



DUAL INDUCTION LOG

Company	WEBSTER OIL, LLC.	Location:	API # : 15-015-24173-0000	Other Services CDL/CNL/PE
Well	BUSH "B" #28	Permanent Datum	1676' FNL & 1414' FWL SW - NW - SE - NW	Elevation K.B. 1355 D.F. 1353 G.L. 1346
Field	FOX BUSH COUCH	Log Measured From	SEC 19 TWP 29S RGE 6E	
County	BUTLER	Drilling Measured From	GROUND LEVEL Elevation KELLY BUSHING 9' A.G.L. KELLY BUSHING	
State	KANSAS			
Date	12/20/22			
Run Number	ONE			
Depth Driller	2994			
Depth Logger	2995			
Bottom Logged Interval	2993			
Top Log Interval	00			
Casing Driller	8 5/8"@210'			
Casing Logger	212			
Bit Size	7 7/8"			
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES:N/A		
Density / Viscosity	9.4/50			
pH / Fluid Loss	N/A			
Source of Sample	FLOWLINE			
Rm @ Meas. Temp	3.00@53F			
Rmf @ Meas. Temp	2.25@53F			
Rmc @ Meas. Temp	3.60@53F			
Source of Rmf / Rmc	MEASURED			
Rm @ BHT	1.49@107F			
Time Circulation Stopped	2 HOURS			
Time Logger on Bottom	9:30 P.M.			
Maximum Recorded Temperature	107F			
Equipment Number	8916			
Location	HAYS, KANSAS			
Recorded By	JEFF LUEBBERS			
Witnessed By	ROGER MARTIN	JIM WEBSTER	BILL WEBSTER	

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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.

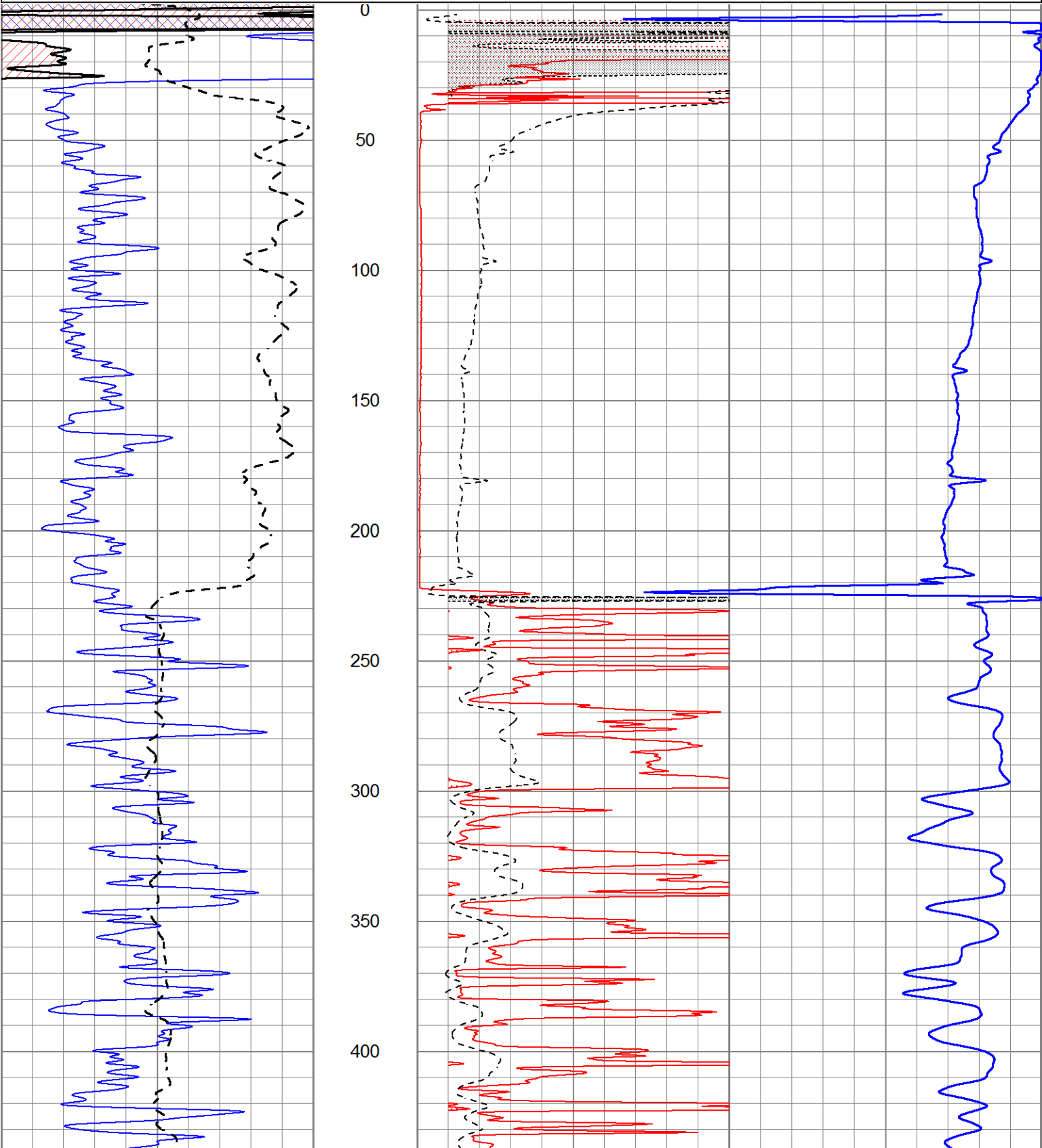
Comments

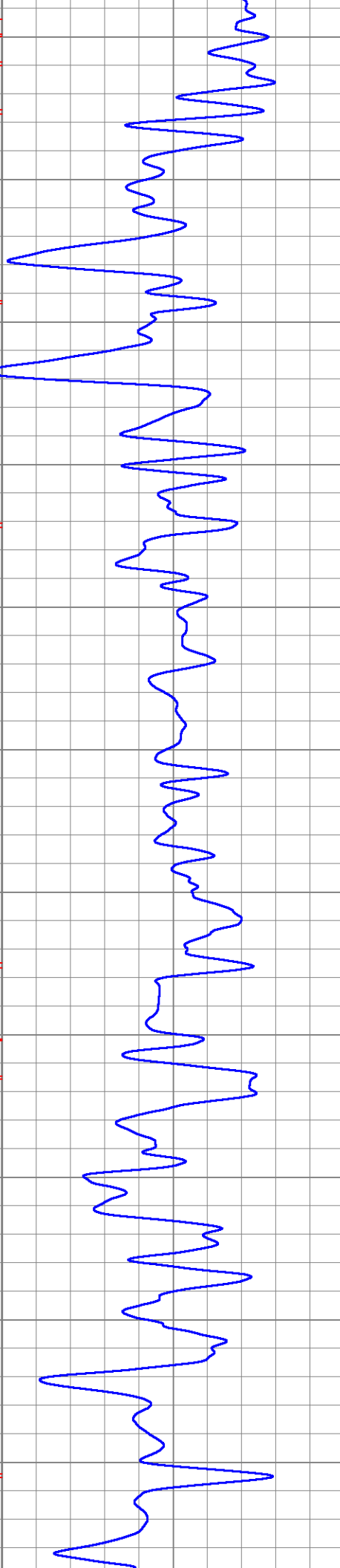
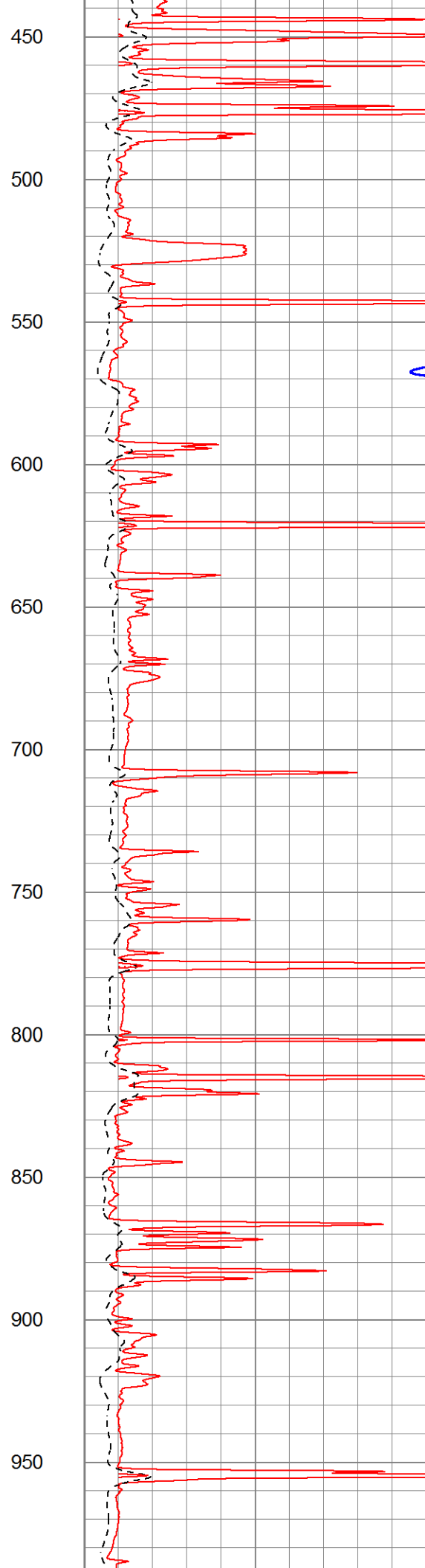
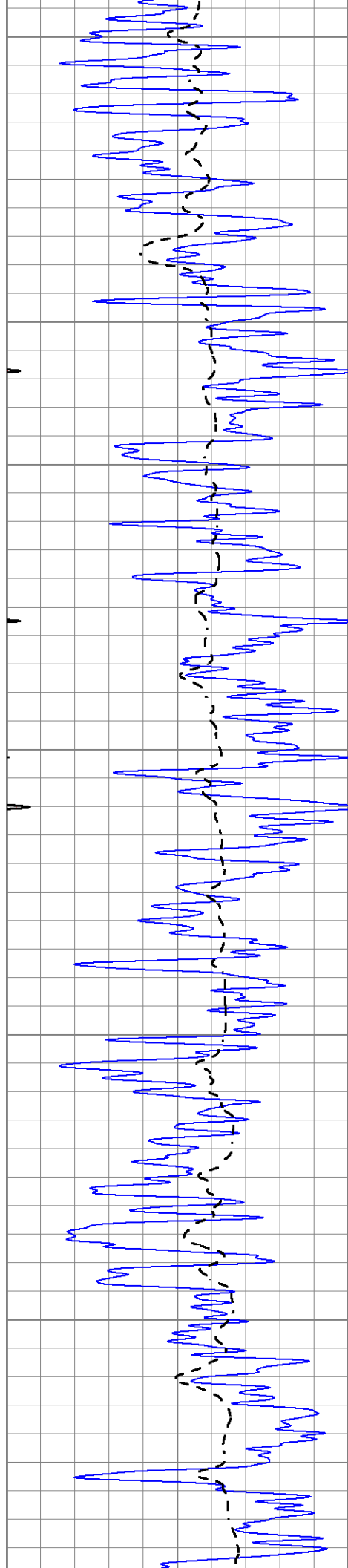
THANK YOU FOR USING ELI WIRELINE, HAYS, KS. (785) 628-6395
DIRECTIONS:
SMILEYVILLE, KS., 4E. ON "RD. 210", S. INTO ON TRAIL

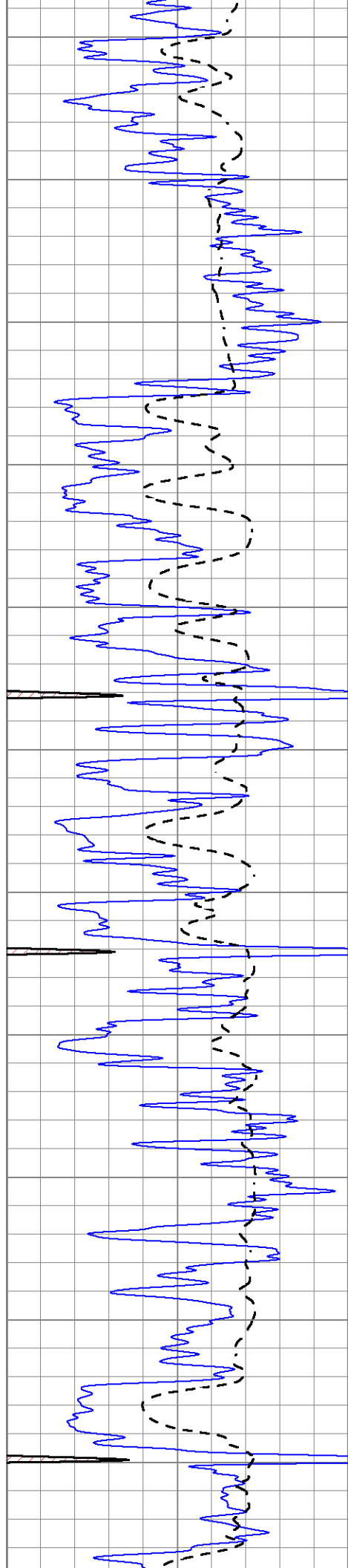


MAIN SECTION

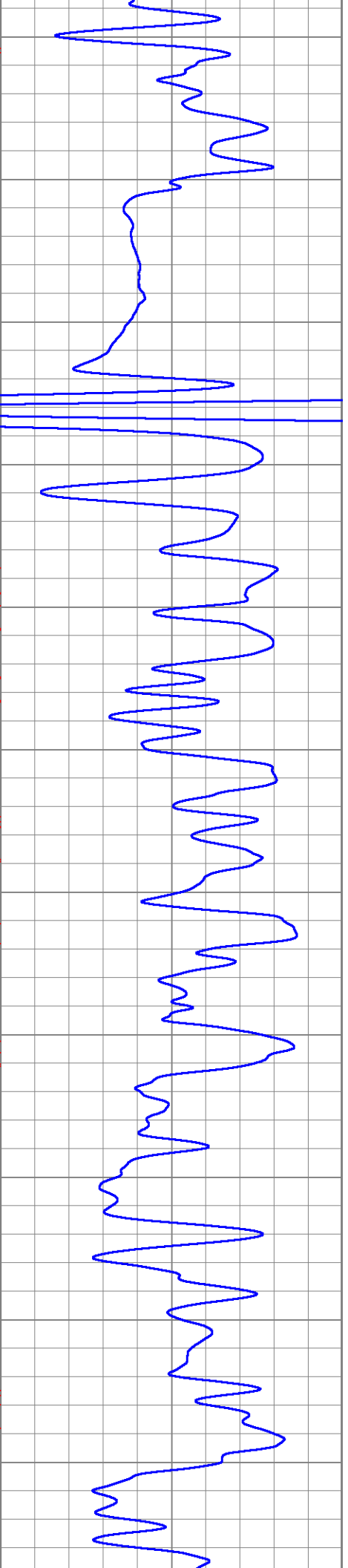
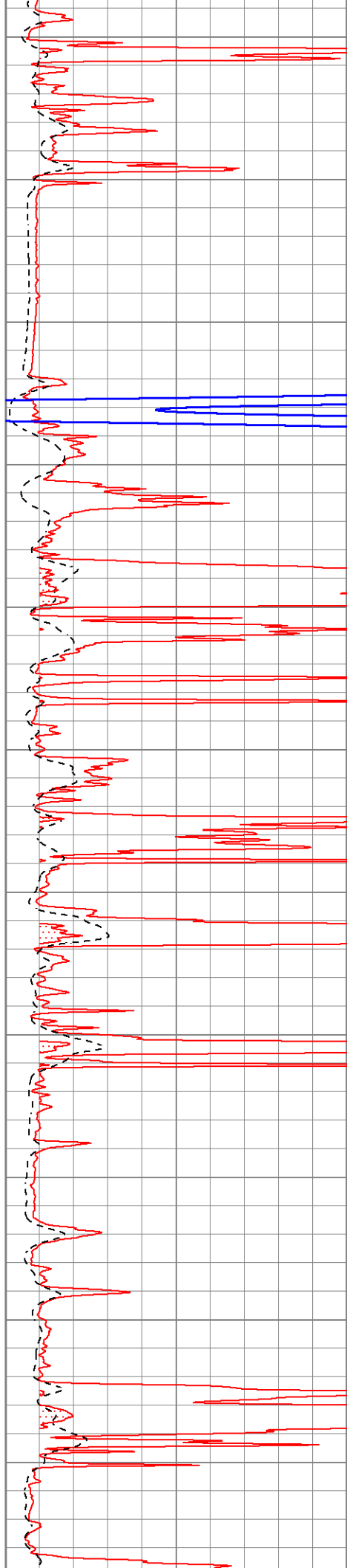
0	Gamma Ray (GAPI)	150	1000	CILD (mmho/m)	0
-100	SP (mV)	100	0	RLL3 (Ohm-m)	50
-----			0	RILD (Ohm-m)	50
			50	RILD X10 (Ohm-m)	500
			50	RLL3 X10 (Ohm-m)	500

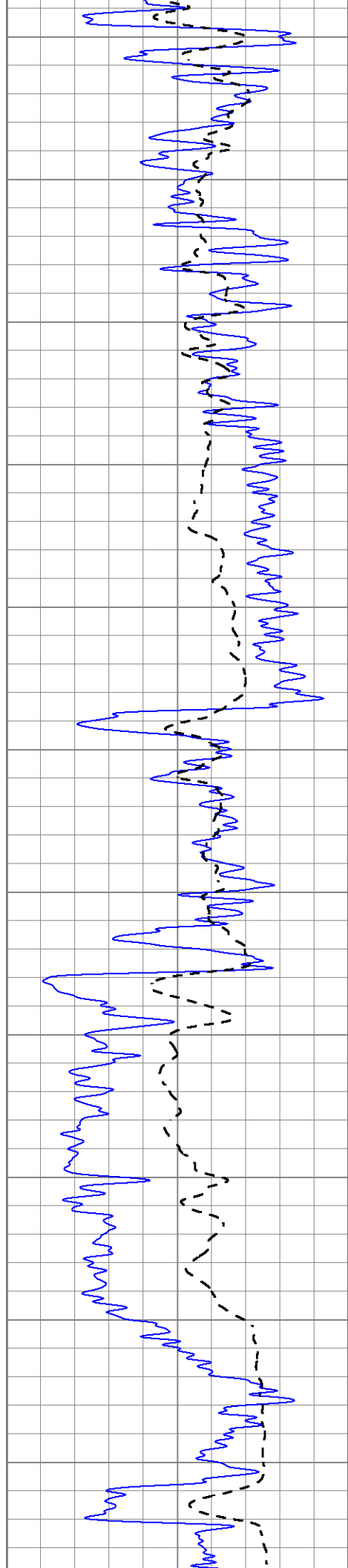






1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
1500





1550

1600

1650

1700

1750

1800

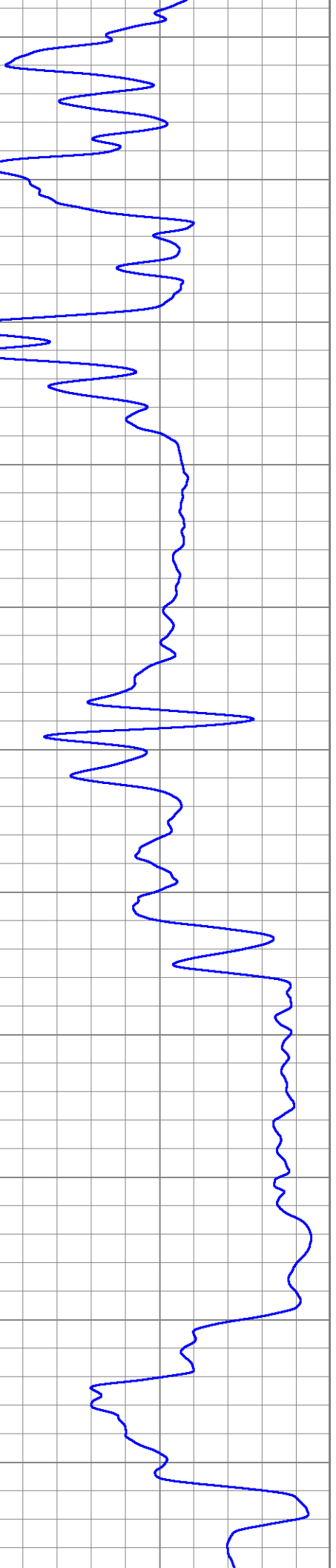
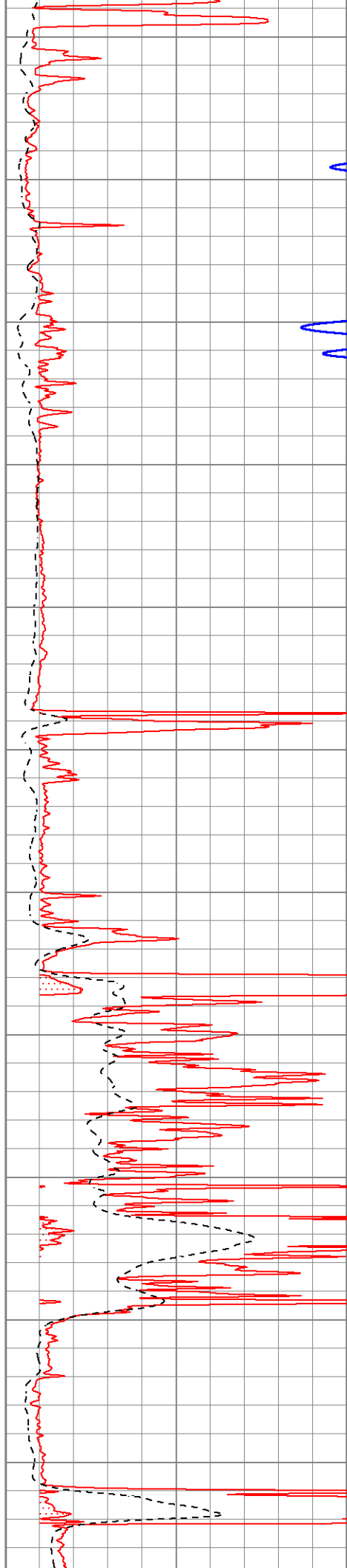
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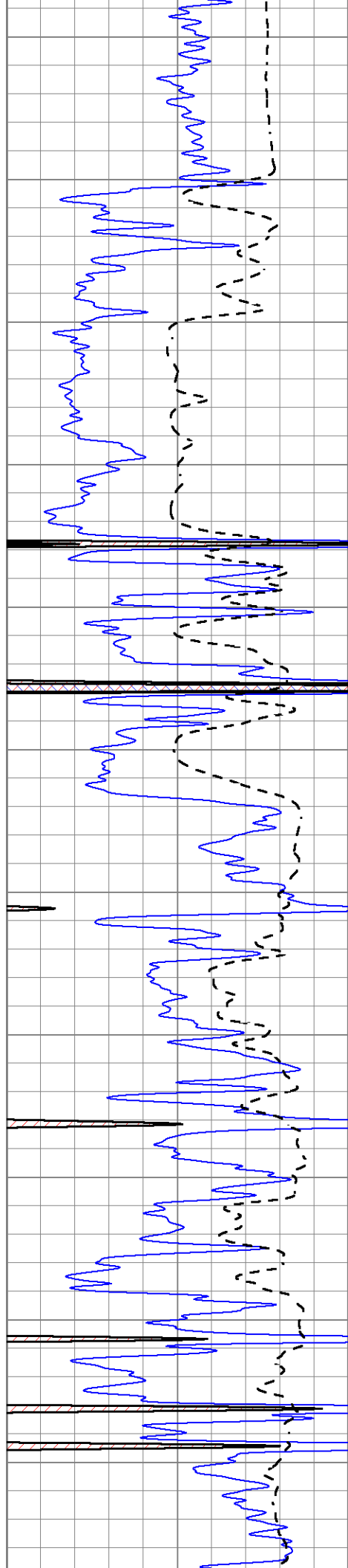
1900

1950

2000

2050





2100

2150

2200

2250

2300

2350

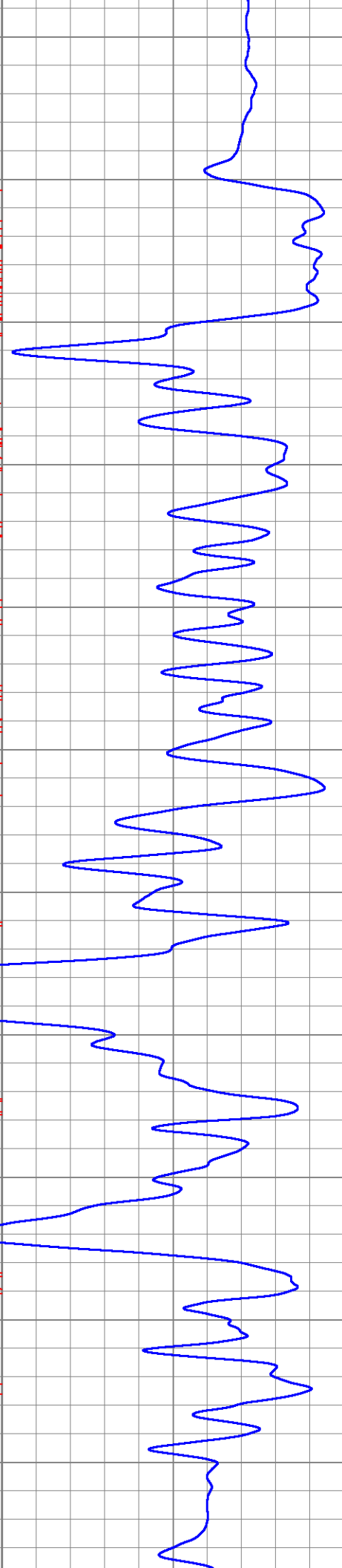
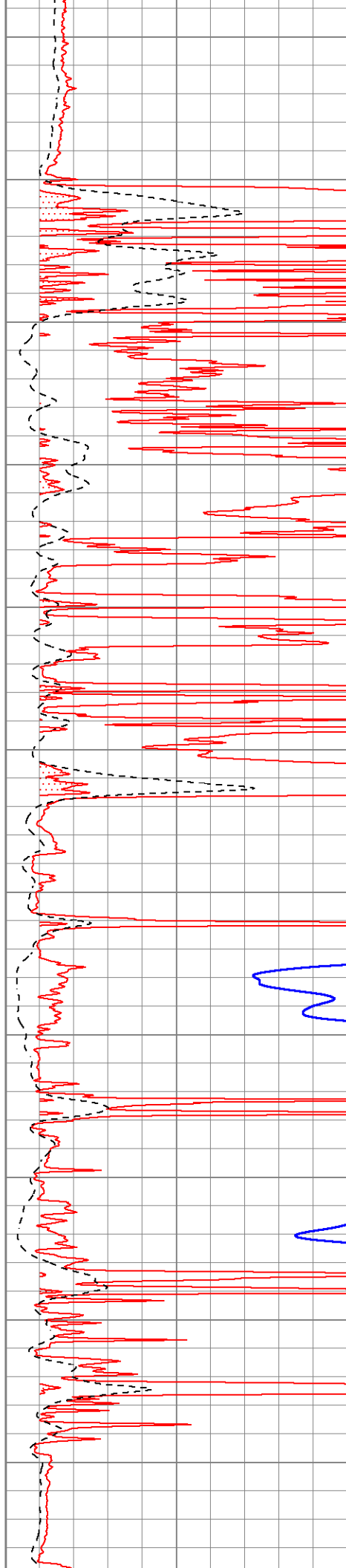
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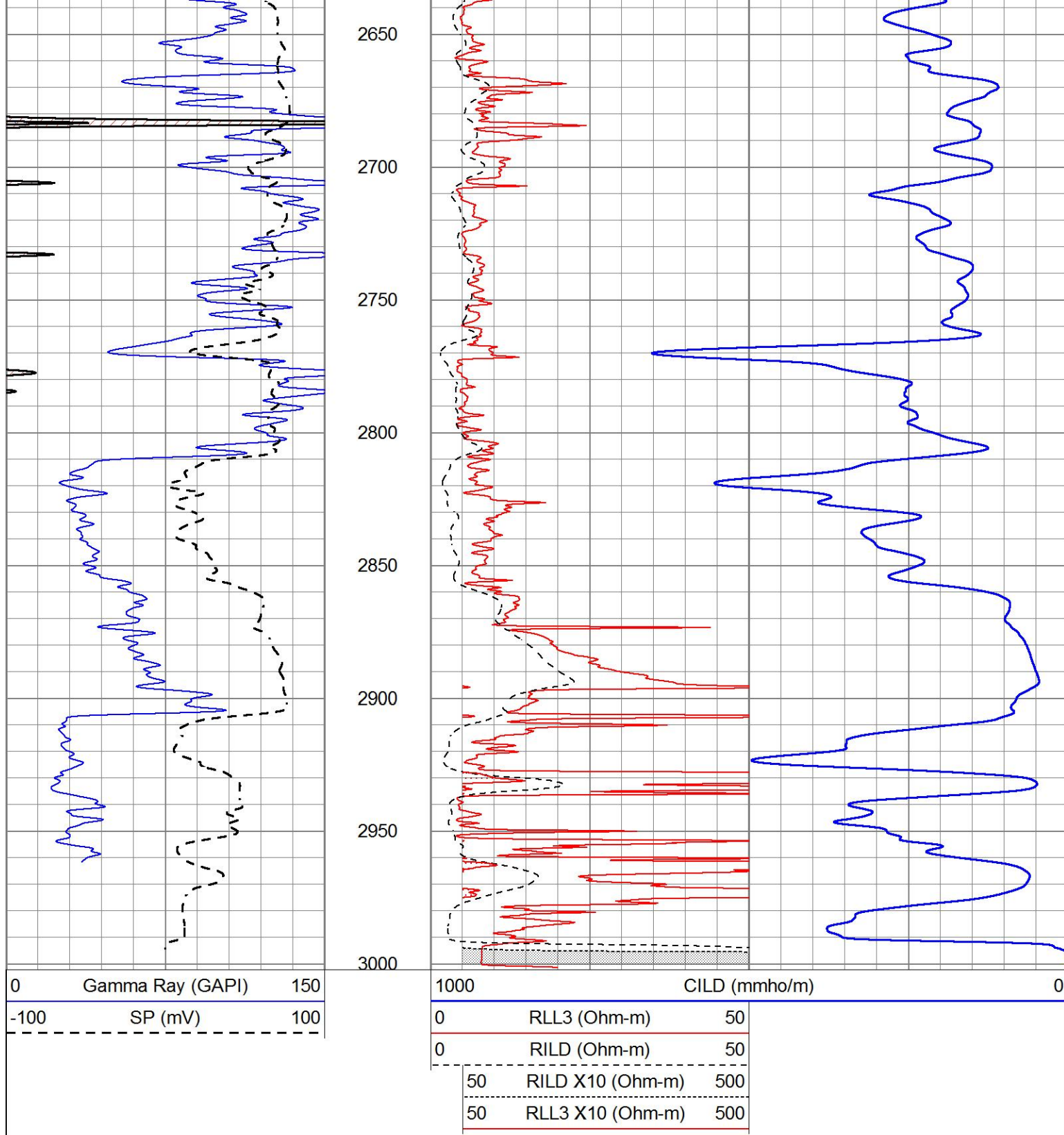
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2500

2550

2600



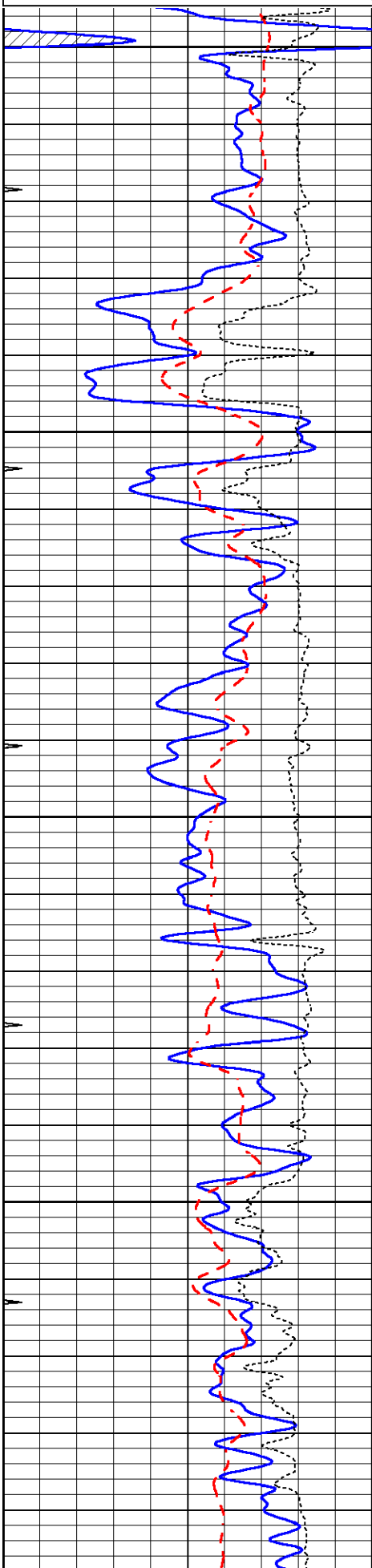


MAIN SECTION

Database File 6823pe.db
 Dataset Pathname pass3.1M
 Presentation Format _dil
 Dataset Creation Tue Dec 20 23:19:01 2022
 Charted by Depth in Feet scaled 1:240

0 GAMMA RAY (GAPI) 150 0.2 SHALLOW GUARD (Ohm-m) 2000

-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	20



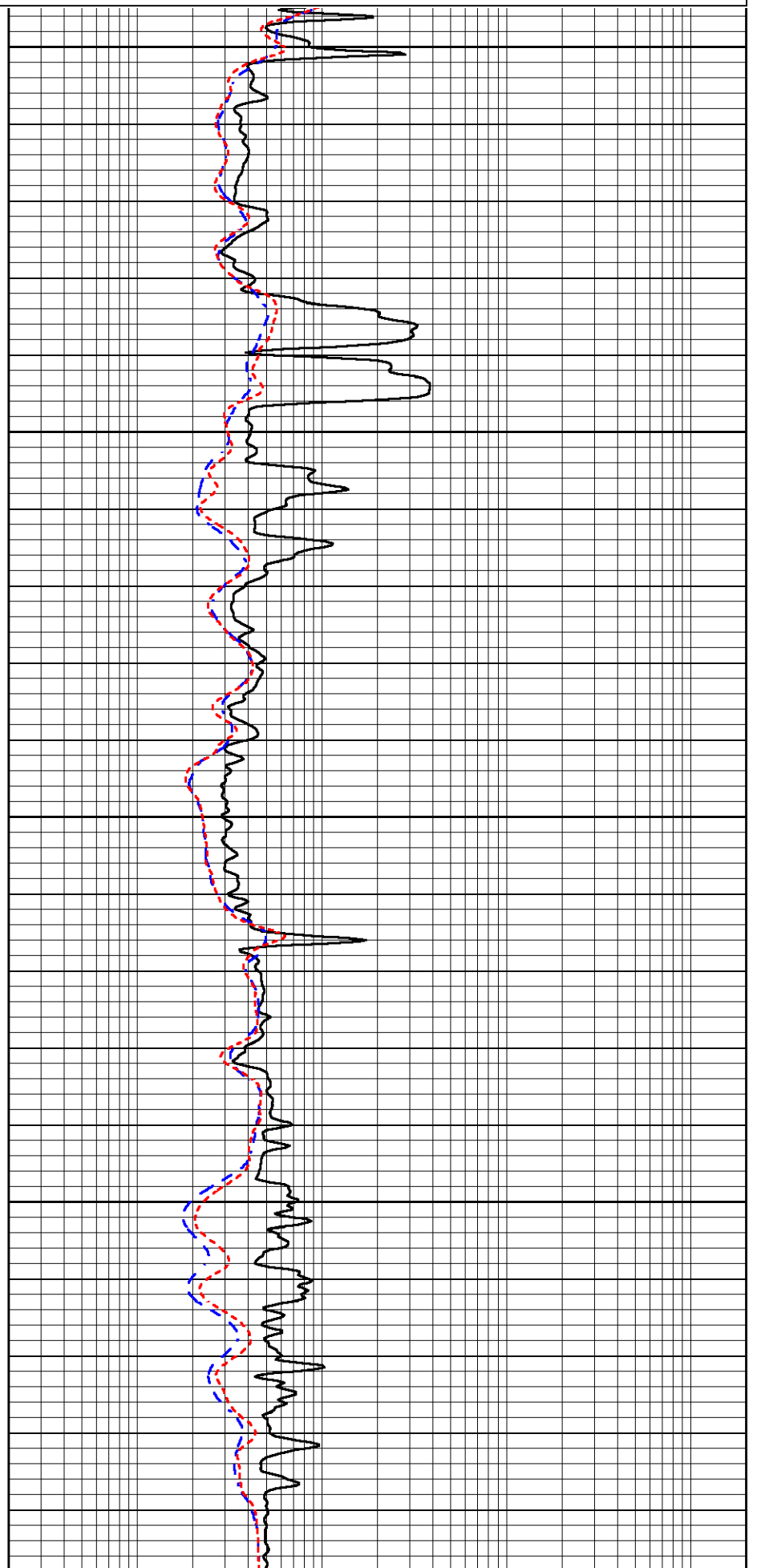
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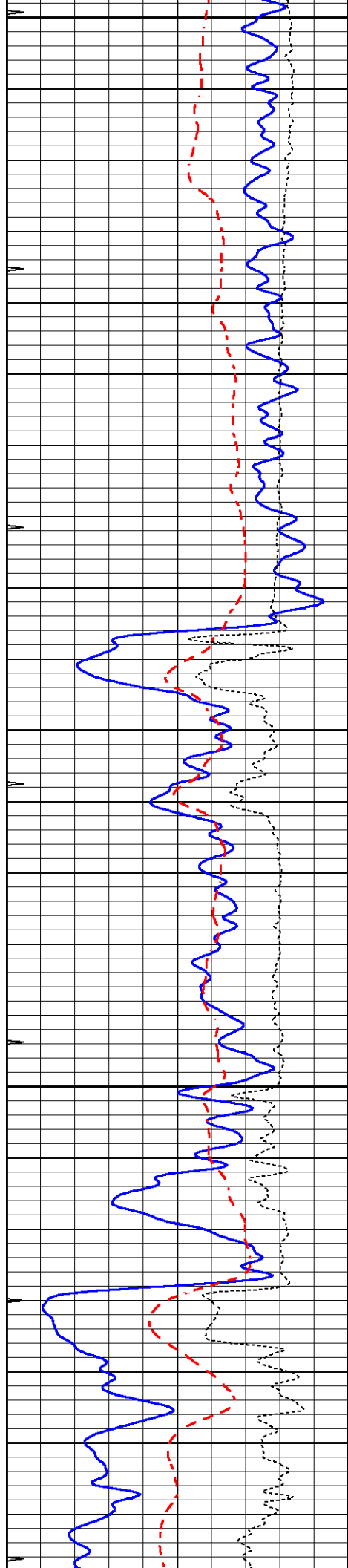
1550

1600

1650

0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000





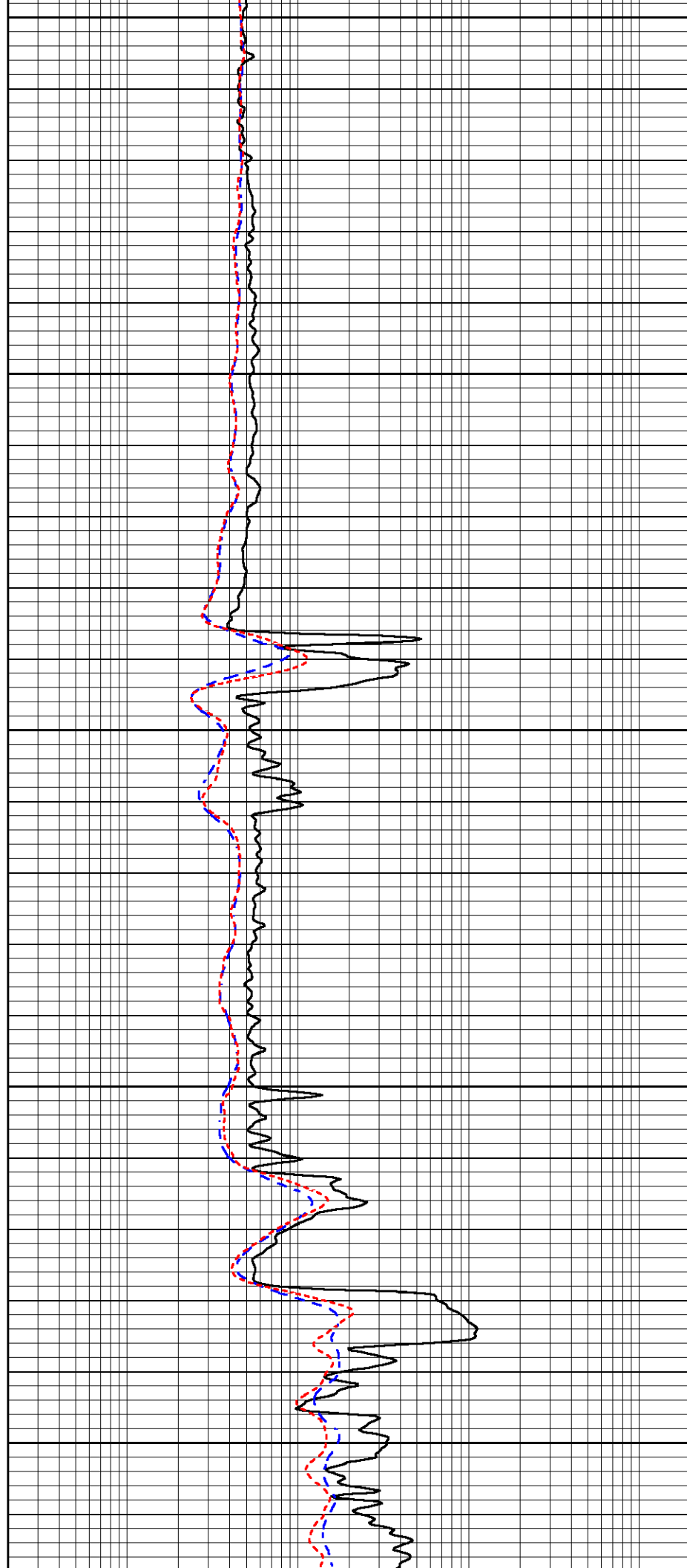
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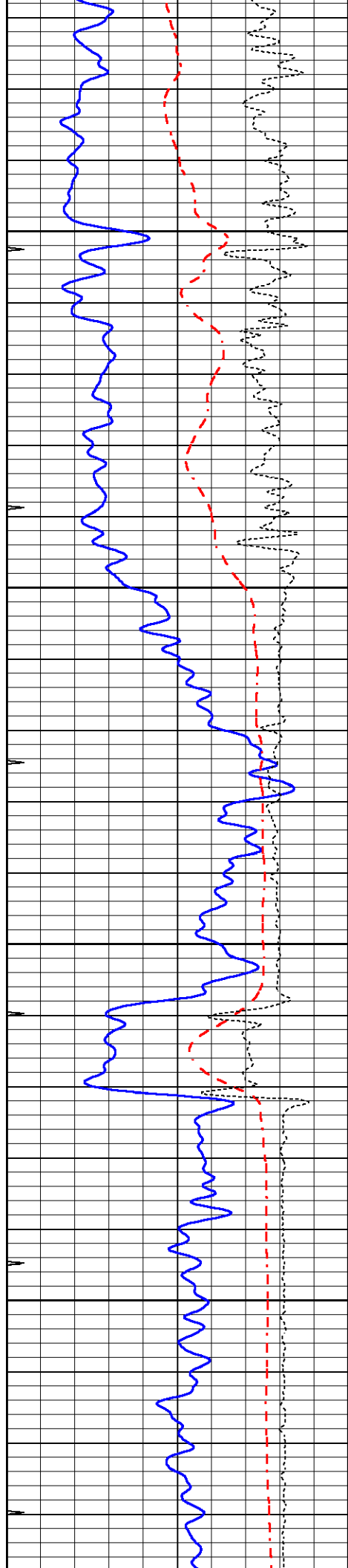
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1800

1850

1900



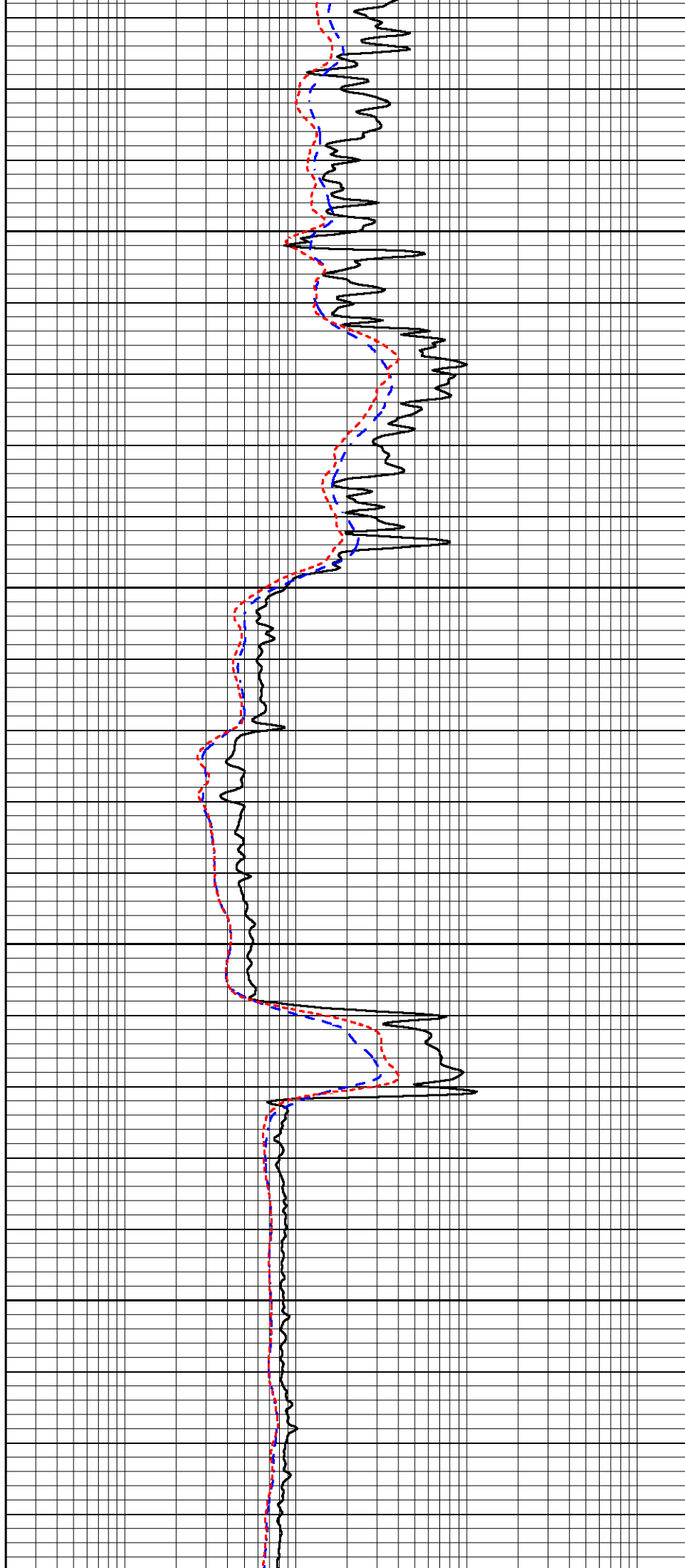


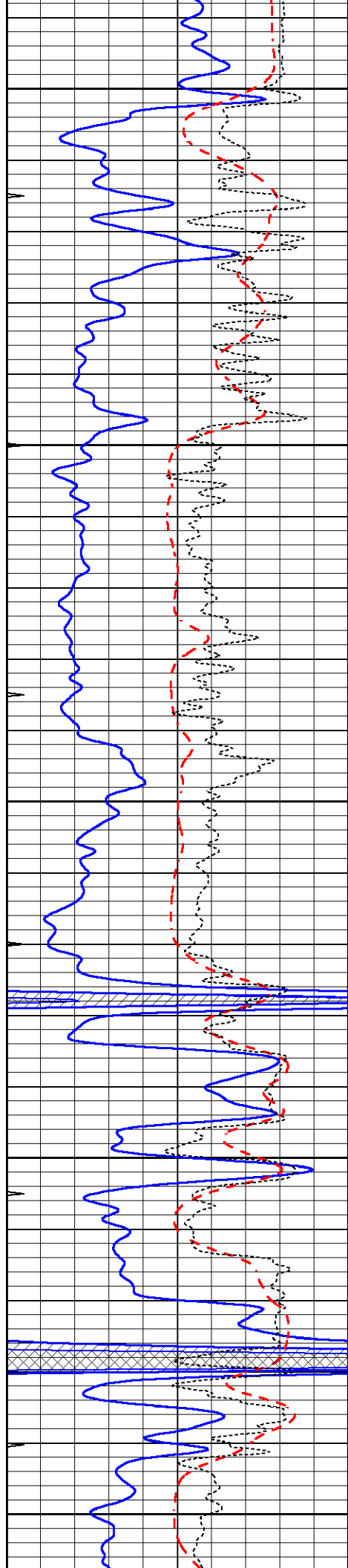
1950

2000

2050

2100





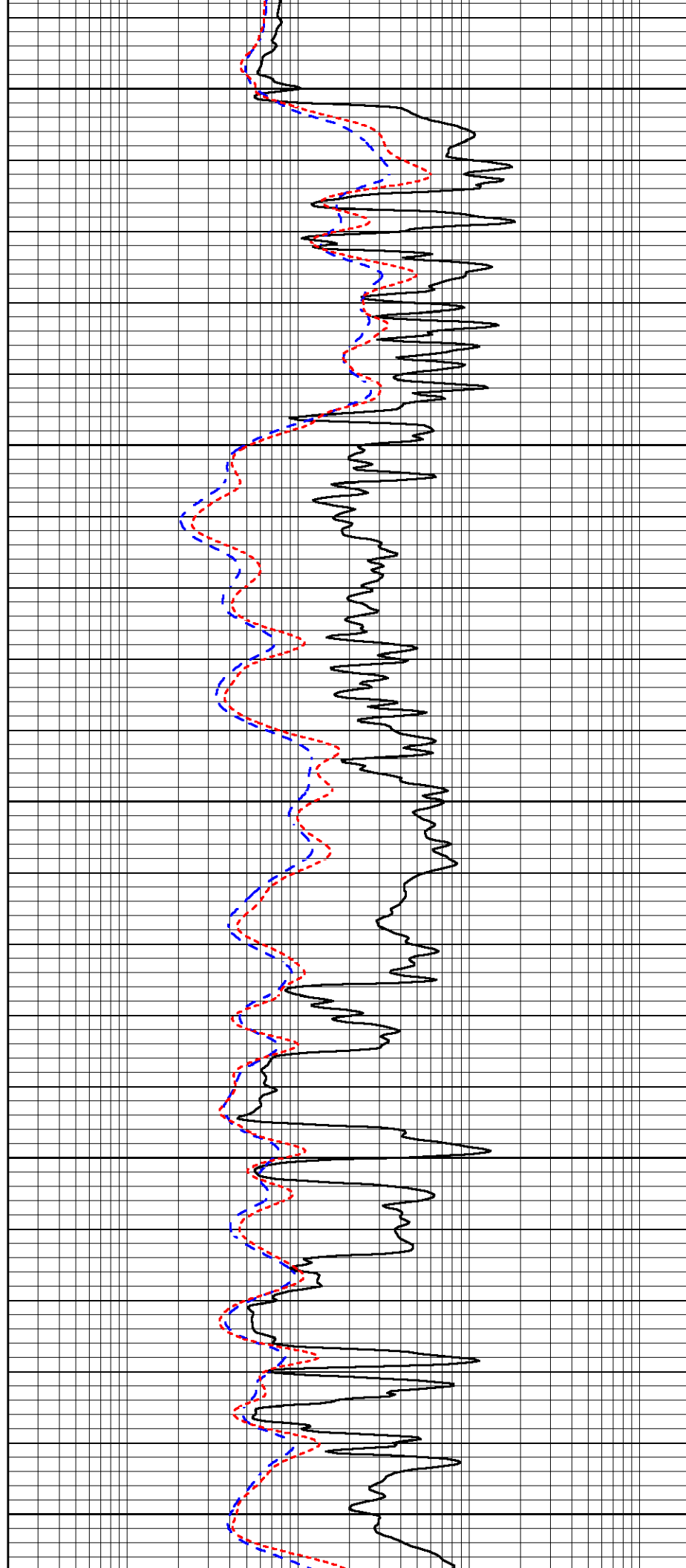
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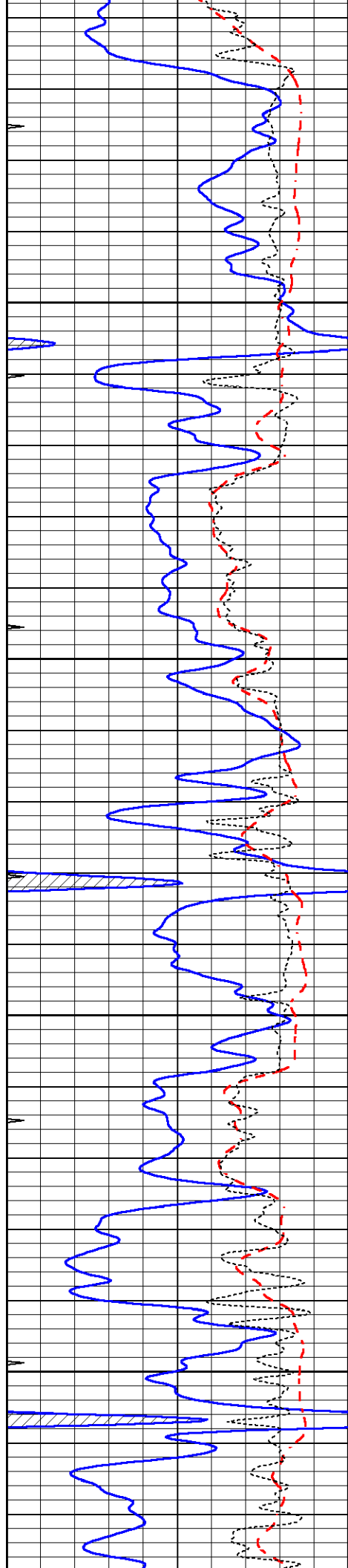
2200

2250

2300

2350



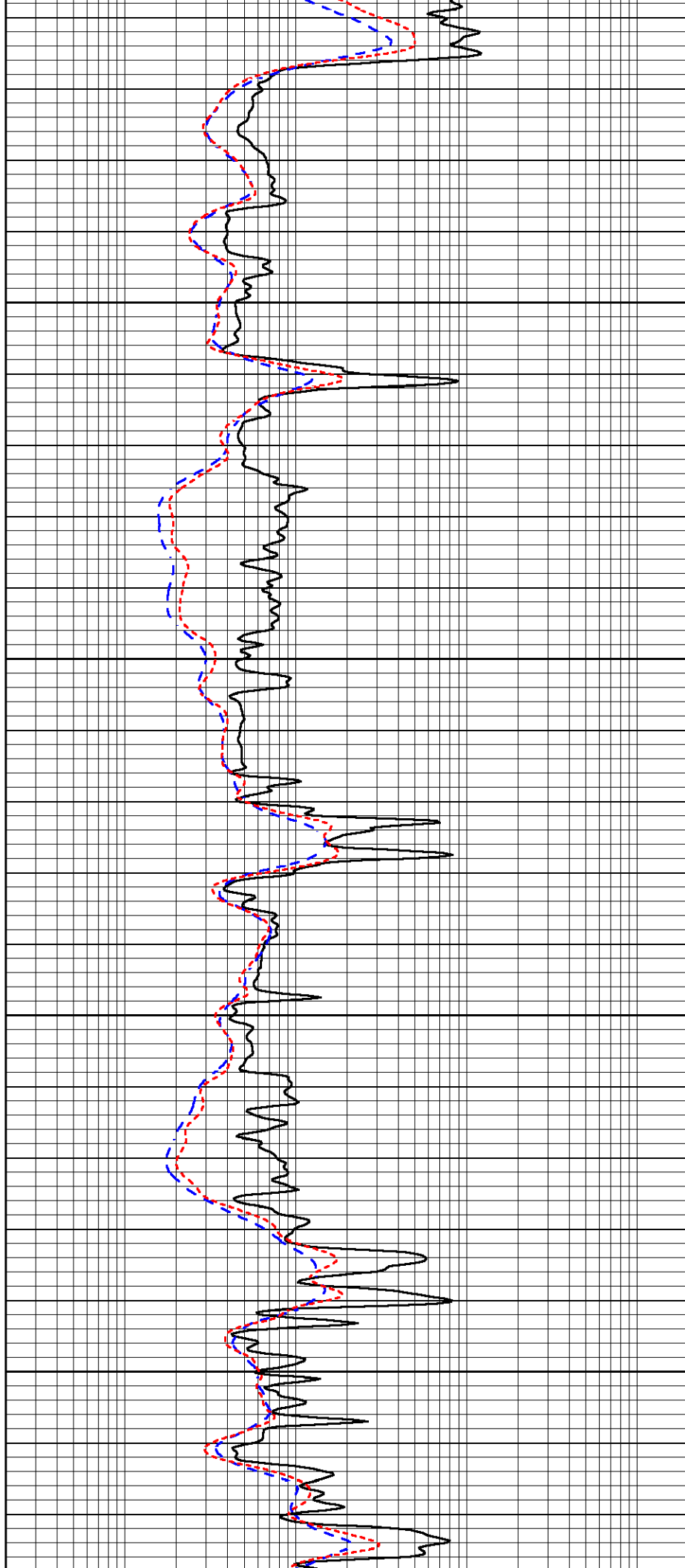


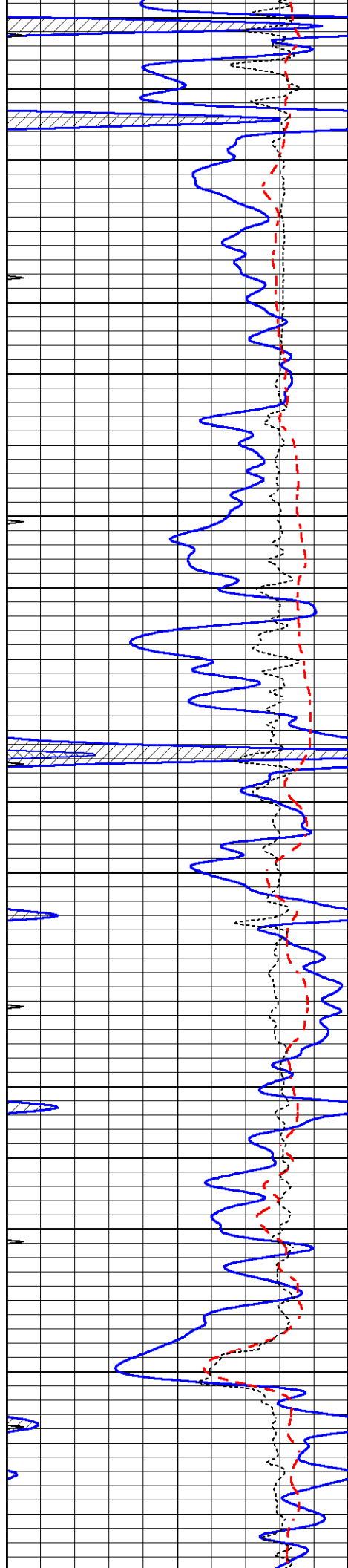
2400

2450

2500

2550



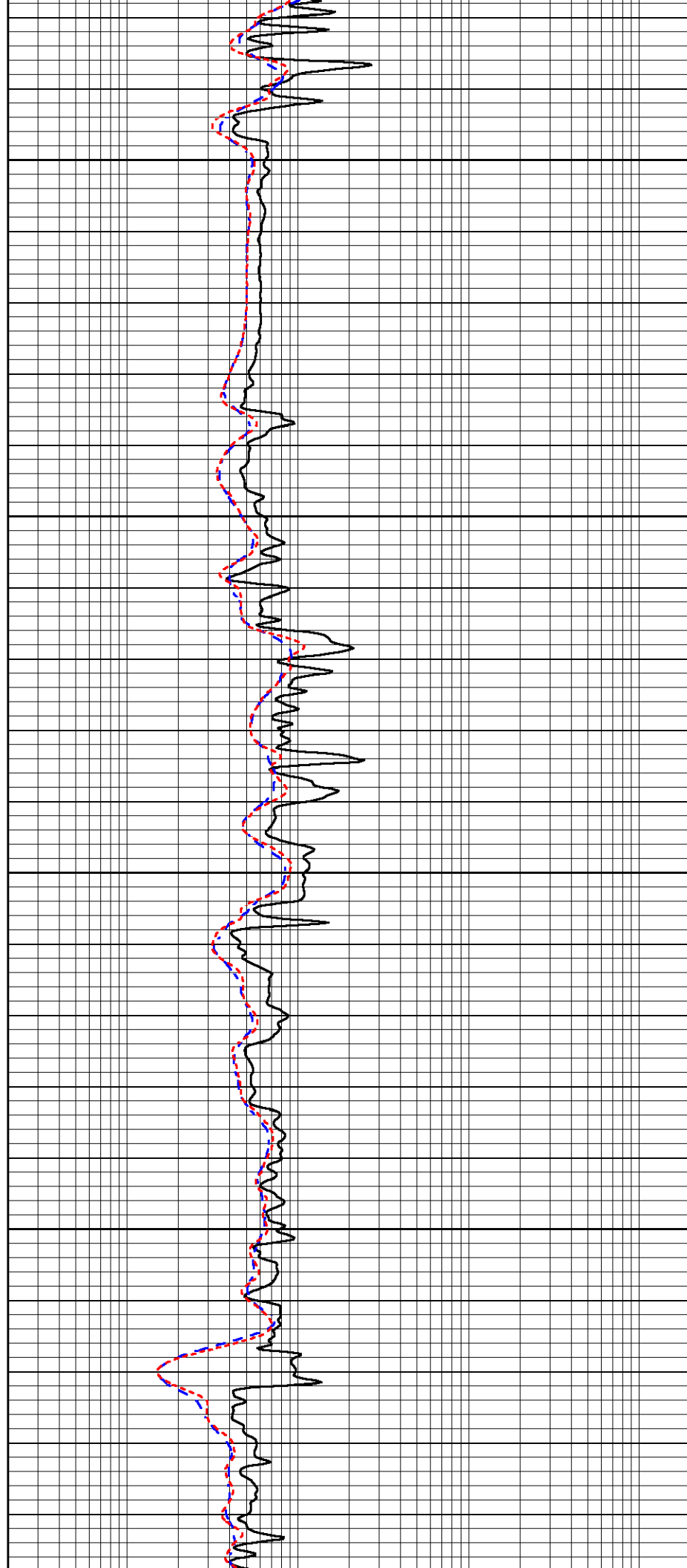


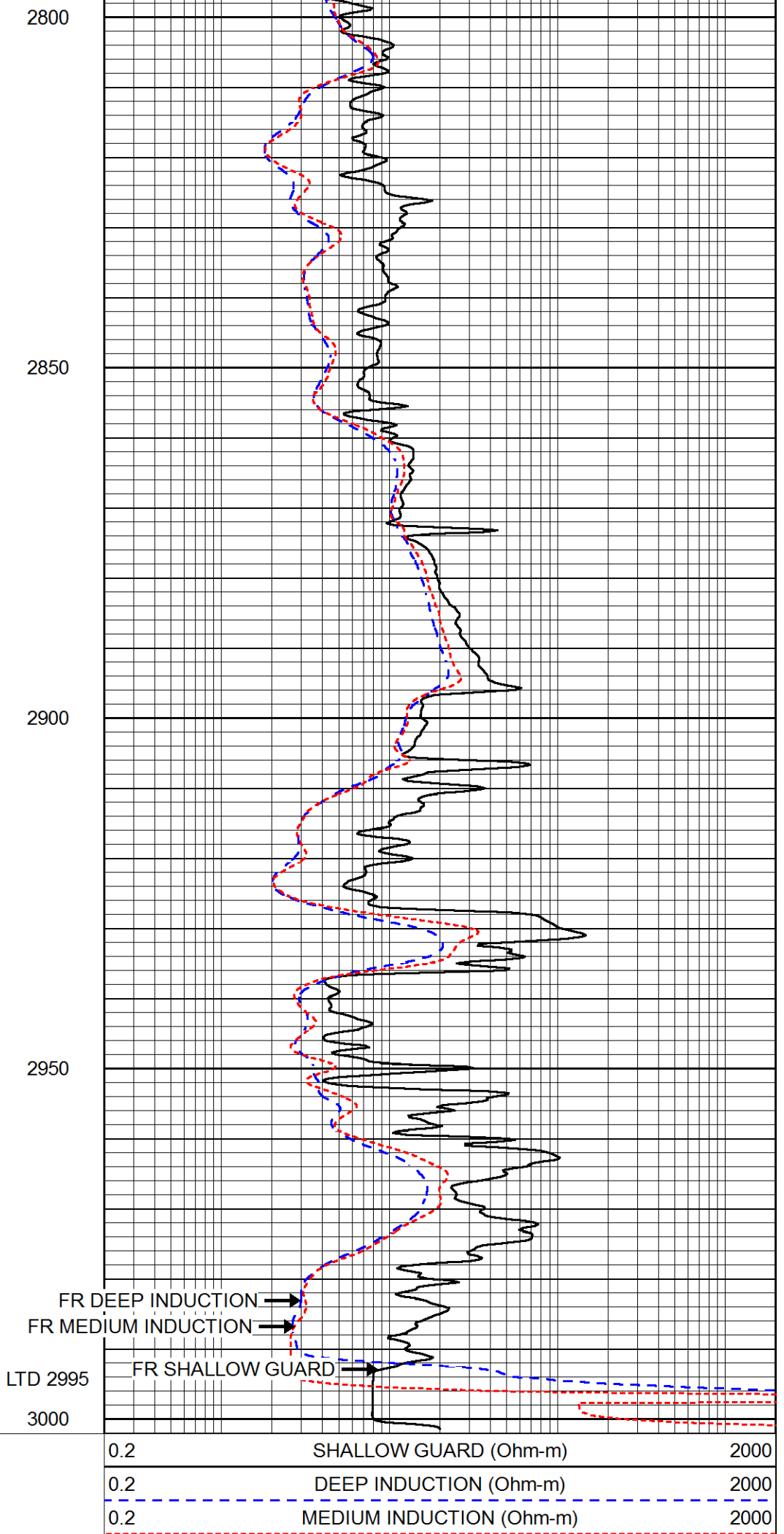
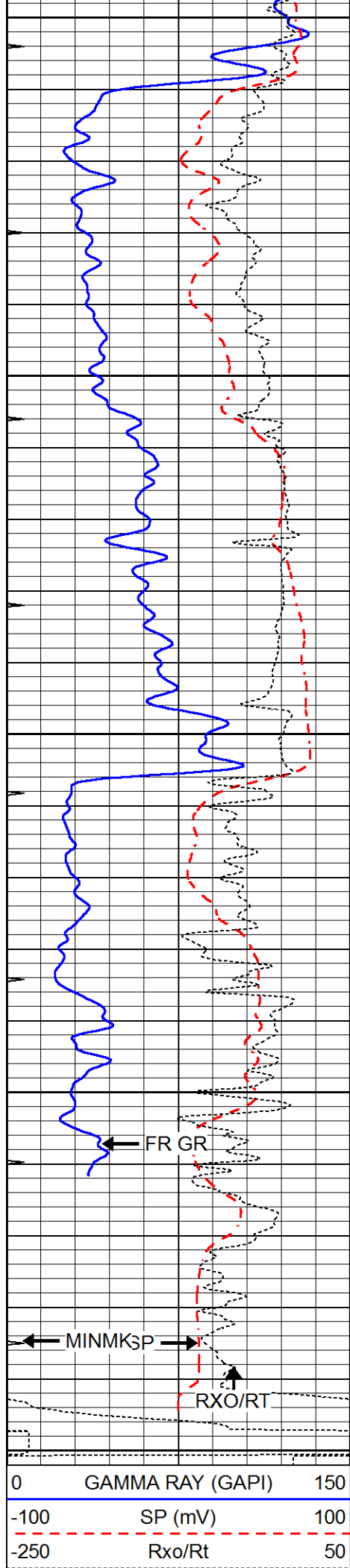
2600

2650

2700

2750







REPEAT SECTION

Database File6823pe.db

Dataset Pathnamepass2.1R

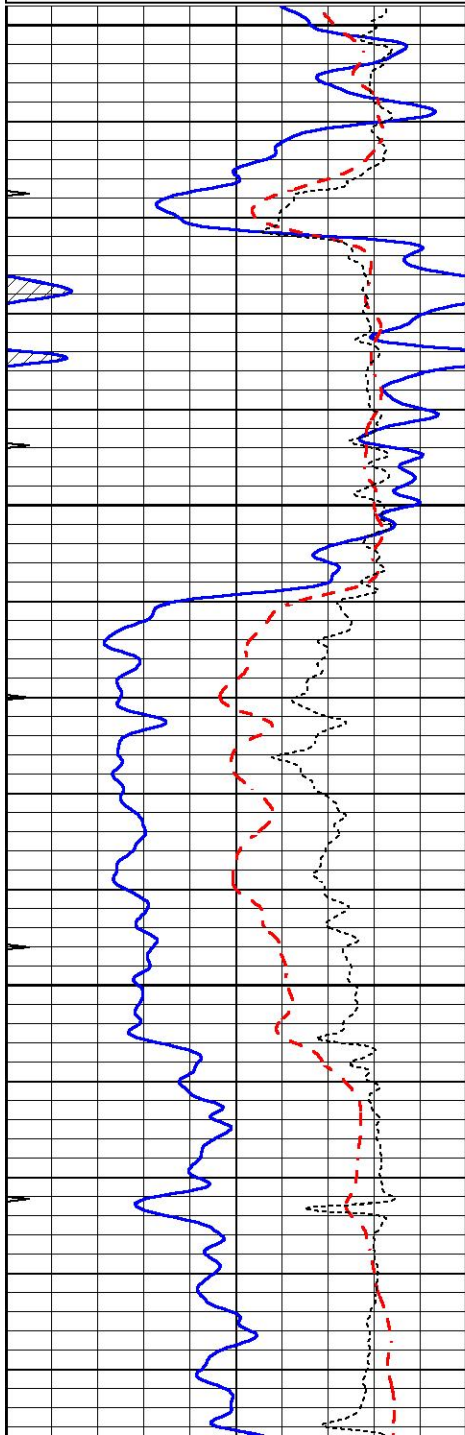
Presentation Format_dil

Dataset CreationTue Dec 20 22:46:57 2022

Charted byDepth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	20

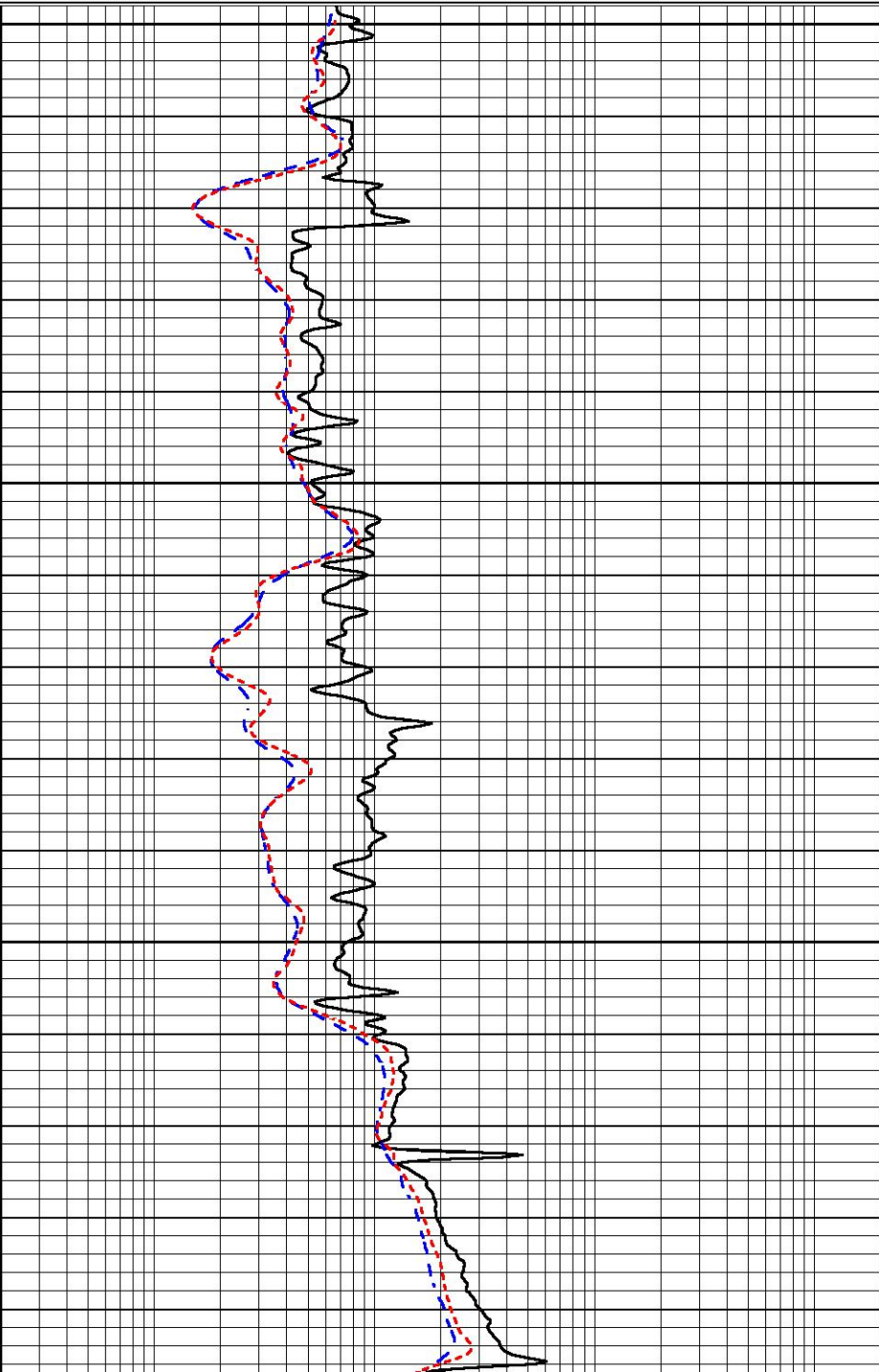
0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000

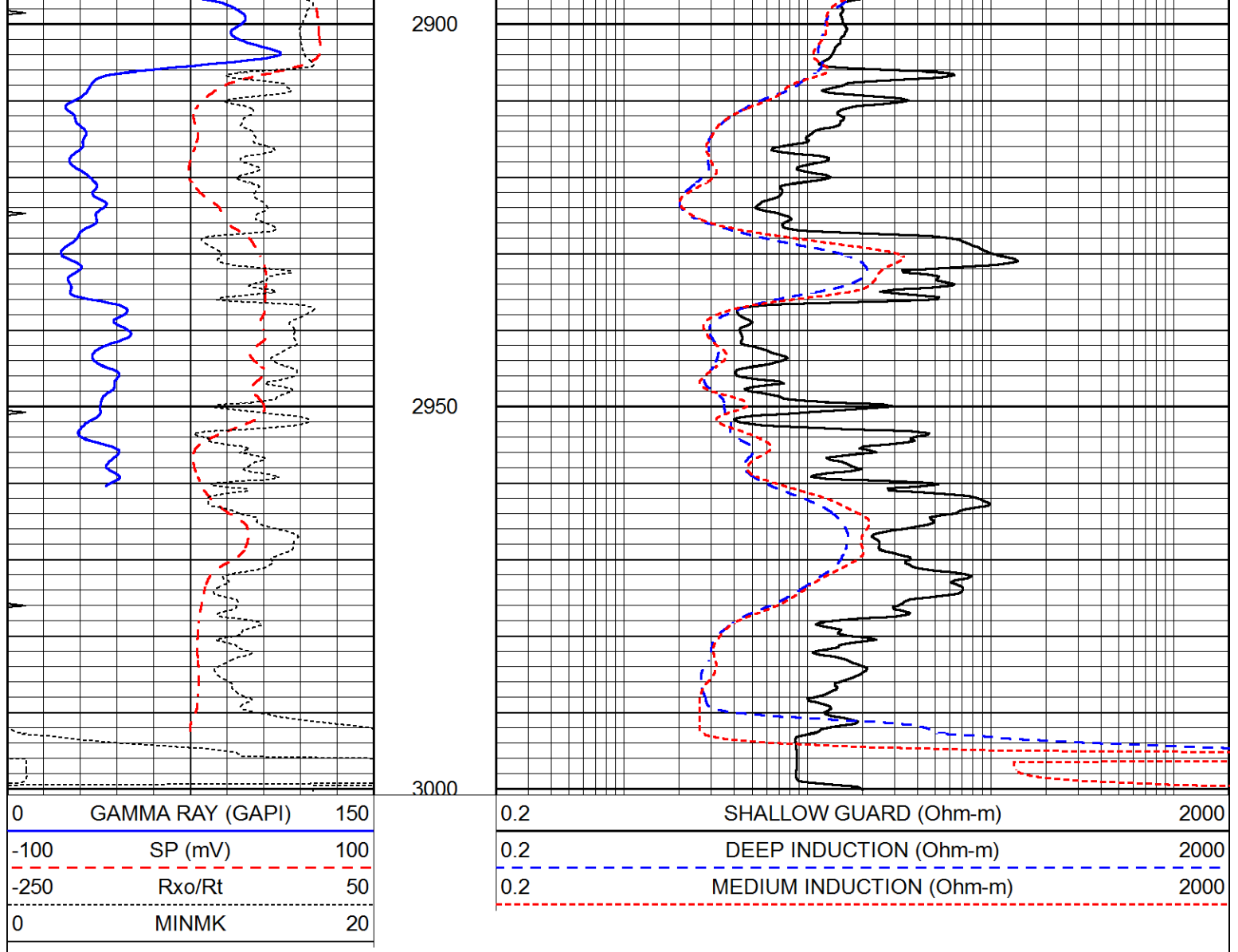


2750

2800

2850





Calibration Report									
Database File	6823pe.db								
Dataset Pathname	pass3.1M								
Dataset Creation	Tue Dec 20 23:19:01 2022								
Dual Induction Calibration Report									
Serial-Model:					PROBE8-DILG				
Surface Cal Performed:					Tue Dec 20 22:46:07 2022				
Downhole Cal Performed:					Mon Sep 10 14:28:38 2018				
After Survey Verification Performed:					Mon Sep 10 14:28:40 2018				
Surface Calibration									
		Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b	
Deep	0.015	0.648	V	0.000	400.000	mmho/m	620.000	4.000	
Medium	0.029	0.796	V	0.000	464.000	mmho/m	620.000	-12.000	
Internal:	Zero	Cal		Zero	Cal		m	b	
Deep	0.017	0.657	V	0.000	400.000	mmho/m	625.153	-10.619	
Medium	0.016	0.757	V	0.000	464.000	mmho/m	625.992	-9.739	
Downhole Calibration									
		Readings			References			Results	

	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	2.011	405.777	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	7.590	503.393	mmho/m	1.000	0.000
LL3		7.500	V		1500.000	Ohm-m		
		0.000	V		20.000	Ohm-m		
		-7.200	V		3800.000	mmho-m		

After Survey Verification								
	Readings			Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	0.000	0.000	mmho/m	0.000	0.000
Medium	0.000	0.000	mmho/m	0.000	0.000	mmho/m	0.000	0.000
LL3		1.000	Ohm-m		1.000	Ohm-m		
		0.000	Ohm-m		0.000	Ohm-m		
		1.000	mmho-m		1.000	mmho-m		

Litho Density Calibration Report
Serial: 004 Model: PRB

Master Calibration					Performed Fri Nov 04 15:19:59 2022				
	Background		Magnesium		Aluminum		Aluminum+Fe		
Window 1	1153.2		7232.1		2536.8		2279.5		
Window 2	1055.6		6225.5		2222.3		2030.5		
Window 3	902.5		3849.3		1546.4		1462.0		
Window 4	254.4		258.2		253.1		253.9		
Long Space	0.0		5169.9		1166.7		974.9		
Short Space	4.7		1383.0		950.5		792.1		
Rho			1.7100		2.5900		0.0000		
Pe			2.0000		2.7500		5.7900		
Rib Angle	: 45.9		Rib Slope	: 1.031		Density/Spine Ratio	: 0.573		
Spine Angle	: 75.9		Spine Slope	: 3.970		Spine Intercept	: -20.2		

Before Survey Verification					Performed Wed Dec 31 18:00:00 1969				
Window 1	0.0	0.0		0.0	0.0	0.0		cps	
Window 2	0.0	0.0		0.0	0.0	0.0		cps	
Window 3	0.0	0.0		0.0	0.0	0.0		cps	
Window 4	0.0	0.0		0.0	0.0	0.0		cps	
Long Space	0.0	0.0		0.0	0.0	0.0		cps	
Short Space	0.0	0.0		0.0	0.0	0.0		cps	
Measured Rho			0.0000		0.0000	0.0000		g/cc	
Measured Correction			0.0000		0.0000	0.0000		g/cc	
Measured Pe					0.0000	0.0000			

After Survey Verification					Performed Wed Dec 31 18:00:00 1969				
Window 1	0.0	0.0		0.0	0.0	0.0		cps	
Window 2	0.0	0.0		0.0	0.0	0.0		cps	
Window 3	0.0	0.0		0.0	0.0	0.0		cps	
Window 4	0.0	0.0		0.0	0.0	0.0		cps	
Long Space	0.0	0.0		0.0	0.0	0.0		cps	
Short Space	0.0	0.0		0.0	0.0	0.0		cps	
Measured Rho			0.0000		0.0000	0.0000		g/cc	
Measured Correction			0.0000		0.0000	0.0000		g/cc	
Measured Pe					0.0000	0.0000			

Compensated Neutron Calibration Report						
Serial Number:			6I			
Tool Model:			G			
CALIBRATION						
Detector		Readings		Target		Normalization
Short Space		1.00	cps	1.00	cps	1.0000
Long Space		1.00	cps	1.00	cps	1.0000
PRE-SURVEY VERIFICATION						
Detector		Readings		Measured		Target
1)	Short Space	cps				
	Long Space	cps		pu		pu
2)	Short Space	cps				
	Long Space	cps		pu		
3)	Short Space	cps				
	Long Space	cps		pu		
POST-SURVEY VERIFICATION						
Detector		Readings		Measured		Target
1)	Short Space	cps				
	Long Space	cps		pu		pu
2)	Short Space	cps				
	Long Space	cps		pu		pu
3)	Short Space	cps				
	Long Space	cps		pu		pu
Gamma Ray Calibration Report						
Serial Number:		GR6				
Tool Model:		OPEN				
Performed:		Tue Nov 08 13:43:57 2022				
Calibrator Value:		150.0		GAPI		
Background Reading:		0.0		cps		
Calibrator Reading:		276.0		cps		
Sensitivity:		0.8500		GAPI/cps		