



DUAL INDUCTION LOG

Company	VINCENT OIL CORPORATION	Company	VINCENT OIL CORPORATION
Well	KEOUGH #17-34	Well	KEOUGH #17-34
Field	MULBERRY CREEK	Field	MULBERRY CREEK
County	FORD	County	FORD
State	KANSAS	State	KANSAS
Location:	API # : 15-057-21069-0000 926' FNL & 2180' FWL NW - SE - NE - NW	Other Services CDL/CNL/PE MEL/SONIC	
Permanent Datum	SEC 34 TWP 28S RGE 23W	Elevation	
Log Measured From	GROUND LEVEL Elevation 2519 KELLY BUSHING 12' A.G.L.	K.B. 2531 D.F. 2529 G.L. 2519	
Drilling Measured From	KELLY BUSHING		
Date	6/3/22		
Run Number	ONE		
Depth Driller	5288		
Depth Logger	5290		
Bottom Logged Interval	5288		
Top Log Interval	00		
Casing Driller	8 5/8"@654'		
Casing Logger	654		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES: 11,800 PPM	
Density / Viscosity	9.3/67		
pH / Fluid Loss	11.0/12.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.400@72F		
Rmf @ Meas. Temp	.300@72F		
Rmc @ Meas. Temp	.480@72F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	.225@128F		
Time Circulation Stopped	3 HOURS		
Time Logger on Bottom	2:00 A.M.		
Maximum Recorded Temperature	128F		
Equipment Number	8916		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	KEN LeBLANC		

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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

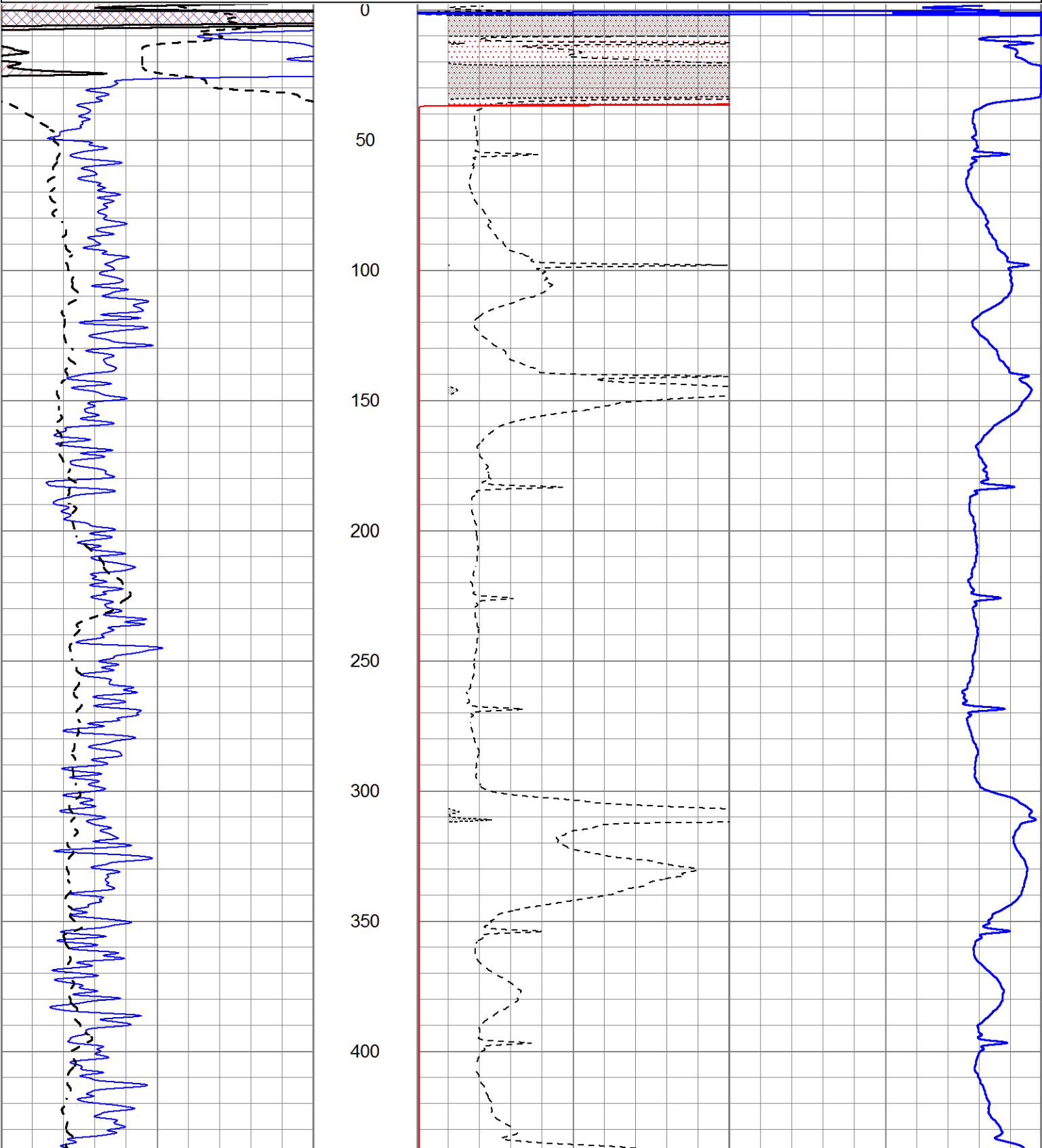
THANK YOU FOR USING ELI WIRELINE, HAYS, KS. (785) 628-6395
DIRECTIONS:
KINGSDOWN, KS. (HWY 54 & RD. 125) 2N. ON "RD. 125" TO "WILBURN RD.", 3 1/2 E., N. INTO

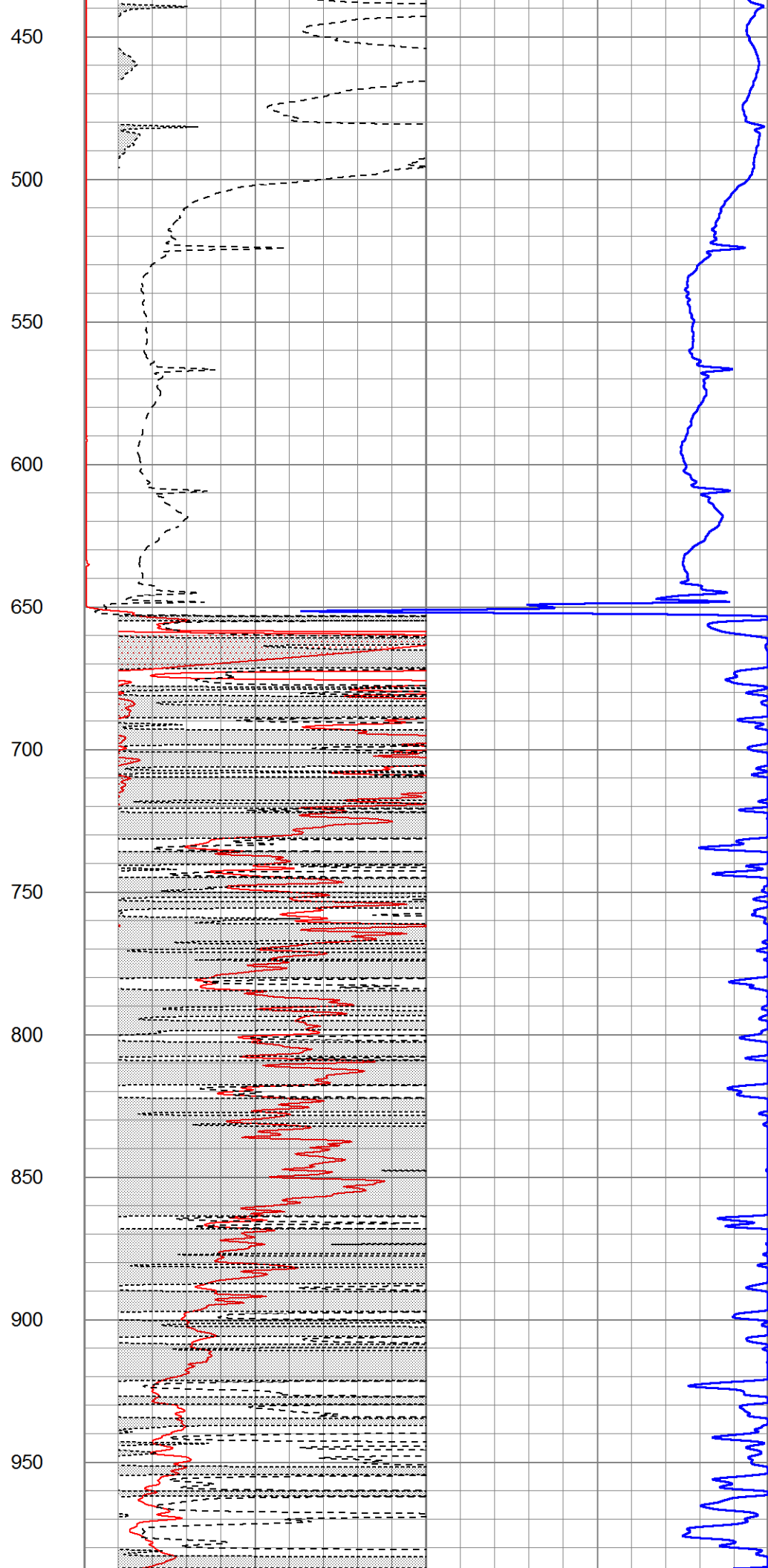
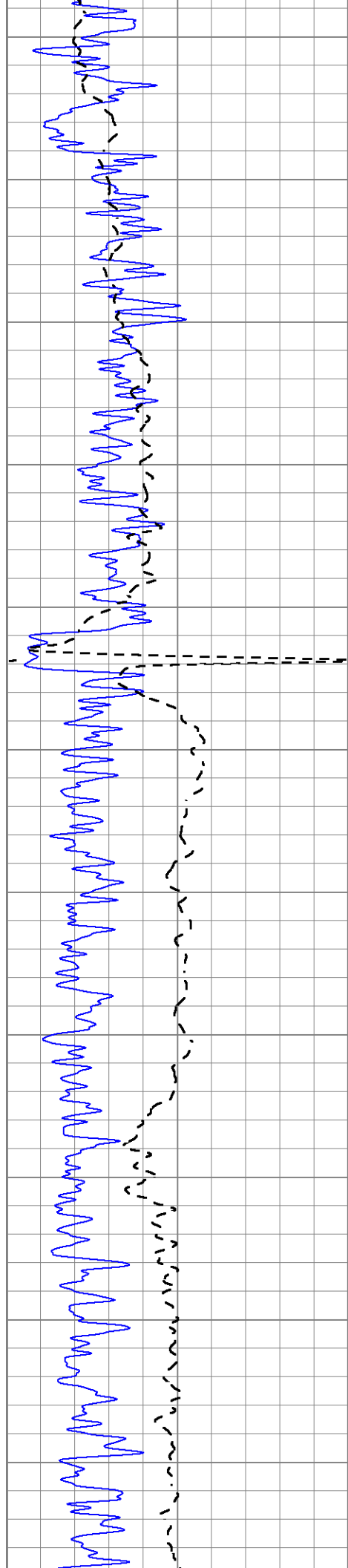


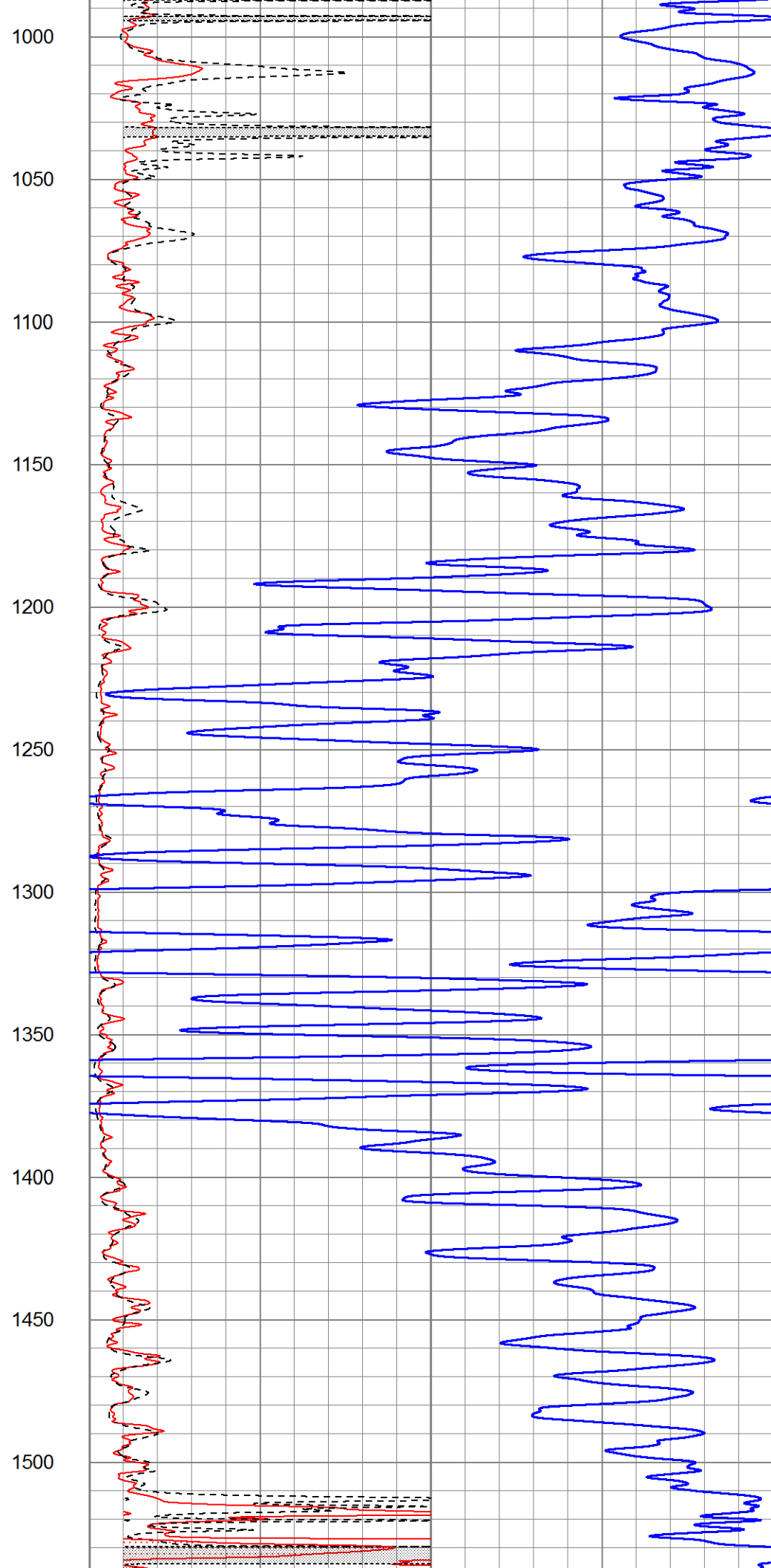
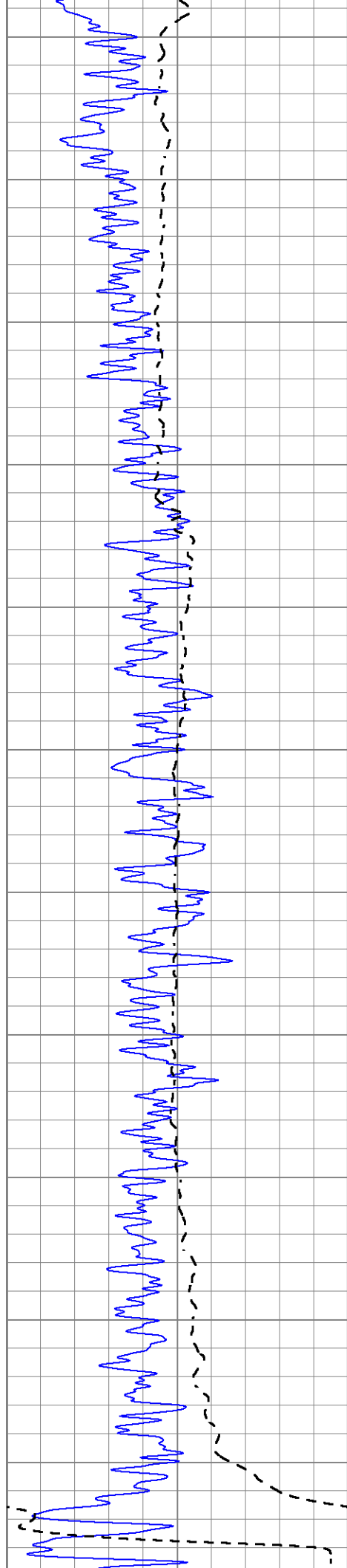
MAIN SECTION

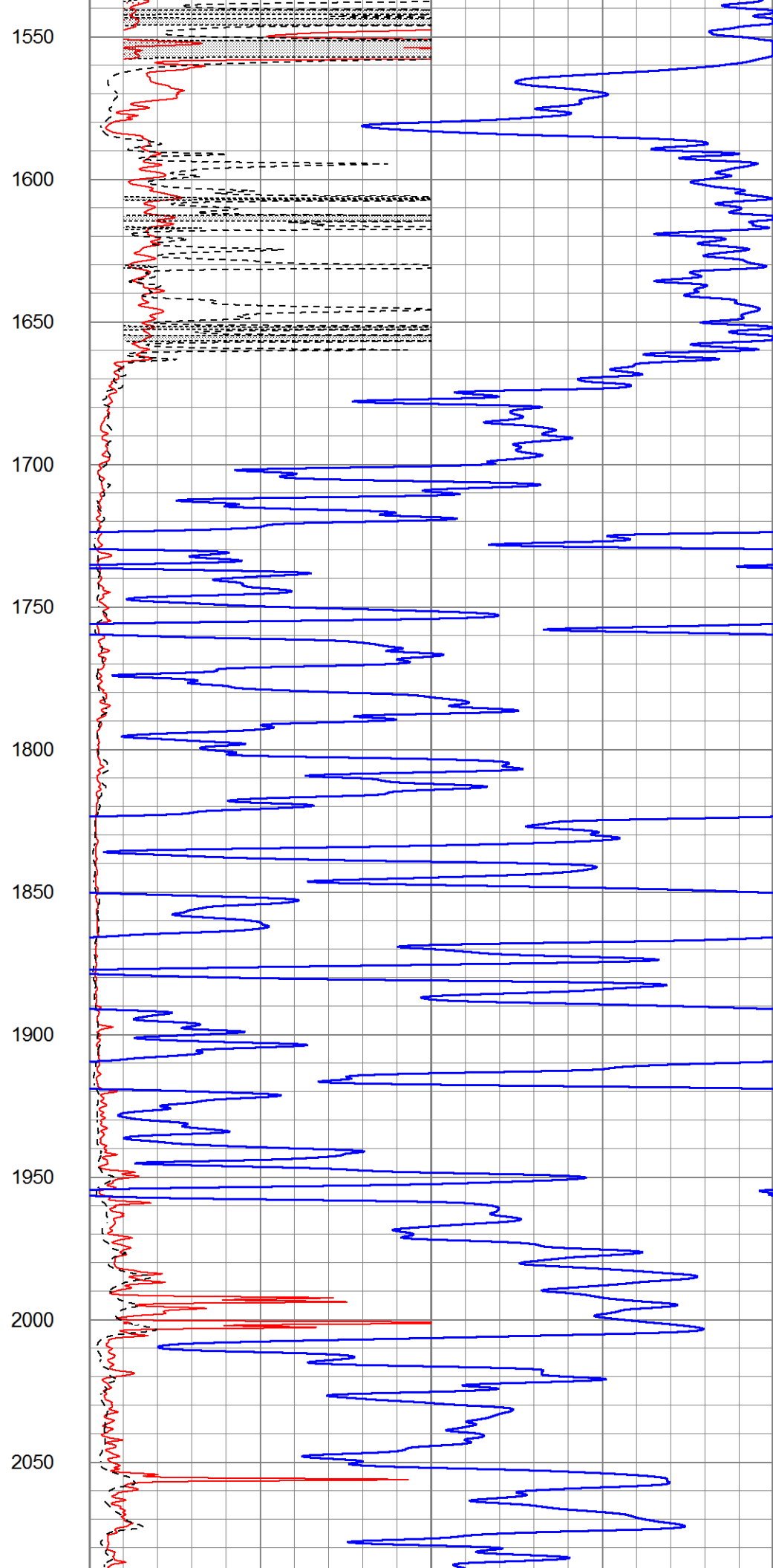
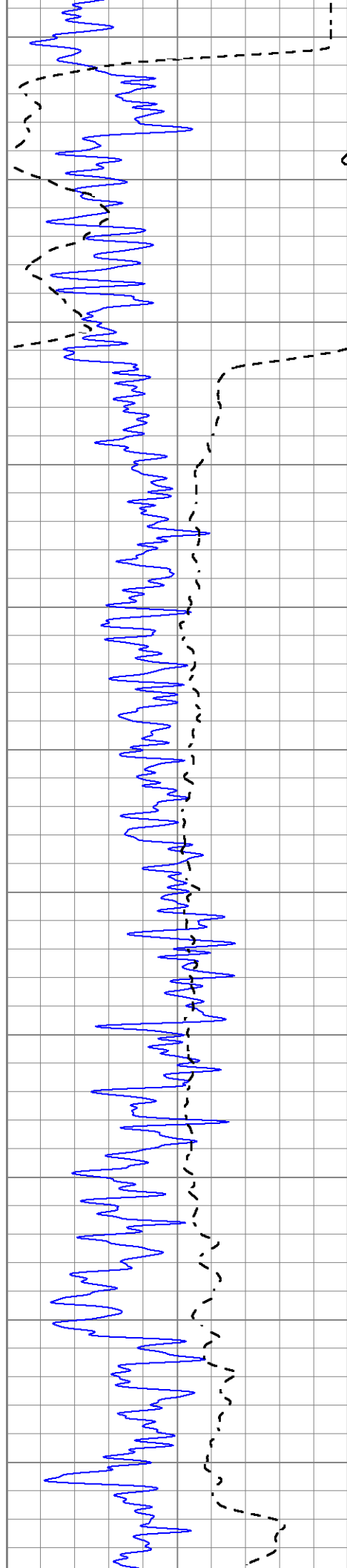
Database File	6560pe.db
Dataset Pathname	pass3.1M
Presentation Format	_dil2
Dataset Creation	Fri Jun 03 04:17:42 2022
Charted by	Depth in Feet scaled 1:600

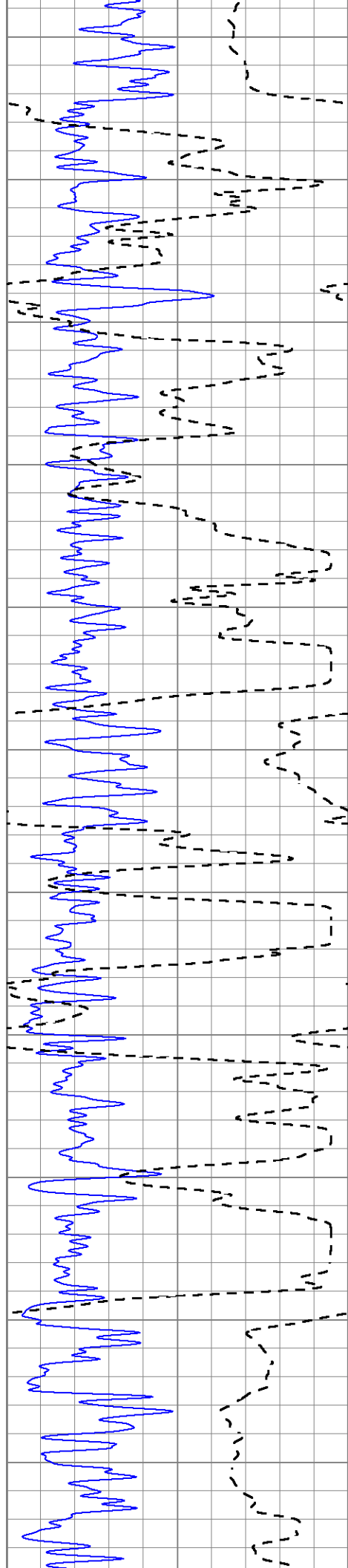
0	Gamma Ray (GAPI)	150	1000	CILD (mmho/m)	0
-100	SP (mV)	100	0	RLL3 (Ohm-m)	50
-----			0	RILD (Ohm-m)	50
			50	RILD X10 (Ohm-m)	500
			50	RLL3 X10 (Ohm-m)	500











2100

2150

2200

2250

2300

2350

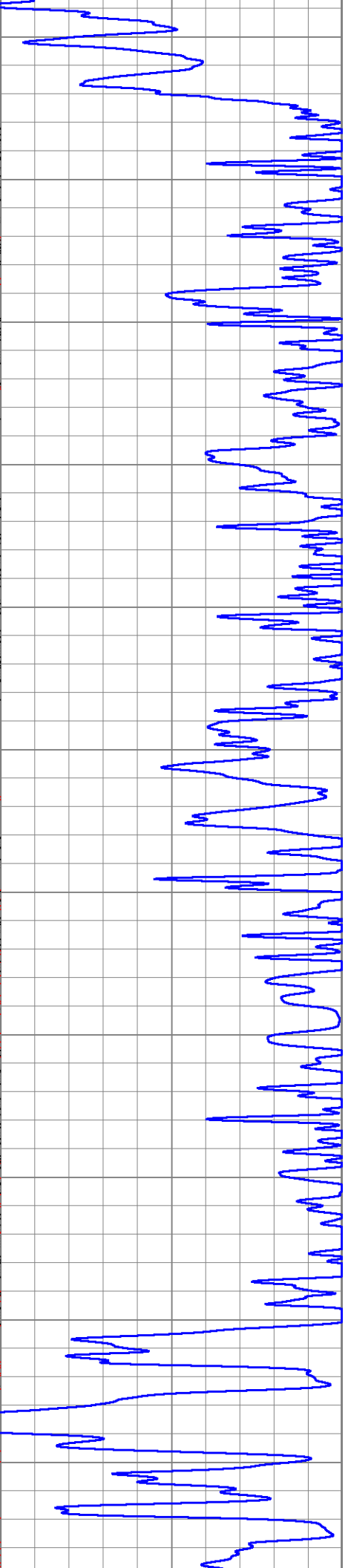
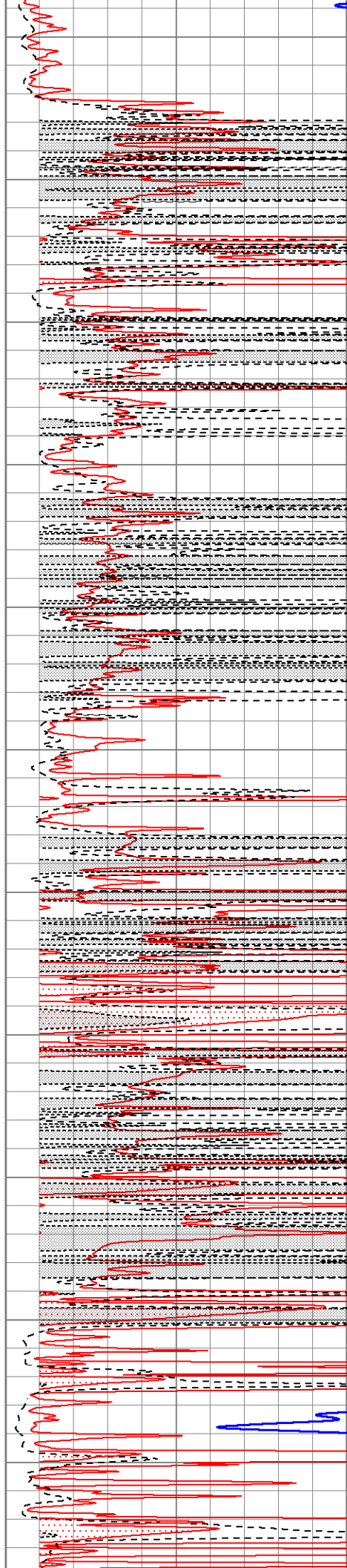
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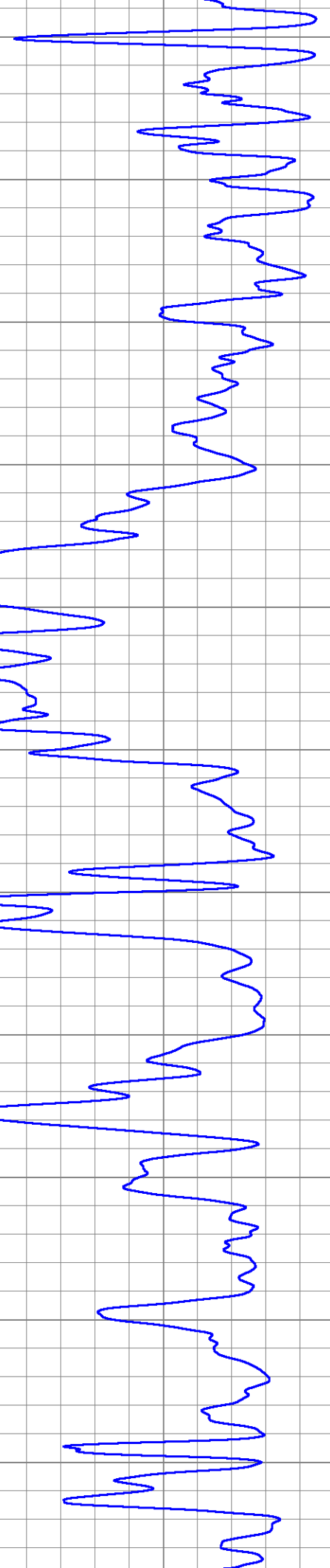
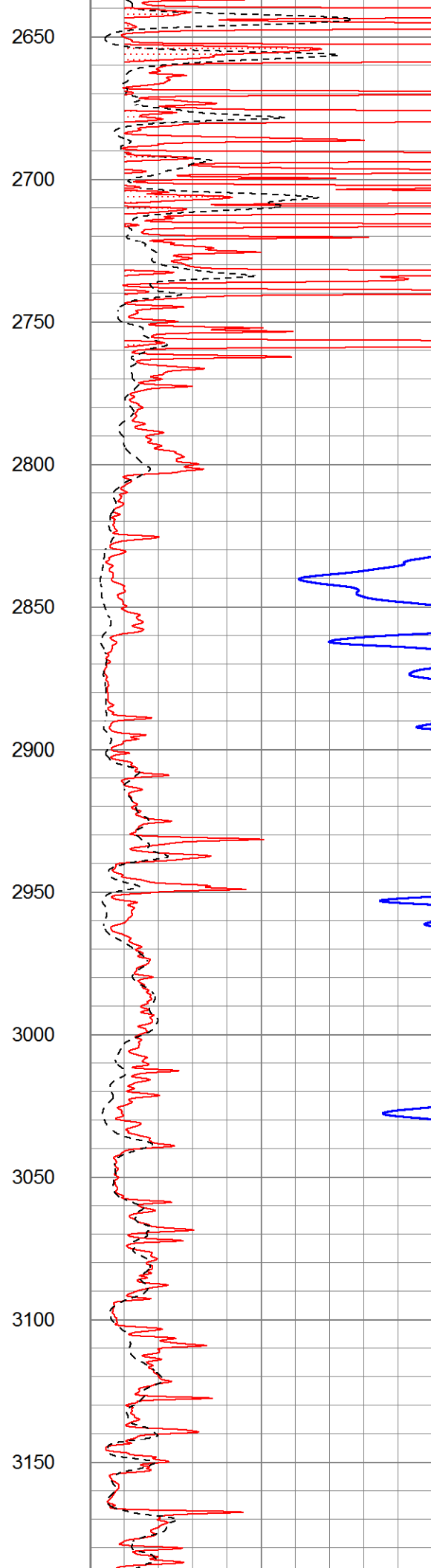
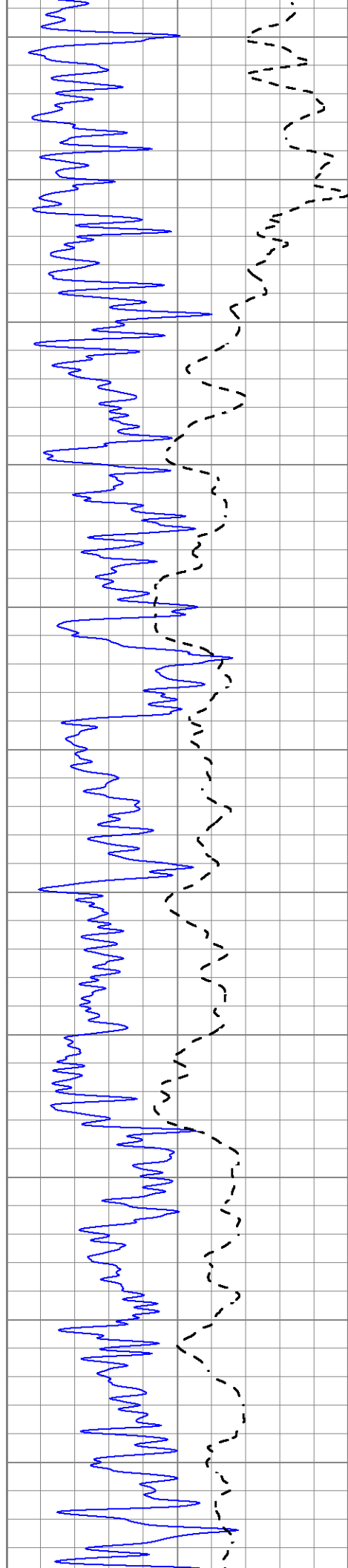
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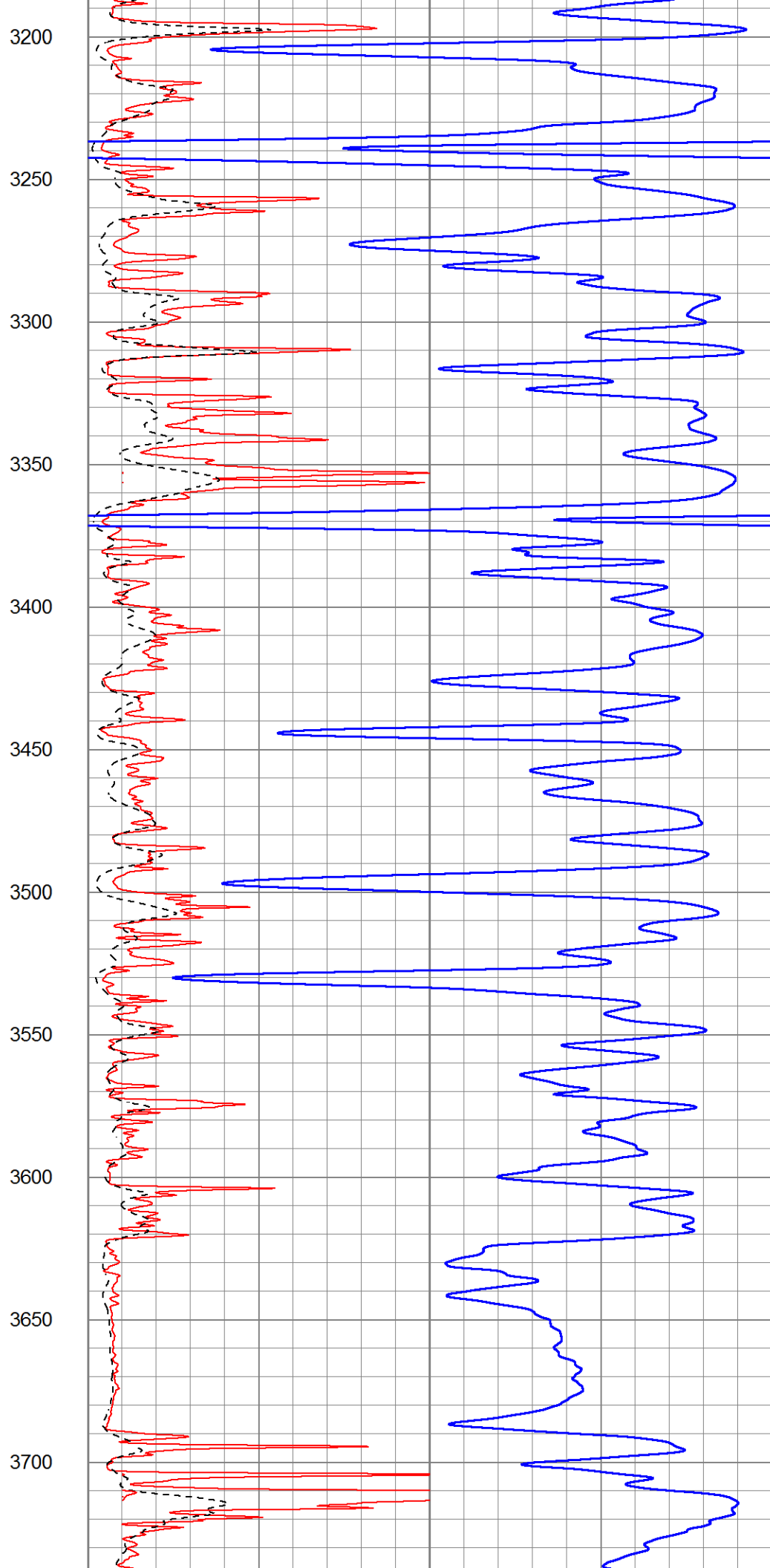
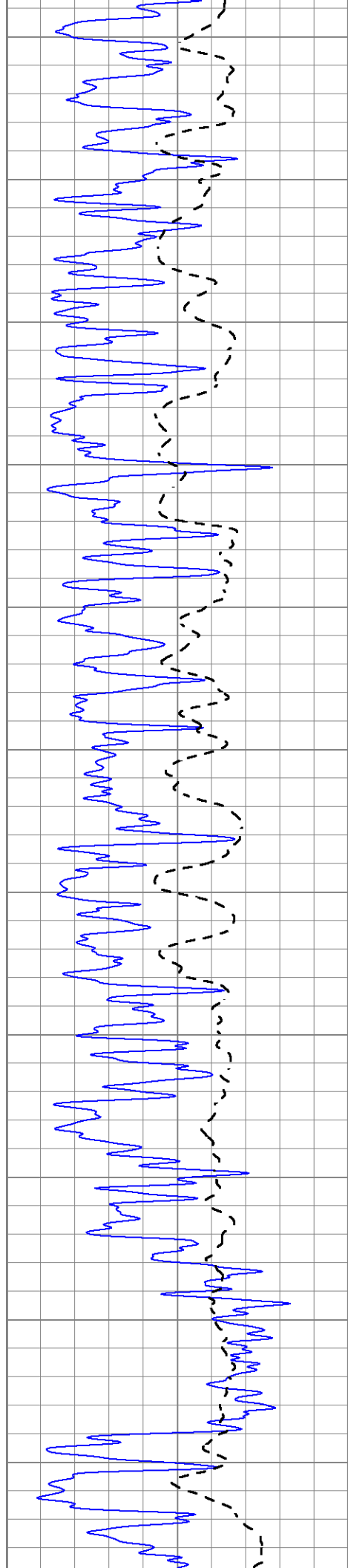
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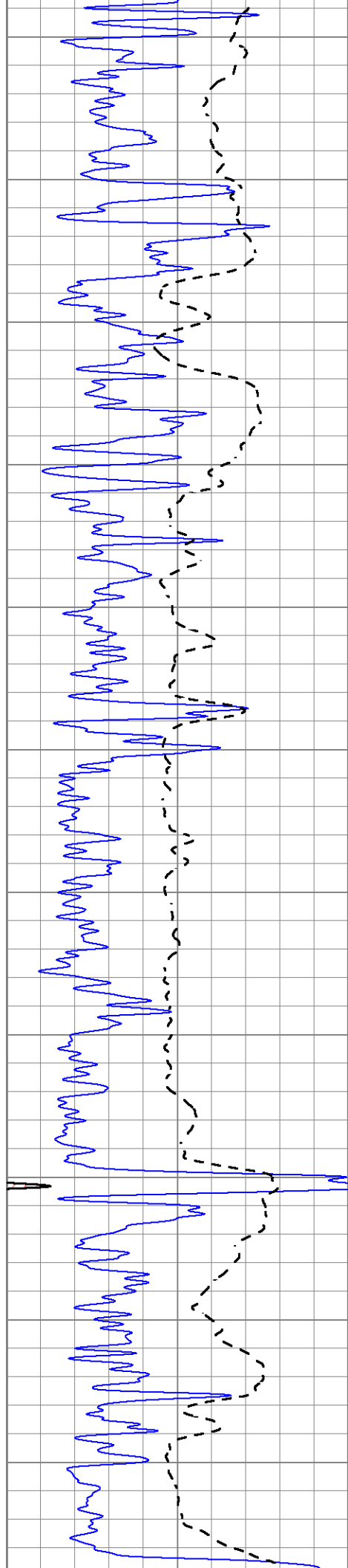
2550

2600









3750

3800

3850

3900

3950

4000

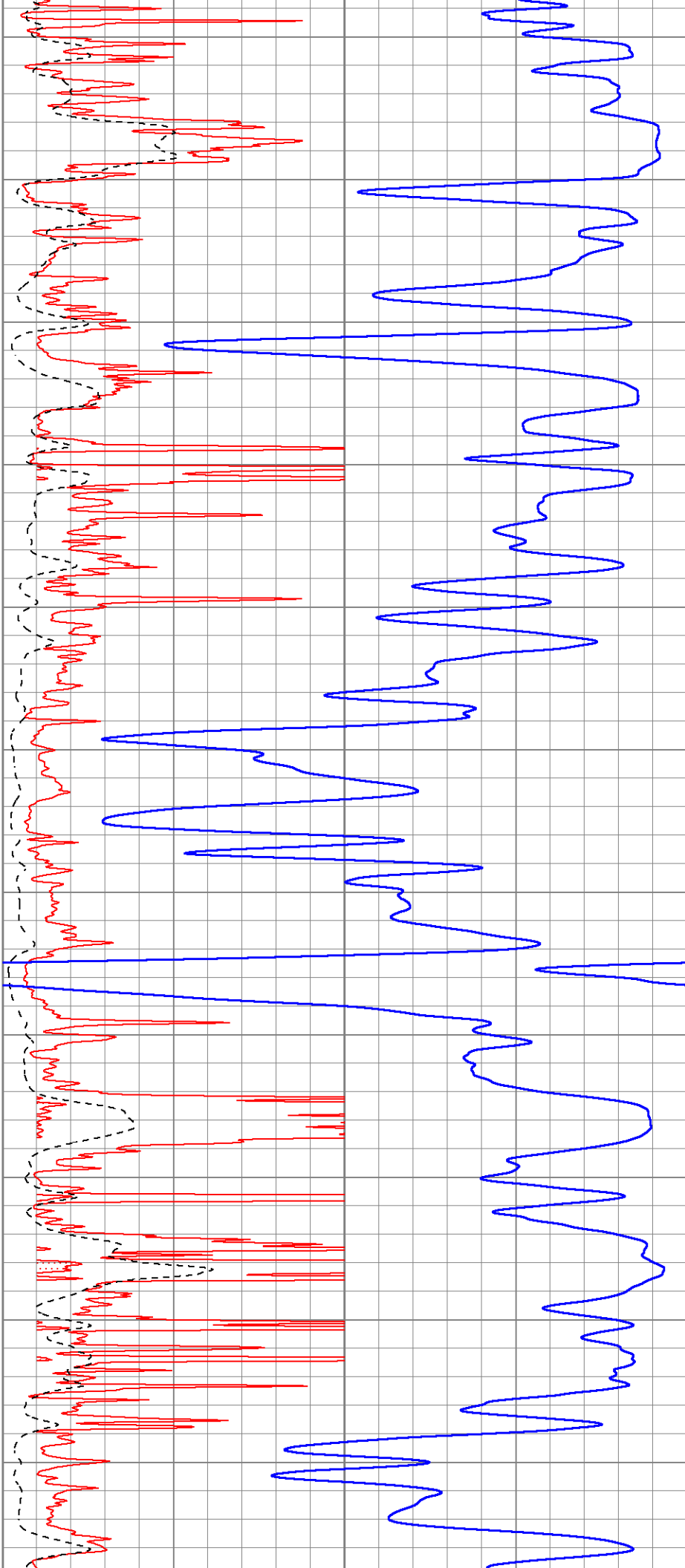
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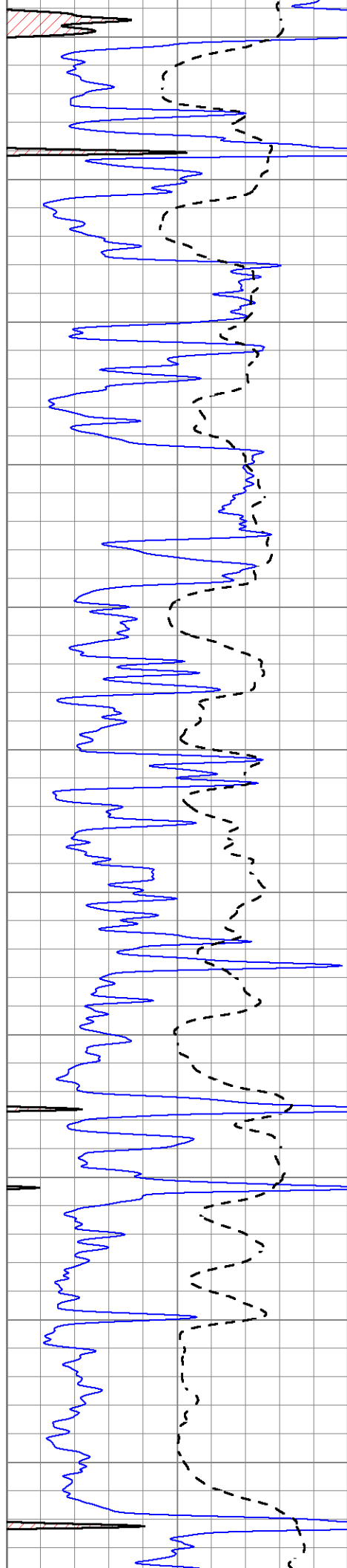
4100

4150

4200

4250





4300

4350

4400

4450

4500

4550

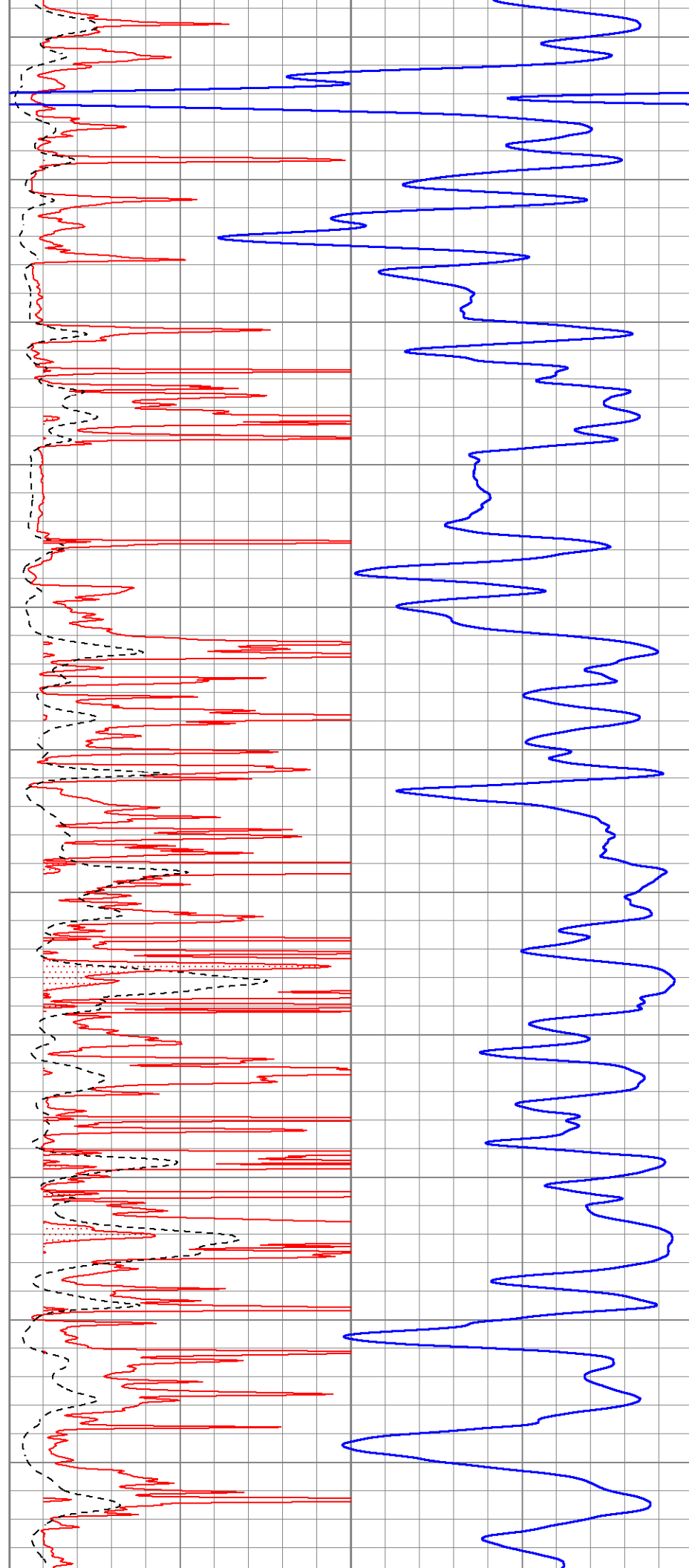
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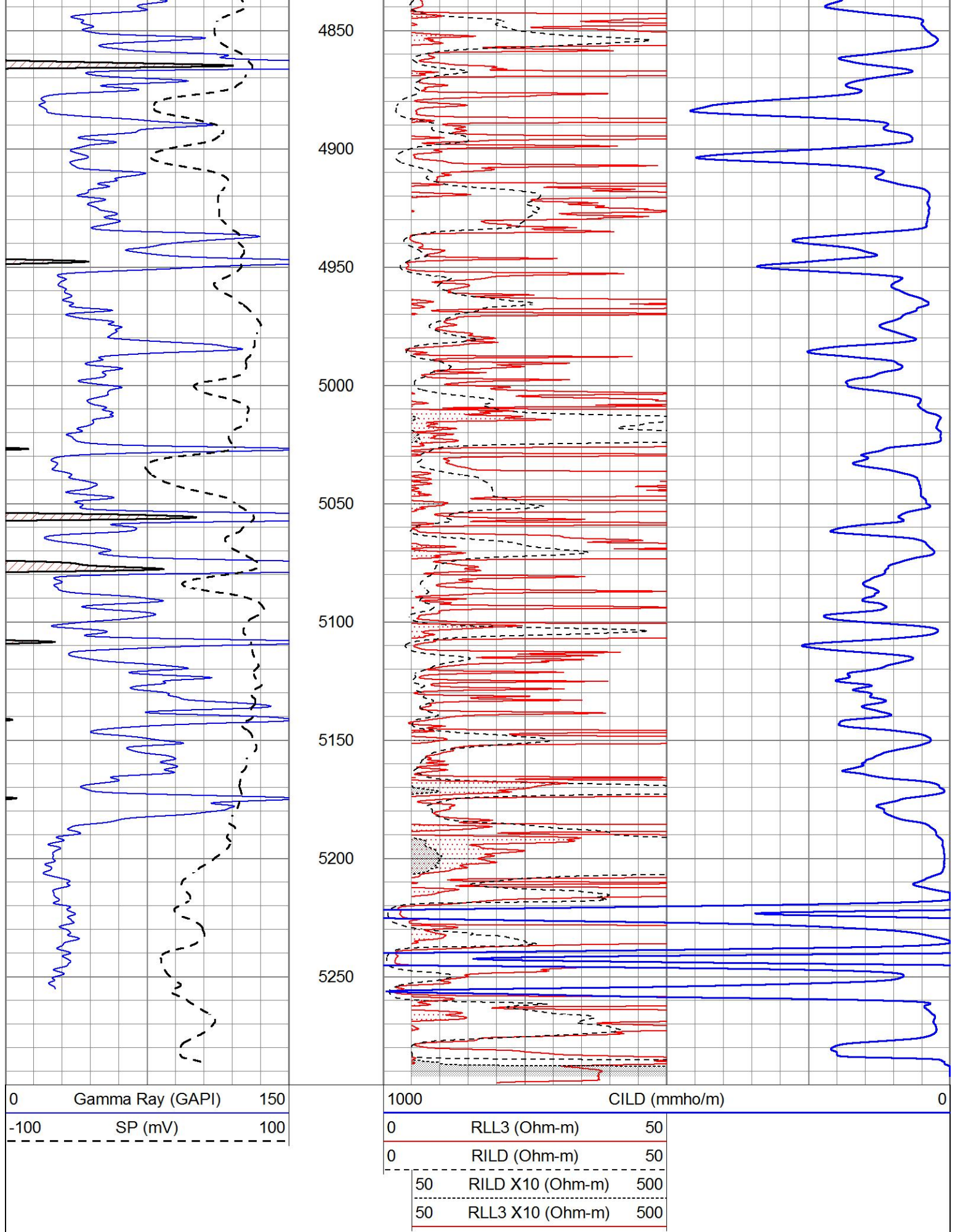
4650

4700

4750

4800





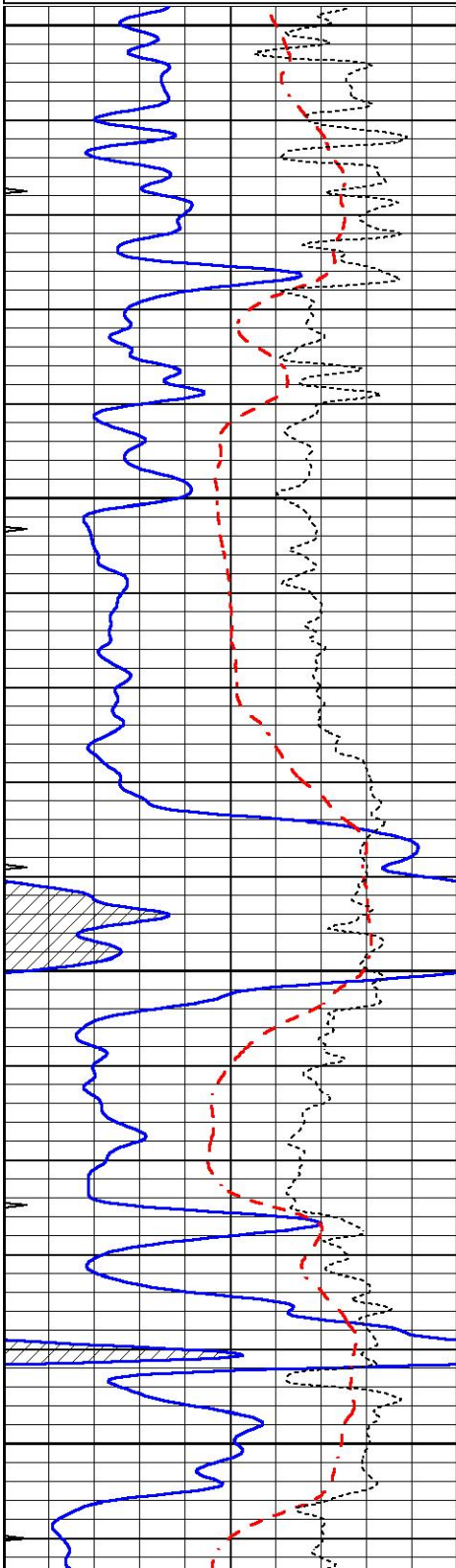


MAIN SECTION

Database File 6560pe.db
Dataset Pathname pass3.1M
Presentation Format dil
Dataset Creation Fri Jun 03 04:17:42 2022
Charted by Depth 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

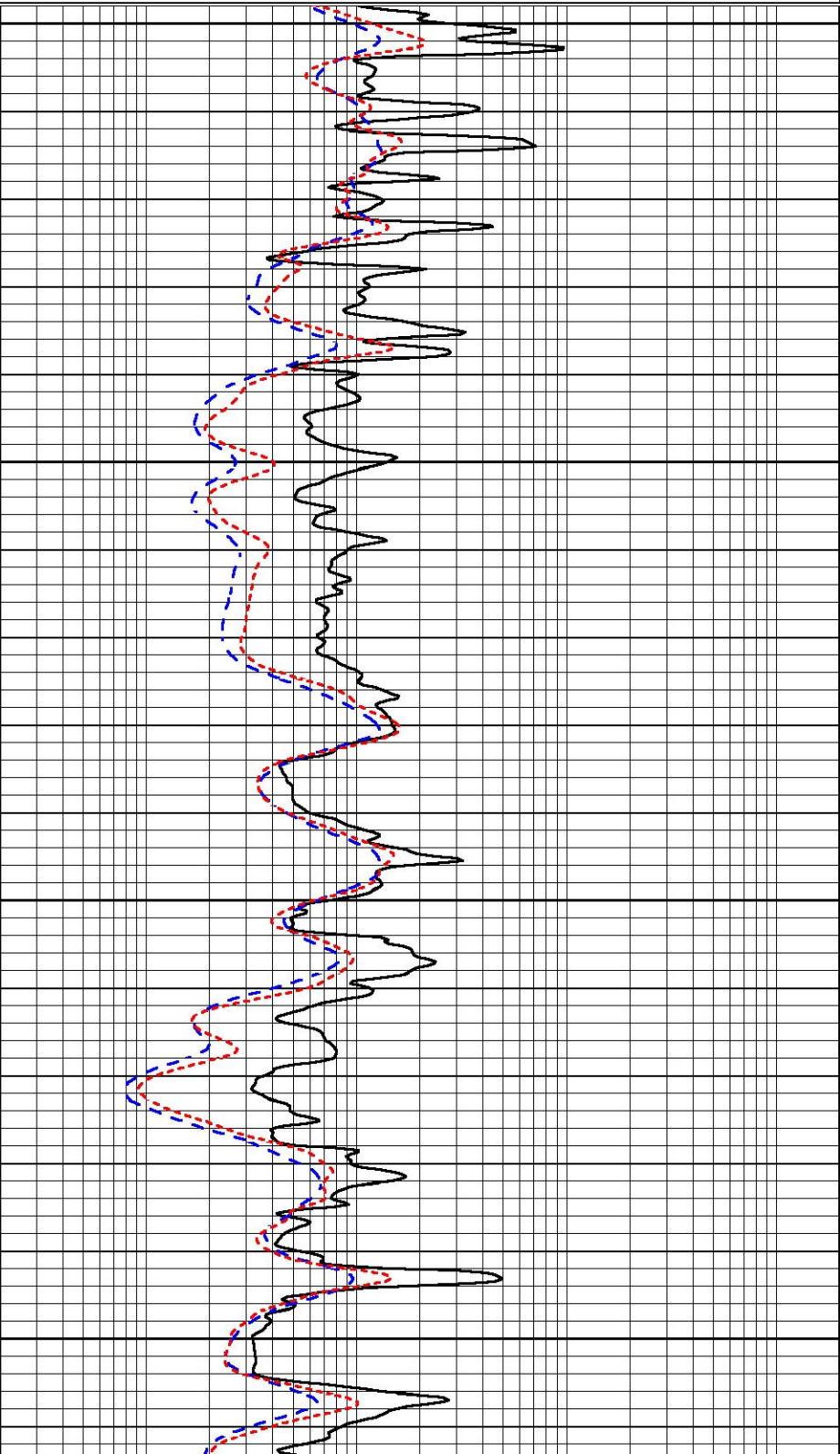


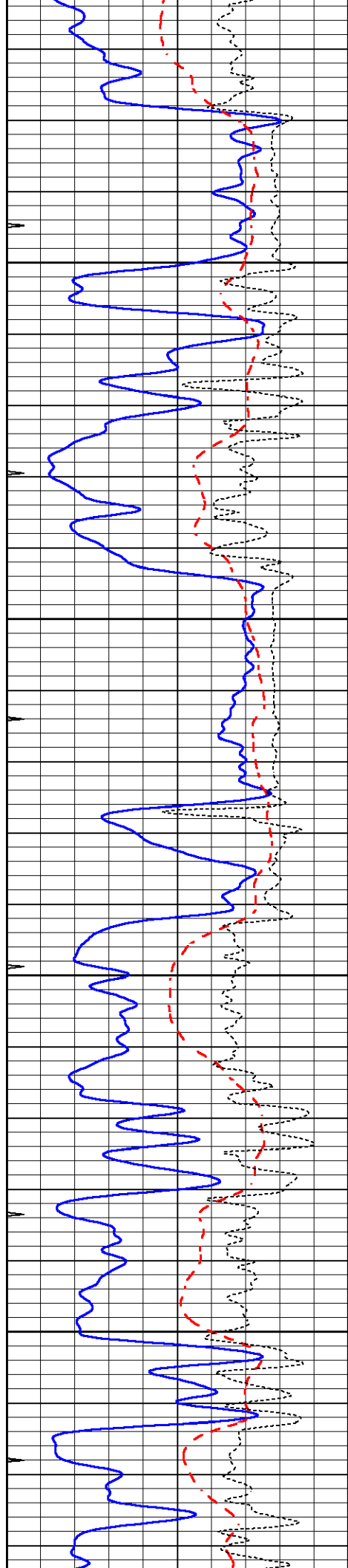
4200

4250

4300

4350



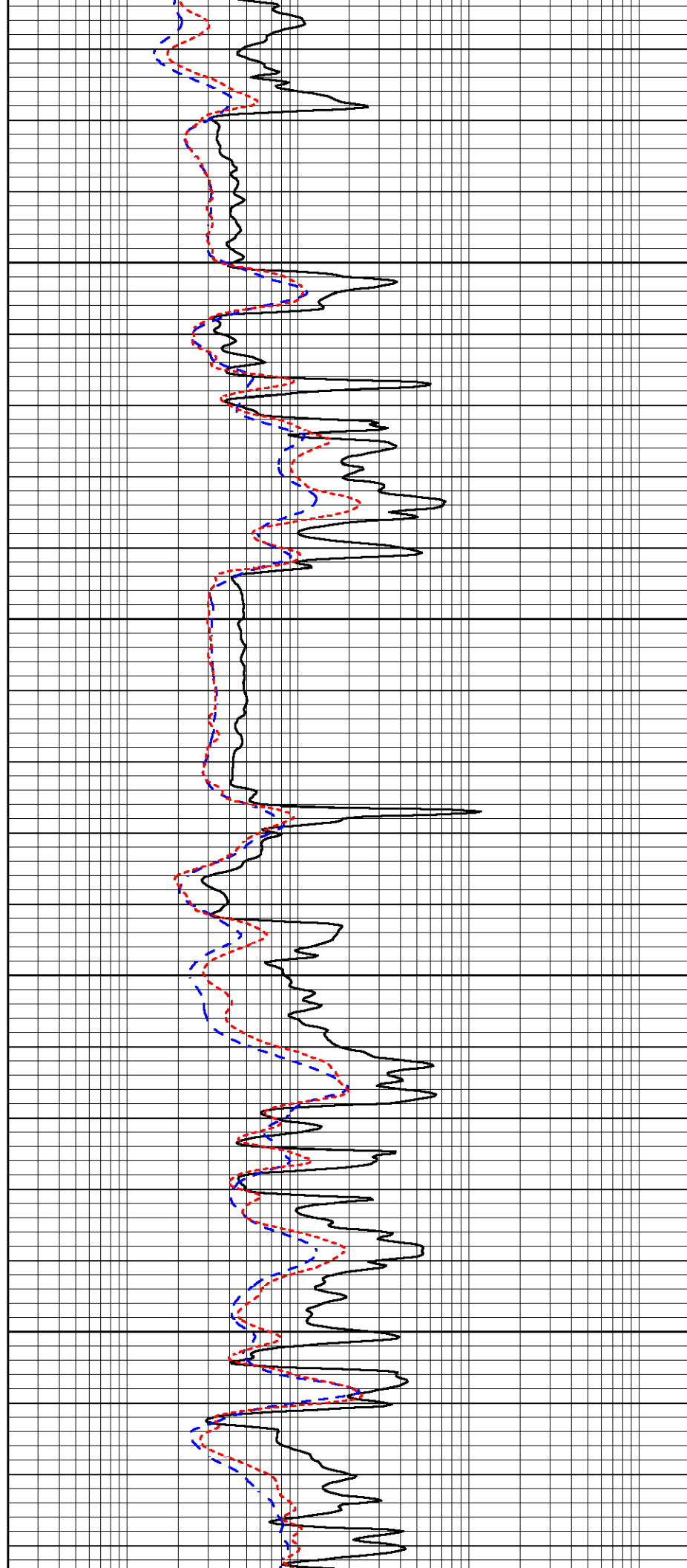


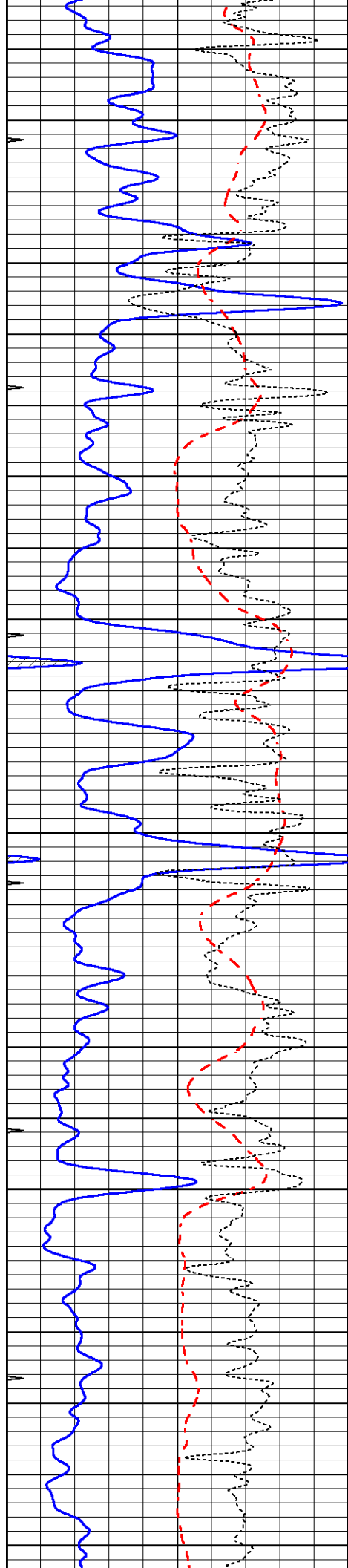
4400

4450

5000

5500





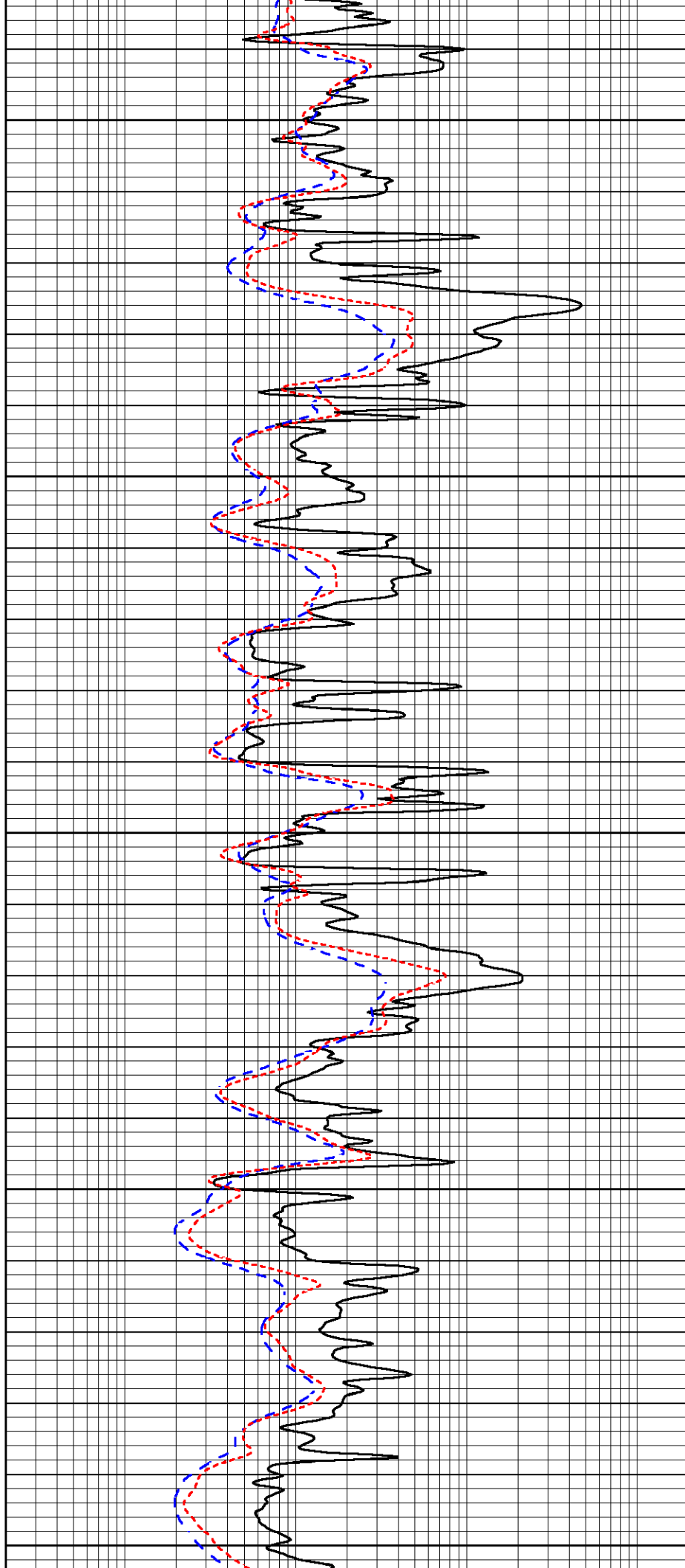
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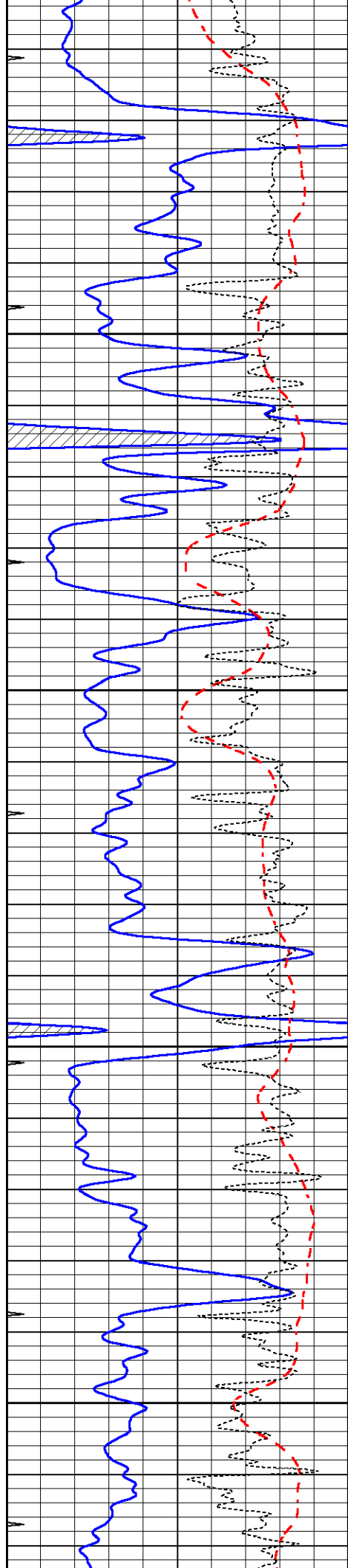
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4700

4750

4800



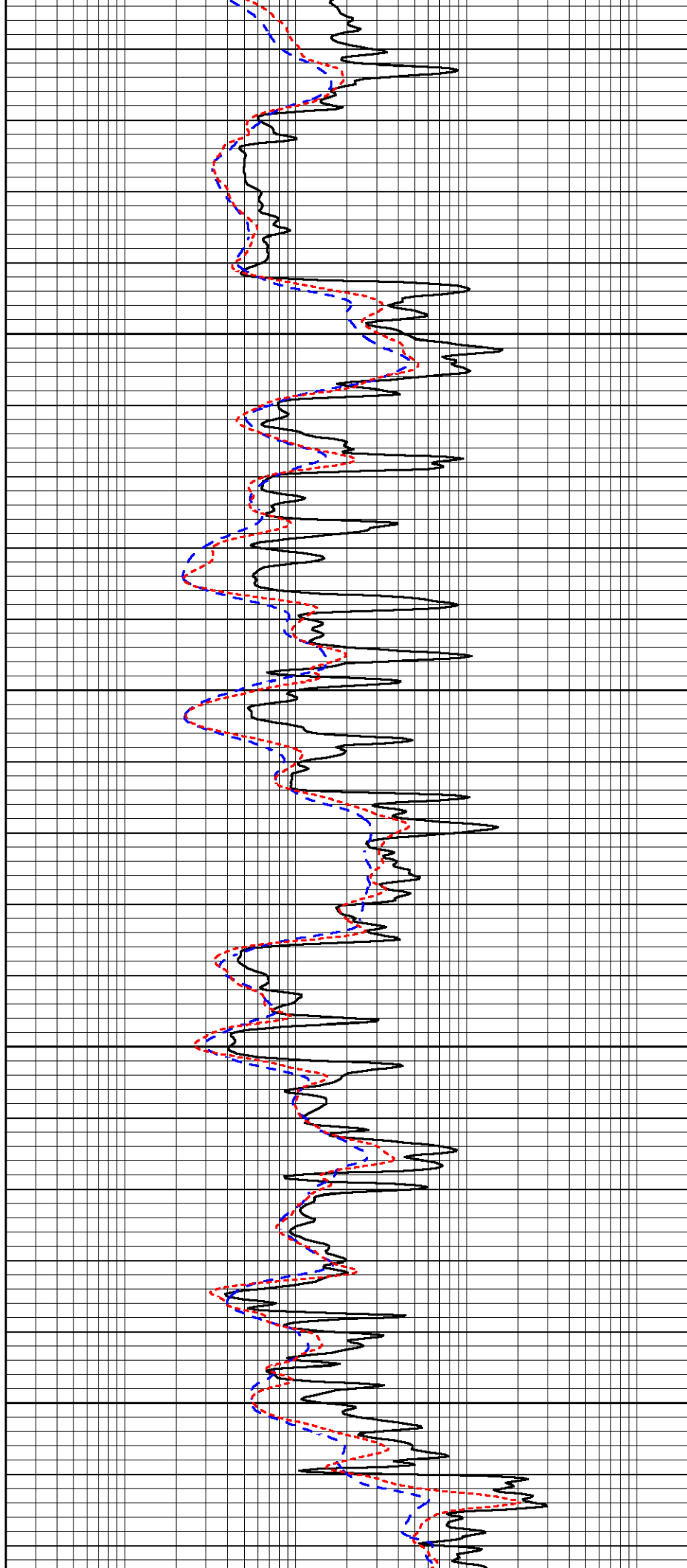


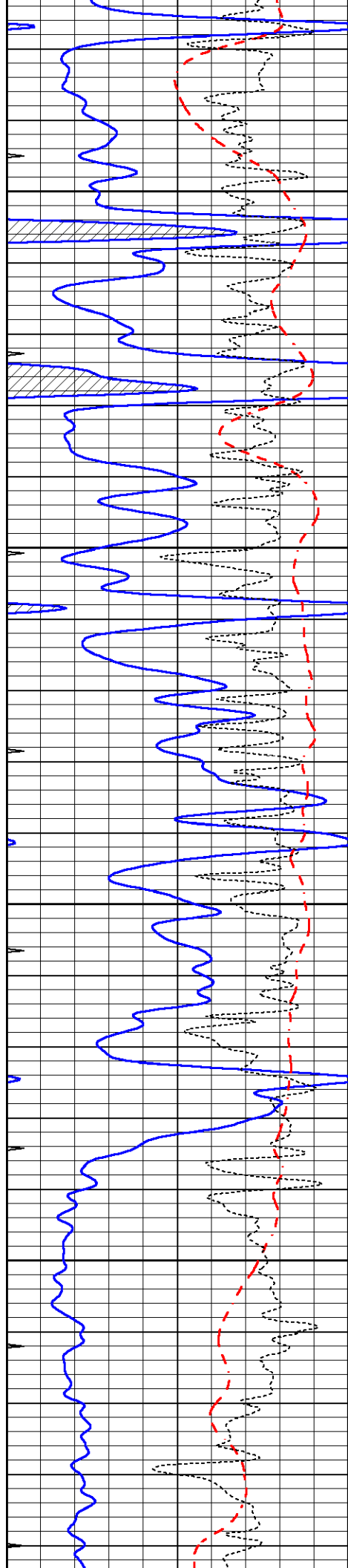
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4900

4950

5000



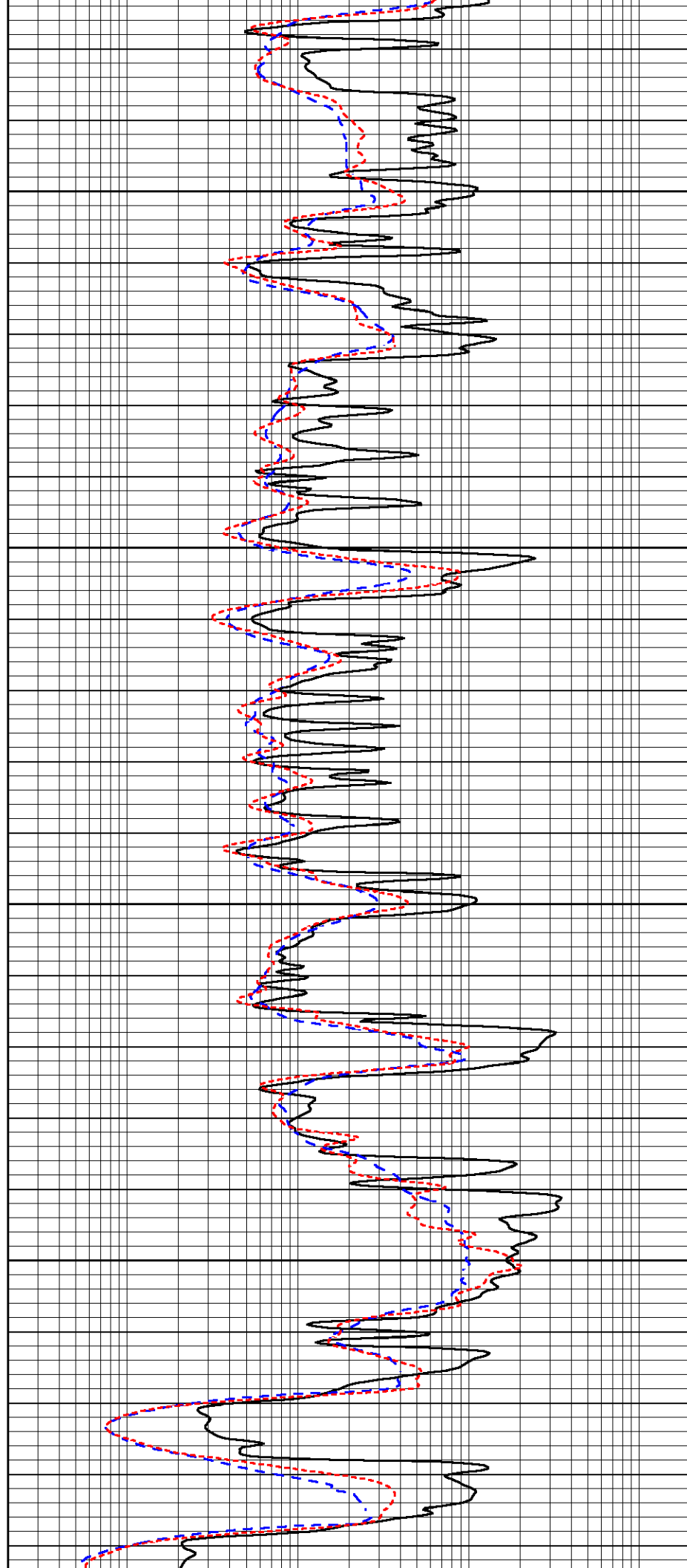


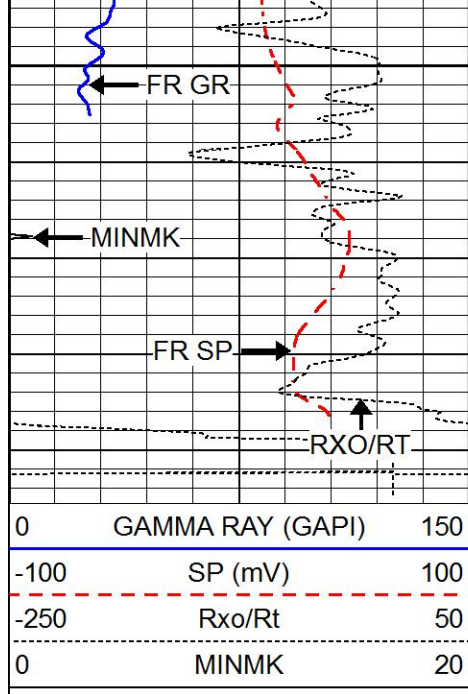
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5100

5150

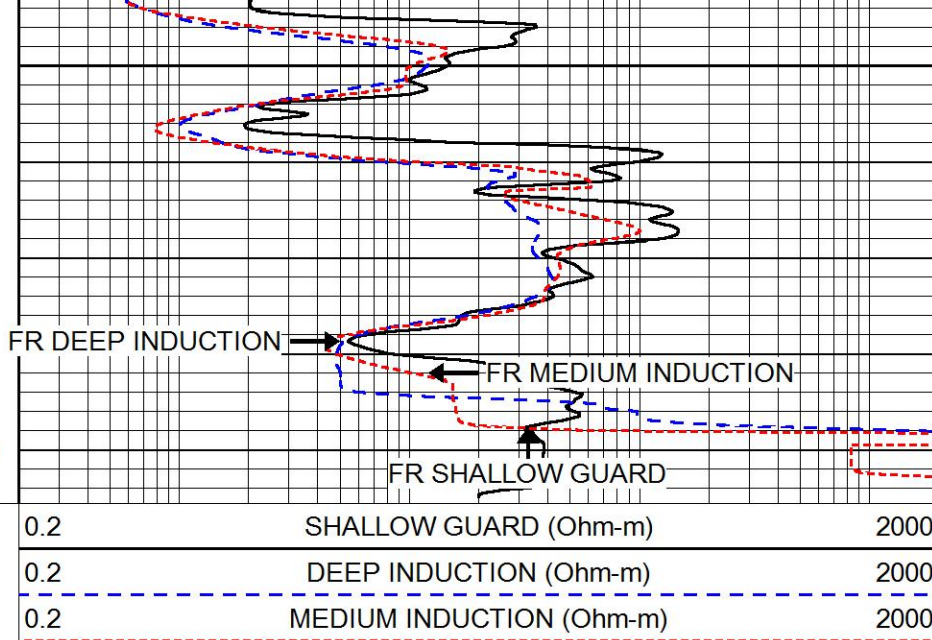
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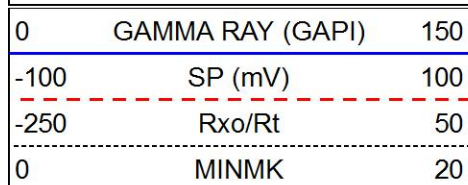
5250

LTD 5290



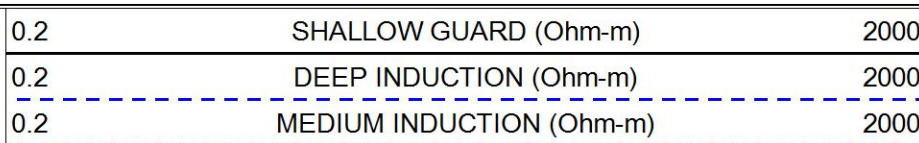
REPEAT SECTION

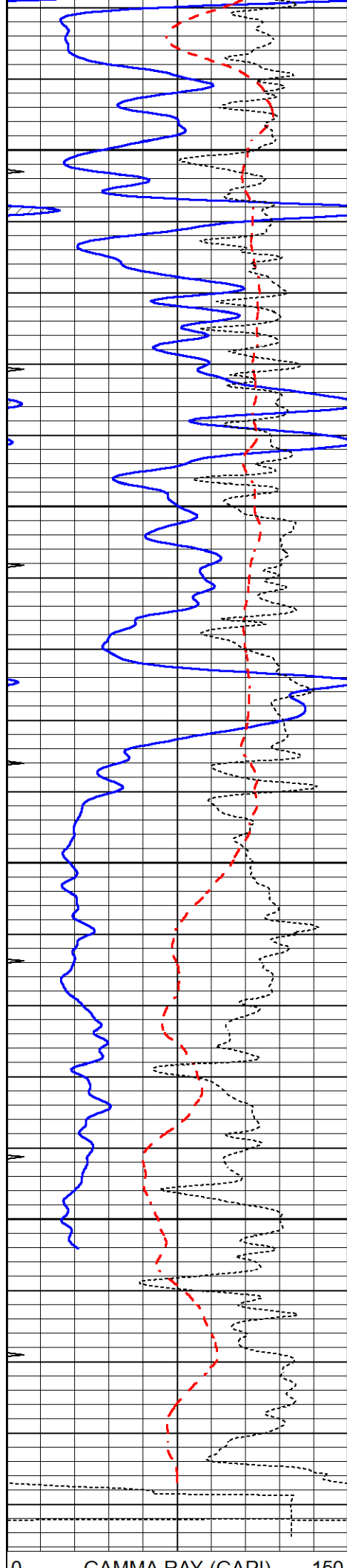
Database File 6560pe.db
 Dataset Pathname pass2.1R
 Presentation Format _dil
 Dataset Creation Fri Jun 03 02:47:53 2022
 Charted by Depth in Feet scaled 1:240



5000

5050



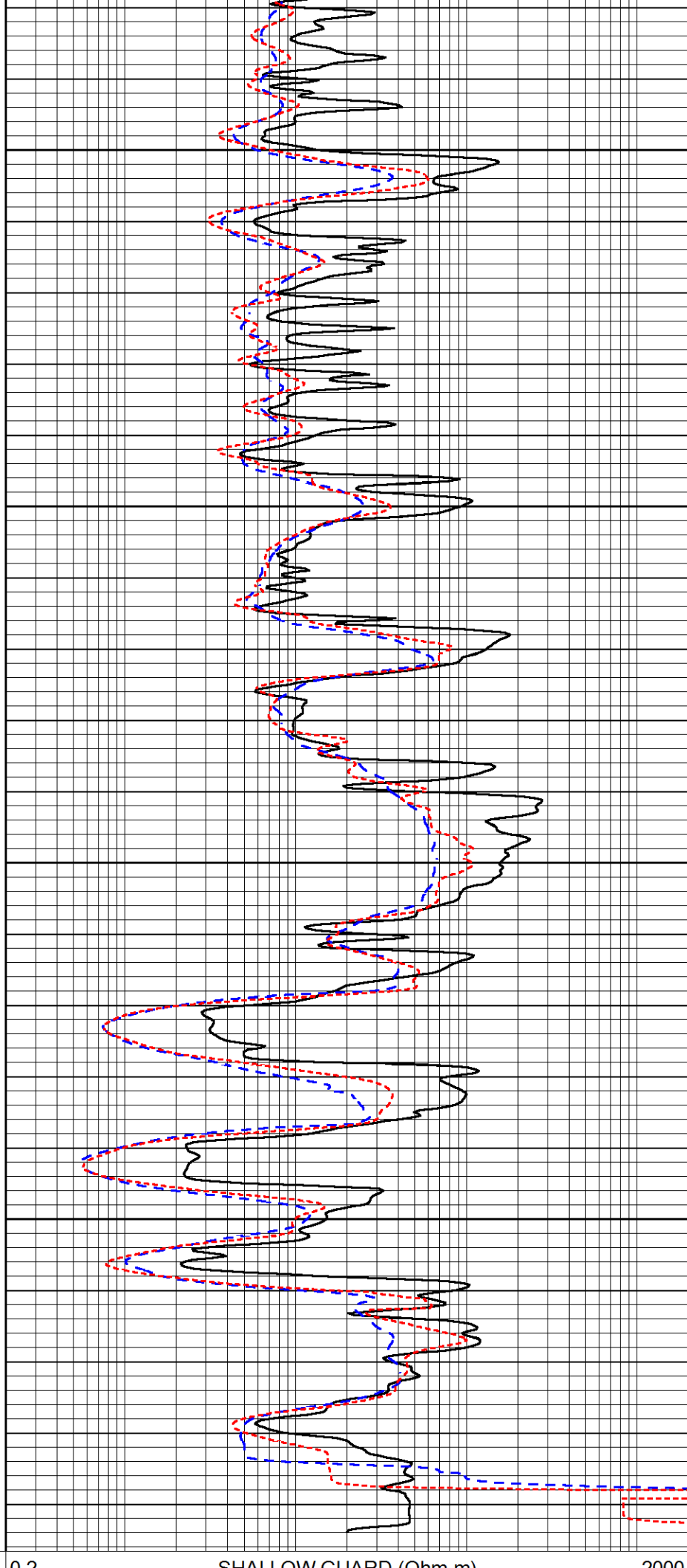


5100

5150

5200

5250



2000

GAMMA RAY (GAPI)			150	0.2			SHALLOW GUARD (Ohm-m)			2000
-100	SP (mV)		100	0.2			DEEP INDUCTION (Ohm-m)			2000
-250	Rxo/Rt		50	0.2			MEDIUM INDUCTION (Ohm-m)			2000
0	MINMK		20							

Calibration Report									
Database File	6560pe.db								
Dataset Pathname	pass3.1M								
Dataset Creation	Fri Jun 03 04:17:42 2022								
Dual Induction Calibration Report									
Serial-Model:					PROBE8-DILG				
Surface Cal Performed:					Fri Jun 03 03:07:43 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	600.000	-2.000	
Medium	0.029	0.796	V	0.000	464.000	mmho/m	590.000	-16.000	
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 Mon May 23 11:44:16 2022									
	Background	Magnesium		Aluminum		Aluminum+Fe			
Window 1	1148.7	7216.0		2498.2		2291.5			cps
Window 2	1052.1	6193.6		2181.7		2034.2			cps
Window 3	896.0	3827.3		1530.0		1472.6			cps
Window 4	252.1	258.7		255.1		254.3			cps
Long Space	0.0	5141.5		1129.6		982.1			cps
Short Space	3.4	1390.2		903.9		792.3			cps
Rho		1.7100		2.5900		0.0000			d/cc

Rho	1.7100	2.0000	2.7500	5.7900	g/cc
Pe					

Rib Angle	: 44.1	Rib Slope	: 0.970	Density/Spine Ratio	: 0.559
Spine Angle	: 74.1	Spine Slope	: 3.520	Spine Intercept	: -16.9

Before Survey Verification			Performed Wed Dec 31 18:00:00 1969		
Window 1	0.0	0.0	0.0	0.0	cps
Window 2	0.0	0.0	0.0	0.0	cps
Window 3	0.0	0.0	0.0	0.0	cps
Window 4	0.0	0.0	0.0	0.0	cps
Long Space	0.0	0.0	0.0	0.0	cps
Short Space	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	cps
Window 2	0.0	0.0	0.0	0.0	cps
Window 3	0.0	0.0	0.0	0.0	cps
Window 4	0.0	0.0	0.0	0.0	cps
Long Space	0.0	0.0	0.0	0.0	cps
Short Space	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	

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Compensated Neutron Calibration Report
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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:		Wed May 25 15:13:08 2022		
Calibrator Value:		150.0	GAPI	
Background Reading:		0.0	cps	
Calibrator Reading:		276.0	cps	
Sensitivity:		0.8000	GAPI/cps	