



DUAL INDUCTION LOG

Company	TRIPLE CROWN OPERATING LLC		
Well	DAVID #1-35		
Field	REINERT		
County	NESS	State	KANSAS
Location:	API # : 15-135-26212		Other Services
	1810" FNL & 1140' FEL		SON
	SEC 35 TWP 20S RGE 23W		ML
Permanent Datum	Ground Level	Elevation	2253'
Log Measured From	KB 12' AGL		
Drilling Measured From	KB		
			Elevation
			K.B. 2265
			D.F. 2263
			G.L. 2253
Date	11/6/23		
Run Number	One		
Depth Driller	4571		
Depth Logger	4570		
Bottom Logged Interval	4568		
Top Log Interval	00		
Casing Driller	8 5/8"@1489'		
Casing Logger	1489'		
Bit Size	7 7/8"		
Type Fluid in Hole	Chemical		
Density / Viscosity	9.5/61		
pH / Fluid Loss	10.0/9.2		
Source of Sample	Pit		
Rm @ Meas. Temp	1.6@70degf		
Rmf @ Meas. Temp	1.2@70degf		
Rmc @ Meas. Temp	1.92@70degf		
Source of Rmf / Rmc	Calculated		
Rm @ BHT	1.07@105degf		
Time Circulation Stopped	11:00 AM		
Time Logger on Bottom	1:00 PM		
Maximum Recorded Temperature	105degf		
Equipment Number	T-605		
Location	Hays, KS.		
Recorded By	COLBY DREILING		
Witnessed By	SEAN DEENIHAN		

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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

FROM NESS CITY, GO 11.2 MILES SOUTH ON HW 283, THEN 4 MILES EAST ON 20 RD, THEN 0.8 MILES SOUTH, AND FINALLY SOUTH INTO.

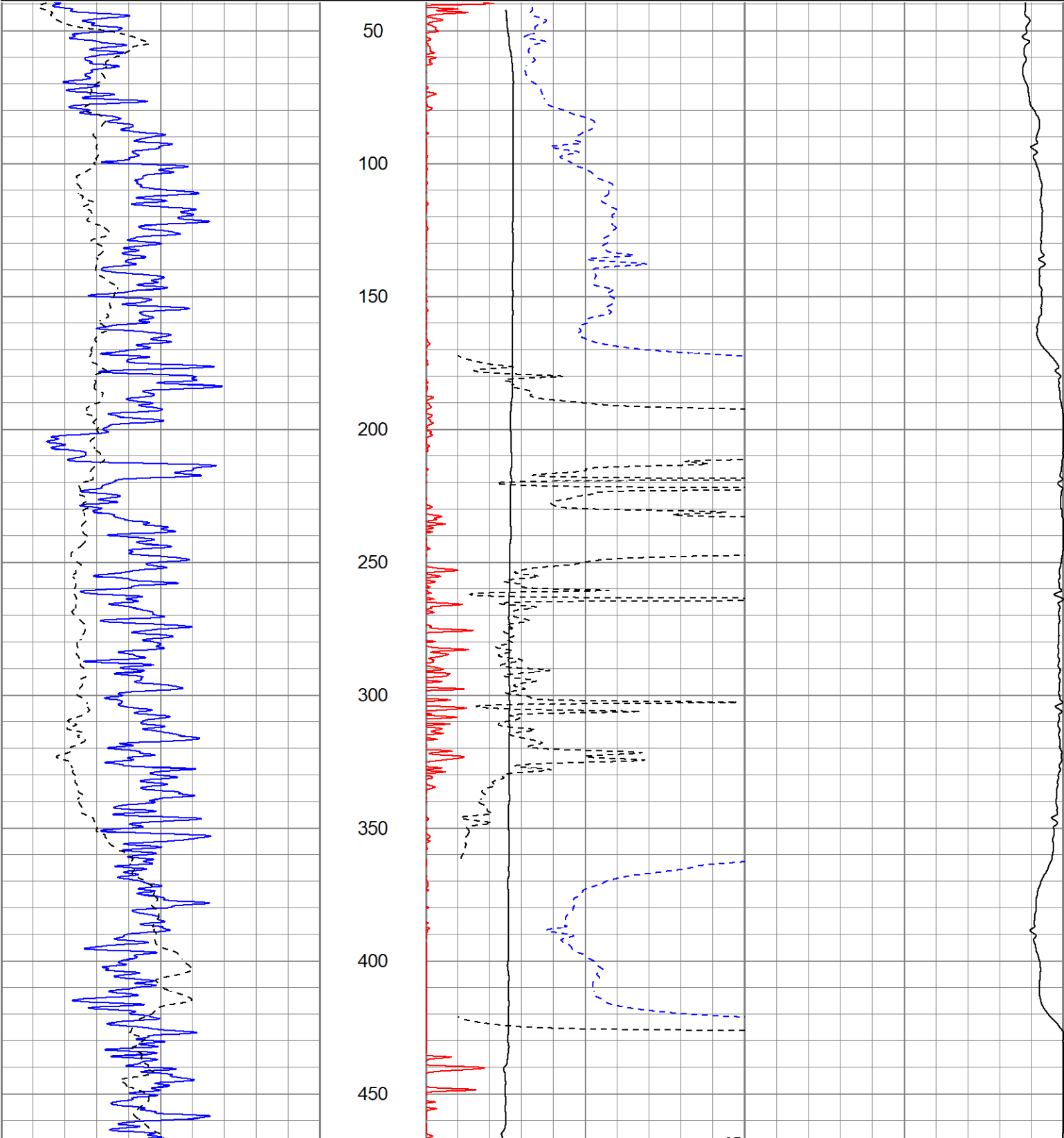
Thanks for using Gemini Wireline LLC
785-625-1182

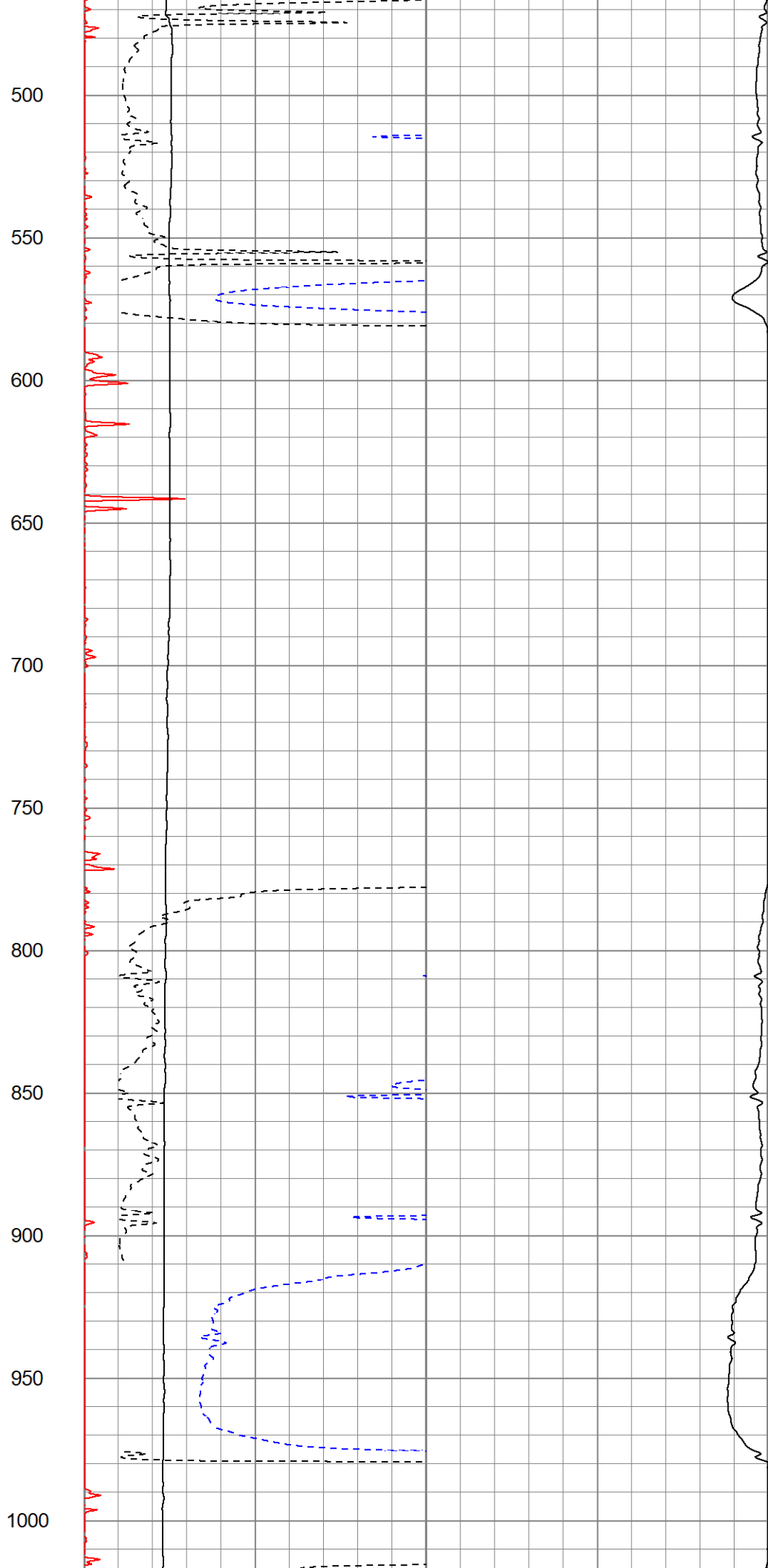
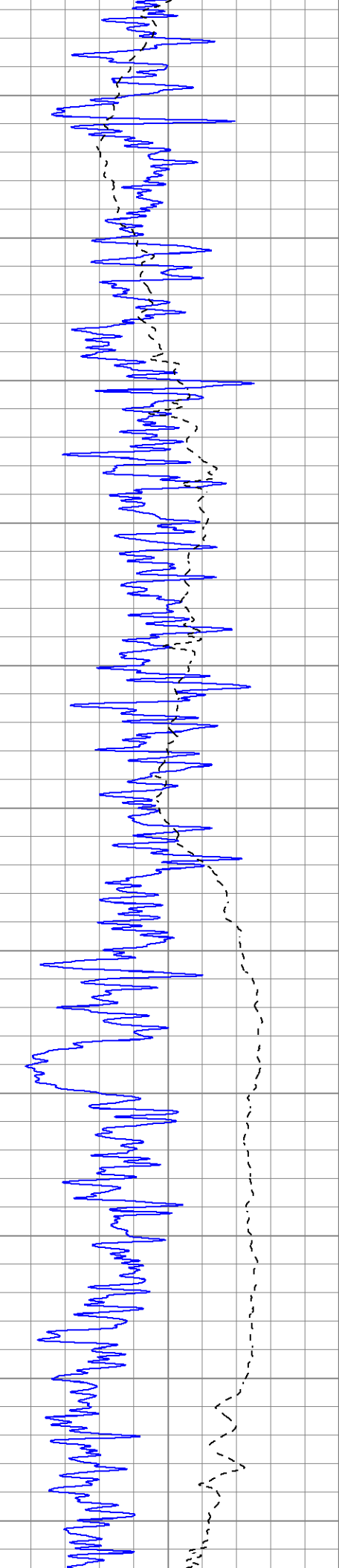


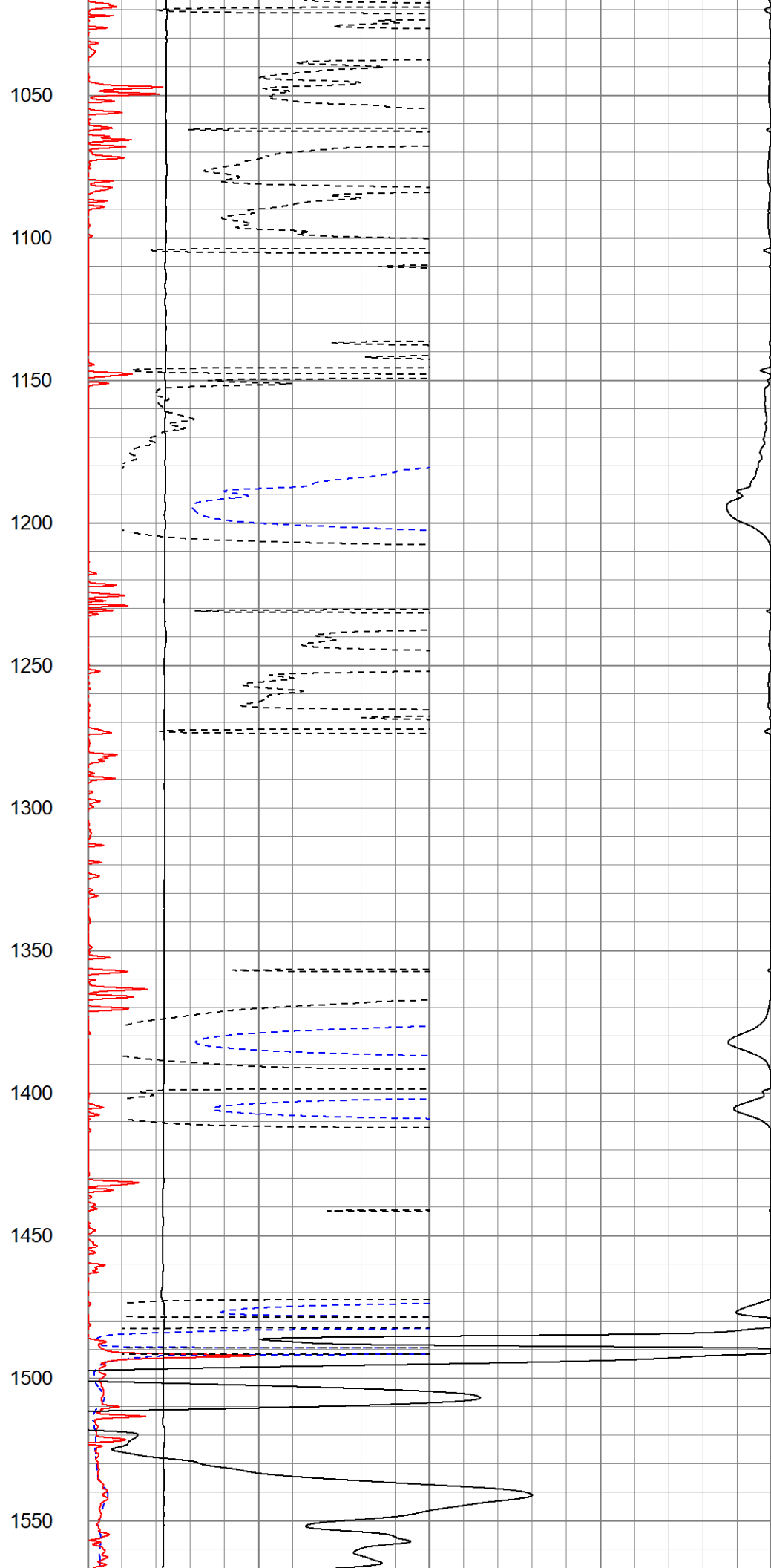
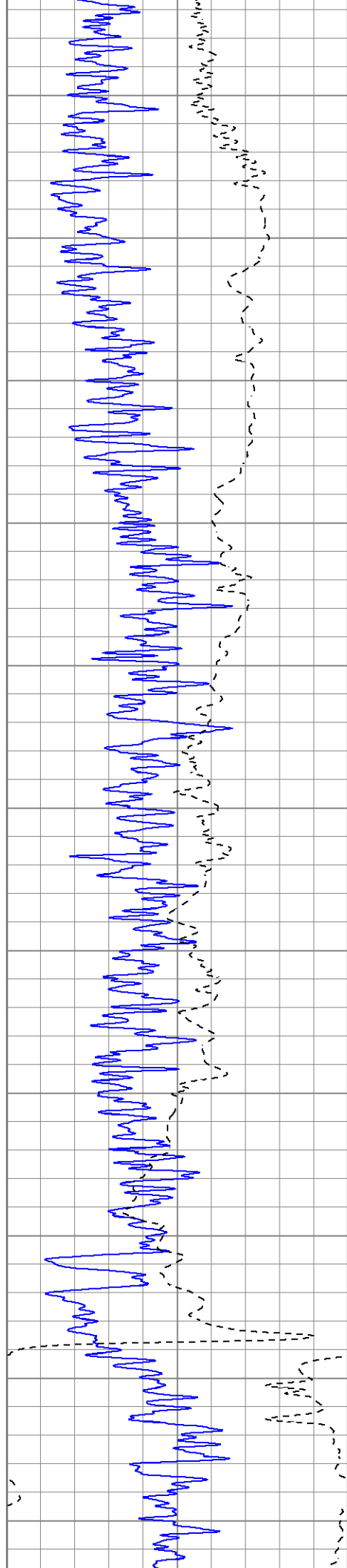
MAIN PASS

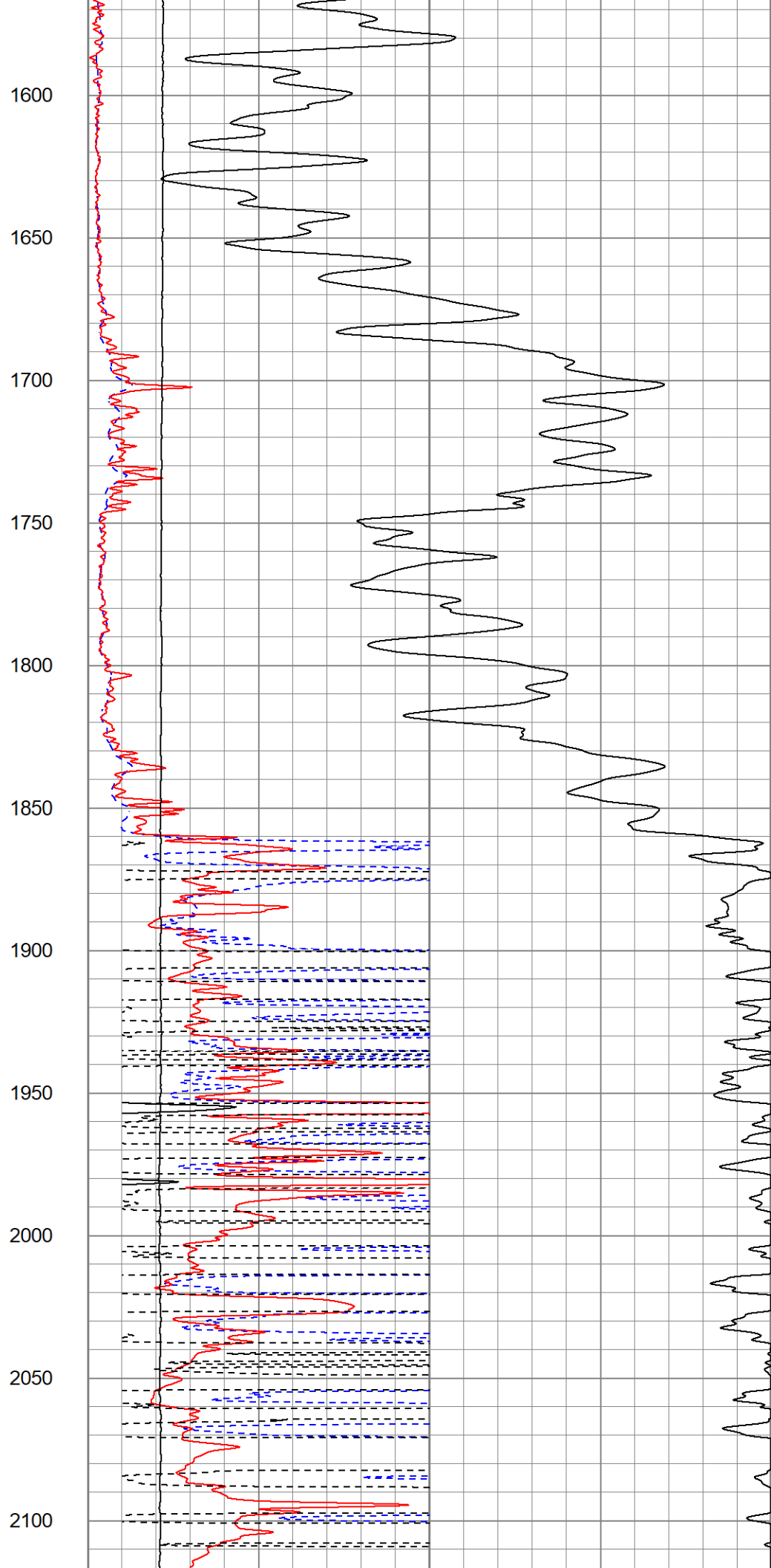
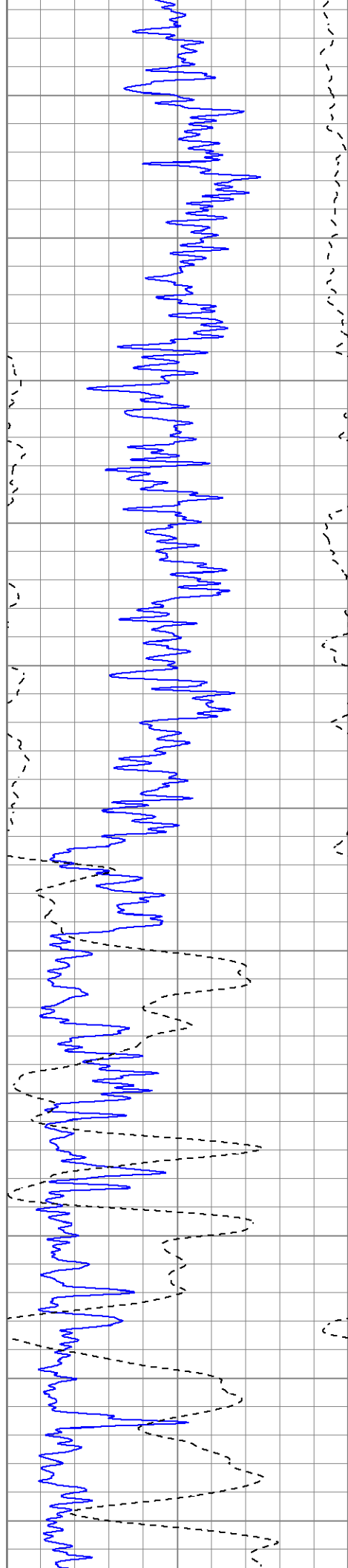
Database File	tcdavid#1-35oh.db
Dataset Pathname	pass3.1
Presentation Format	kdillinn
Dataset Creation	Mon Nov 06 14:54:01 2023
Charted by	Depth in Feet scaled 1:600

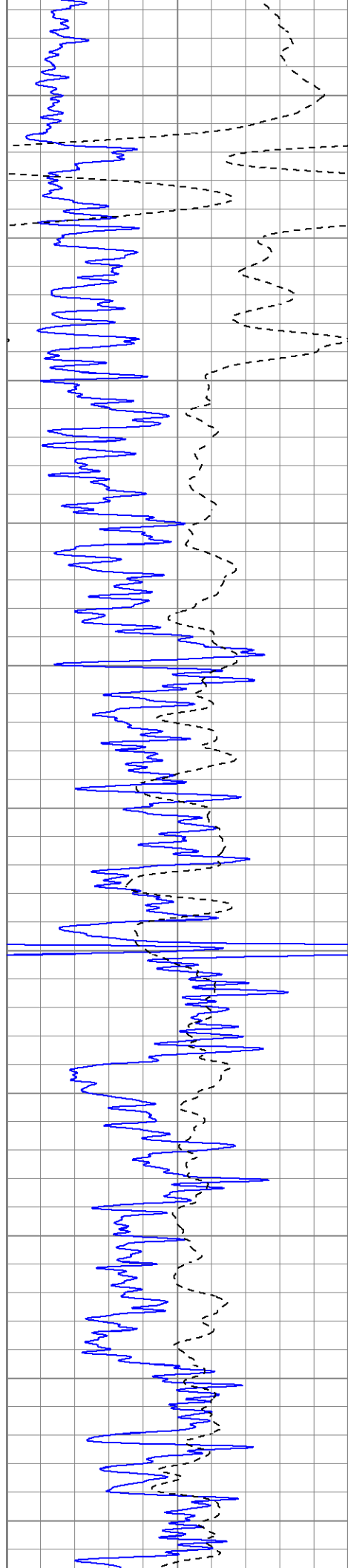
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-100	SP (mV)	100	10000	LTEN (lb)	0
			0	RILD (Ohm-m)	50
			0	RLL3 (Ohm-m)	50
			50	RILD x 10 (Ohm-m)	500
			50	RLL3 x 10 (Ohm-m)	500











2150

2200

2250

2300

2350

2400

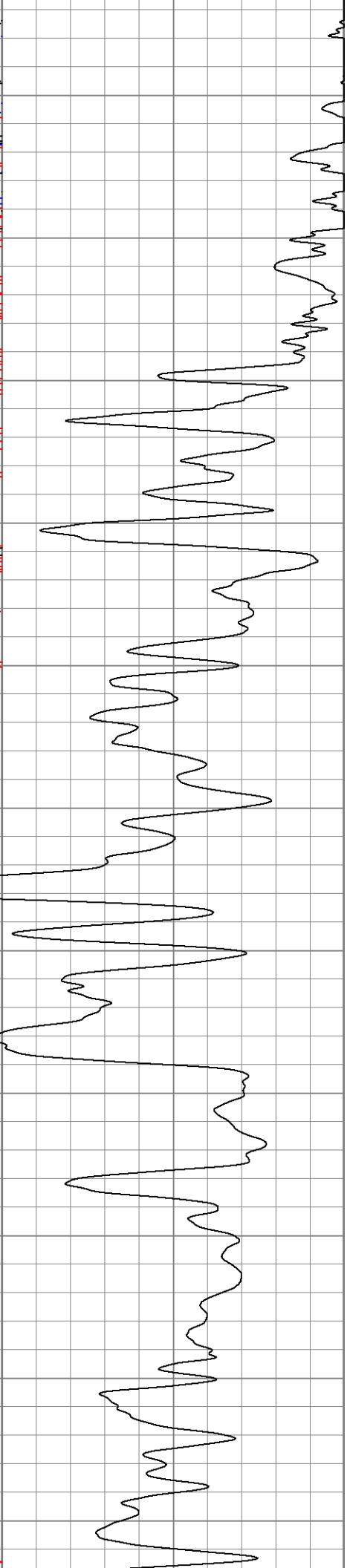
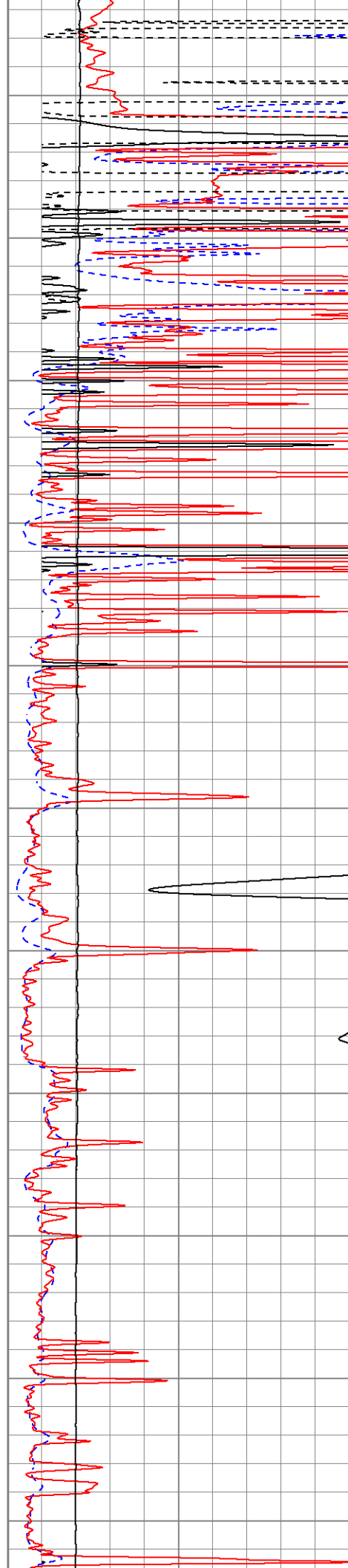
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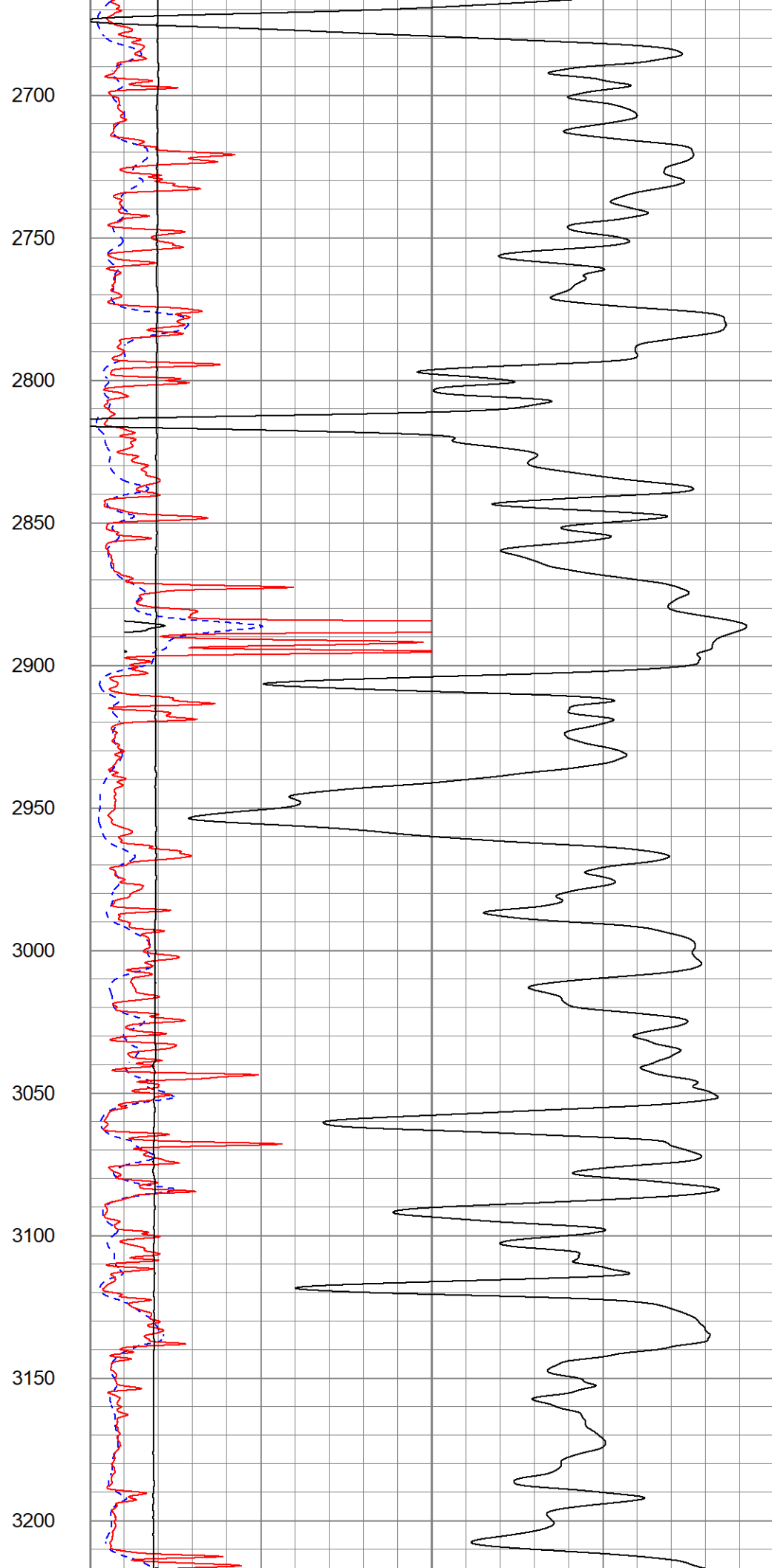
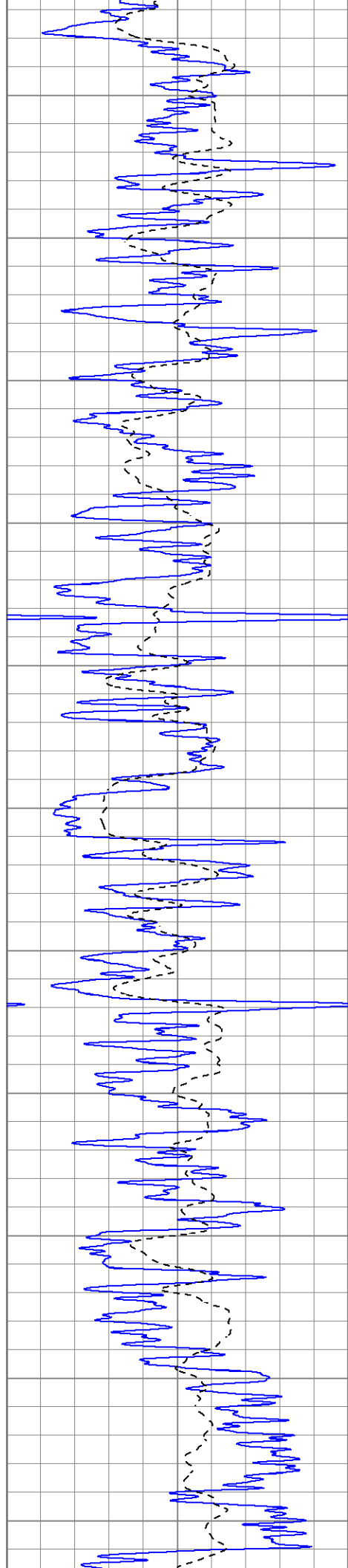
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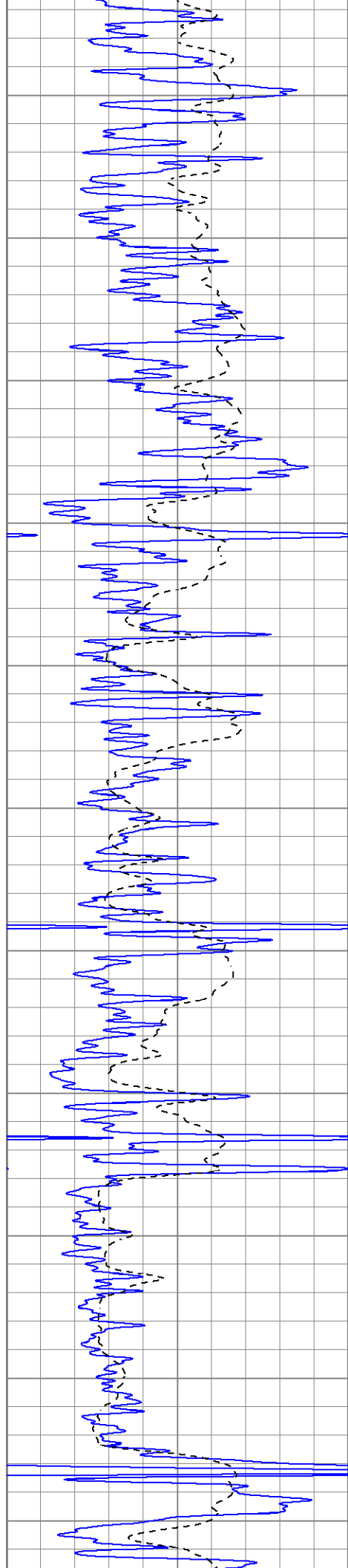
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2600

2650







3250

3300

3350

3400

3450

3500

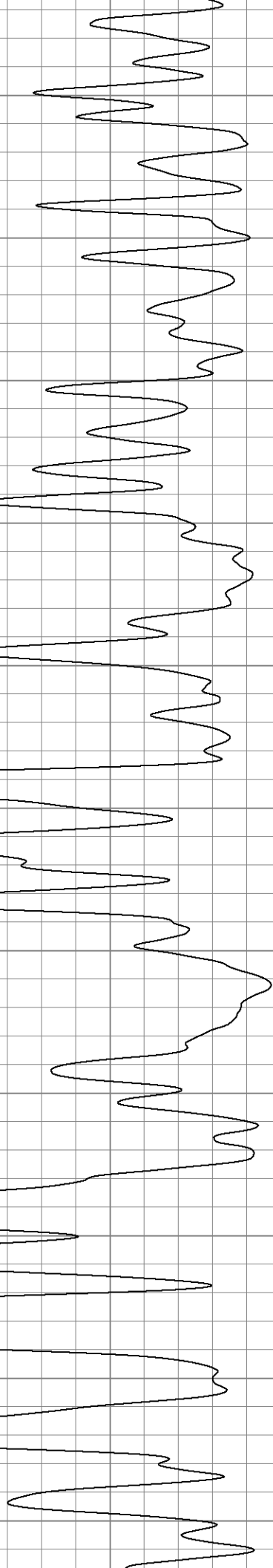
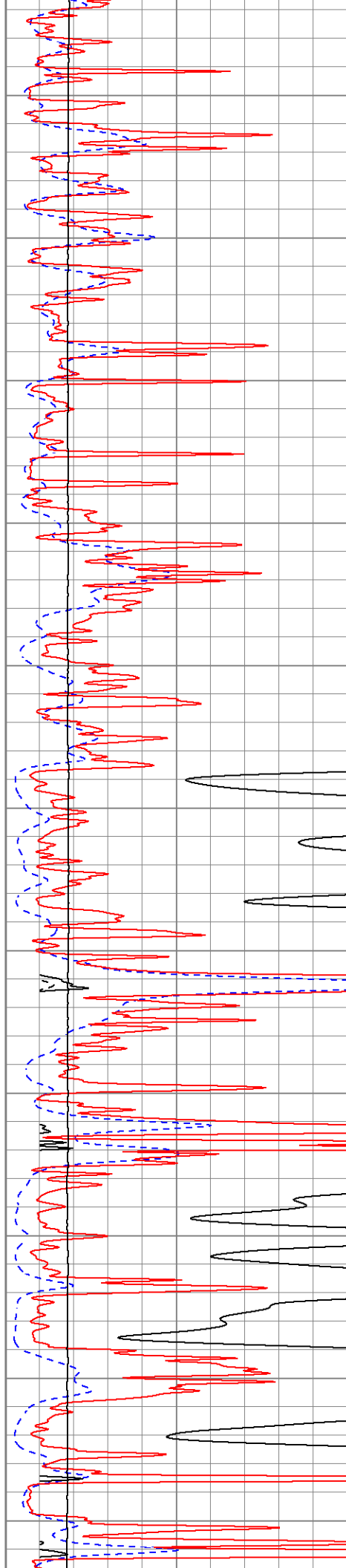
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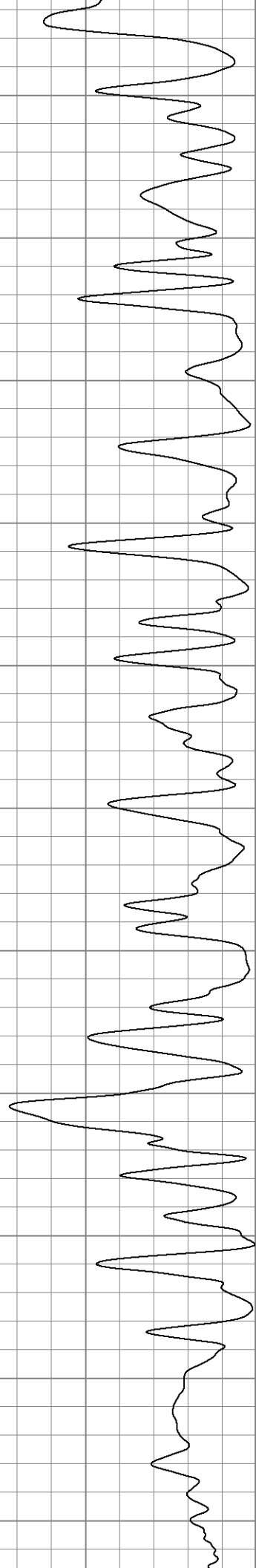
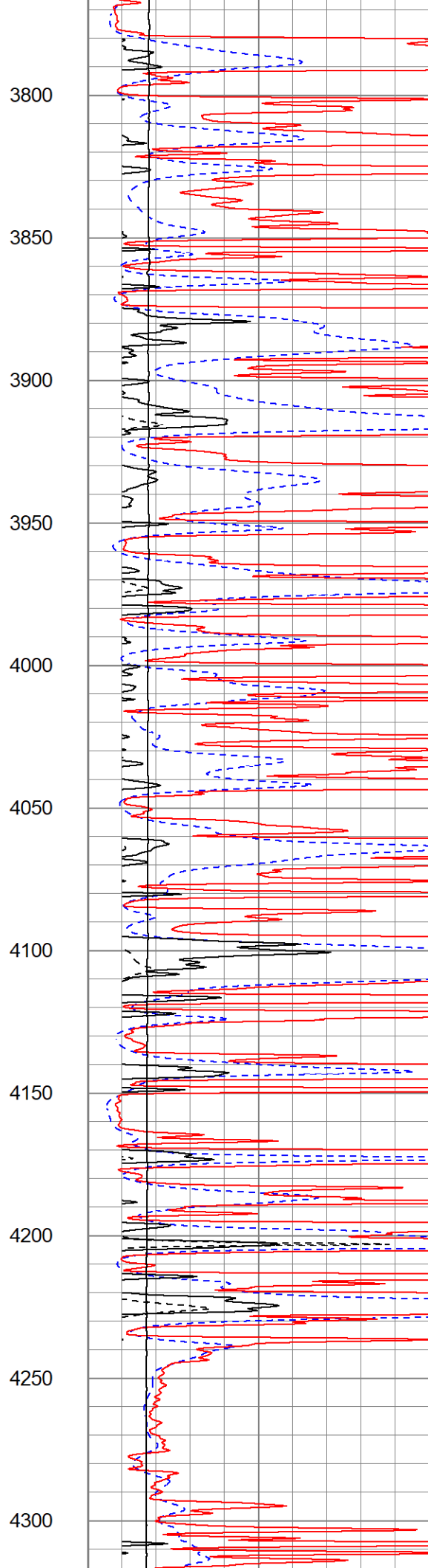
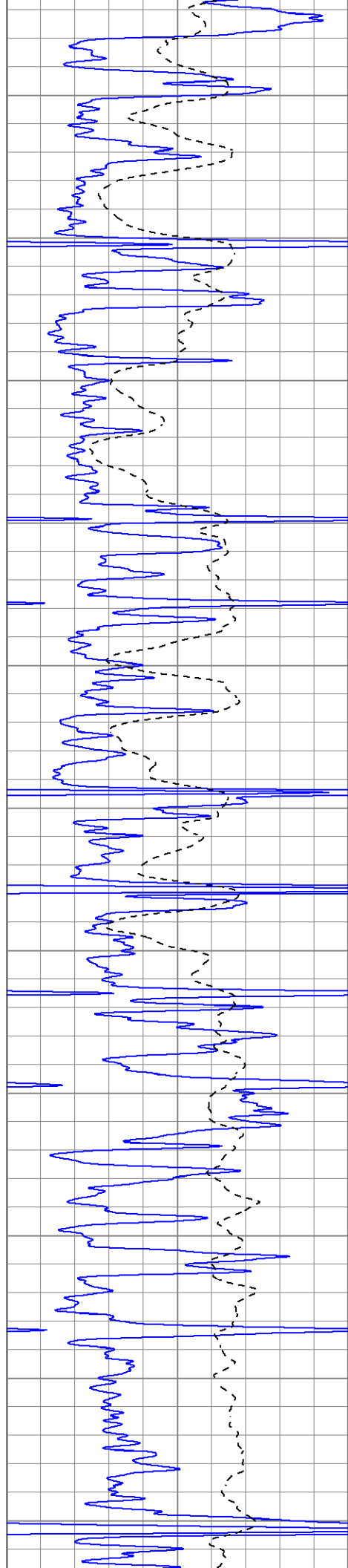
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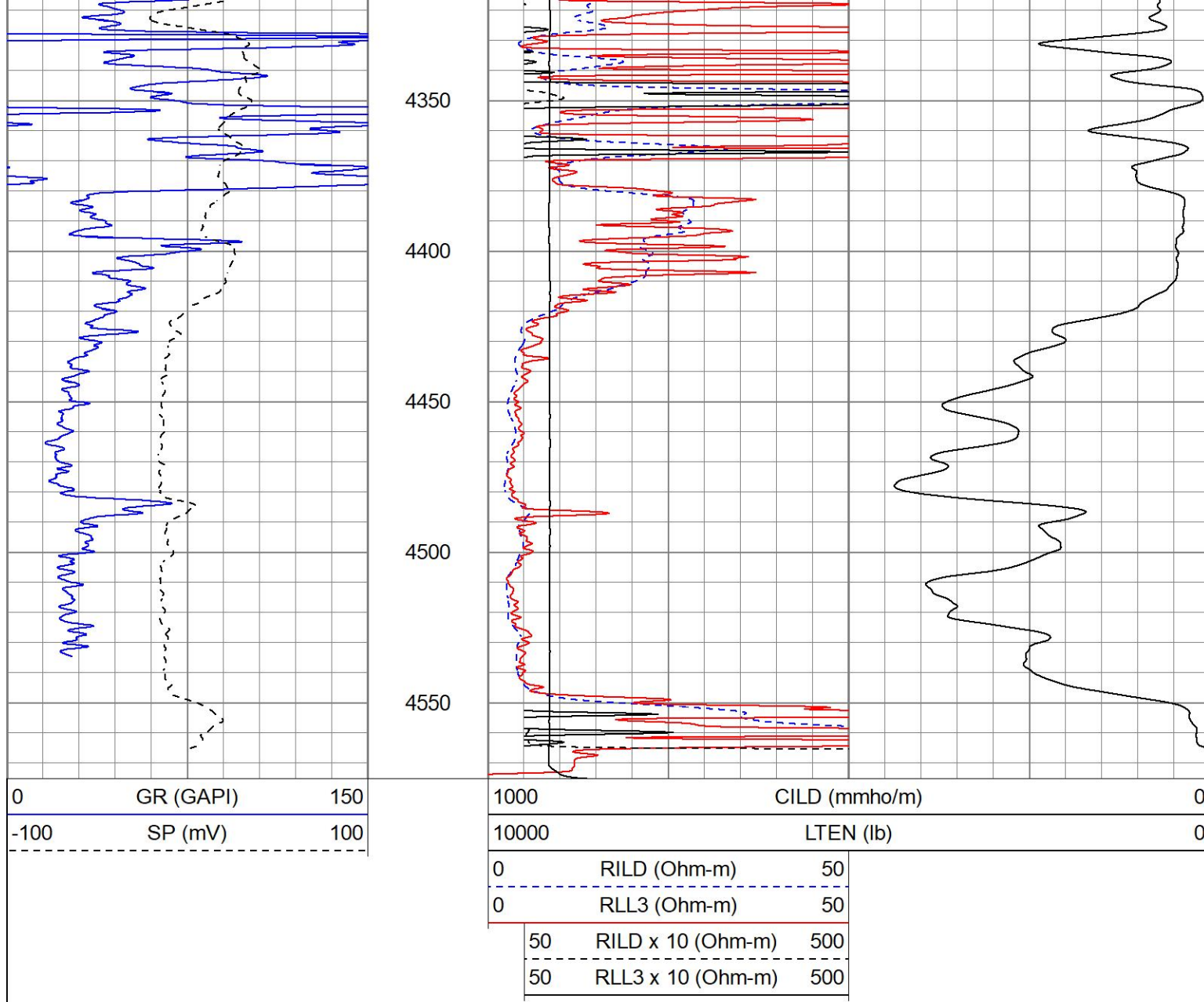
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3700

3750



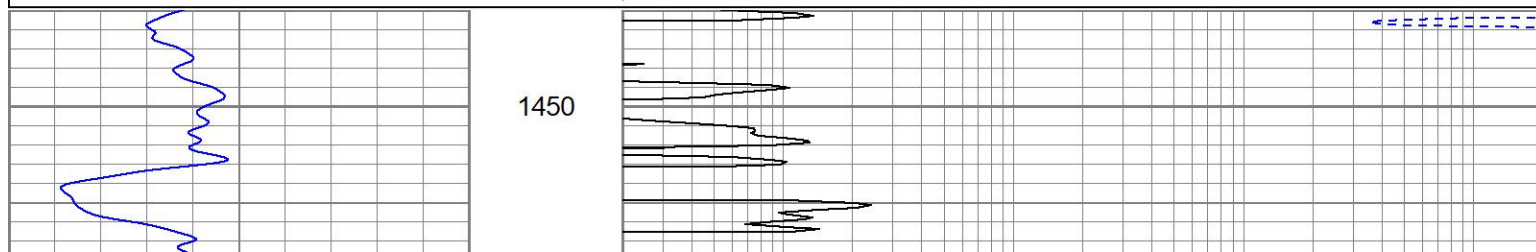


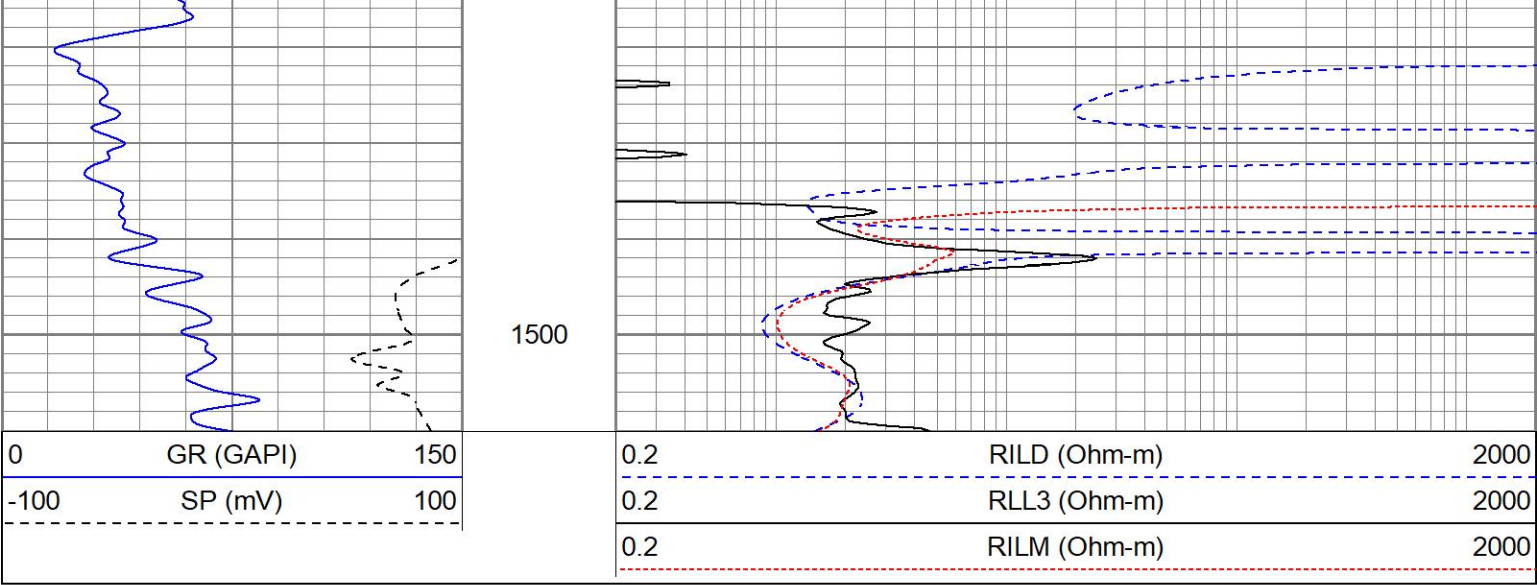


MAIN PASS

Database File tcdavid#1-35oh.db
 Dataset Pathname pass3.1
 Presentation Format kdil
 Dataset Creation Mon Nov 06 14:54:01 2023
 Charted by Depth in Feet scaled 1:240

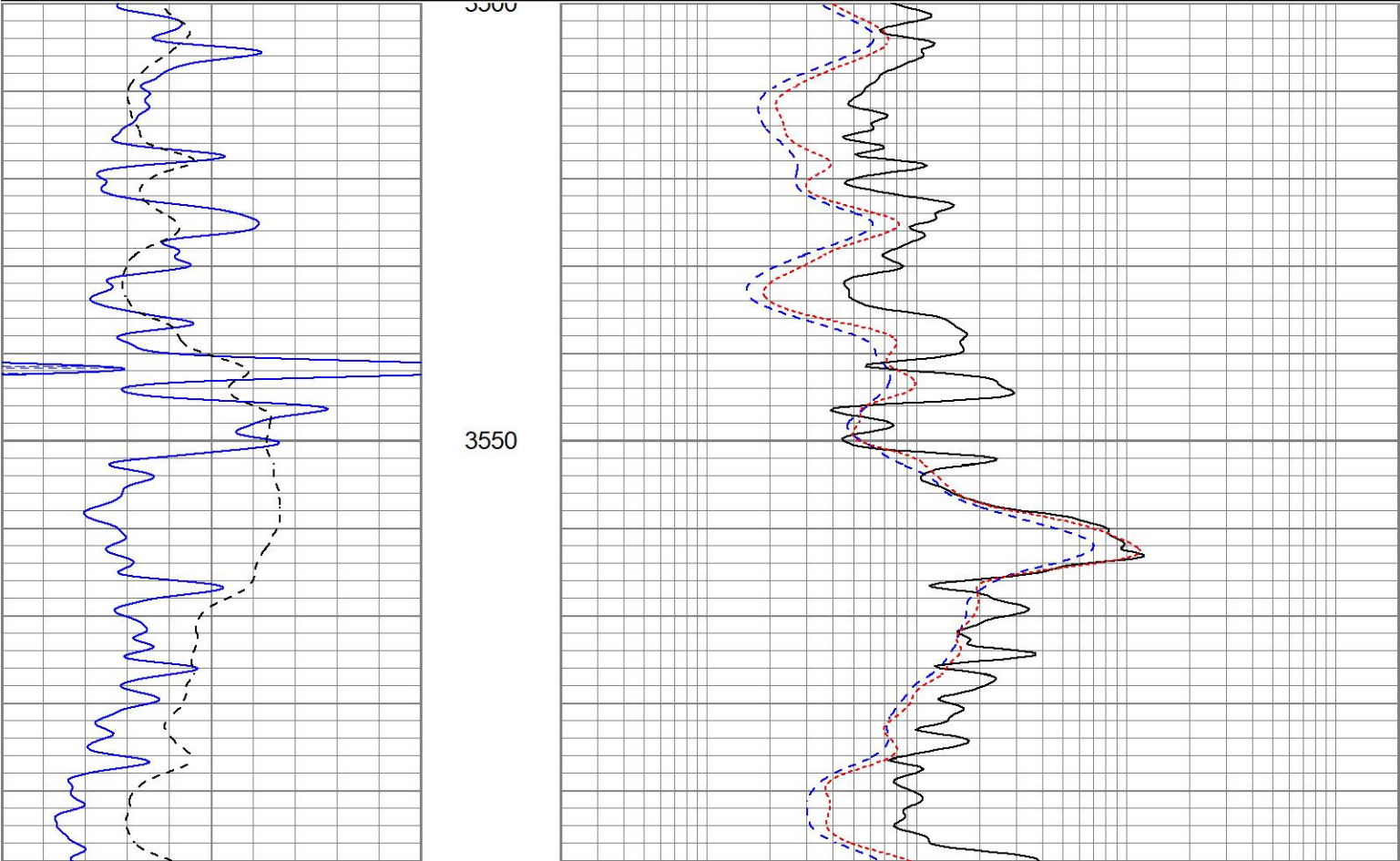
0	GR (GAPI)	150	0.2	RILD (Ohm-m)	2000
-100	SP (mV)	100	0.2	RLL3 (Ohm-m)	2000
			0.2	RILM (Ohm-m)	2000

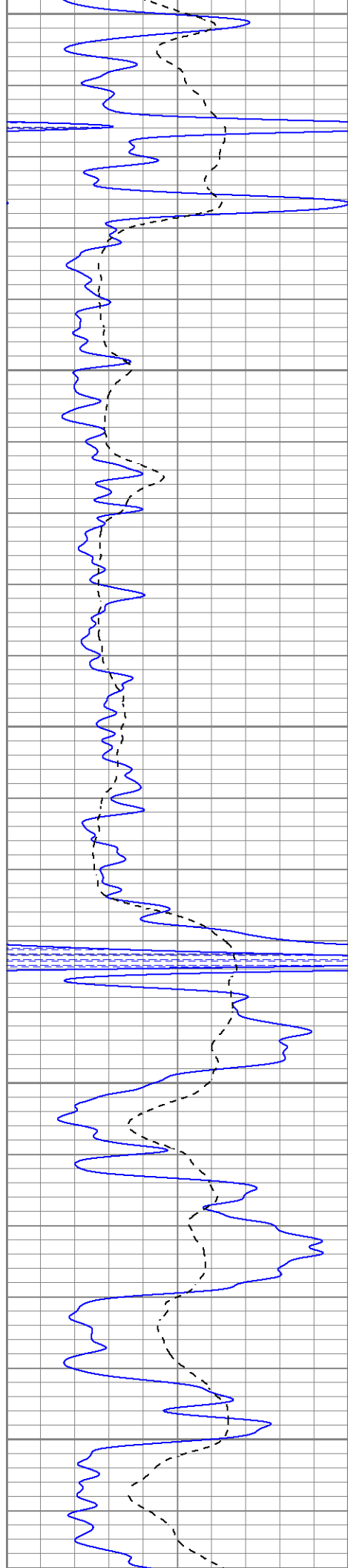




MAIN PASS

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Dataset Pathname pass3.1
Presentation Format kdil
Dataset Creation Mon Nov 06 14:54:01 2023
Charted by Depth in Feet scaled 1:240





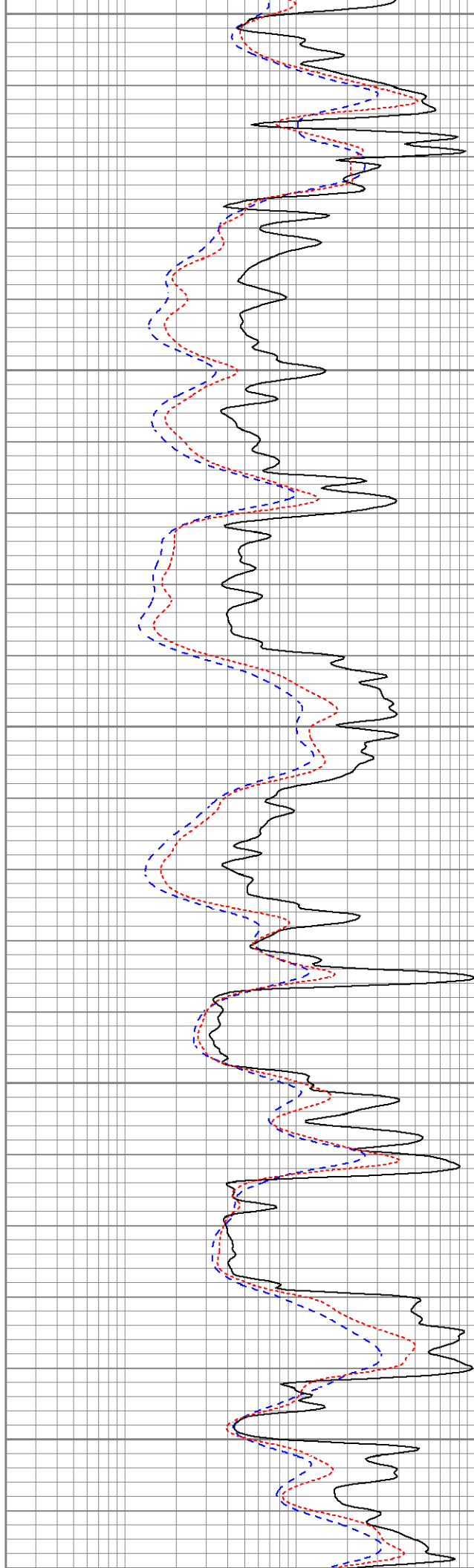
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3650

3700

3750

3800



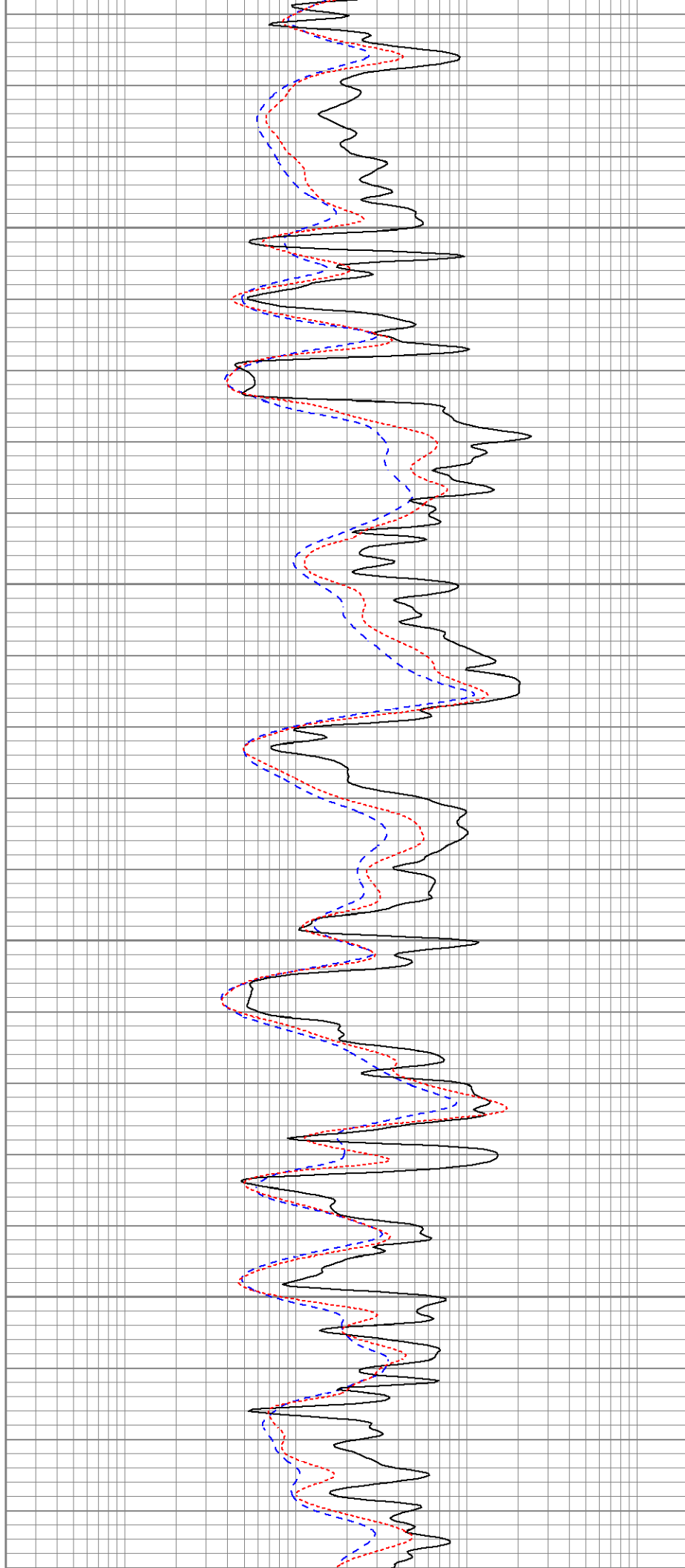


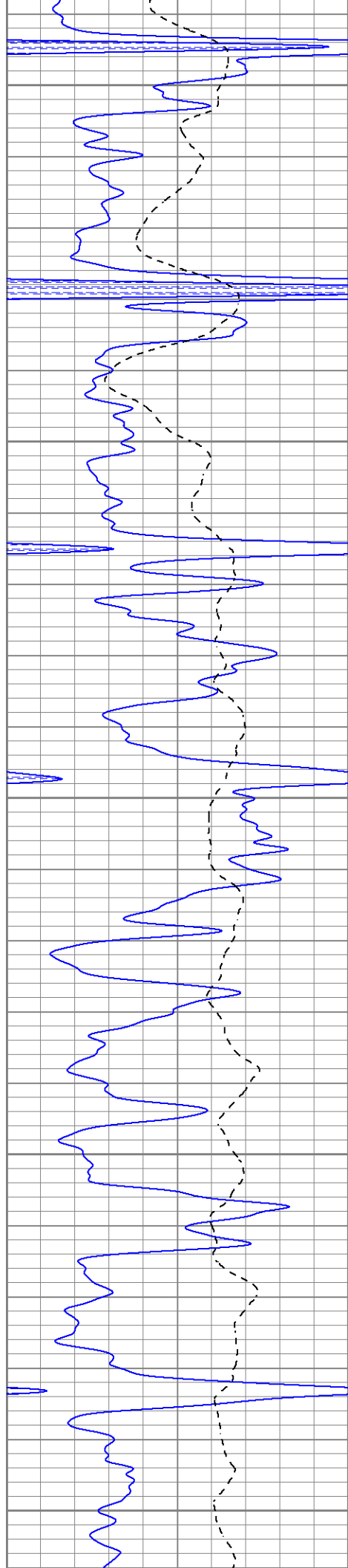
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3900

3950

4000





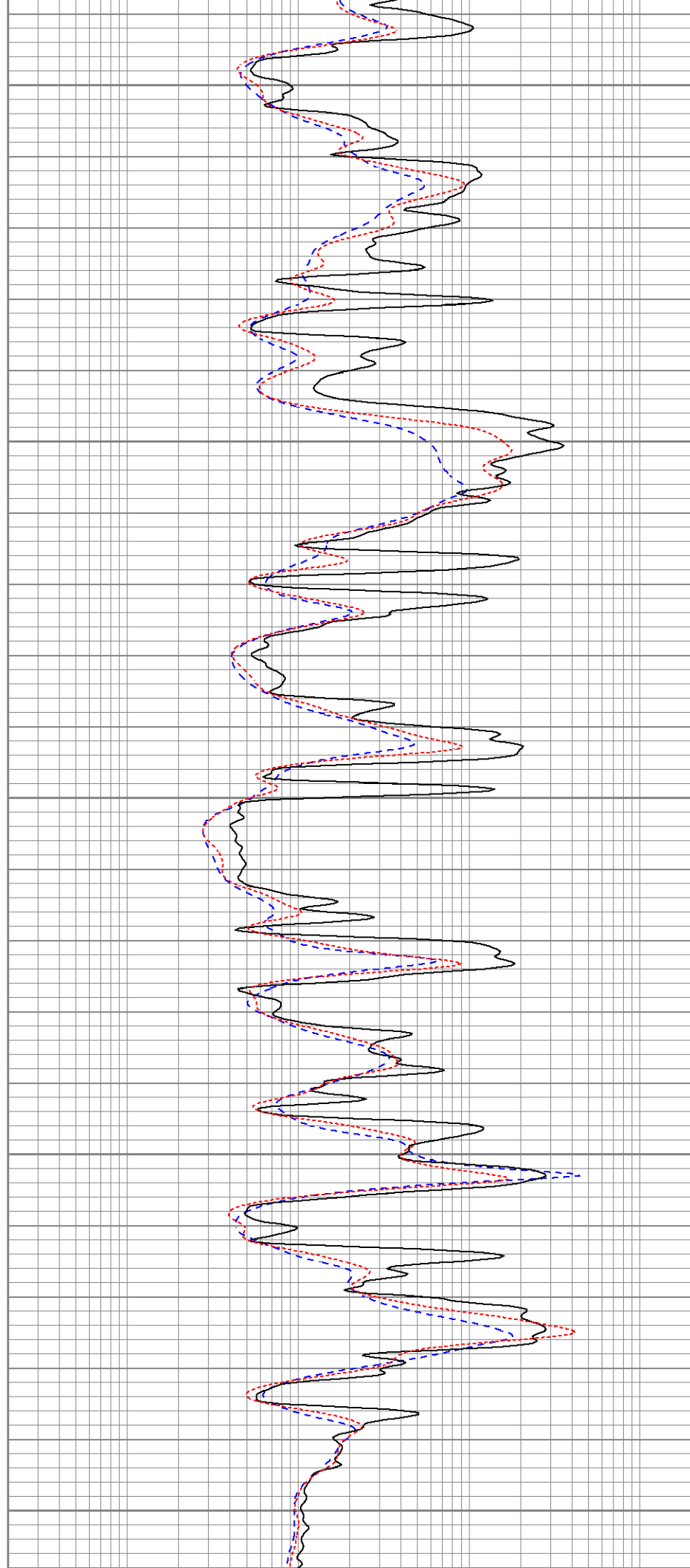
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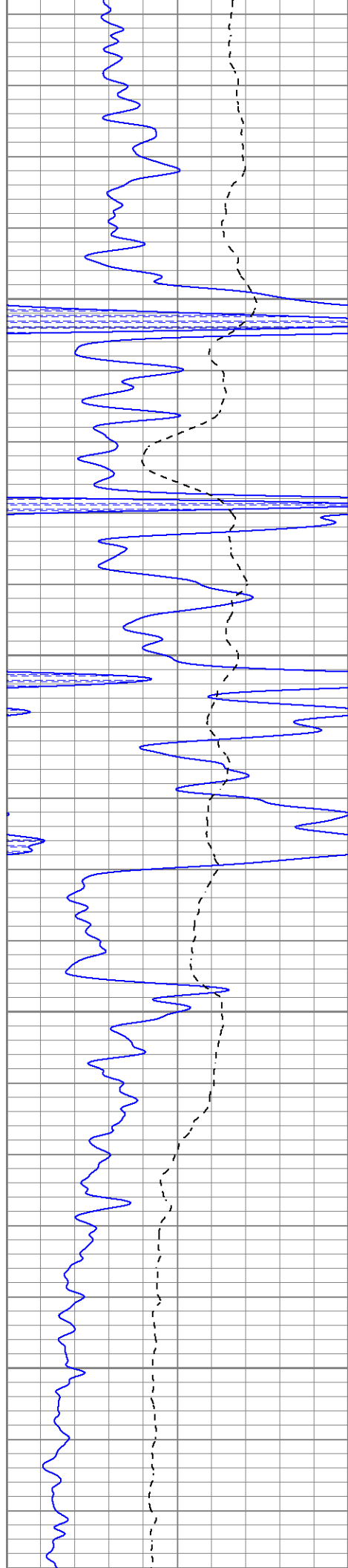
4100

4150

4200

4250



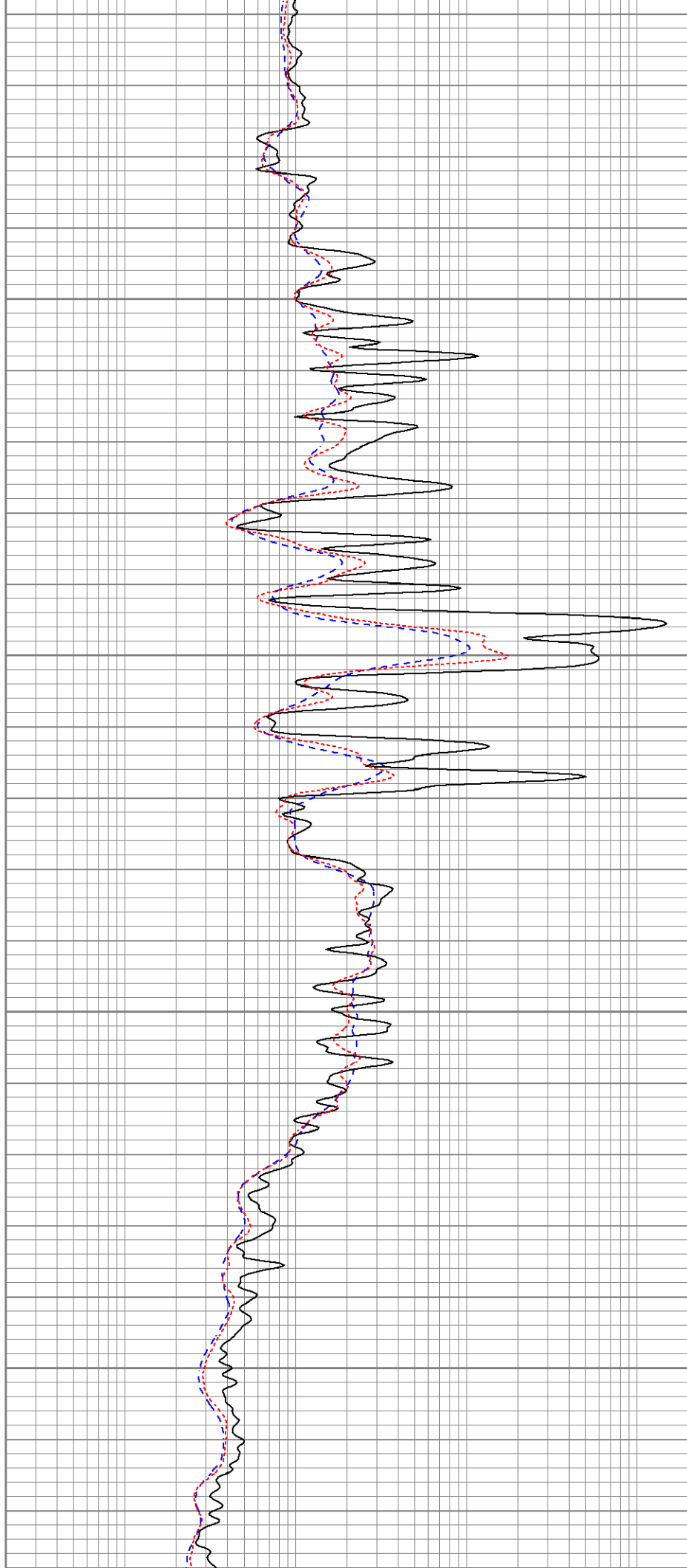


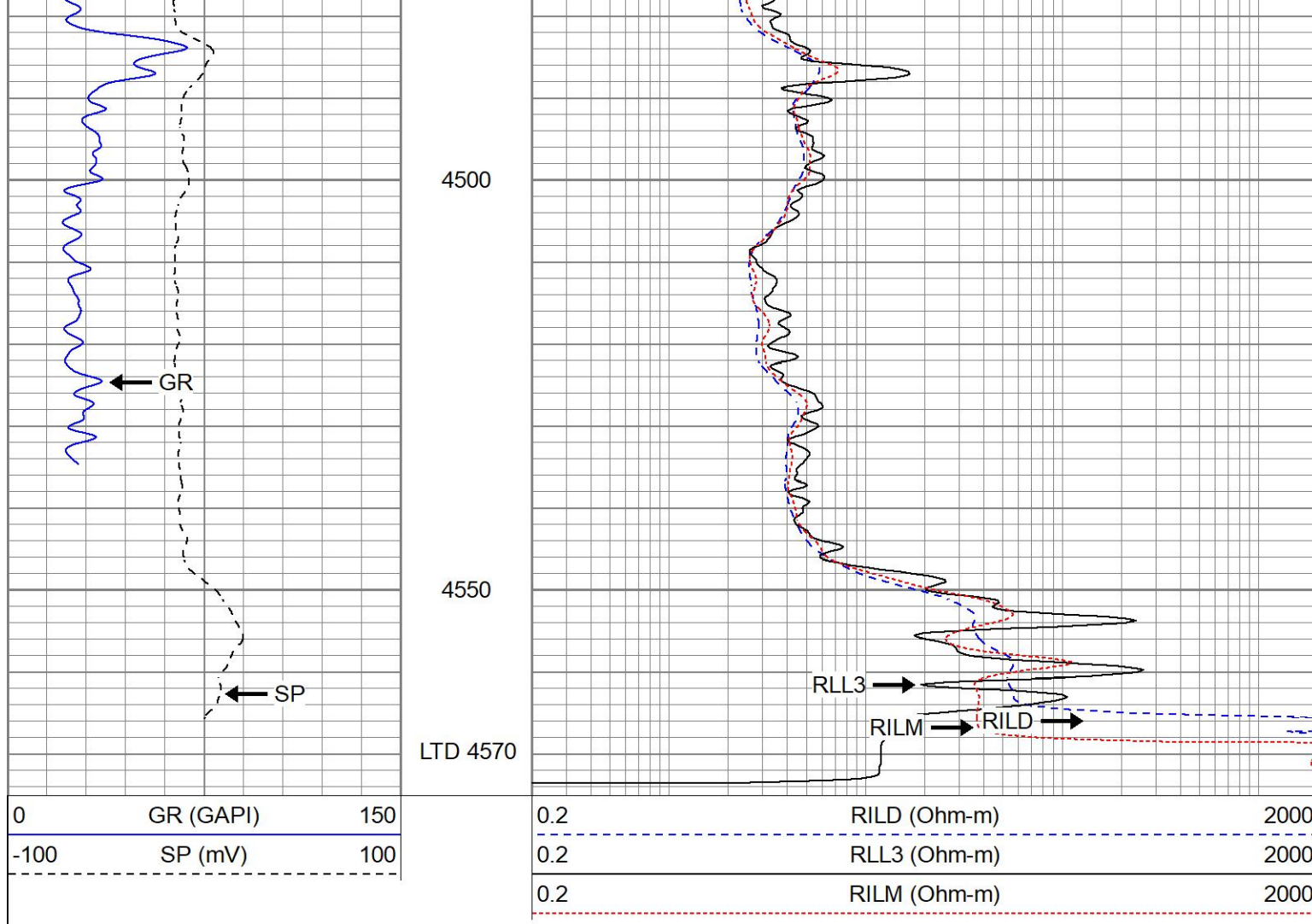
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4400

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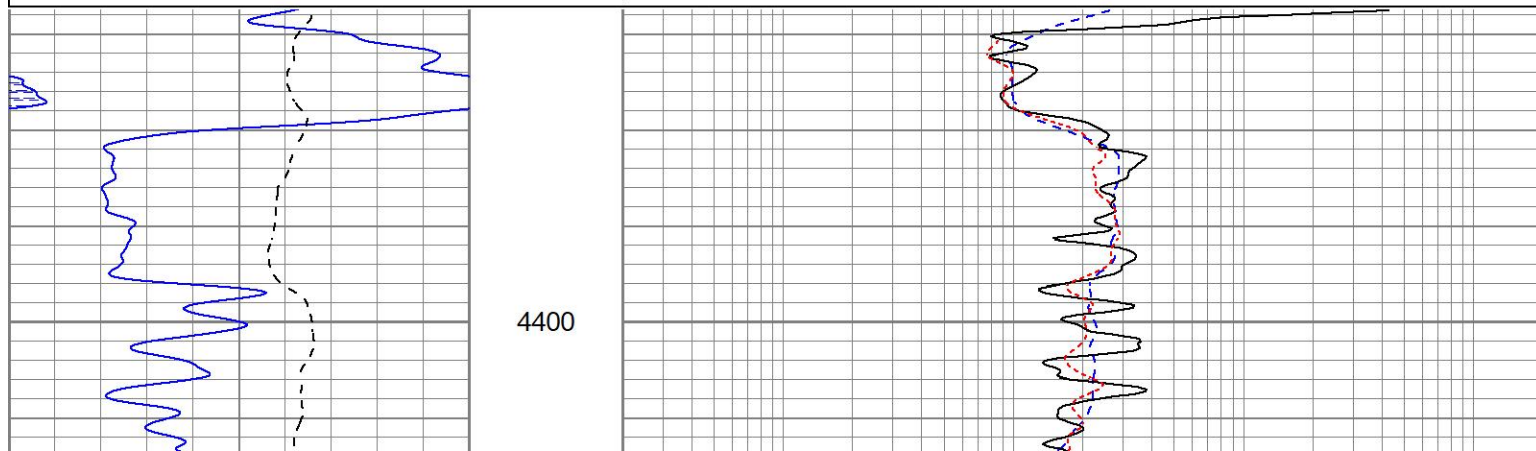


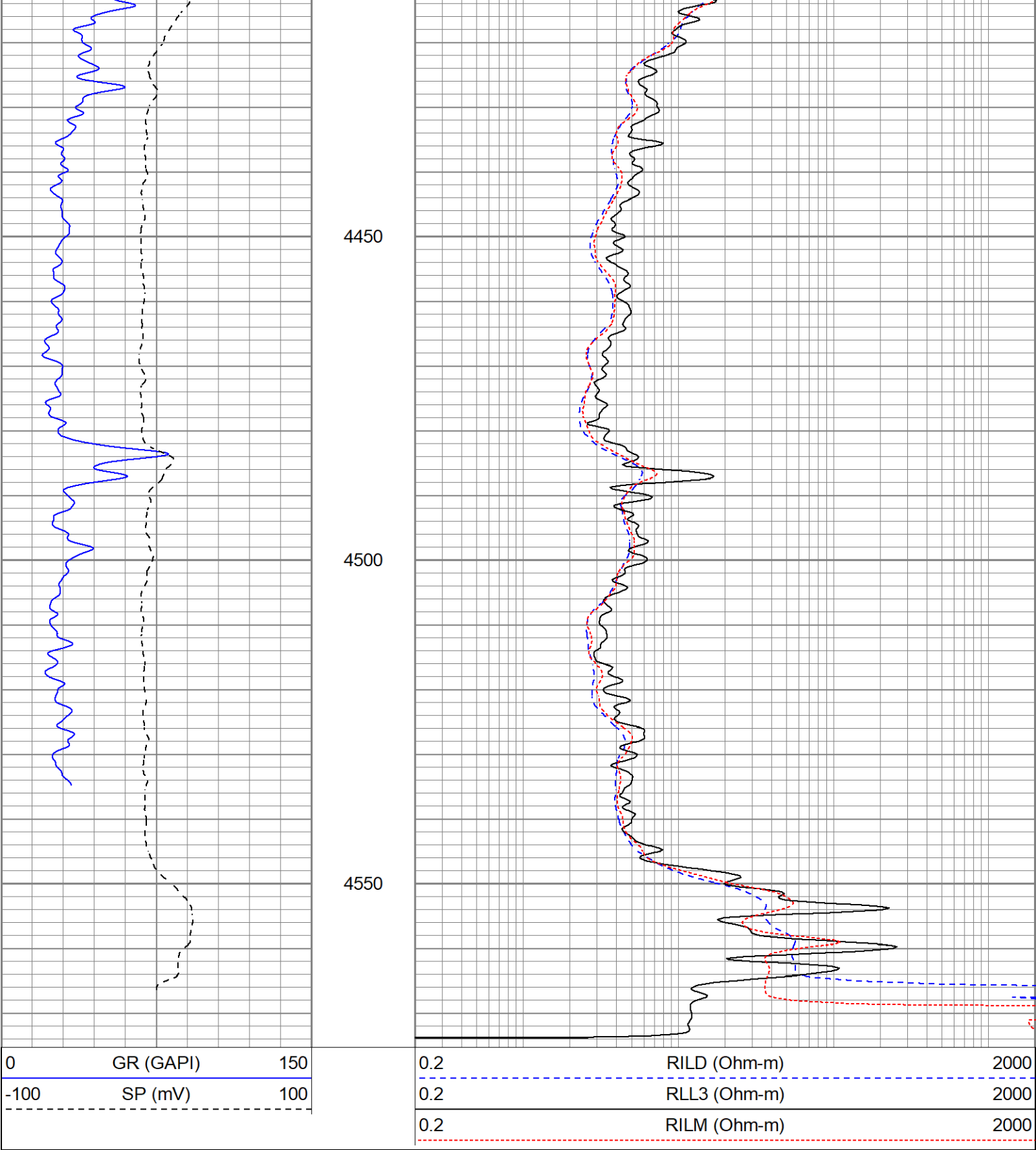


REPEAT SECTION

Database File tcdavid#1-35oh.db
 Dataset Pathname pass2.1
 Presentation Format kdil
 Dataset Creation Mon Nov 06 14:57:19 2023
 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	tcdavid#1-35oh.db
Dataset Pathname	pass3.1
Dataset Creation	Mon Nov 06 14:54:01 2023
Dual Induction Calibration Report	
Serial-Model:	1842-ADM
Surface Cal Performed:	Mon Sep 20 22:00:42 2021
Downhole Cal Performed:	Thu Sep 14 13:06:48 2023
After Survey Verification Performed:	Thu Sep 14 13:02:29 2023

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
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	-0.210	349.810	mmho/m	-0.343	349.810	mmho/m	1.000	-0.133
Medium	6.952	396.760	mmho/m	-0.226	399.745	mmho/m	1.026	-7.360
Shallow	2.495	0.026	V	500.000	2.000	Ohm-m	201.711	-3.319

After Survey Verification								
Readings			Targets			Results		
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	32.030	5.643	mmho/m	1.000	-0.133
Medium	0.000	0.000	mmho/m	6.952	396.760	mmho/m	1.026	-7.360
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 Aug 30 10:20:37 2022

Master Calibration					
	Density		Far Detector	Near Detector	
Magnesium	1.670	g/cc	6362.49	3546.71	cps
Aluminium	2.640	g/cc	1733.54	2362.69	cps
Aluminium+Sleeve	2.617	g/cc	1657.01	2197.69	cps
Spine Angle = 72.65			Density/Spine Ratio = 0.712		
	PE		NLITH	NHARD	
Magnesium	2.000	barn	2520.00	1620.00	cps
Aluminium	3.000	barn	1926.00	1699.00	cps
Aluminium+Sleeve	5.000	barn	915.00	1230.00	cps
M = 0.370			B = -0.079	R = 0.999	
	Size		Reading		
Small Ring	8.00	in	8.61	V	
Large Ring	14.30	in	12.40	V	

Neutron Calibration Report

Serial Number:	AD5139
Tool Model:	ADMX5139

Tool Model:	ADM15139	
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:	(Not Performed)
Calibrator Value:	1.0 GAPI
Background Reading:	0.0 cps
Calibrator Reading:	1.0 cps
Sensitivity:	1.0000 GAPI/cps