RADIATION GUARD LOG

The Perforators LLC

Company	Berexco LLC
Well	Benson 9
Field	Morel
County	Graham
State	Kansas

Company Berexco LLC

Well Benson 9

Field Morel

County Graham State Kansas

Location: API # : 15-065-23699

1670' FSL & 1400' FWL

SEC 15 TWP 9S RGE 21W

Permanent Datum: Ground Level — Elevation 2236'

Log Measured From: KB 11' AGL

Drilling Measured From: KB

Other Services: CDL, ML

Elevation: K.B. 2247', D.F. 2246', G.L. 2236'

Date	9-10-10		
Run Number	One		
Depth Driller	3845'		
Depth Logger	3877'		
Bottom Logged Interval	3851'		
Top Log Interval	Surface Casing		
Casing Driller	283'		
Casing Logger	278'		
Bit Size	7 7/8"		
Type Fluid in Hole	Chemical		
Density / Viscosity	9.0 lb/usg		
pH / Fluid Loss	////		
Source of Sample	Pit		
Rm @ Meas. Temp	2.9@76degf		
Rmf @ Meas. Temp	2.32@76degf		
Rmc @ Meas. Temp	4.64@76degf		
Source of Rmf / Rmc	Calculated		
Rm @ BHT	2.16@96degf		
Time Circulation Stopped	2:00 a.m.		
Time Logger on Bottom	7:00 a.m.		
Maximum Recorded Temperature	102 deg.f		
Equipment Number	T045		
Location	Hays, KS		
Recorded By	L. Smith		
Witnessed By	Mr. Bryan Bynog		

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Comments

Palco South on Ellis Blacktop, West on Redline, North on 370th, right on J road to location.

Thanks for using The Perforators,Hays, KS. 785-621-4604

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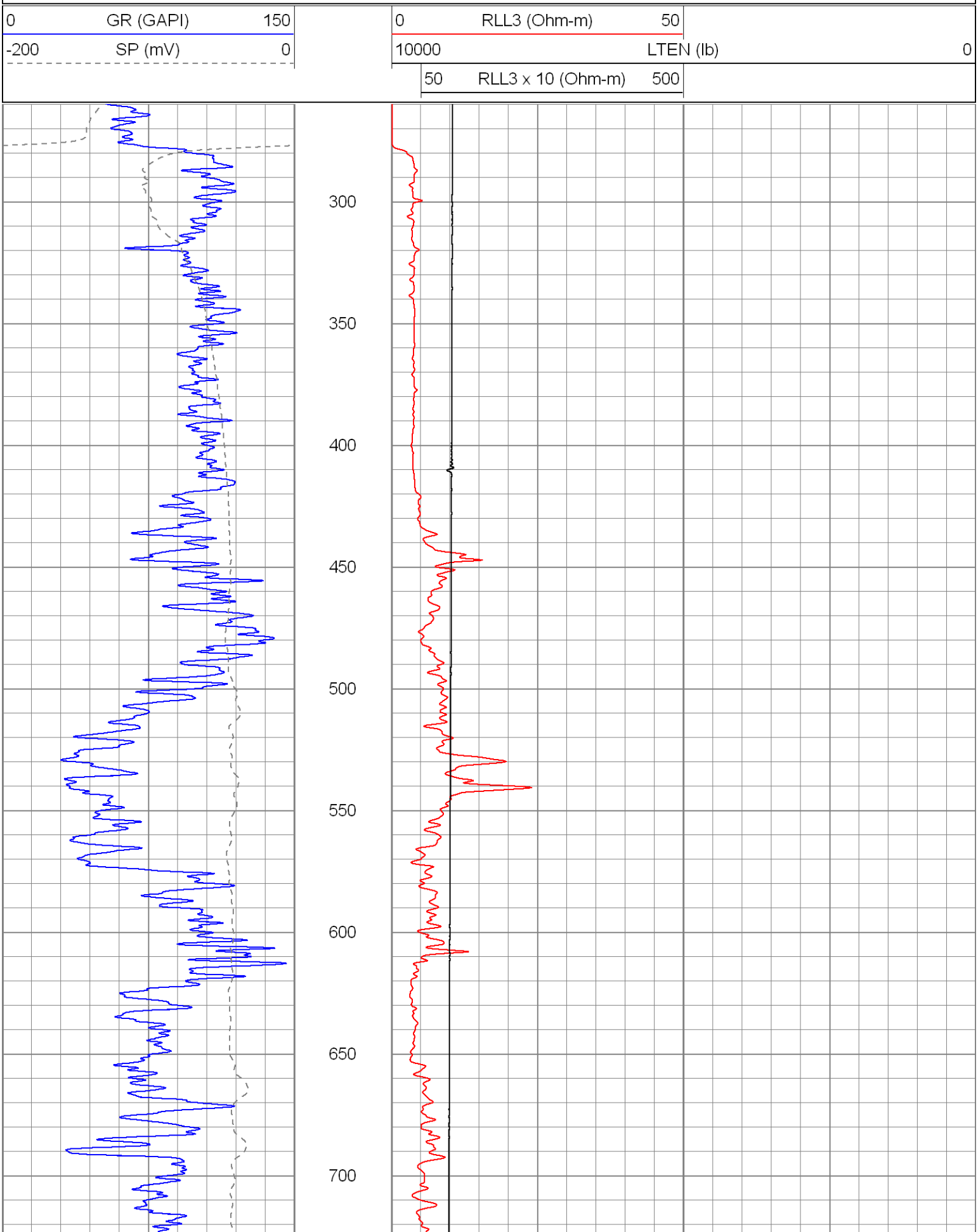
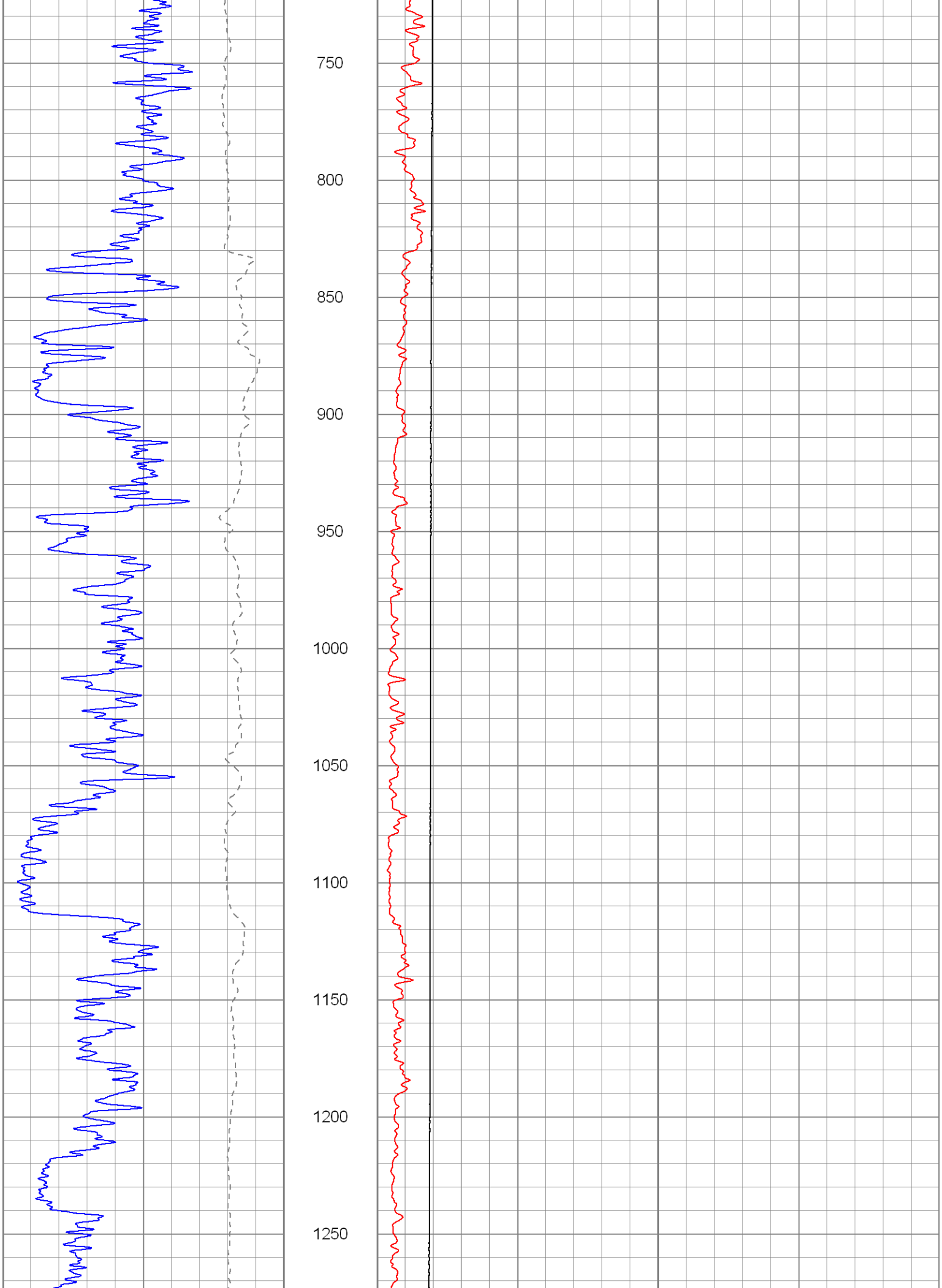
Main Pass

Database File:	berexcobenson9.db
Dataset Pathname:	pass3.1
Presentation Format:	krglin
Dataset Creation:	Thu Sep 09 08:26:54 2010 by Calc Open-Cased 090629
Charted by:	Depth in Feet scaled 1:600

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950
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1100
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1200
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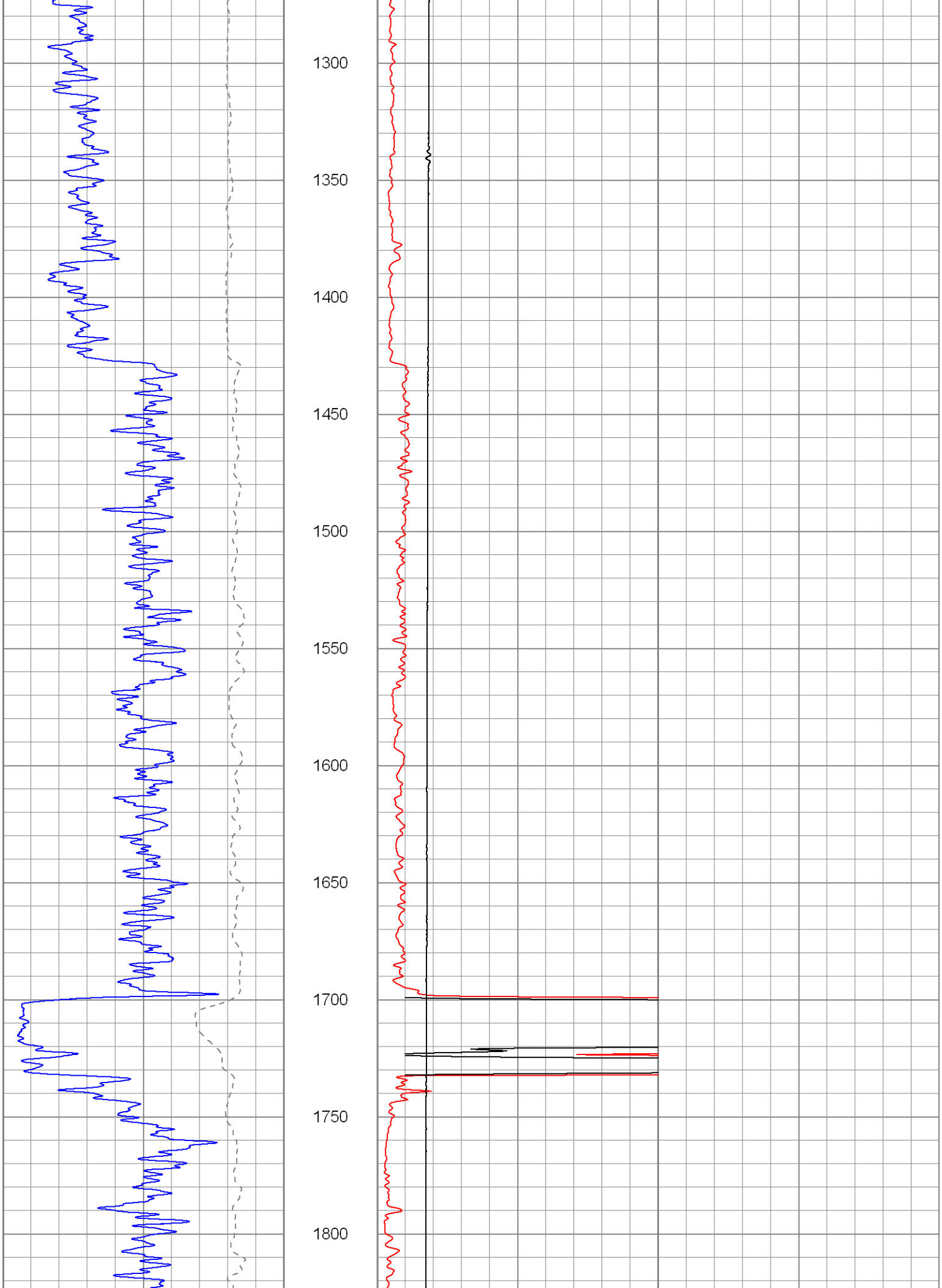
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1750
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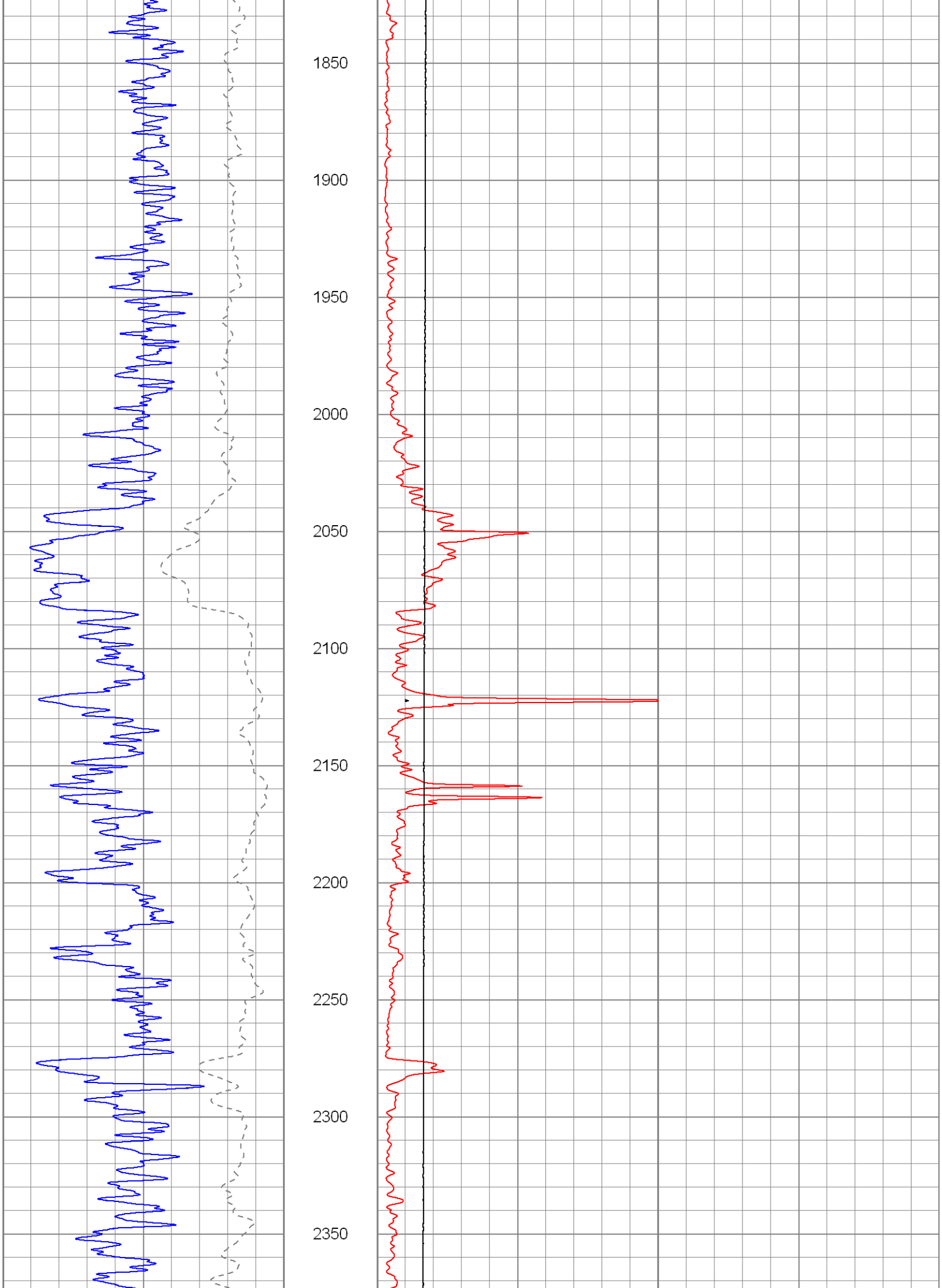
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2300
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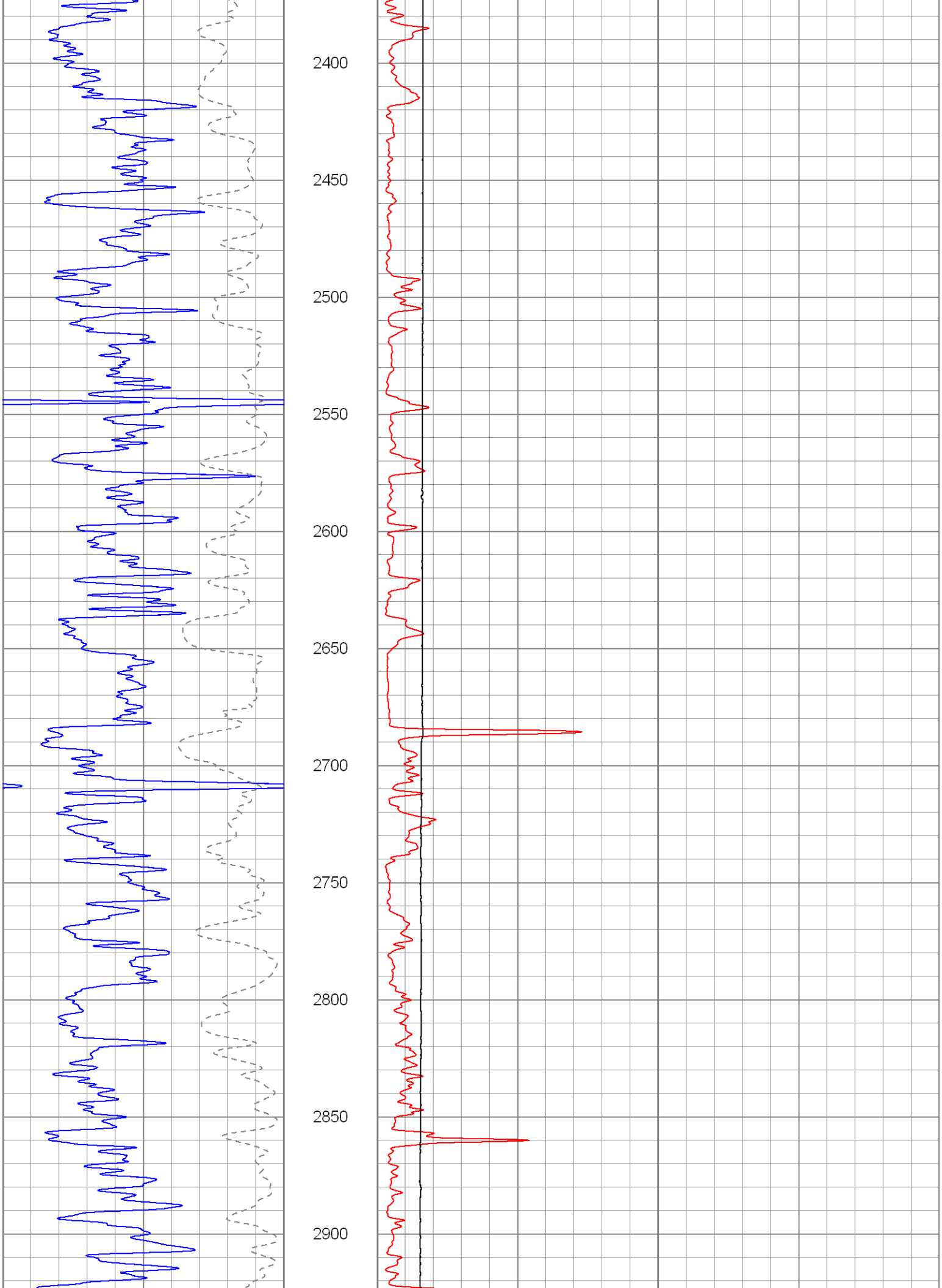
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2650
2700
2750
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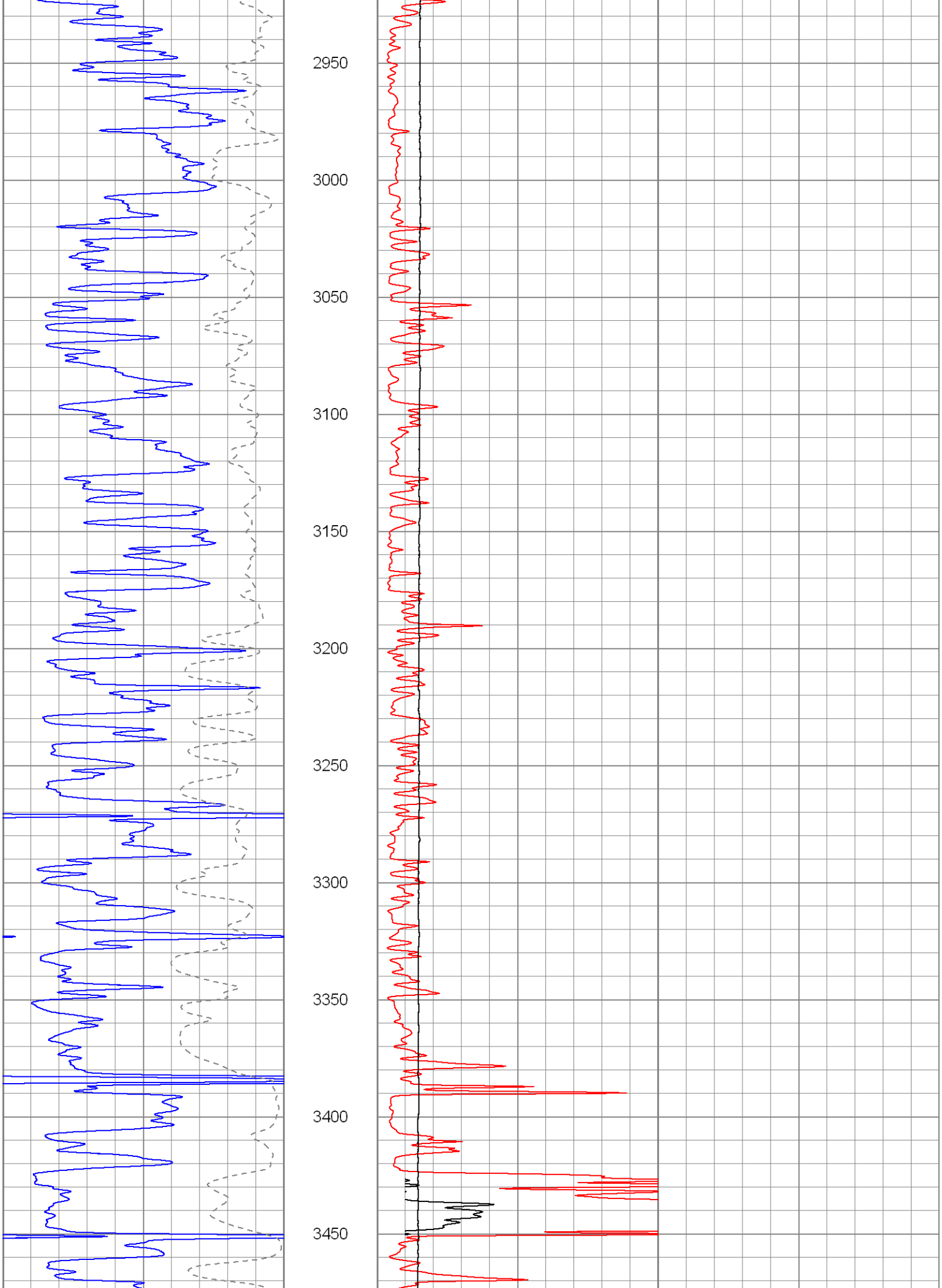
2850
2900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3100
3150
3200
3250
3300
3350
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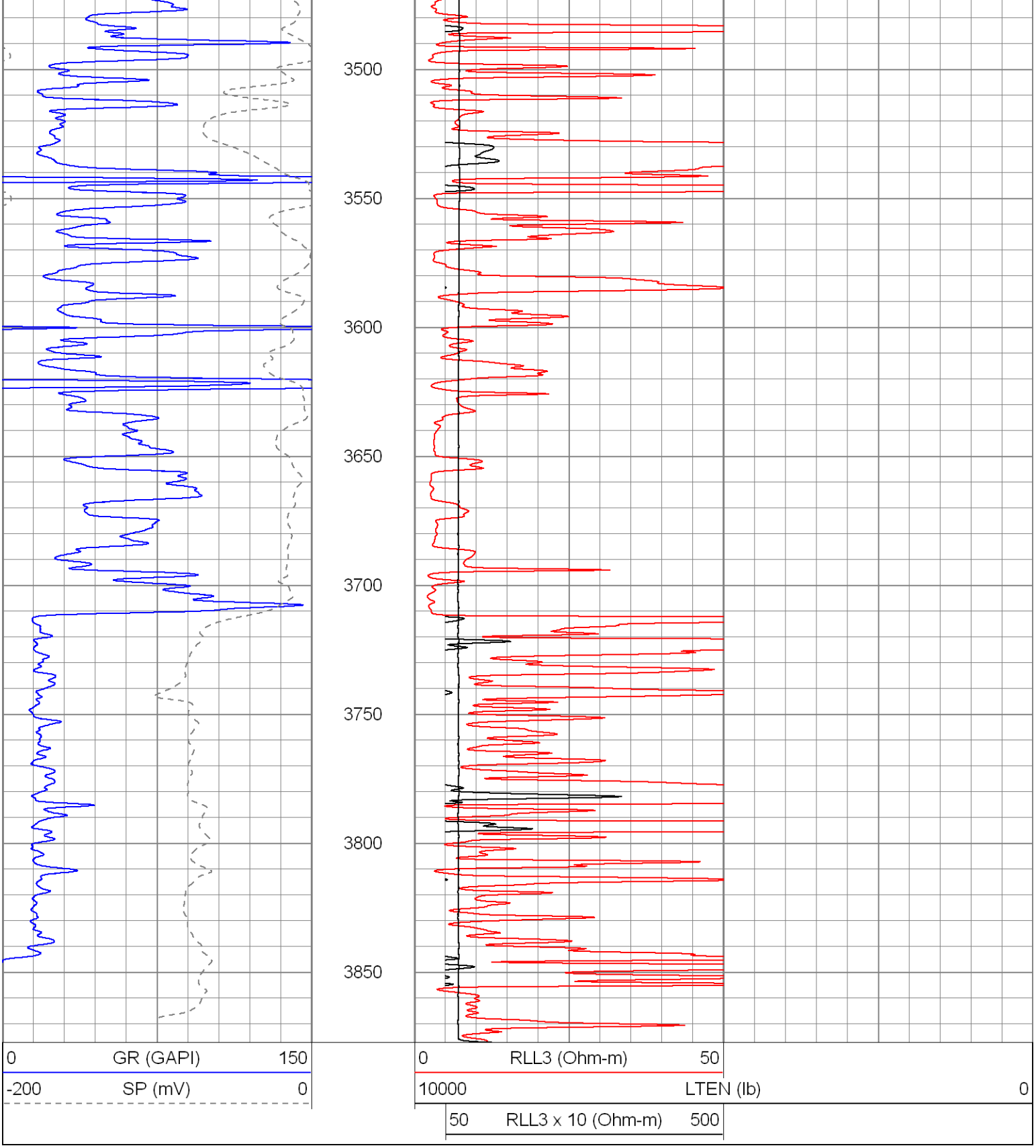
3450



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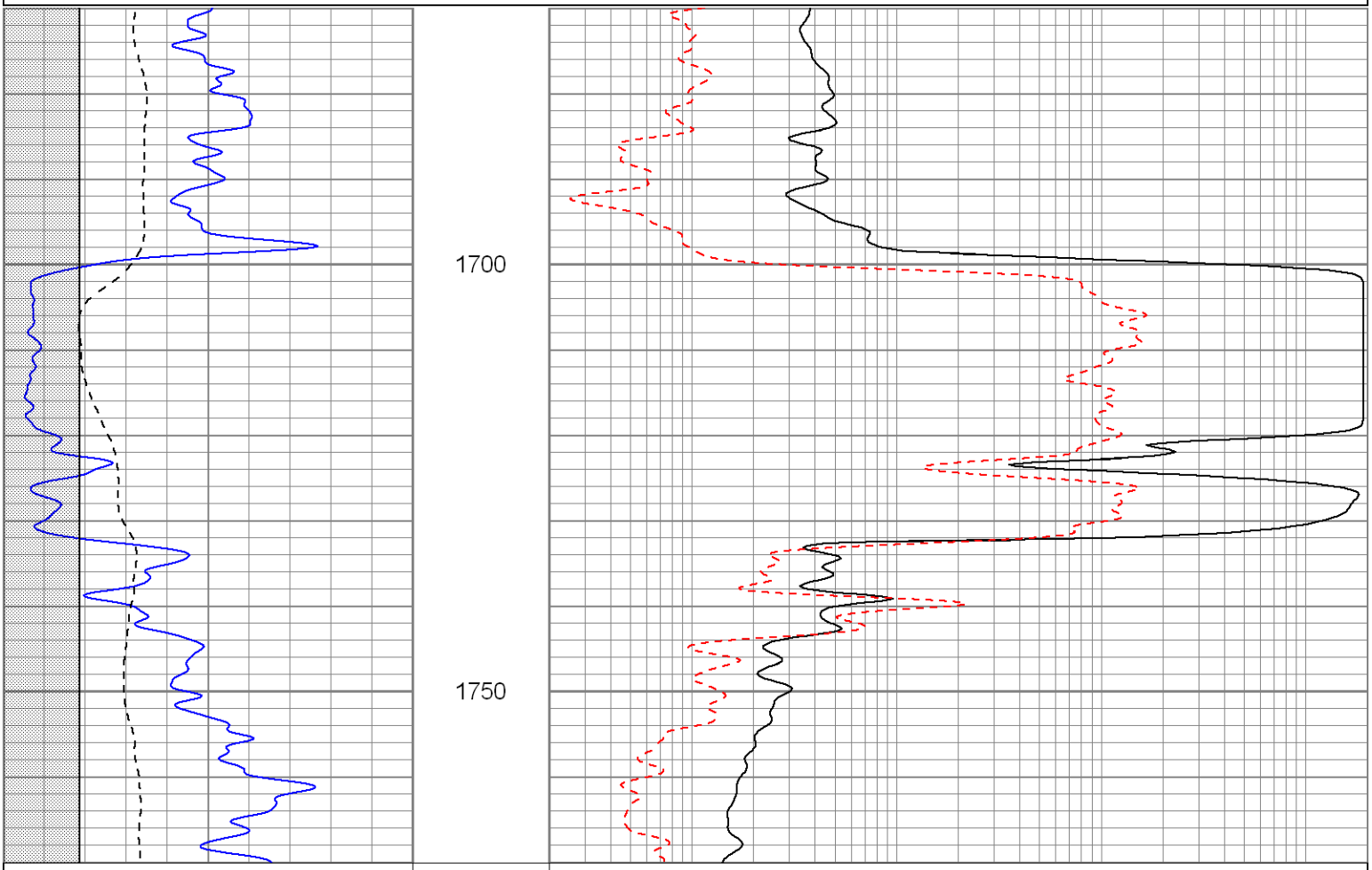
Main Pass

Database File:	berexcobenson9.db
Dataset Pathname:	pass3.1
Presentation Format:	krg
Dataset Creation:	Thu Sep 09 08:26:54 2010 by Calc Open-Cased 090629
Charted by:	Depth in Feet scaled 1:240

0	GR (GAPI)	150
-100	SP (mV)	100
6	DCAL (in)	16
6	BOREID (in)	16

0.2	RLL3 (Ohm-m)	2000
100	NEU (NAPI)	950



0	GR (GAPI)	150
-100	SP (mV)	100
6	DCAL (in)	16
6	BOREID (in)	16

0.2	RLL3 (Ohm-m)	2000
100	NEU (NAPI)	950

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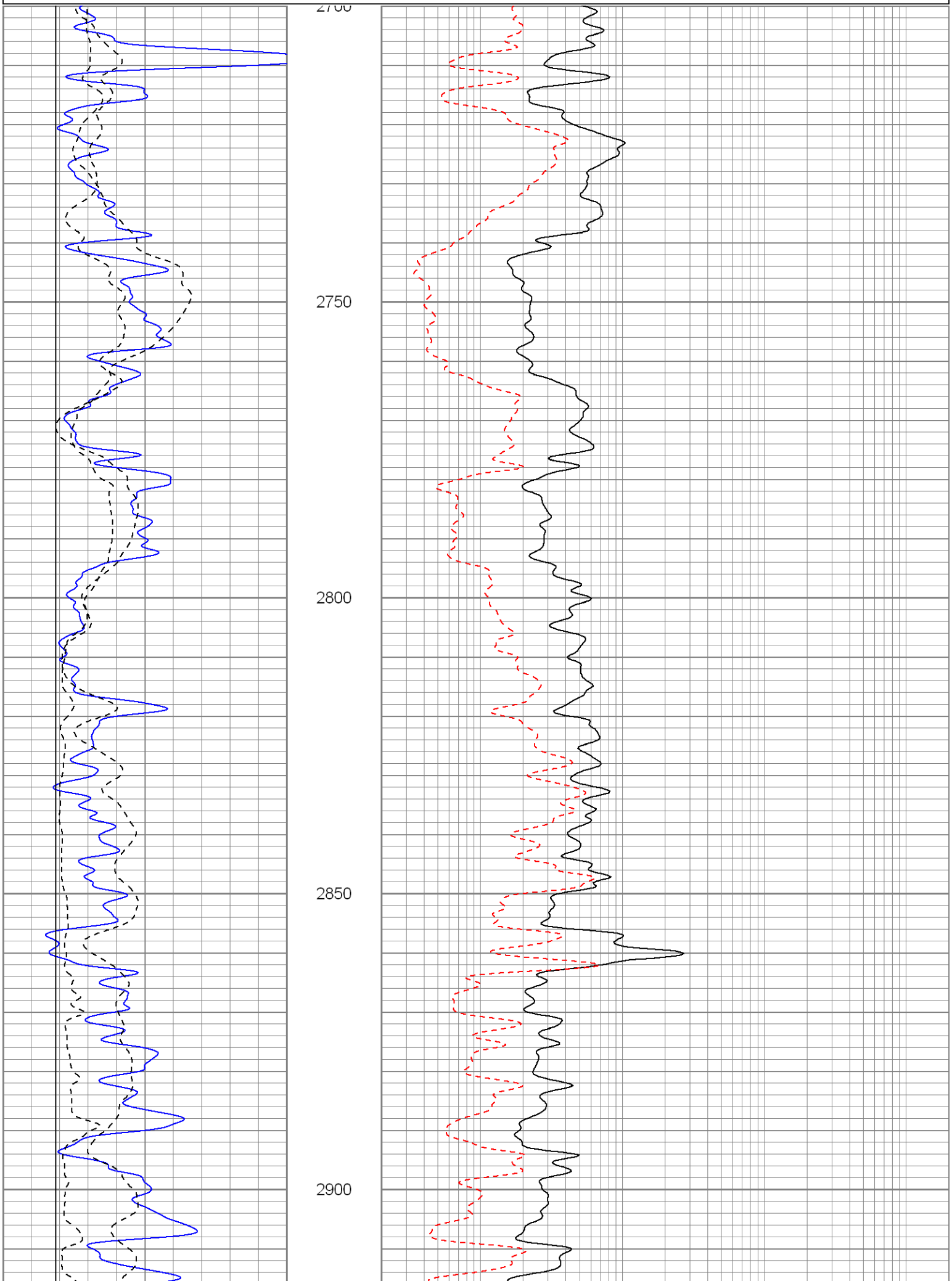
Main Pass

Database File:	berexcobenson9.db
Dataset Pathname:	pass3.1
Presentation Format:	krg
Dataset Creation:	Thu Sep 09 08:26:54 2010 by Calc Open-Cased 090629
Charted by:	Depth in Feet scaled 1:240

0	GR (GAPI)	150
-100	SP (mV)	100
6	DCAL (in)	16
6	BOREID (in)	16

0.2	RLL3 (Ohm-m)	2000
100	NEU (NAPI)	950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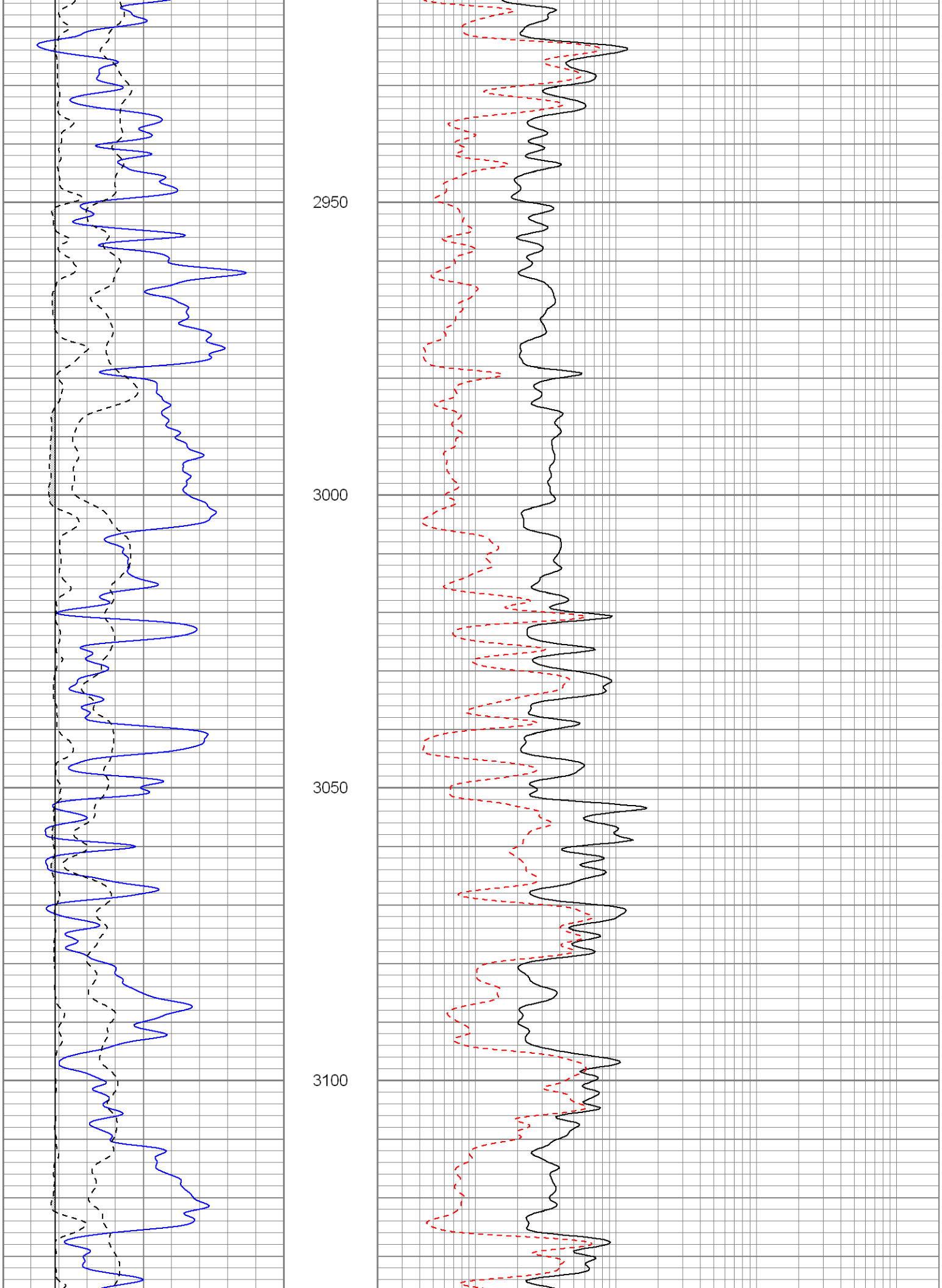
2750
2800
2850
2900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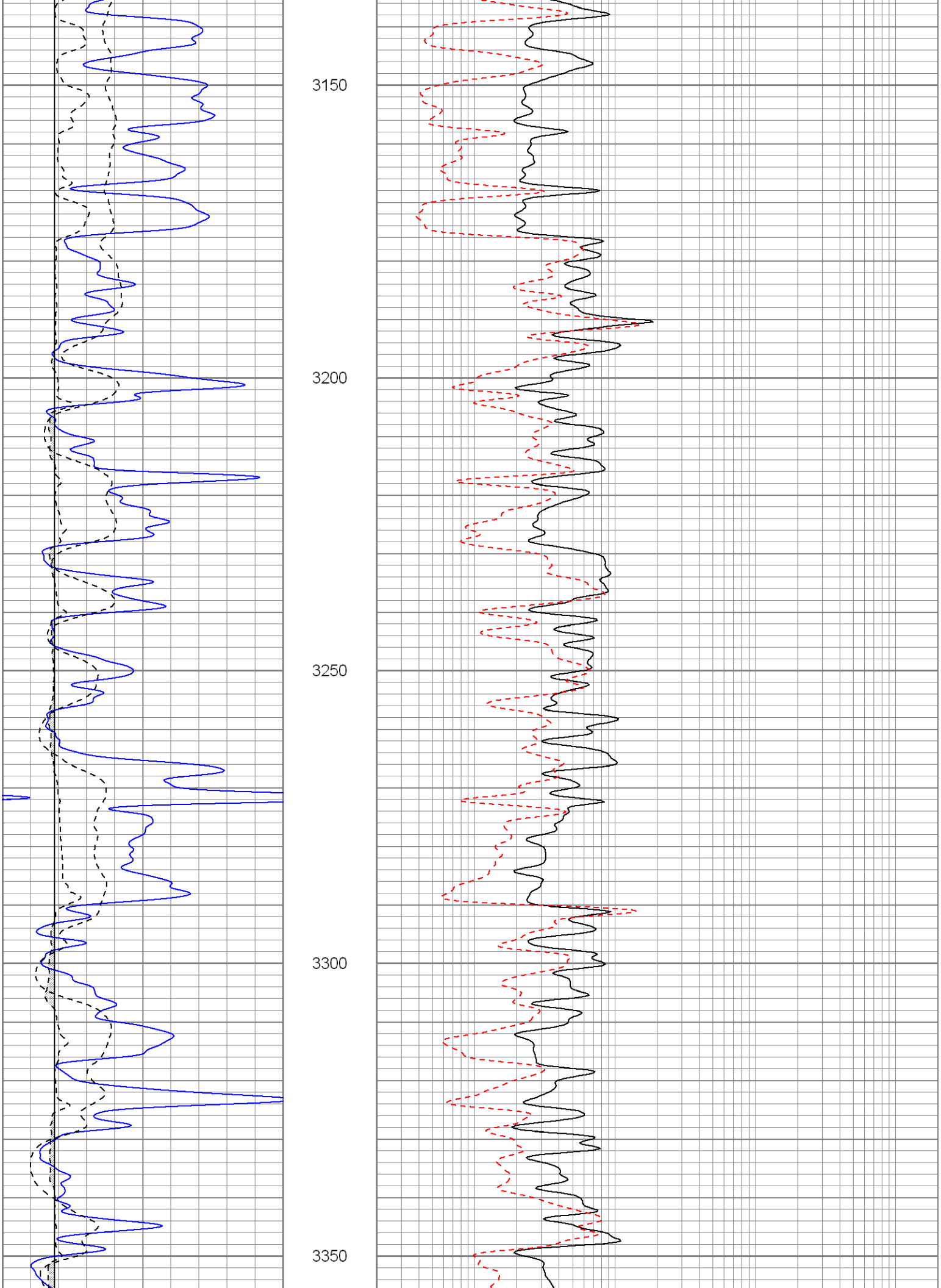
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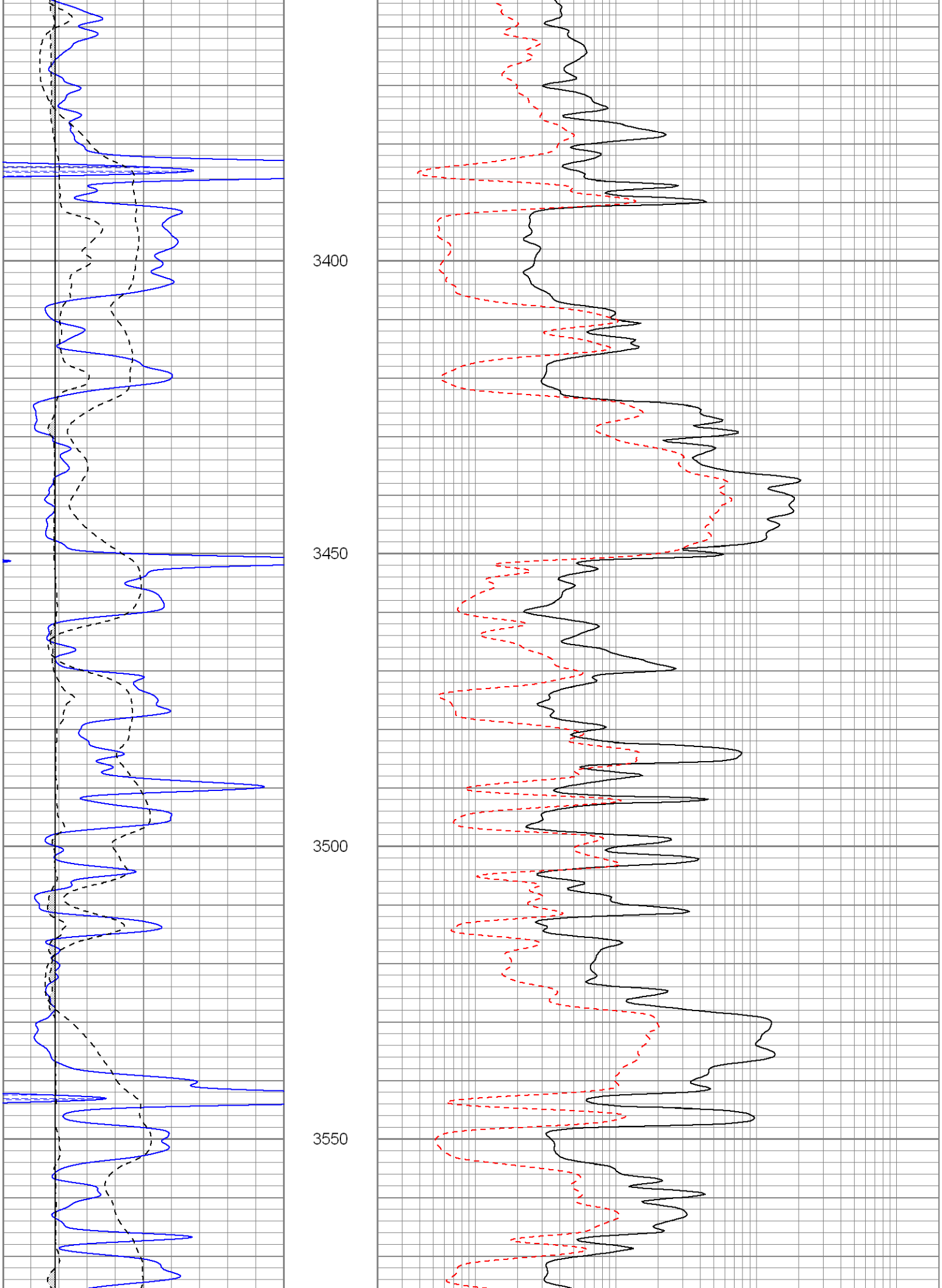
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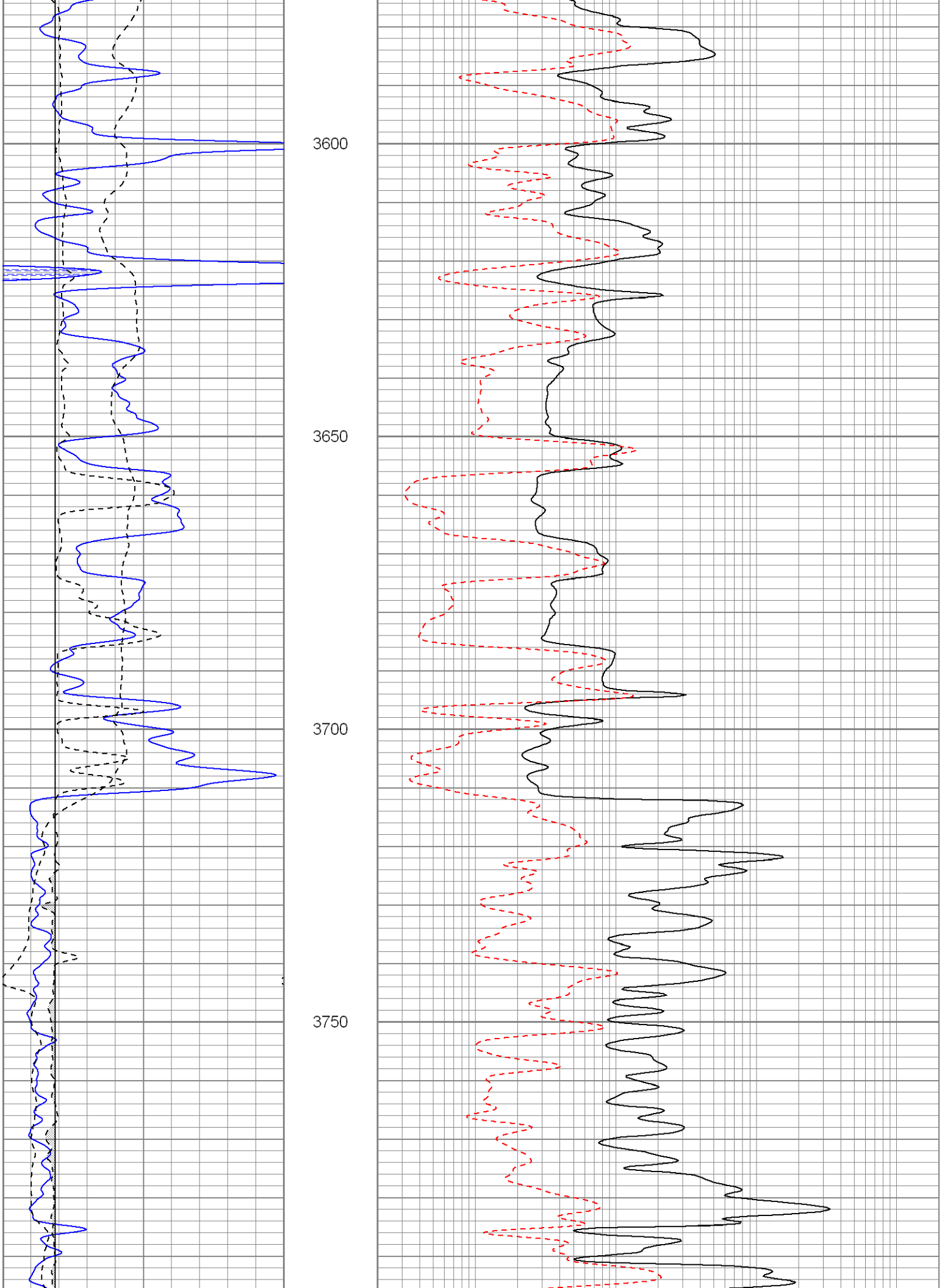
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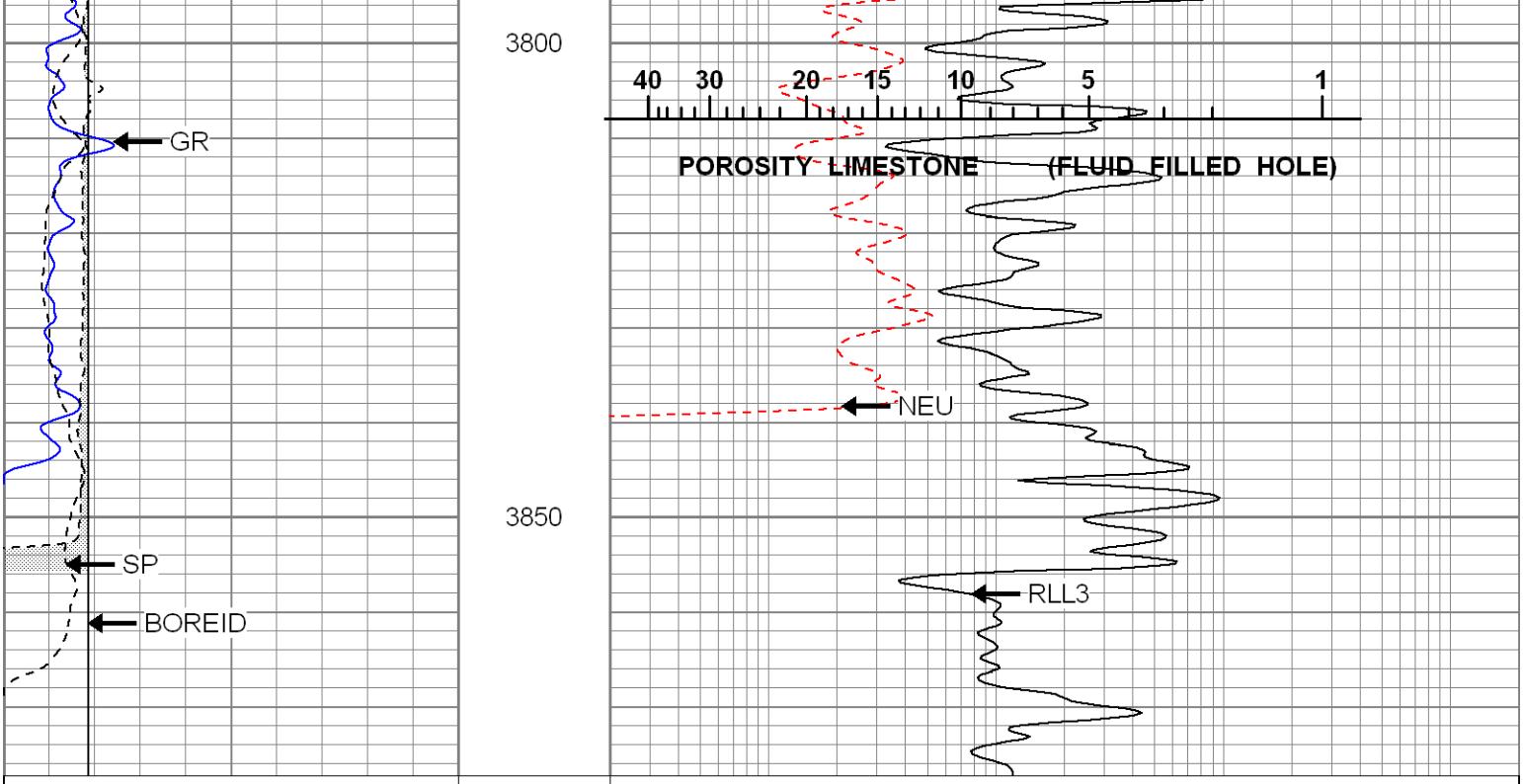

0	GR (GAPI)	150
-100	SP (mV)	100
6	DCAL (in)	16
6	BOREID (in)	16

0.2	RLL3 (Ohm-m)	2000
100	NEU (NAPI)	950

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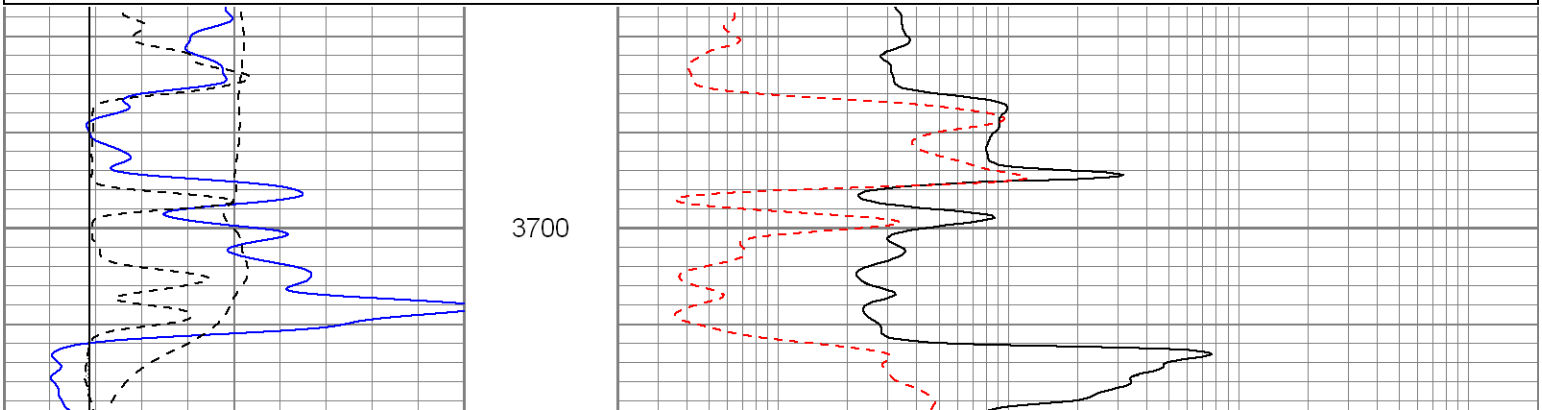
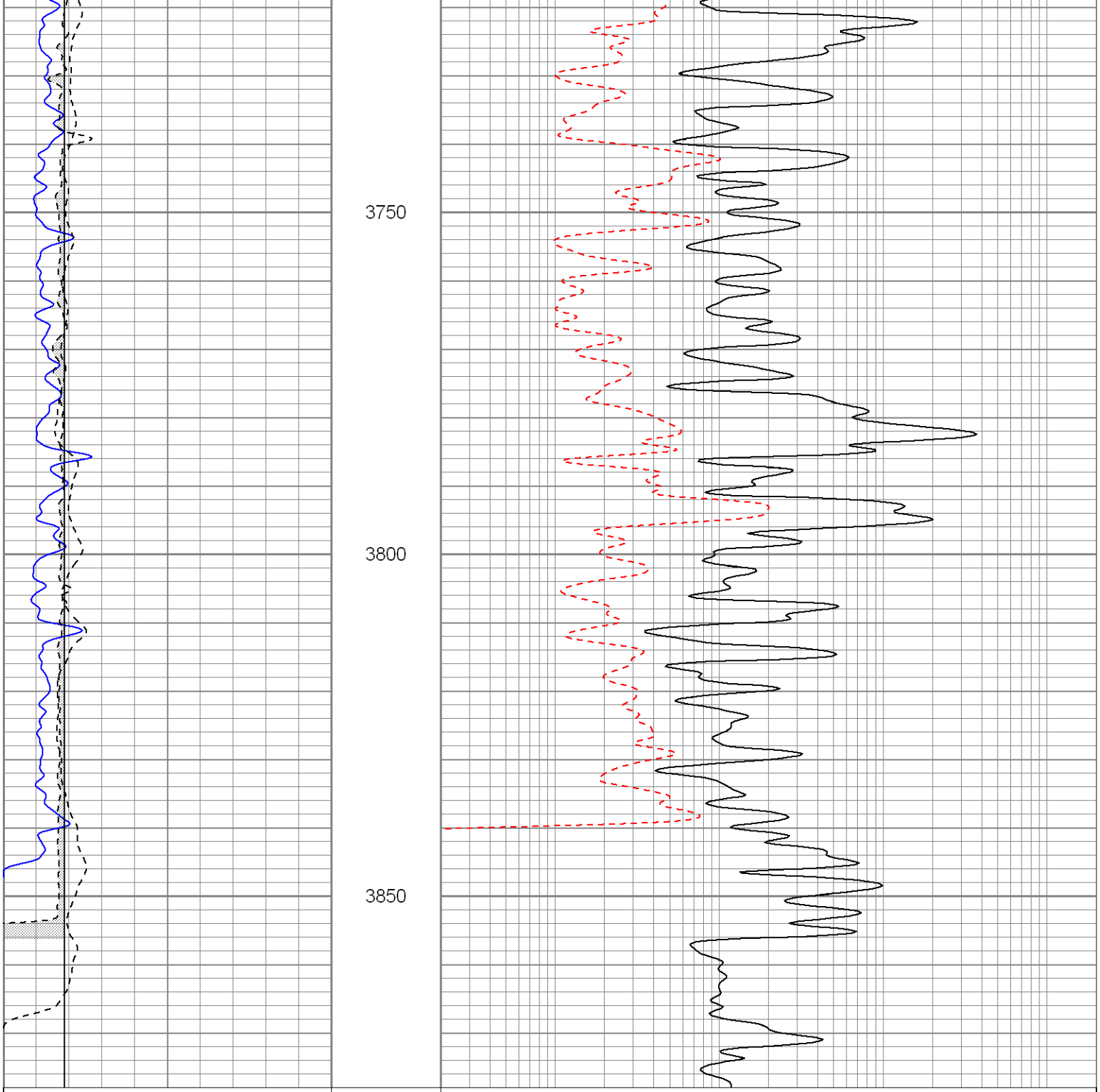
Repeat Section

Database File:	berexcobenson9.db
Dataset Pathname:	pass1.1
Presentation Format:	krg
Dataset Creation:	Thu Sep 09 07:47:26 2010 by Calc Open-Cased 090629
Charted by:	Depth in Feet scaled 1:240

0	GR (GAPI)	150
-100	SP (mV)	100
6	DCAL (in)	16
6	BOREID (in)	16

0.2	RLL3 (Ohm-m)	2000
100	NEU (NAPI)	950





Calibration Report

Database File: berexcobenson9.db
Dataset Pathname: pass1
Dataset Creation: Thu Sep 09 06:48:34 2010 by Log Open-Cased 090629

Dual Induction Calibration Report

Serial-Model:	080522-Probe
Surface Cal Performed:	Tue Sep 07 08:38:33 2010

Downhole Cal Performed:	Tue Sep 07 08:39:03 2010
After Survey Verification Performed:	Sat Jul 10 19:03:34 2010

Surface Calibration

	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.000	0.639	V	0.000	400.000	mmho/m	626.809	-0.302
Medium	0.002	0.740	V	0.000	464.000	mmho/m	628.352	-1.181
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.000	0.640	V	0.000	400.000	mmho/m	625.708	-0.145
Medium	0.001	0.741	V	0.000	464.000	mmho/m	627.289	-0.877

Downhole Calibration

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.218	400.849	mmho/m	-0.157	400.547	mmho/m	1.000	-0.375
Medium	0.077	464.541	mmho/m	-0.303	464.483	mmho/m	1.001	-0.380
LL3		7.321	V		750.000	Ohm-m		
		0.002	V		12.000	Ohm-m		
		-7.308	V		3745.000	mmho-m		

Compensated Density Calibration Report

Serial-Model:	2501DHT-DHT
Source / Verifier:	/
Master Calibration Performed:	Thu Sep 02 16:37:06 2010

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.710	g/cc	765.56	301.40	cps
Aluminum	2.590	g/cc	172.00	211.00	cps

Spine Angle = 76.57 Density/Spine Ratio = 0.573

	Size		Reading
Small Ring	7.70	in	6196.63
Large Ring	14.00	in	10494.70

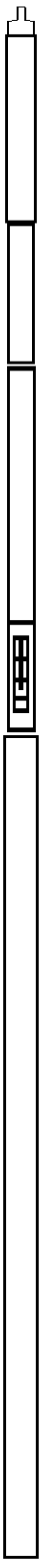
Gamma Ray Calibration Report

Serial Number:	2000	
Tool Model:	P2000	
Performed:	Tue Sep 07 08:37:43 2010	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.2200	GAPI/cps

Neutron Calibration Report

Serial Number:	5108	
Tool Model:	PROBE	
Performed:	Mon Sep 06 13:37:25 2010	
Calibrator Value:	1	NAPI

Calibrator Reading:	1	cps
Sensitivity:	1	NAPI/cps

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			None	0.75	1.50	5.00
NEU	37.96		NEU-PROBE (5108) Probe	4.92	3.63	85.00
GR	32.57		GR-P2000 (2000)	3.67	3.25	40.00
			CDL-DHT (2501DHT) Digital High Temp CDL Tool	9.69	4.00	201.00
LSD	23.78					
DCAL	23.49					
SSD	23.24					
HEADVOLT	21.47					
CILD	10.60		DIL-Probe (080522) Probe Dual Induction	21.47	4.00	345.00
SP	10.60					
CILM	6.89					
RLL3	1.70					

Dataset:	berexcobenson9.db: field/well/run1/pass1
Total Length:	40.49 ft
Total Weight:	676.00 lb
O.D.	4.00 in