



DUAL INDUCTION LOG

Company PALOMINO PETROLEUM, INC.

Well WESTSIDE #1

Field

County NESS

State KANSAS

Location: API #: 15-135-26125-0000

1353' FNL & 1969' FEL

SEC 7 TWP 18S RGE 26W

Permanent Datum GROUND LEVEL Elevation 2563
Log Measured From KELLY BUSHING 11' A.G.L.
Drilling Measured From KELLY BUSHING

Other Services
CDL/CNL
MEL
Elevation
K.B. 2574
D.F. 2572
G.L. 2563

Date 10/21/21

Run Number ONE

Depth Driller 4637

Depth Logger 4638

Bottom Logged Interval 4636

Top Log Interval 00

Casing Driller 8 5/8" @ 228

Casing Logger 228

Bit Size 7 7/8

Type Fluid in Hole CHEMICAL MUD

Density / Viscosity 9.2/60

pH / Fluid Loss 11.0/6.0

Source of Sample FLOWLINE

Rm @ Meas. Temp 1.30 @ 62F

Rmf @ Meas. Temp 0.97 @ 62F

Rmc @ Meas. Temp 1.56 @ 62F

Source of Rmf / Rmc MEASUREMENT

Rm @ BHT 0.66 @ 122F

Time Circulation Stopped 2 HOURS

Time Logger on Bottom

Maximum Recorded Temperature 122F

Equipment Number 3802

Location HAYS, KANSAS

Recorded By JASON CAPPELLUCCI

Witnessed By RYAN SEIB

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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.

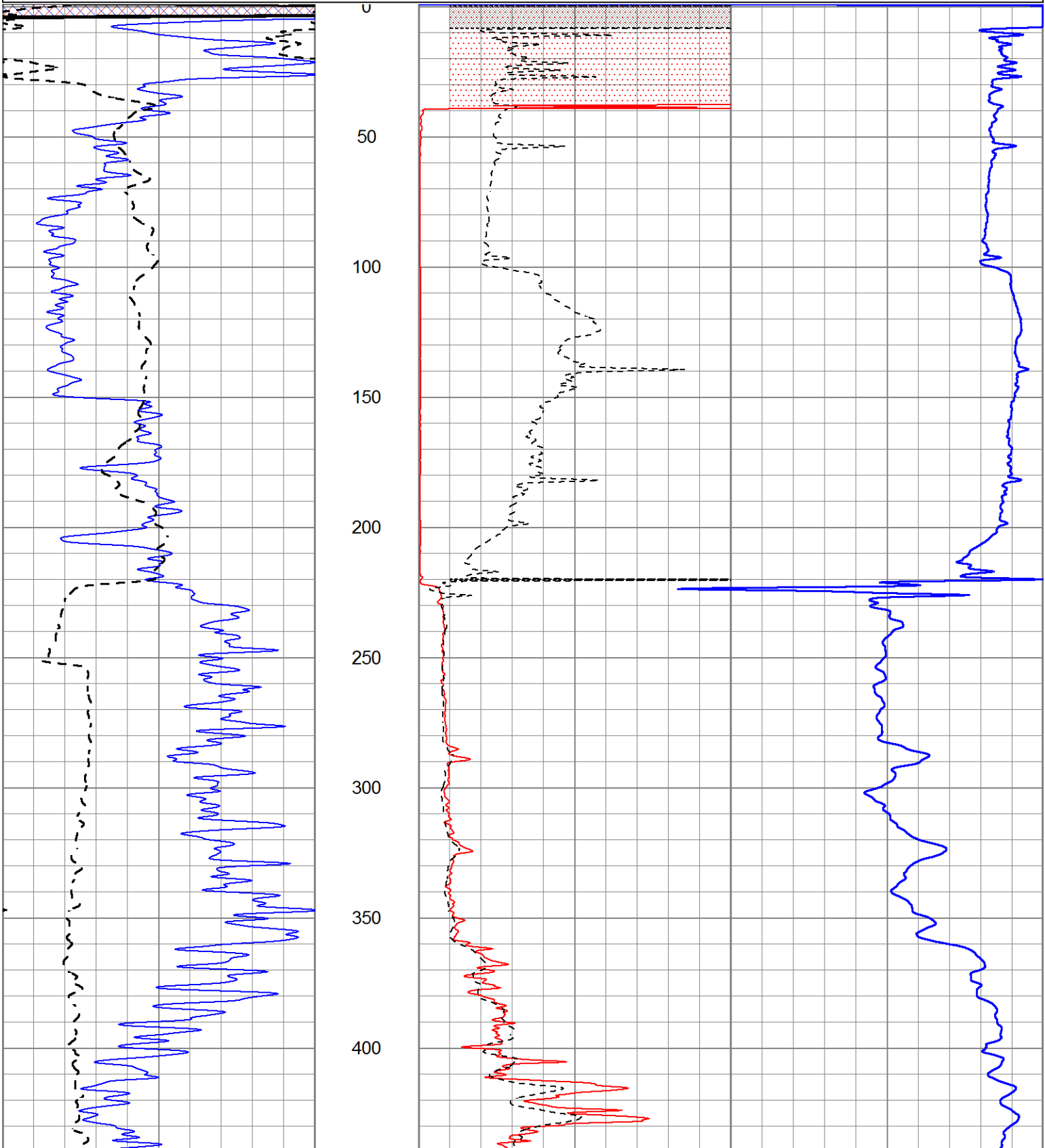
Comments

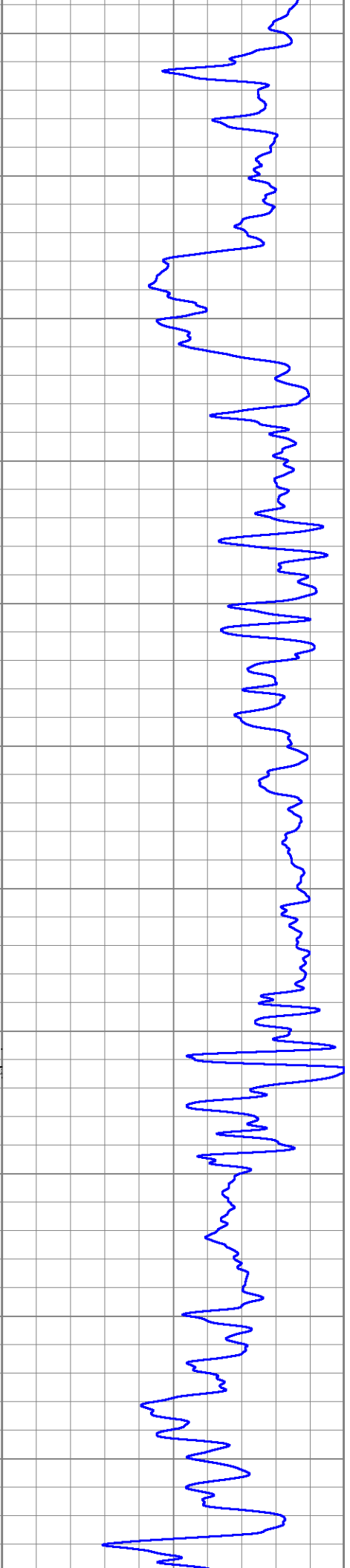
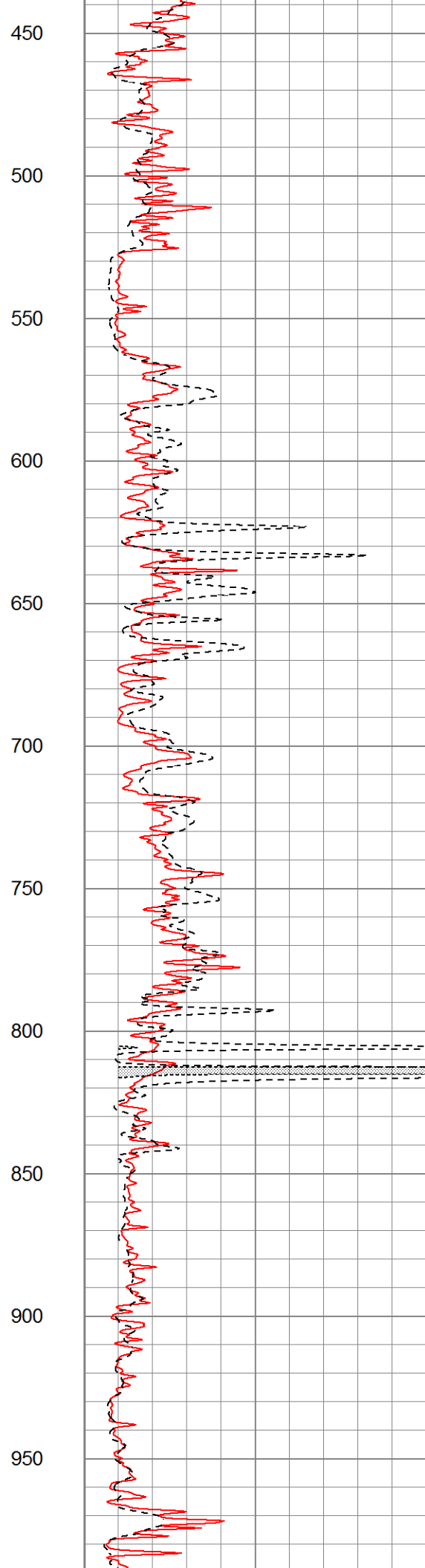
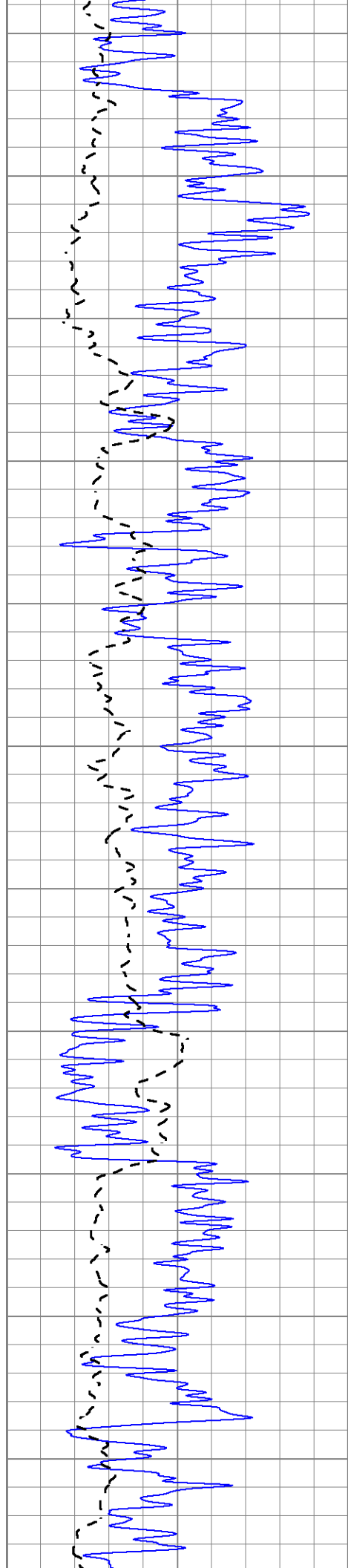
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
NESS CITY, KS. - WEST TO RD. A - 4 1/2 NORTH - WEST INTO

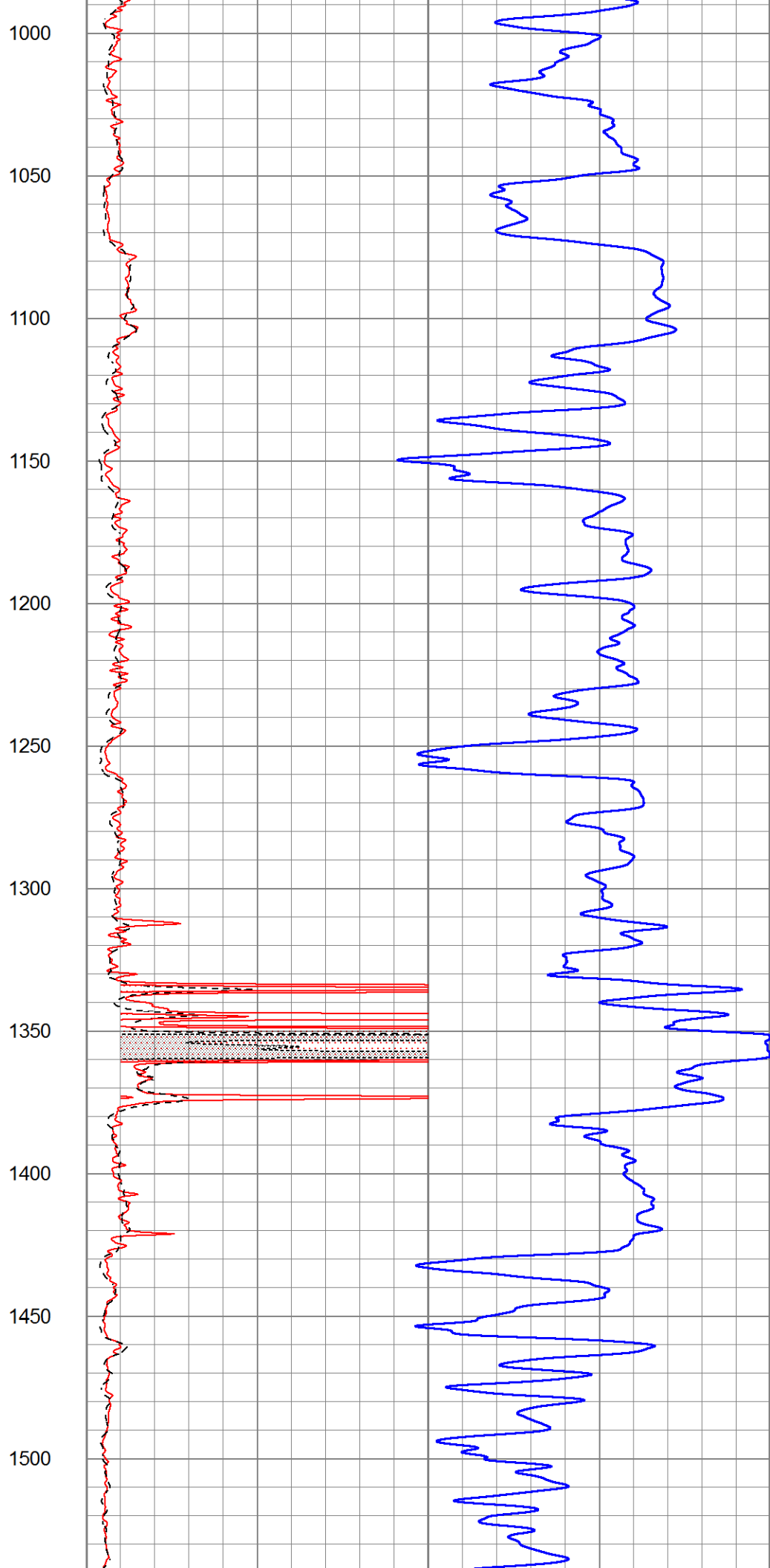
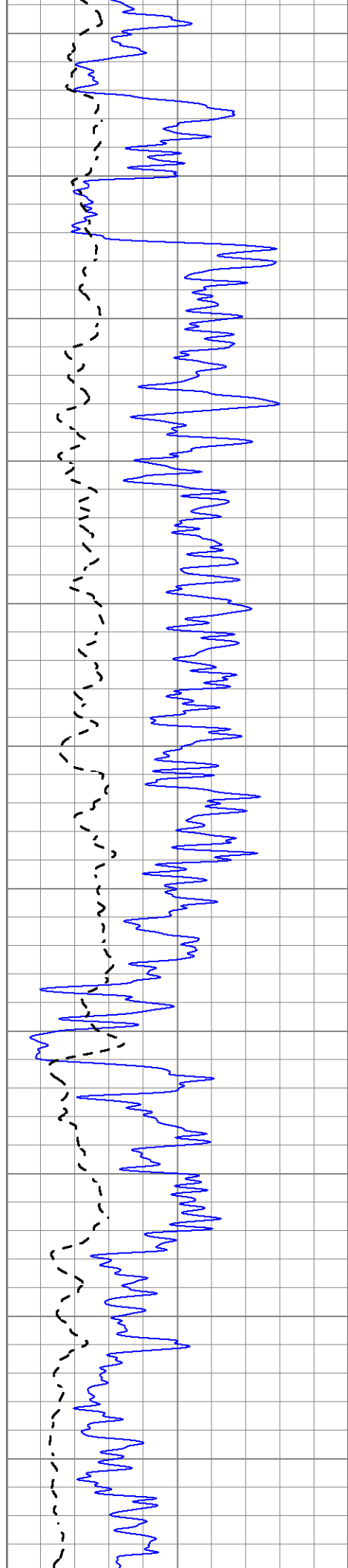


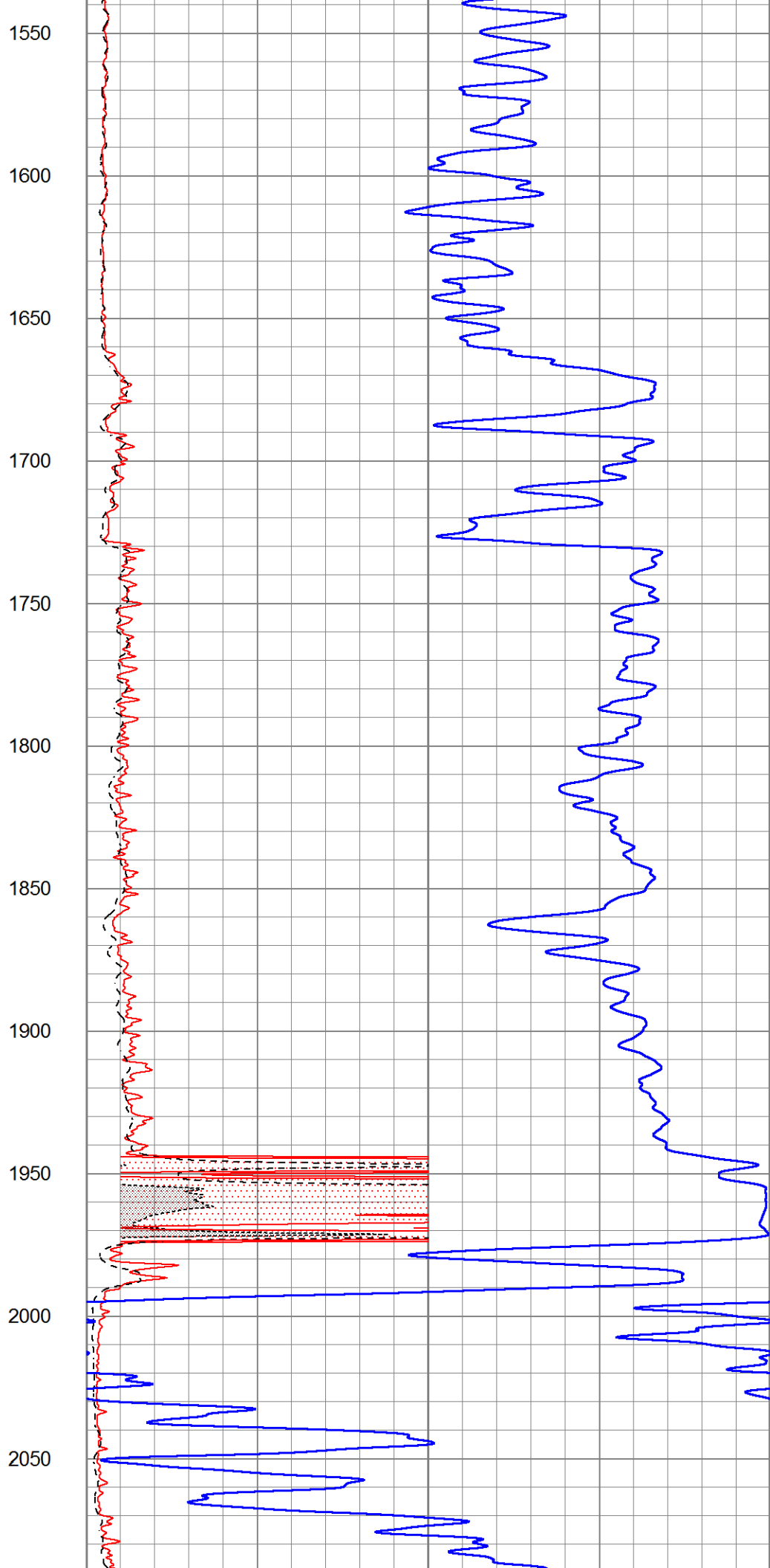
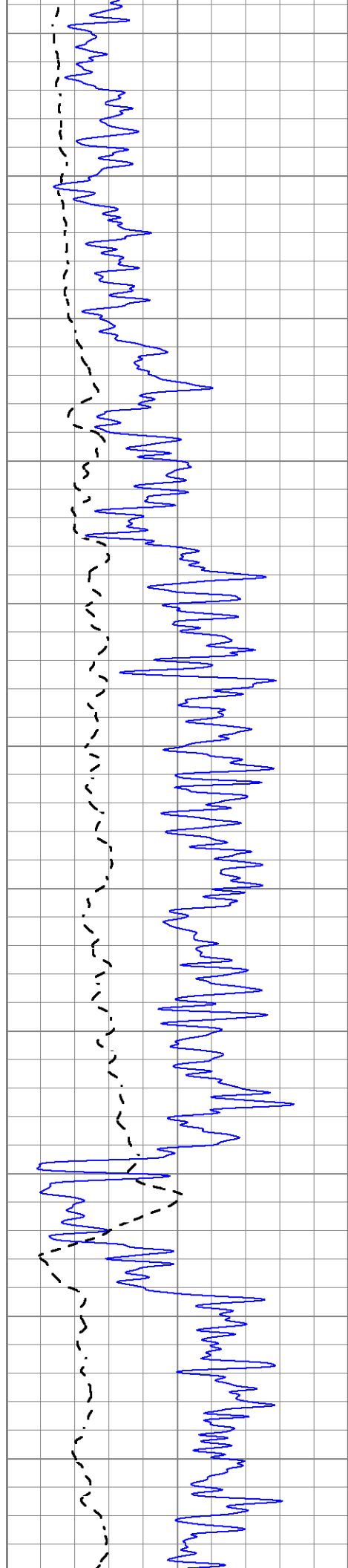
MAIN SECTION

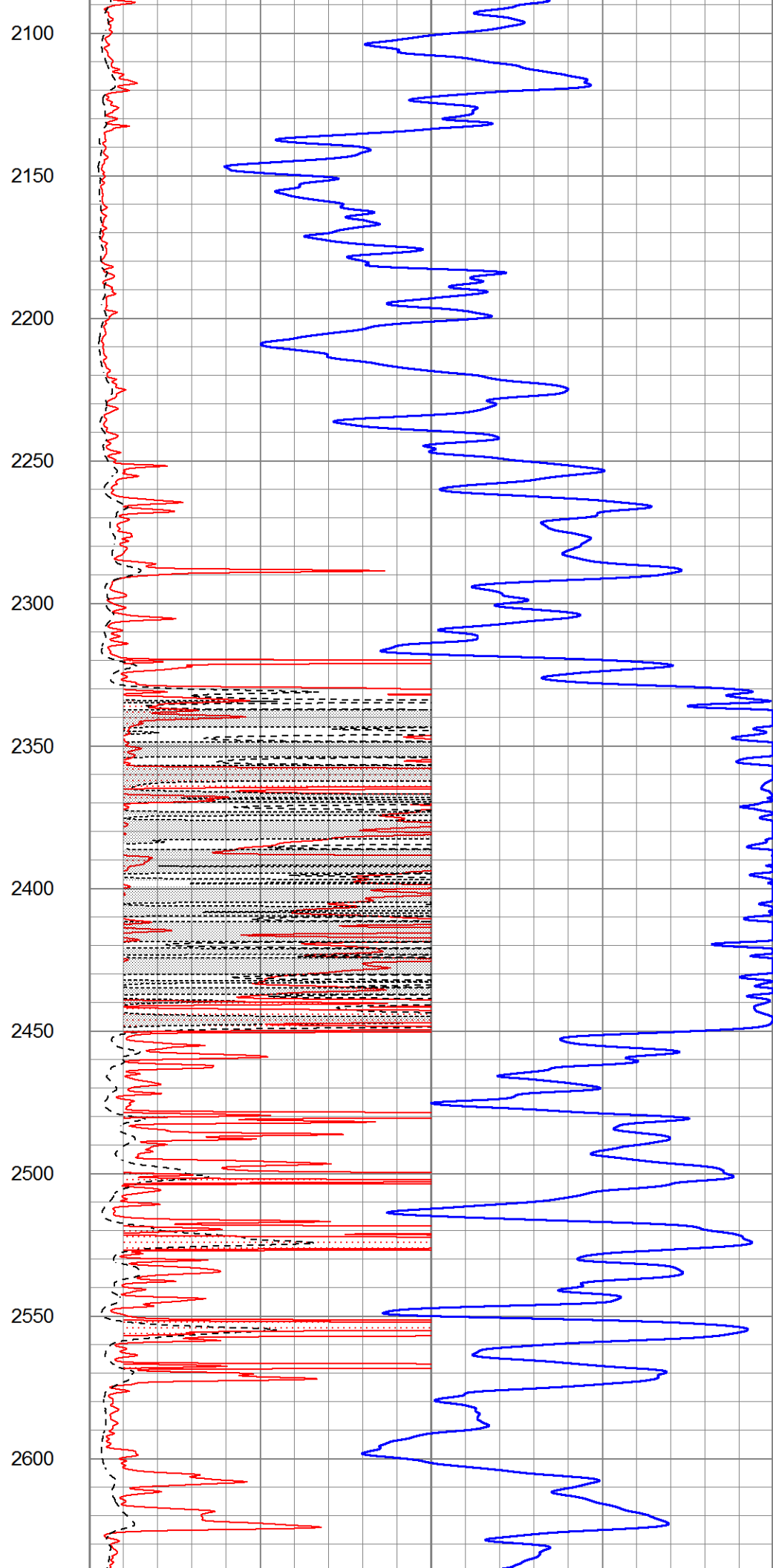
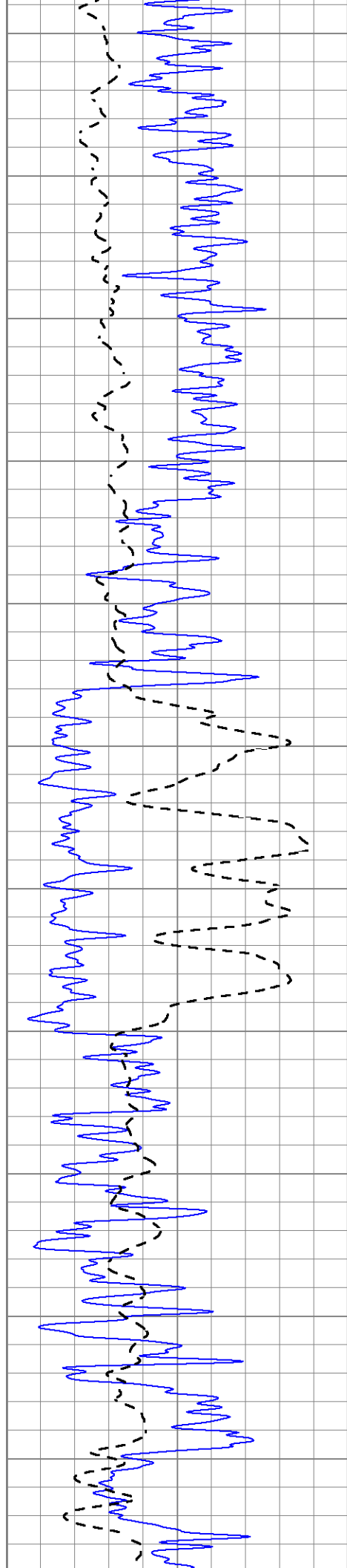
0	Gamma Ray (GAPI)	150	1000	CILD (mmho/m)	0
-100	SP (mV)	100	0	RLL3 (Ohm-m)	50
-----			0	Deep Induction (Ohm-m)	50
			50	RILD X10 (Ohm-m)	500
			50	RLL3 X10 (Ohm-m)	500

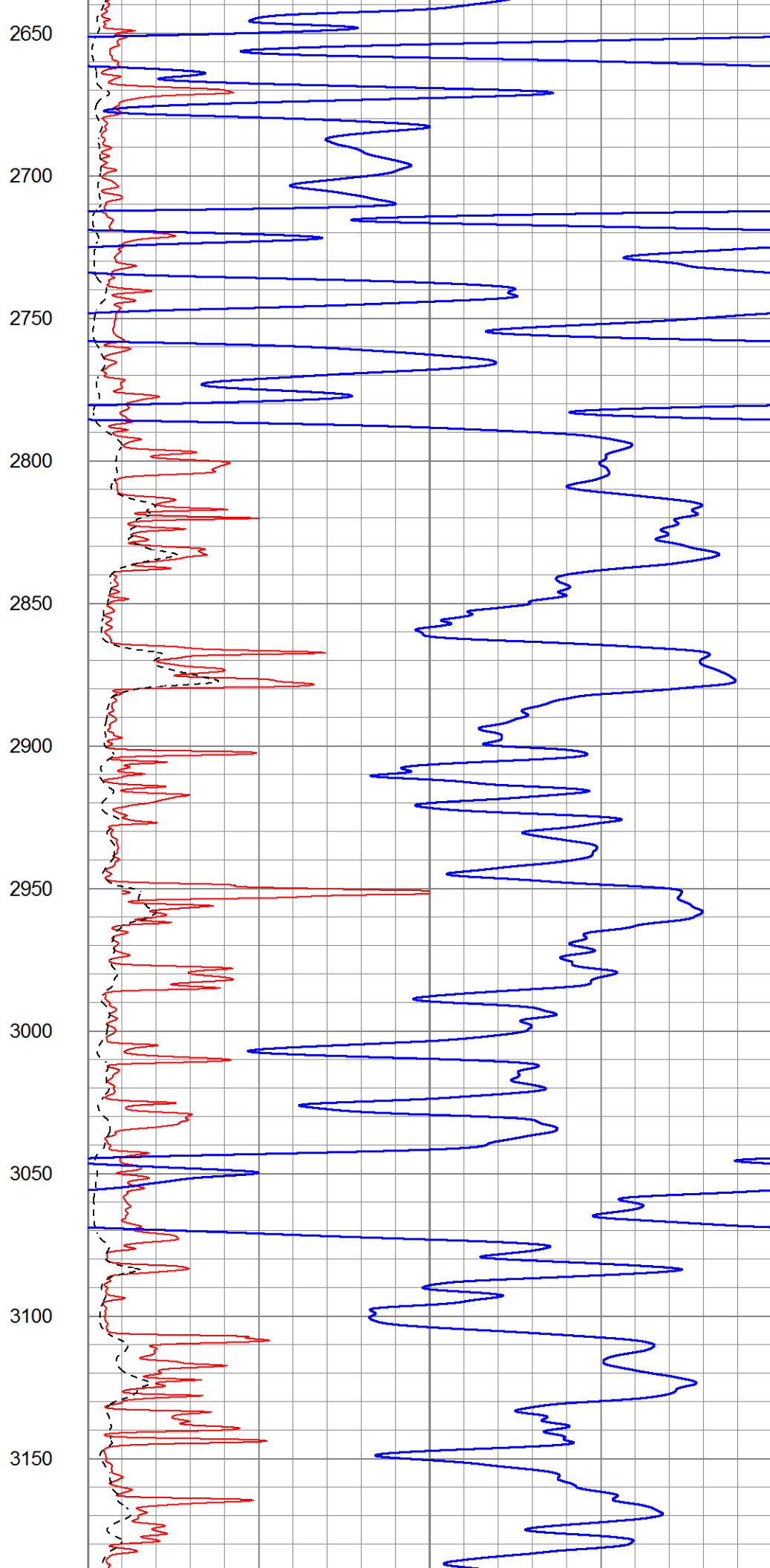
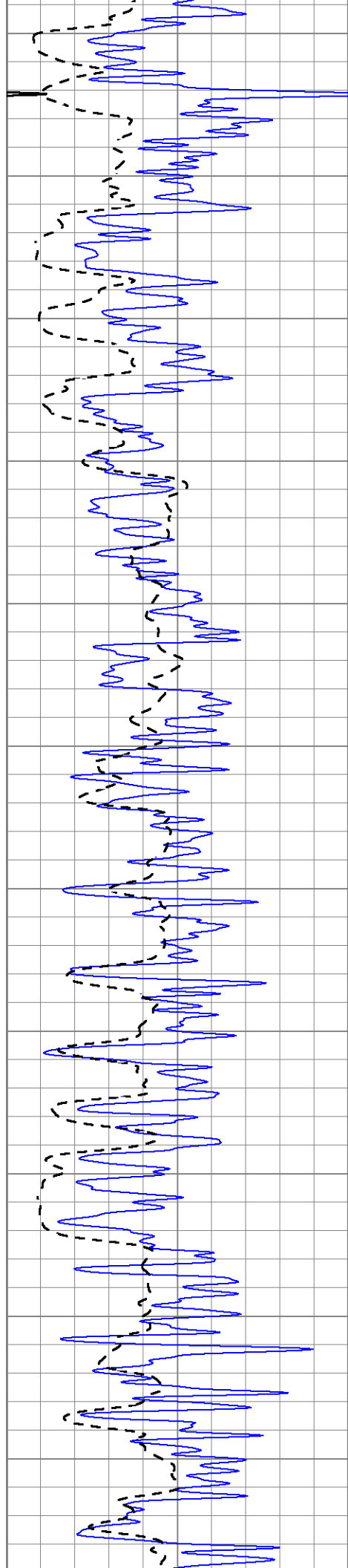


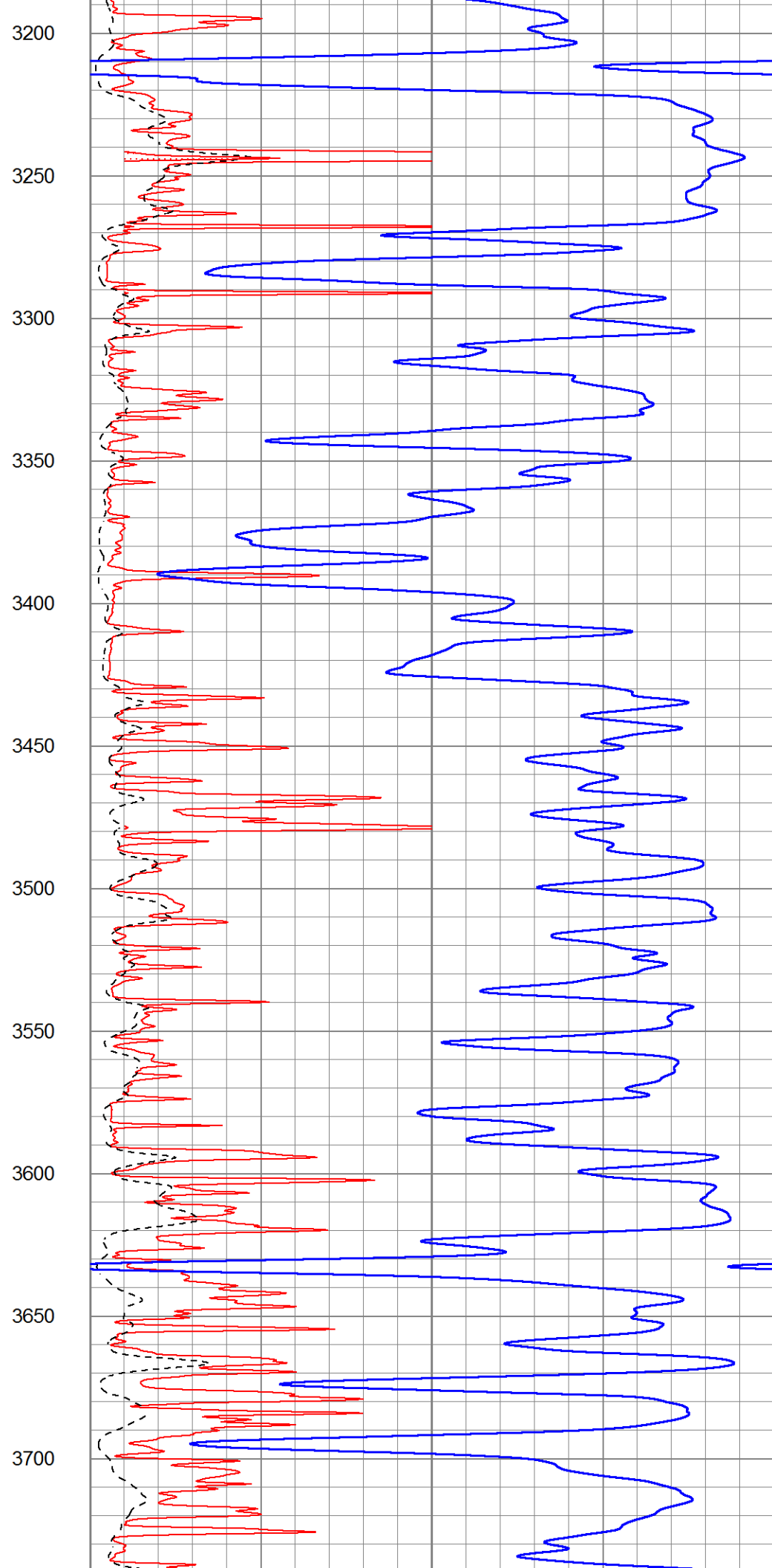
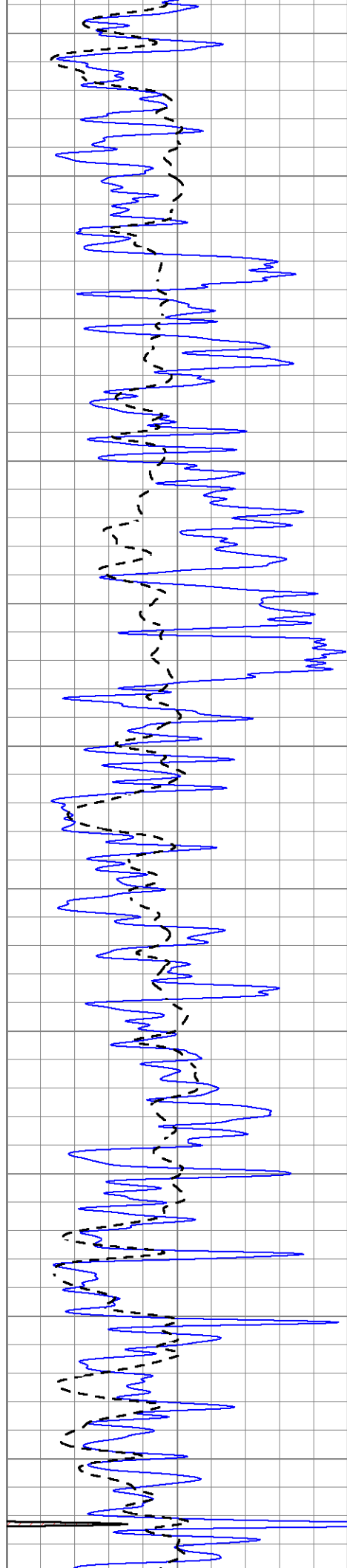


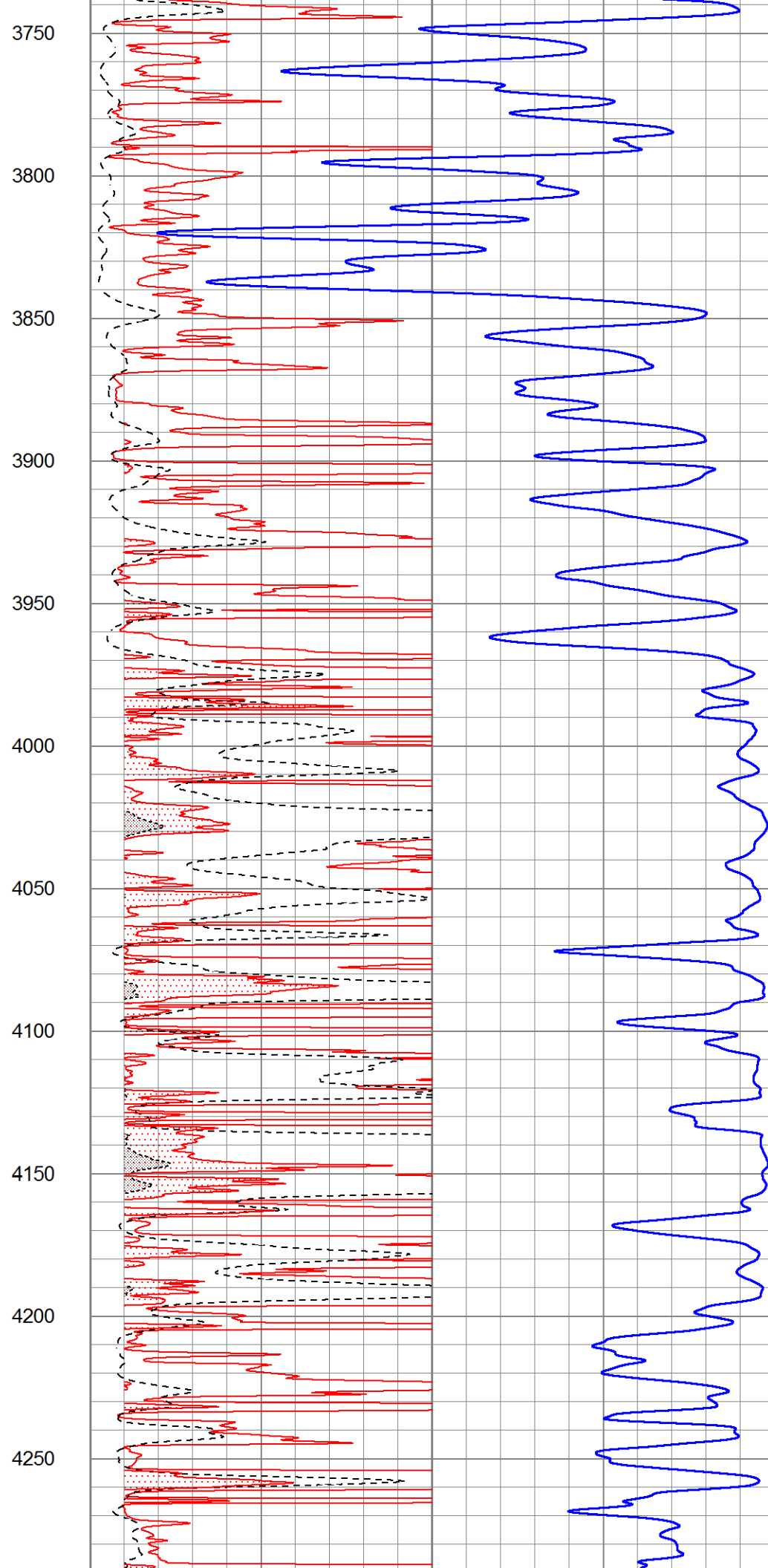
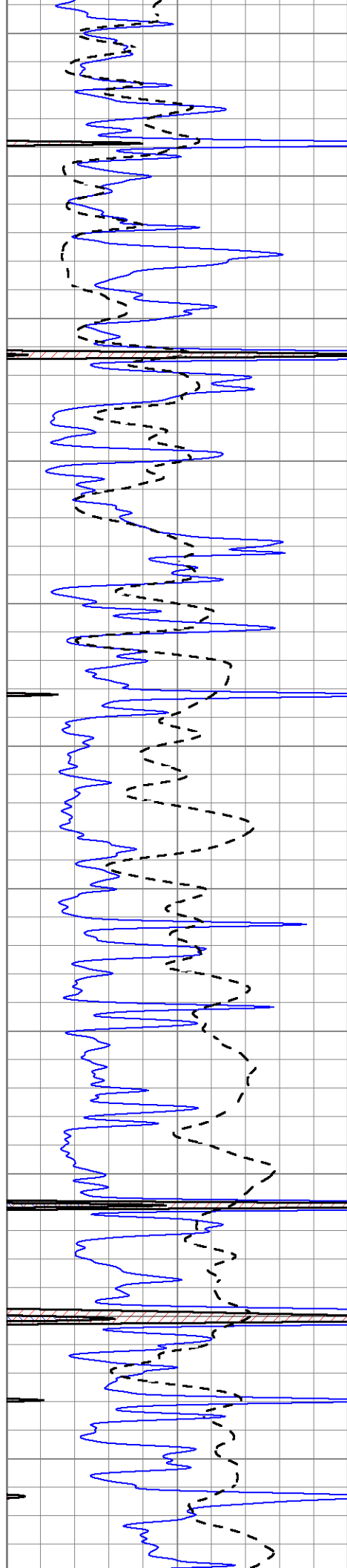


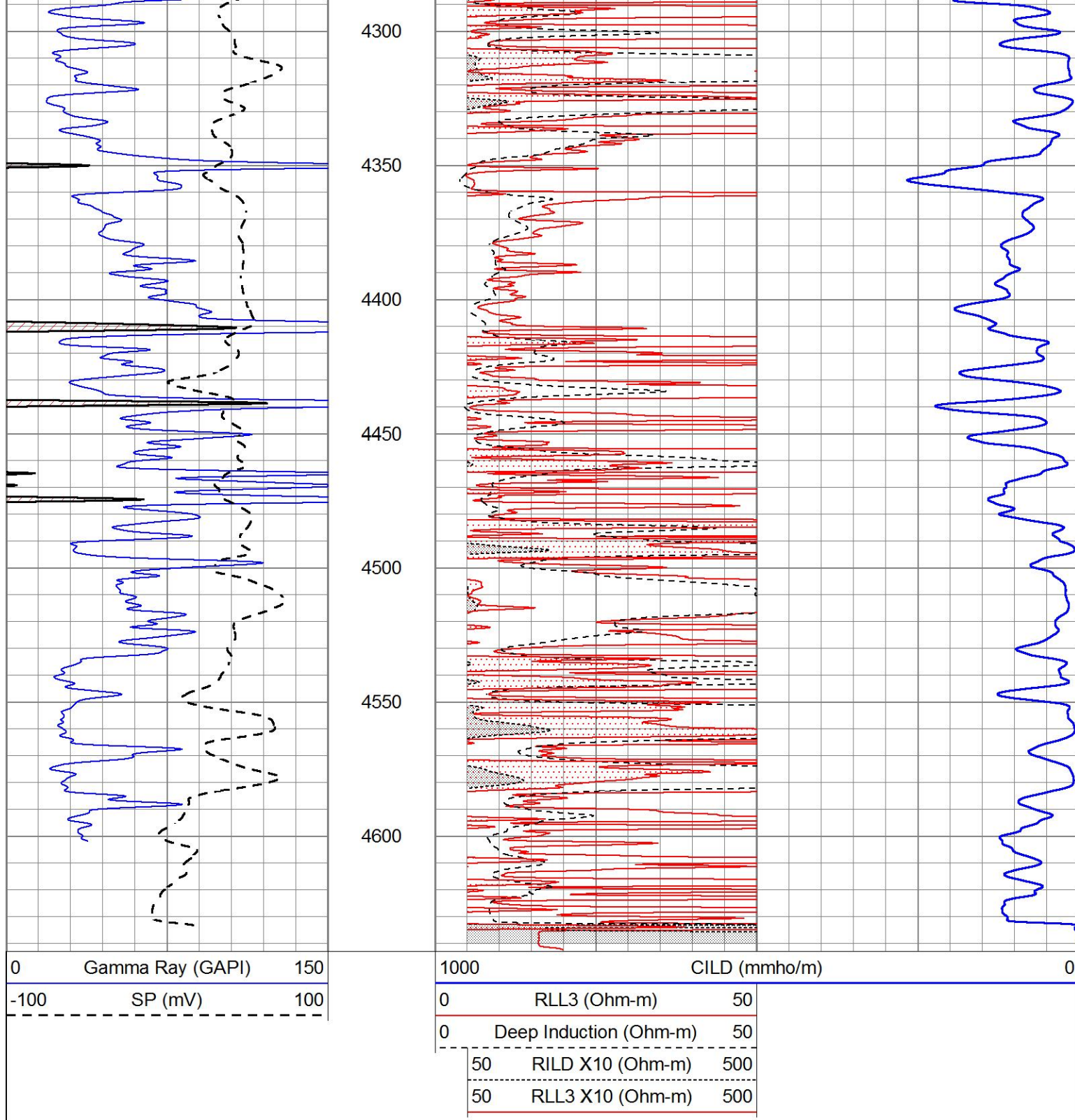












ANHYDRITE

Database File 5865ddn.db
 Dataset Pathname pass3.2
 Presentation Format _dil
 Dataset Creation Thu Oct 21 23:27:43 2021
 Charted by Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	0.2	SHALLOW GUARD (Ohm-m)	2000
-100	SP (mV)	100	0.2	MEDIUM INDUCTION (Ohm-m)	2000

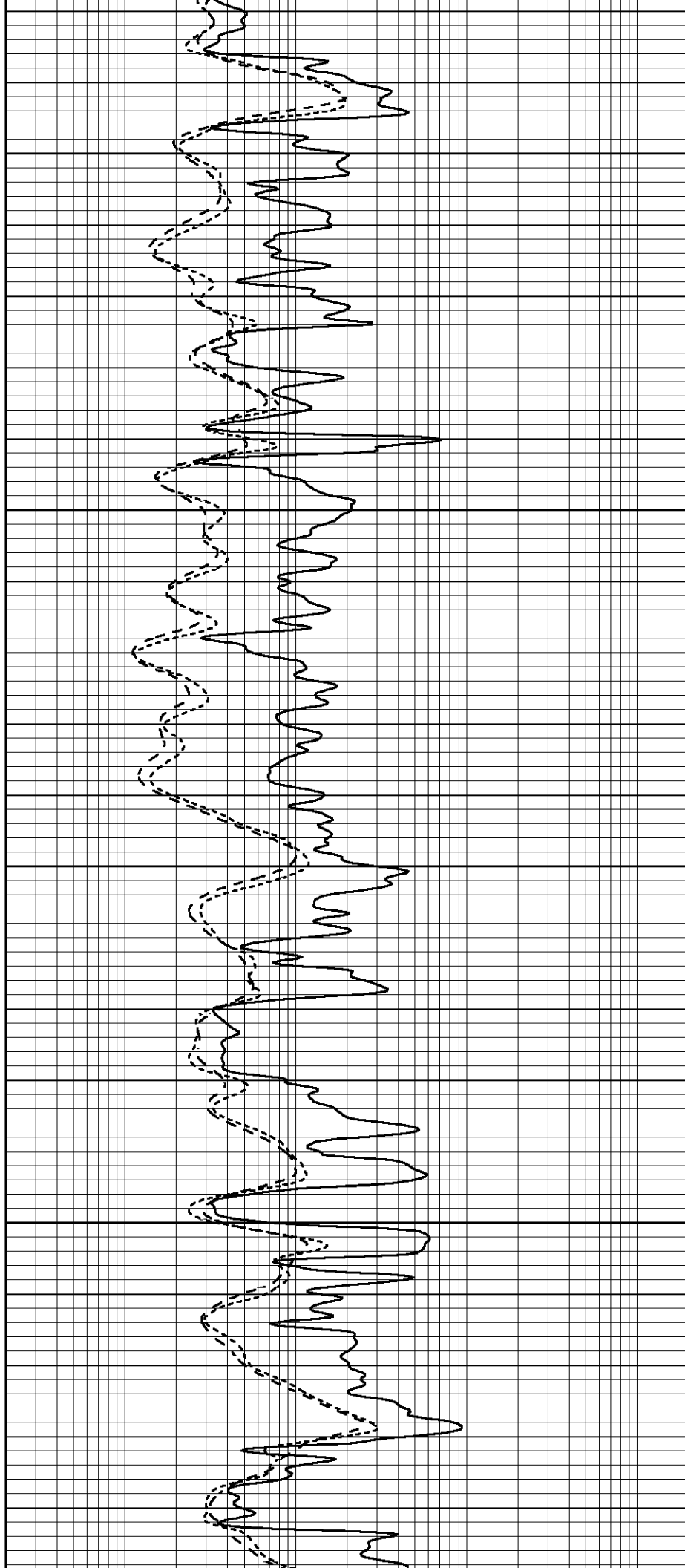


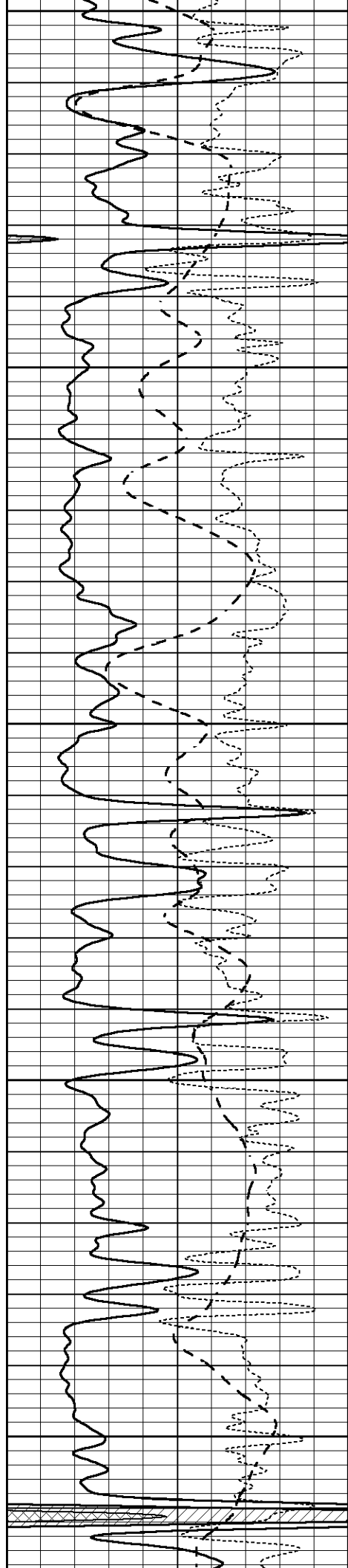
3750

3800

3850

3900





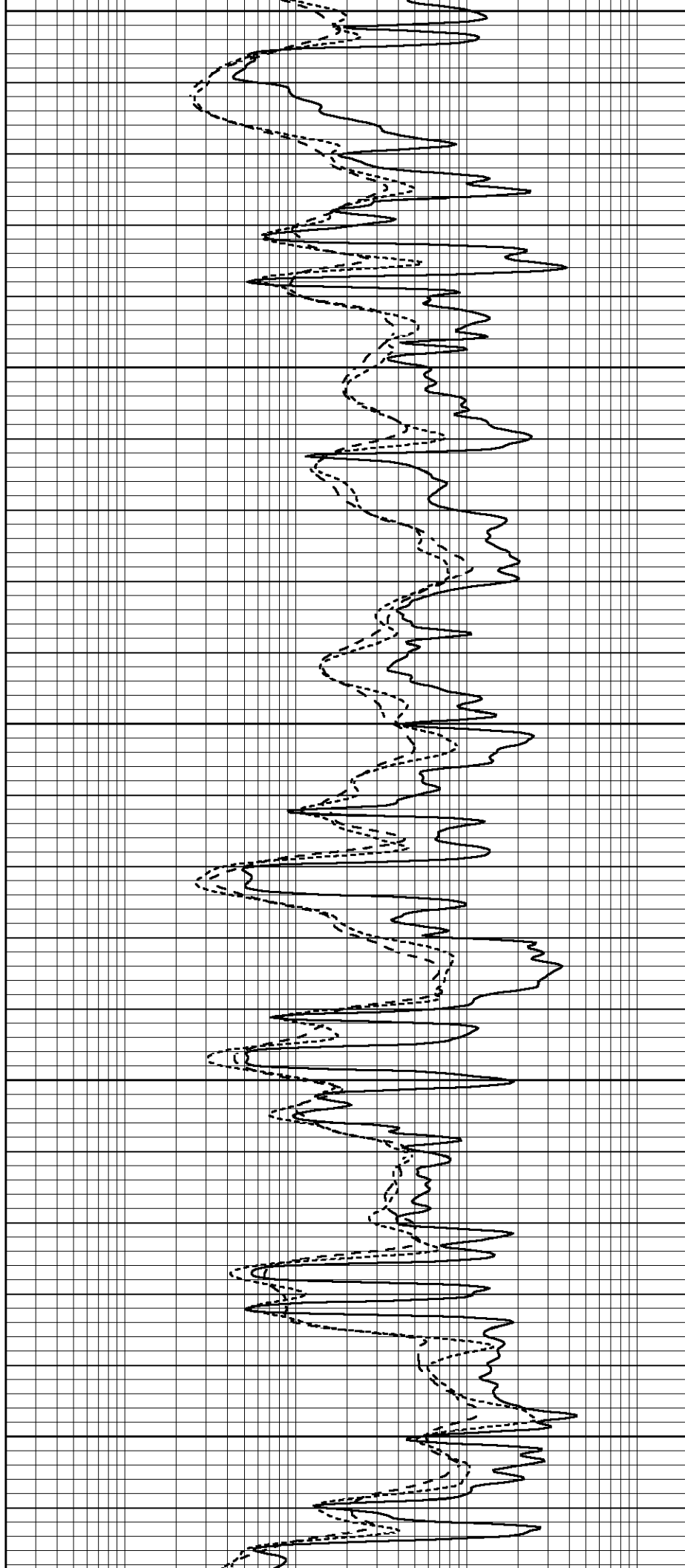
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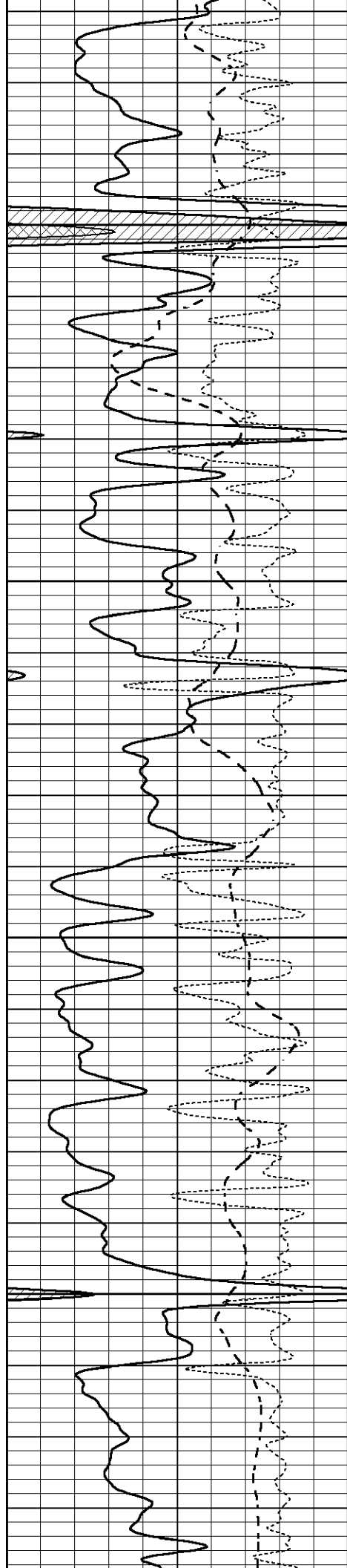
4000

4050

4100

4150



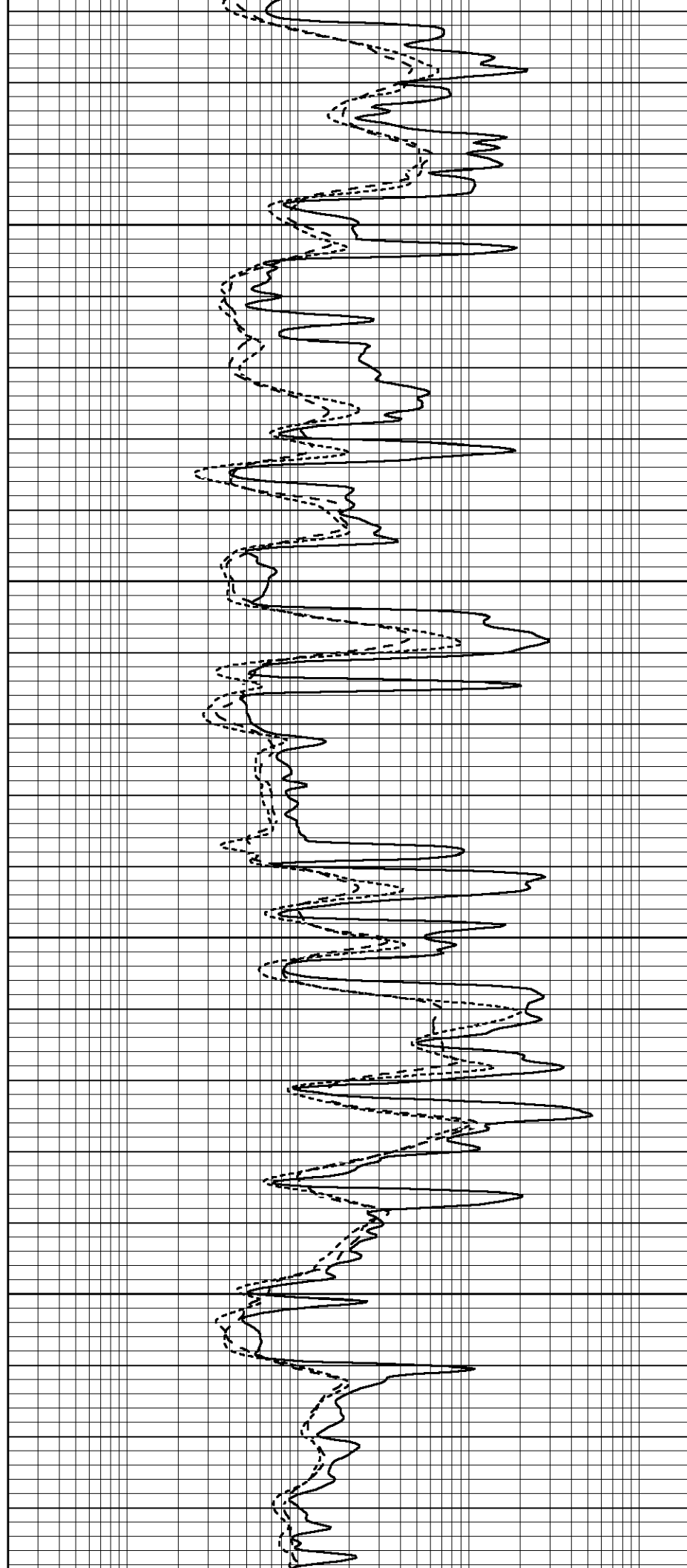


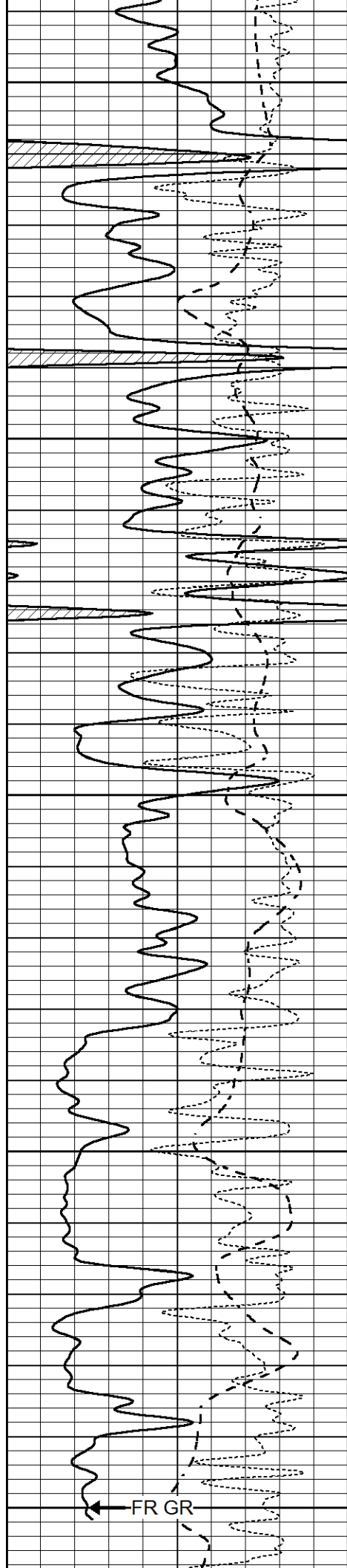
4200

4250

4300

4350





4400

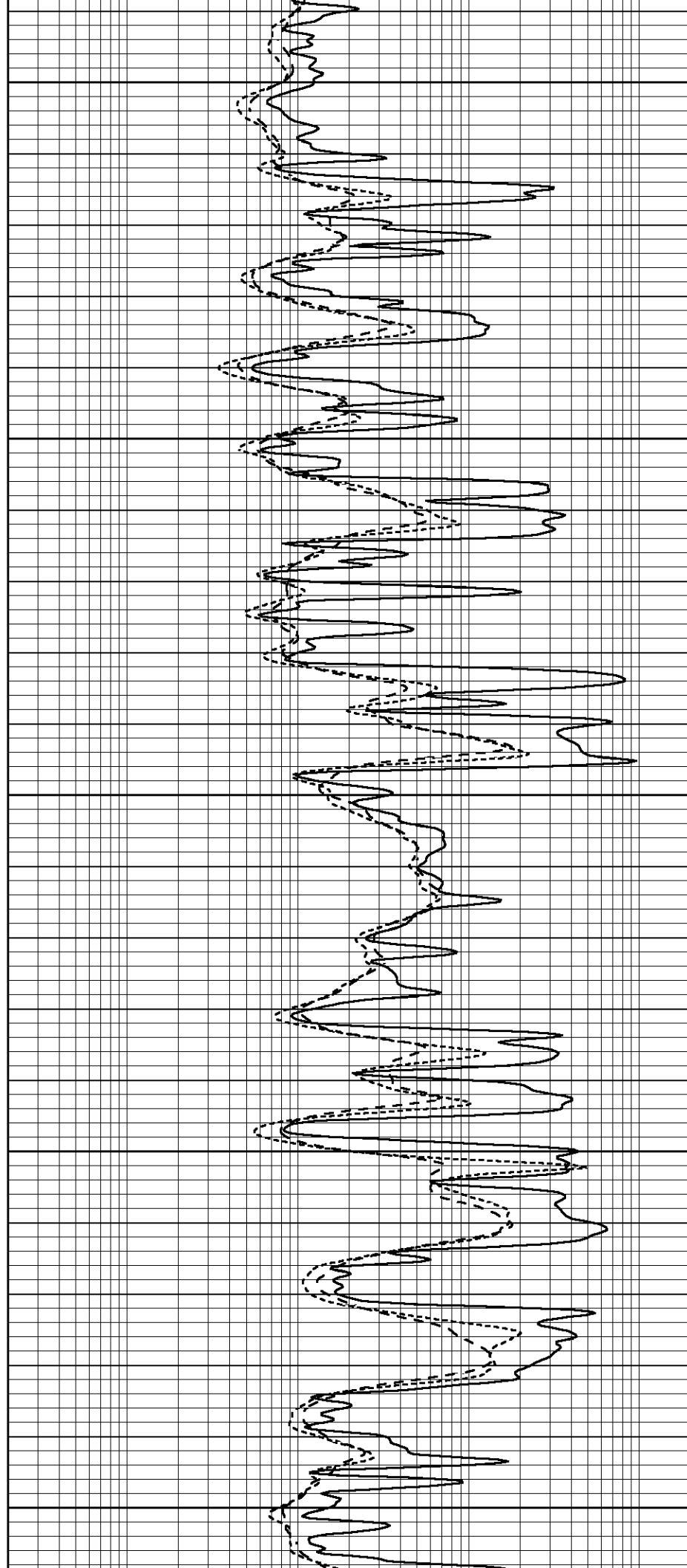
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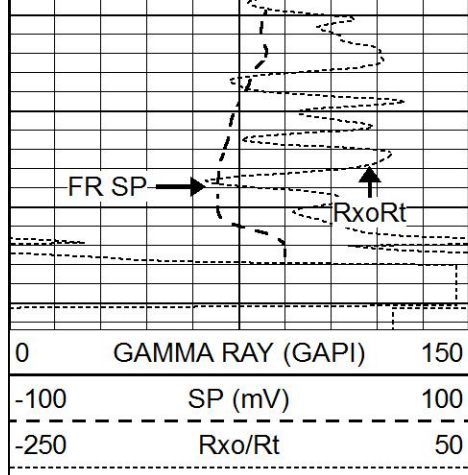
4500

4550

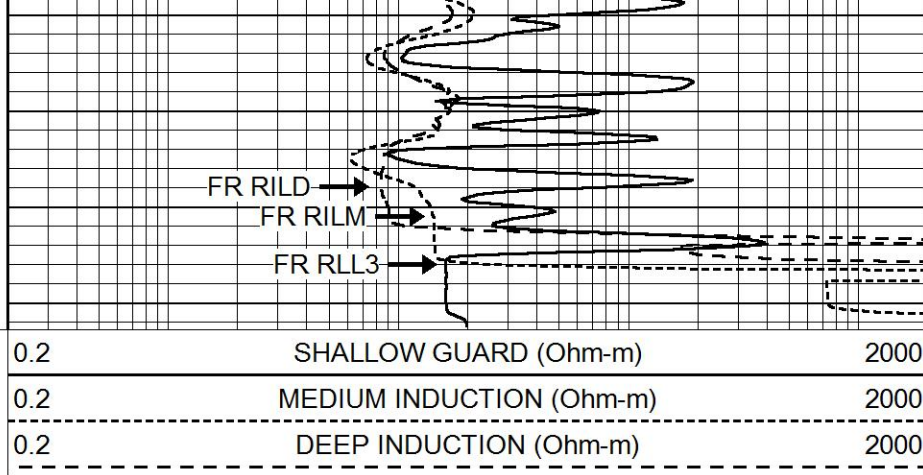
4600

FR GR



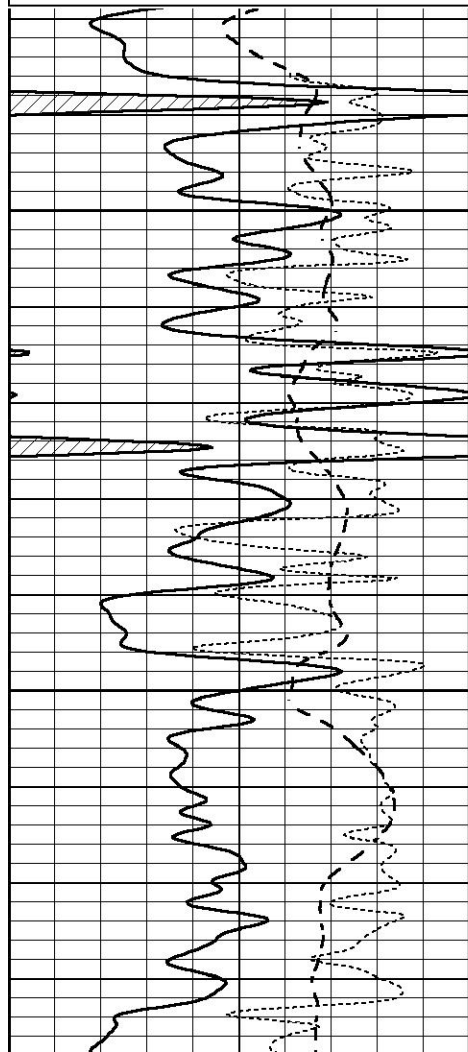
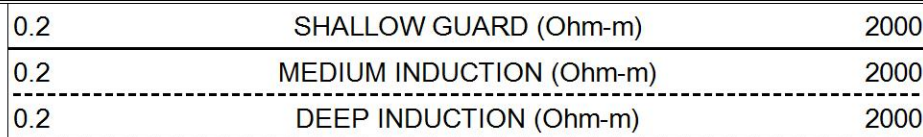
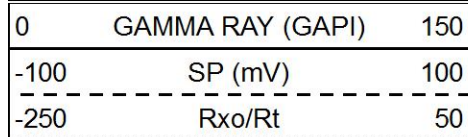


LTD 4638



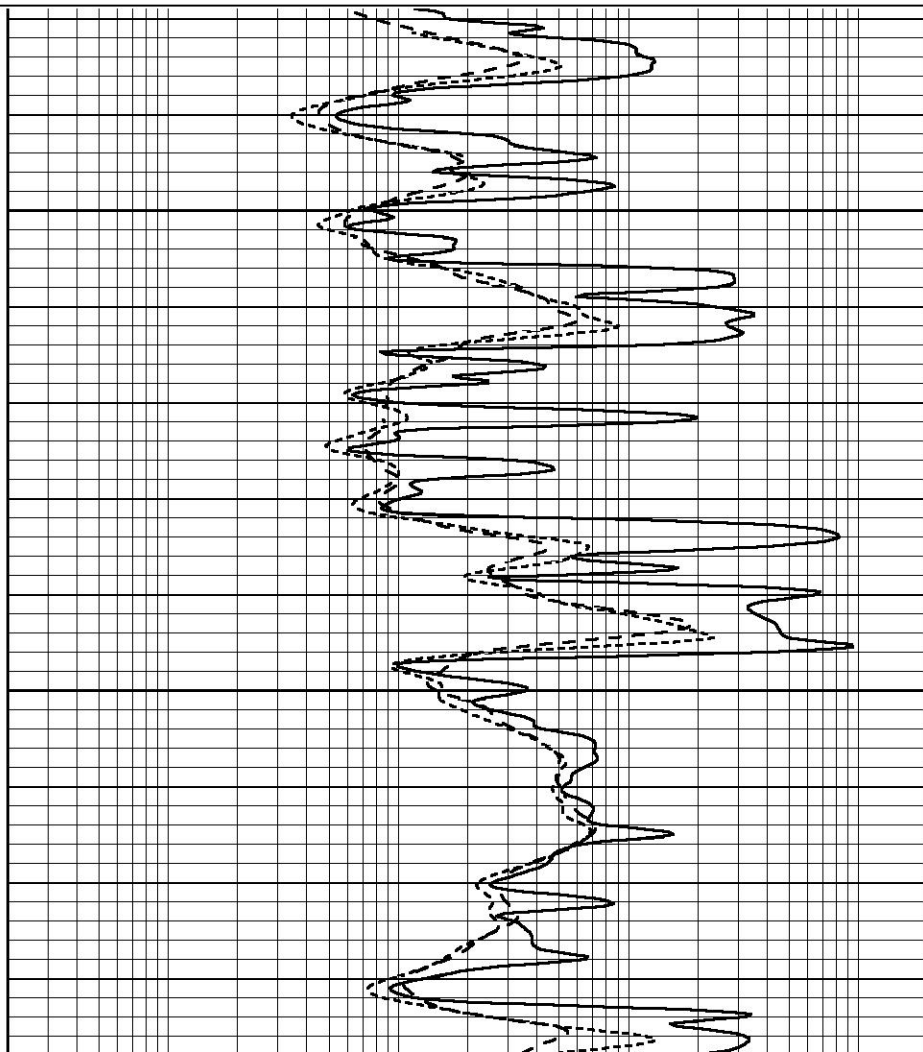
REPEAT SECTION

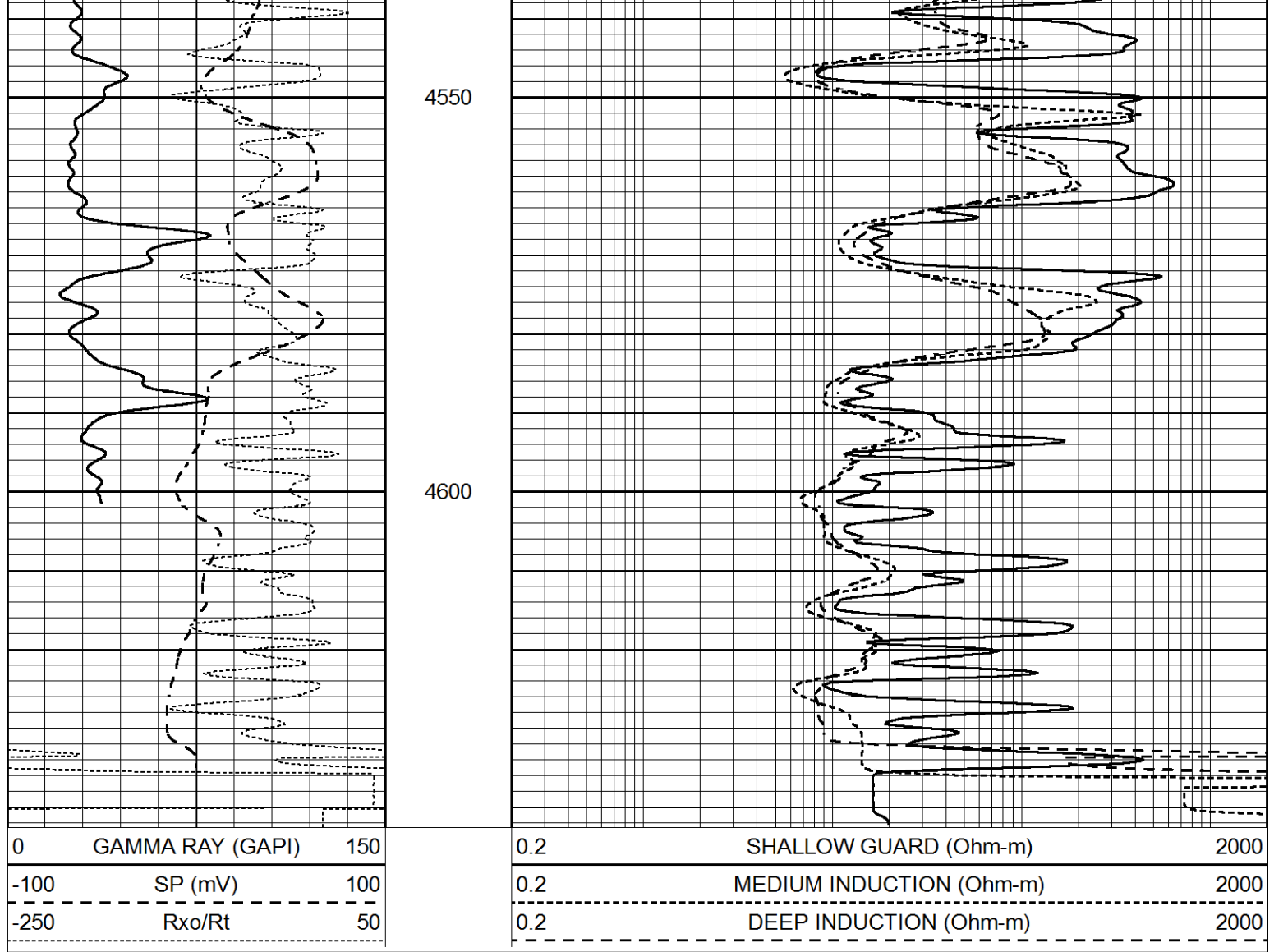
Database File 5865ddn.db
 Dataset Pathname pass2.1
 Presentation Format _dil
 Dataset Creation Thu Oct 21 23:06:30 2021
 Charted by Depth in Feet scaled 1:240



4450

4500





Calibration Report									
Database File	5865ddn.db								
Dataset Pathname	pass2.1								
Dataset Creation	Thu Oct 21 23:06:30 2021								
Dual Induction Calibration Report									
Serial-Model:					FW1410-55-Probe				
Surface Cal Performed:					Tue Feb 19 11:44:18 2019				
Downhole Cal Performed:					Tue Feb 19 11:44:24 2019				
After Survey Verification Performed:					Tue Feb 19 11:44:27 2019				
Surface Calibration									
		Readings			References			Results	
Loop:	Air	Loop			Air	Loop		m	b
Deep	0.011	0.656	V		1.000	400.000	mmho/m	618.595	-5.524
Medium	-0.000	0.731	V		1.000	464.000	mmho/m	632.856	1.197
Internal:	Zero	Cal			Zero	Cal		m	b
Deep	0.007	0.649	V		0.000	400.000	mmho/m	623.784	-4.595
Medium	0.004	0.743	V		0.000	464.000	mmho/m	627.284	-2.251
Downhole Calibration									
		Readings			References			Results	
	Zero	Cal			Zero	Cal		m'	b'

	Zero	Cal		Zero	Cal		m'	b'
Deep	-0.824	395.917	mmho/m	-0.976	397.550	mmho/m	1.004	-0.149
Medium	3.565	471.327	mmho/m	3.468	471.590	mmho/m	1.001	-0.099
LL3		7.503	V		1500.000	Ohm-m		
		0.001	V		20.000	Ohm-m		
		-7.481	V		3745.000	mmho-m		
After Survey Verification								
	Readings			Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	-0.824	395.917	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	3.565	471.327	mmho/m	1.000	0.000
LL3		0.000	Ohm-m		1500.000	Ohm-m		
		0.000	Ohm-m		20.000	Ohm-m		
		0.000	mmho-m		3745.000	mmho-m		
Litho Density Calibration Report								
Serial: 140703								
Model: V4_10P								
Source Number: 74GBq-19								
Master Calibration					Performed: Wed Dec 02 12:04:44 2020			
	Background	Aluminum	Magnesium					
Window 1	595.38	5386.50	23898.92	cps				
Window 2	52.78	1248.21	5993.75	cps				
Window 4	251.36	1200.30	5155.55	cps				
Window 5	545.15	9066.30	17240.12	cps				
Window 6	43.35	1491.73	2929.24	cps				
Window 8	258.76	2917.82	5450.26	cps				
Bulk Density	-	2.6020	1.6830	g/cc				
Pe	-	3.0000	2.5070	b/e				
LS Alpha:	: -1.8726	SS Alpha:	: -0.7656	LS CPE:	: 1.0742			
LS Beta:	: 127345.0723	SS Beta:	: 20293.3834	SS CPE:	: 1.5427			
Before Survey Background Counts Verification					Performed: Wed Dec 31 18:00:00 1969			
Window 1	0.00	cps						
Window 2	0.00	cps						
Window 4	0.00	cps						
Window 5	0.00	cps						
Window 6	0.00	cps						
Window 8	0.00	cps						
After Survey Background Counts Verification					Performed: Wed Dec 31 18:00:00 1969			
Window 1	0.00	cps						
Window 2	0.00	cps						
Window 4	0.00	cps						
Window 5	0.00	cps						
Window 6	0.00	cps						
Window 8	0.00	cps						
Lithodensity Caliper Calibration					Performed: Wed Dec 02 12:04:44 2020			
Results	Readings		References (in)					
Low	High	Low	High		Gain	Offset		

10178.8	13388.4	8.0	14.0	0.0	-10.7
Before Survey Caliper Verification		Performed:			
	Reference	Reading			
Caliper (in)	_____	_____			
After Survey Caliper Verification		Performed:			
	Reference	Reading			
Caliper (in)	_____	_____			
Compensated Neutron Calibration Report					
		Serial Number:	080621PMC		
		Tool Model:	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:		7			
Tool Model:		Probe1			
Performed:		Tue Jan 19 17:50:08 2021			
Calibrator Value:		1.0	GAPI		
Background Reading:		0.0	cps		
Calibrator Reading:		1.0	cps		
Sensitivity:		0.5300	GAPI/cps		