DUAL INDUCTION LOG

Company Stewart Producers, Inc
Well Dinges Trust #1
Field Wildcat
County Ness State Kansas

Company	Stewart Producers, Inc
Well	Dinges Trust #1
Field	Wildcat
County	Ness
State	Kansas

Location: API # : 15 135 25941-00-00
1640' FSL & 335' FWL
SEC 13 TWP 18S RGE 25W

Other Services
CDNL
ML
BCS

Elevation
K.B. 2377'
D.F. 2376'
G.L. 2372'

Permanent Datum Ground Level Elevation 2372'
Log Measured From KB 5' AGL
Drilling Measured From KB

Date	2-24-2017		
Run Number	One		
Depth Driller	4440'		
Depth Logger	4440'		
Bottom Logged Interval	4438'		
Top Log Interval	200		
Casing Driller	208'		
Casing Logger	208'		
Bit Size	7 7/8"		
Type Fluid in Hole	Chemical		
Density / Viscosity	9.2/58		
pH / Fluid Loss	11/7.8		
Source of Sample	Calculated		
Rm @ Meas. Temp	1.9@58degf		
Rmf @ Meas. Temp	1.43@58degf		
Rmc @ Meas. Temp	2.8@58degf		
Source of Rmf / Rmc	Calculated		
Rm @ BHT	0.96@115degf		
Time Circulation Stopped	3:15 a.m.		
Time Logger on Bottom	5:10 a.m		
Maximum Recorded Temperature	115degf		
Equipment Number	T-729		
Location	Hays, KS		
Recorded By	C. Patterson		
Witnessed By	Mr. Dave Goldak	Mr. Robert Stewart	Mr. Mark Thompson

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Comments

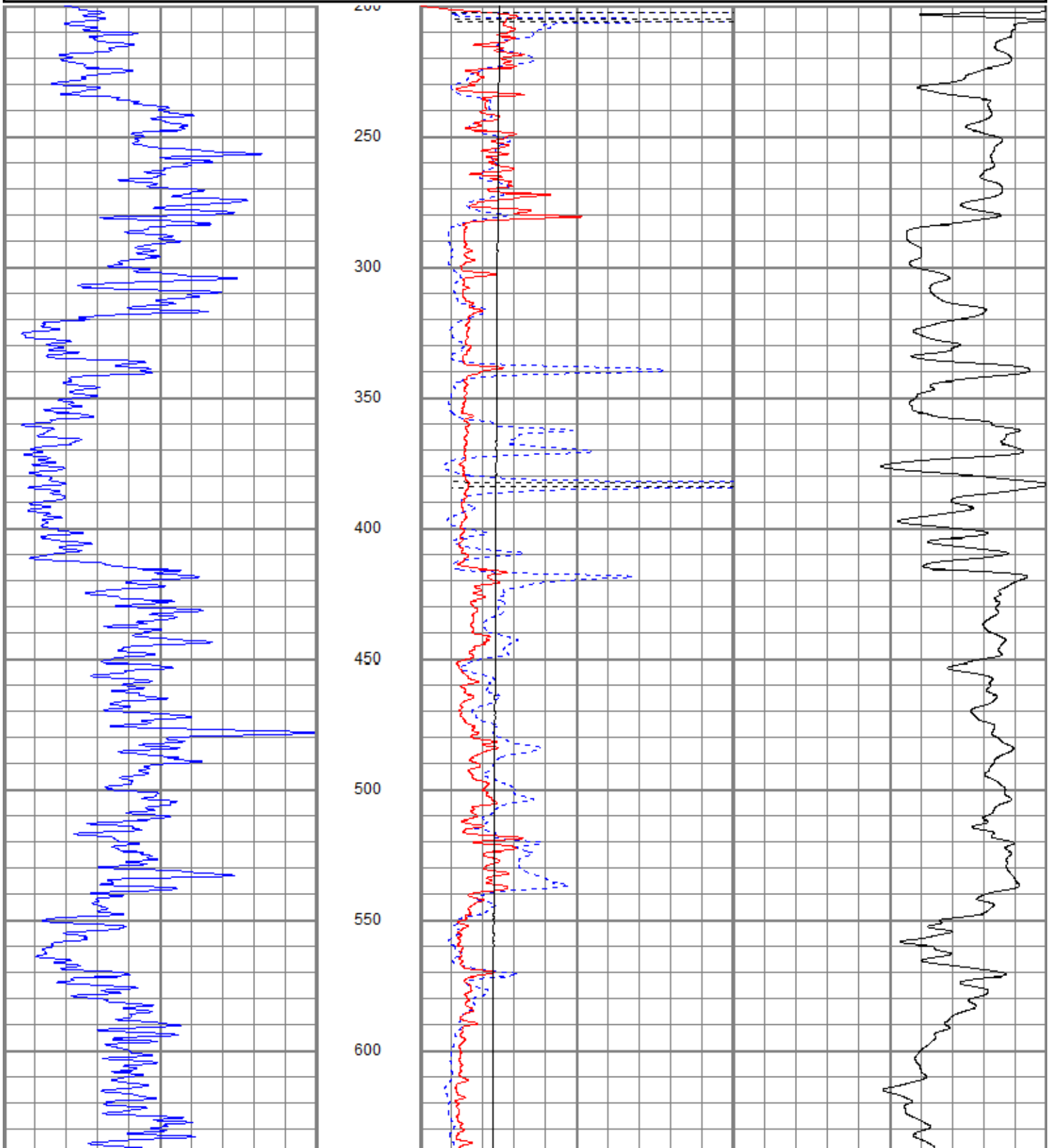
West of Ness City to L Rd.,
Then 2mi. North, West into

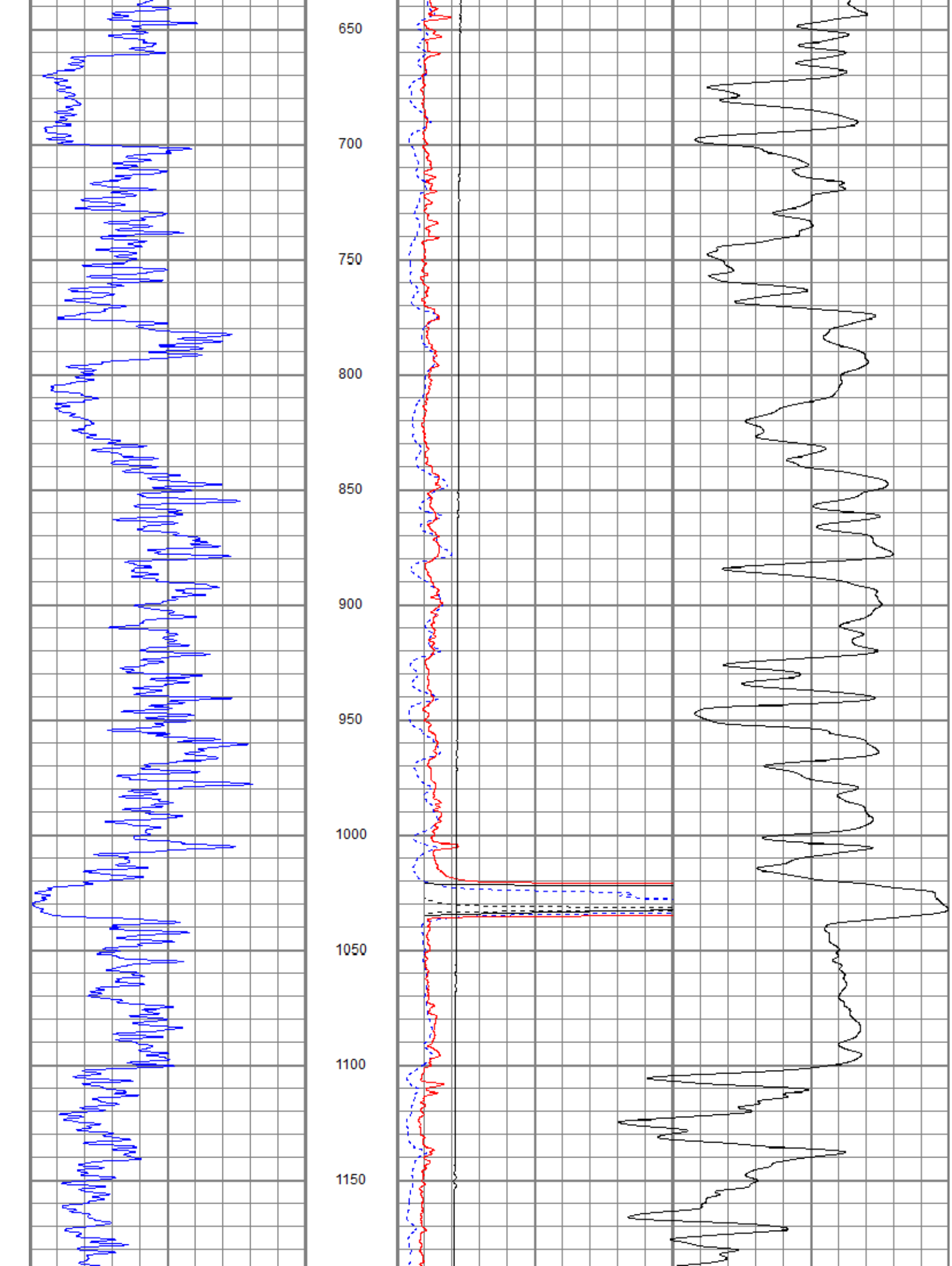
Thanks for using Gemini Wireline LLC
785-625-1182

Main Pass

Database File	spdingestrust1oh.db
Dataset Pathname	pass2.1
Presentation Format	kdillinn
Dataset Creation	Fri Feb 24 08:32:12 2017
Charted by	Depth in Feet scaled 1:600

0	GR (GAPI)	150
1000	CILD (mmho/m)	0
10000	LTEN (lb)	0
0	RILD (Ohm-m)	50
0	RLL3 (Ohm-m)	50
50	RILD x 10 (Ohm-m)	500
50	RLL3 x 10 (Ohm-m)	500

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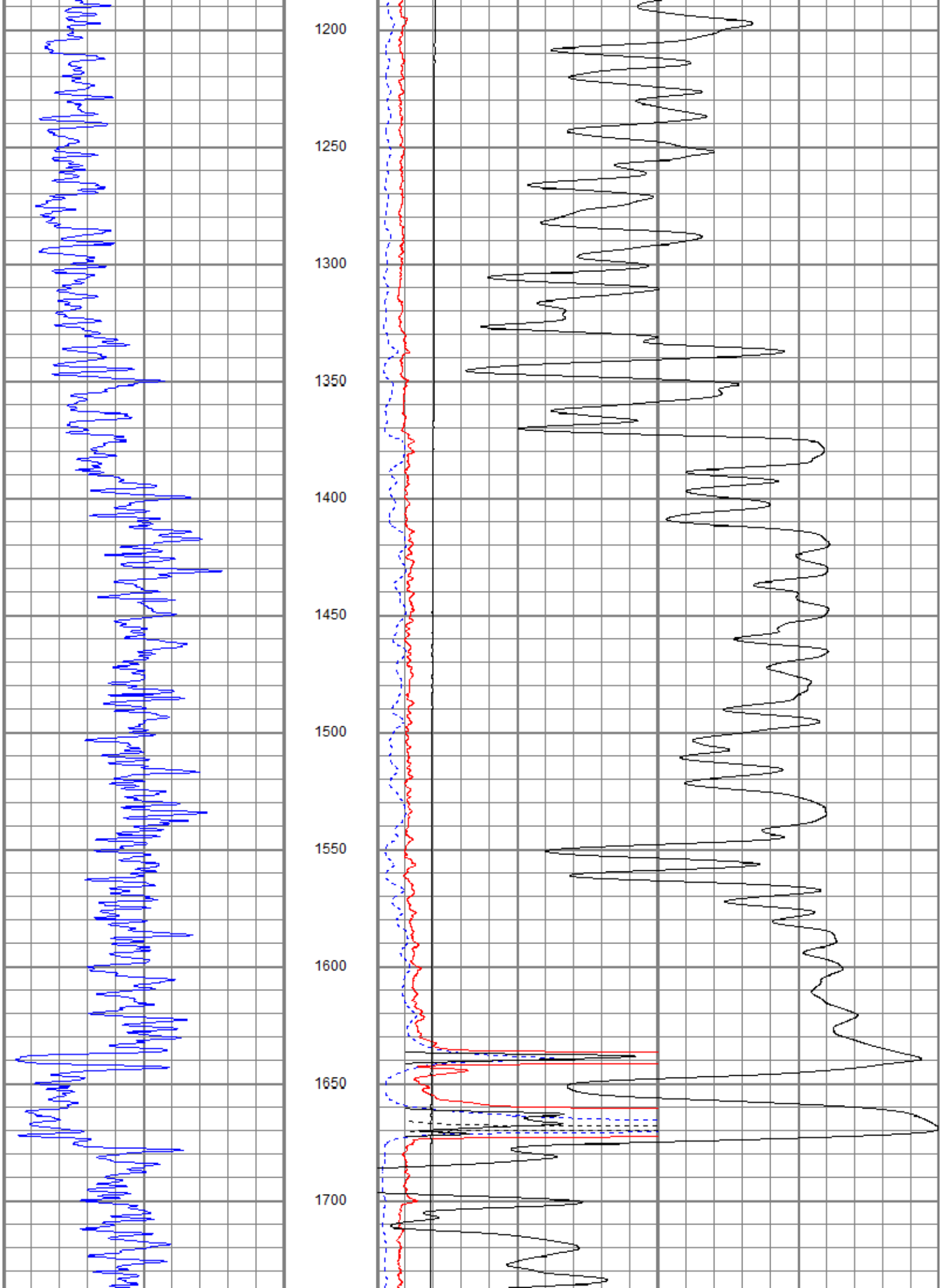
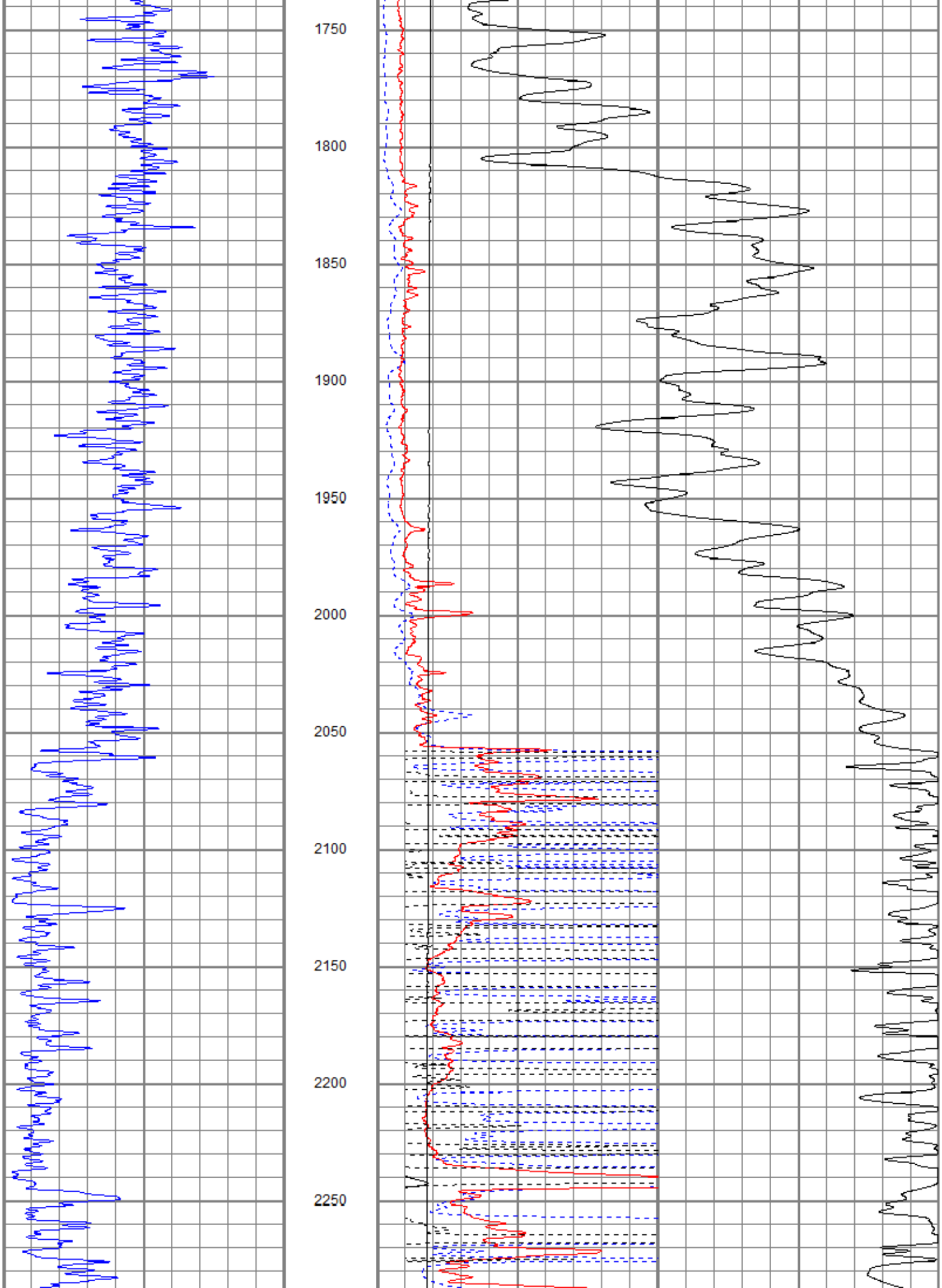
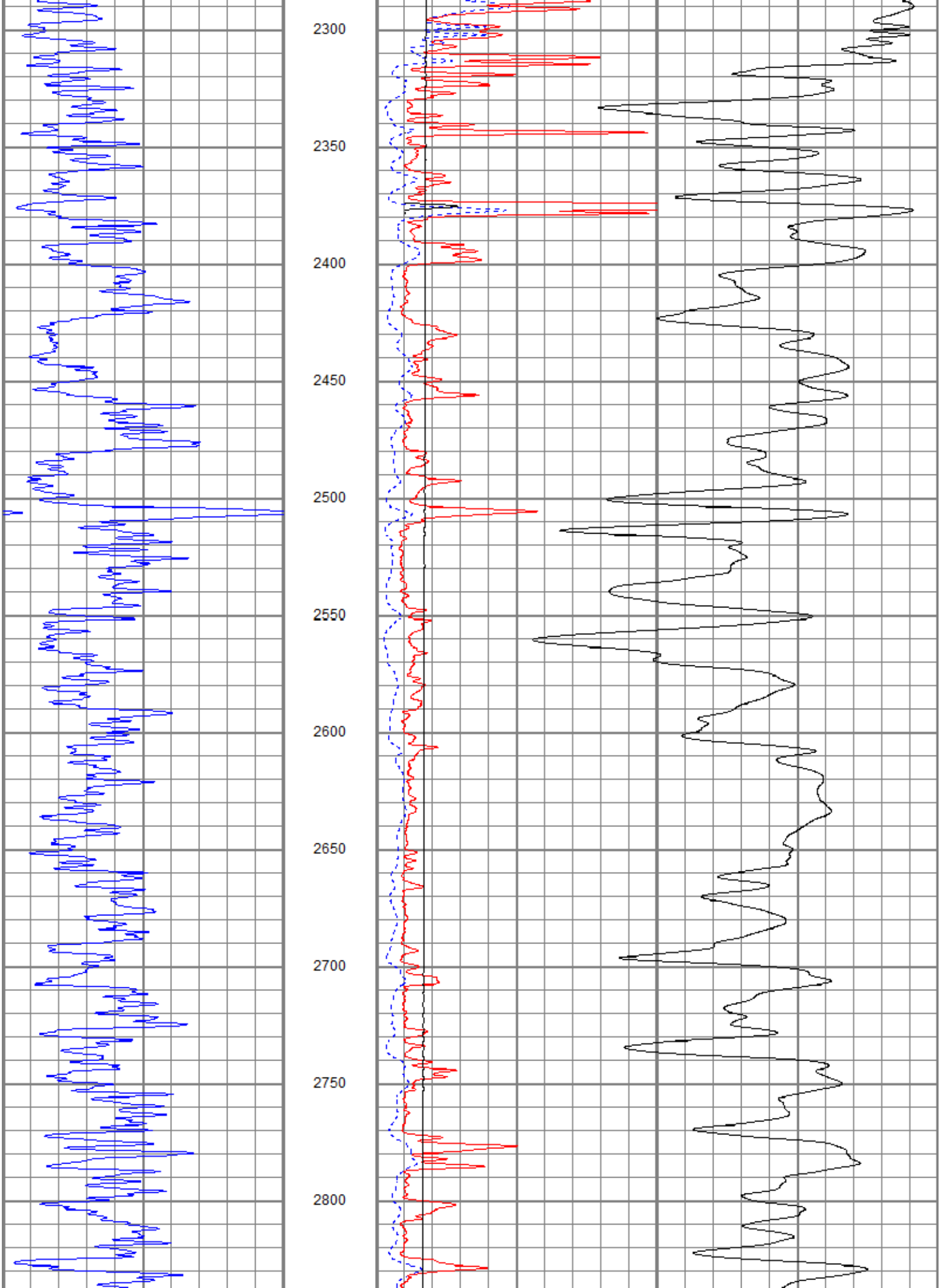
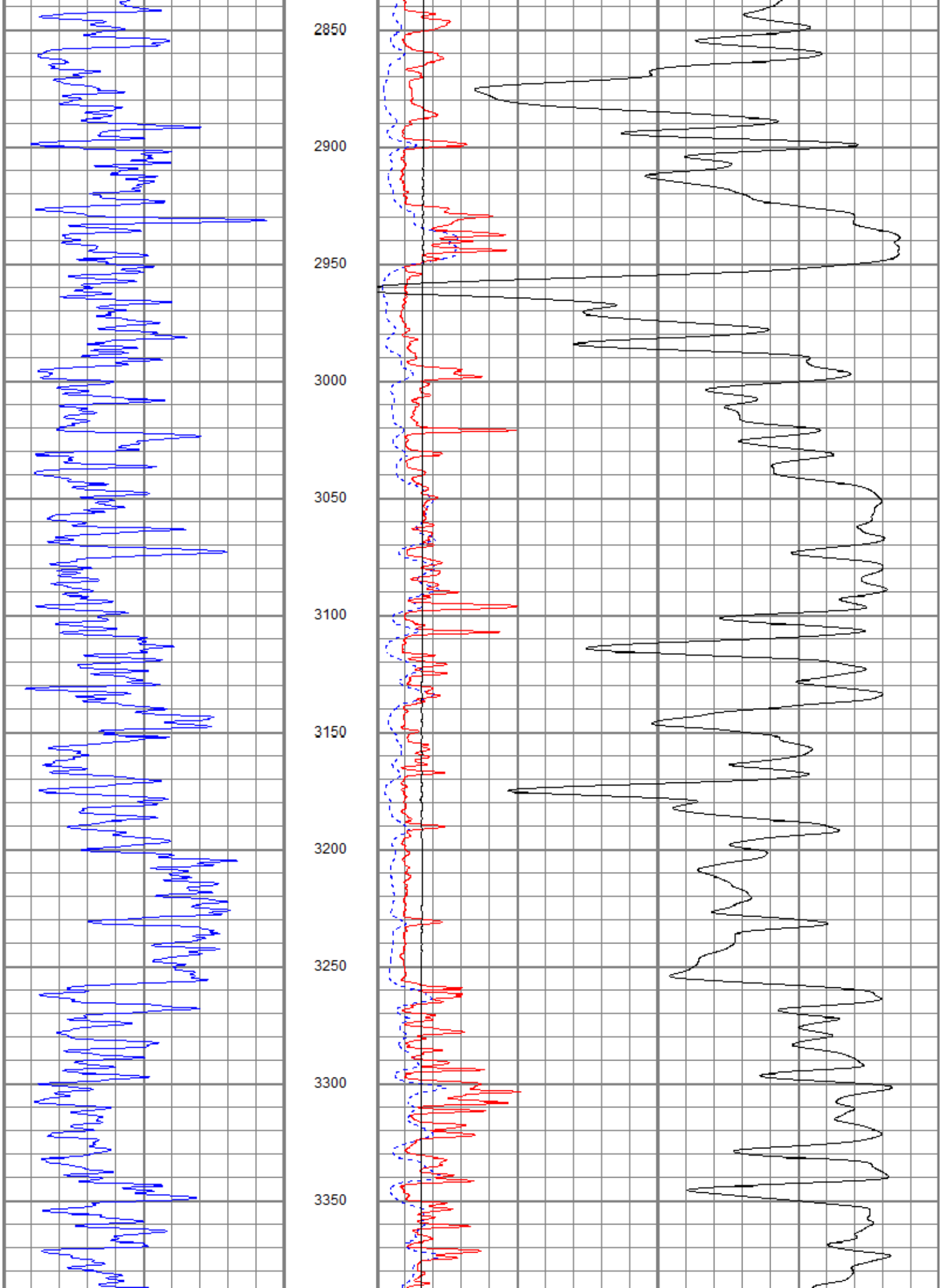
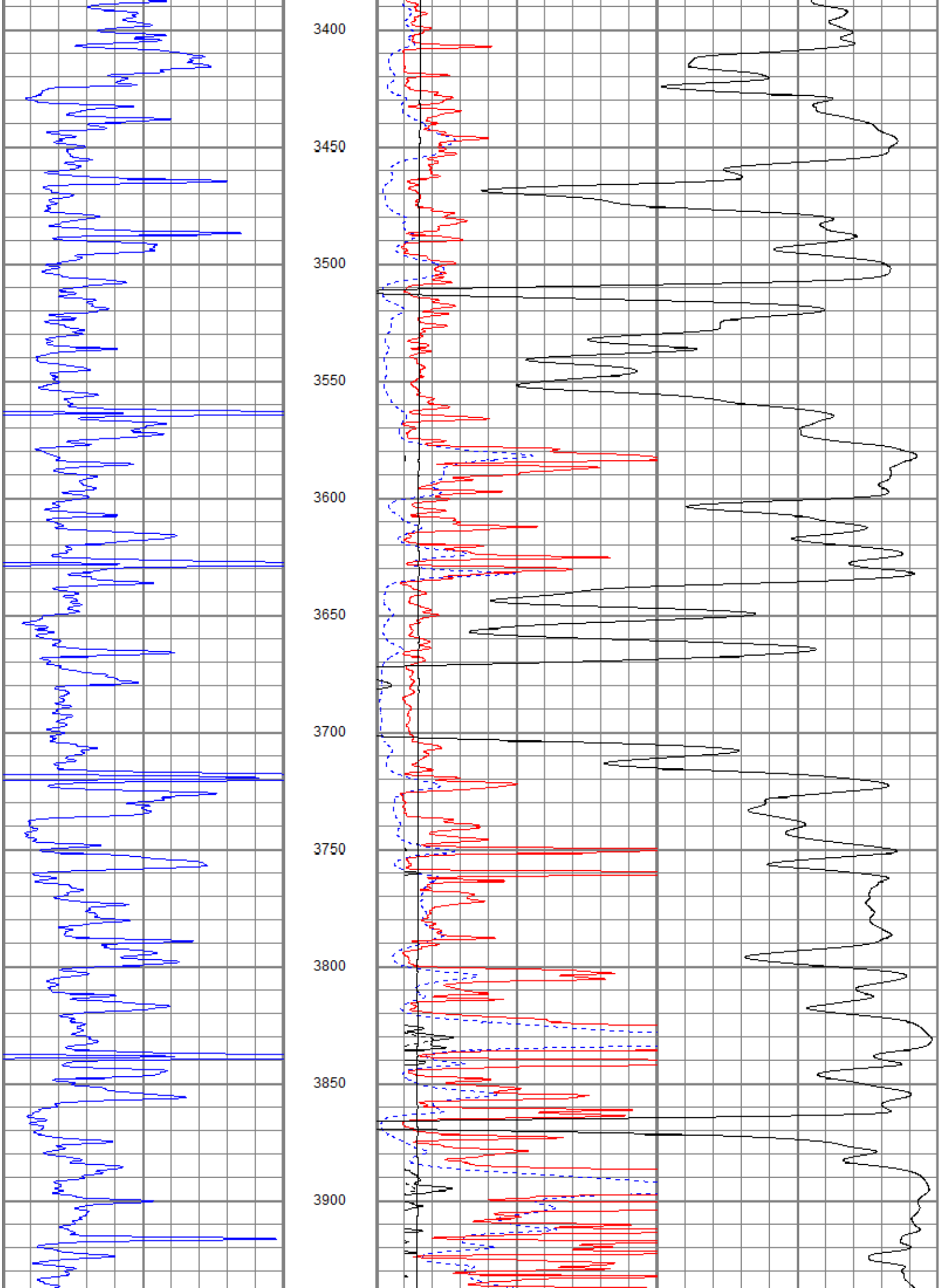
700
750
800
850
900
950
1000
1050
1100
1150


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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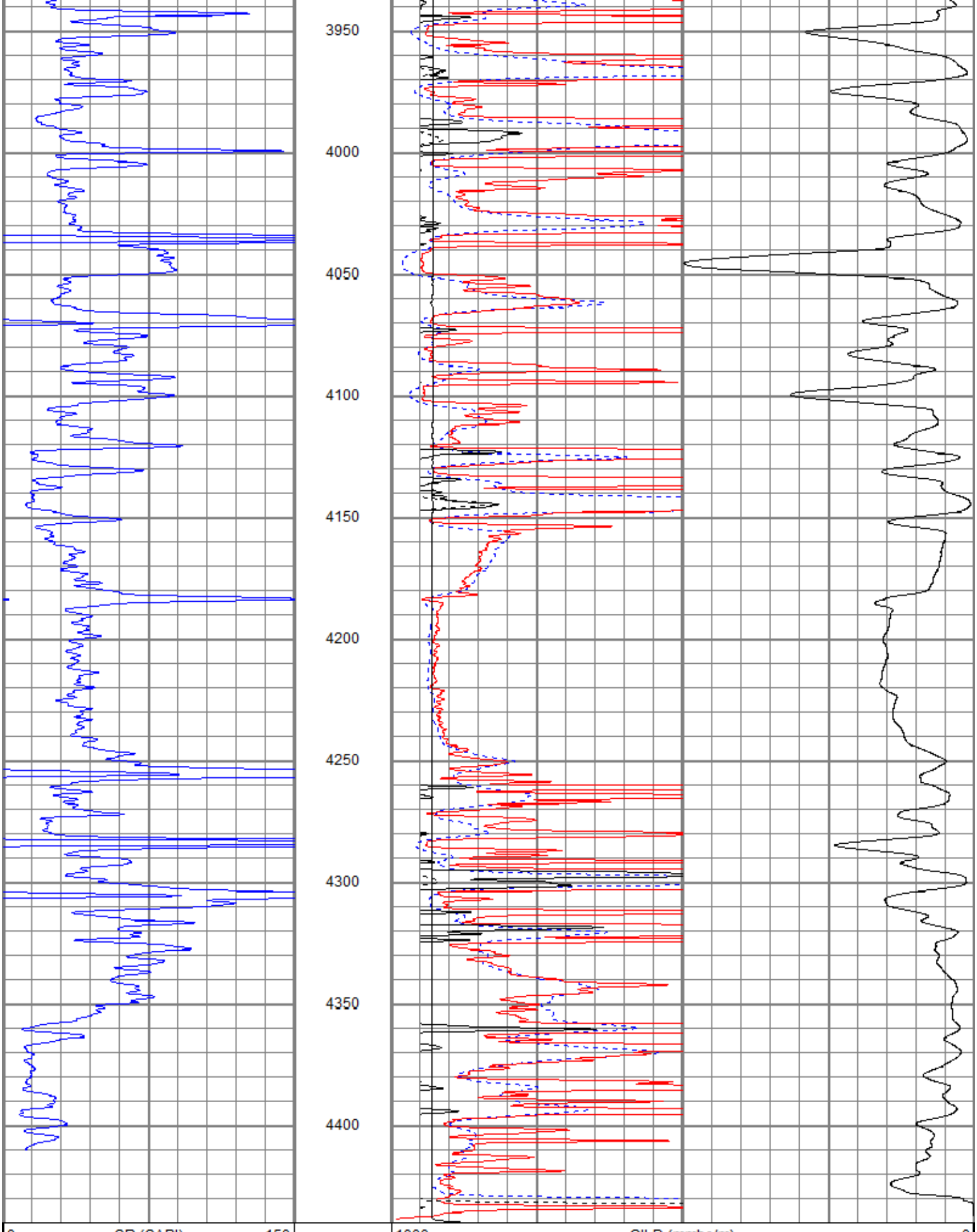
3500
3550
3600
3650
3700
3750
3800
3850
3900


3950
4000
4050
4100
4150
4200
4250
4300
4350
4400
0
GR (GAPI)
150
1000
CILD (mmho/m)
0
10000
LTEN (lb)
0
0
RILD (Ohm-m)
50
0
RLL3 (Ohm-m)
50
50
RILD x 10 (Ohm-m)
500

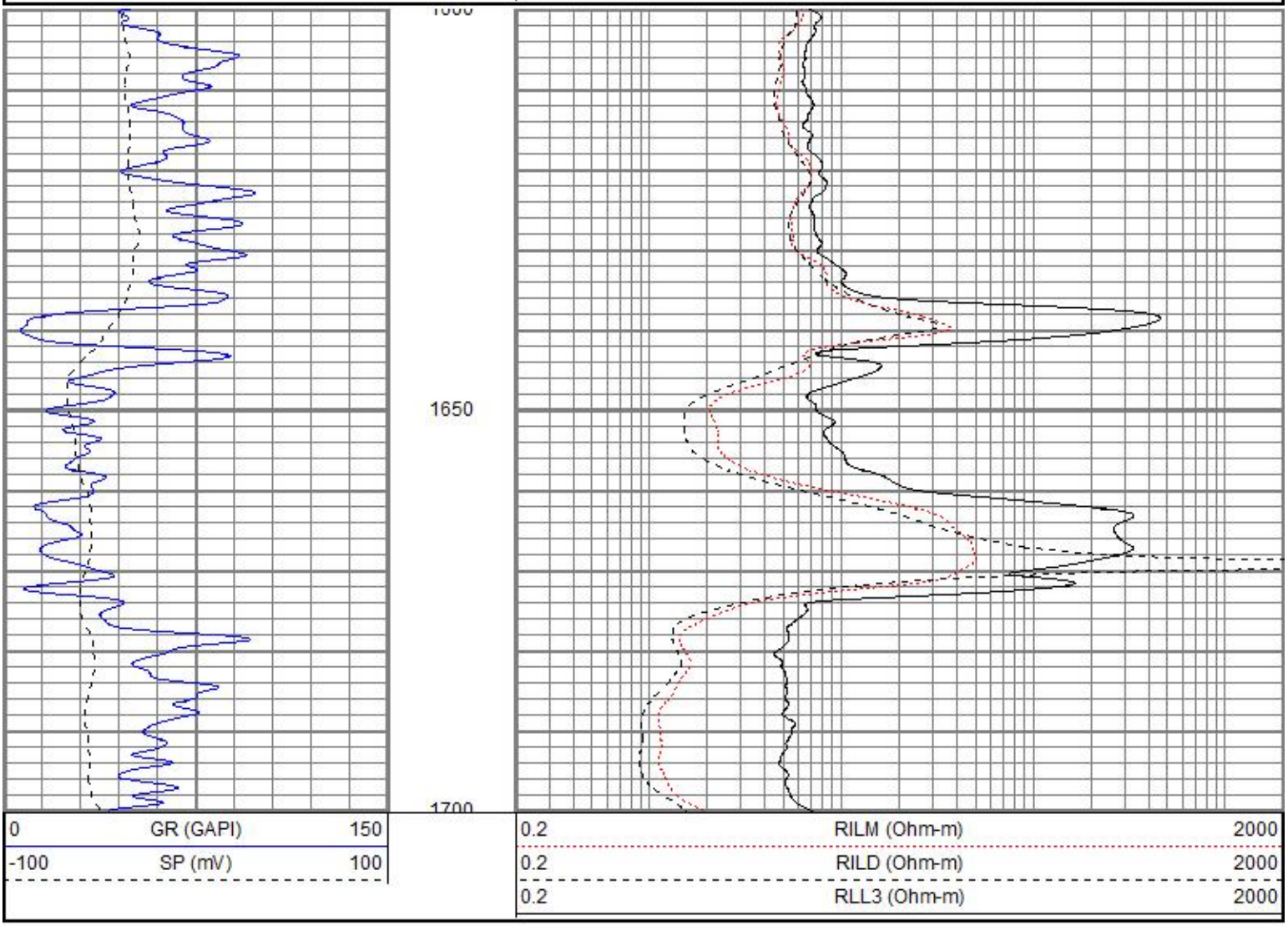
50	RILD x 10 (Ohm-m)	500
50	RLL3 x 10 (Ohm-m)	500

Main Pass

Database File	spdingestrust1oh.db
Dataset Pathname	pass2.1
Presentation Format	kdil
Dataset Creation	Fri Feb 24 08:32:12 2017
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



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

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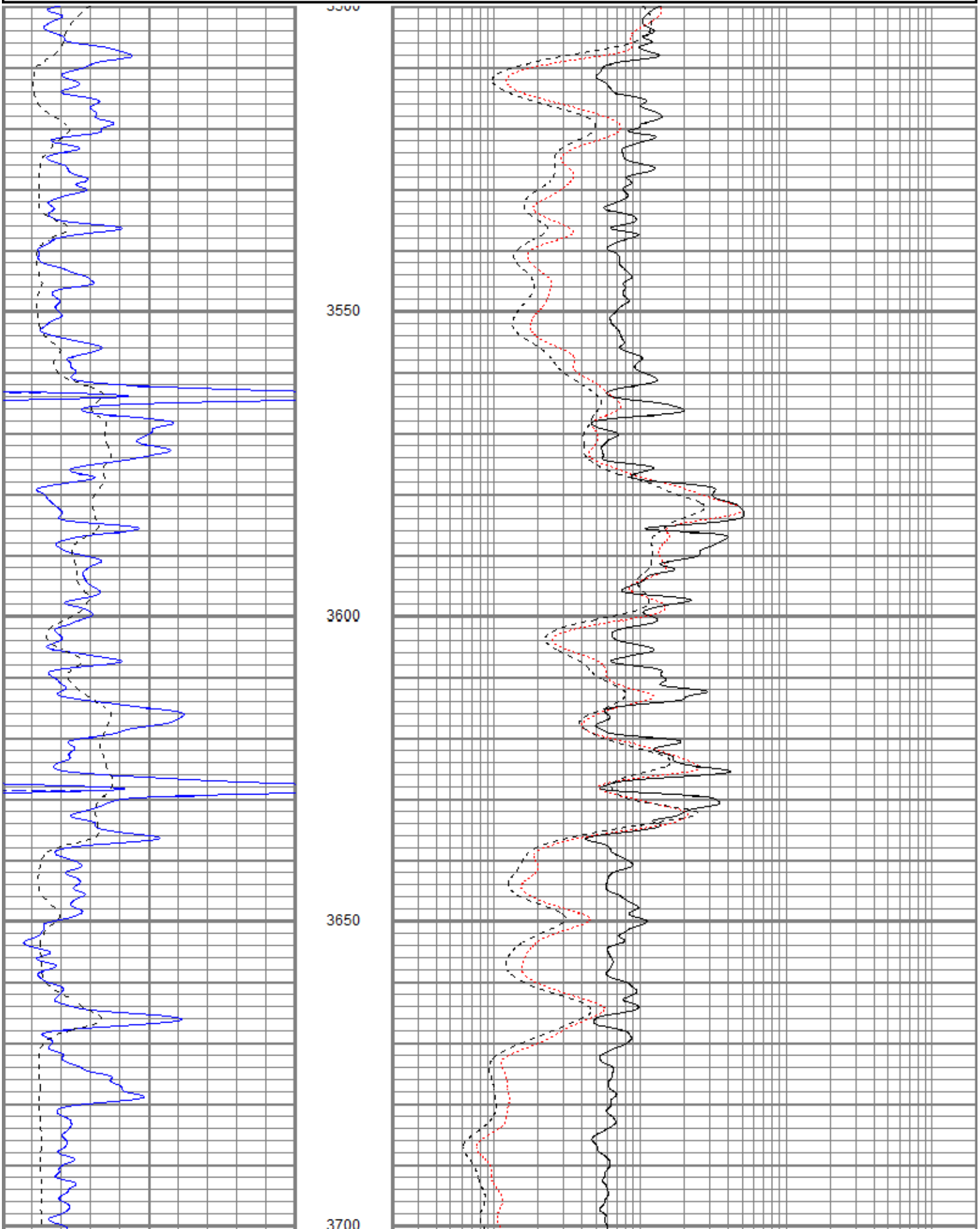
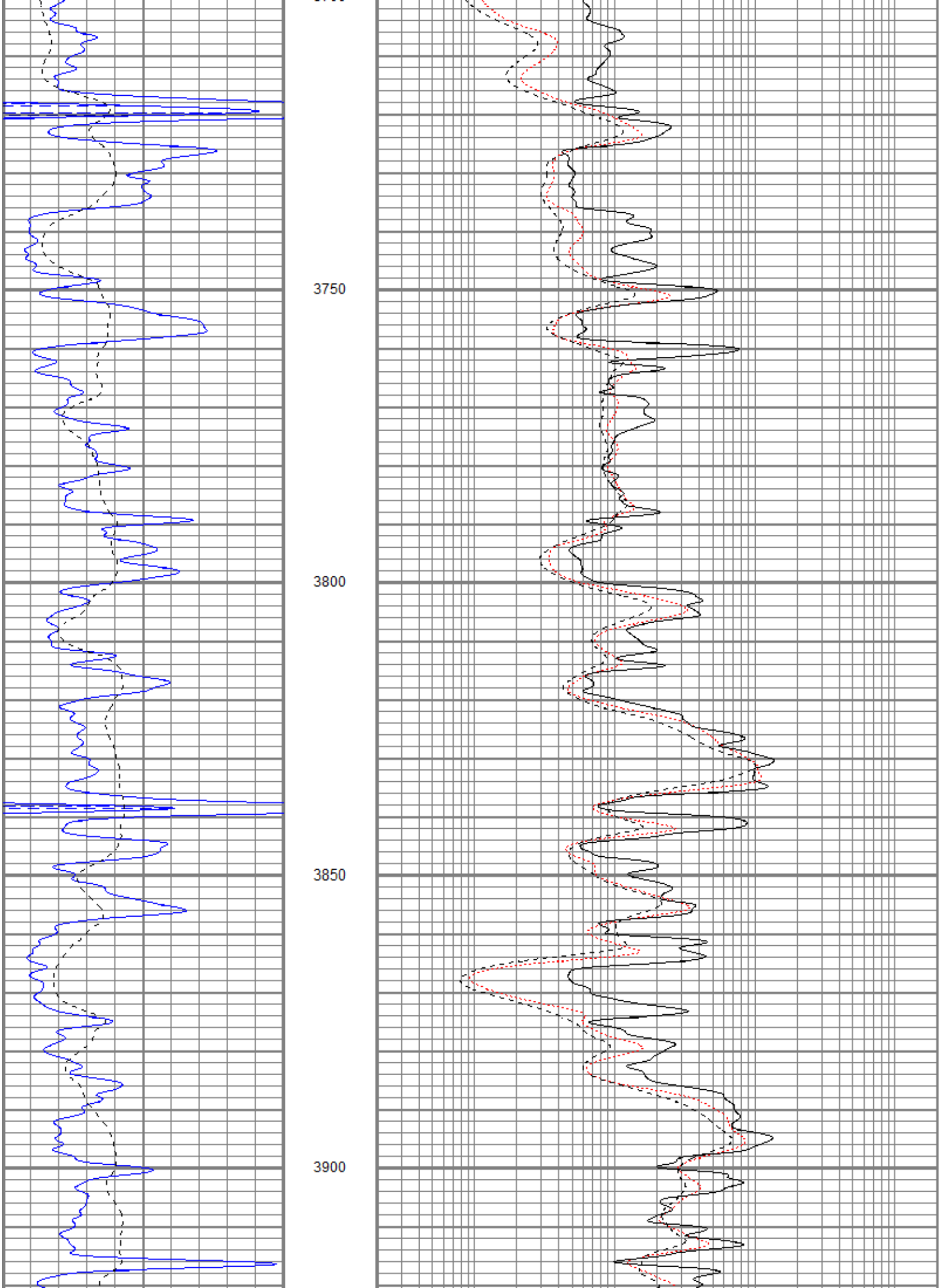
0.2	RILM (Ohm-m)	2000
0.2	RILD (Ohm-m)	2000
0.2	RLL3 (Ohm-m)	2000

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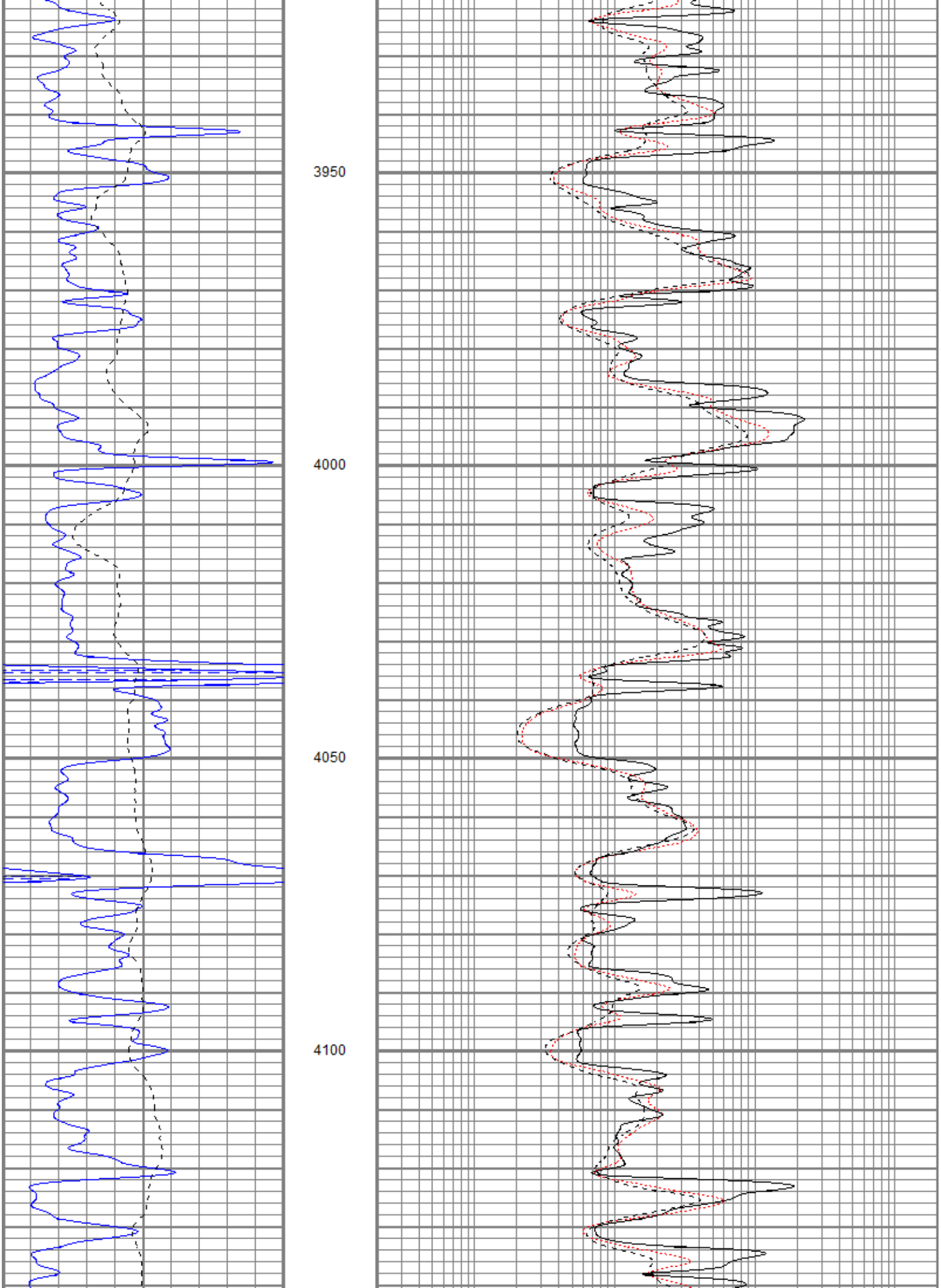
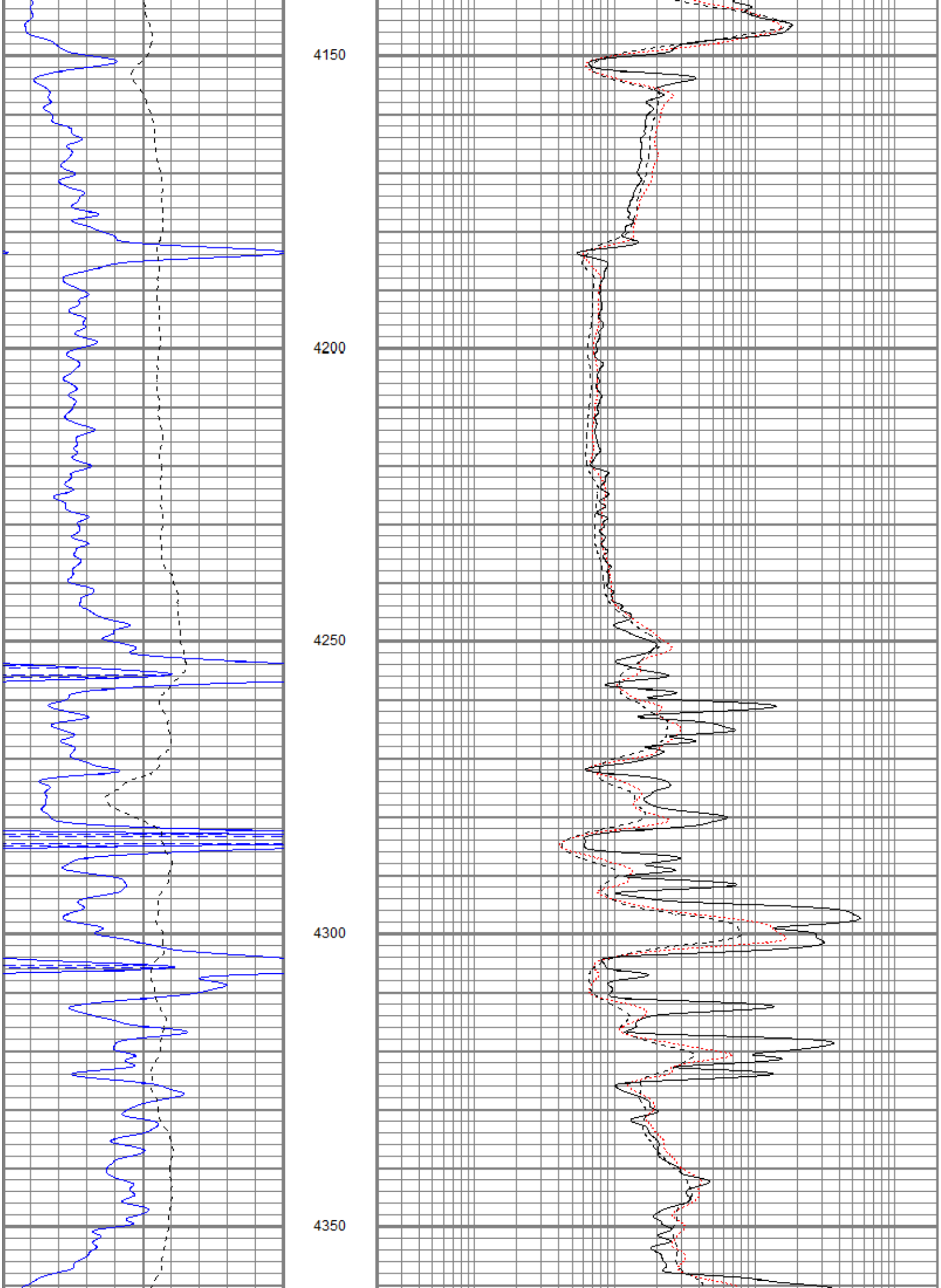
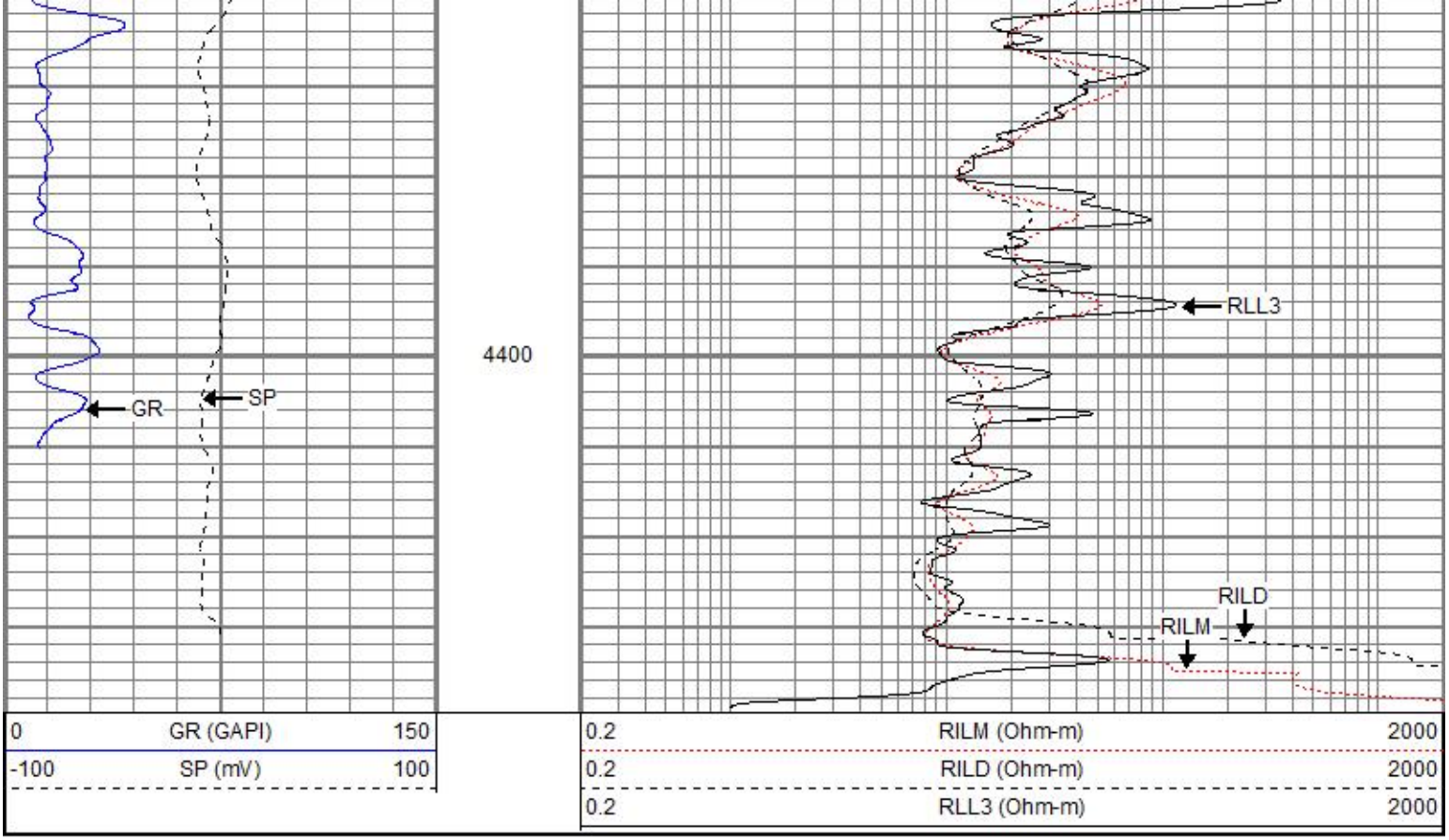
3800
3850
3900

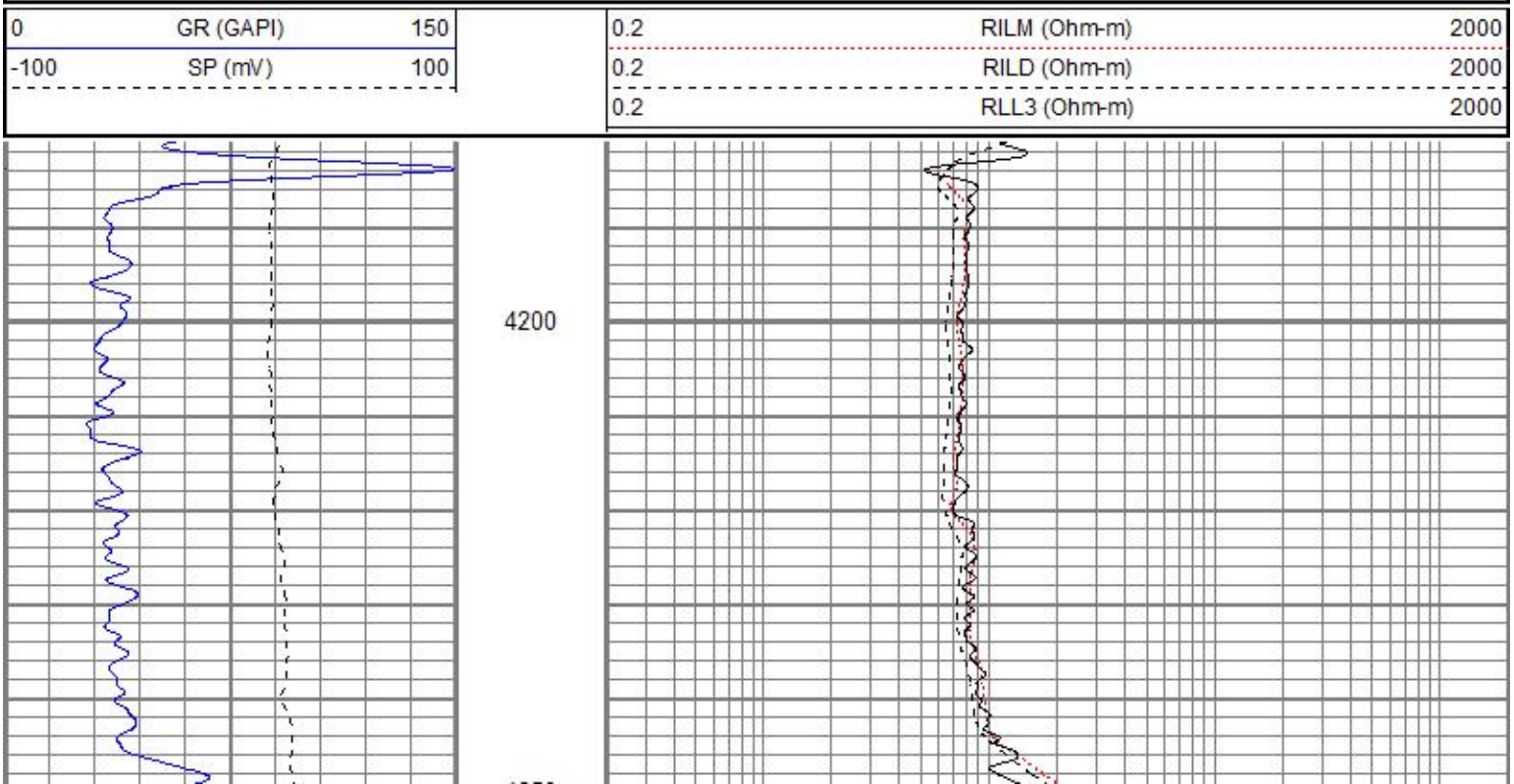

3950
4000
4050
4100

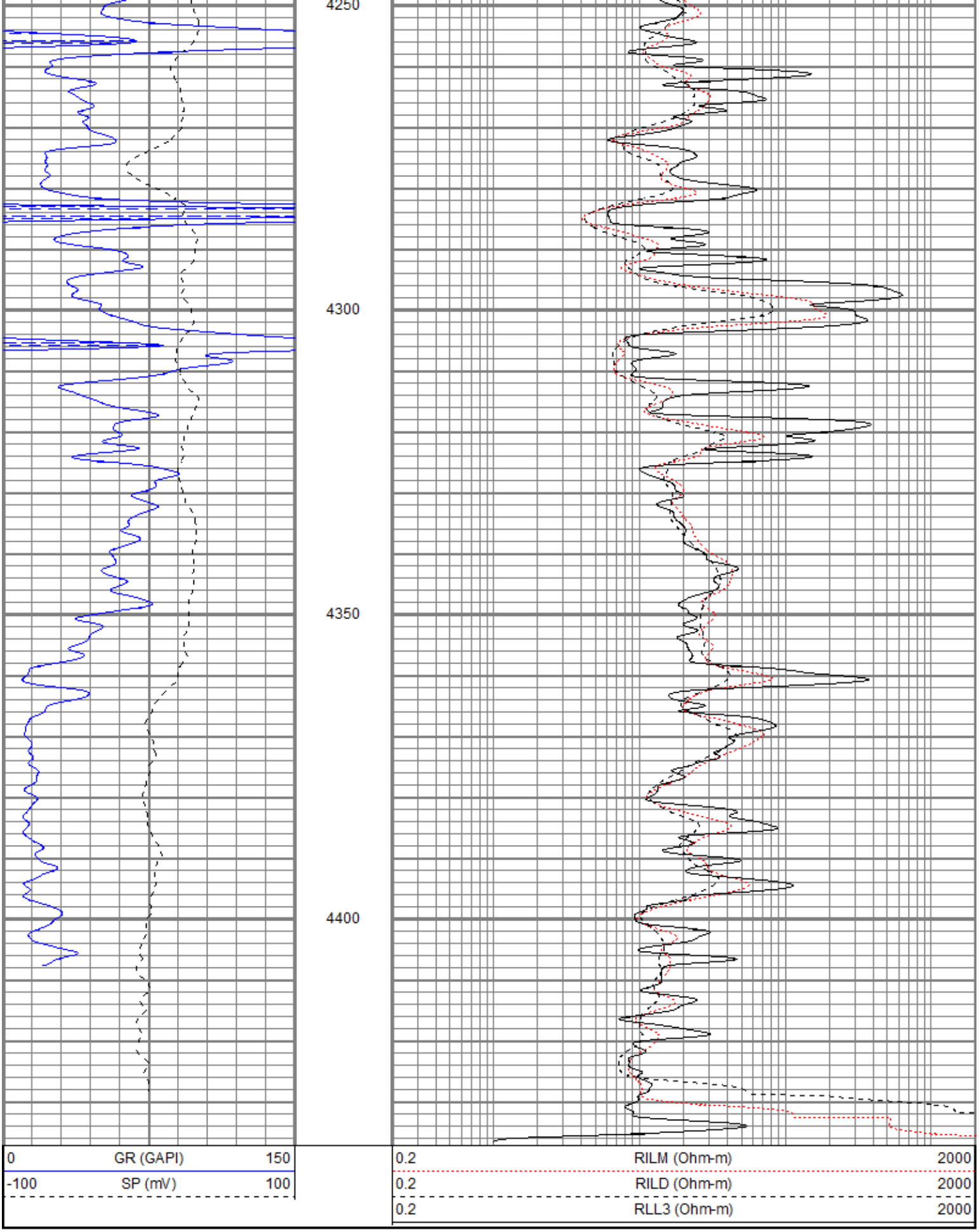

4150
4200
4250
4300
4350



Repeat Section

Database File	spdingestrust1oh.db
Dataset Pathname	pass1.1
Presentation Format	kdil
Dataset Creation	Fri Feb 24 08:35:03 2017
Charted by	Depth in Feet scaled 1:240





Calibration Report

Database File	spdingestrust1oh.db
Dataset Pathname	pass2.1
Dataset Creation	Fri Feb 24 08:32:12 2017

Dataset Creation: FRI Feb 20 04:02:42 2015

Dual Induction Calibration Report

Serial-Model:	1989-ADM
Surface Cal Performed:	Fri Feb 20 04:01:49 2015
Downhole Cal Performed:	Fri Feb 20 04:02:20 2015
After Survey Verification Performed:	Fri Feb 20 04:02:20 2015

Surface Calibration

	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	-0.003	0.644	V	0.000	350.000	mmho/m	540.956	1.459
Medium	-0.001	0.755	V	0.000	400.000	mmho/m	528.900	0.539
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	-0.003	0.644	V	0.000	350.000	mmho/m	541.252	1.368
Medium	-0.001	0.756	V	0.000	550.000	mmho/m	726.850	0.537

Downhole Calibration

	Readings			References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.162	349.775	mmho/m	0.092	349.901	mmho/m	1.001	-0.069
Medium	-0.013	400.145	mmho/m	0.148	400.362	mmho/m	1.000	0.161
Shallow	2.502	0.009	V	500.000	2.000	Ohm-m	159.779	1.000

After Survey Verification

	Readings			Targets			Results	
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	0.162	349.775	mmho/m	1.001	-0.069
Medium	0.000	0.000	mmho/m	-0.013	400.145	mmho/m	1.000	0.161
Shallow	0.000	0.000	Ohm-m	500.000	2.000	Ohm-m	1.000	0.000

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	2.620	g/cc	73.23	241.18	cps

Spine Angle = 74.76

Density/Spine Ratio = 0.503

	Size		Reading	
Small Ring	8.59	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:	Mon Feb 20 18:24:10 2017	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.9500	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	32.86		NEU-G (5138) Gearhart Epithermal	5.65	3.50	85.00
GR	27.13		GR-poilex (2118)	2.79	4.00	40.00
			CDL-poilex (2118)	6.04	4.00	275.00
LSD	22.04					
DCAL	21.71					
SSD	21.54					
SP	10.60		DIL-ADM (1989) Dual Induction	19.71	4.00	300.00
CILD	10.60					
CILM	6.89					
RLL3	1.70					

Dataset:	spdingestrust1oh.db: field/well/run1/pass2.1
Total length:	34.94 ft
Total weight:	705.00 lb
O.D.:	4.00 in