



MIDWEST WIRELINE

DUAL INDUCTION LOG

Company **Ressler Well Service, Inc.**
 Well **Myers 13**
 Field **Burton**
 County **Reno** State **Kansas**

Location: **660 FNL & 2310 FWL**
 API #: **15-155-21802-00-00**
 Other Services: **CNL/CDL**

Permanent Datum **SEC 3 TWP 24s RGE 4w**
 Log Measured From **Kelly Bushing** Elevation **1467**
 Drilling Measured From **Kelly Bushing** Elevation **1479**
 K.B. **1479**
 D.F. **1467**
 G.L. **1467**

Date	6/1/2024	
Run Number	One	
Depth Driller	3515	
Depth Logger	3518	
Bottom Logged Interval	3517	
Top Log Interval	300	
Casing Driller	13.375 @ 305	
Casing Logger	310	
Bit Size	7.875	
Type Fluid in Hole	Chemical	
Salinity, ppm CL	1500	
Density / Viscosity	9.25	54
pH / Fluid Loss	11.5	8.0
Source of Sample	FLOWLINE	
Rm @ Meas. Temp	1.2 @ 76	
Rmt @ Meas. Temp	.90 @ 76	
Rmc @ Meas. Temp	1.62 @ 76	
Source of Rmf / Rmc	CHARTS	
Rm @ BHT	.82 @ 111	
Operating Rig Time	2 Hours	
Max Rec. Temp. F	111	
Equipment Number	110	
Location	HAYS	
Recorded By	J. Henrickson	
Witnessed By	Larry Ressler	
	Brandon Wolf	

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All interpretations are opinions based on inferences from electrical or other measurements and Midwest Wireline LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Midwest Wireline LLC will not 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.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

Burton Kansas
 West to Rayl, 2 South, 1/2 West
 South Into

Log Measured From: Kelly Bushing Ft. Above Permanent Datum

THANK YOU FOR USING MIDWEST WIRELINE LLC
 785-625-3858

Your Midwest Wireline Crew

Engineer: J. Henrickson
 Operator:
 Operator:
 Operator:

This Log Record Was Witnessed By

Primary Witness: Larry Ressler
 Secondary Witness: Brandon Wolf
 Secondary Witness:
 Secondary Witness:

Case	Offset (ft)	Depth	Description	Length (ft)	O.D. (in)	Weight (lb)
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Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	32.75		GR-M&W (105)	3.00	3.50	50.00
CNLSC CNSSC	29.65 28.90		CNT-M&W (210)	5.00	3.50	100.00
LSD DCAL SSD	20.60 20.58 20.10		CDL-M&W (303-03)	8.50	4.00	250.00
RLL3F RLL3	15.50 15.50		DIL-M&W (506)	18.25	3.50	220.00
CILD	8.33		CILM	4.50		
SP	0.20					

Dataset: ressler_myers_3.db: field/well/stack/pass3.1
 Total length: 34.75 ft
 Total weight: 620.00 lb
 O.D.: 4.00 in

Log Variables

DatabaseC:\ProgramData\Warrior\Data\ressler_myers_3.db
 Dataset field/well/stack/pass3.1/_vars_

Top - Bottom

A	BOREID in	BOTTEMP degF	CASEOD in	CASETHCK in	FLUIDDEN g/cc	M	MATRXDEN g/cc
1	7.875	111	5.5	0	1	2	2.71
NPORSEL	PERFS	SNDERR mmho/m	SNDERRM mmho/m	SPSHIFT mV	SRFTEMP degF	SZCOR	TDEPTH ft
Limestone	No	0	0	42	63	Off	3515

Variable Description

A : Cement Factor (a)
 BOREID : Borehole I.D.
 BOTTEMP : Bottom Hole Temperature
 CASEOD : Casing O.D.
 CASETHCK : Casing Thickness
 FLUIDDEN : Fluid Density
 M : Cement Exp (m)
 MATRXDEN : Matrix Density

NPORSEL : Neutron Porosity Curve Select
 PERFS : Perforation Flag
 SNDERR : Deep Sonde Error Correction
 SNDERRM : Medium Sonde Error Correction
 SPSHIFT : S.P. Baseline Offset
 SRFTEMP : Surface Temperature
 SZCOR : CN Size Cor. ?
 TDEPTH : Total Depth

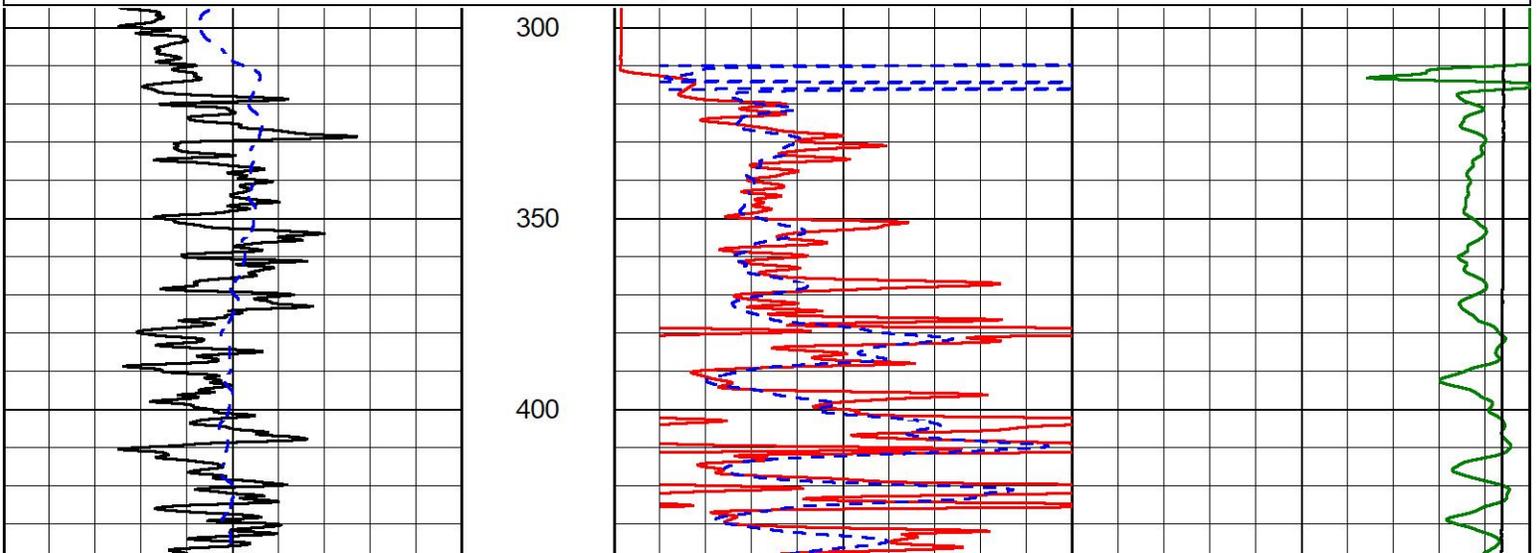


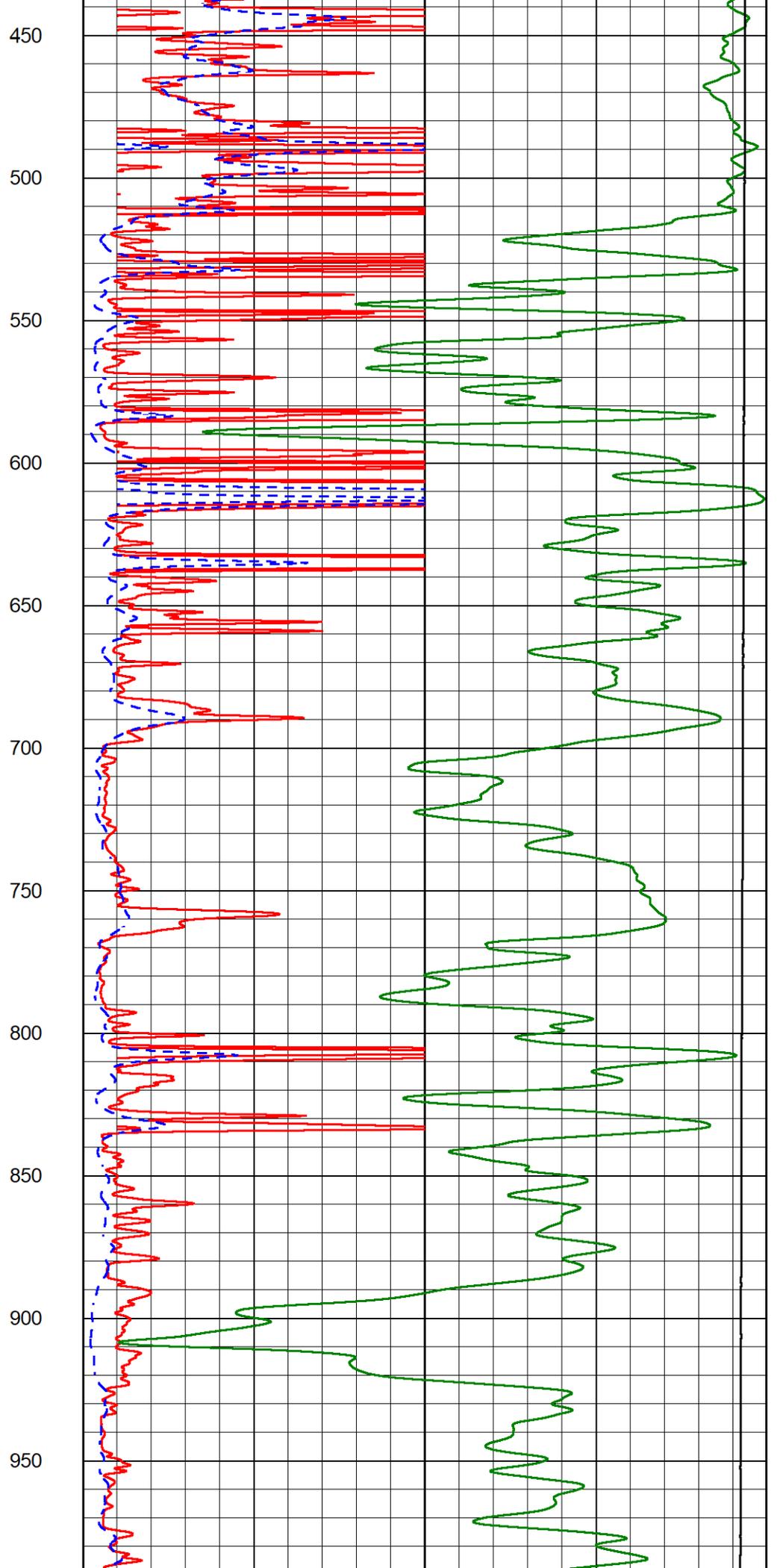
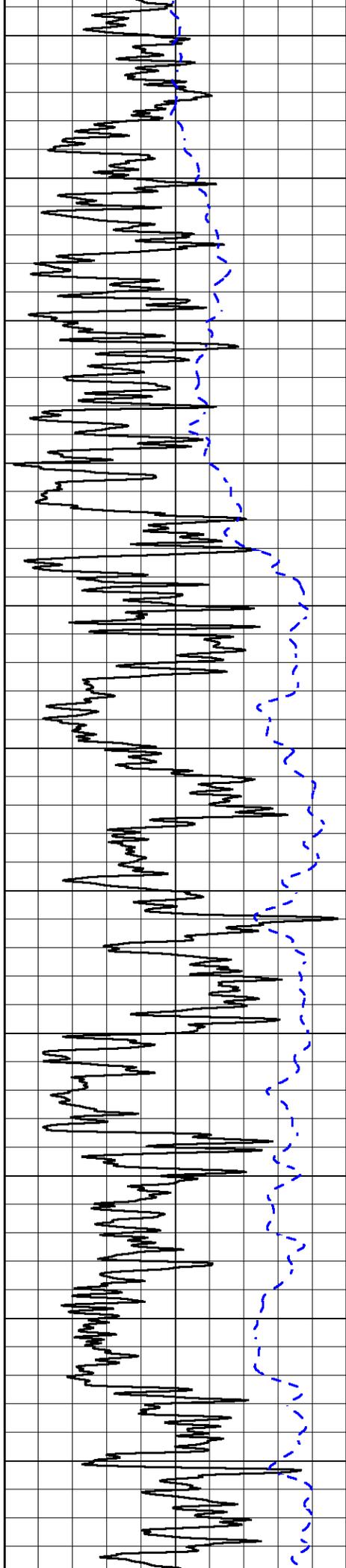
2" SCALE RESISTIVITY

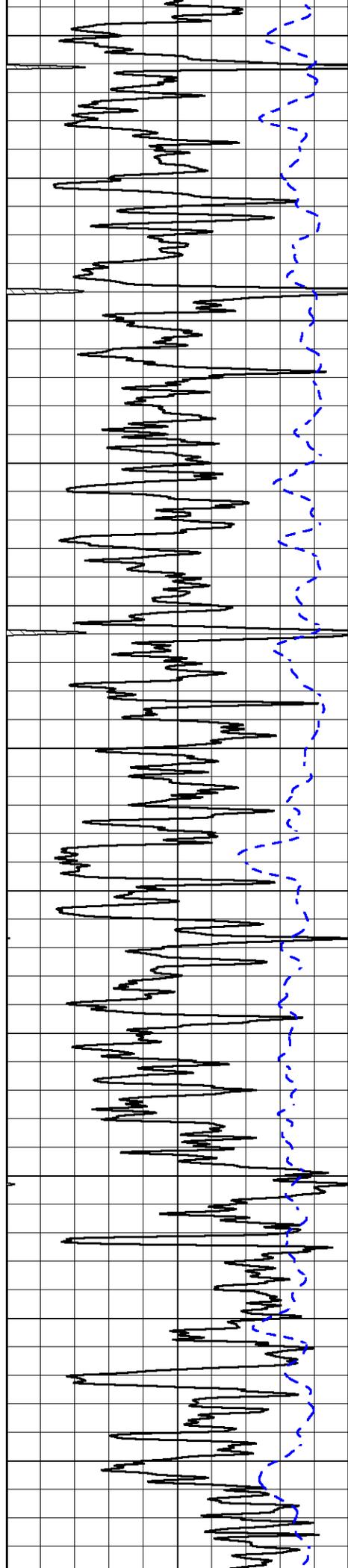
MAIN PASS

Database File ressler_myers_3.db
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 Presentation Format _dil2in
 Dataset Creation Sat Jun 01 02:41:05 2024
 Charted by Depth in Feet scaled 1:600

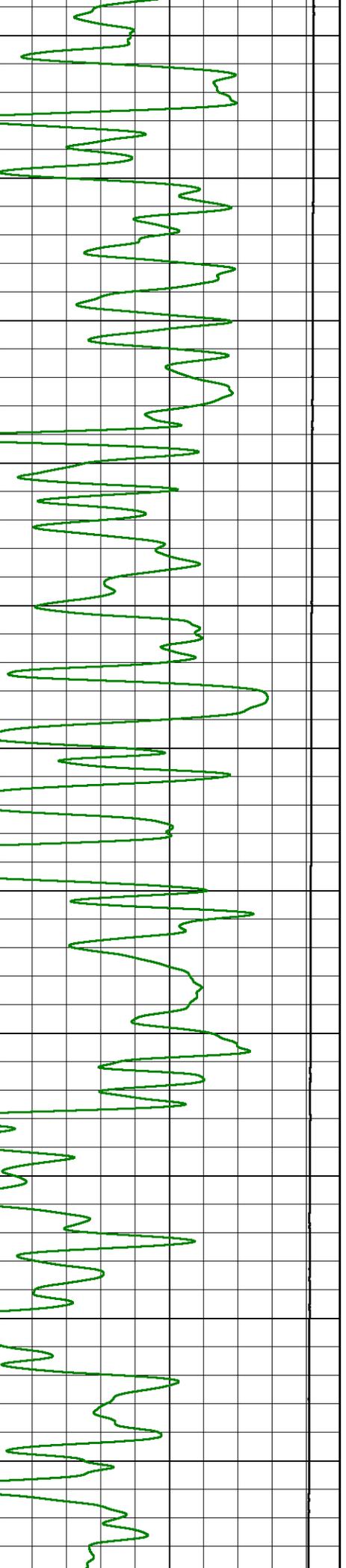
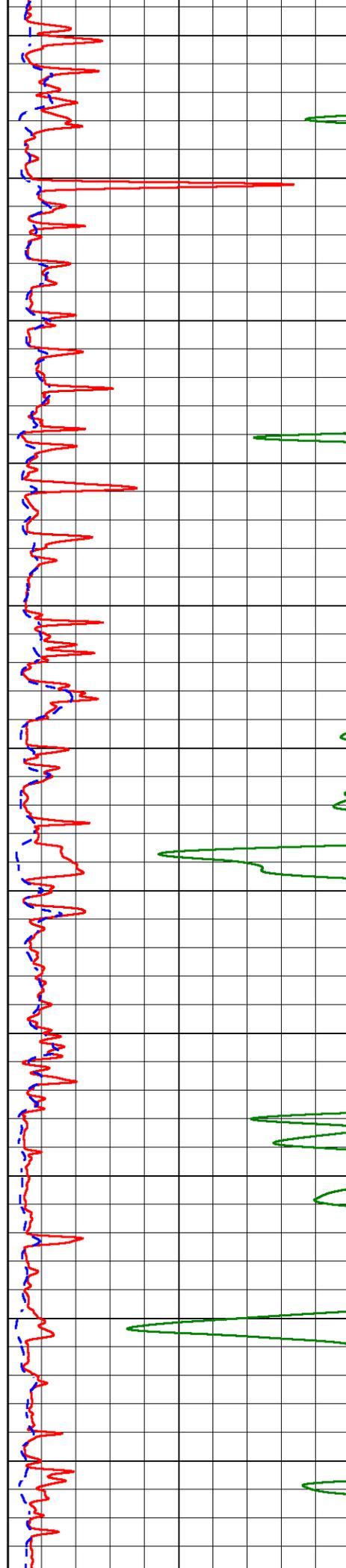
0	Gamma Ray (GAPI)	150	1000	Conductivity (mmho/m)	0
-200	SP (mV)	0	15000	Line Tension (lb)	0
			0	Shallow Resistivity (Ohm-m)	50
			0	Deep Resistivity (Ohm-m)	50
			Shallow Resistivity		
			50	(Ohm-m)	200
			50	Deep Resistivity (Ohm-m)	200

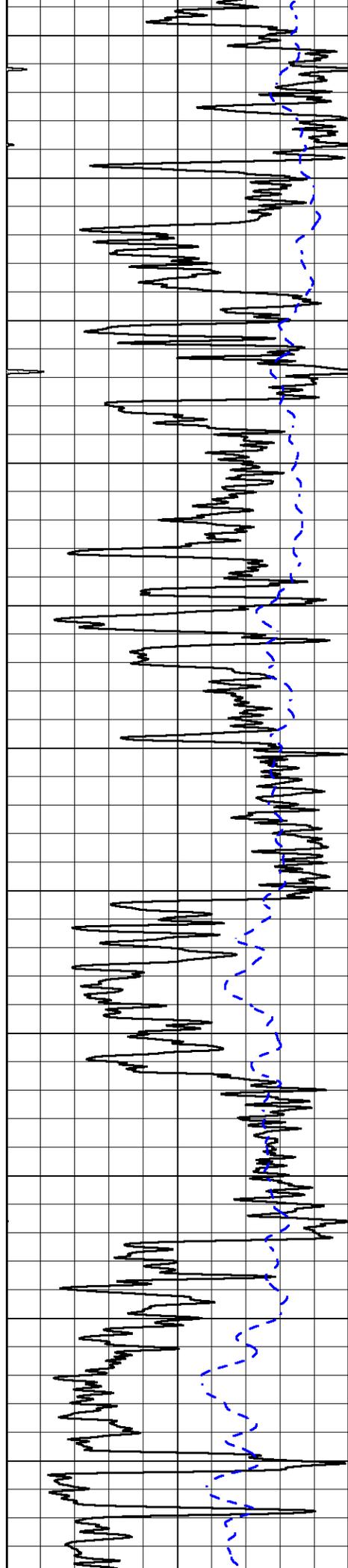




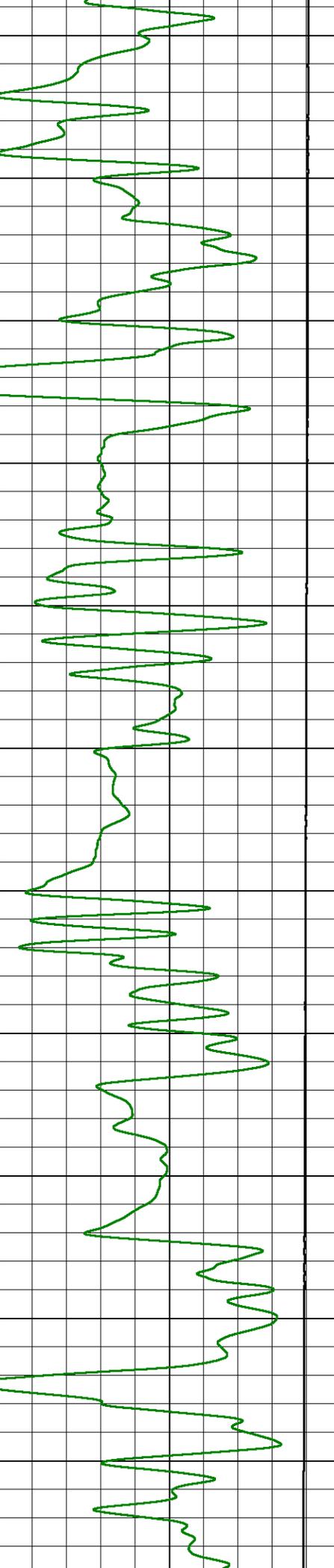
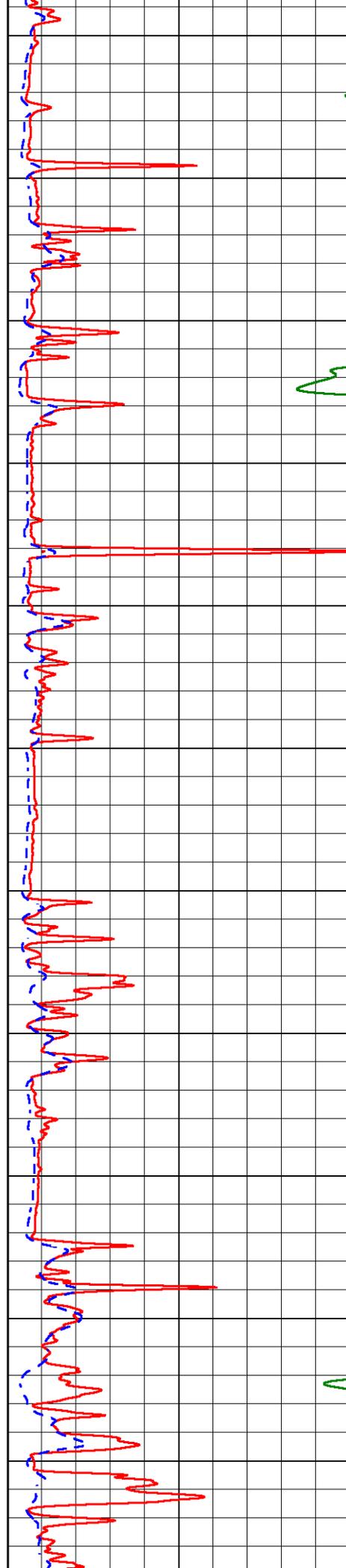


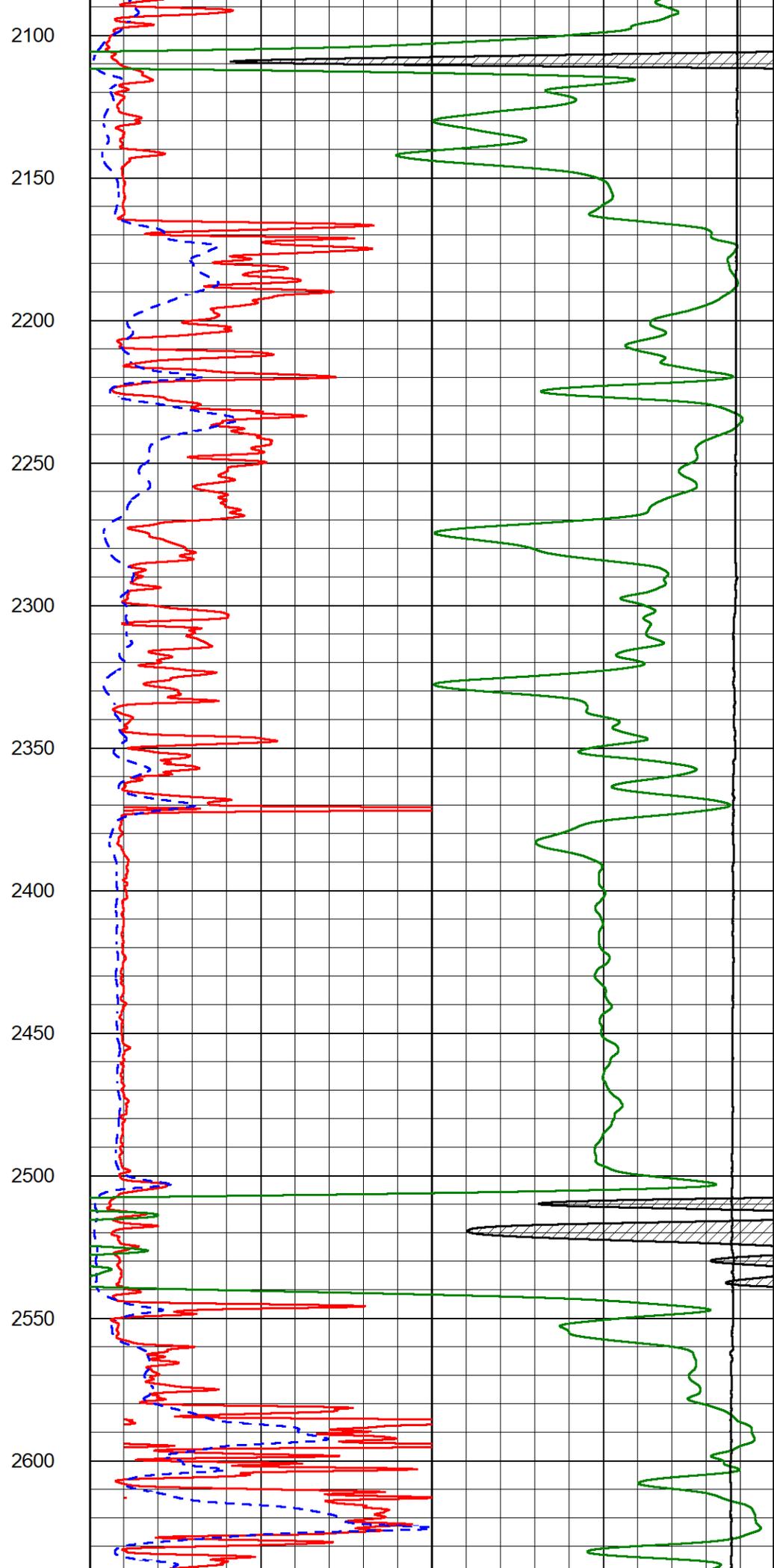
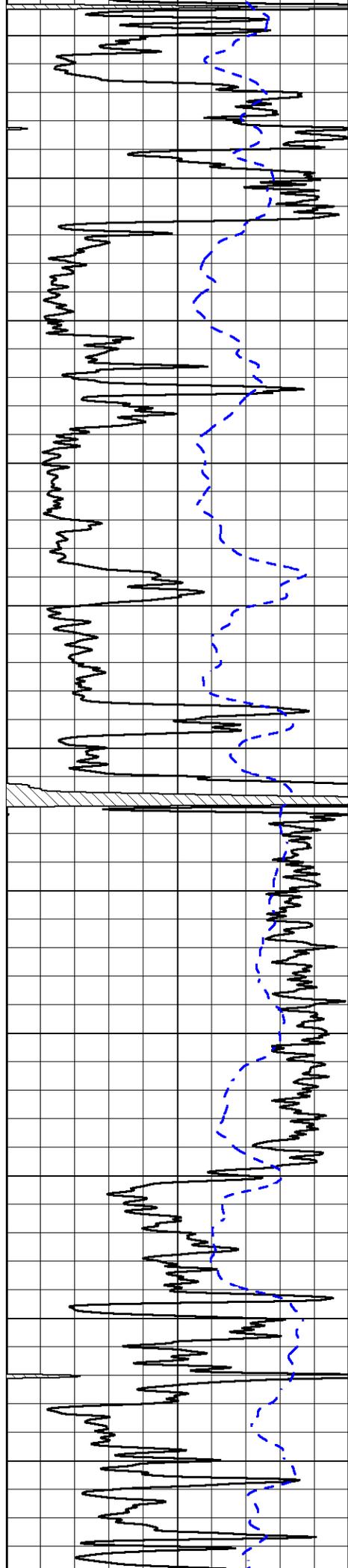
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1050
1100
1150
1200
1250
1300
1350
1400
1450
1500

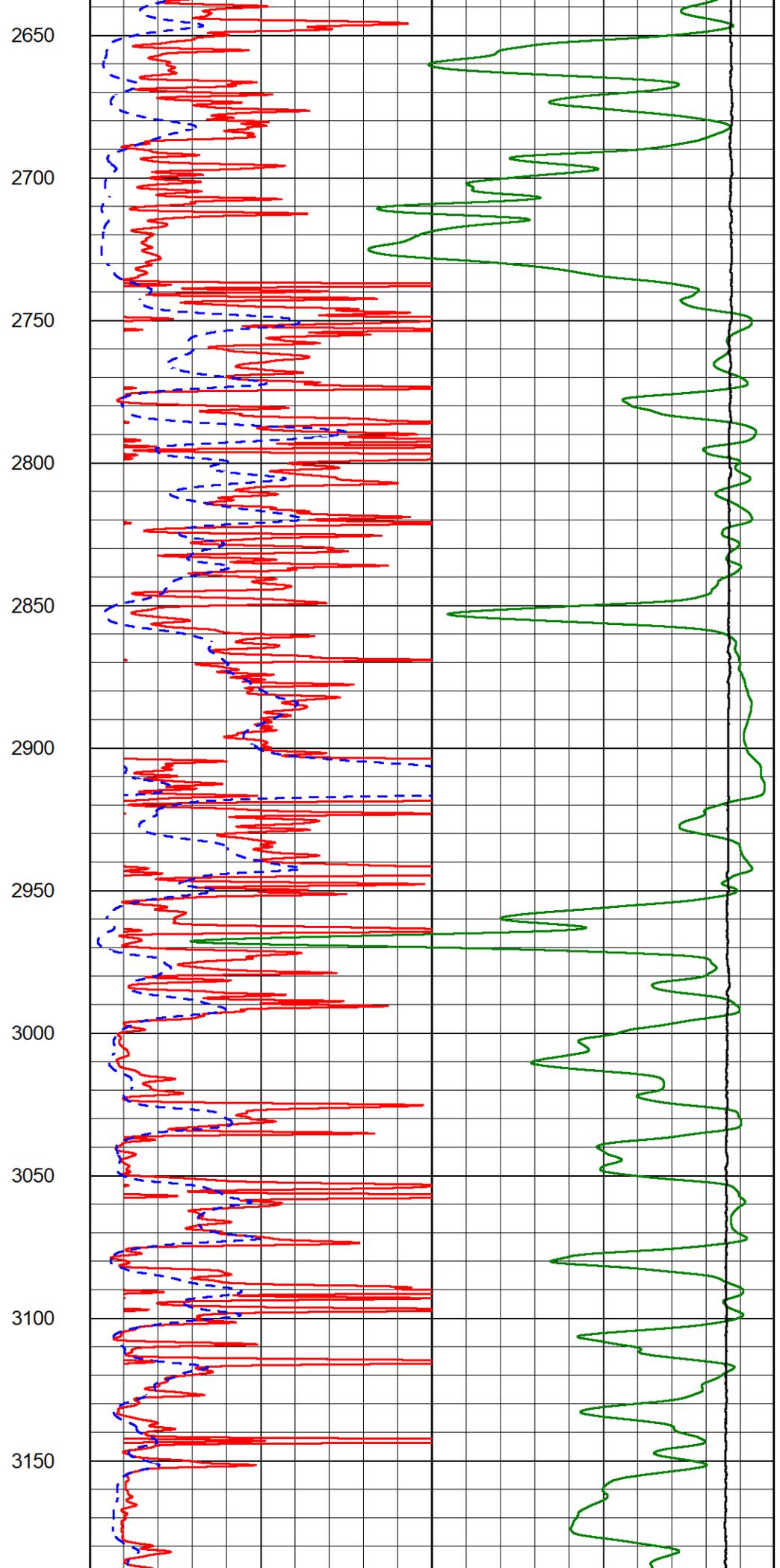
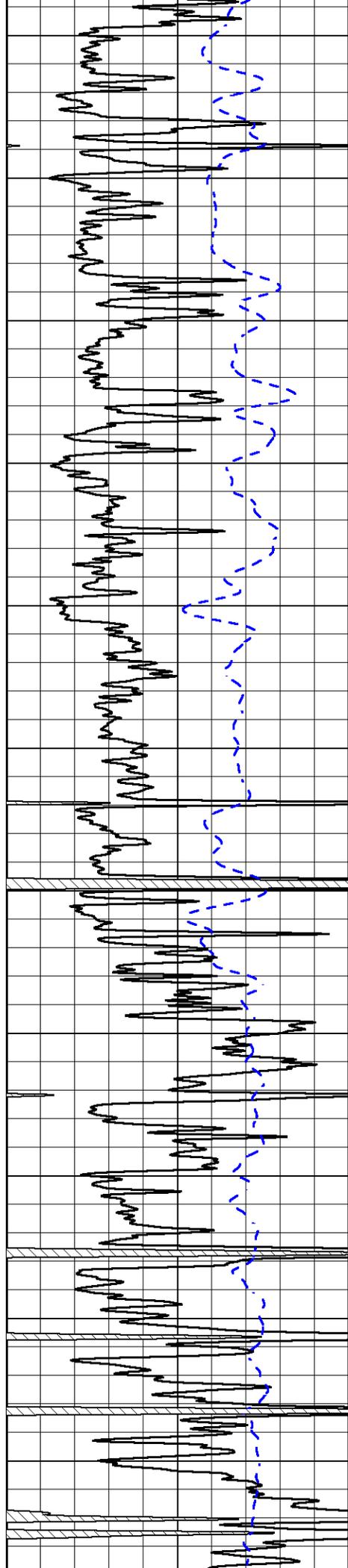


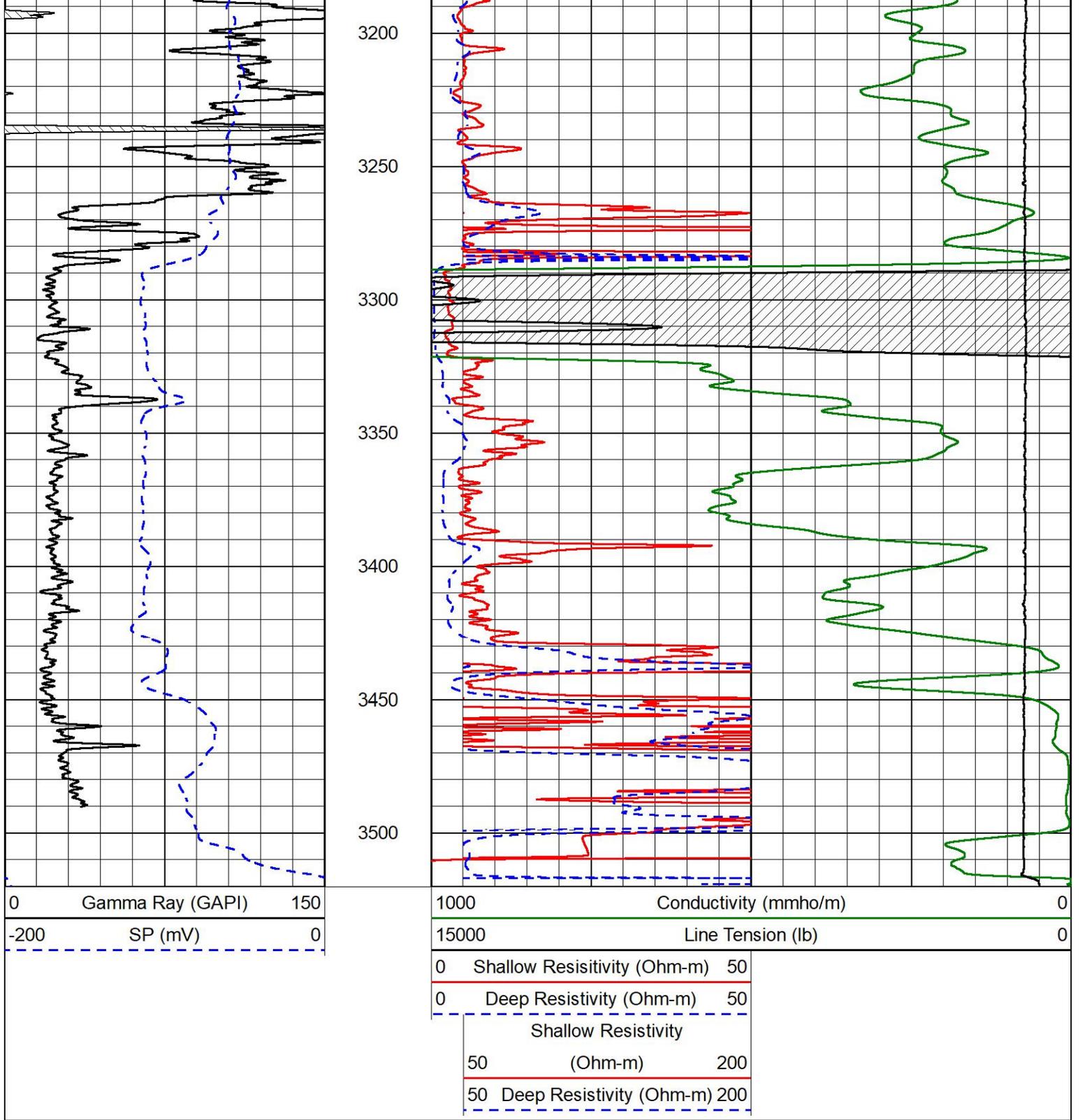


1550
1600
1650
1700
1750
1800
1850
1900
1950
2000
2050









DETAIL SECTION

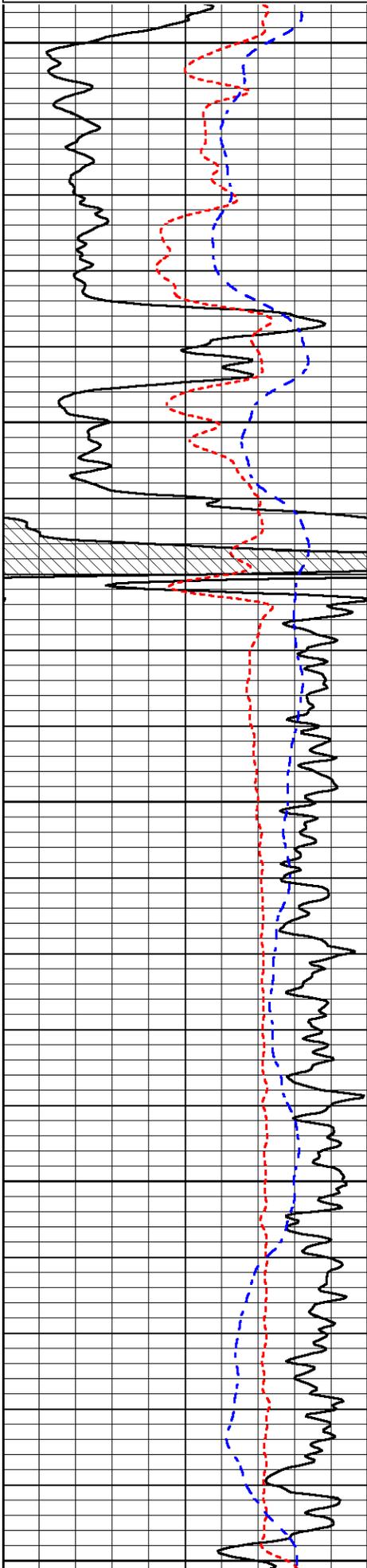
MAIN PASS

Database File ressler_myers_3.db
 Dataset Pathname stack/pass3.1
 Presentation Format _dil
 Dataset Creation Sat Jun 01 02:41:37 2024
 Charted by Depth in Feet scaled 1:240



50 RXUR1 250
-200 SP (mV) 0

0.2 Medium Resistivity (Ohm-m) 2000
0.2 RLL3 (Ohm-m) 2000
10000 Line Tension (lb) 0



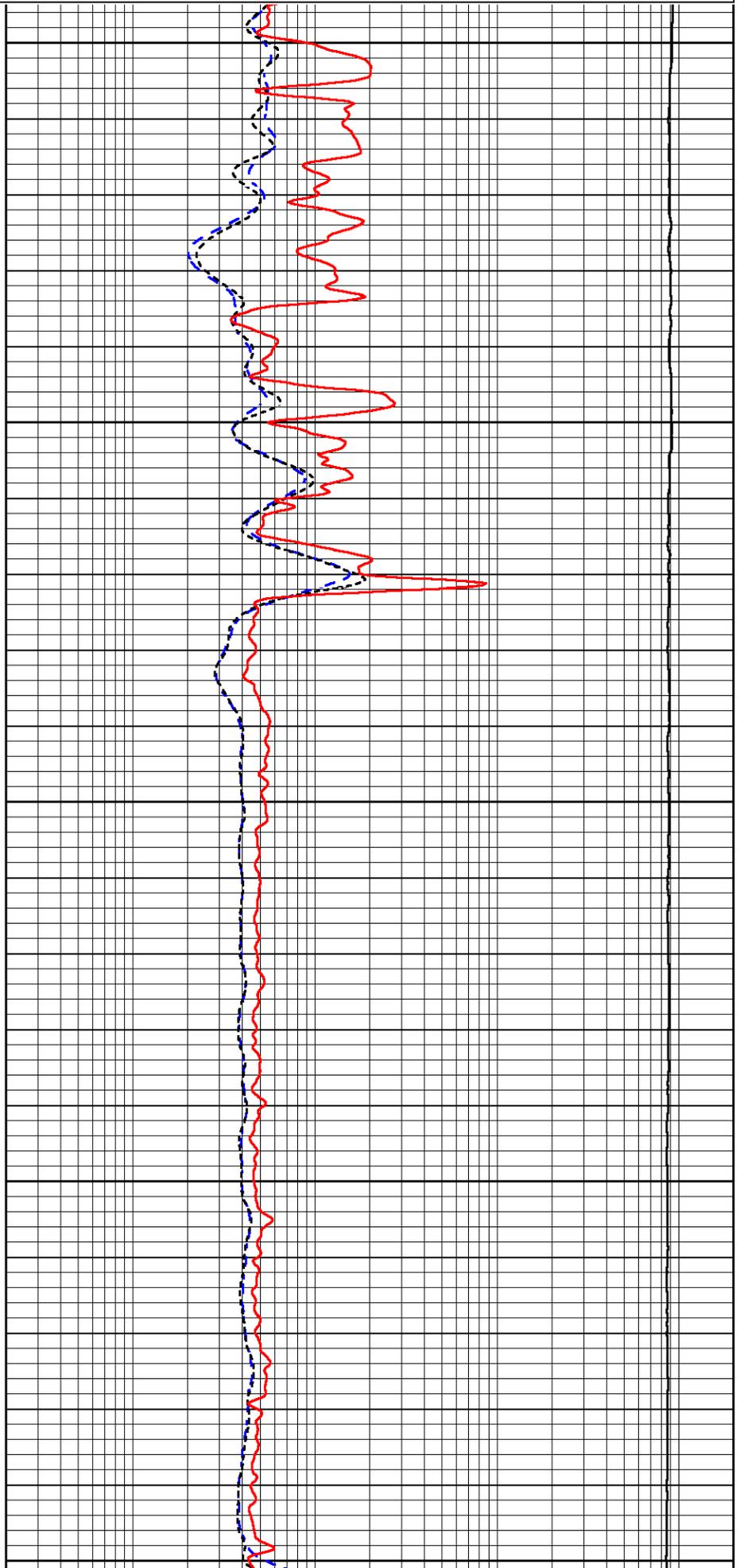
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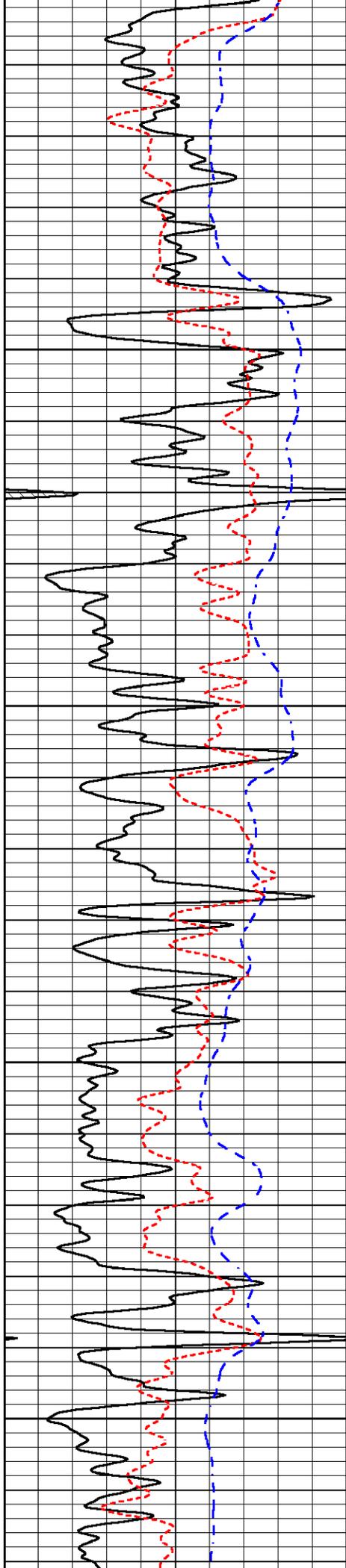
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2400

2450

2500



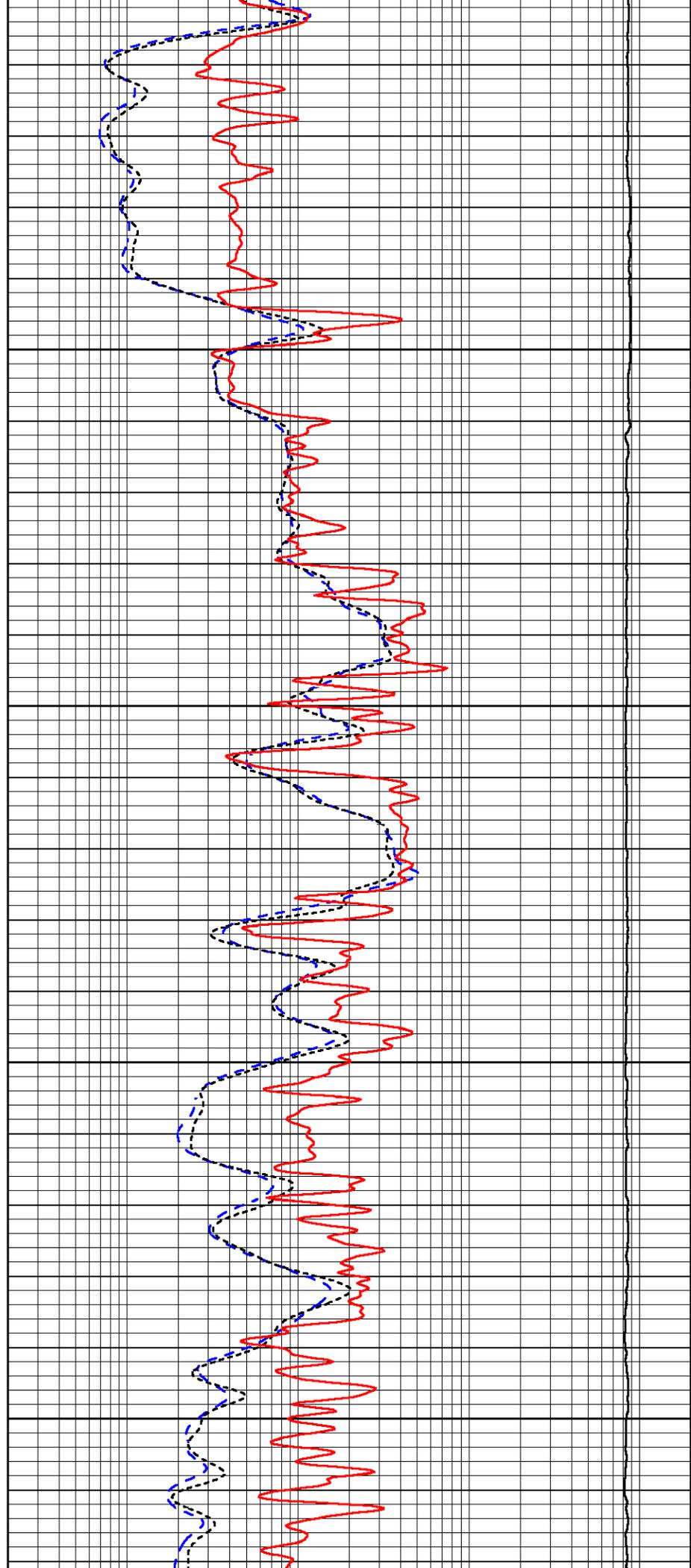


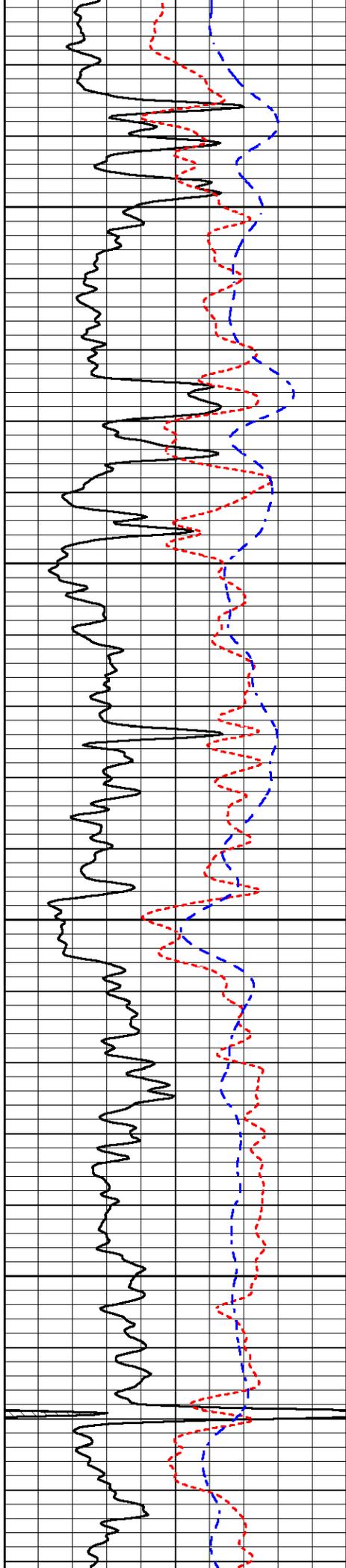
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2600

2650

2700



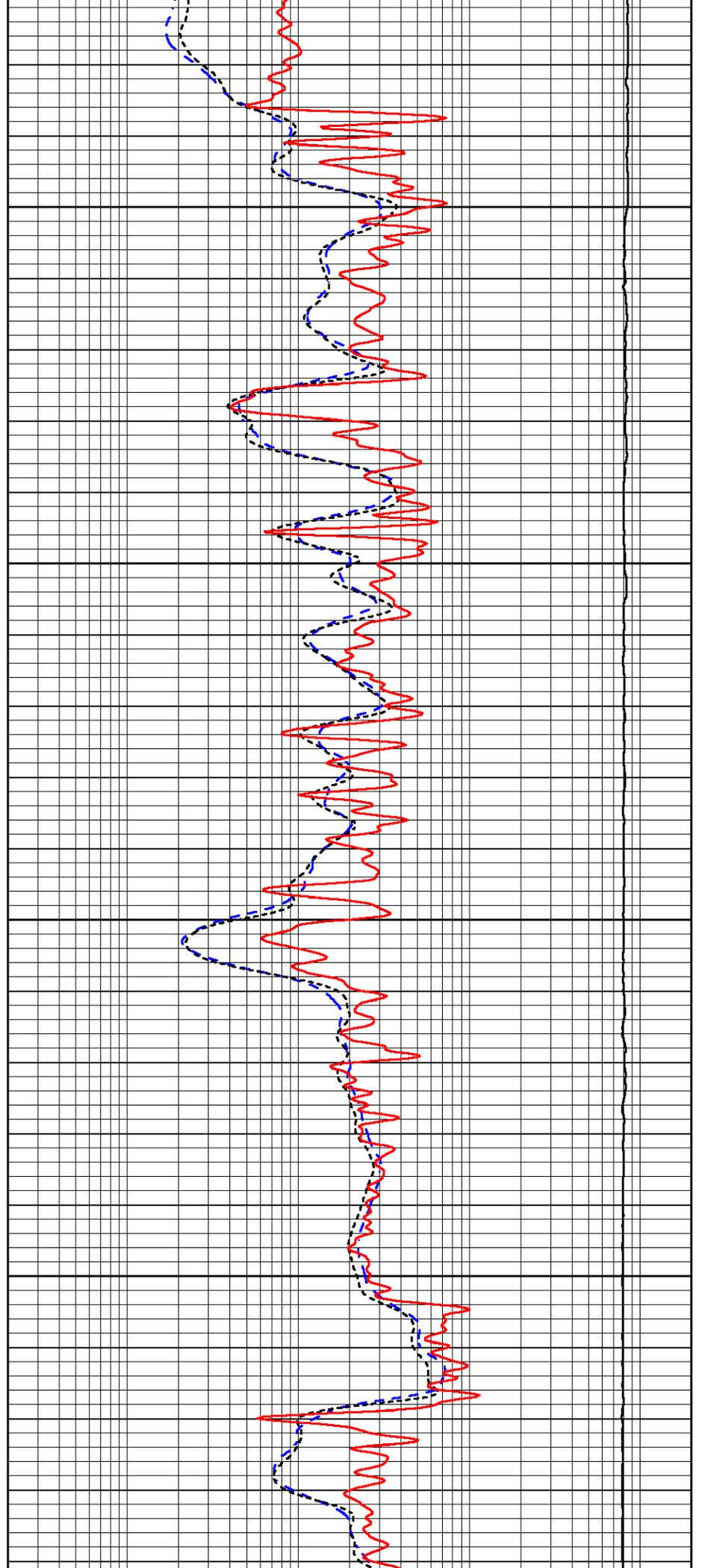


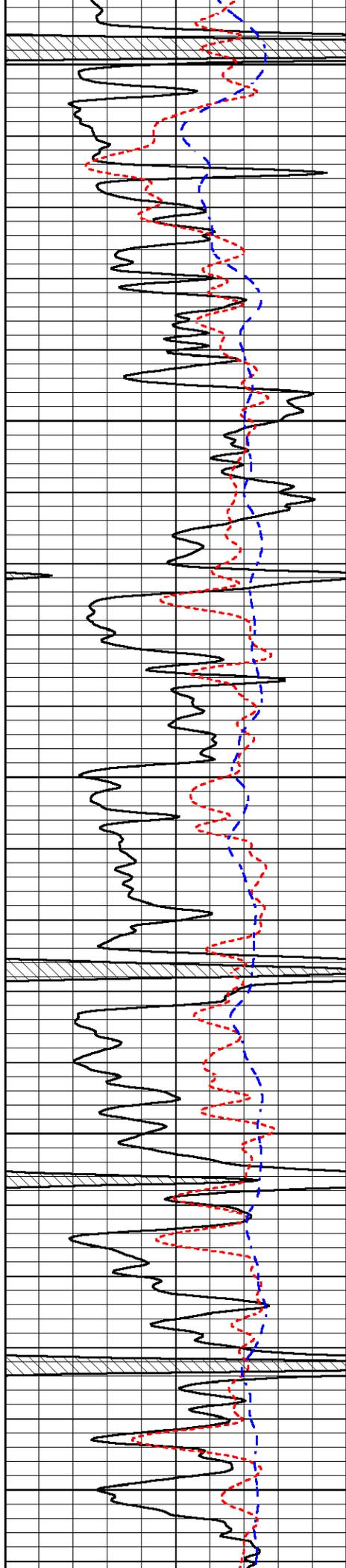
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2800

2850

2900





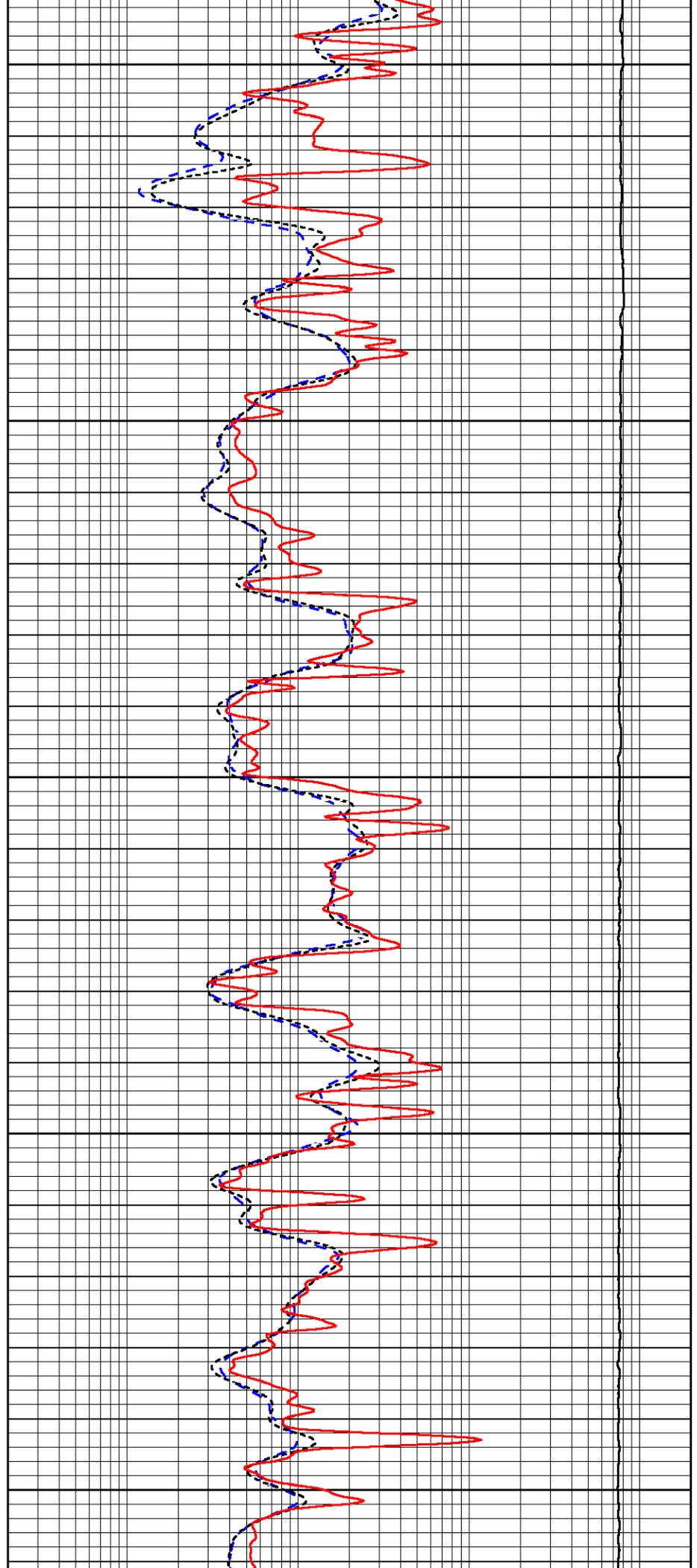
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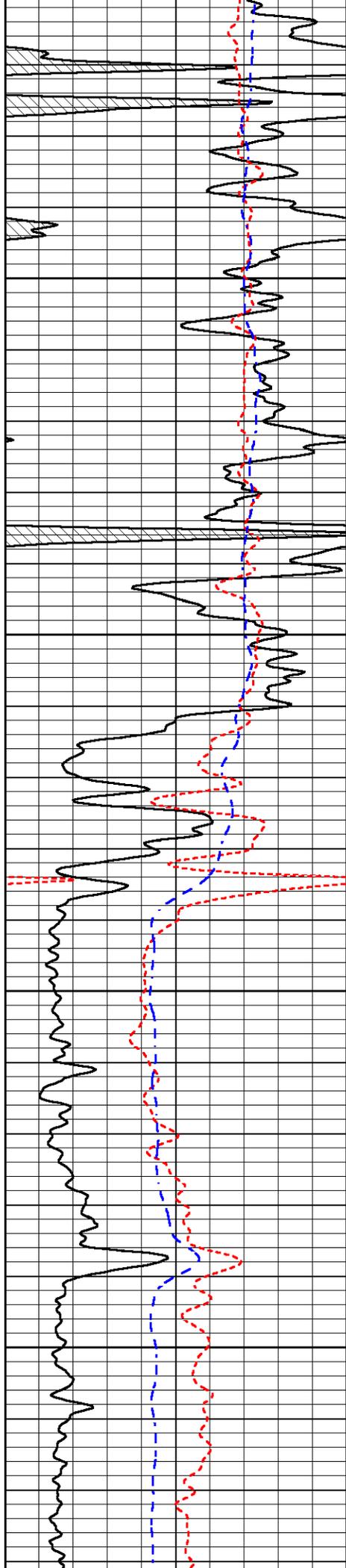
3000

3050

3100

3150



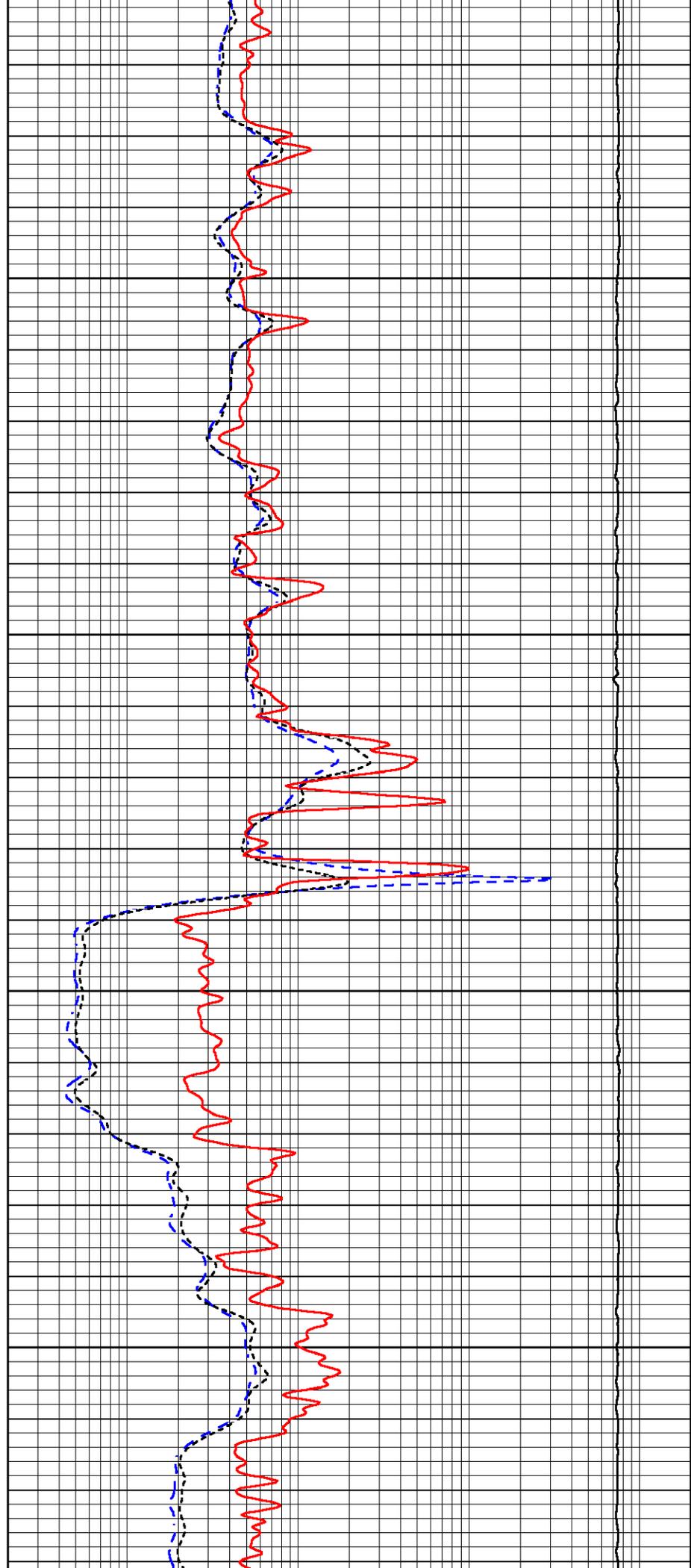


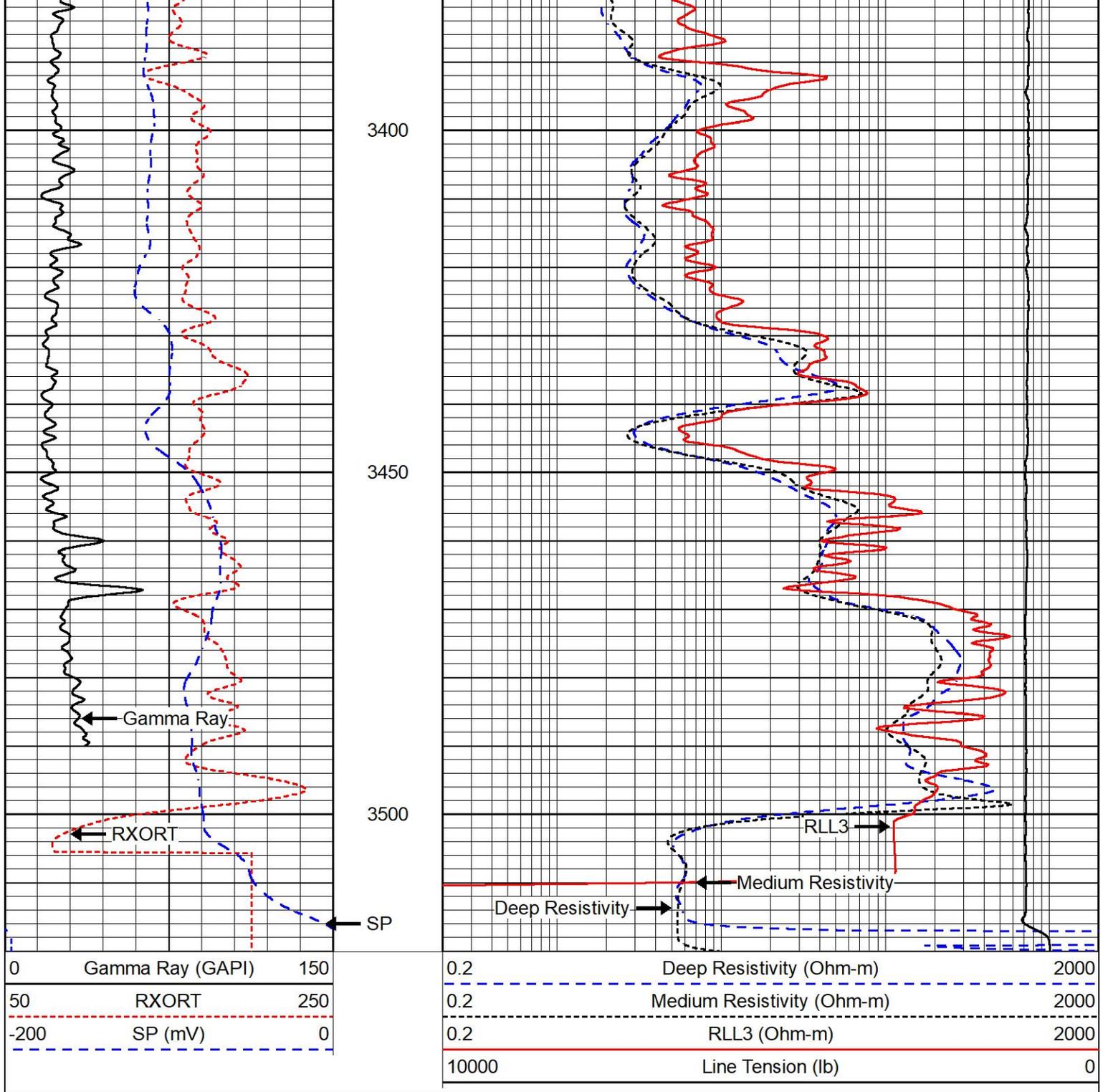
3200

3250

3300

3350



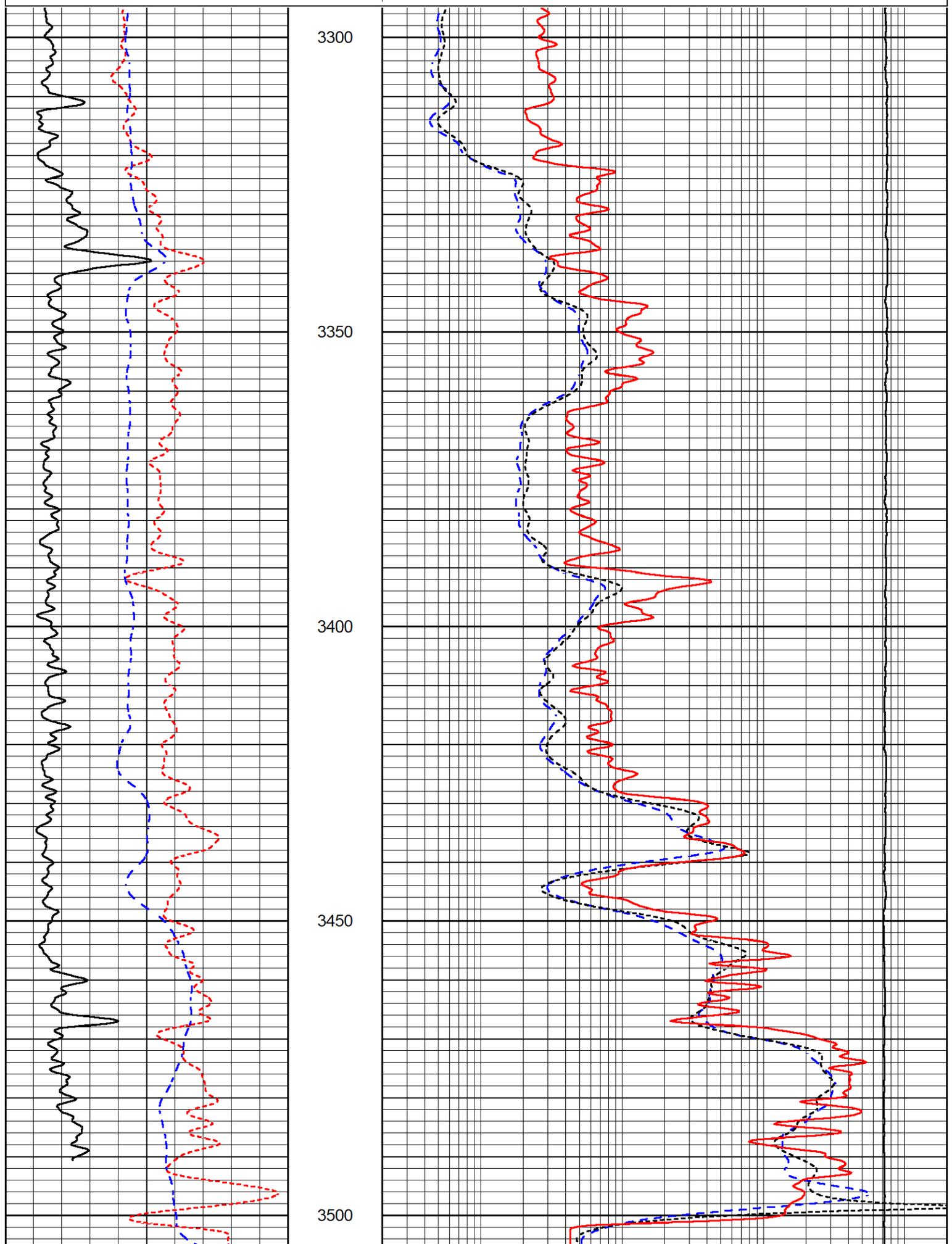


REPEAT SECTION

REPEAT PASS

Database File ressler_myers_3.db
 Dataset Pathname stack/pass2.1
 Presentation Format _dil
 Dataset Creation Sat Jun 01 02:20:53 2024
 Charted by Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	0.2	Deep Resistivity (Ohm-m)	2000
50	RXORT	250	0.2	Medium Resistivity (Ohm-m)	2000
-200	SP (mV)	0	0.2	RLL3 (Ohm-m)	2000



Serial Number: 105
Tool Model: M&W
Performed: Sat Oct 21 23:48:19 2023

Calibrator Value: 500.0 GAPI

Background Reading: 24.0 cps
Calibrator Reading: 637.0 cps

Sensitivity: 0.6000 GAPI/cps



Company Ressler Well Service, Inc.
Well Myers 13
Field Burrton
County Reno
State Kansas