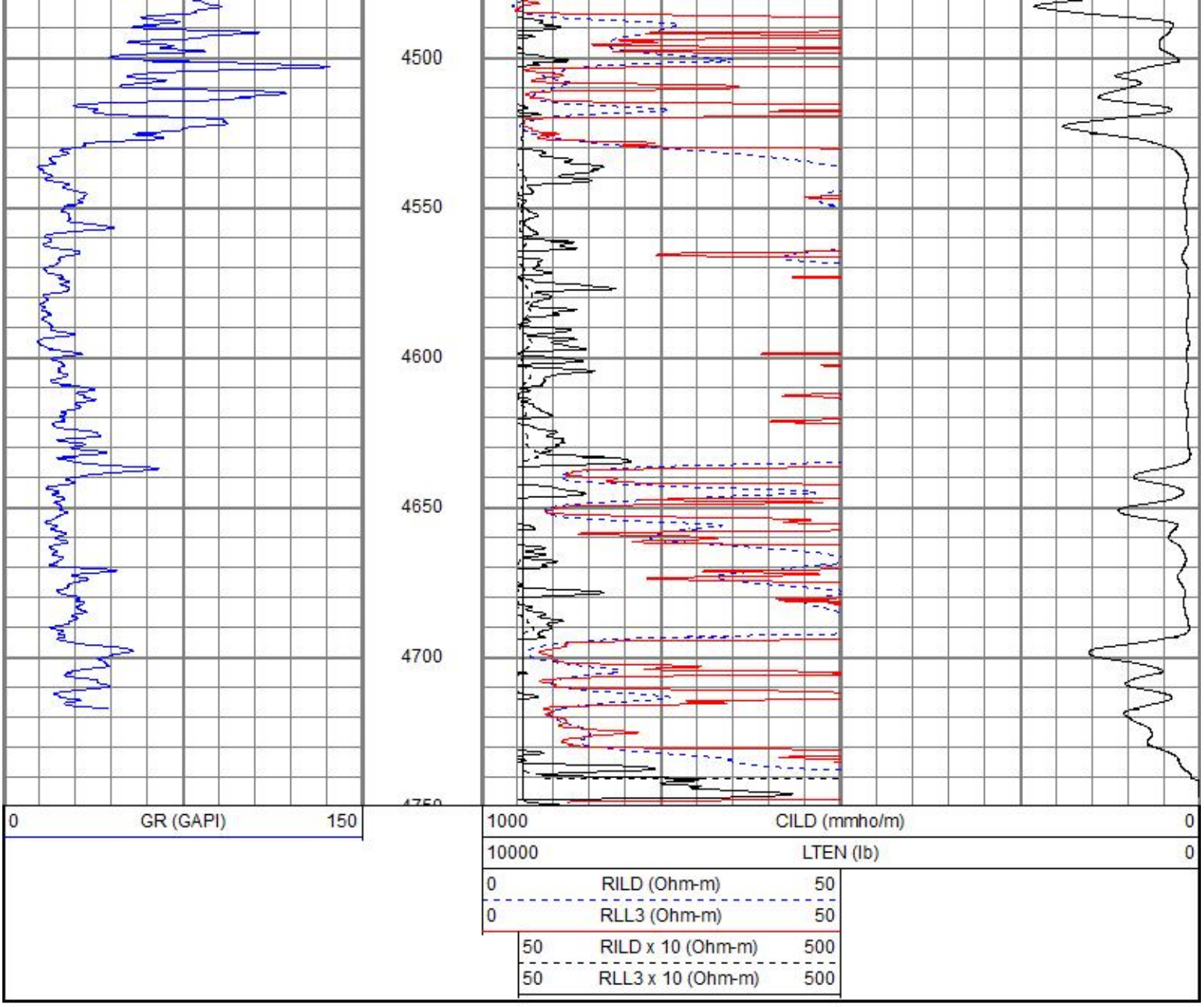
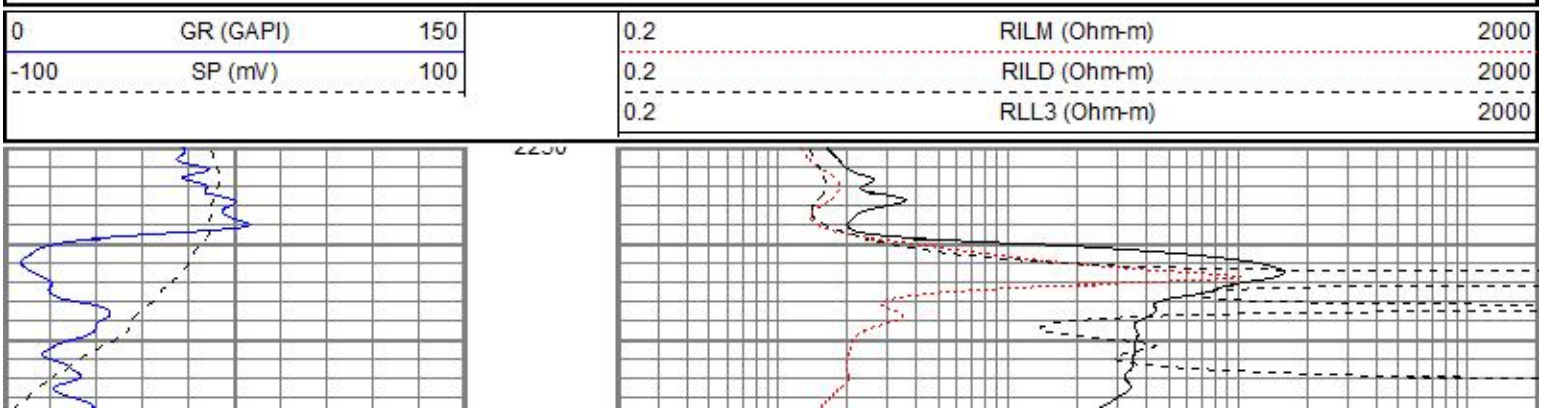
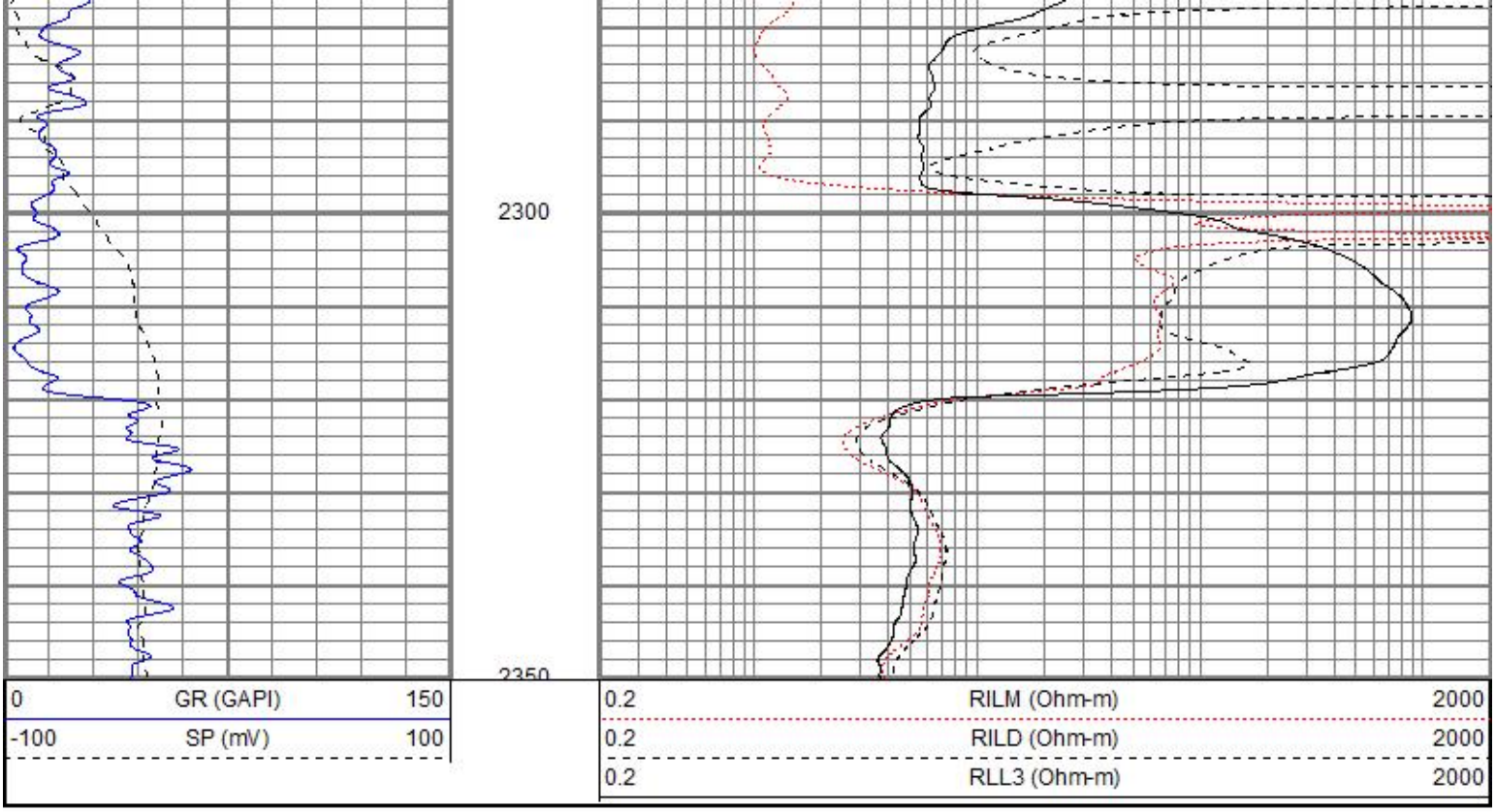


Main Pass

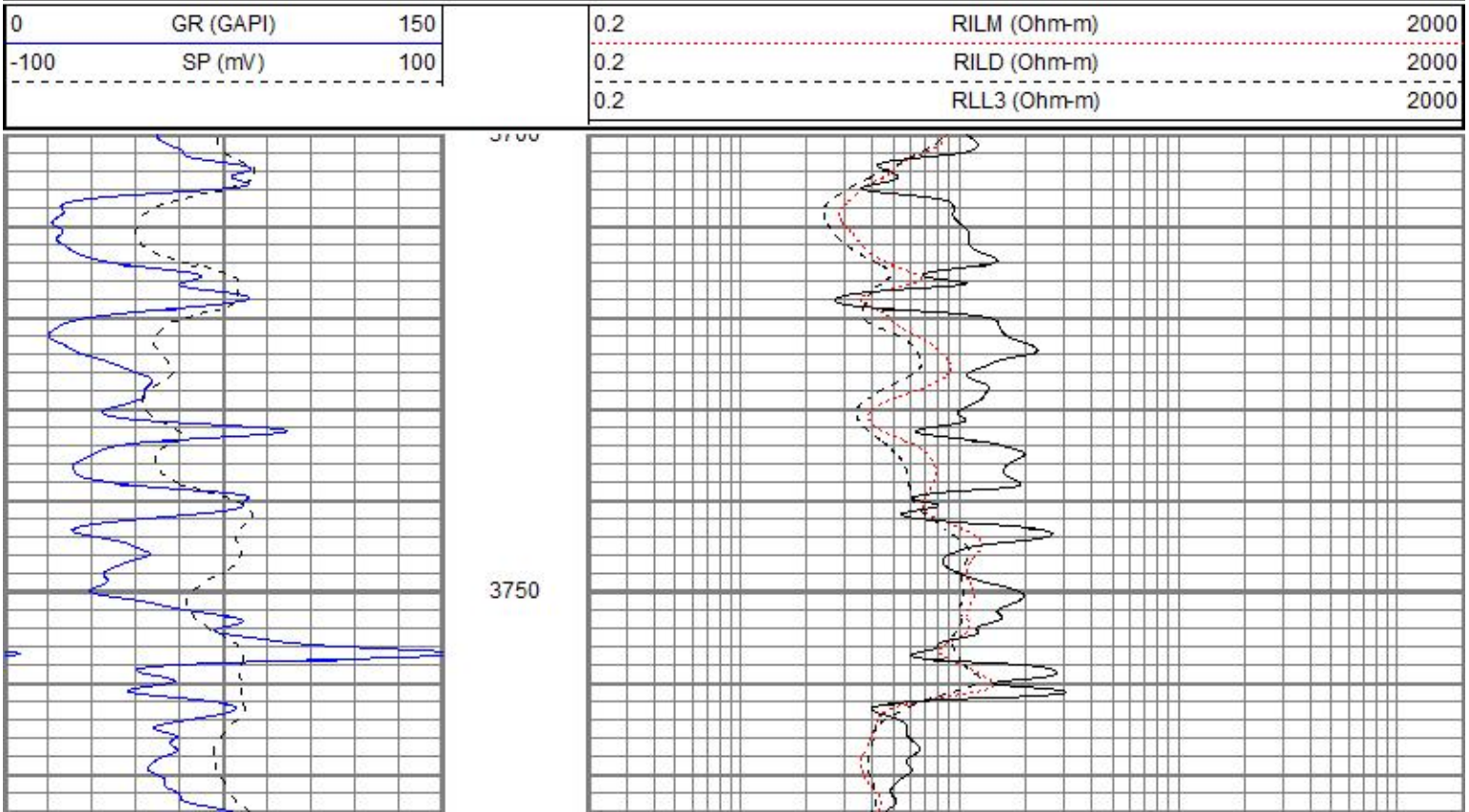
Database File	ppwallacerebarchek#1oh.db
Dataset Pathname	pas4
Presentation Format	kdil
Dataset Creation	Thu Oct 22 17:50:13 2015
Charted by	Depth in Feet scaled 1:240

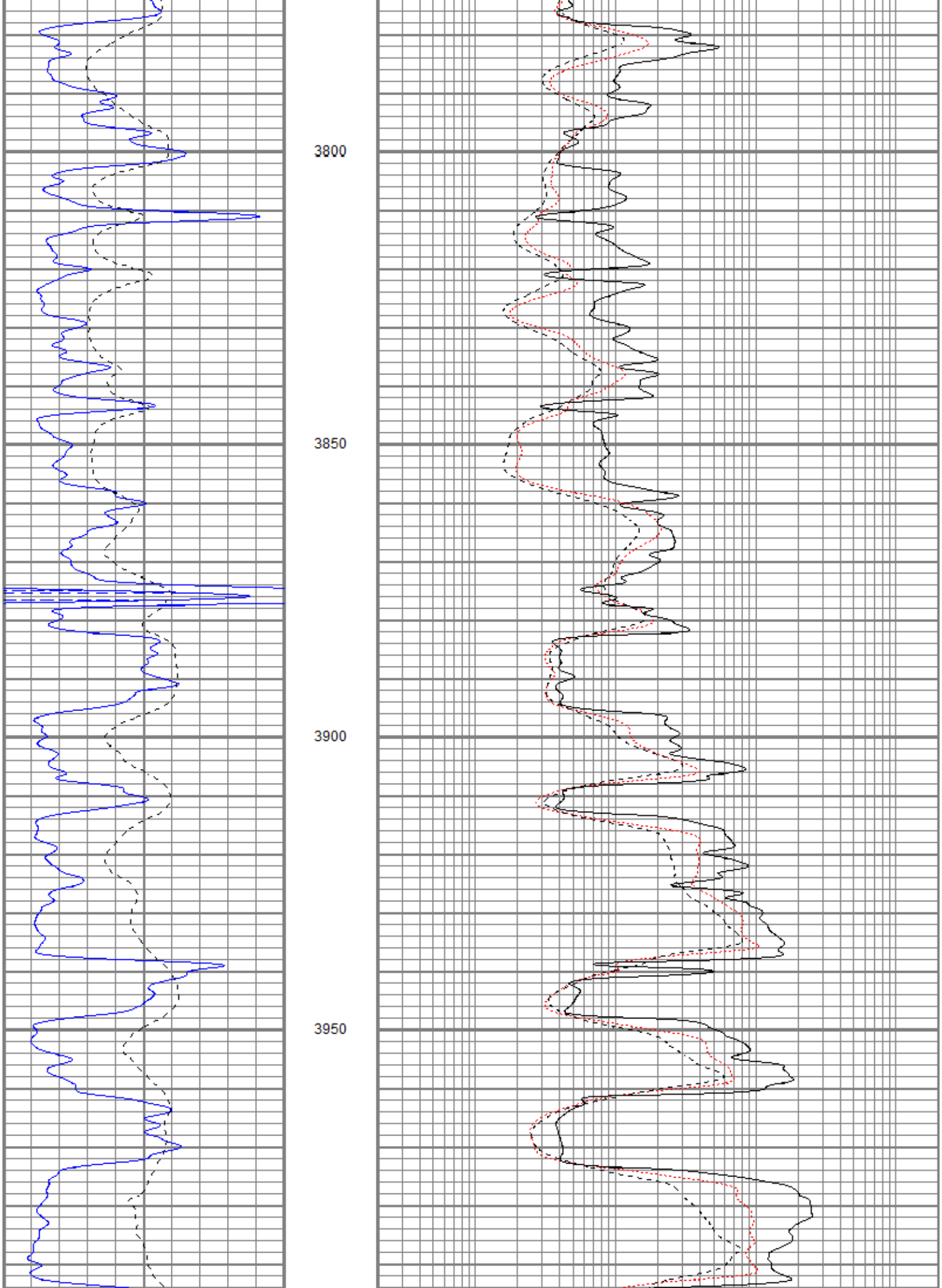




Main Pass

Database File	ppwallacerebarchek#1oh.db
Dataset Pathname	pas4
Presentation Format	kdil
Dataset Creation	Thu Oct 22 17:50:13 2015
Charted by	Depth in Feet scaled 1:240

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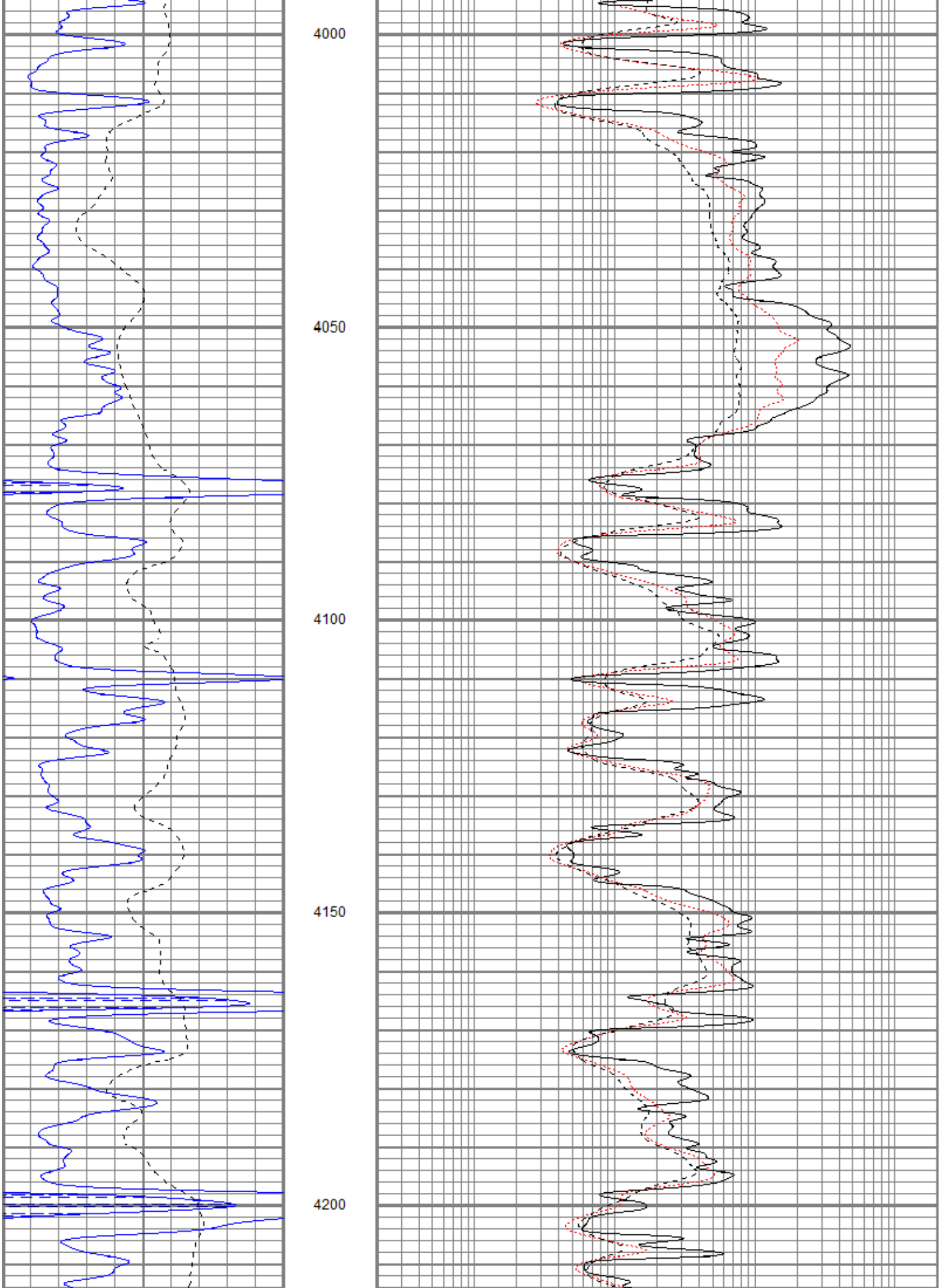
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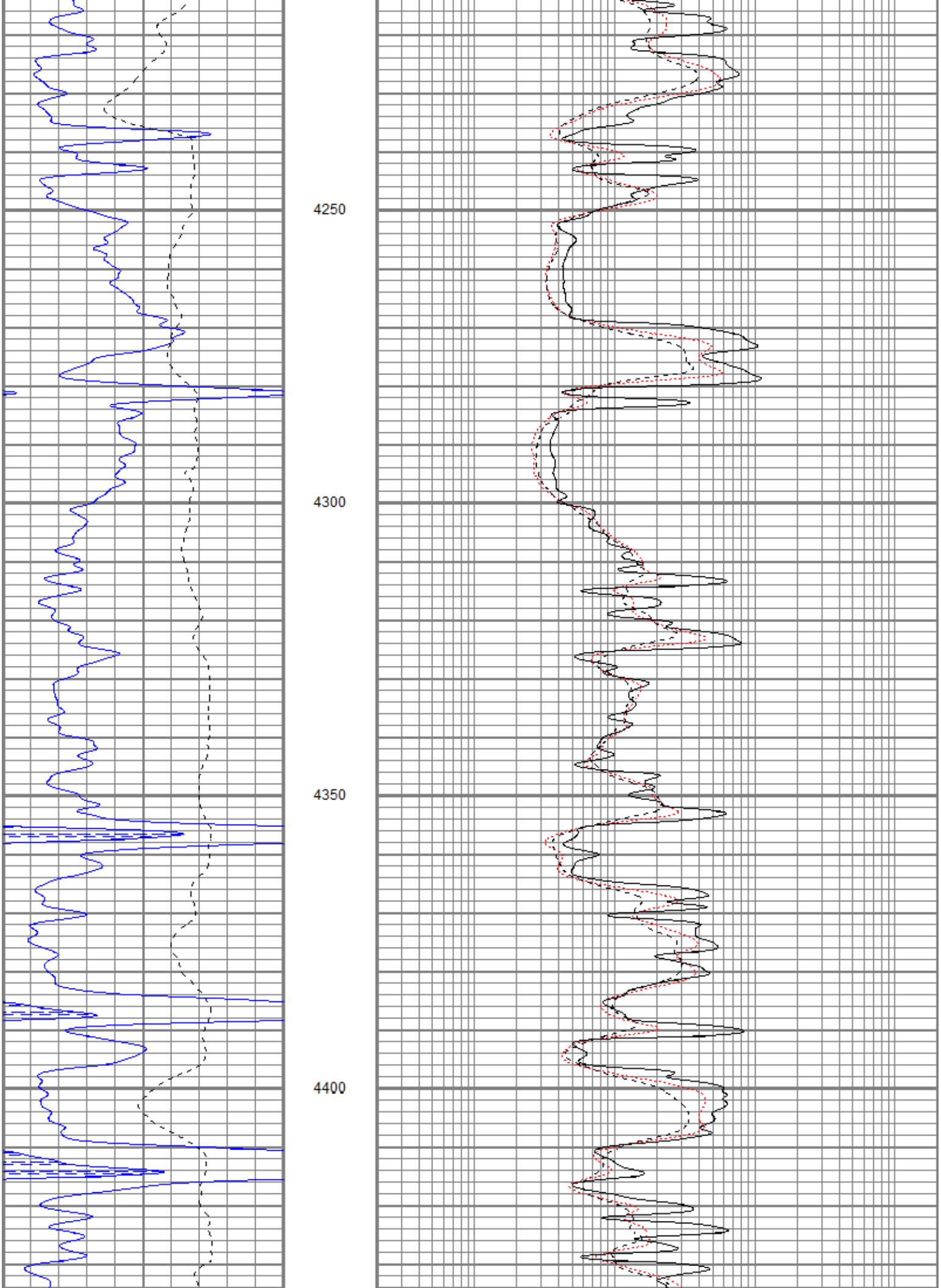
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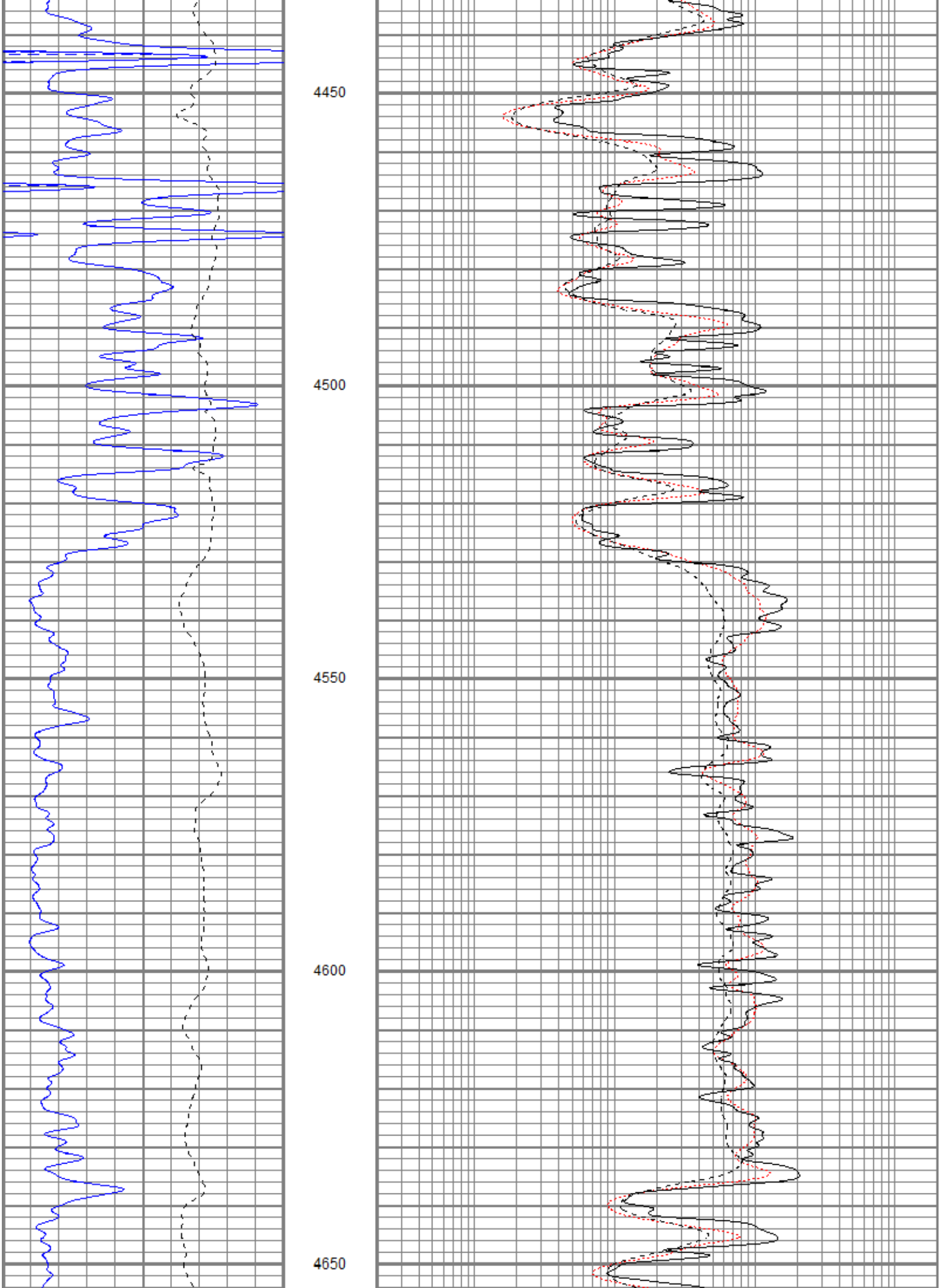
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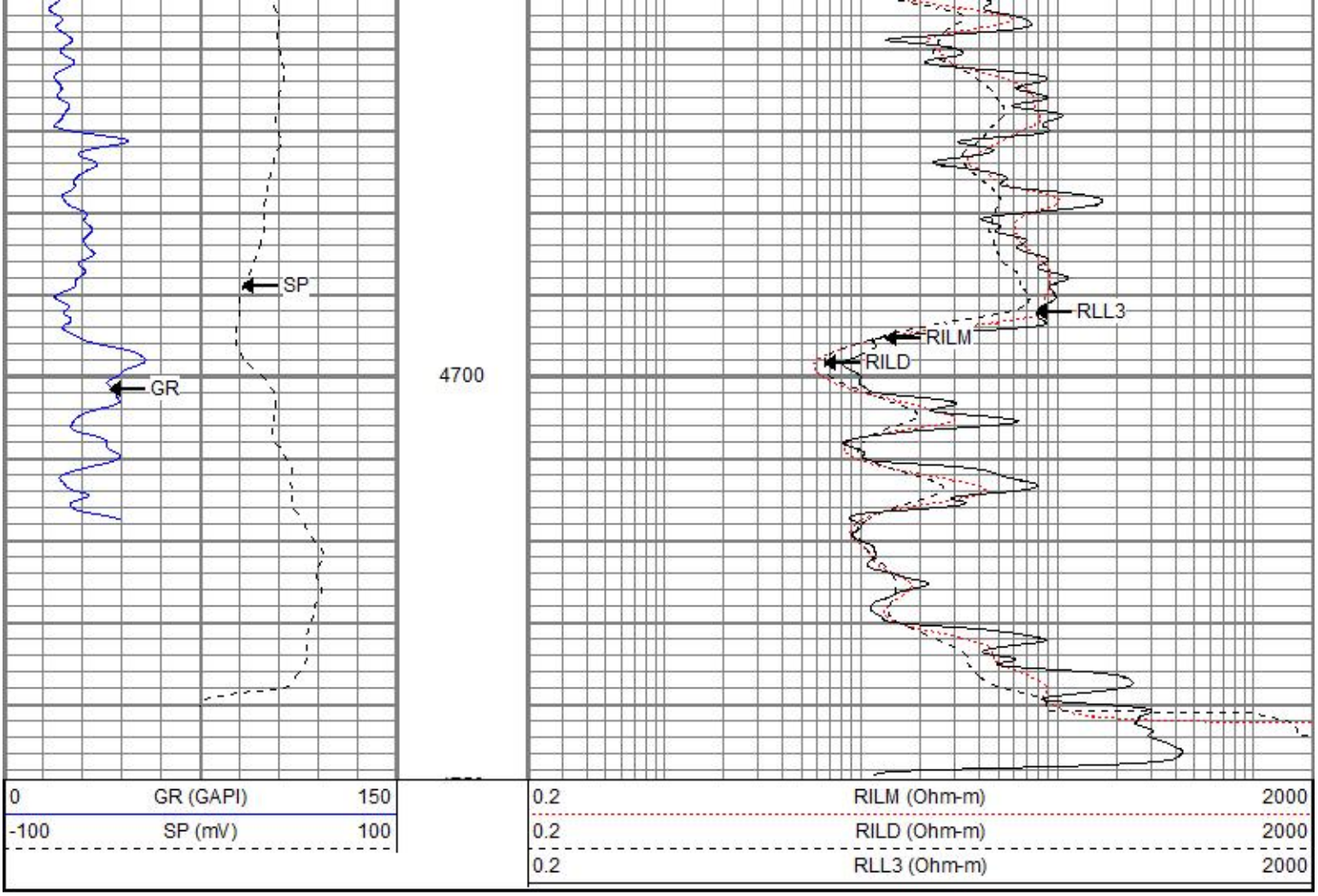


0	GR (GAPI)	150
-100	SP (mV)	100

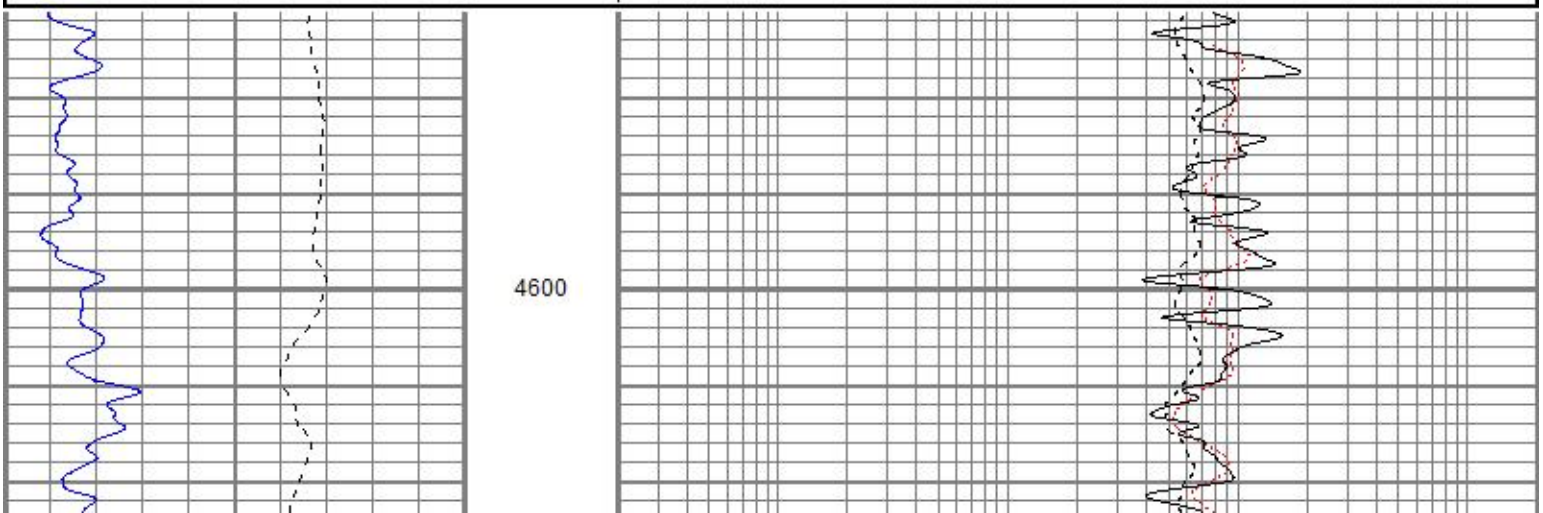
0.2	RILM (Ohm-m)	2000
0.2	RILD (Ohm-m)	2000
0.2	RLL3 (Ohm-m)	2000

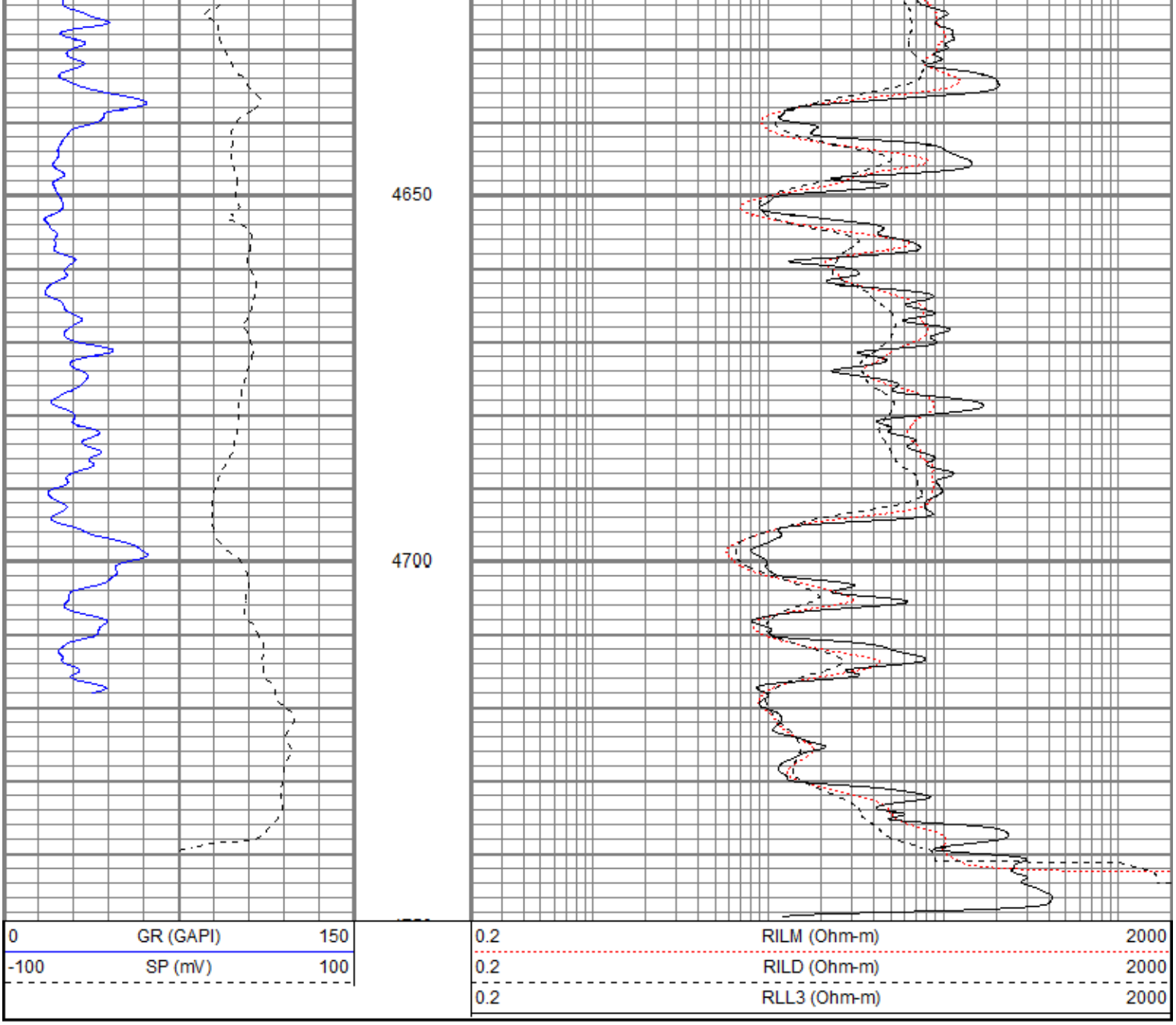
Repeat Pass

Database File	ppwallacerebarchek#1oh.db
Dataset Pathname	pas3
Presentation Format	kdil
Dataset Creation	Thu Oct 22 17:40:37 2015
Charted by	Depth in Feet scaled 1:240

0	GR (GAPI)	150
-100	SP (mV)	100

0.2	RILM (Ohm-m)	2000
0.2	RILD (Ohm-m)	2000
0.2	RLL3 (Ohm-m)	2000





Calibration Report

Database File	ppwallacerebarchek#1oh.db
Dataset Pathname	pas3
Dataset Creation	Thu Oct 22 17:40:37 2015

Dual Induction Calibration Report

Serial-Model:	080522-Probe
Surface Cal Performed:	Thu Oct 08 10:16:27 2015
Downhole Cal Performed:	Thu Oct 08 10:17:08 2015
After Survey Verification Performed:	Thu Oct 08 10:17:08 2015

Surface Calibration

	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.001	0.641	V	0.000	400.000	mmho/m	624.950	-0.824
Medium	0.004	0.742	V	0.000	464.000	mmho/m	628.752	-2.706
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.001	0.641	V	0.000	400.000	mmho/m	625.200	-0.870
Medium	0.004	0.743	V	0.000	464.000	mmho/m	627.931	-2.579

Downhole Calibration

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.282	399.760	mmho/m	0.046	399.886	mmho/m	1.001	-0.237
Medium	-0.077	464.284	mmho/m	-0.123	464.484	mmho/m	1.001	-0.046
LL3		7.298	V		750.000	Ohm-m		
		0.004	V		12.000	Ohm-m		
		-7.329	V		3745.000	mmho-m		

After Survey Verification

	Readings			Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	0.282	399.760	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	-0.077	464.284	mmho/m	1.000	0.000
LL3		0.000	Ohm-m		750.000	Ohm-m		
		0.000	Ohm-m		12.000	Ohm-m		
		0.000	mmho-m		3745.000	mmho-m		

Compensated Density Calibration Report

Serial-Model: 2118-poilex
Source / Verifier: csvj12 /
Master Calibration Performed: Wed Oct 14 06:57:36 2015
Before Survey Verification Performed:
After Survey Verification Performed:

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.750	g/cc	388.04	379.89	cps
Aluminum	2.600	g/cc	73.23	241.18	cps

Spine Angle = 74.76

Density/Spine Ratio = 0.492

	Size		Reading	
Small Ring	8.65	in	2.41	V
Large Ring	14.00	in	4.04	V

Before Survey Verification

Target		Measured	
	g/cc		g/cc
	g/cc		g/cc
	g/cc		g/cc

After Survey Verification

Target		Measured	
	g/cc		g/cc
	g/cc		g/cc
	g/cc		g/cc

Gamma Ray Calibration Report

Serial Number: 2118
Tool Model: poilex
Performed: Tue Oct 13 11:08:57 2015

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 1.0 cps

Sensitivity: 0.8500 GAPI/cps

Neutron Calibration Report

Serial Number:	5138	
Tool Model:	G	
Performed:	Fri Feb 20 03:21:36 2015	
Calibrator Value:	1	NAPI
Calibrator Reading:	1	cps
Sensitivity:	1	NAPI/cps

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CHD-None	0.75	1.50	5.00
NEU	34.63		NEU-G (5138) Gearhart Epithermal	5.65	3.50	85.00
GR	28.89		GR-poilex (2118)	2.79	4.00	40.00
			CDL-poilex (2118)	6.04	4.00	275.00
LSD	23.80					
DCAL	23.47					
SSD	23.30					
SP	10.60		DIL-Probe (080522) Probe Dual Induction	21.47	4.00	345.00
CILD	10.60					
CILM	6.89					
RLL3	1.70					

Dataset:	ppwallacerebarchek#1oh.db: field/well/run1/pas3
Total length:	36.70 ft
Total weight:	750.00 lb
O.D.:	4.00 in