



DUAL INDUCTION LOG

Company	PALOMINO PETROLEUM		
Well	LEGEND #1		
Field	TRAPP		
County	BARTON	State	KS
Location:	API # : 15-009-26337		Other Services CDNL ML
611' FSL & 336' FEL			
Permanent Datum	SEC 25	TWP 16S	RGE 13W
Log Measured From	KB 8'	AGL	Elevation 1932
Drilling Measured From	KB	Elevation K.B. 1940 D.F. 1938 G.L. 1932	
Date	3/28/22		
Run Number	ONE		
Depth Driller	3505		
Depth Logger	3505		
Bottom Logged Interval	3503		
Top Log Interval	00		
Casing Driller	8 5/8" @ 442'		
Casing Logger	442		
Bit Size	7 7/8"		
Type Fluid in Hole	Chemical		
Density / Viscosity	9.4/56		
pH / Fluid Loss	11.0/8.4		
Source of Sample	Pit		
Rm @ Meas. Temp	.60@70degf		
Rmf @ Meas. Temp	.45@70degf		
Rmc @ Meas. Temp	.72@70degf		
Source of Rmf / Rmc	Calculated		
Rm @ BHT	.44@96degf		
Time Circulation Stopped	10:00 A.M.		
Time Logger on Bottom	11:30 AM		
Maximum Recorded Temperature	96degf		
Equipment Number	T605		
Location	Hays, KS		
Recorded By	GUS PFANENSTIEL		
Witnessed By	CHAD COUNTS		

<<< Fold Here >>>

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

4 EAST OF SUSANK 1 SOUTH,
WEST INTO.

Thank You for using Gemini Wireline LLC
785-625-1182



MAIN PASS

Database File	pplgend#1oh.db
Dataset Pathname	pass3.1
Presentation Format	kdillinn
Dataset Creation	Mon Mar 28 12:40:18 2022
Charted by	Depth in Feet scaled 1:600

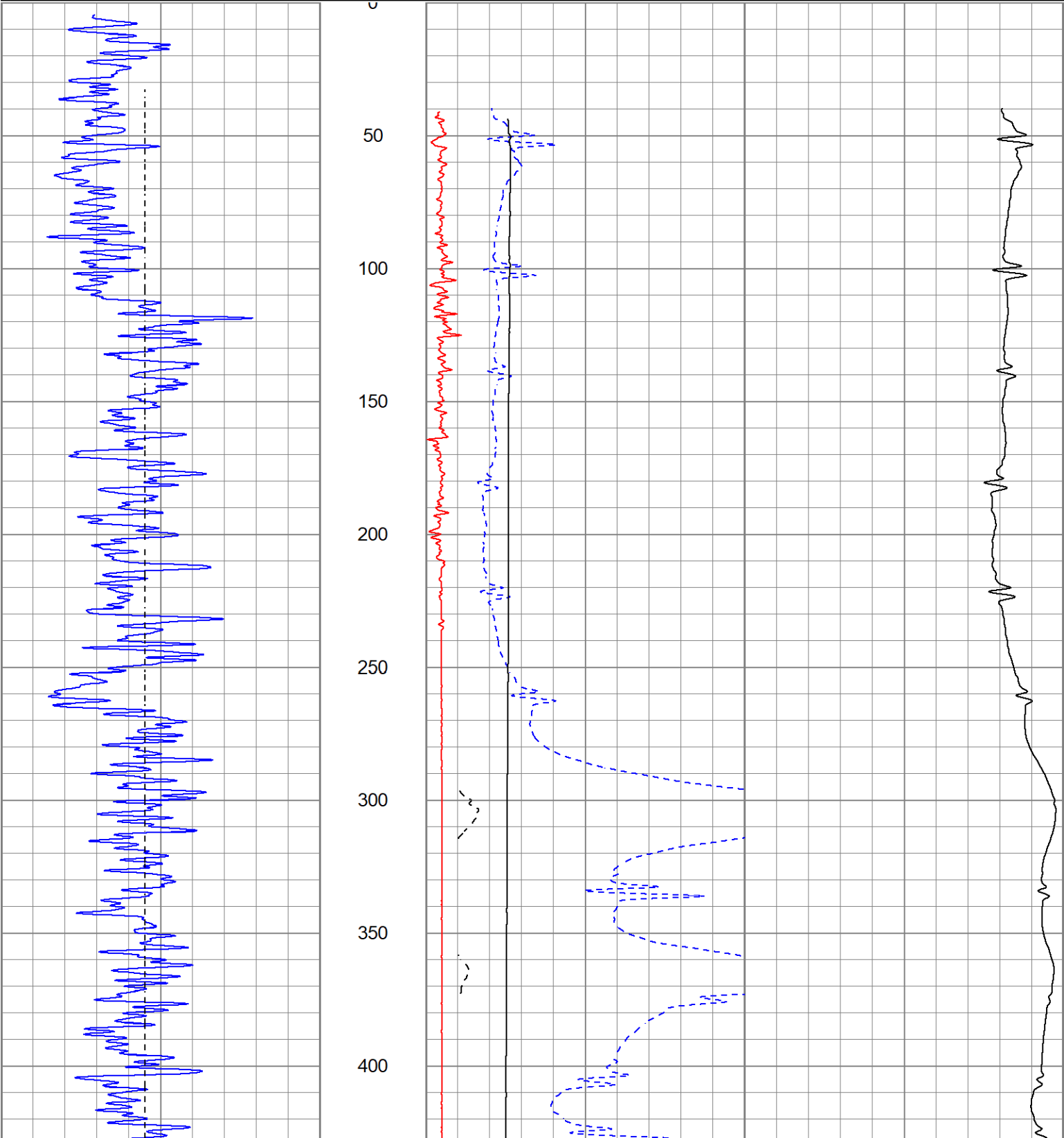
0	GR (GAPI)	150	1000				CILD (mmho/m)				0	
-100	SP (mV)	100	10000				LTEN (lb)				0	

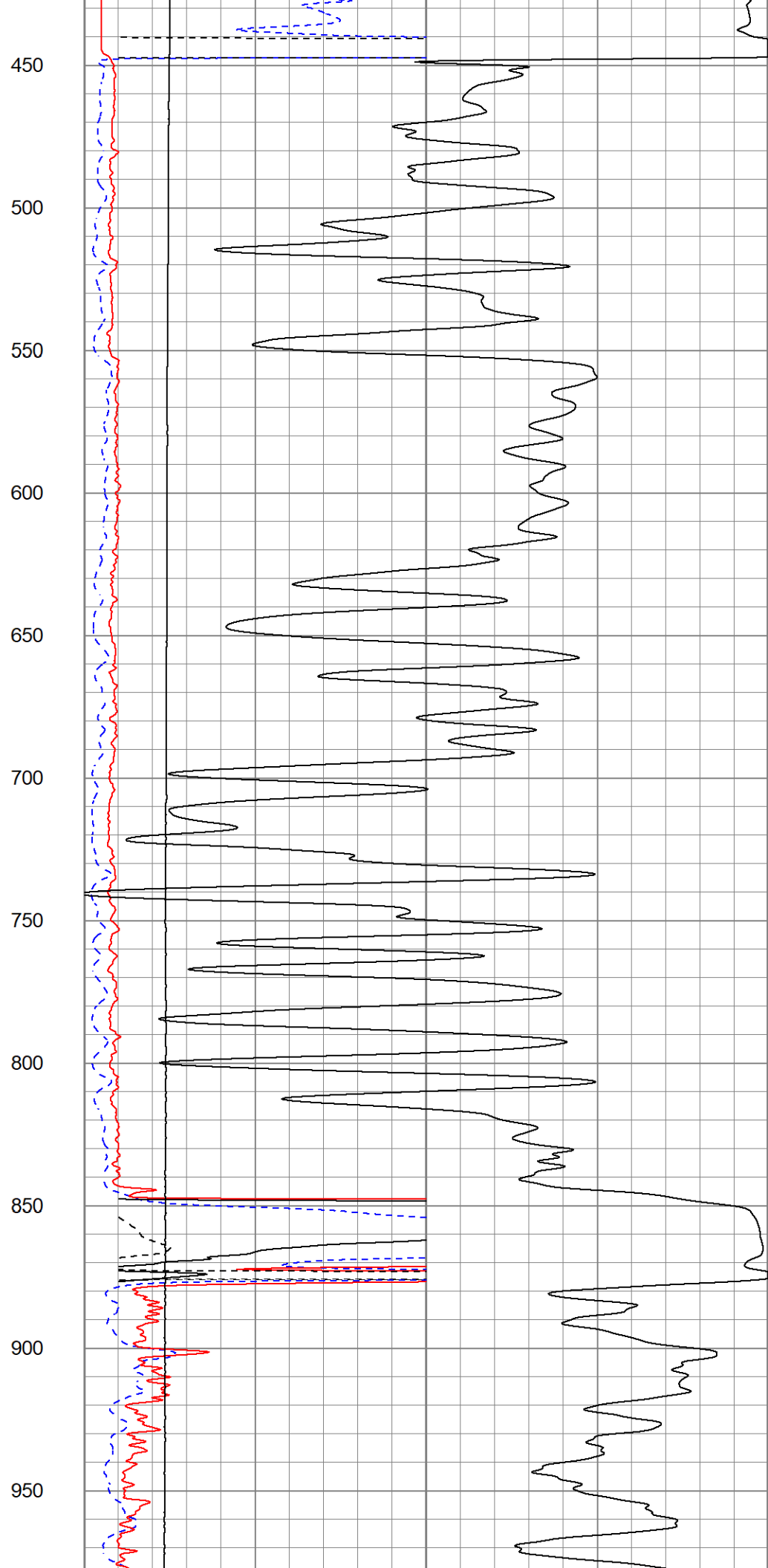
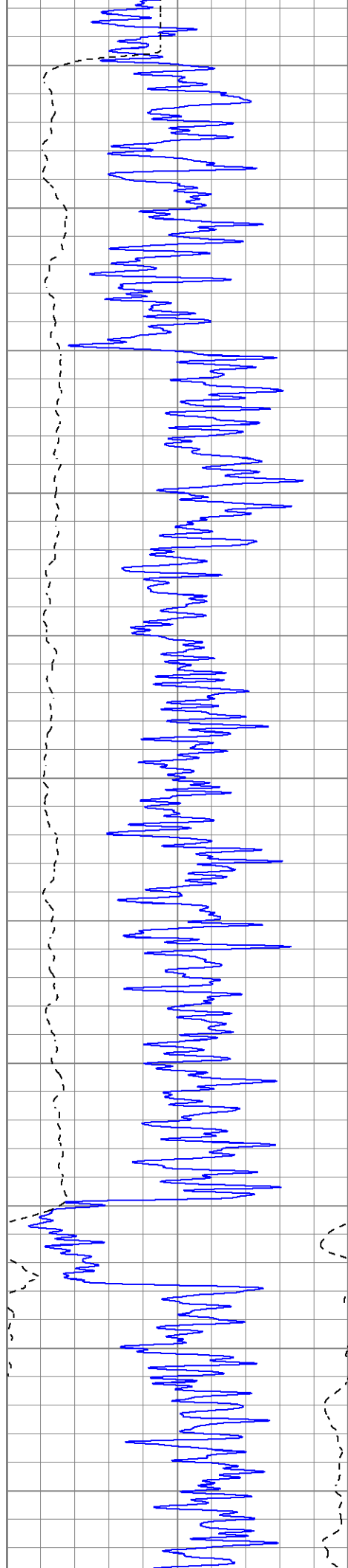
			0	RILD (Ohm-m)				50				

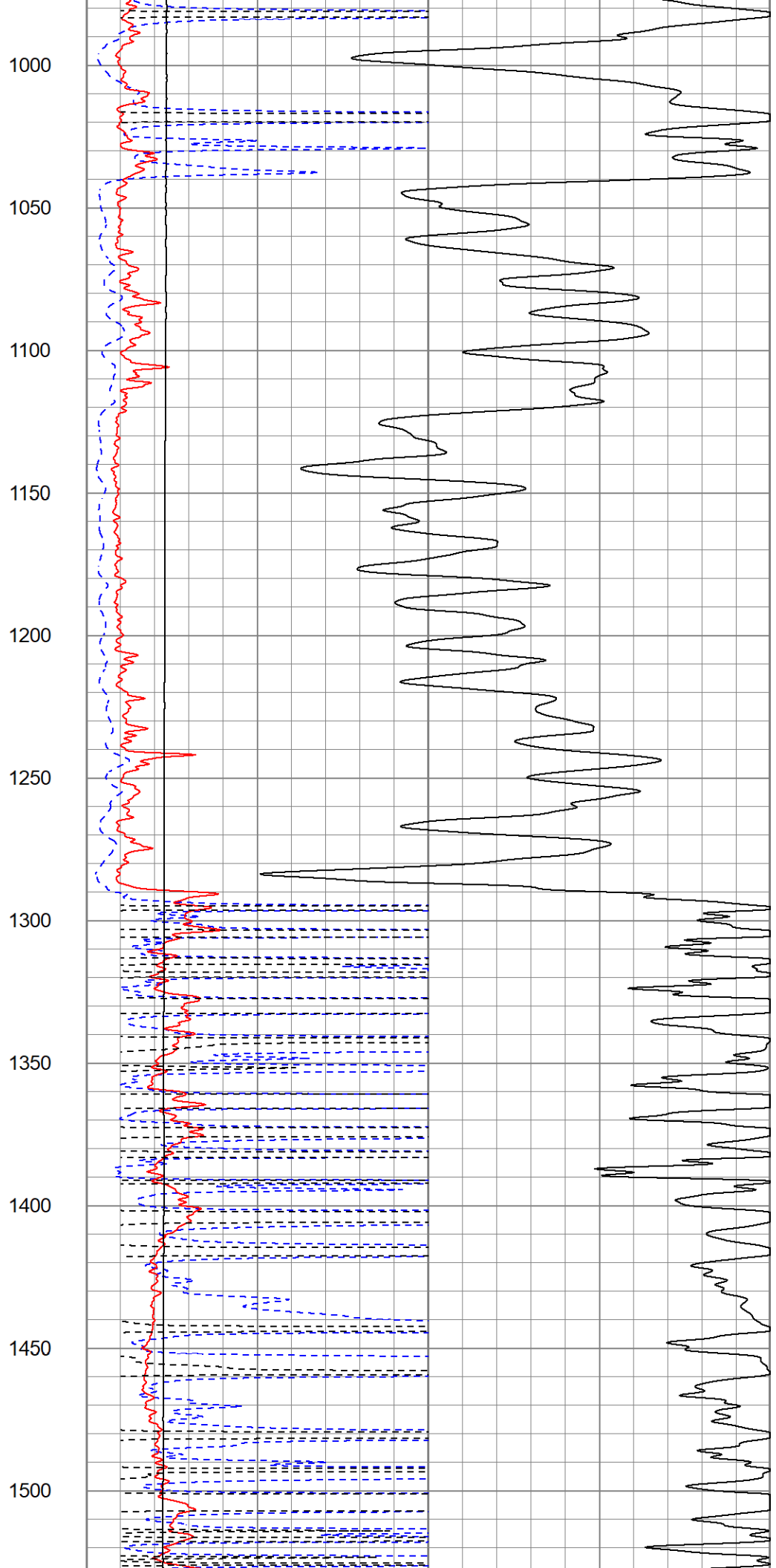
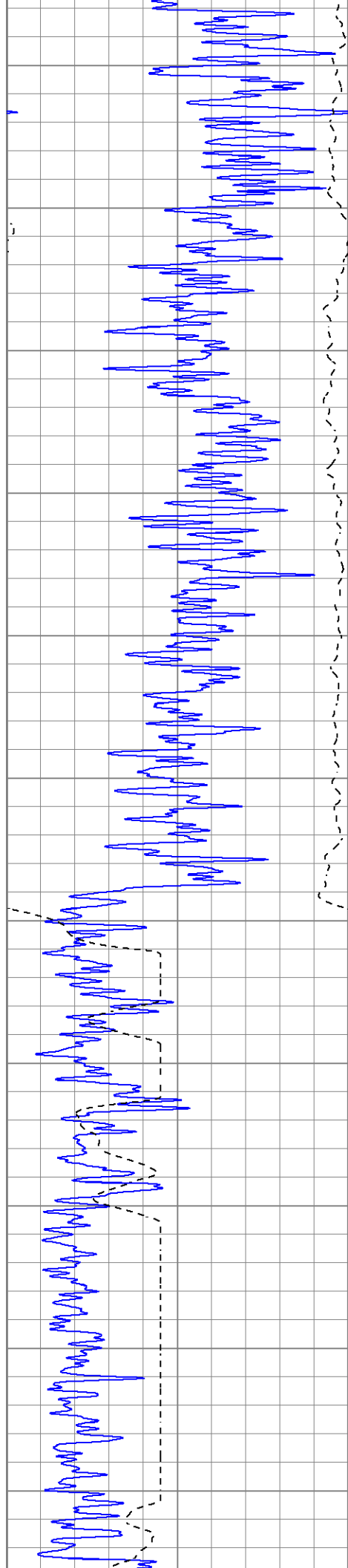
			0	RLL3 (Ohm-m)				50				

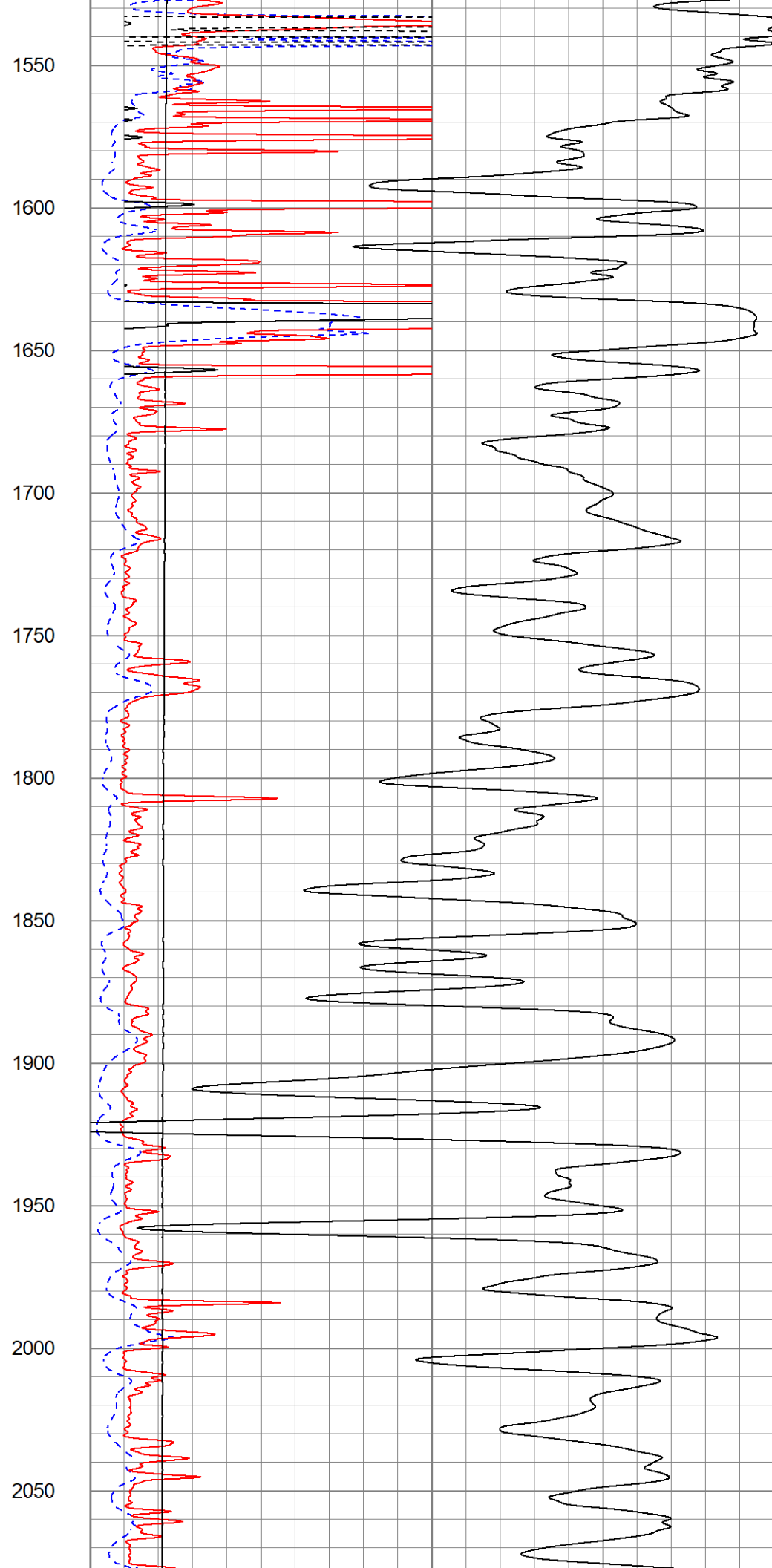
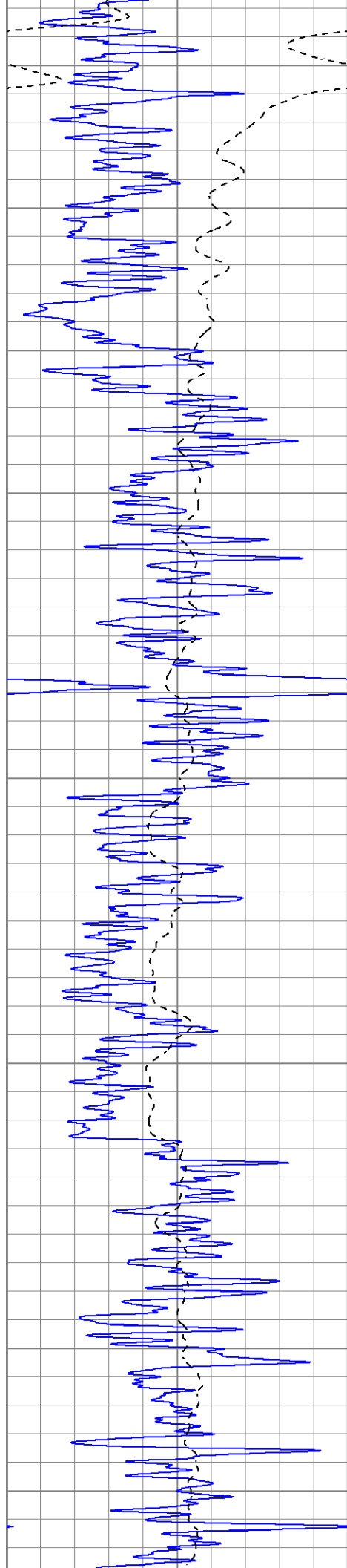
			50	RILD x 10 (Ohm-m)				500				

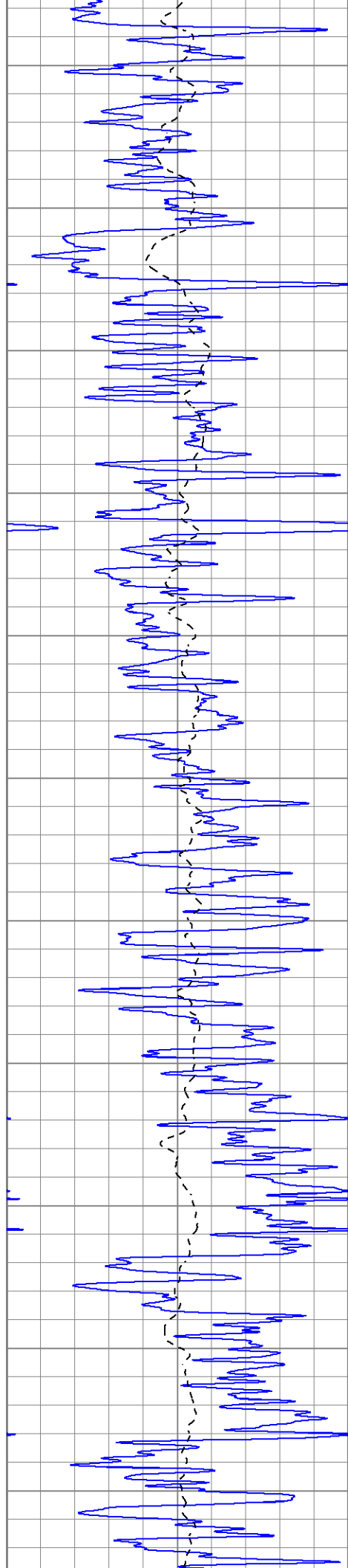
			50	RLL3 x 10 (Ohm-m)				500				











2100

2150

2200

2250

2300

2350

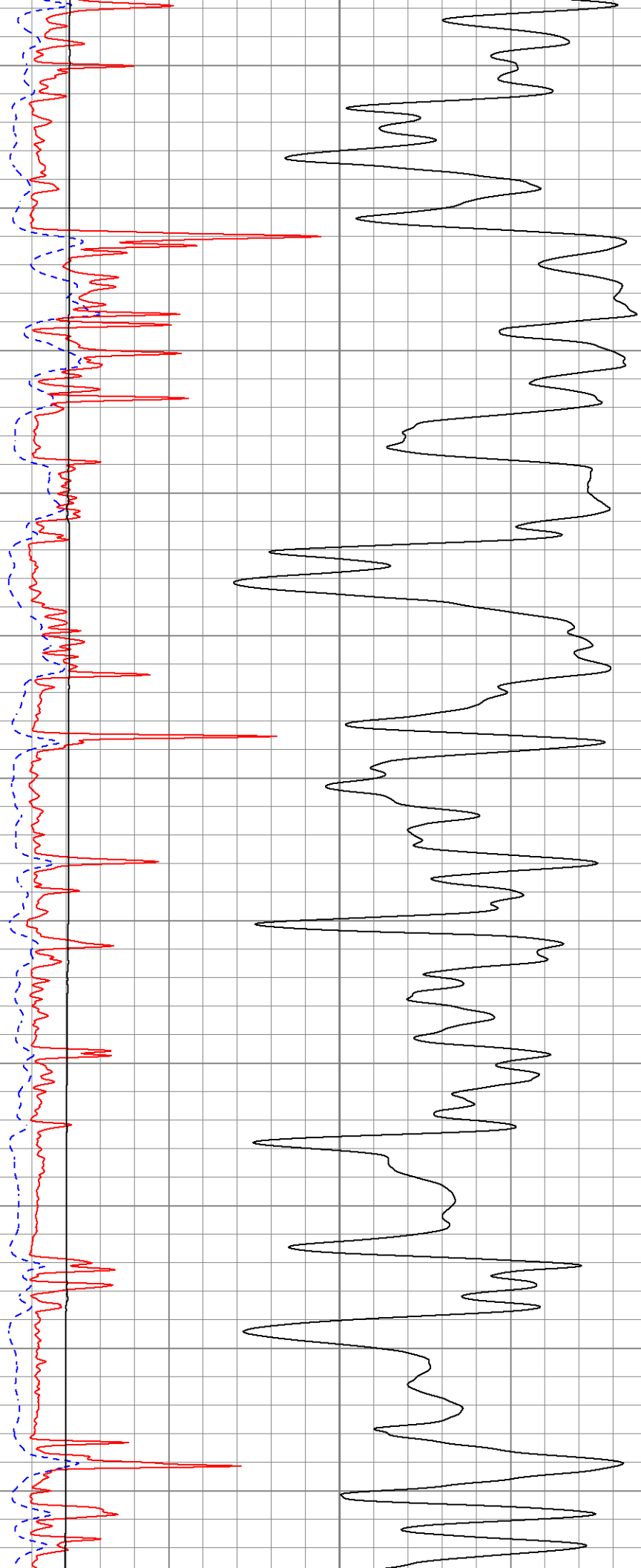
2400

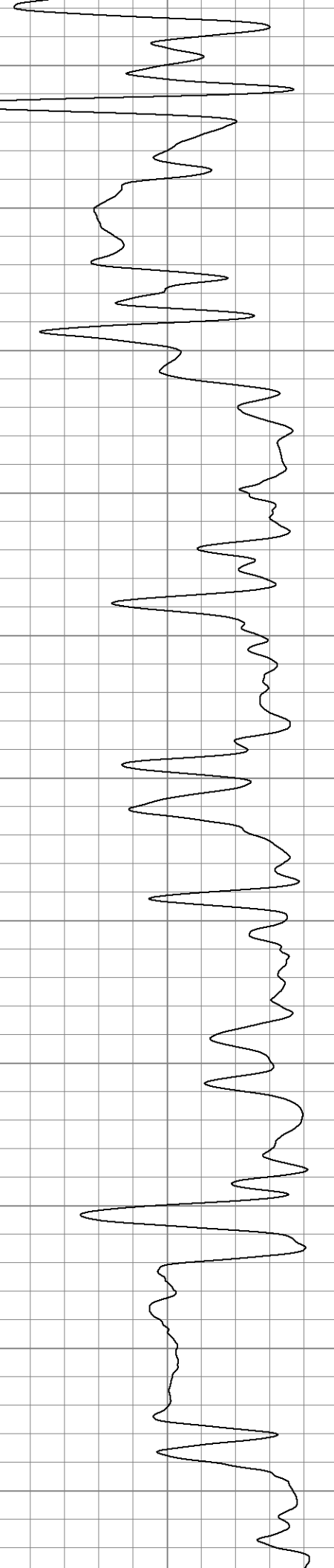
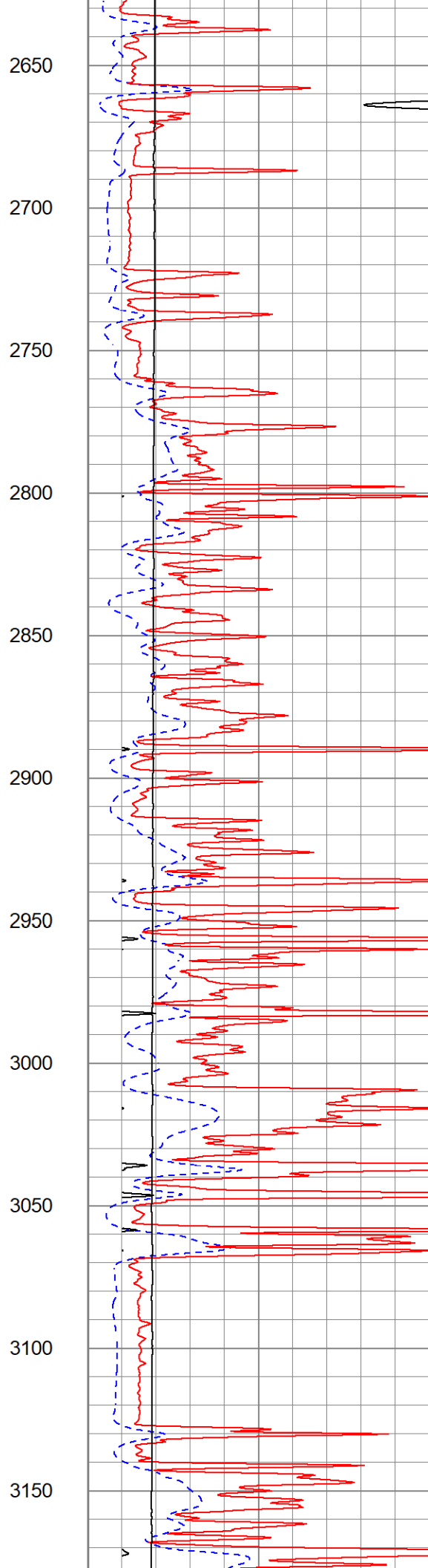
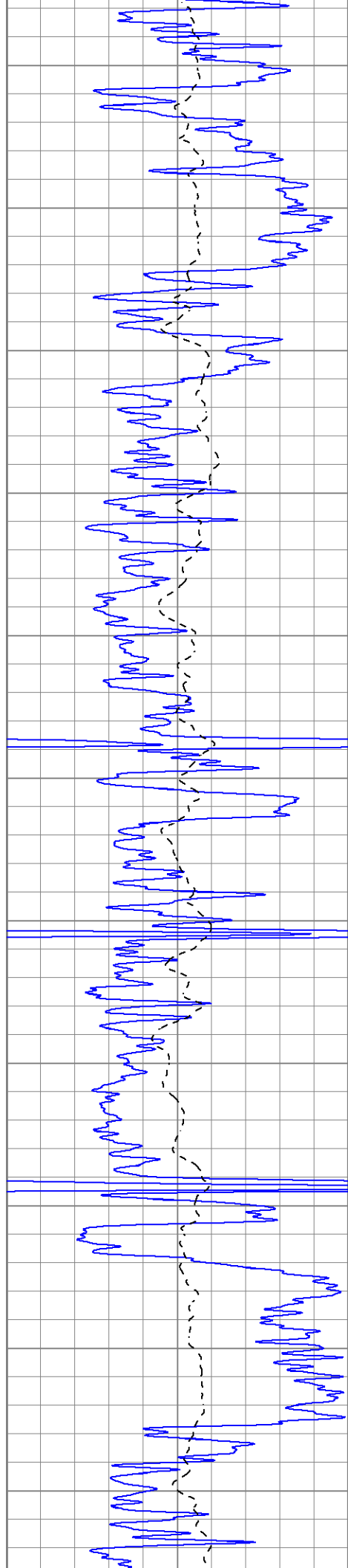
2450

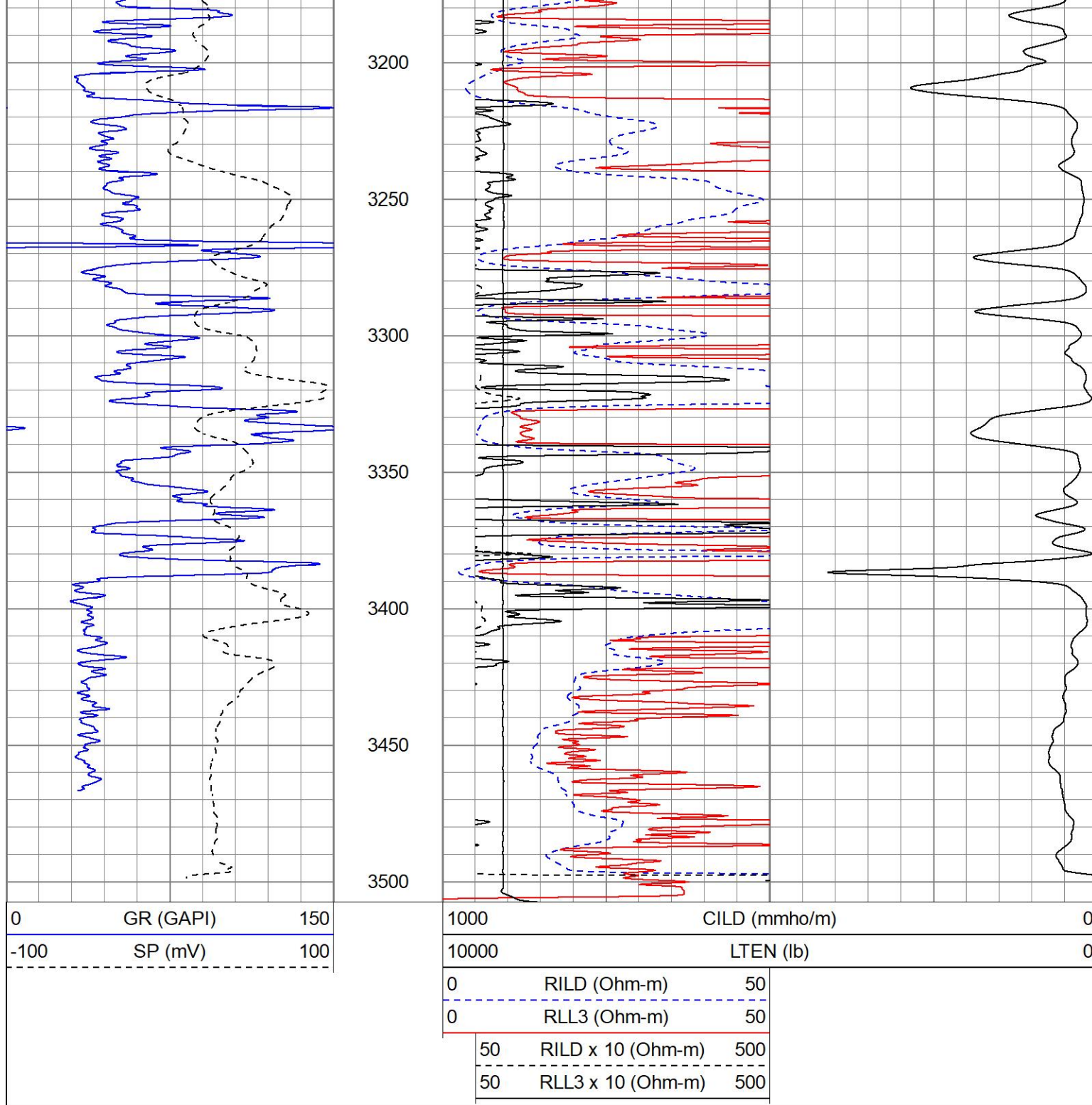
2500

2550

2600



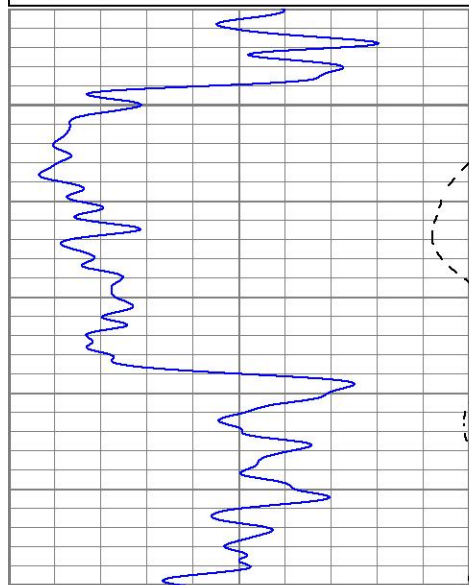




MAIN PASS

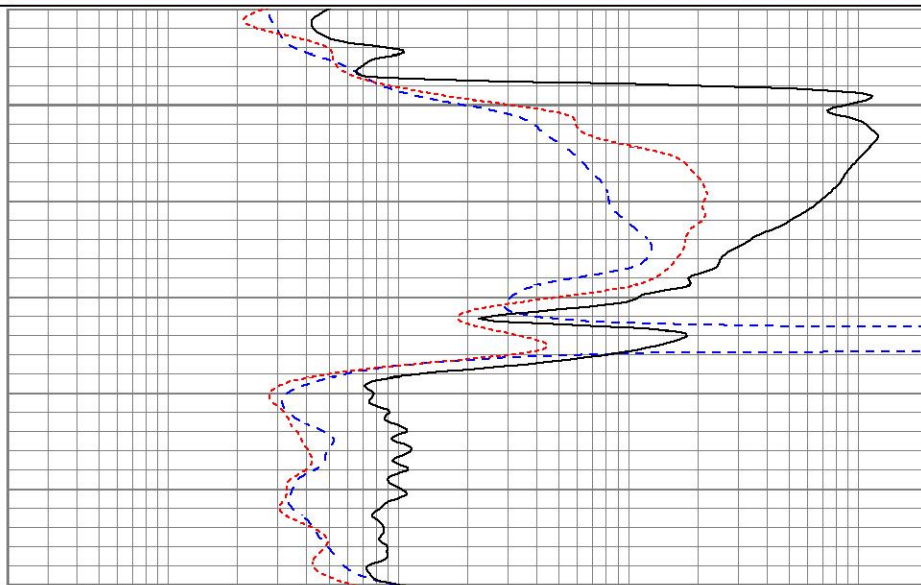
Database File: pplegend#1oh.db
 Dataset Pathname: pass3.1
 Presentation Format: kdil
 Dataset Creation: Mon Mar 28 12:40:18 2022
 Charted by: Depth in Feet scaled 1:240

0	GR (GAPI)	150	0.2	RILD (Ohm-m)	2000
-100	SP (mV)	100	0.2	RLL3 (Ohm-m)	2000
			0.2	RIL M (Ohm-m)	2000



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

850



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

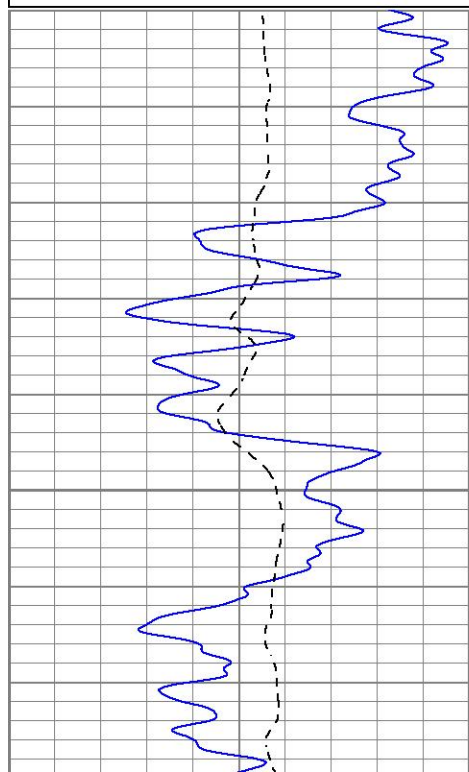


MAIN PASS

Database File pplegend#1oh.db
 Dataset Pathname pass3.1
 Presentation Format kdil
 Dataset Creation Mon Mar 28 12:40:18 2022
 Charted by Depth in Feet scaled 1:240

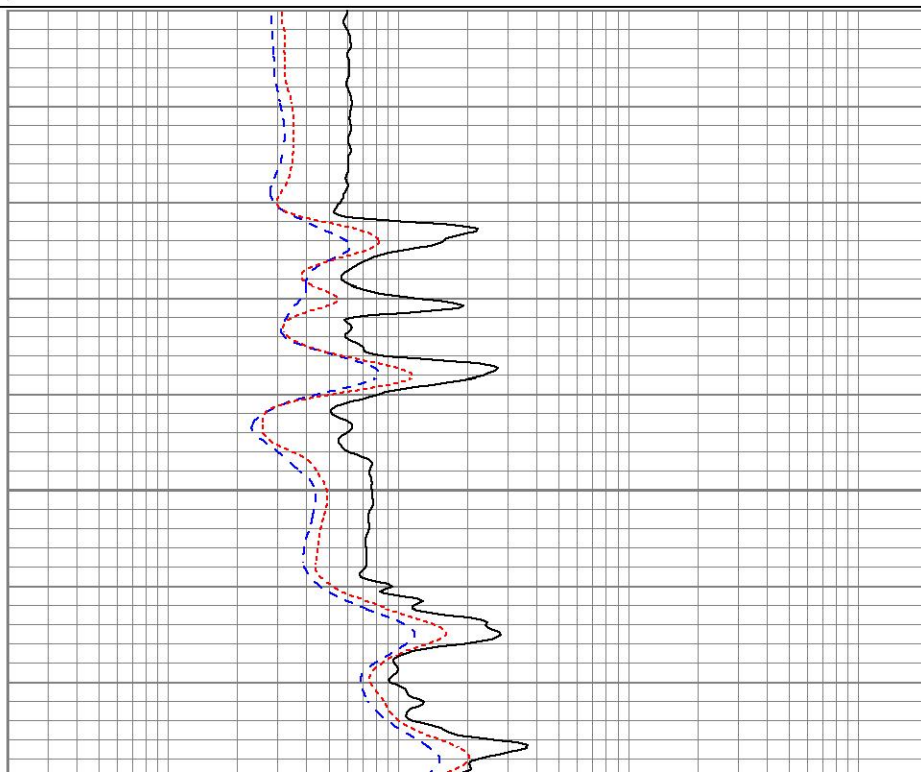
0	GR (GAPI)	150
-100	SP (mV)	100

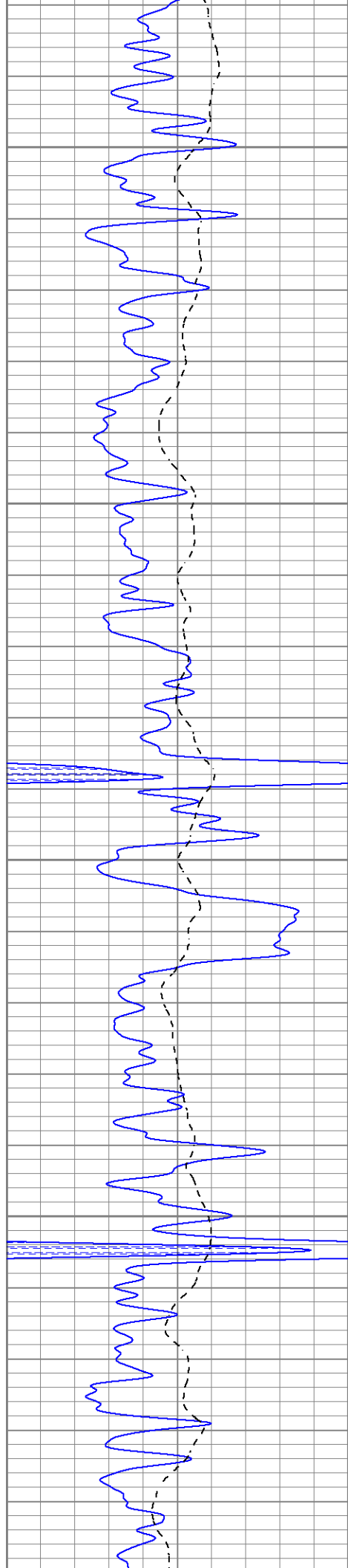
0.2	RILD (Ohm-m)	2000
0.2	RLL3 (Ohm-m)	2000
0.2	RILM (Ohm-m)	2000



2700

2750





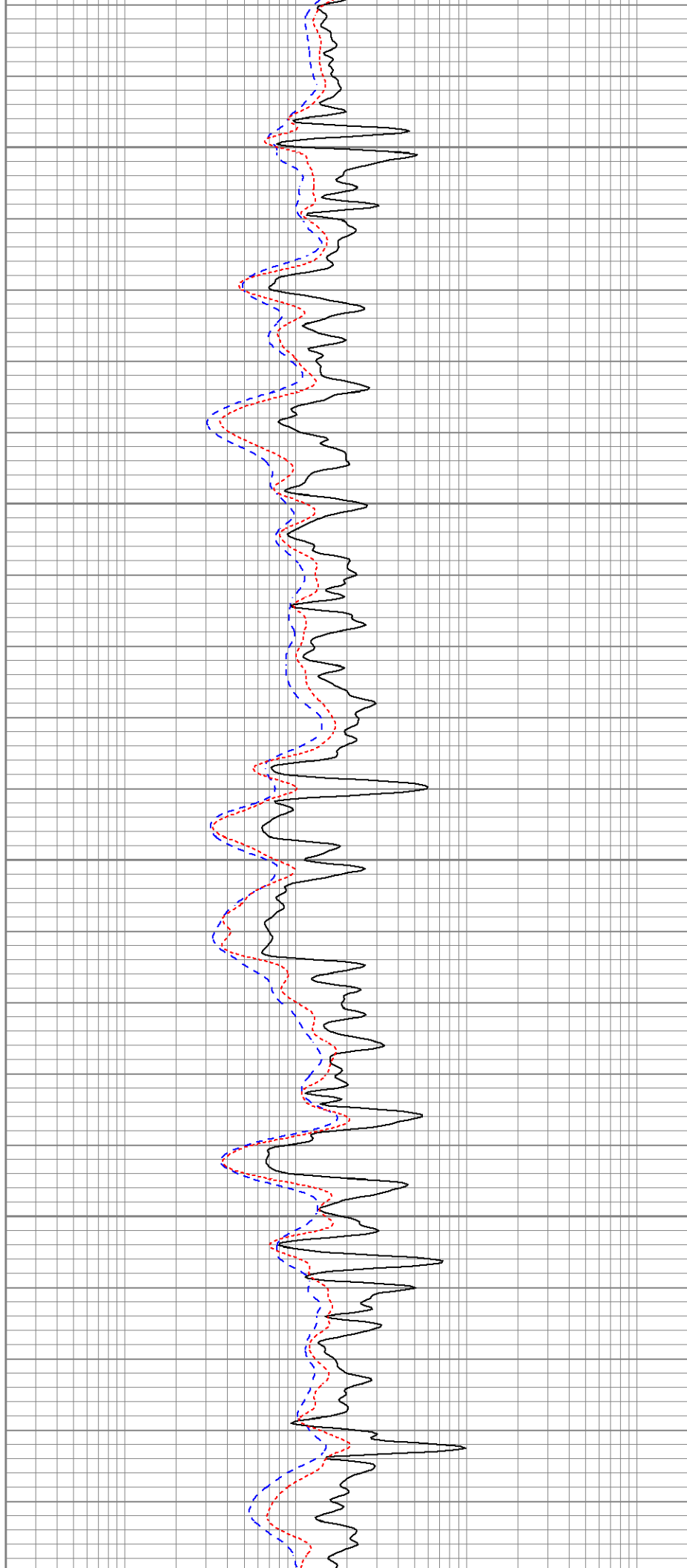
2800

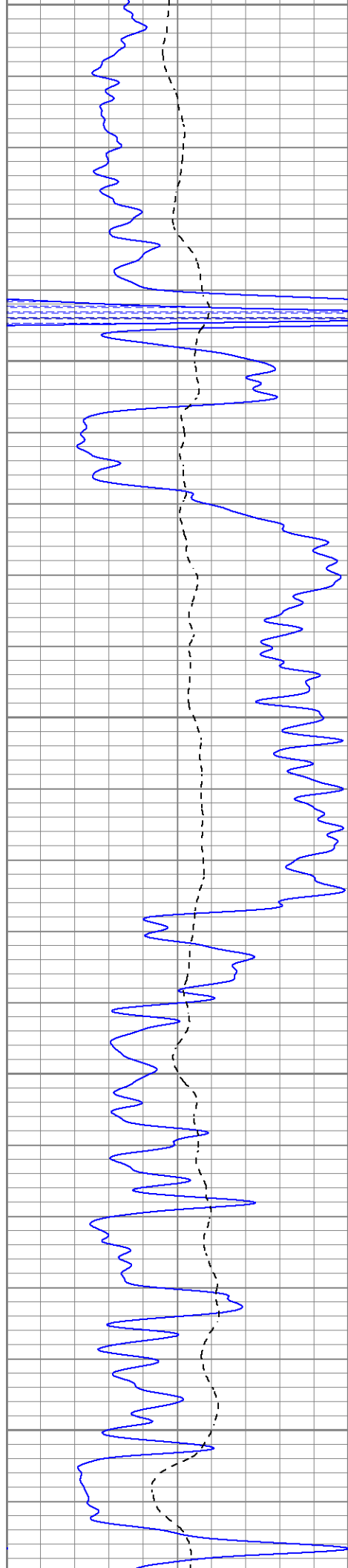
2850

2900

2950

3000





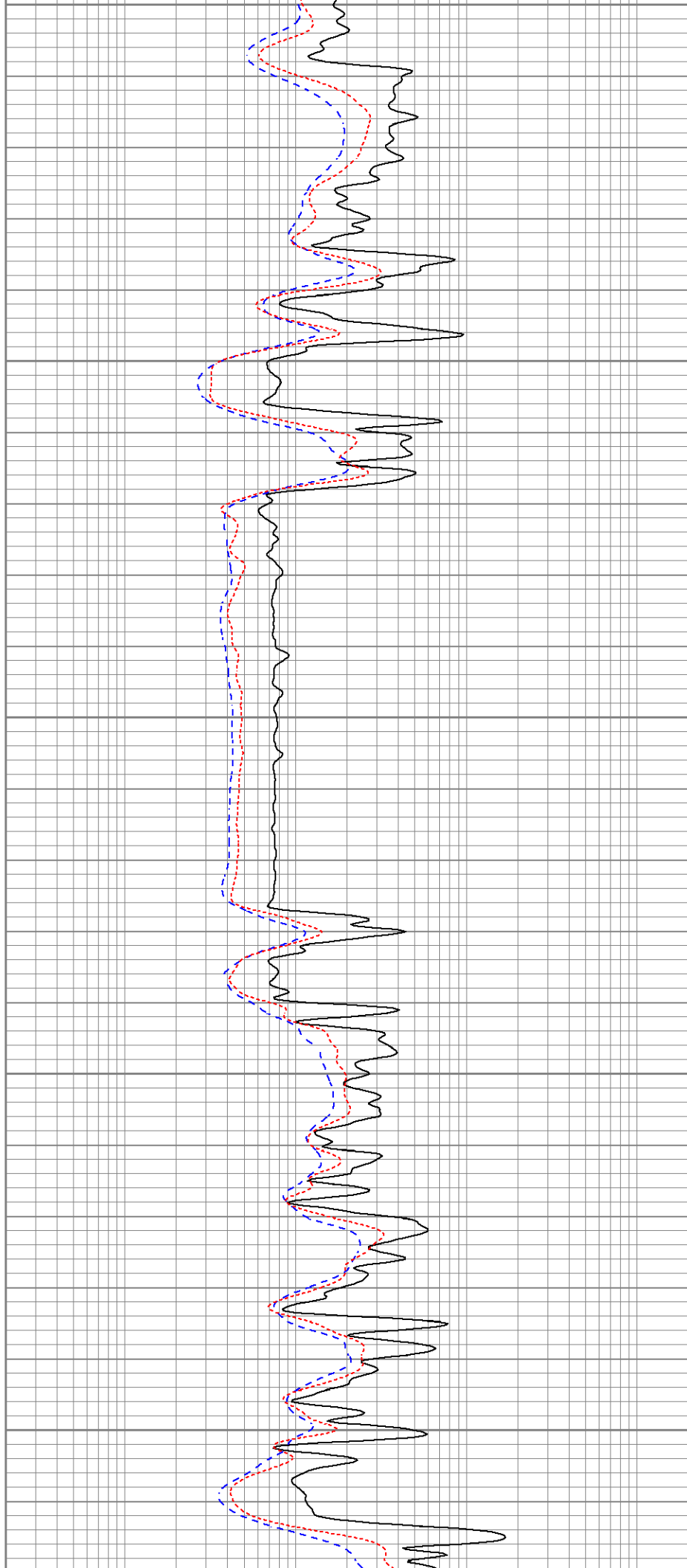
3000

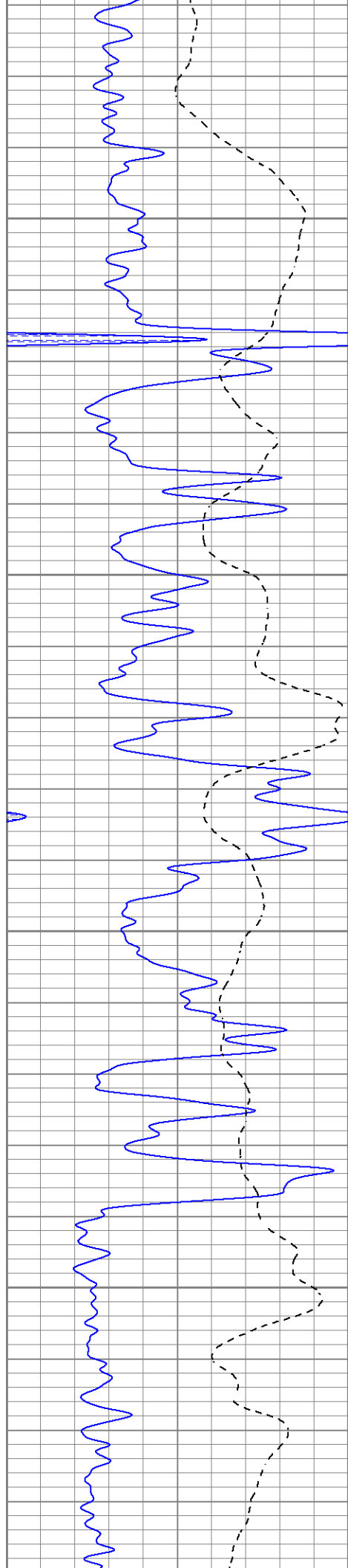
3050

3100

3150

3200



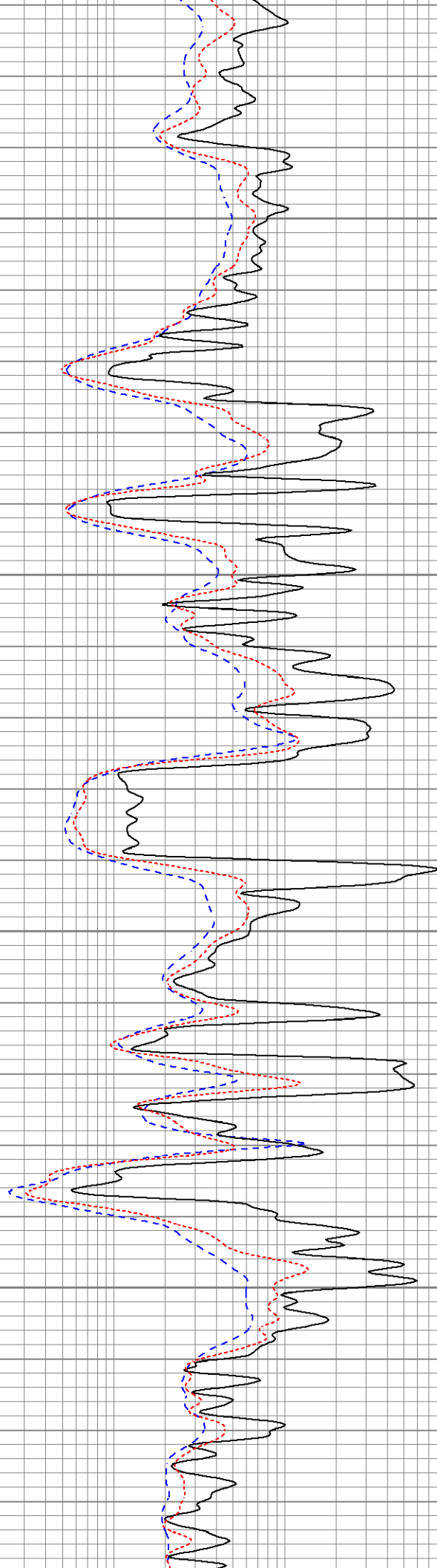


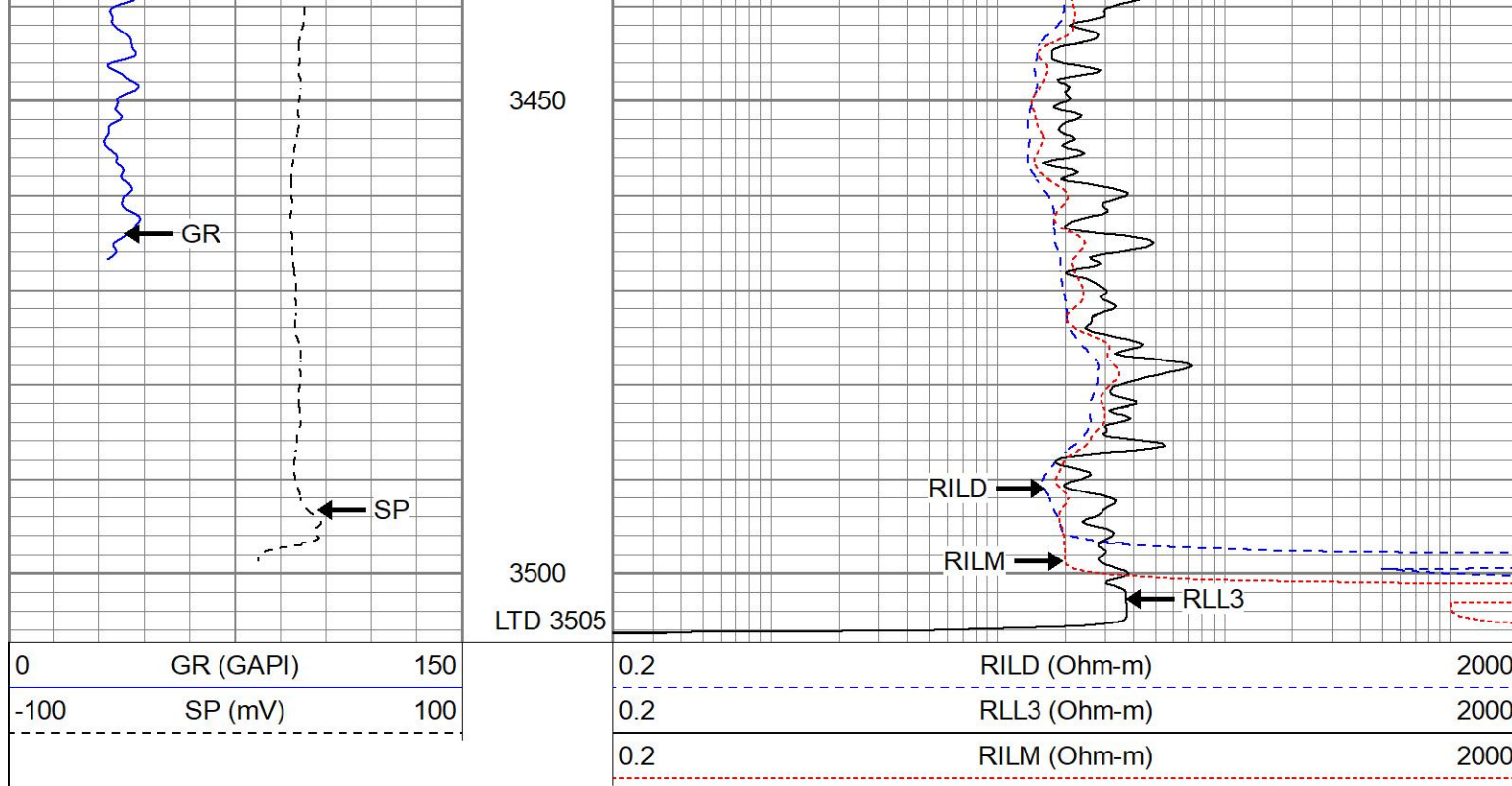
3250

3300

3350

3400

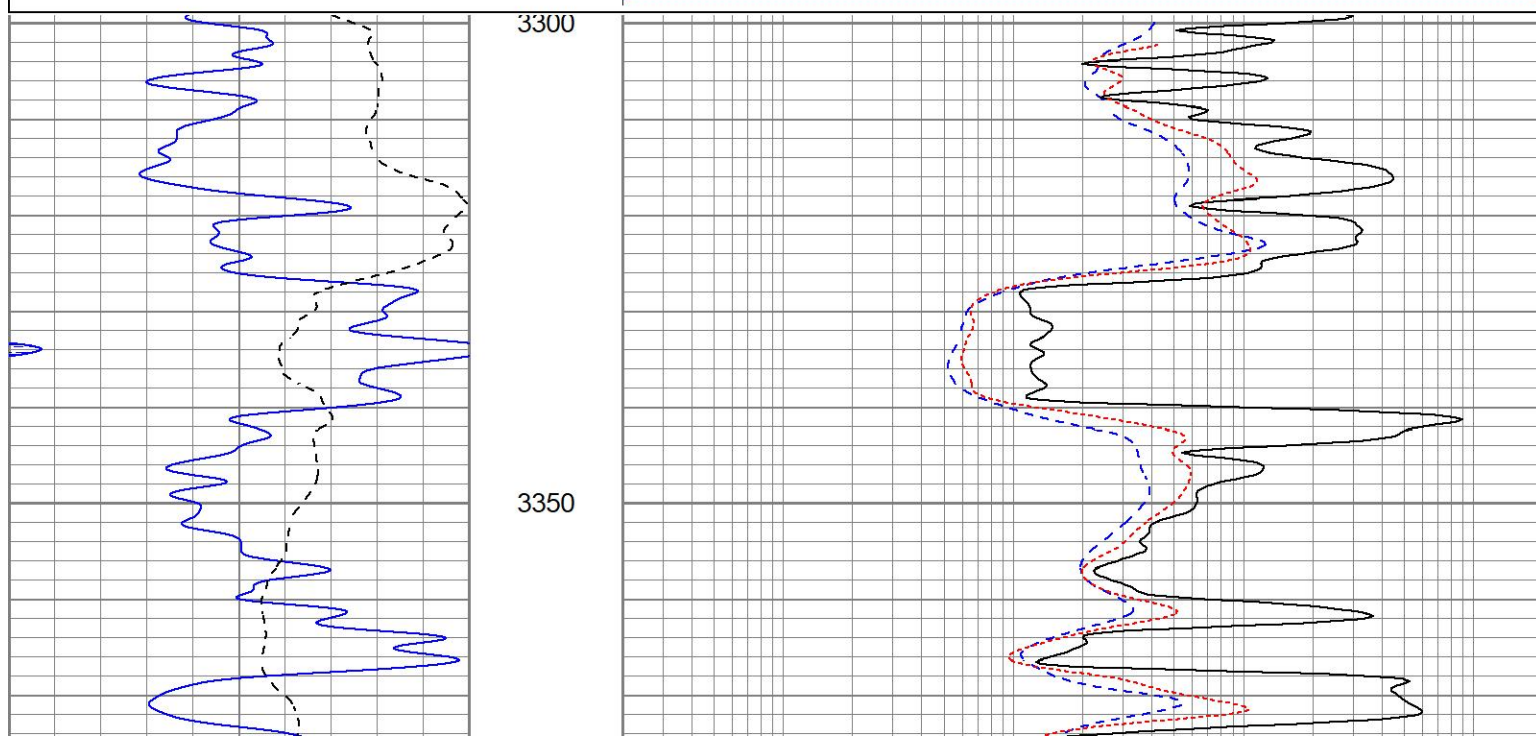


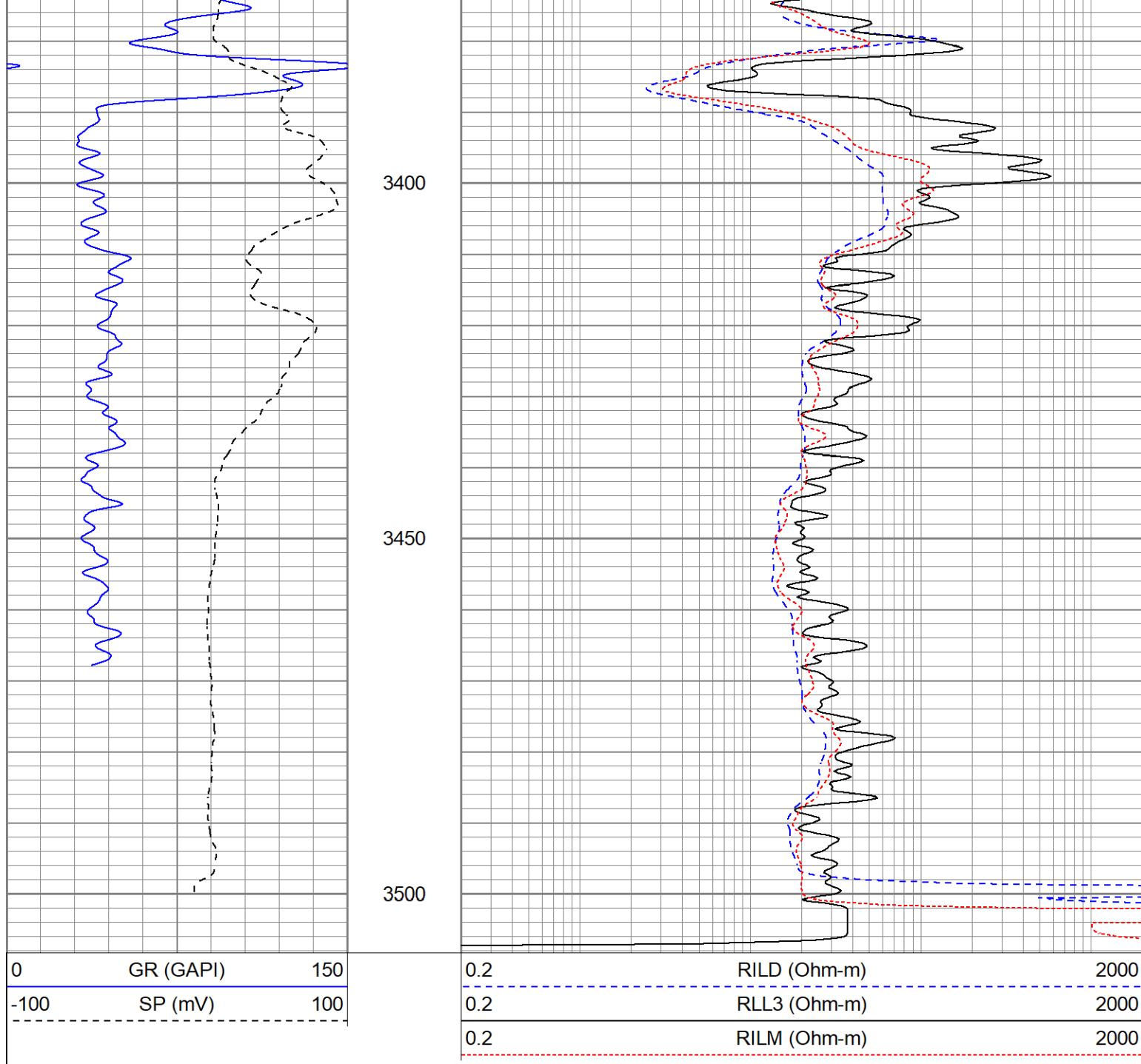


REPEAT SECTION

Database File pplegend#1oh.db
 Dataset Pathname pass2.1
 Presentation Format kdil
 Dataset Creation Mon Mar 28 12:42:44 2022
 Charted by Depth in Feet scaled 1:240

0	GR (GAPI)	150	0.2	RILD (Ohm-m)	2000
-100	SP (mV)	100	0.2	RLL3 (Ohm-m)	2000
			0.2	RILM (Ohm-m)	2000





Calibration Report								
Database File	pplegend#1oh.db							
Dataset Pathname	pass2.1							
Dataset Creation	Mon Mar 28 12:42:44 2022							
Dual Induction Calibration Report								
Serial-Model:			1842-ADM					
Surface Cal Performed:			Mon Sep 20 22:00:42 2021					
Downhole Cal Performed:			Mon Sep 20 22:00:24 2021					
After Survey Verification Performed:			Mon Sep 20 22:05:52 2021					
Surface Calibration								
Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.018	0.672	V	0.000	350.000	mmho/m	535.475	-9.896
Medium	0.003	0.769	V	0.000	400.000	mmho/m	522.607	-1.745

Medium	0.000	0.760	V	0.000	400.000	mmho/m	522.007	1.740
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.018	0.672	V	0.000	350.000	mmho/m	535.240	-9.549
Medium	0.003	0.768	V	0.000	550.000	mmho/m	718.637	-2.088

Downhole Calibration								
	Readings			References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	-0.219	349.905	mmho/m	-0.343	349.810	mmho/m	1.000	-3.124
Medium	-0.118	399.722	mmho/m	-0.226	399.745	mmho/m	1.000	-3.108
Shallow	2.536	0.025	V	500.000	2.000	Ohm-m	180.330	-1.504

After Survey Verification								
	Readings			Targets			Results	
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	-0.219	349.905	mmho/m	1.000	-3.124
Medium	0.000	0.000	mmho/m	-0.118	399.722	mmho/m	1.000	-3.108
Shallow	0.000	0.000	Ohm-m	500.000	2.000	Ohm-m	1.000	0.000

Admyr Lithodensity Calibration Report

Serial-Model:	1C-C
Source:	Blue2
Master Calibration Performed:	Tue Oct 20 08:37:42 2020

Master Calibration					
	Density		Far Detector	Near Detector	
Magnesium	1.670	g/cc	6640.15	4353.97	cps
Aluminium	2.640	g/cc	1651.98	2729.31	cps
Aluminium+Sleeve	2.640	g/cc	1651.98	2729.31	cps
Spine Angle = 71.44			Density/Spine Ratio = 0.661		
	PE		NLITH	NHARD	
Magnesium	1.900	barn	1410.00	1000.00	cps
Aluminium	2.400	barn	1101.00	918.50	cps
Aluminium+Sleeve	5.000	barn	656.00	951.00	cps
M = 0.448			B = -0.112	R = 0.999	
	Size		Reading		
Small Ring	8.30	in	8.61	V	
Large Ring	14.30	in	12.40	V	

Neutron Calibration Report

Serial Number:	AD5139	
Tool Model:	ADMY5139	
Performed:	(Not Performed)	
Calibrator Value:	1	NAPI
Calibrator Reading:	1	cps
Sensitivity:	1	NAPI/cps

Temperature Calibration Report

Serial Number: WithMC
 Tool Model: WMC
 Performed: Fri Apr 19 12:15:04 2019

	Reference	Reading
Low Reference:	0.00 degF	0.00 degF
High Reference:	1.00 degF	1.00 degF
Gain:	1.00	
Offset:	0.00	
Delta Spacing	1	

Inclinometer Calibration Report

Performed: Wed May 5 19:20:48 2021

	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	205.00	1843.00	-1.00	1.00	gee
Y Accelerometer	205.00	1843.00	-1.00	1.00	gee
Z Accelerometer					gee

Gamma Ray Calibration Report

Serial Number: WithMC
 Tool Model: WMC
 Performed: Wed May 5 19:21:08 2021

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps

Sensitivity: 1.0000 GAPI/cps