

DUAL INDUCTION LOG

Company	PHILLIPS EXPLORATION CO. L.C.	Company	PHILLIPS EXPLORATION COMPANY, L.C.
Well	WALT #1-16	Well	WALT #1-16
Field	WILDCAT	Field	WILDCAT
County	TREGO	County	TREGO
State	KANSAS	State	KANSAS
Location:	API # : 15-195-23179-0000	Other Services	CDL/CNL
Permanent Datum	GROUND LEVEL	Elevation	2451
Log Measured From	KELLY BUSHING 5' A.G.L.	K.B. 2456	
Drilling Measured From	KELLY BUSHING	D.F. 2454	
		G.L. 2451	
Date	8/21/24		
Run Number	ONE		
Depth Driller	4100		
Depth Logger	4098		
Bottom Logged Interval	4096		
Top Log Interval	00		
Casing Driller	8.625@225		
Casing Logger	225		
Bit Size	7.785		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 4.000 PPM	
Density / Viscosity	9.1/60		
pH / Fluid Loss	9.2/9.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.750@84F		
Rmf @ Meas. Temp	.563@84F		
Rmc @ Meas. Temp	.900@84F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.538@117F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	4.45 A.M.		
Maximum Recorded Temperature	117F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	PAT 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.

15-195-23179-0000

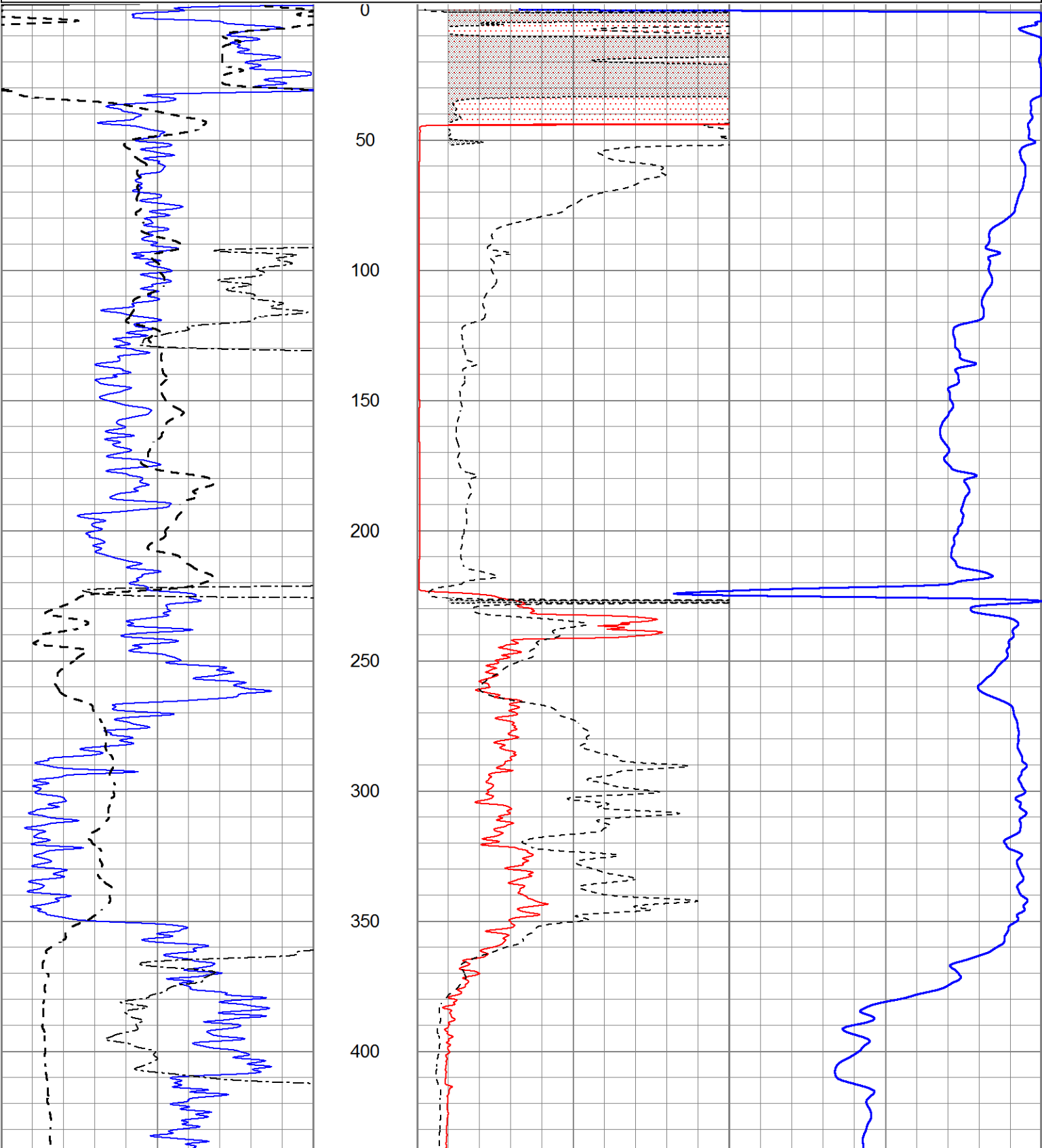
Comments

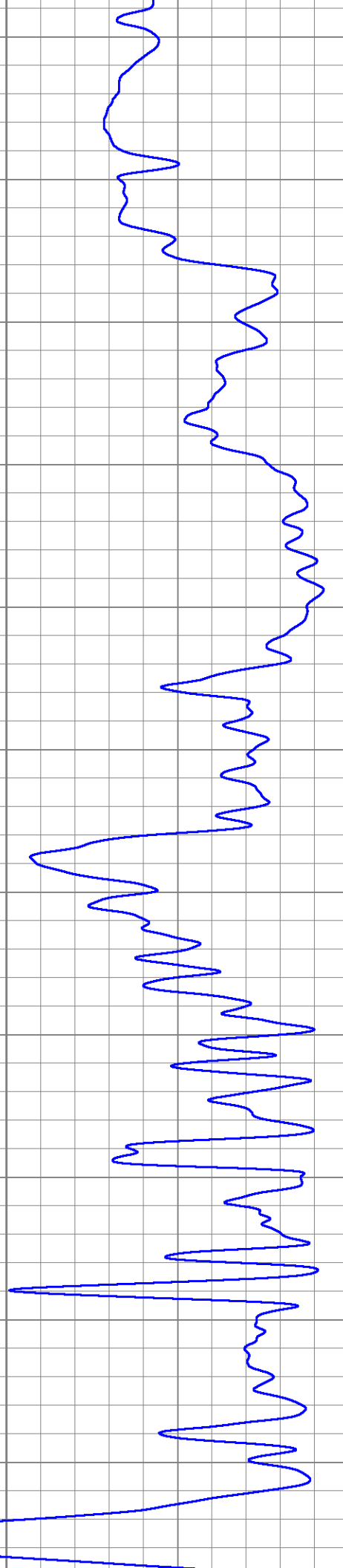
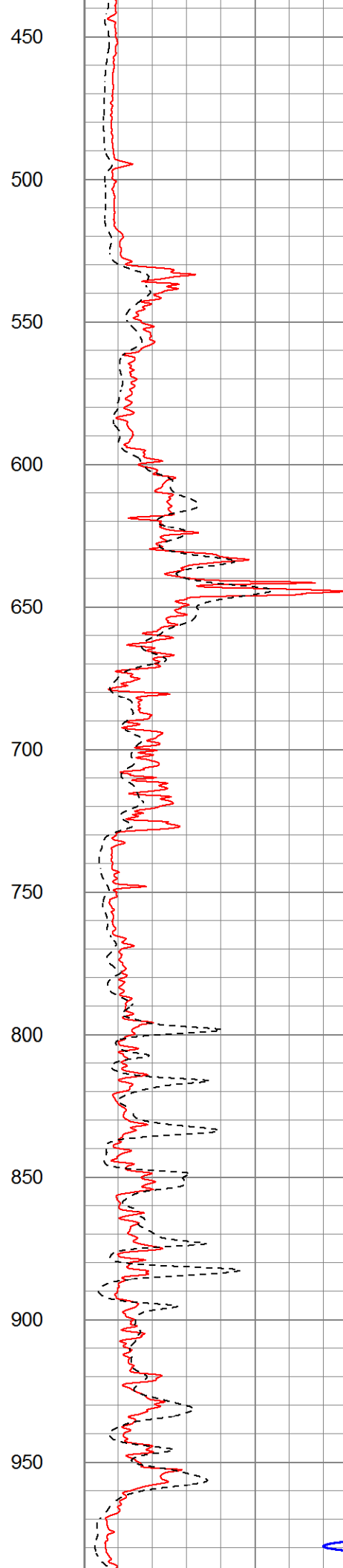
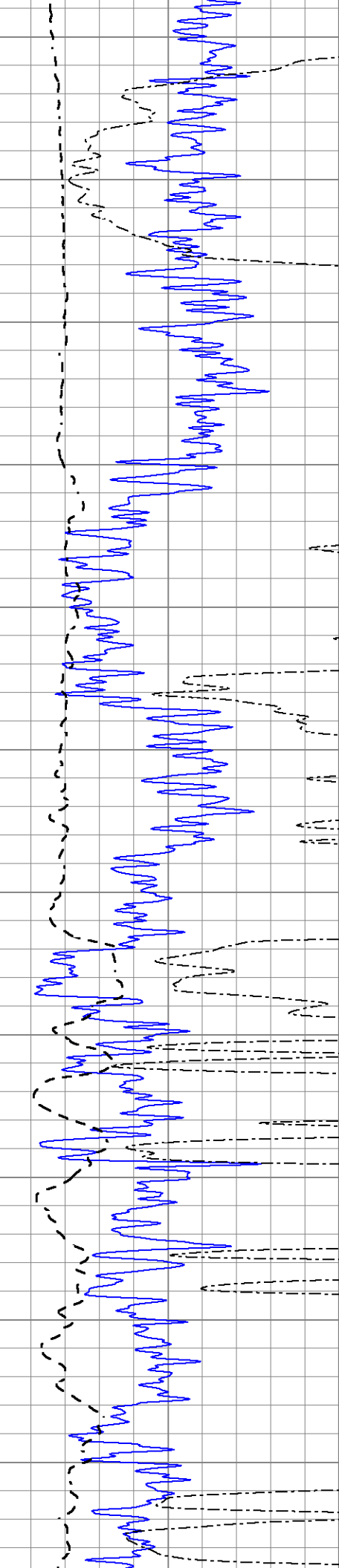
THANK YOU FOR USING ELI WIRELINE HAYS. KANSAS (785) 628-6395
DIRECTIONS
I-70 & COLLYER, KS., 8S. TO "RD. P", 1/4E., N. INTO

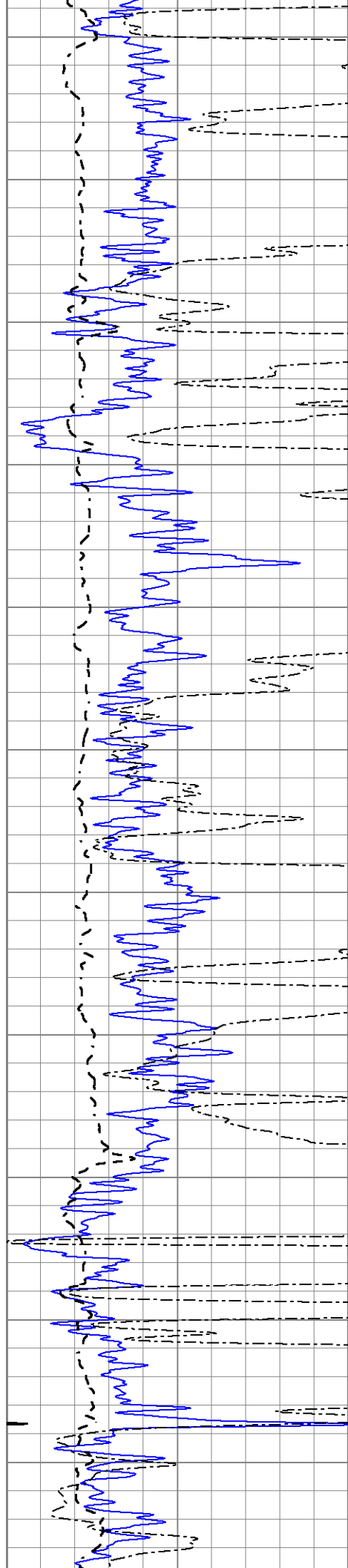


MAIN SECTION

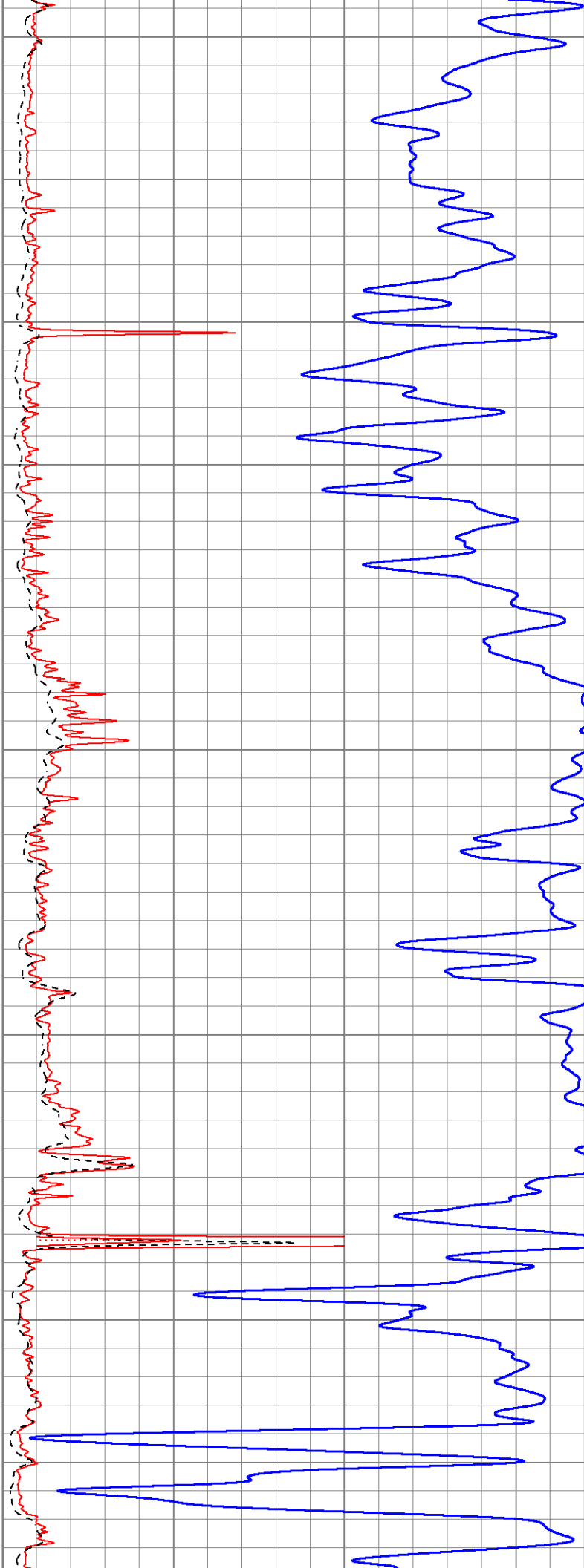
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-100	SP (mV)	100	0	RLL3 (Ohm-m)	50
0	RWA (Ohm-m)	1	0	RILD (Ohm-m)	50
			50	RILD X10 (Ohm-m)	500
			50	RLL3 X10 (Ohm-m)	500

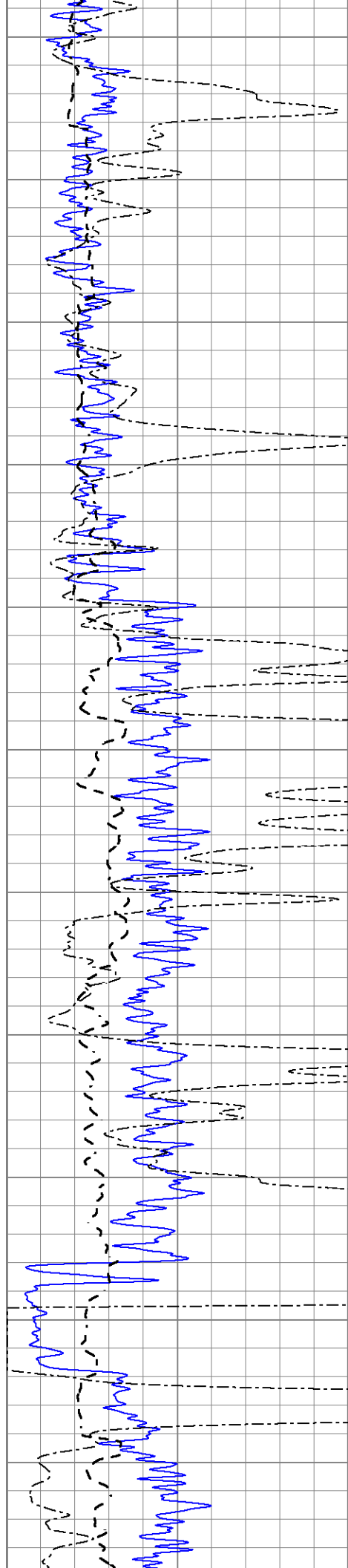






1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
1500





1550

1600

1650

1700

1750

1800

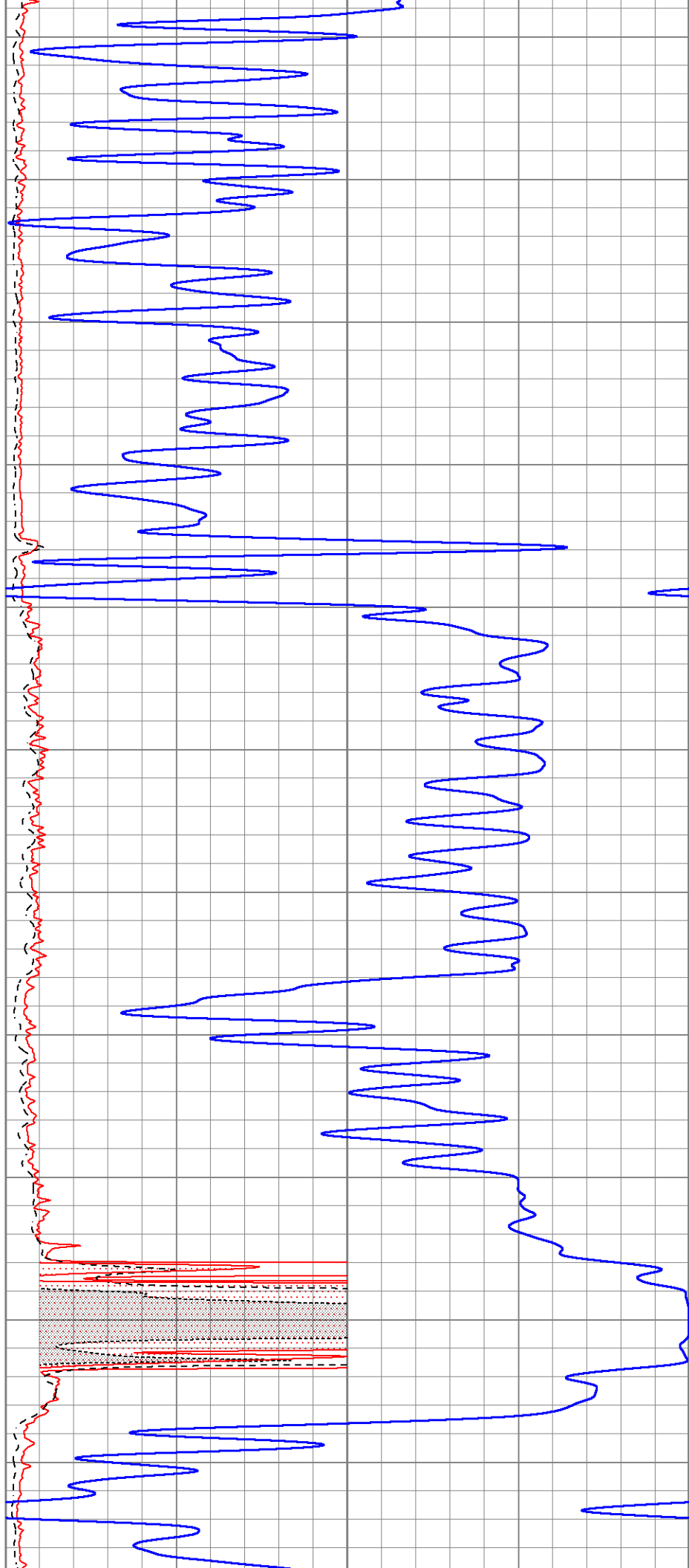
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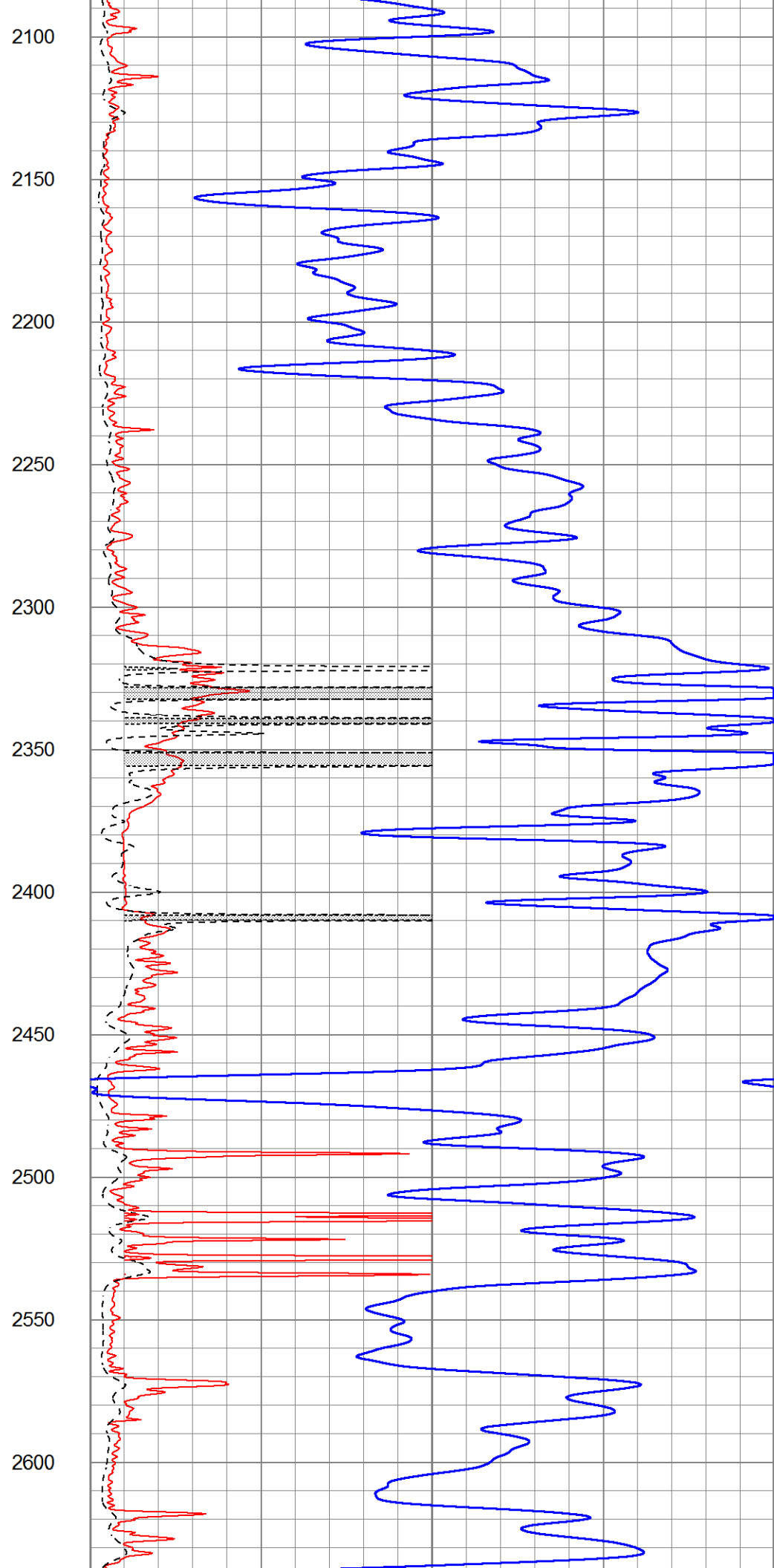
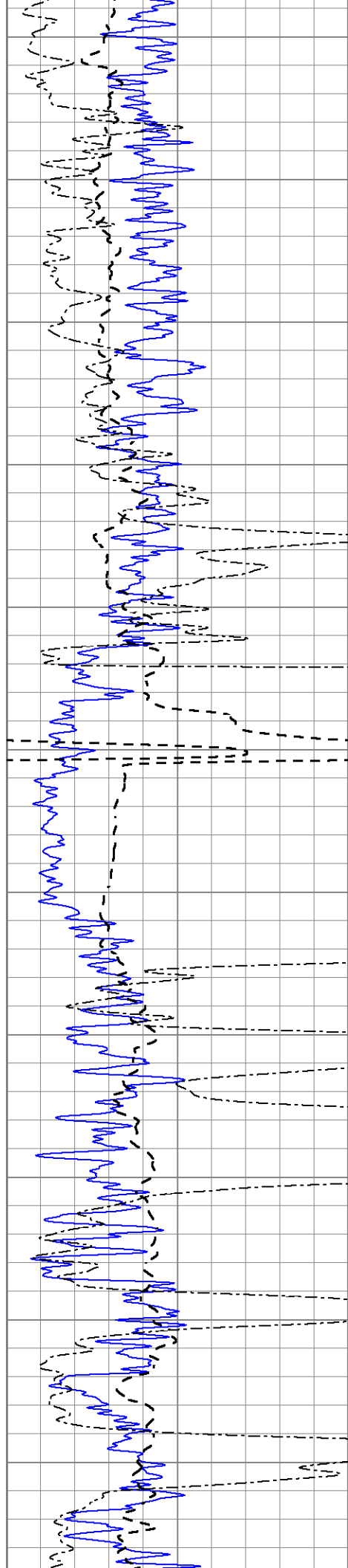
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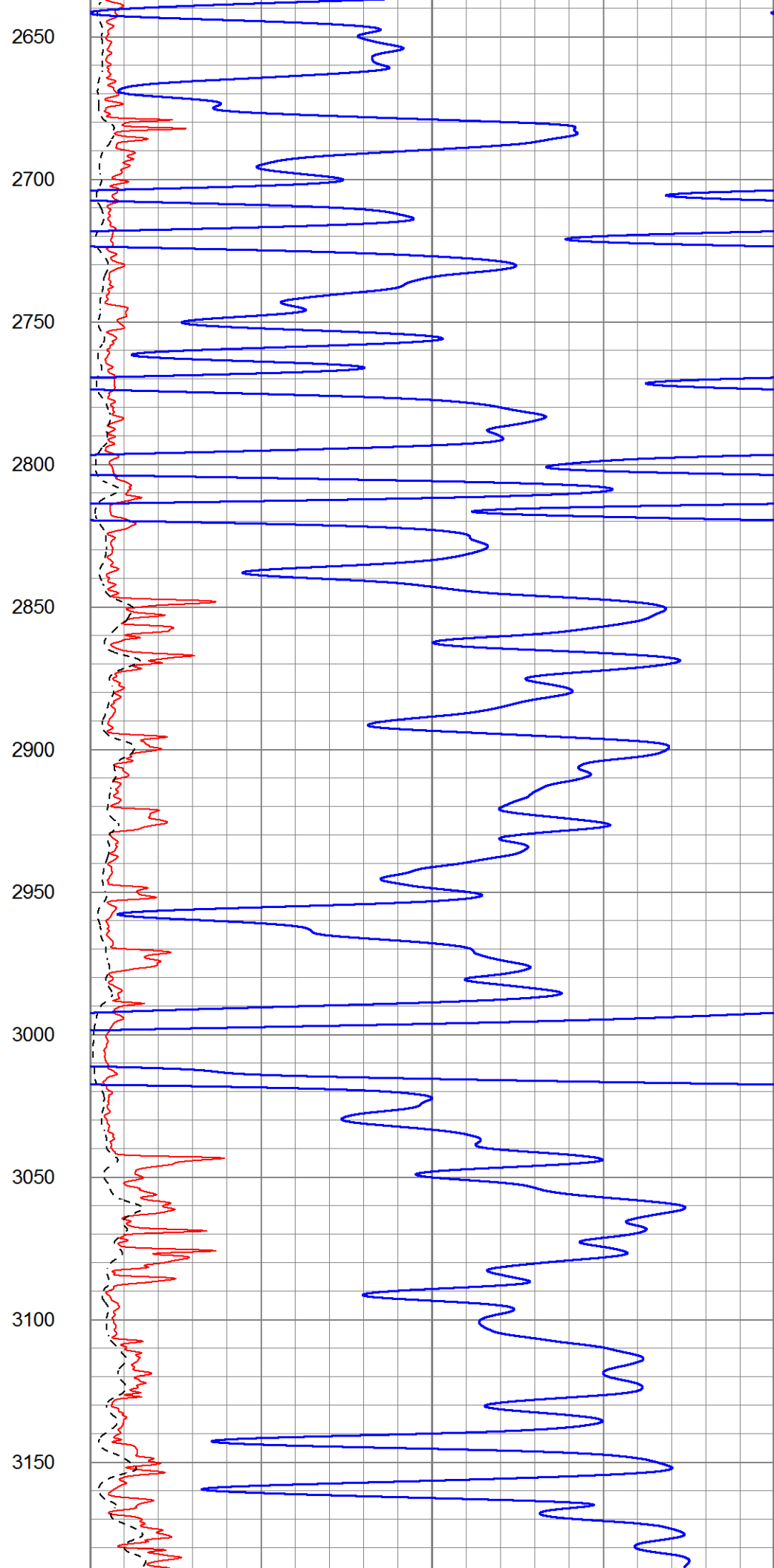
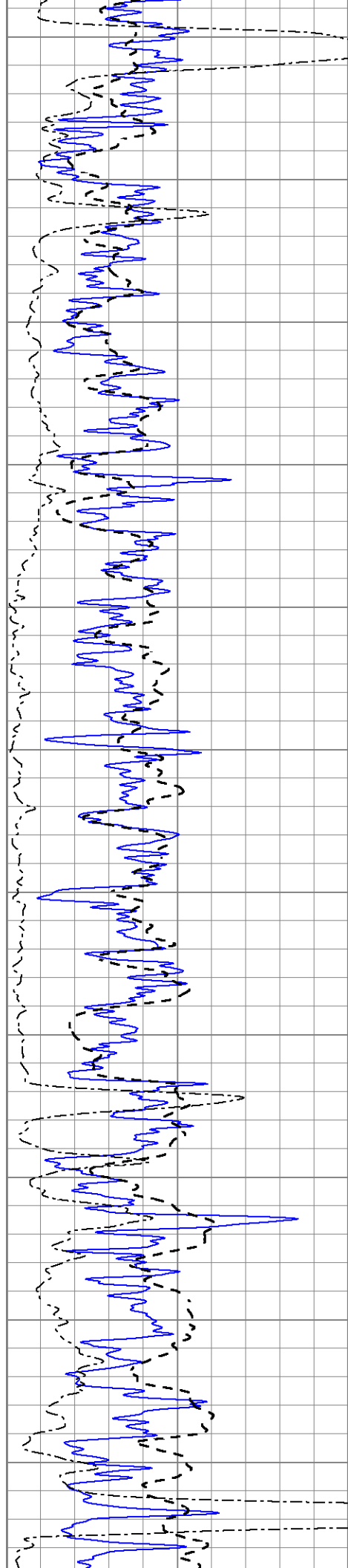
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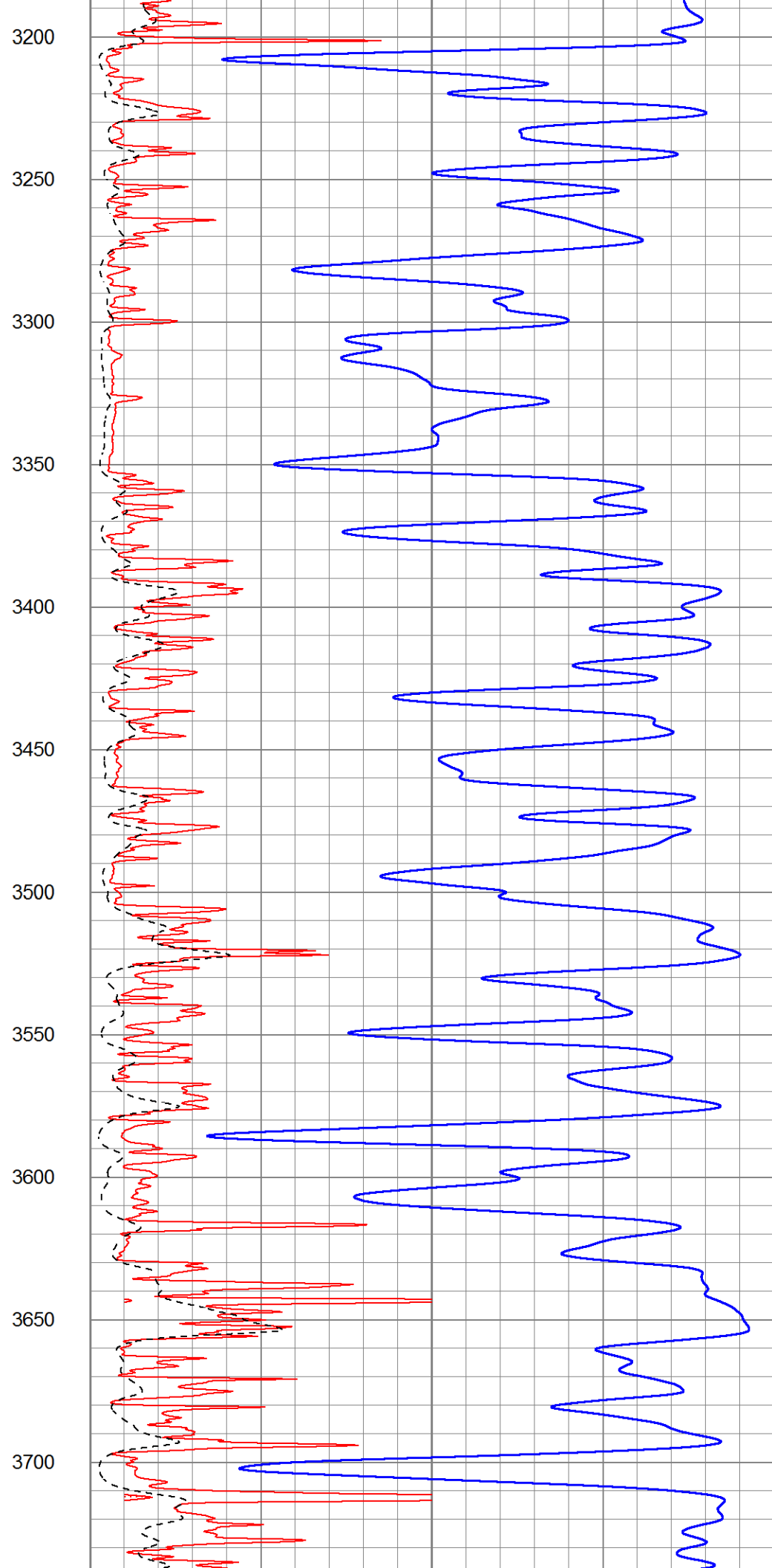
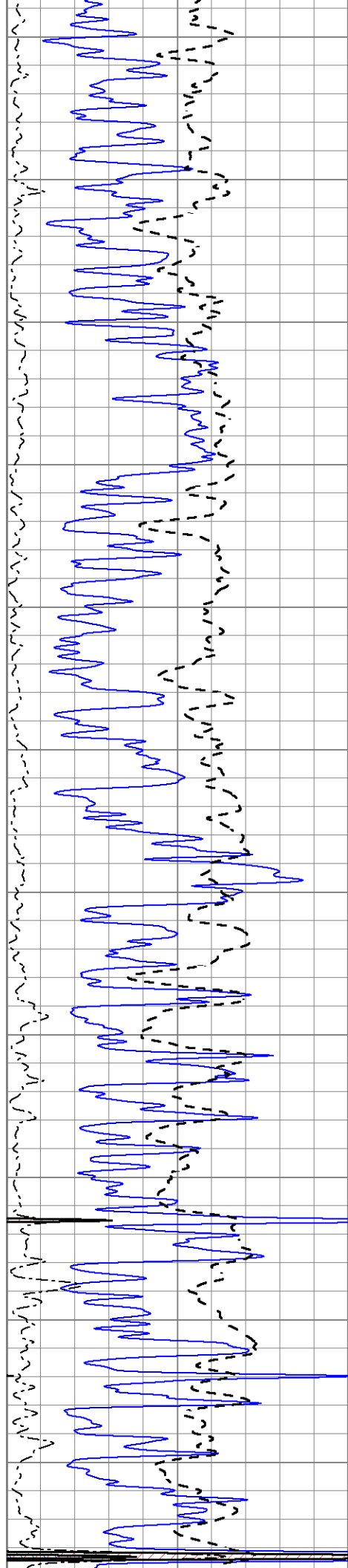
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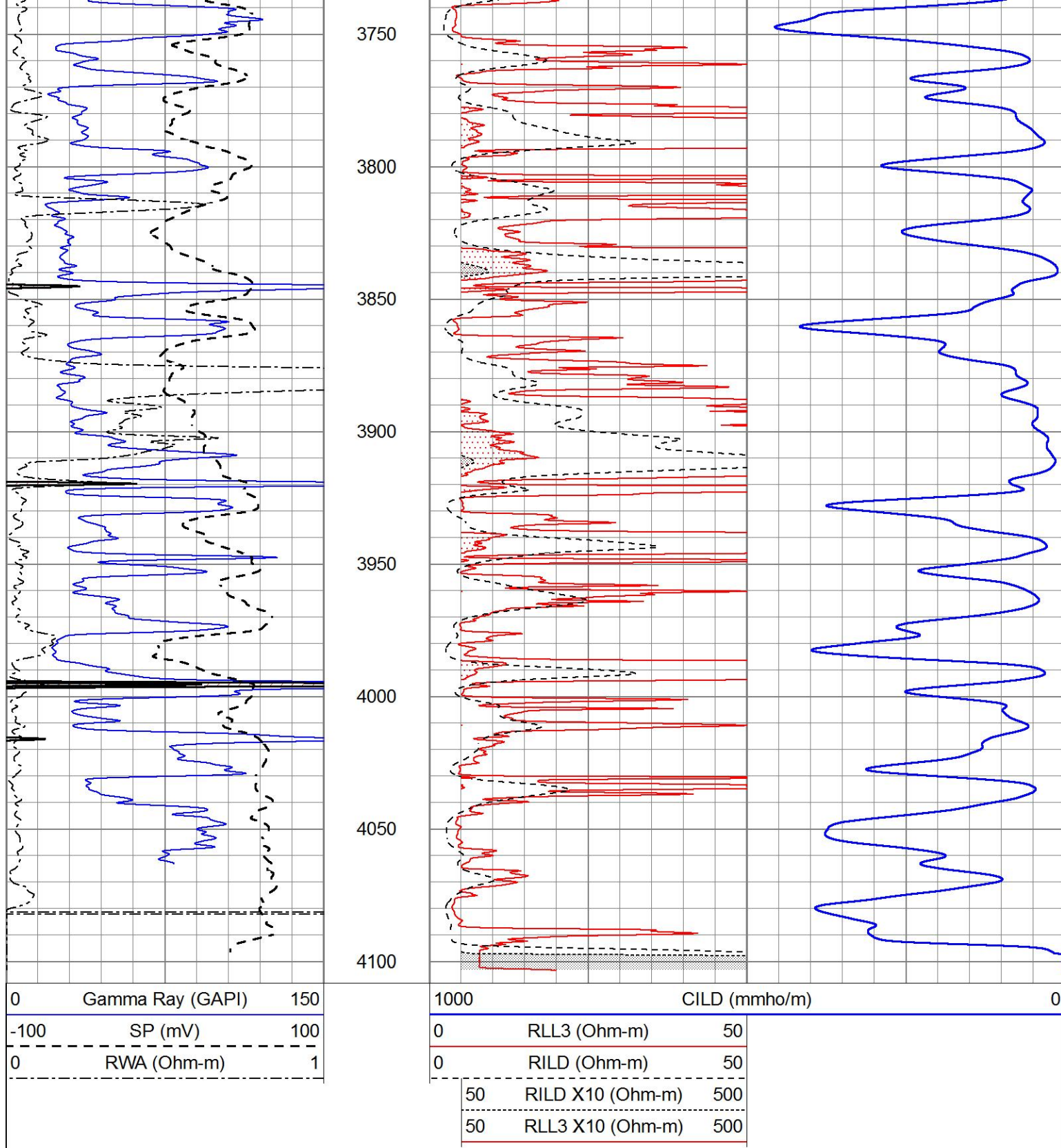
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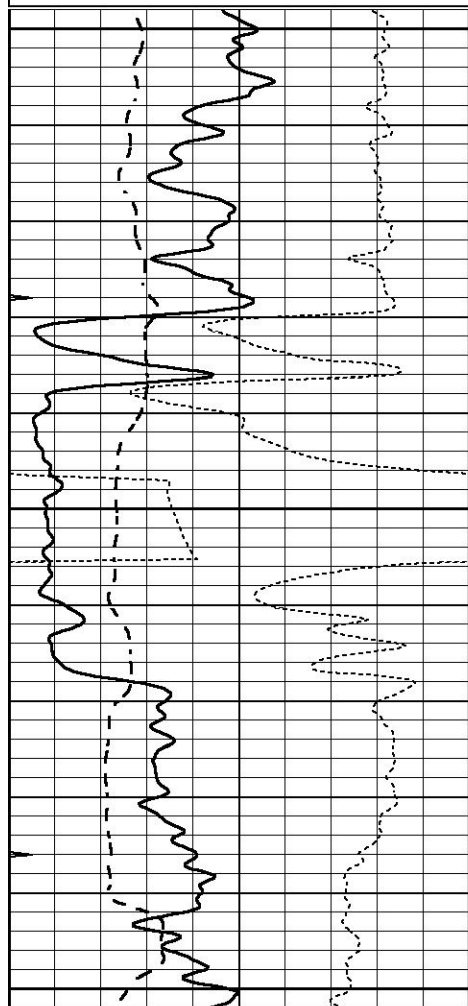




ANHYDRITE

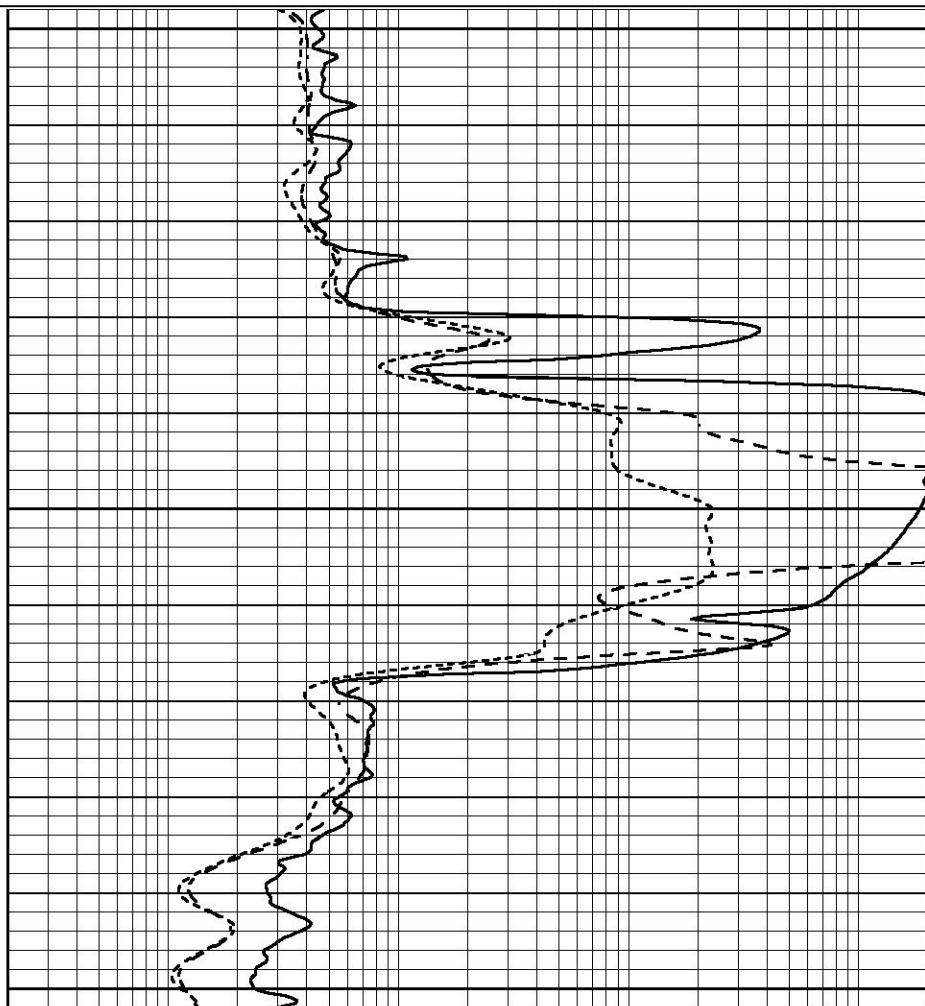
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Dataset Pathname pass3.1A
Presentation Format _dil
Dataset Creation Wed Aug 21 06:49:43 2024
Charted by Depth in Feet scaled 1:240

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



0	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



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



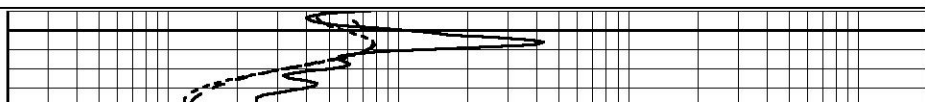
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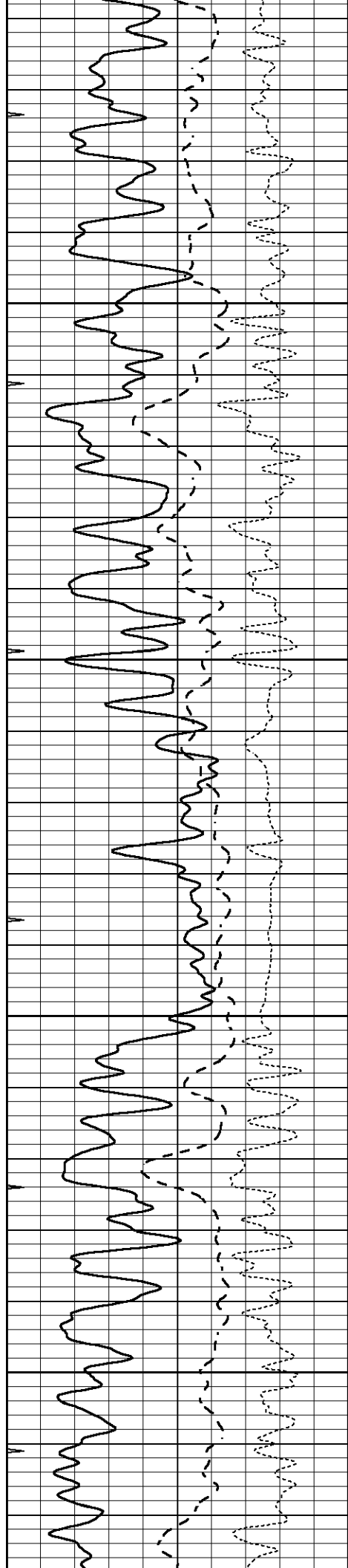
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 Dataset Pathname pass3.1M
 Presentation Format _dil
 Dataset Creation Wed Aug 21 06:47:18 2024
 Charted by Depth in Feet scaled 1:240

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



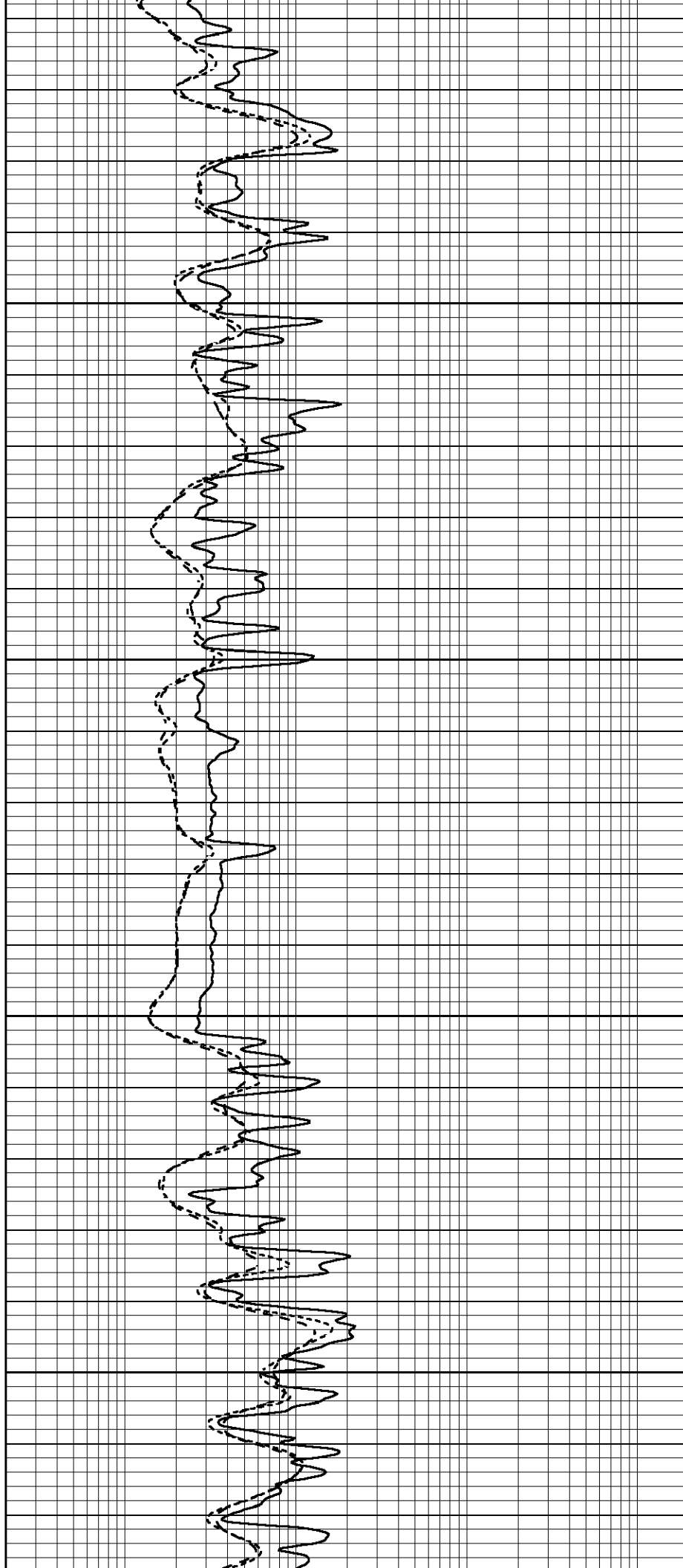


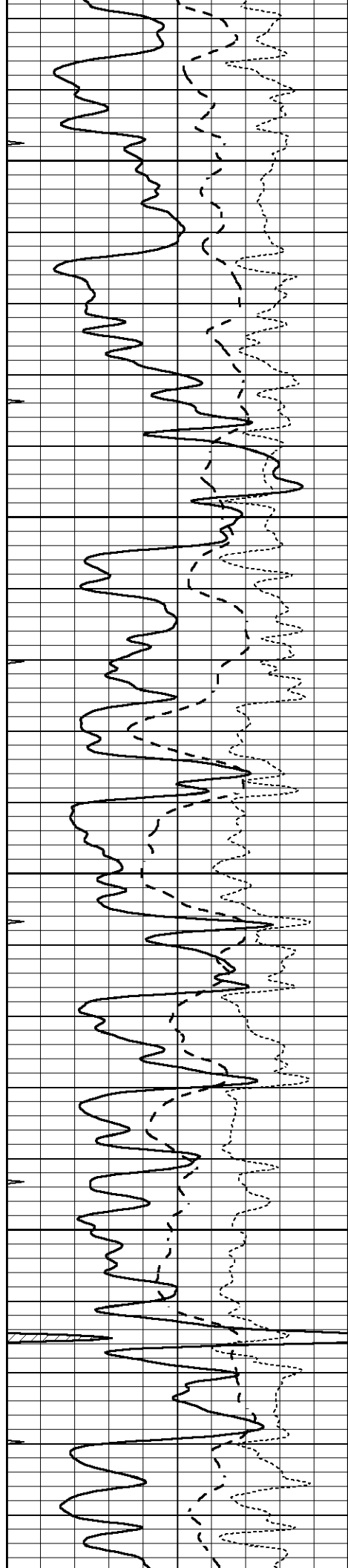
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3300

3350

3400



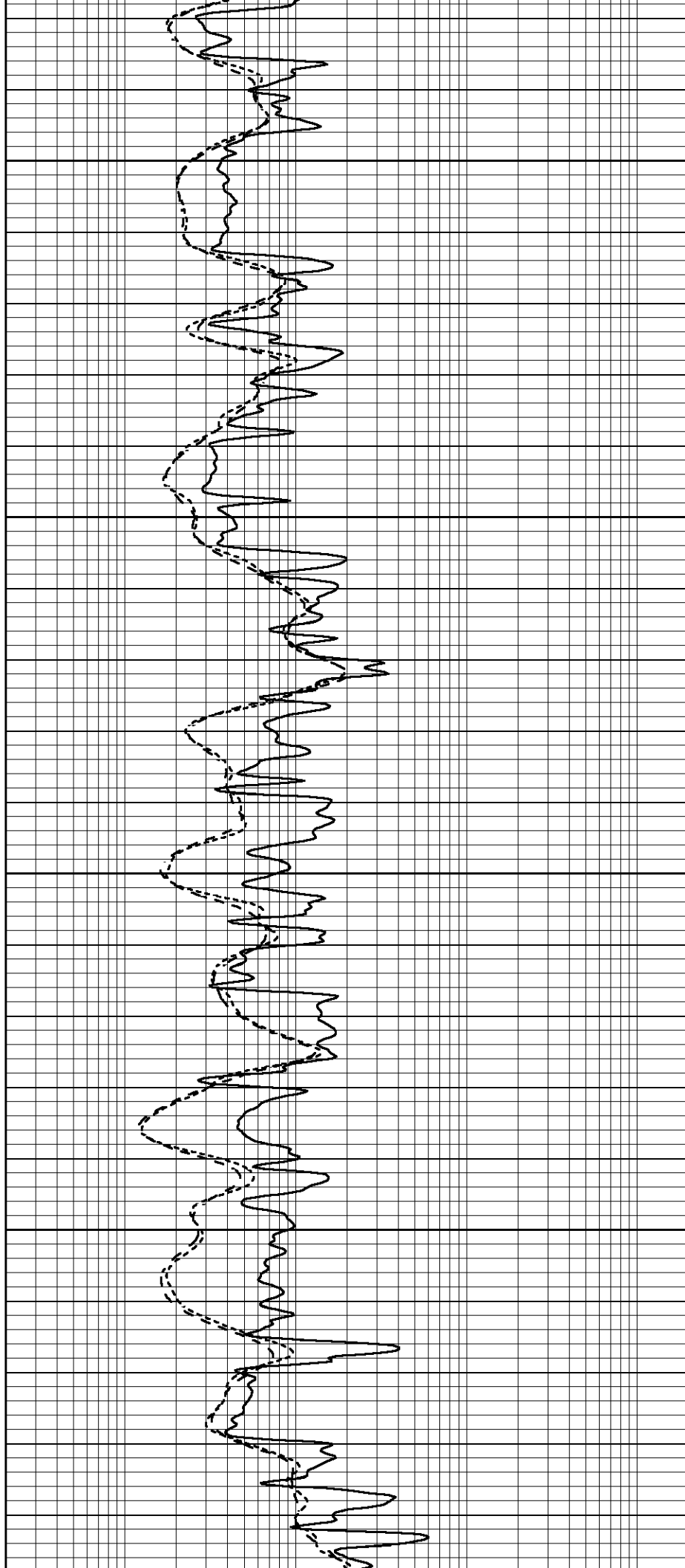


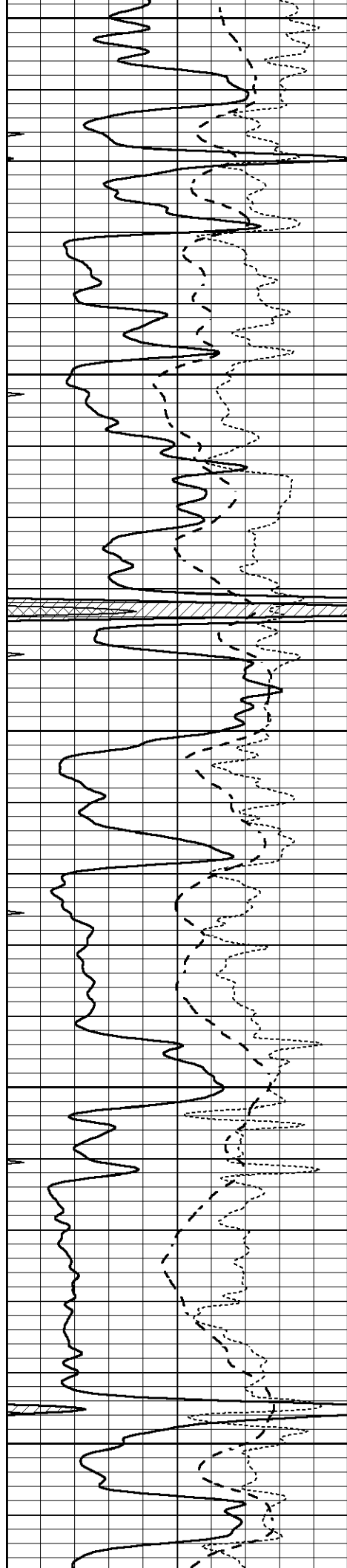
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3500

3550

3600





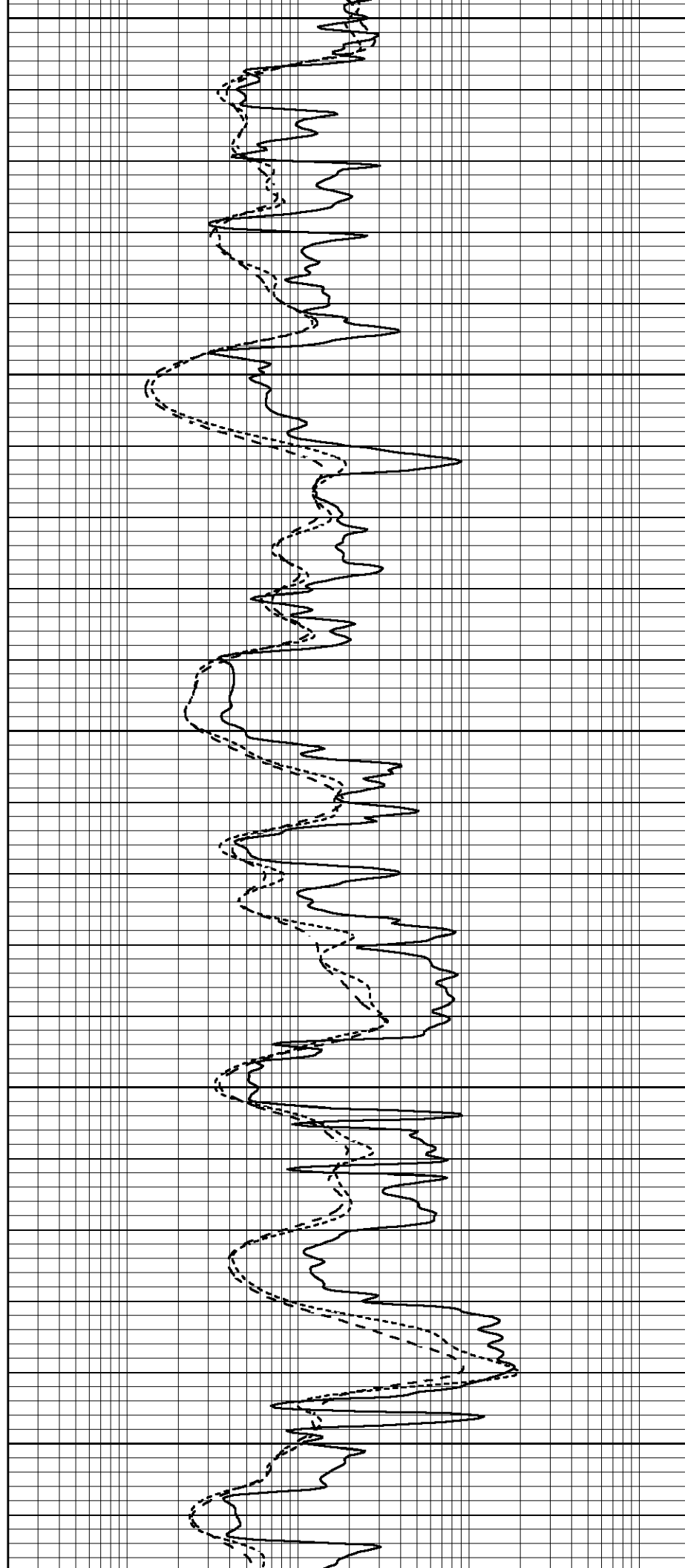
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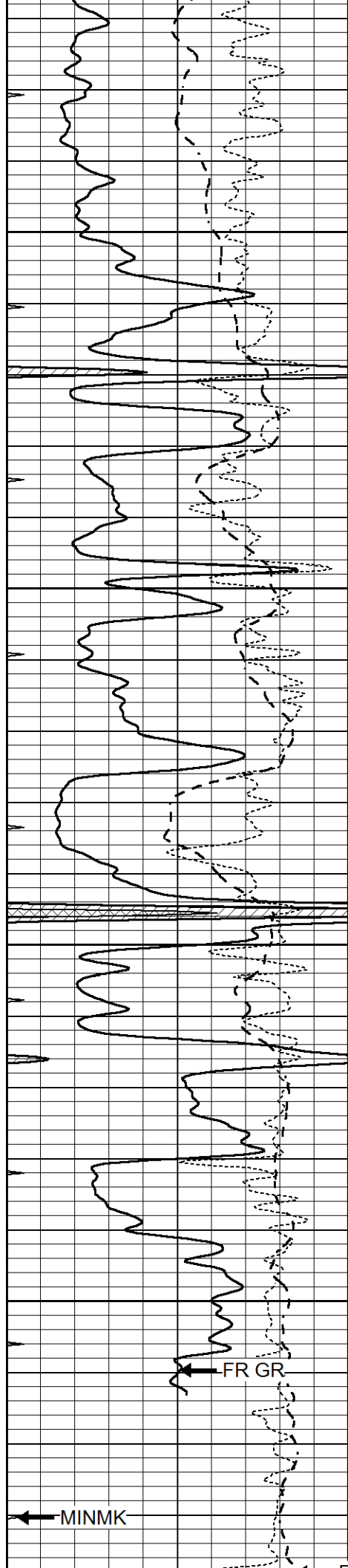
3700

3750

3800

3850





3900

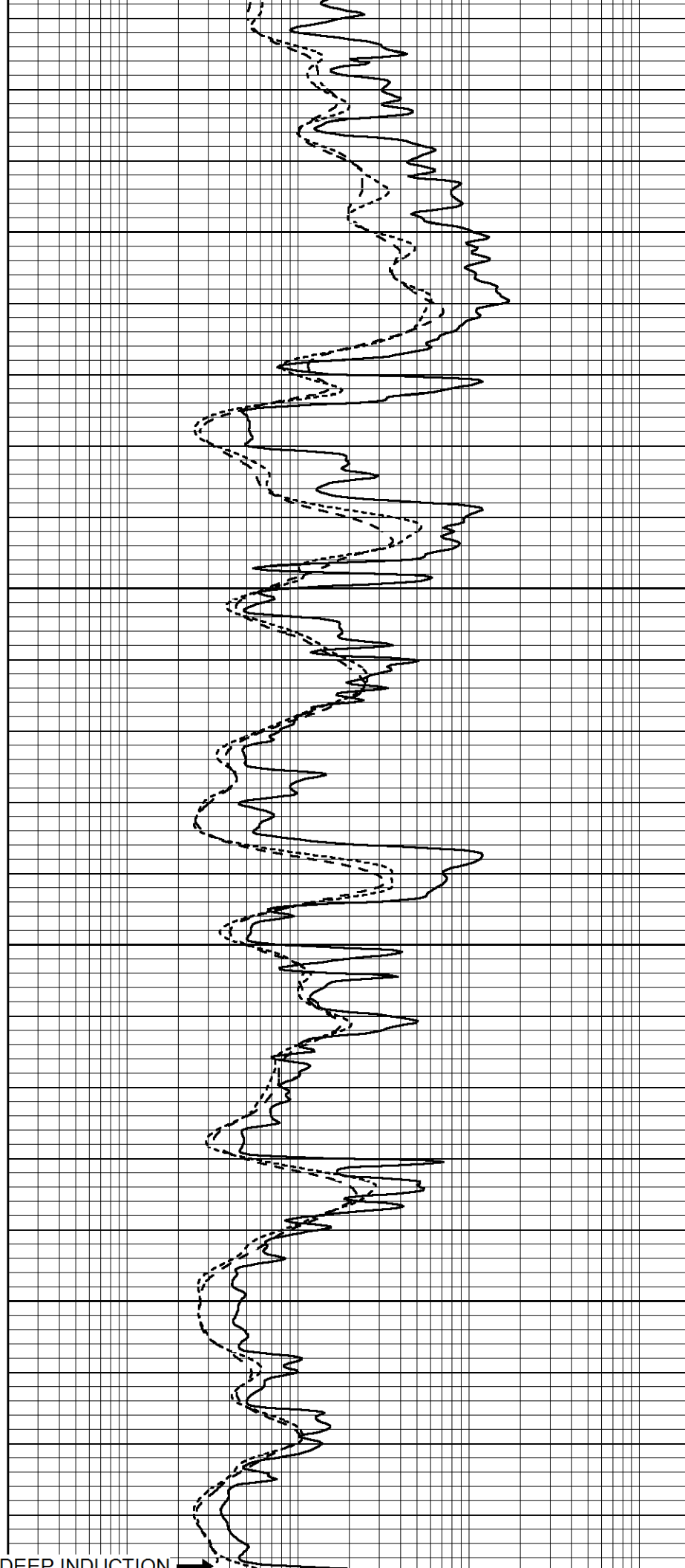
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4000

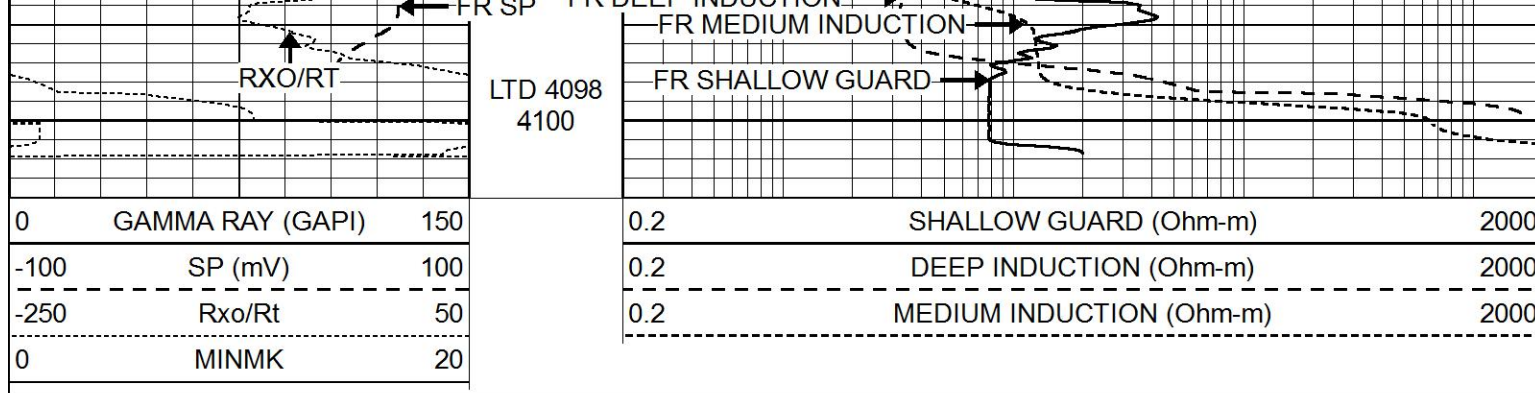
4050

FR GR

MINMK

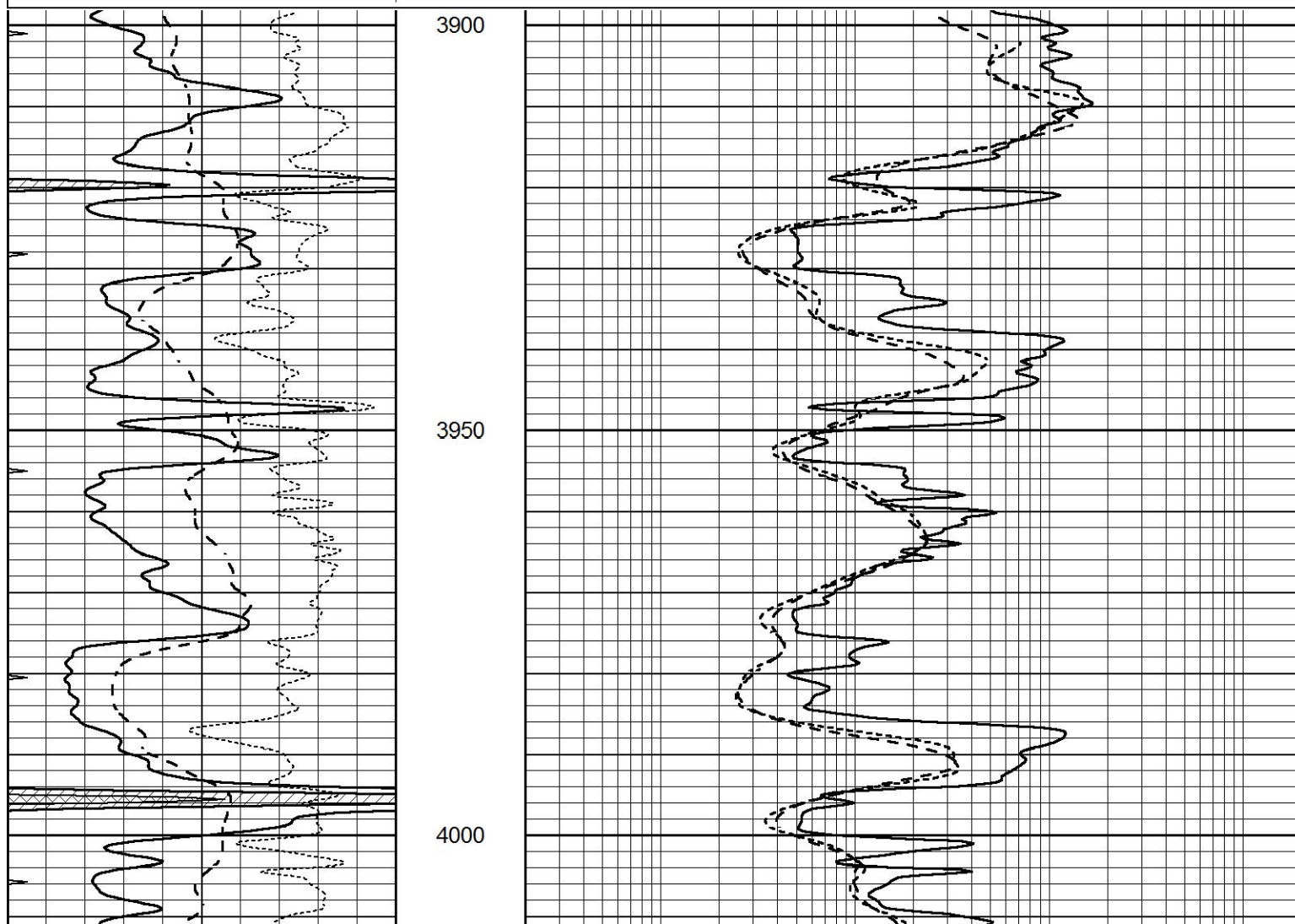
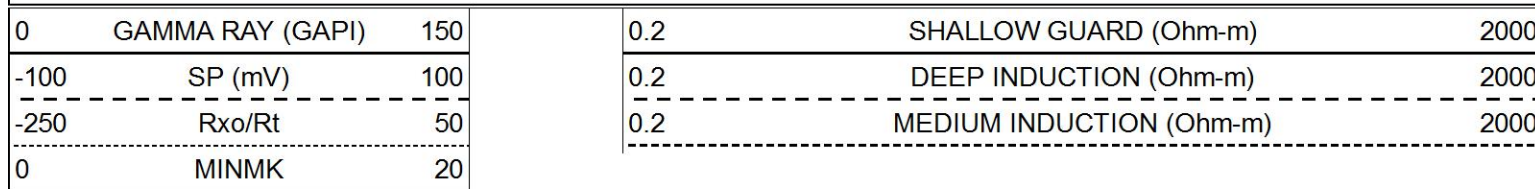


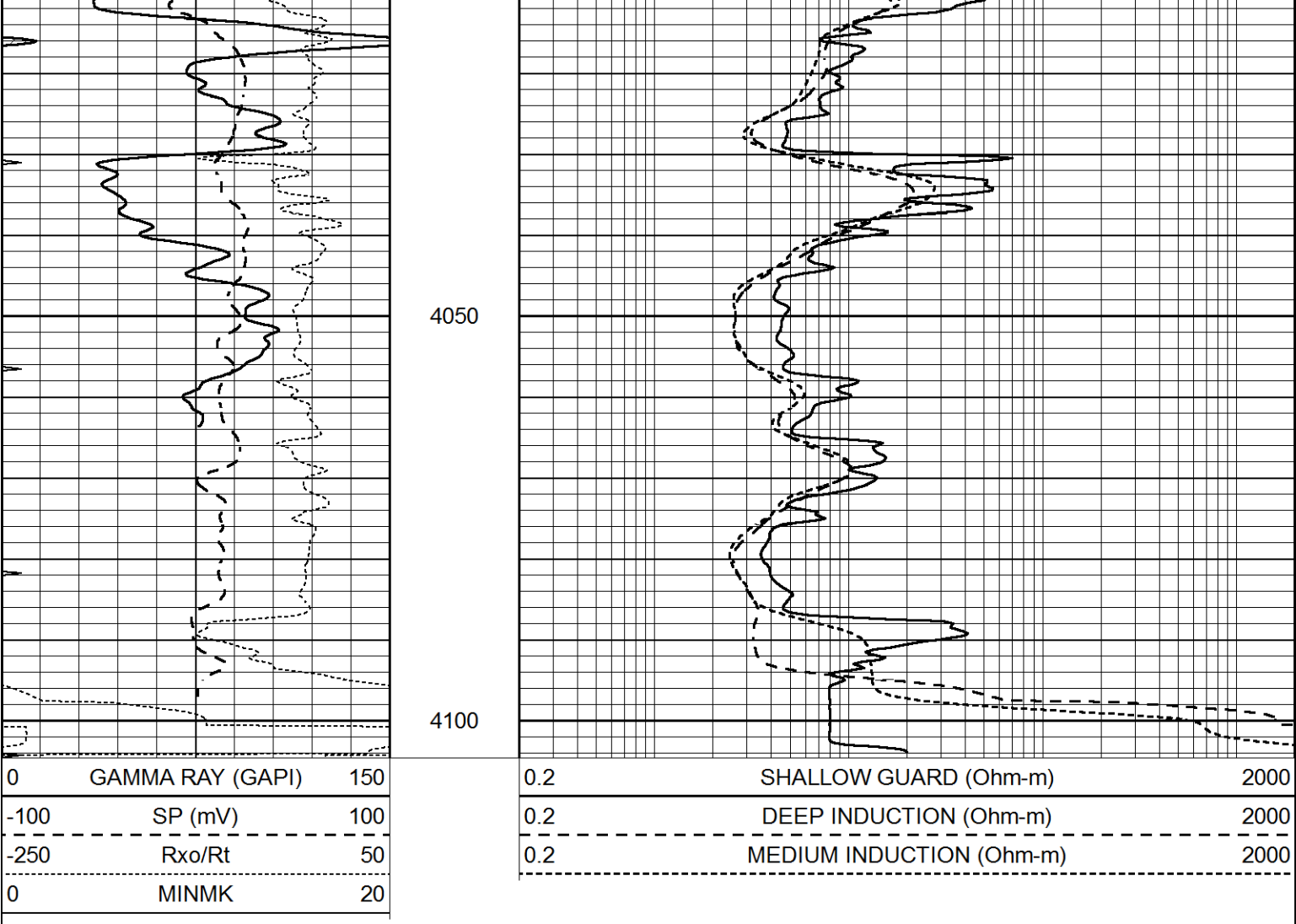
FR GR FR DEEP INDUCTION



REPEAT SECTION

Database File 8735ddn.db
 Dataset Pathname pass2.1R
 Presentation Format _dil
 Dataset Creation Wed Aug 21 06:14:53 2024
 Charted by Depth in Feet scaled 1:240





Calibration Report									
Database File	8735ddn.db								
Dataset Pathname	pass3.1M								
Dataset Creation	Wed Aug 21 06:47:18 2024								
Dual Induction Calibration Report									
Serial-Model:					PROBE8-DILG				
Surface Cal Performed:					Wed Aug 21 06:32:43 2024				
Downhole Cal Performed:					Mon Aug 14 00:39:25 2023				
After Survey Verification Performed:					Mon Jul 28 11:08:27 2008				
Surface Calibration									
Readings				References			Results		
Loop:	Air	Loop		Air	Loop		m	b	
Deep	0.015	0.648	V	0.000	400.000	mmho/m	660.000	10.000	
Medium	0.029	0.796	V	0.000	464.000	mmho/m	650.000	0.000	
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	

Serial Number: Tool Model:		070807PMC NABORS	
PRE-SURVEY VERIFICATION			
Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu
POST-SURVEY VERIFICATION			
Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu
Gamma Ray Calibration Report			
Serial Number:	070559		
Tool Model:	OPEN_GR		
Performed:	Wed Aug 21 06:32:14 2024		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	1.0	cps	
Sensitivity:	0.5000	GAPI/cps	