



DUAL INDUCTION LOG

Company JOHN O. FARMER, INC.				Company JOHN O. FARMER, INC.			
Well FINNEY #3				Well FINNEY #3			
Field RAINBOW RIDGE				Field RAINBOW RIDGE			
County LYON				County LYON			
State KS				State KS			
Location:		API # : 15-111-20571		Other Services			
SEC 6		TWP 17S		RGE 10E		ML	
Permanent Datum		Ground Level		Elevation		CDNL	
Log Measured From		KB 12' AGL		1308		K.B. 1320	
Drilling Measured From		KB				D.F. 1318	
						G.L. 1308	
Date	7/11/24						
Run Number	One						
Depth Driller	3160						
Depth Logger	3160						
Bottom Logged Interval	3158						
Top Log Interval	00						
Casing Driller	8 5/8" @ 260'						
Casing Logger	260'						
Bit Size	7 7/8"						
Type Fluid in Hole	Chemical Mud						
Density / Viscosity	9.3/48						
pH / Fluid Loss	10/8.7						
Source of Sample	Pit						
Rm @ Meas. Temp	1.5@70degf						
Rmf @ Meas. Temp	1.13@70degf						
Rmc @ Meas. Temp	1.8@70degf						
Source of Rmf / Rmc	Calculated						
Rm @ BHT	0.98@107degf						
Time Circulation Stopped	1:00 AM						
Time Logger on Bottom	3:30 AM						
Maximum Recorded Temperature	107degf						
Equipment Number	T-605						
Location	HAYS, KS.						
Recorded By	COLBY DREILING						
Witnessed By	AUSTIN KLAUS						

<<< 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

FROM COUNCIL GROVE, GO SOUTH ON S 5TH STREET, THEN TURN LEFT ONTO DUNLAP RD, THEN GO SOUTH UNTIL Y AVENUE, THEN EAST 3.5 MILES, SOUTH INTO.

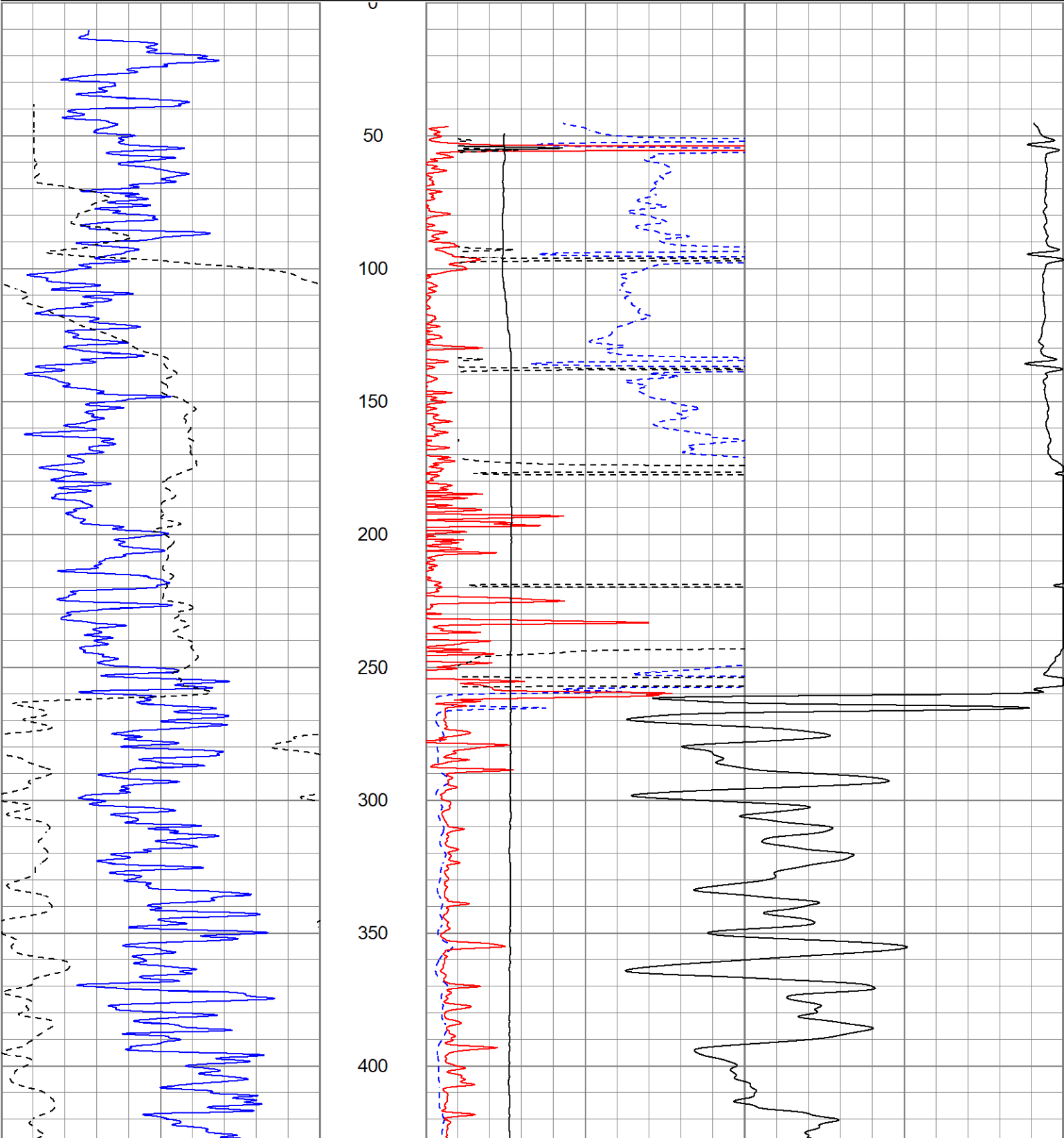
Thank you for using Gemini Wireline
785-625-1182

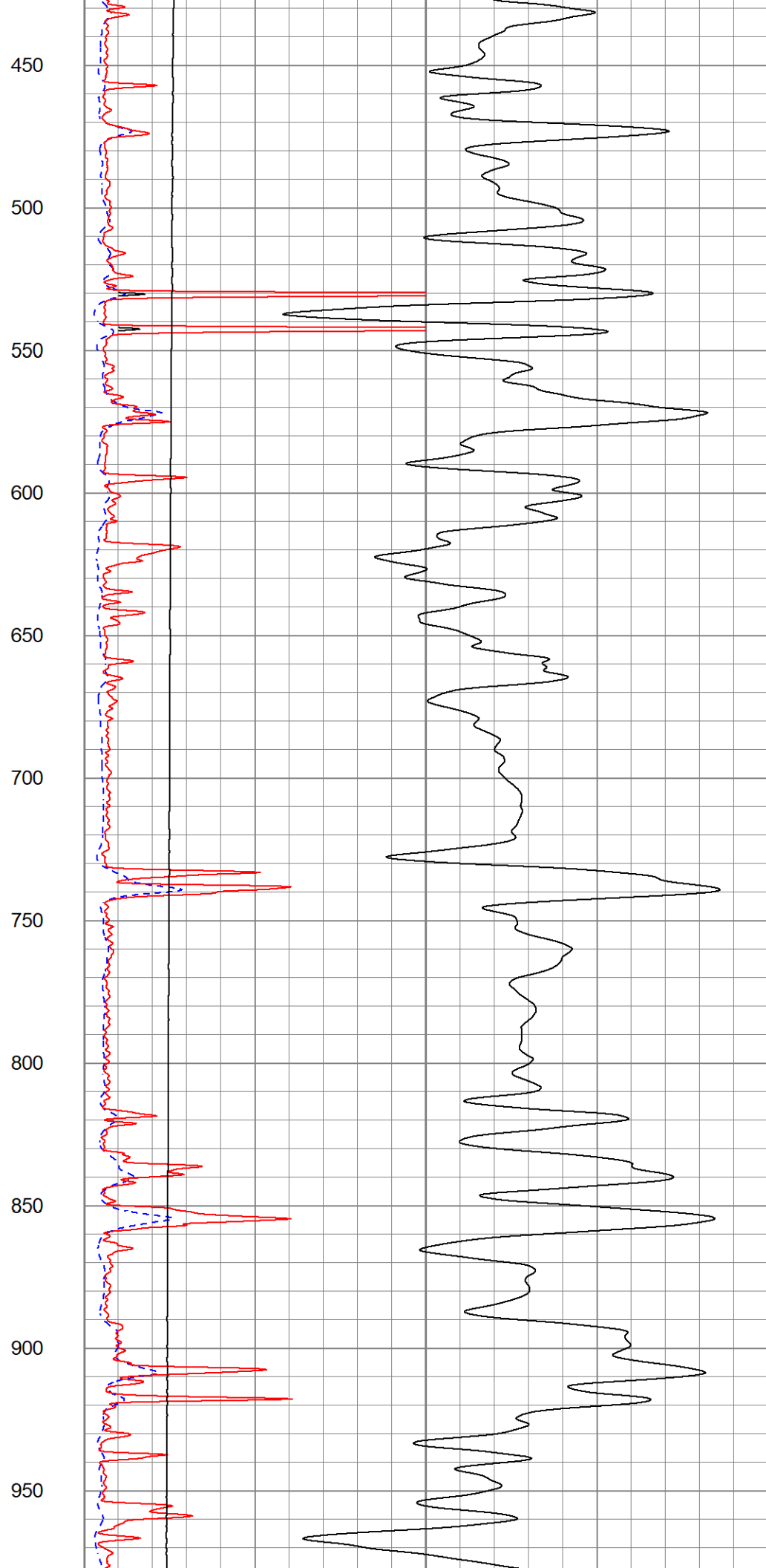
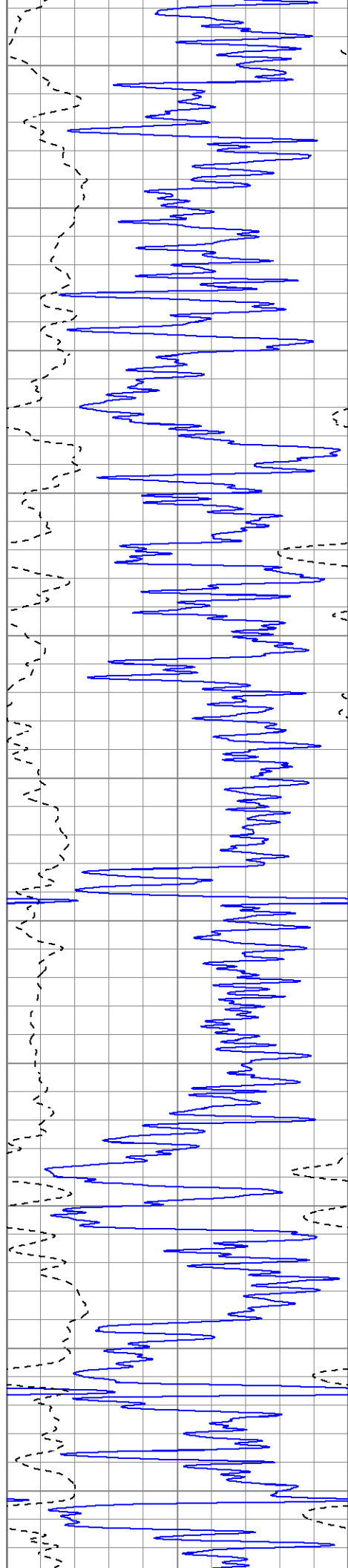


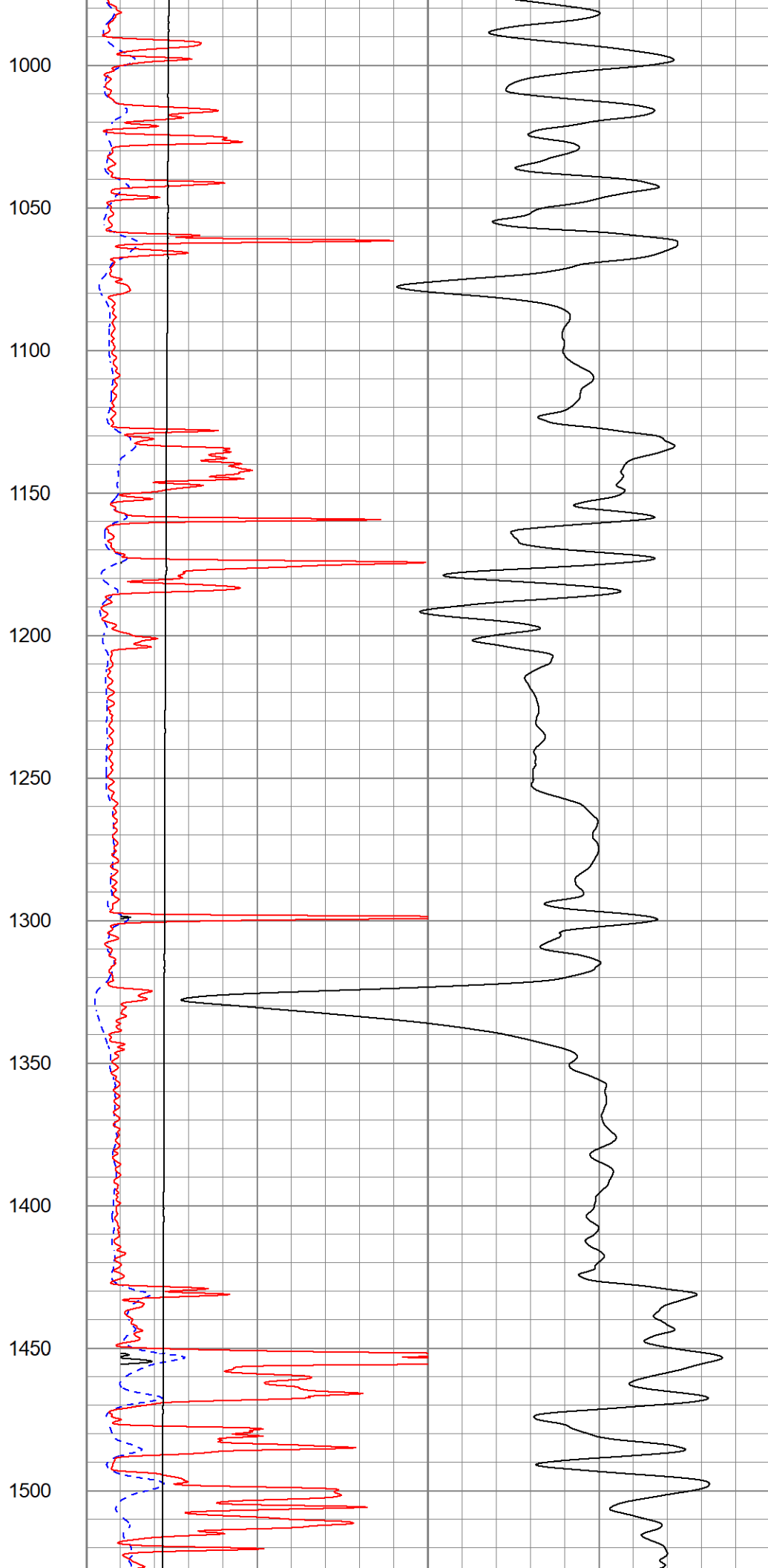
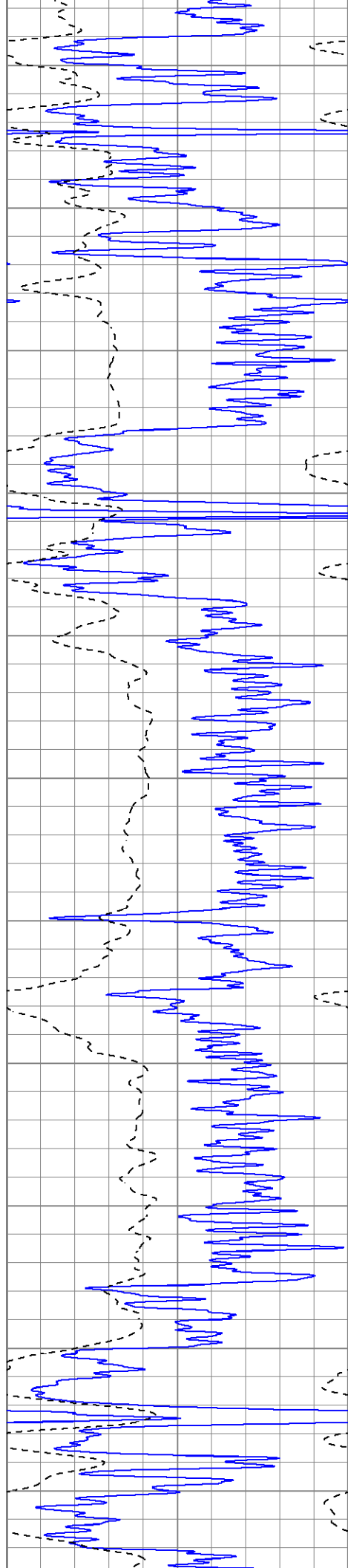
MAIN PASS

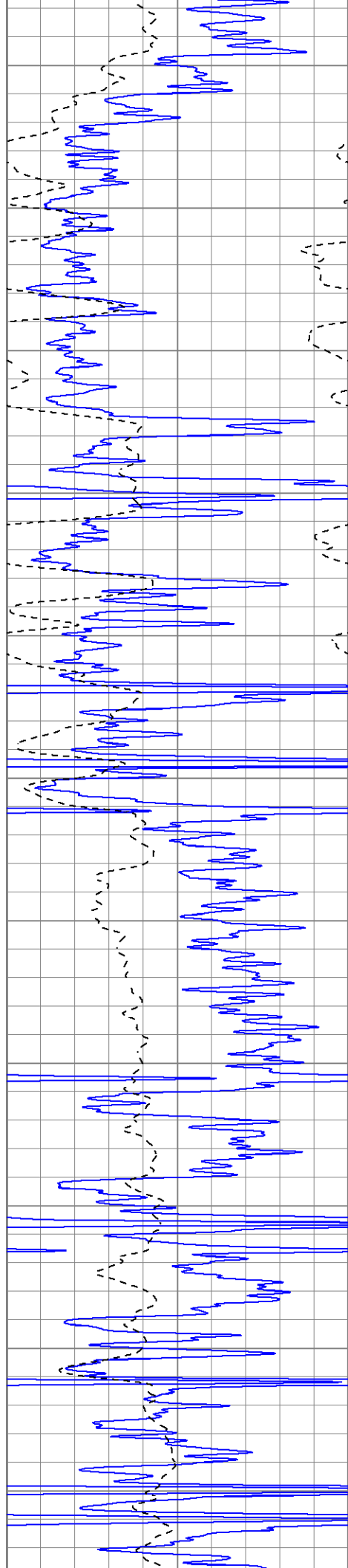
Database File	joffinney#3oh.db
Dataset Pathname	pass3.1
Presentation Format	kdillinn
Dataset Creation	Mon Jun 24 11:36:15 2024
Charted by	Depth in Feet scaled 1:600

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









1550

1600

1650

1700

1750

1800

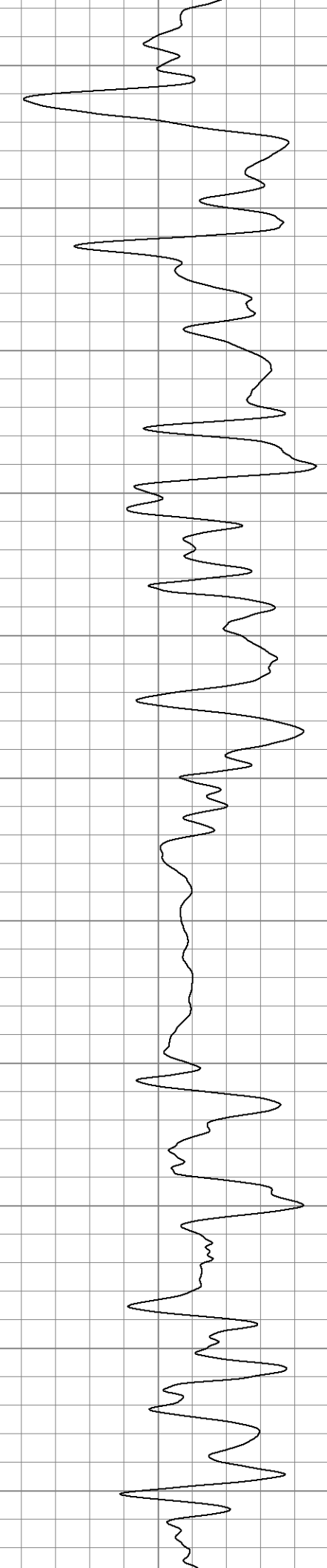
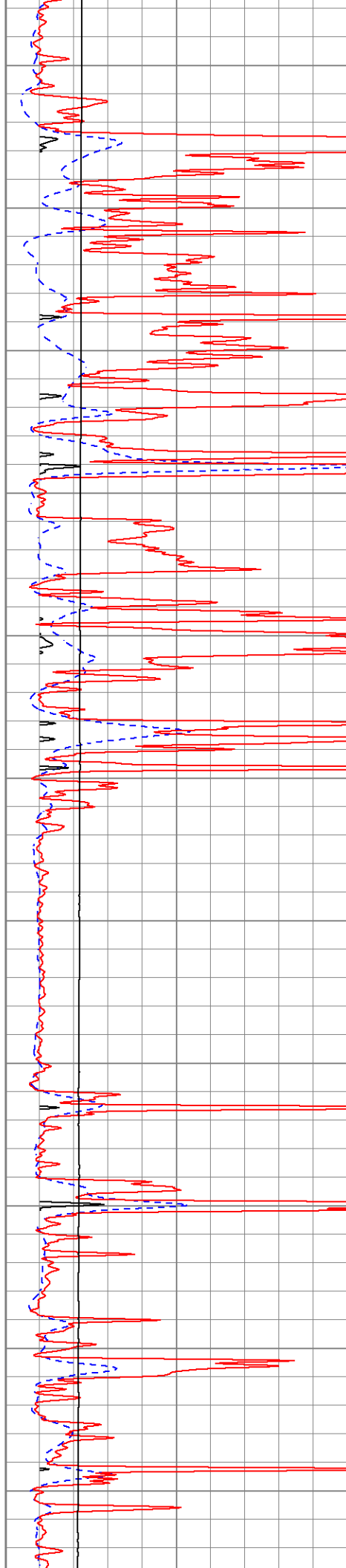
1850

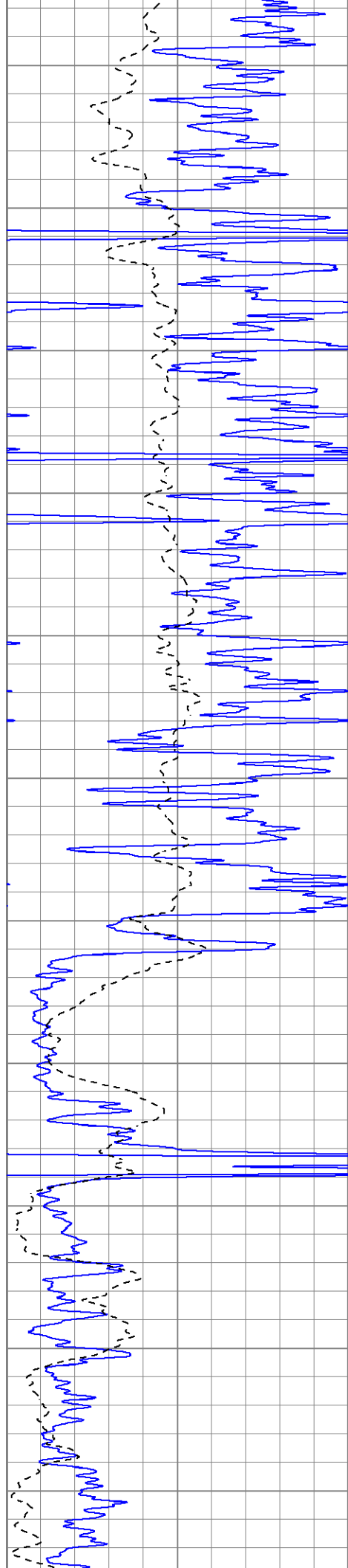
1900

1950

2000

2050





2100

2150

2200

2250

2300

2350

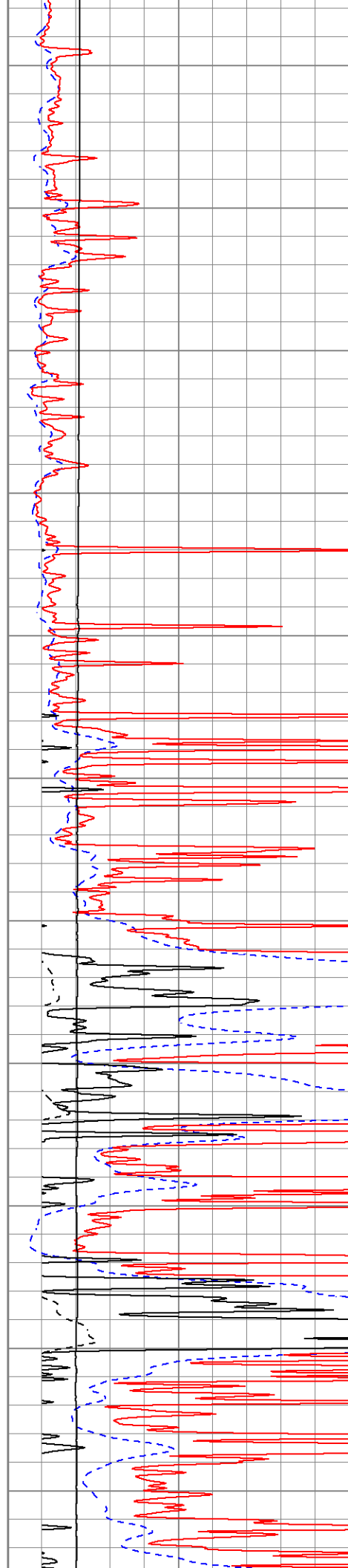
2400

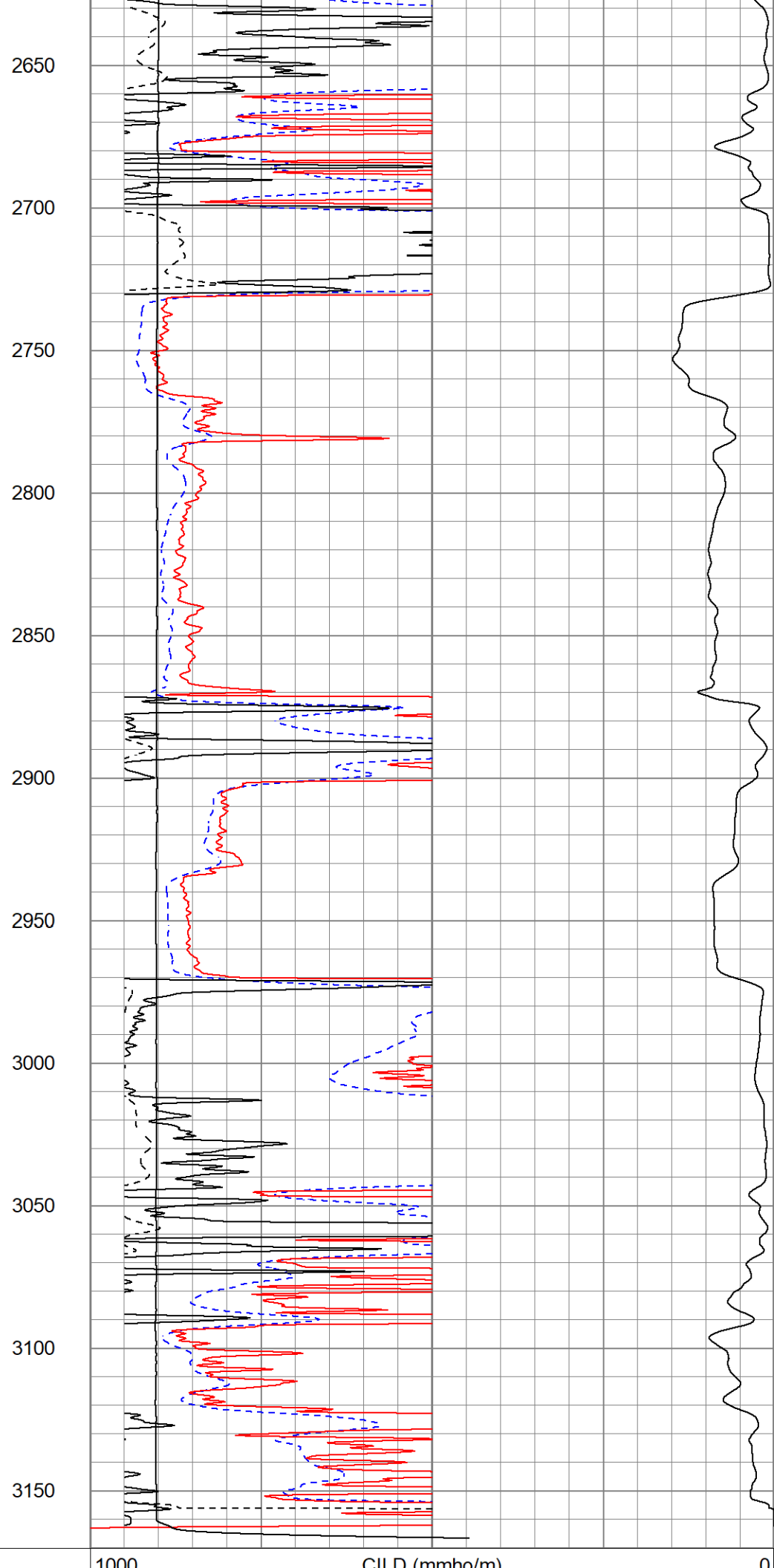
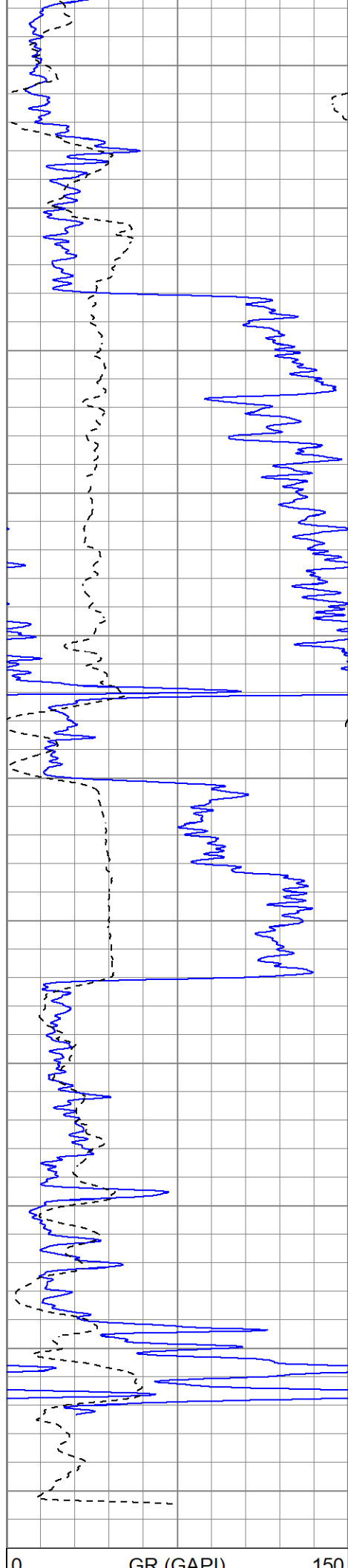
2450

2500

2550

2600





0	GR (GAPI)	150
-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	

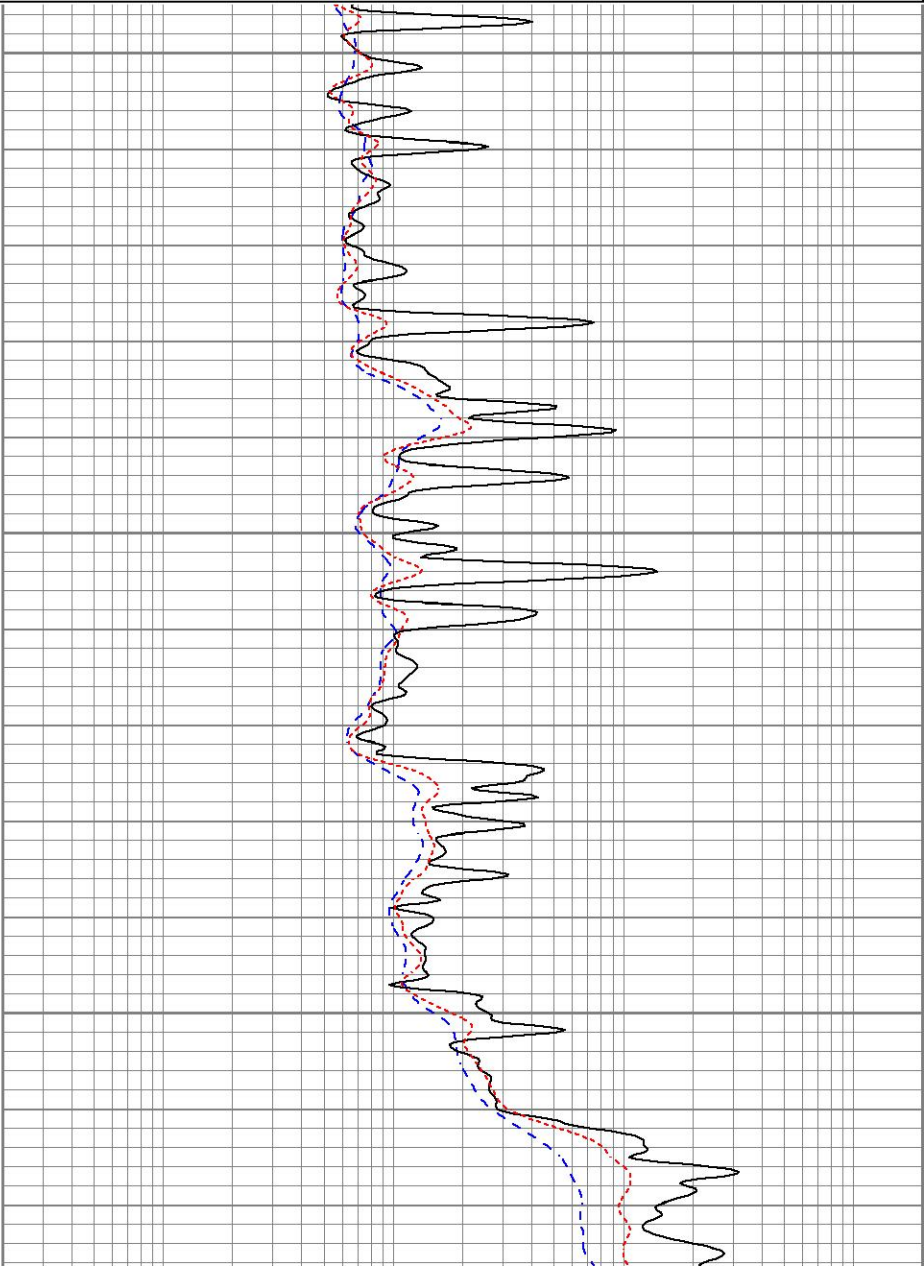
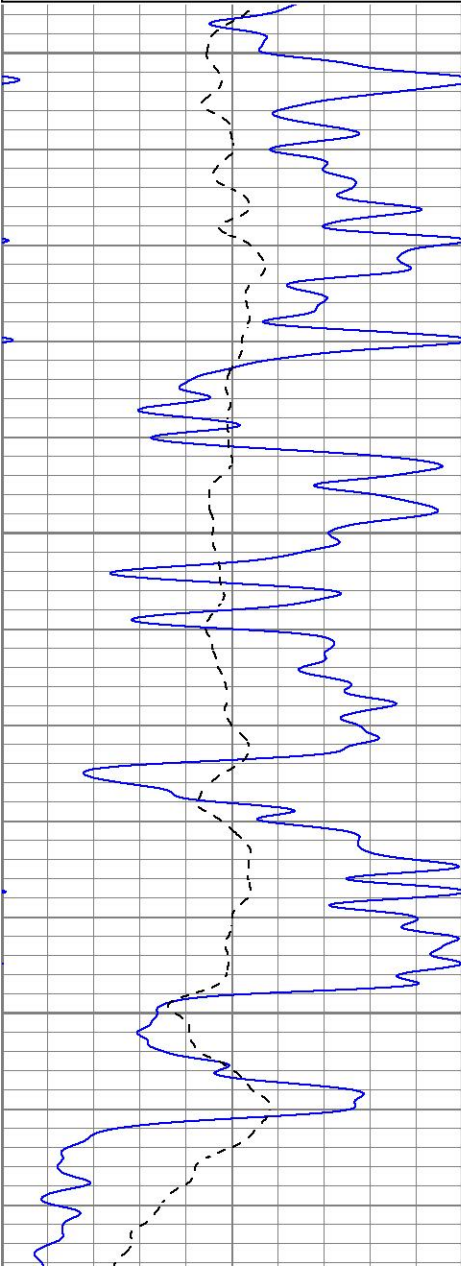


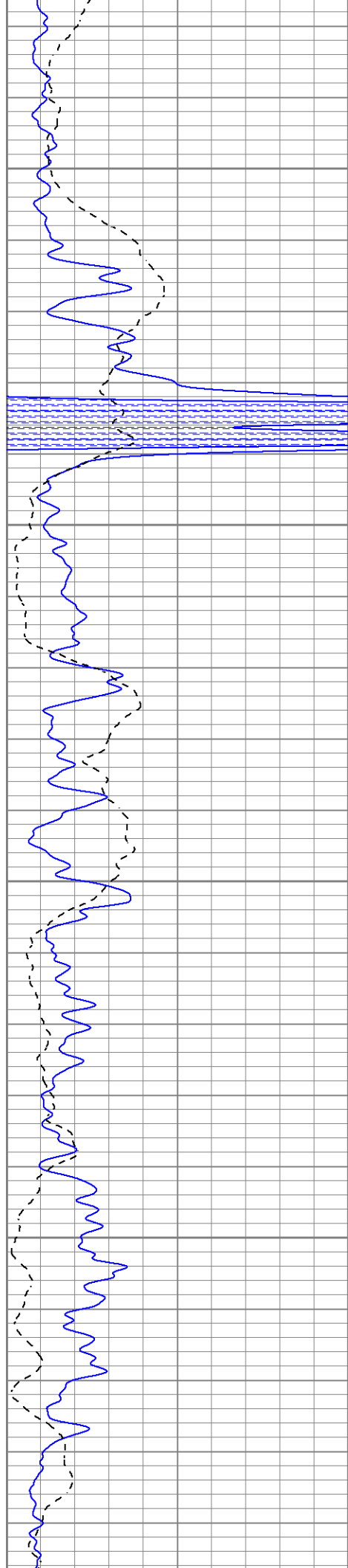
MAIN PASS

Database File	joffinney#3oh.db
Dataset Pathname	pass3.1
Presentation Format	kdil
Dataset Creation	Mon Jun 24 11:36:15 2024
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



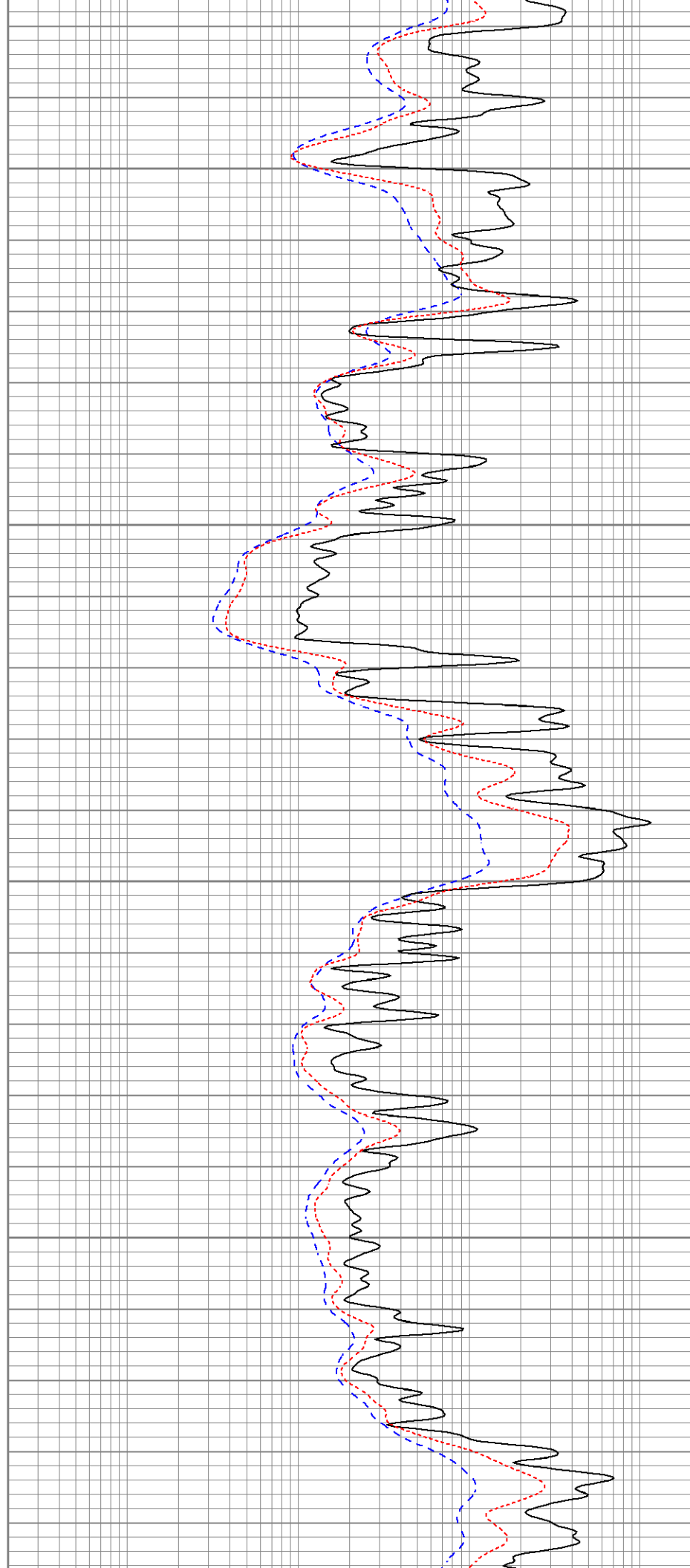


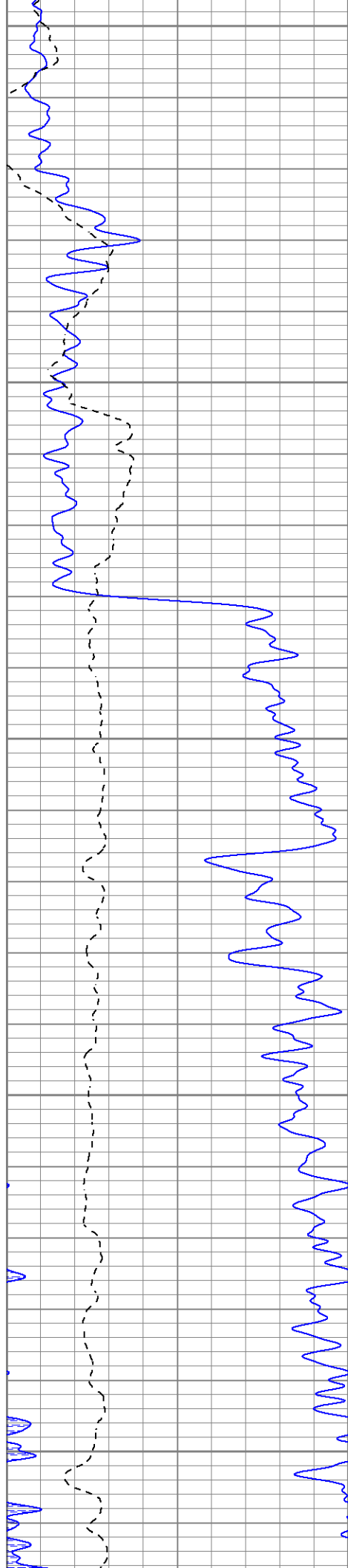
2450

2500

2550

2600





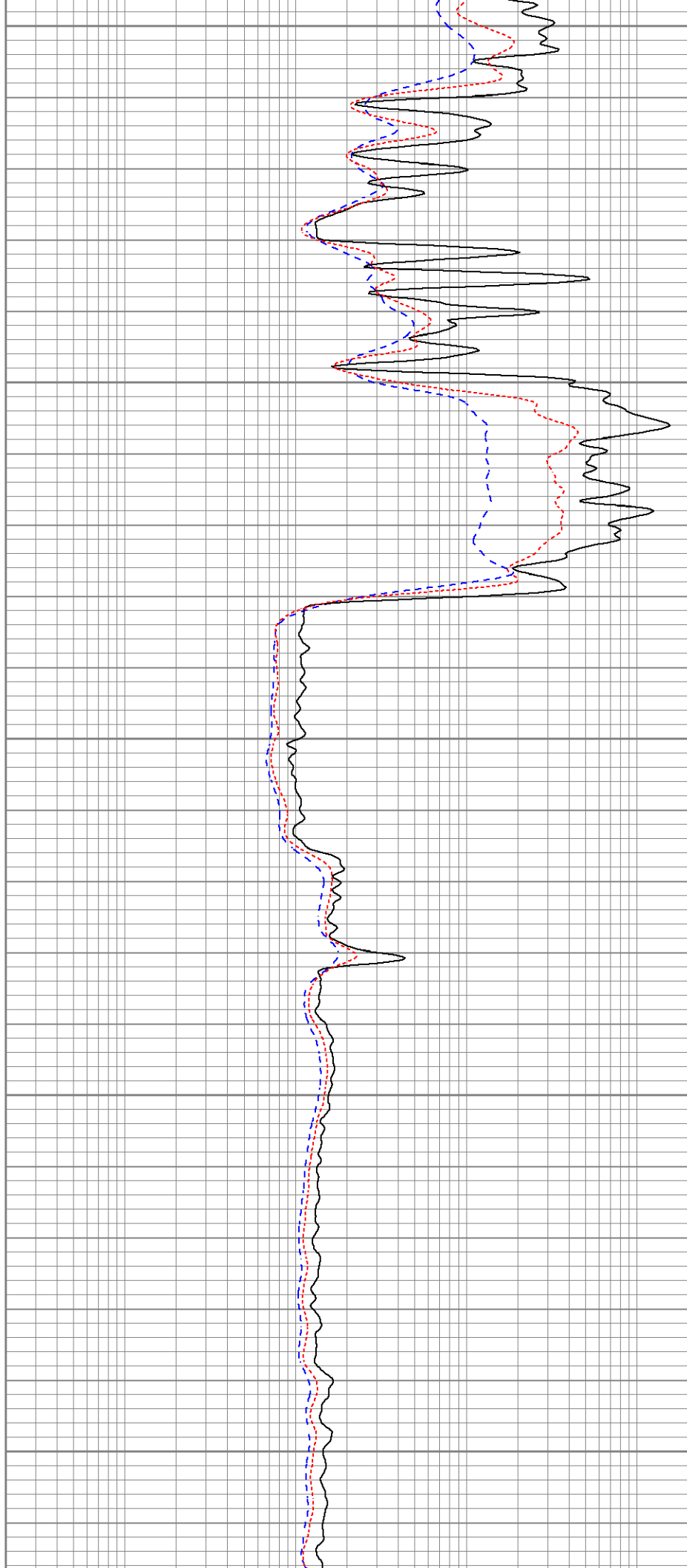
2650

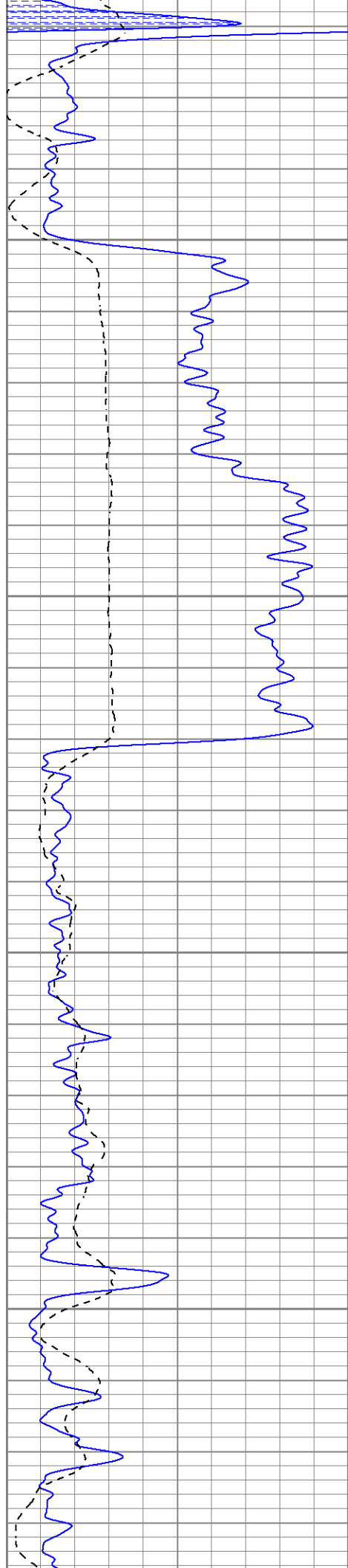
2700

2750

2800

2850



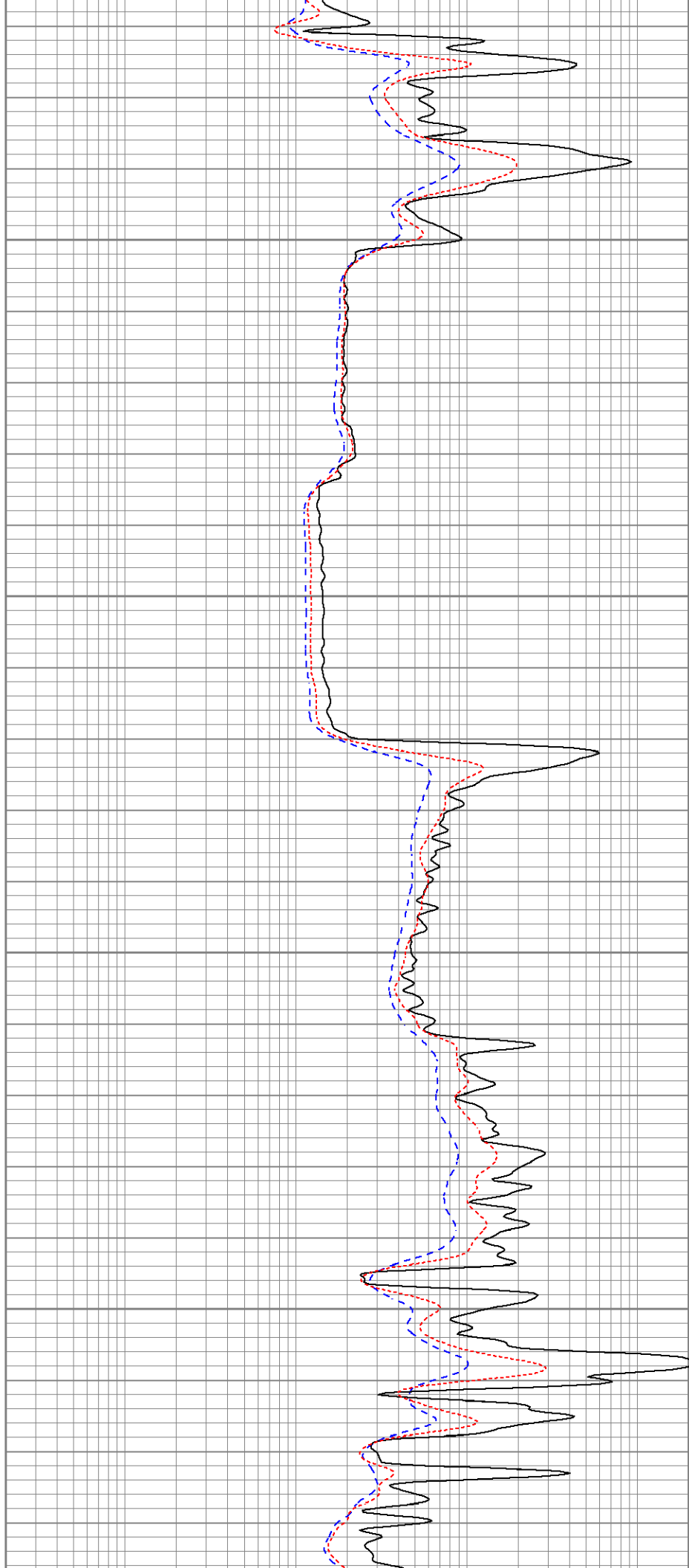


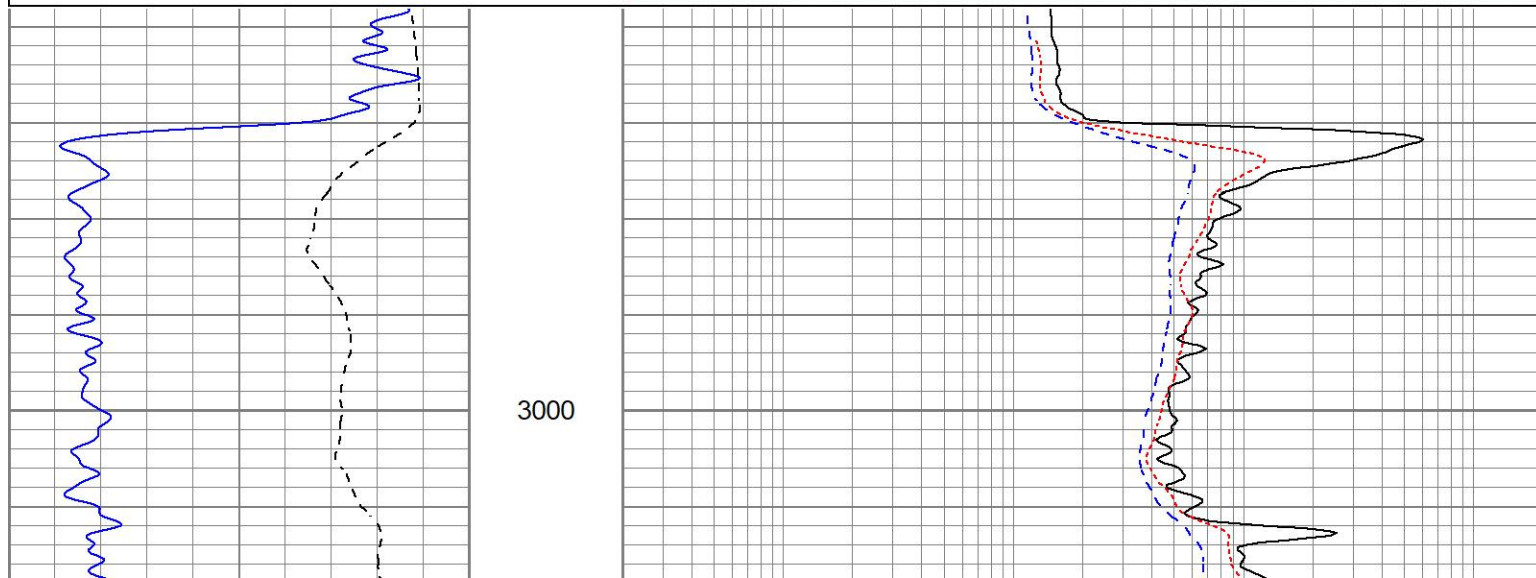
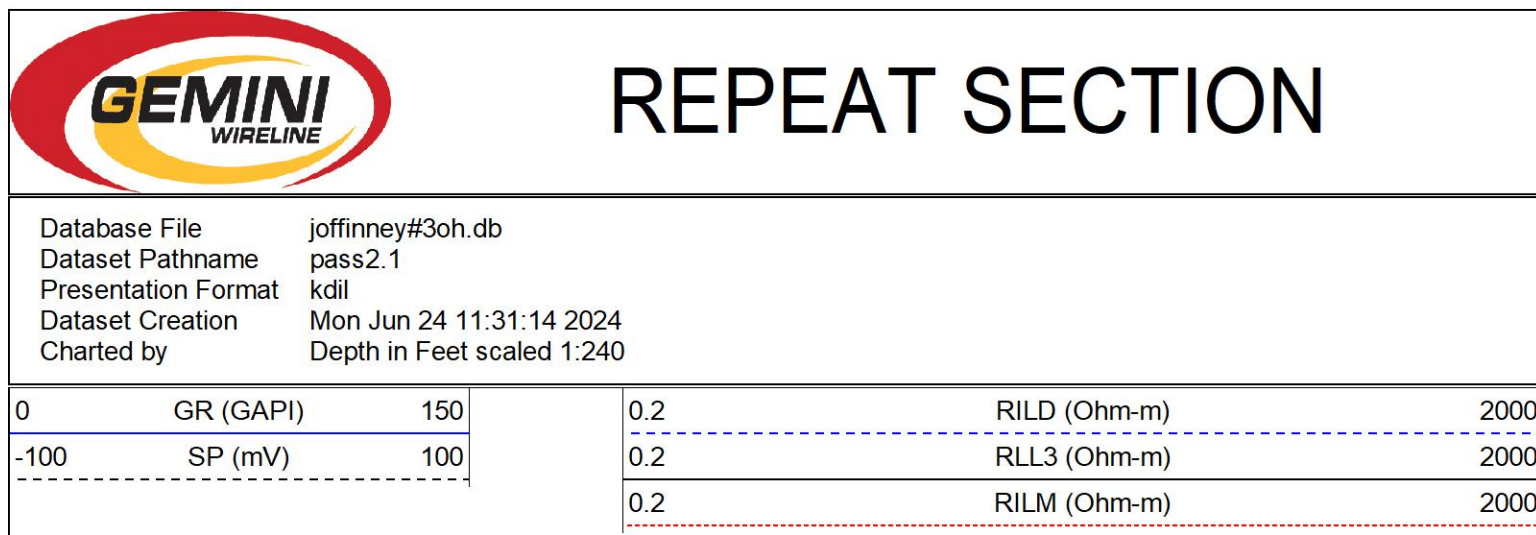
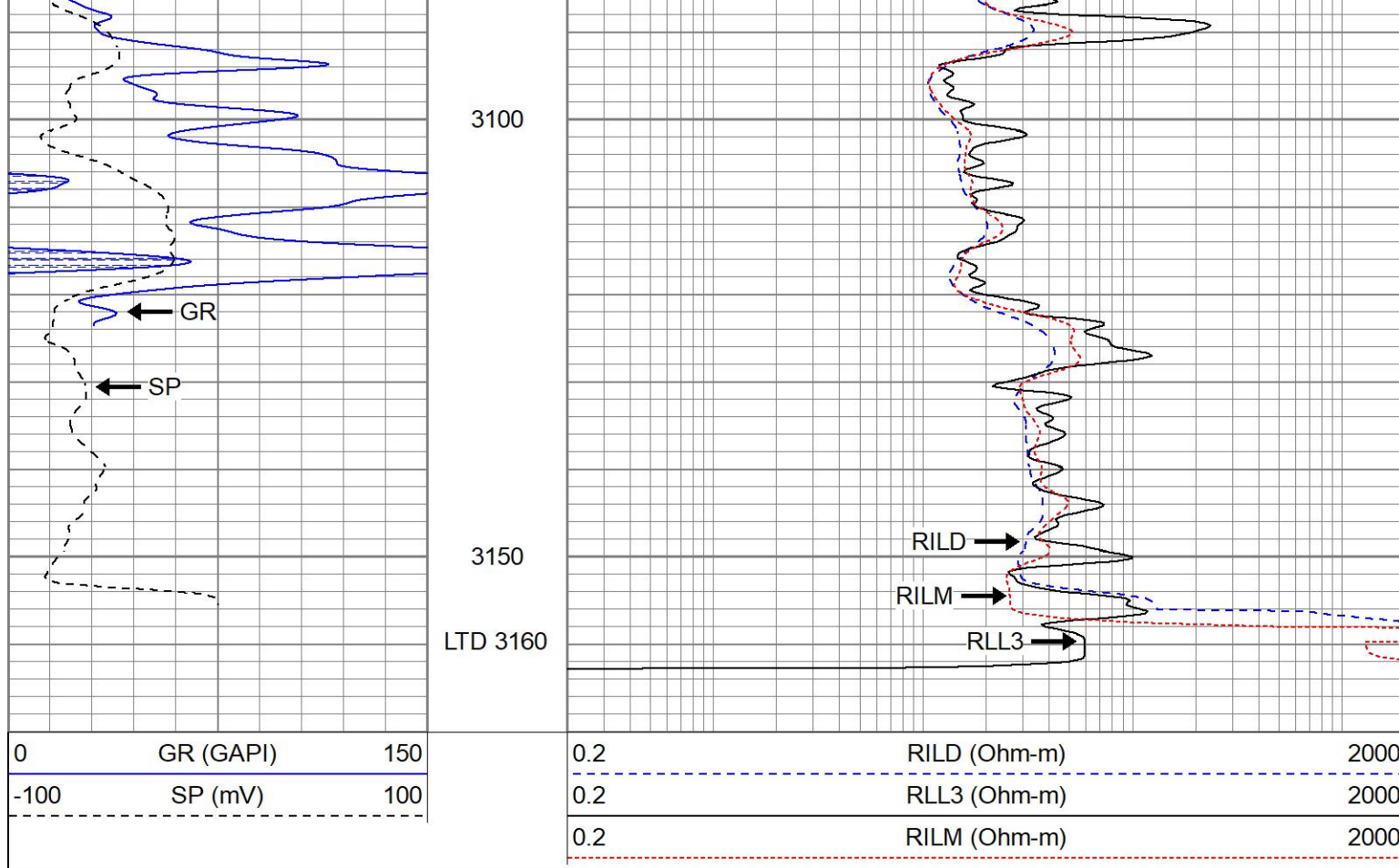
2900

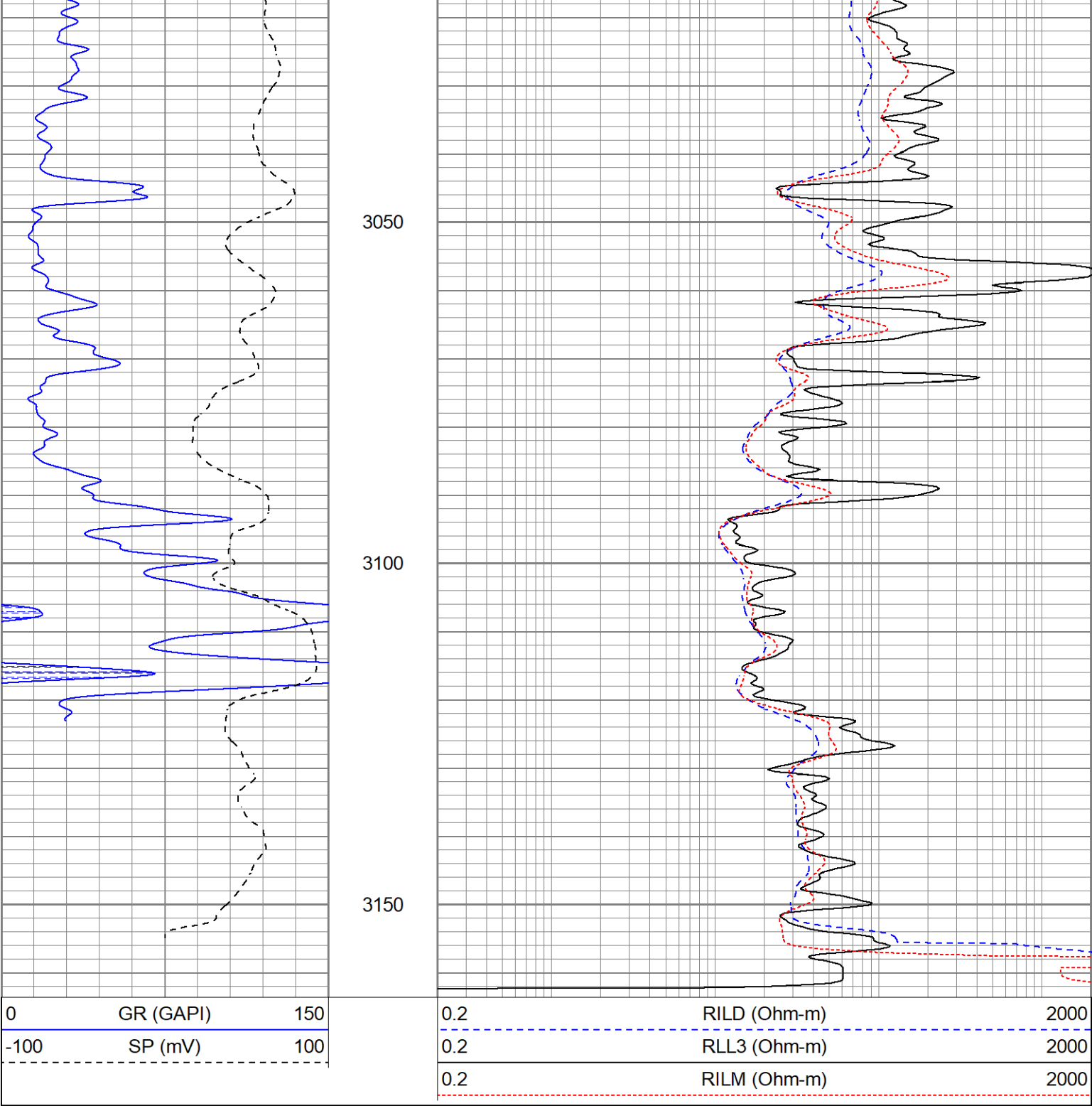
2950

3000

3050







Calibration Report		
Database File	joffinney#3oh.db	
Dataset Pathname	pass3.1	
Dataset Creation	Mon Jun 24 11:36:15 2024	
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:	ADMY5139							
Performed:	(Not Performed)							
Calibrator Value:	1			NAPI				
Calibrator Reading:	1			cps				

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:	Sat Apr 6 22:30:37 2024			
Calibrator Value:	1.0	GAPI		
Background Reading:	0.0	cps		
Calibrator Reading:	1.0	cps		
Sensitivity:	1.0000	GAPI/cps		