



DUAL INDUCTION LOG

Company VINCENT OIL CORPORATION

Well LIX #1-8

Field

County FORD

State KANSAS

Location: API #: 15-057-21056-0000

1874' FNL & 1895' FEL

SEC 8 TWP 26S RGE 24W

Permanent Datum GROUND LEVEL Elevation 2532
Log Measured From KELLY BUSHING 12' A.G.L.
Drilling Measured From KELLY BUSHING

Other Services
CDL/CNL/PE
MEL/SON

Elevation

K.B. 2544
D.F. 2542
G.L. 2532

Date 9/23/21

Run Number ONE

Depth Driller 5070

Depth Logger 5073

Bottom Logged Interval 5071

Top Log Interval 00

Casing Driller 8 5/8" @ 396

Casing Logger 396

Bit Size 7 7/8

Type Fluid in Hole CHEMICAL MUD

Density / Viscosity 9.2/60

pH / Fluid Loss 10.5/8.0

Source of Sample FLOWLINE

Rm @ Meas. Temp 1.10 @ 85F

Rmf @ Meas. Temp 0.82 @ 85F

Rmc @ Meas. Temp 1.32 @ 85F

Source of Rmf / Rmc MEASUREMENT

Rm @ BHT 0.74 @ 126F

Time Circulation Stopped 2 HOURS

Time Logger on Bottom

Maximum Recorded Temperature 126F

Equipment Number 3802

Location HAYS, KANSAS

Recorded By JASON CAPPELLUCCI

Witnessed By TOM DUDGEON

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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

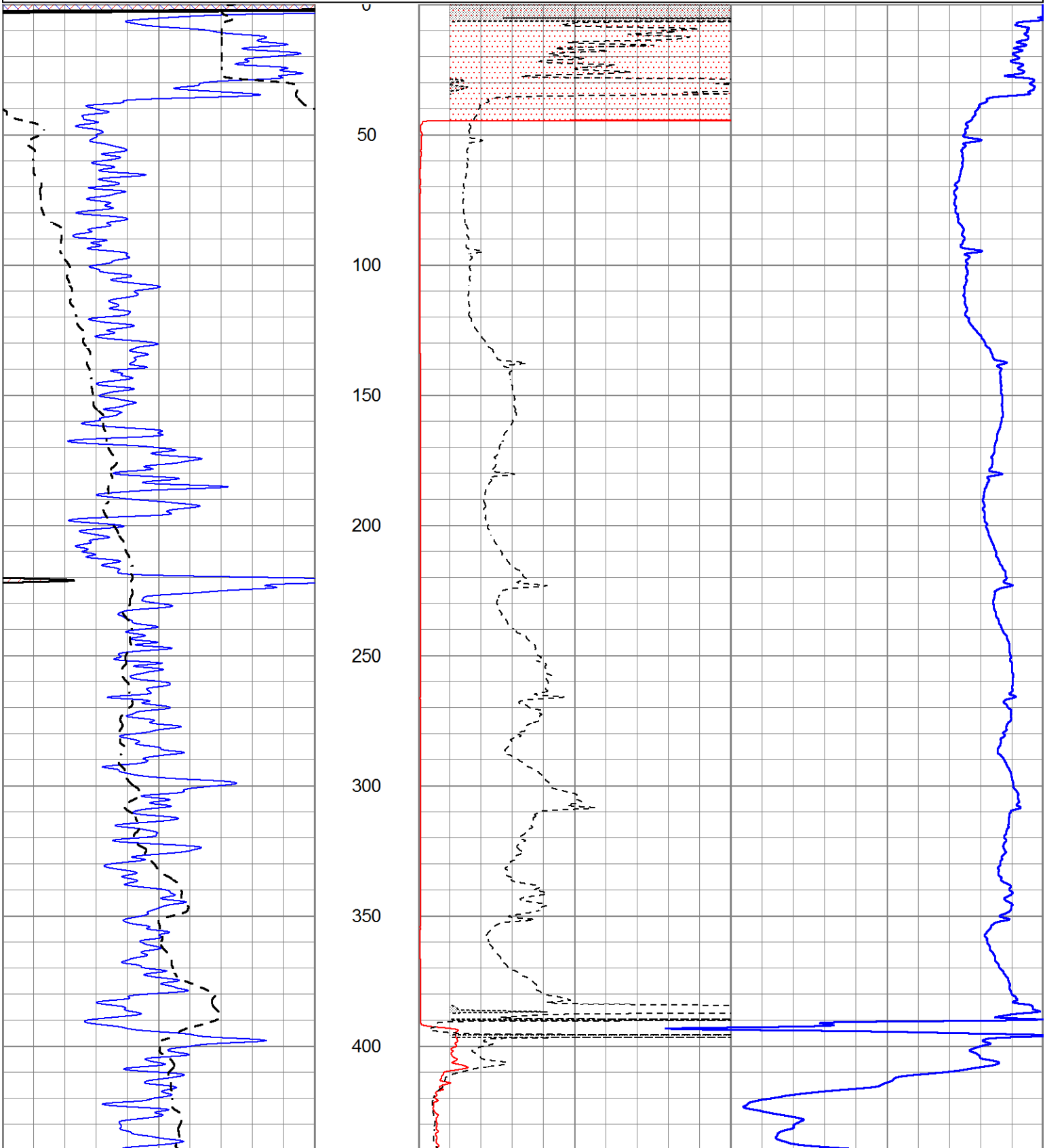
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
WRIGHT, KS. - 3 WEST TO RD. 114 - 1 1/2 NORTH - WEST INTO

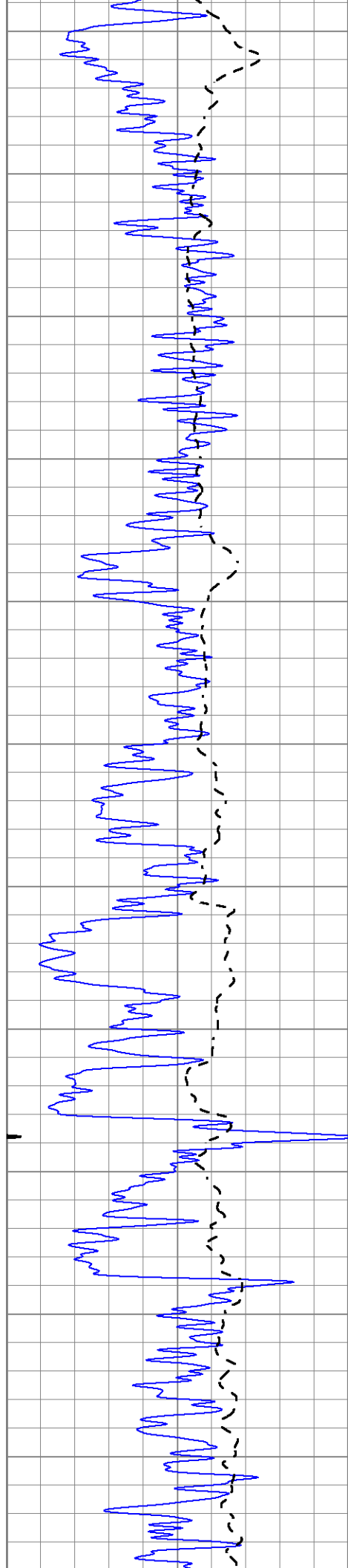
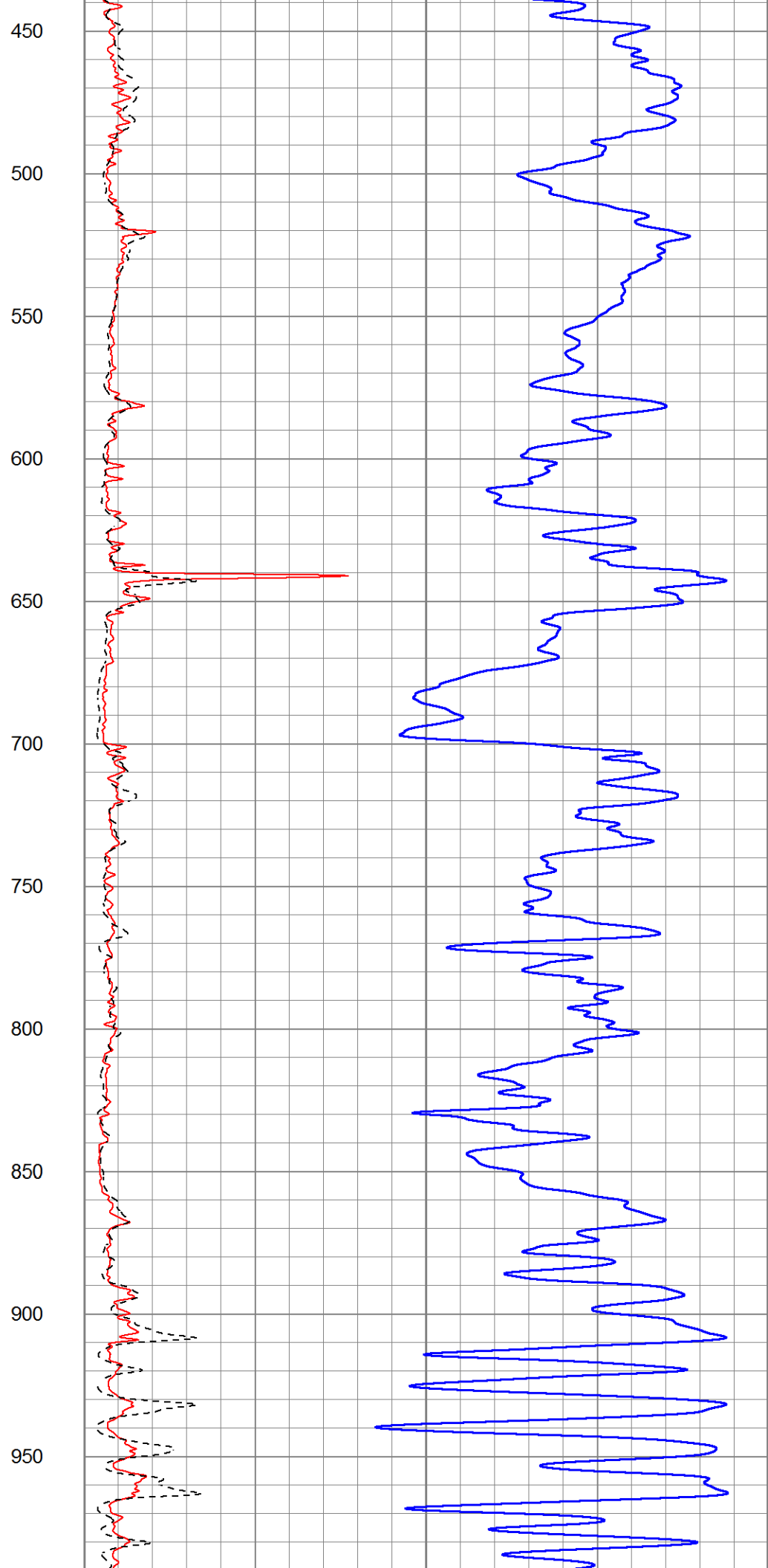


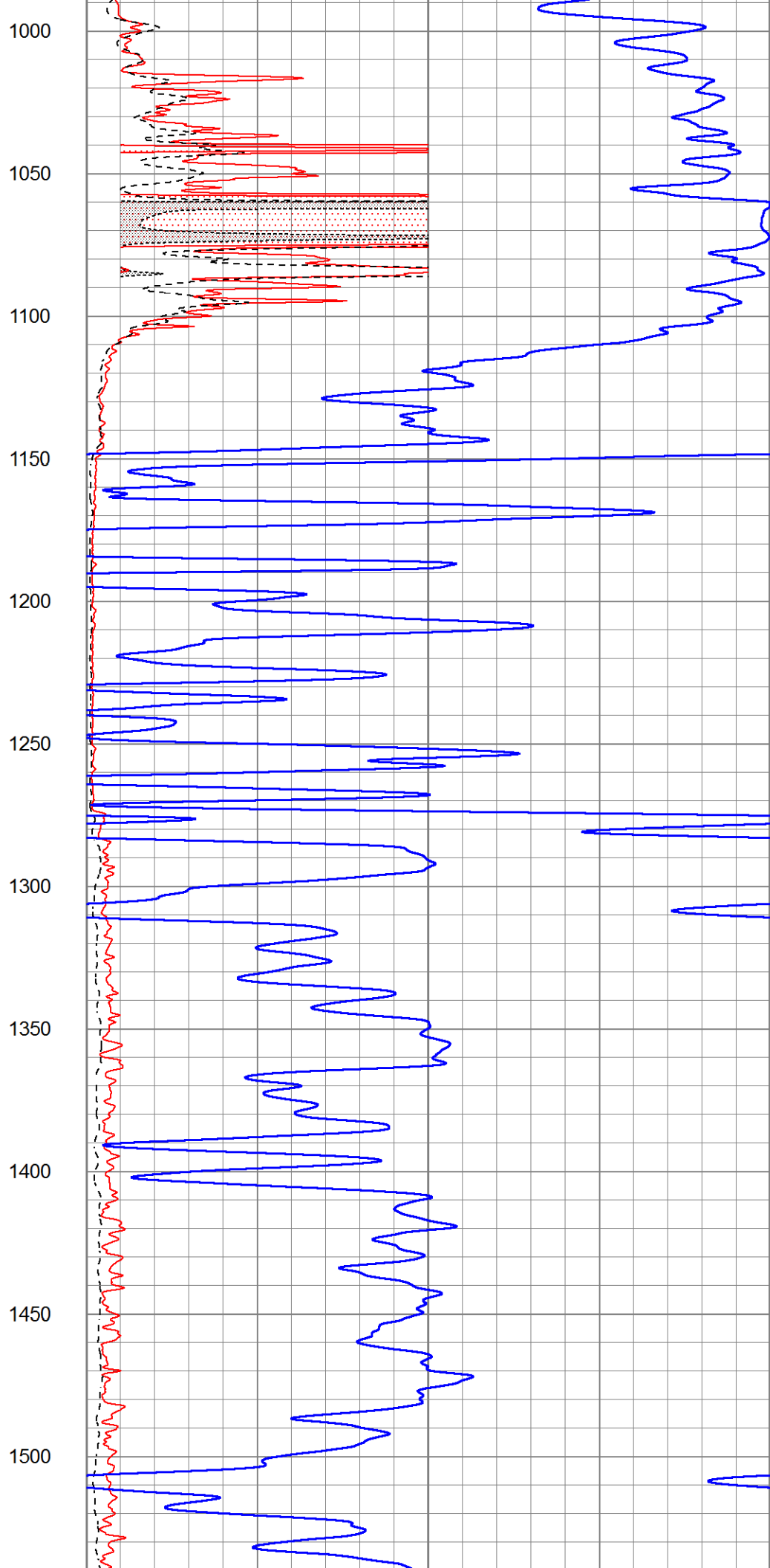
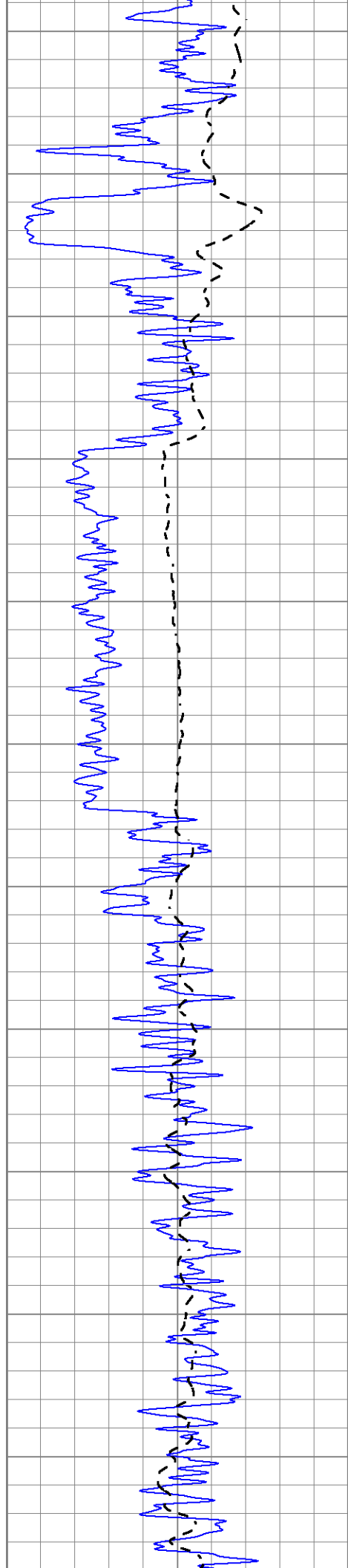
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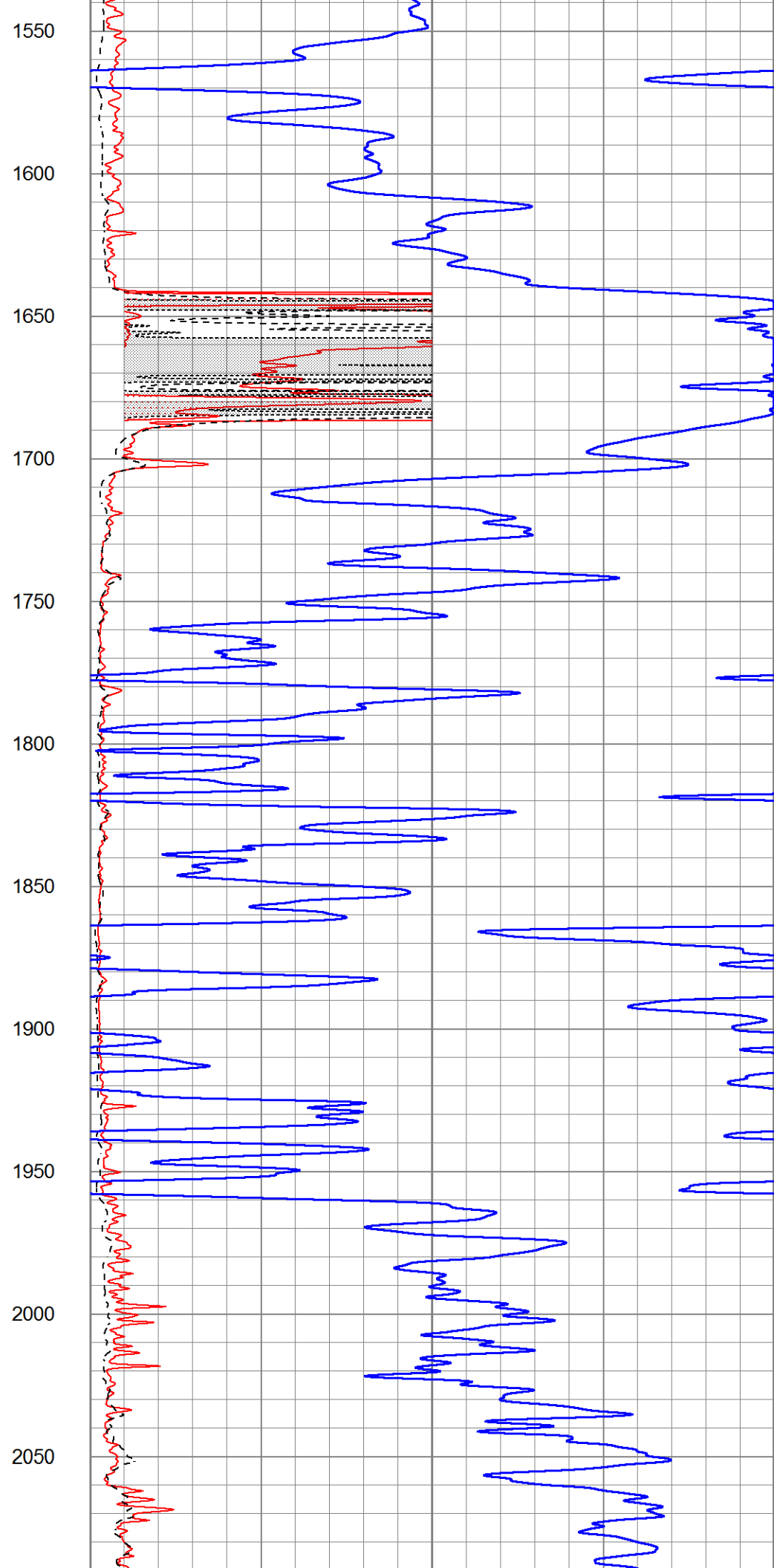
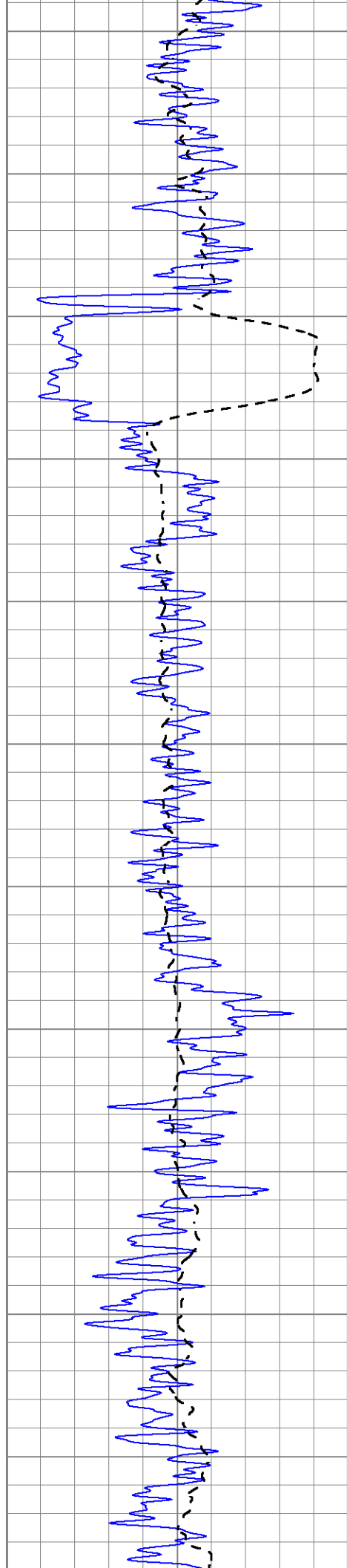
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Dataset Pathname	pass3.2
Presentation Format	_dil2
Dataset Creation	Thu Sep 23 20:26:24 2021
Charted by	Depth in Feet scaled 1:600

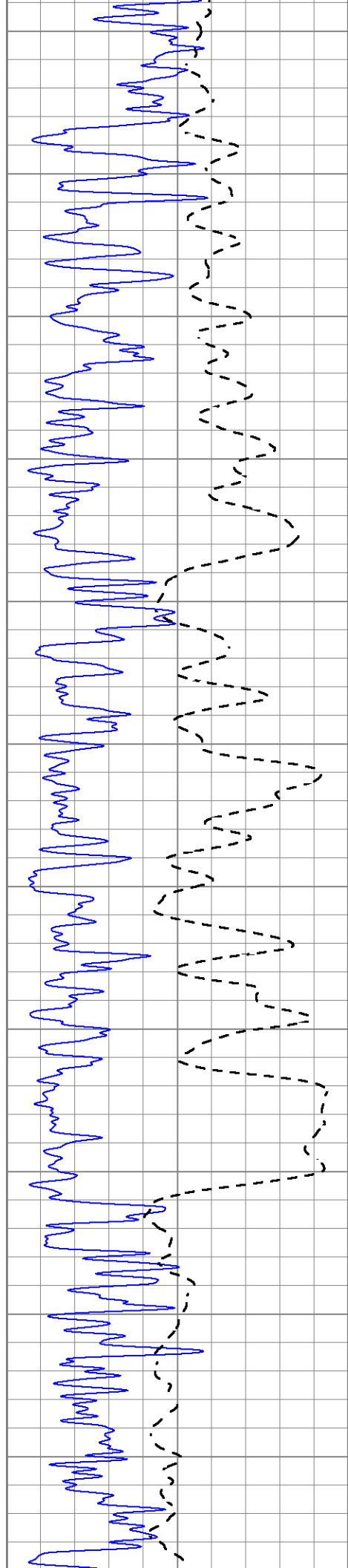
0	Gamma Ray (GAPI)	150	1000	CILD (mmho/m)	0
-100	SP (mV)	100	0	RLL3 (Ohm-m)	50
-----			0	Deep Induction (Ohm-m)	50
			50	RILD X10 (Ohm-m)	500
			50	RLL3 X10 (Ohm-m)	500











2100

2150

2200

2250

2300

2350

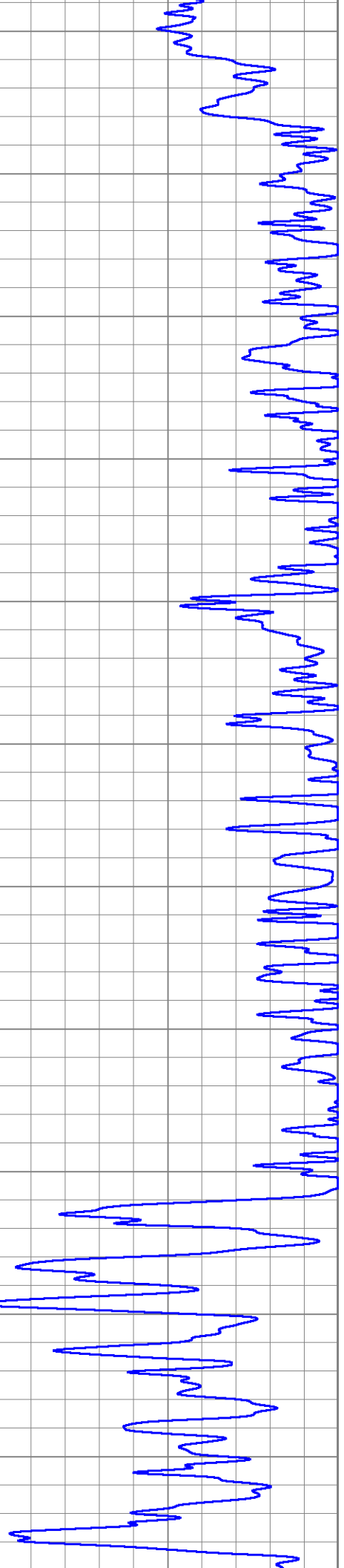
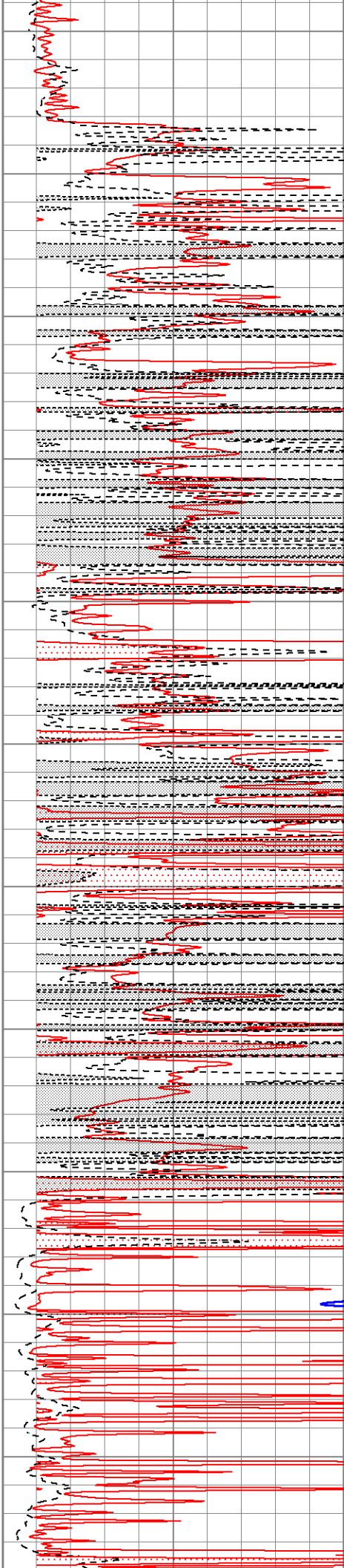
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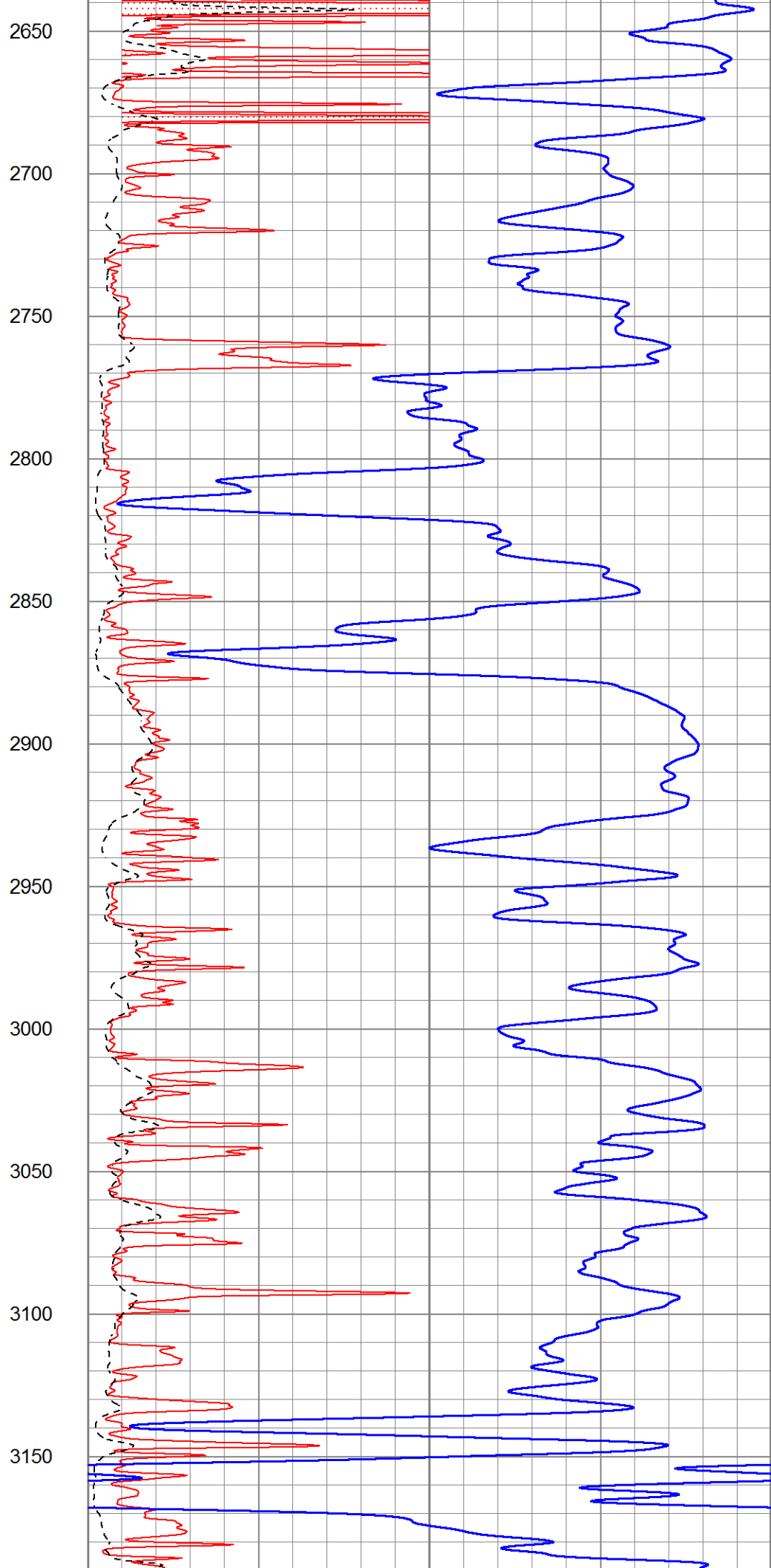
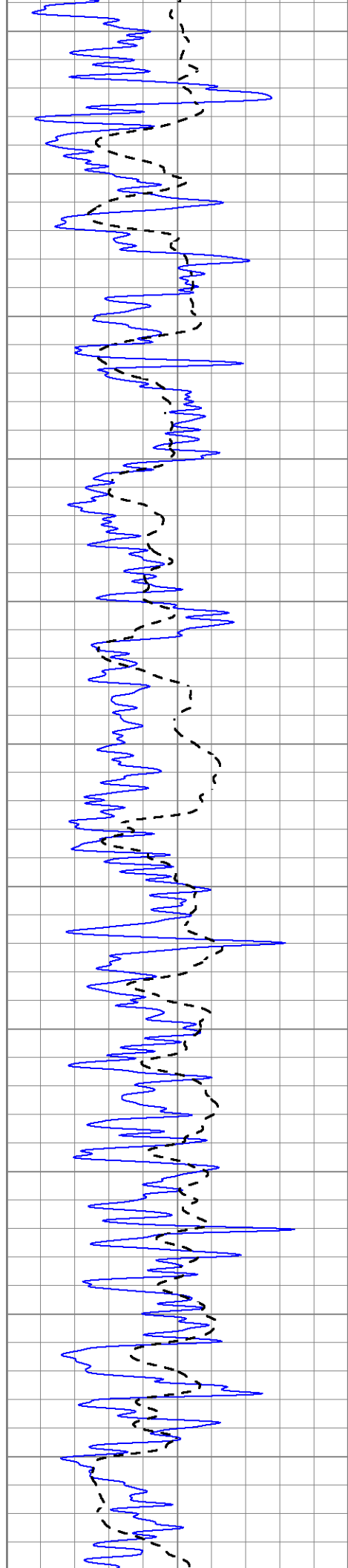
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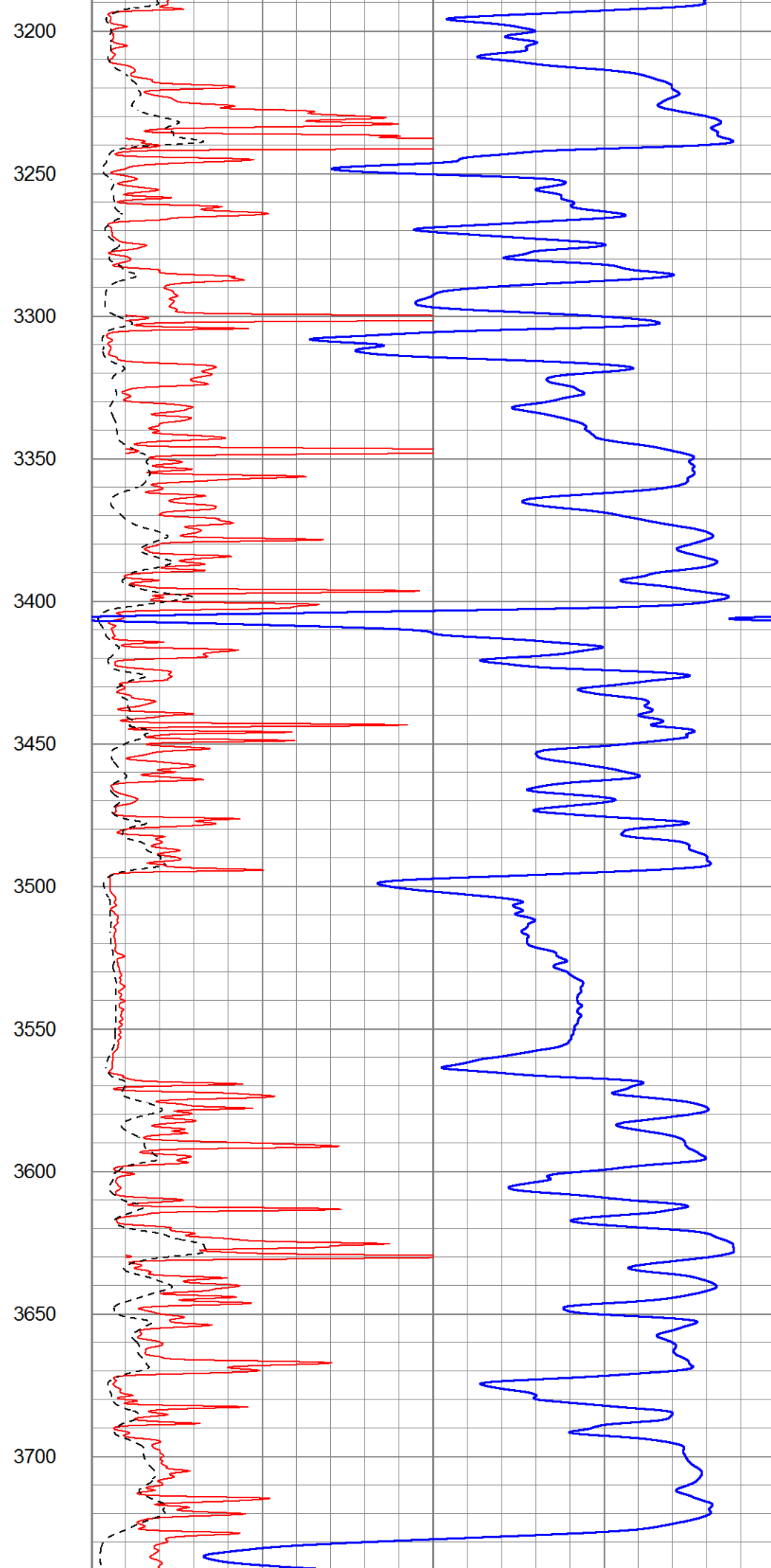
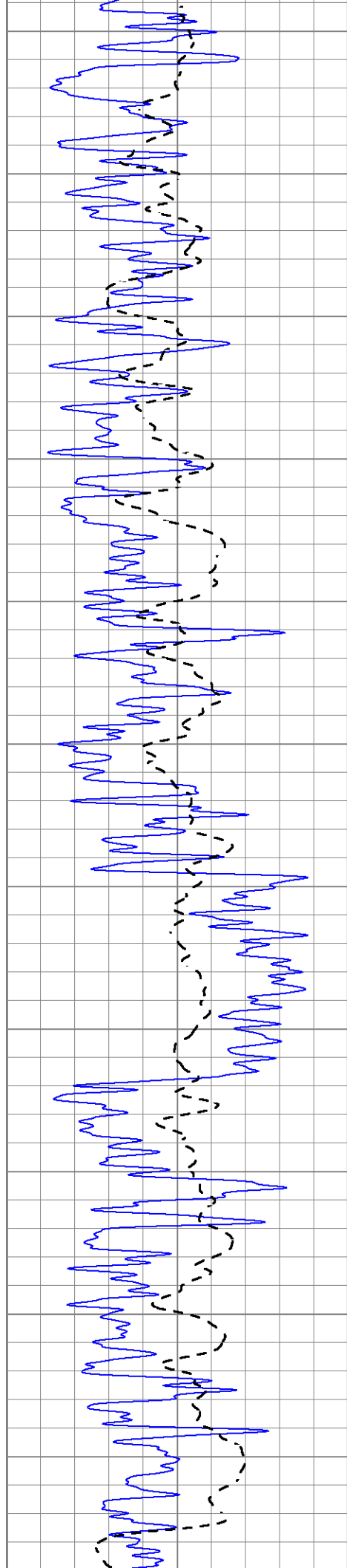
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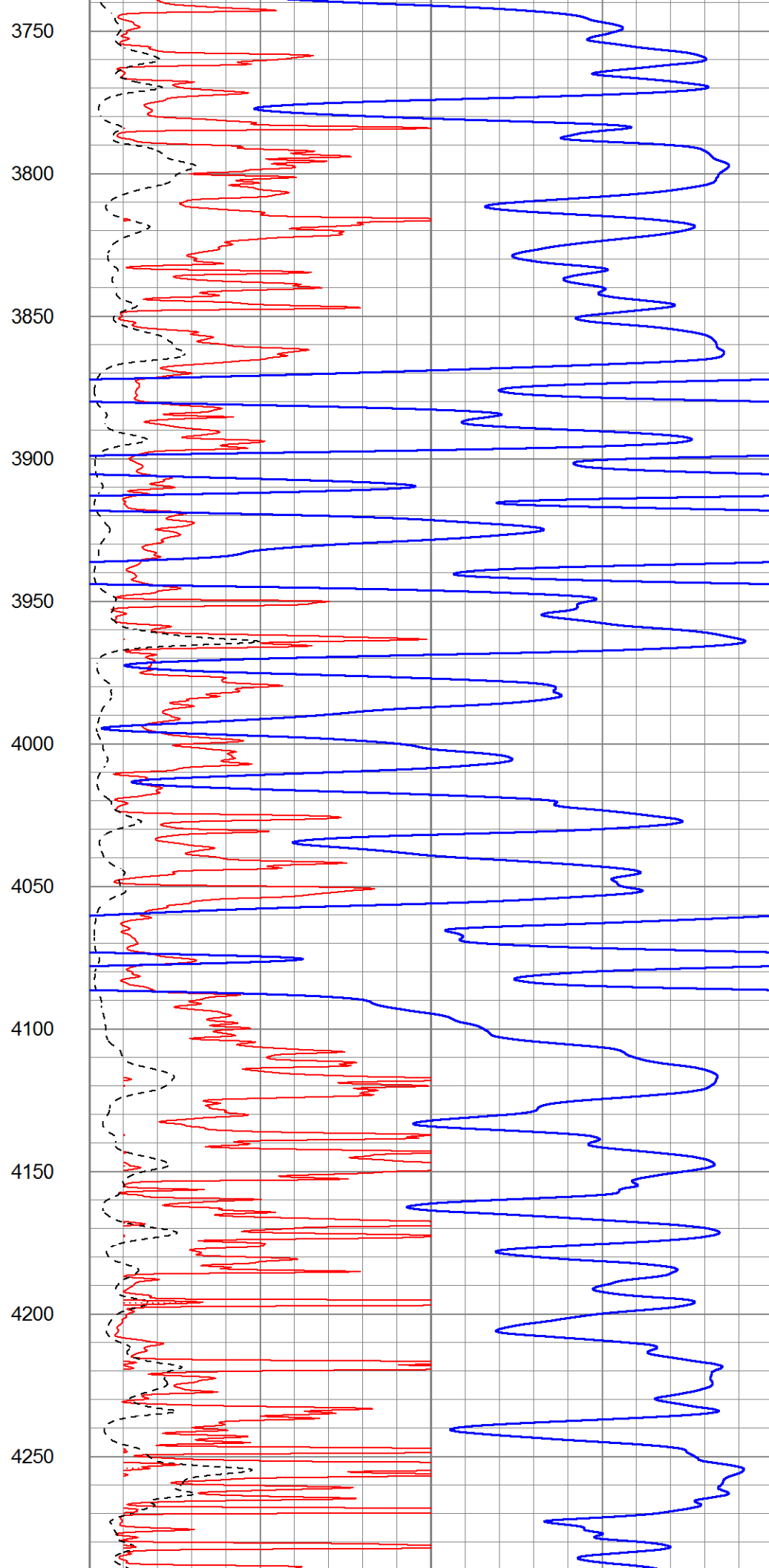
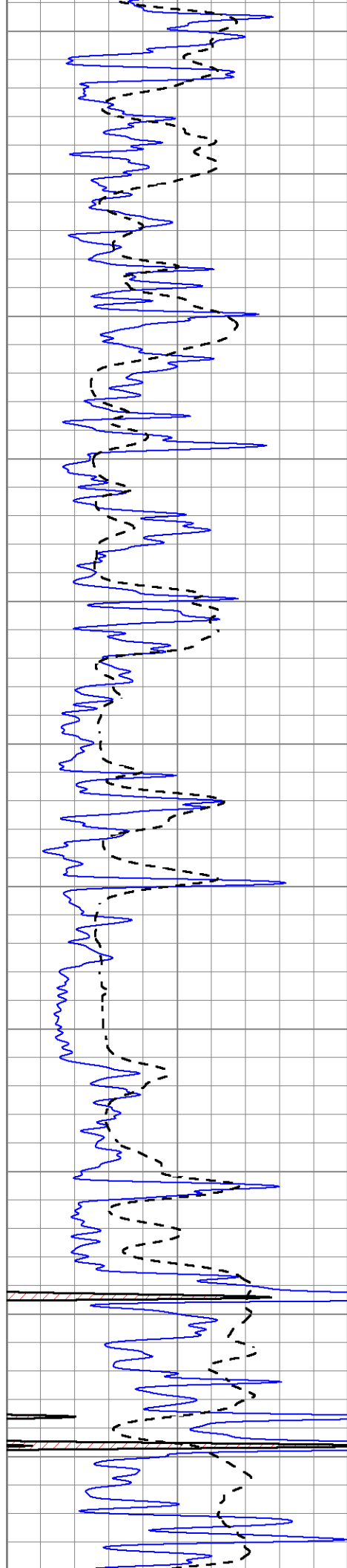
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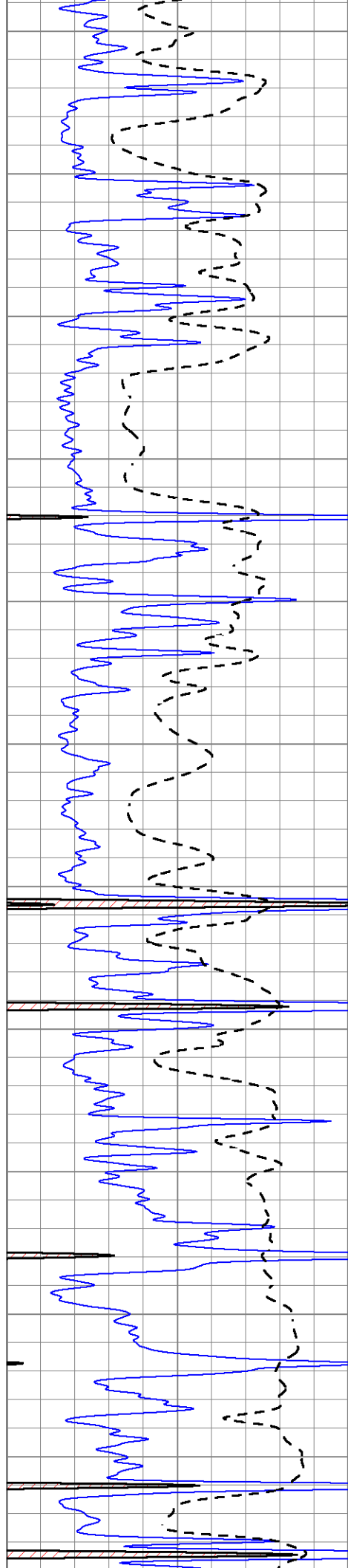
2600











4300

4350

4400

4450

4500

4550

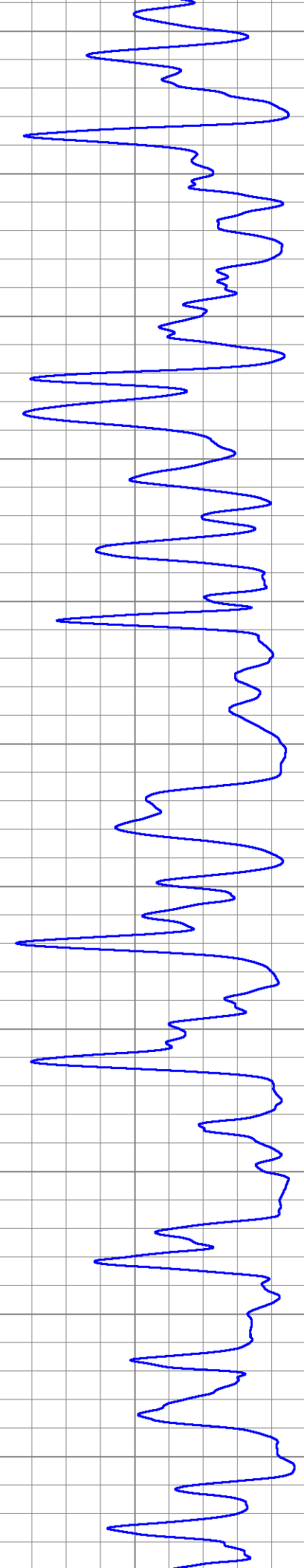
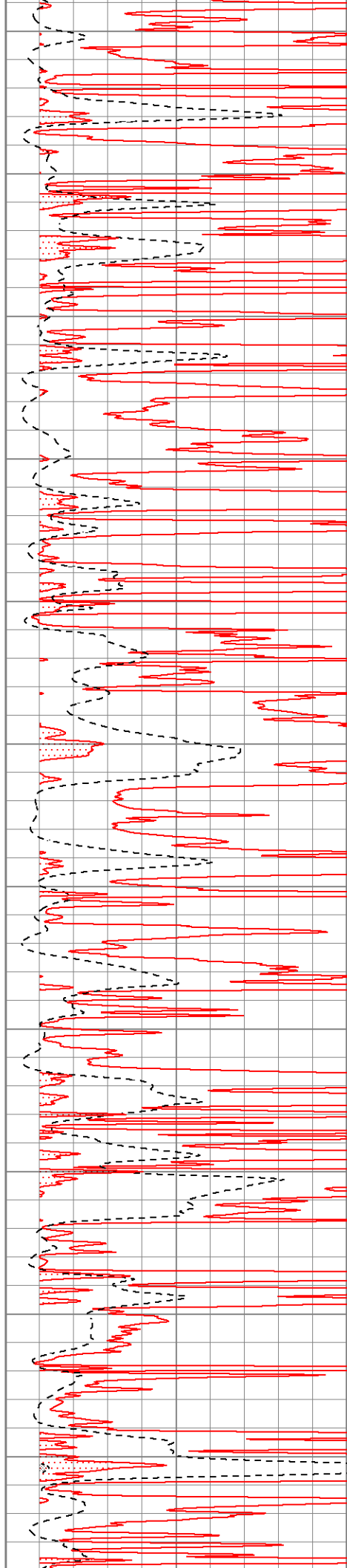
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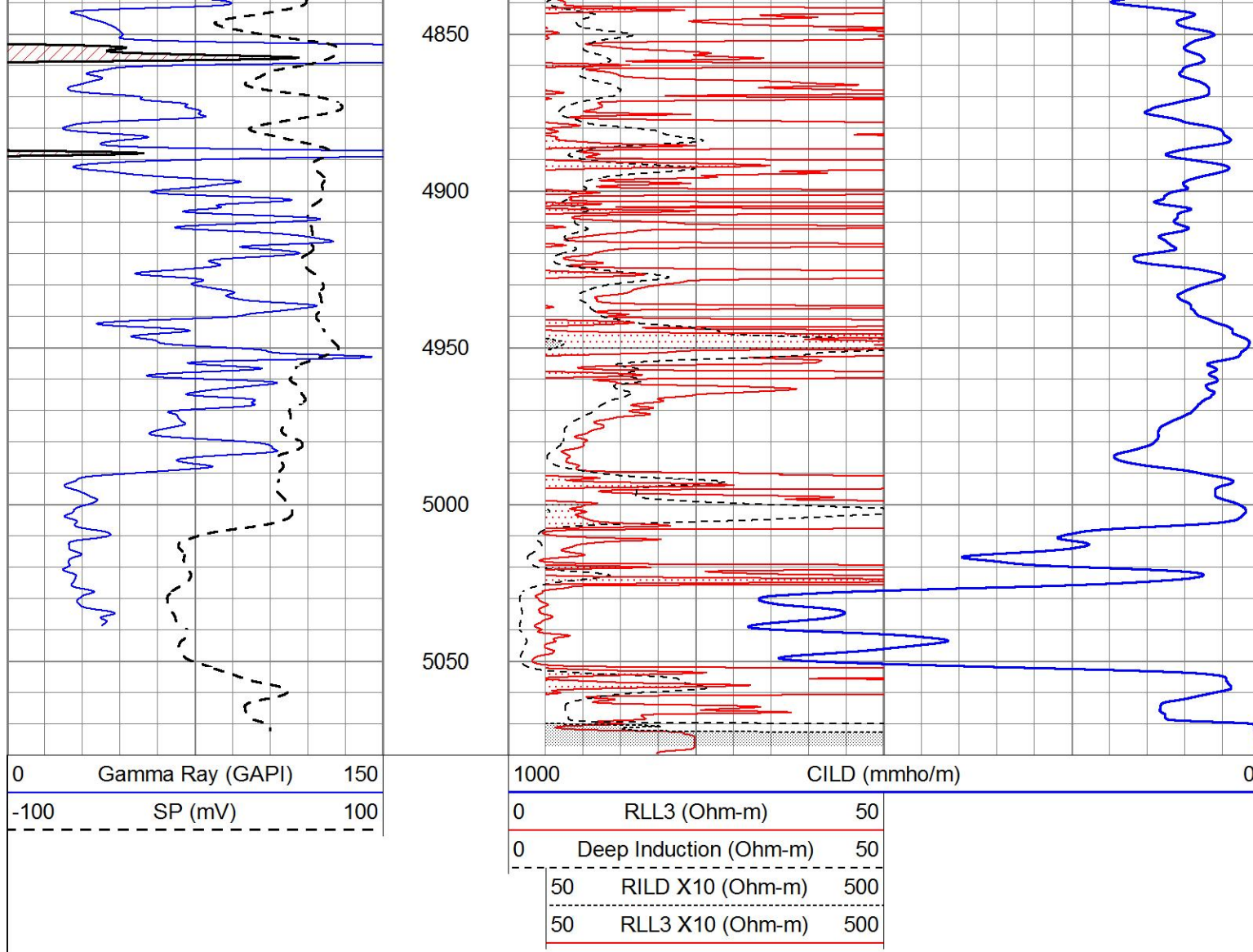
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4700

4750

4800

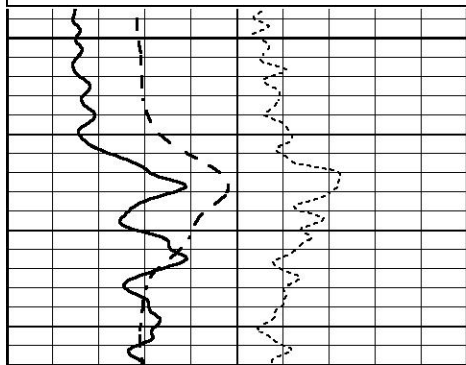




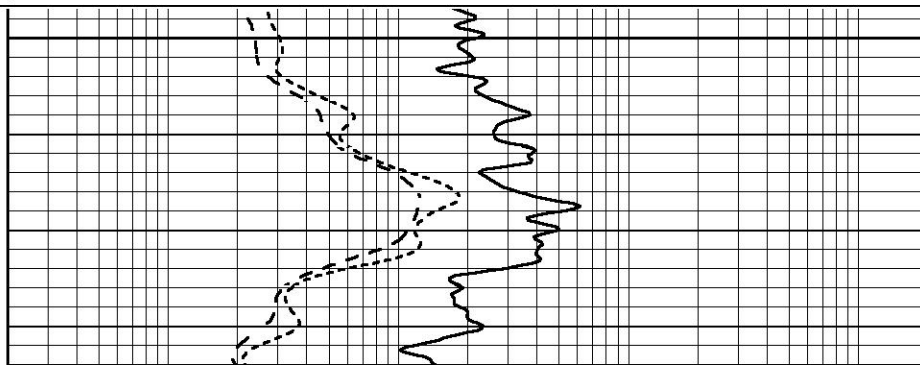
MAIN SECTION

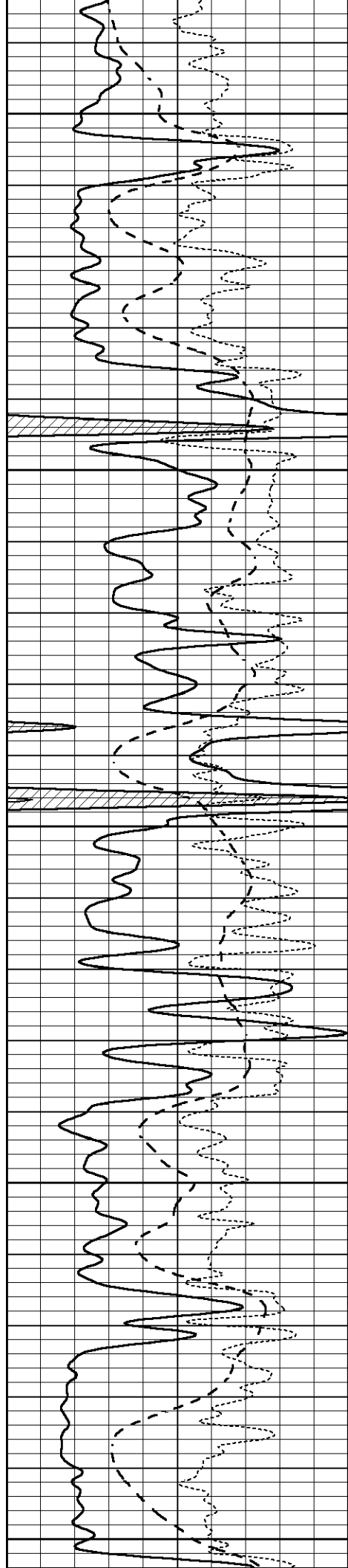
Database File 5856pe.db
 Dataset Pathname pass3.1
 Presentation Format _dil
 Dataset Creation Thu Sep 23 19:14:52 2021
 Charted by Depth in Feet scaled 1:240

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



4100





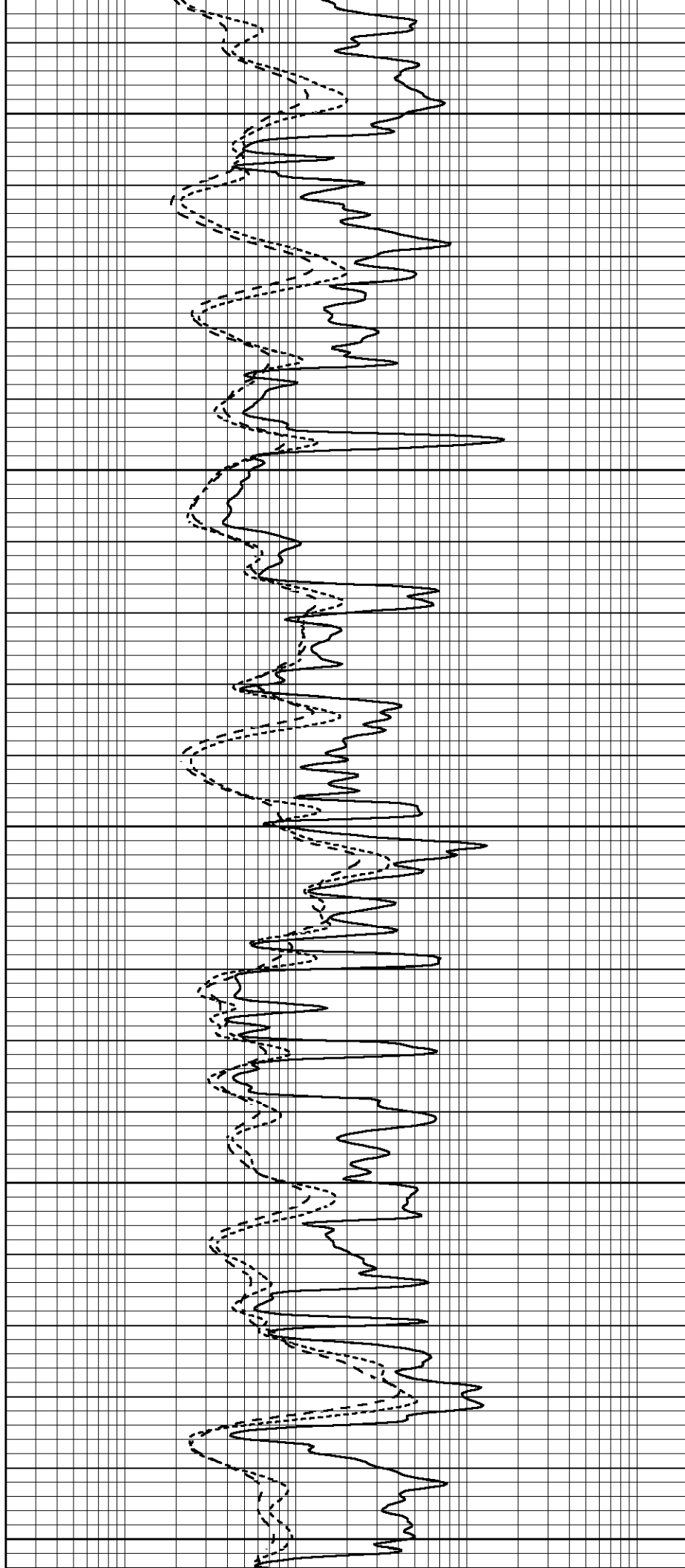
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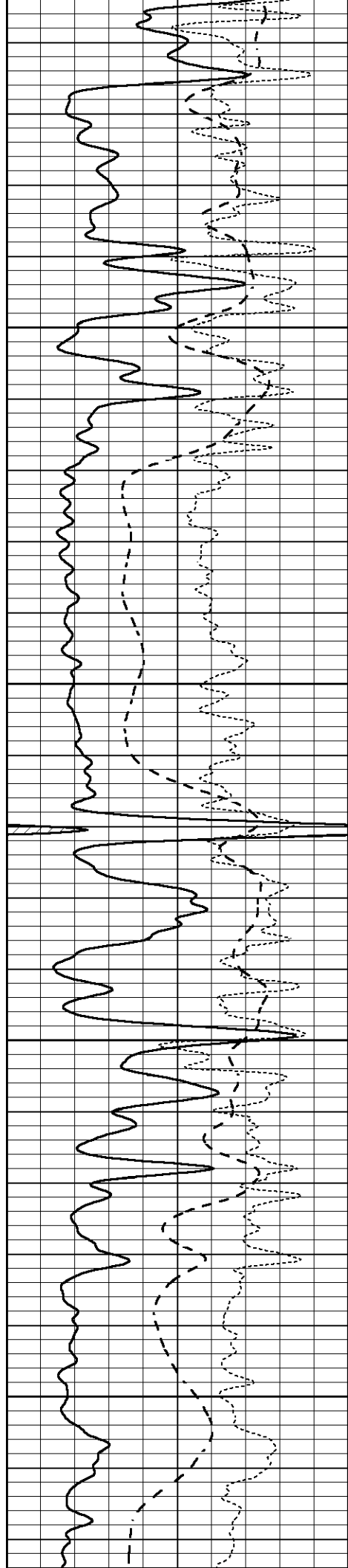
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4250

4300

4350



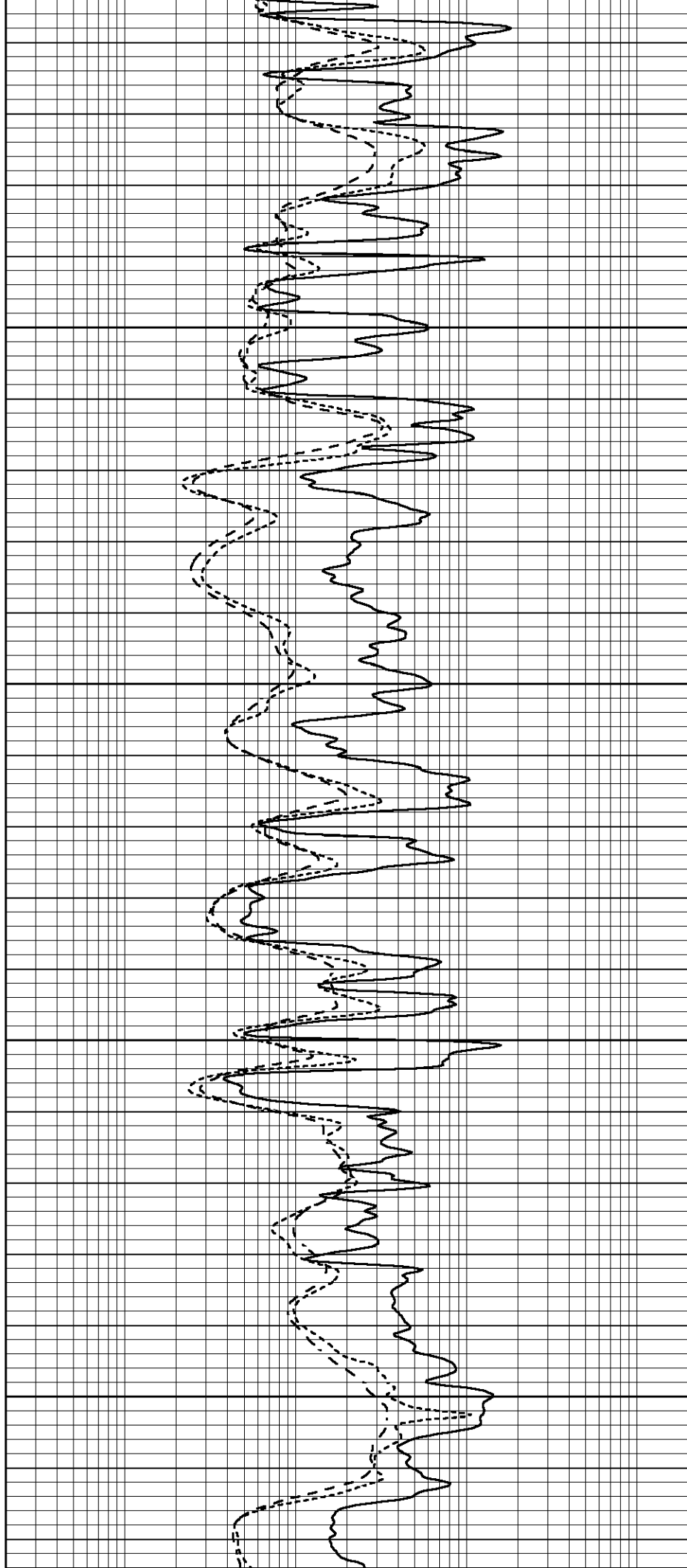


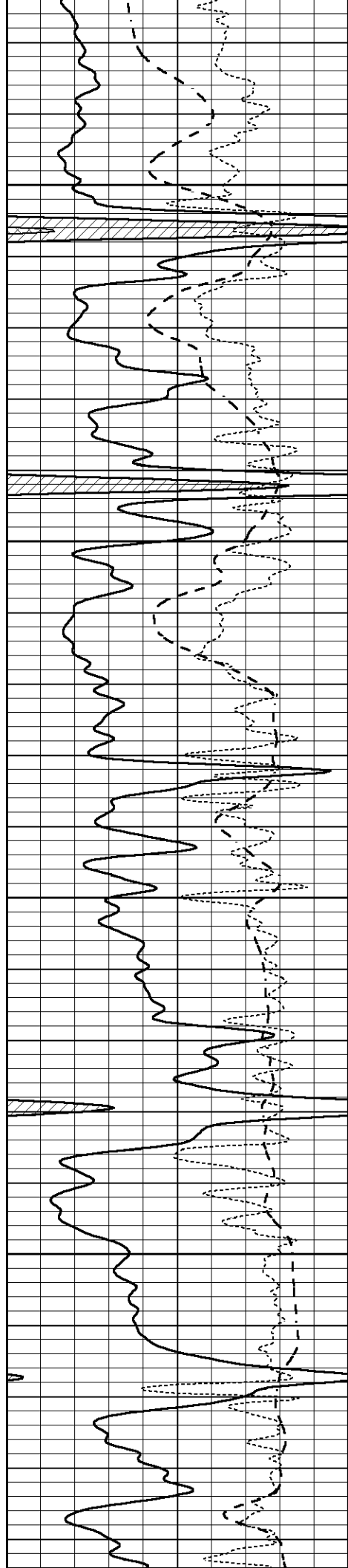
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4450

4500

4550



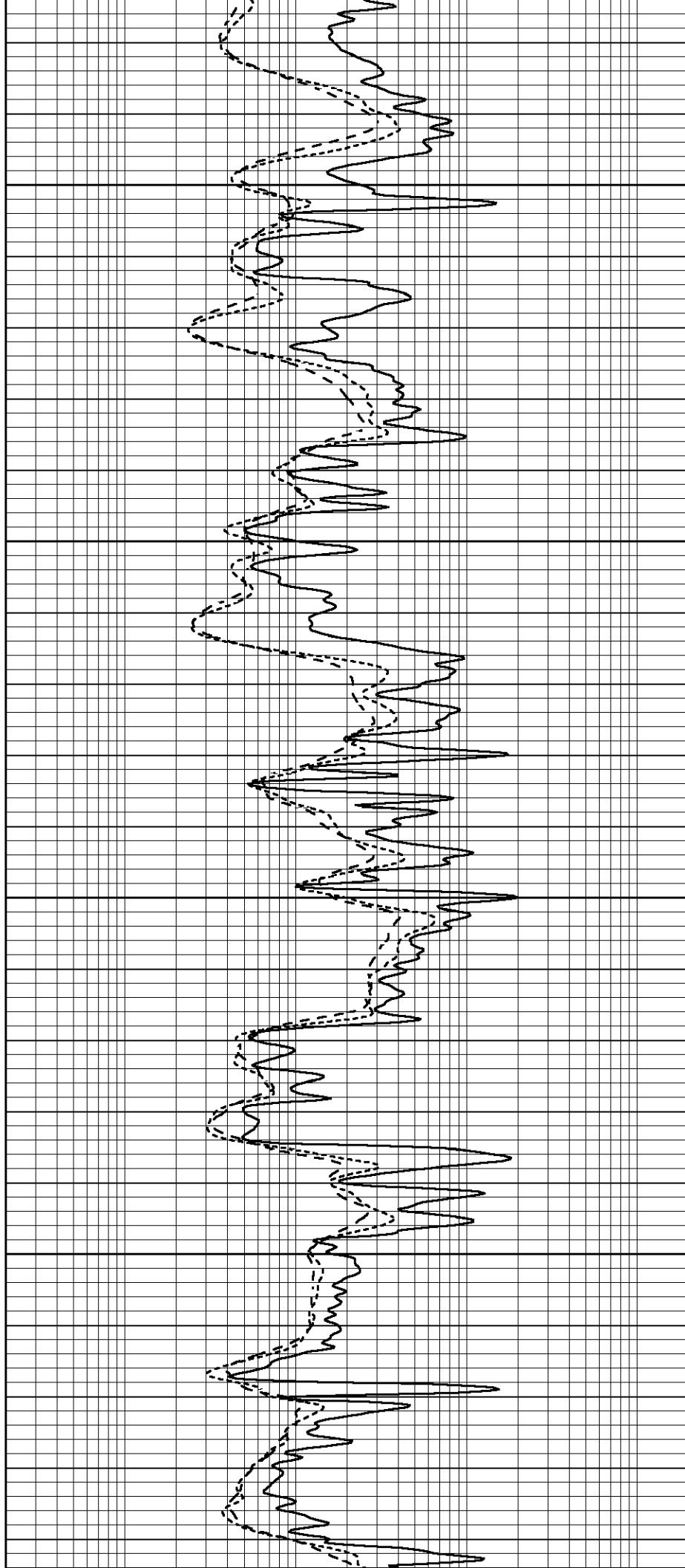


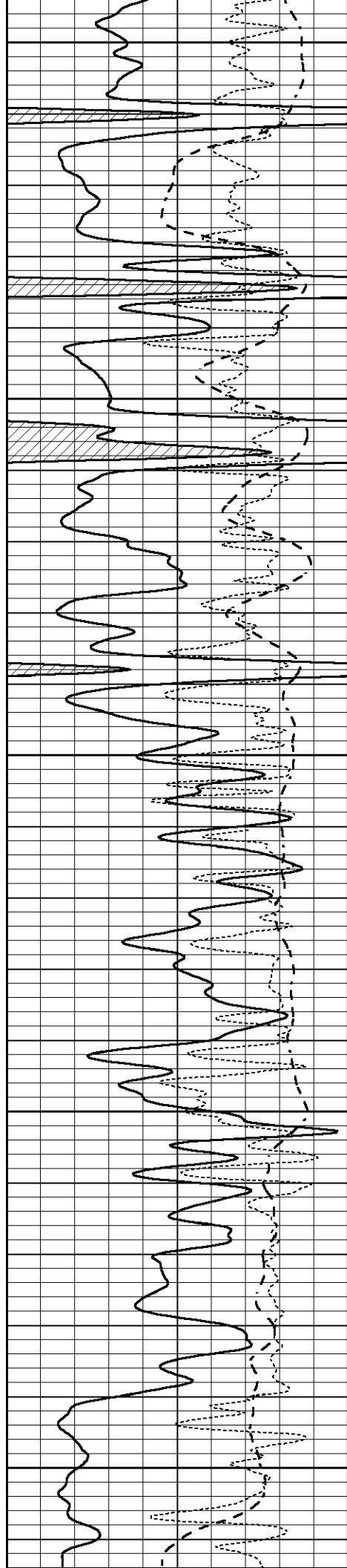
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4650

4700

4750





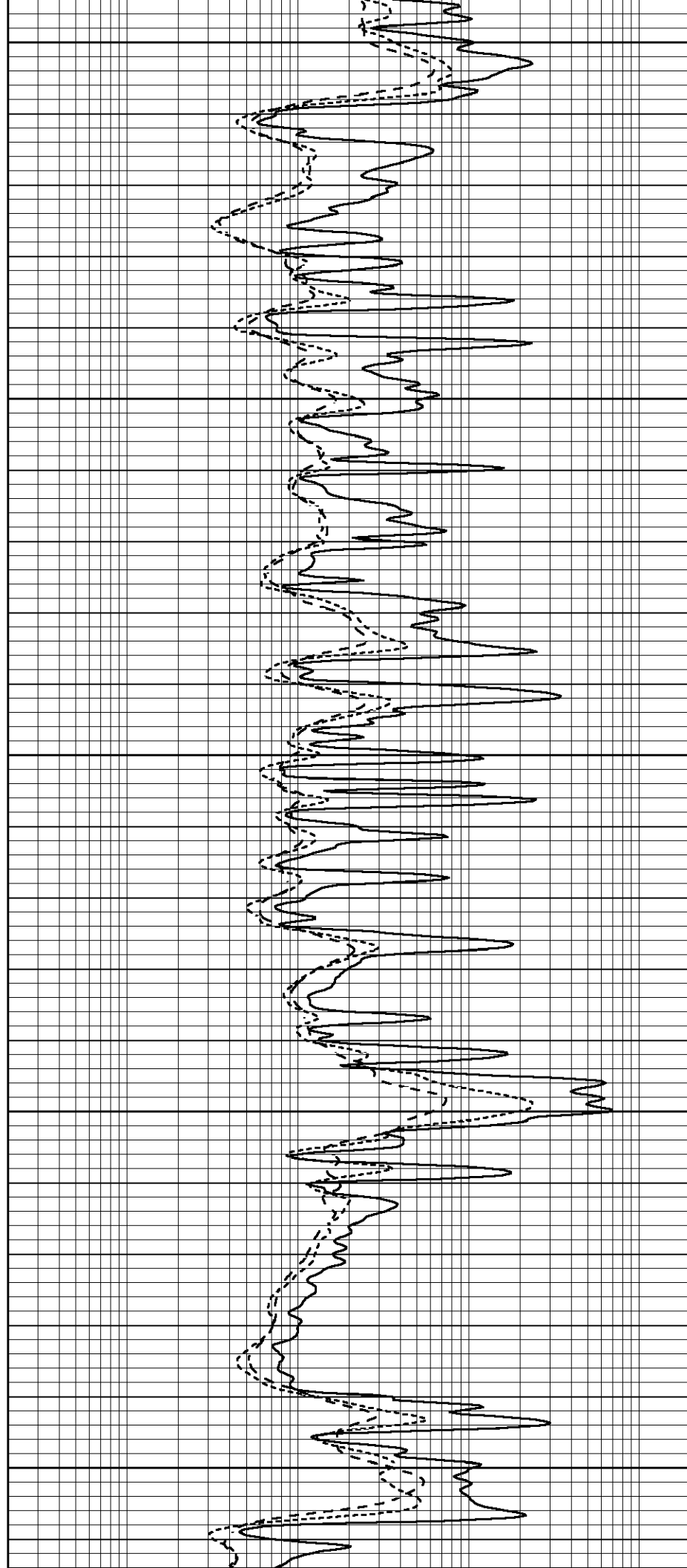
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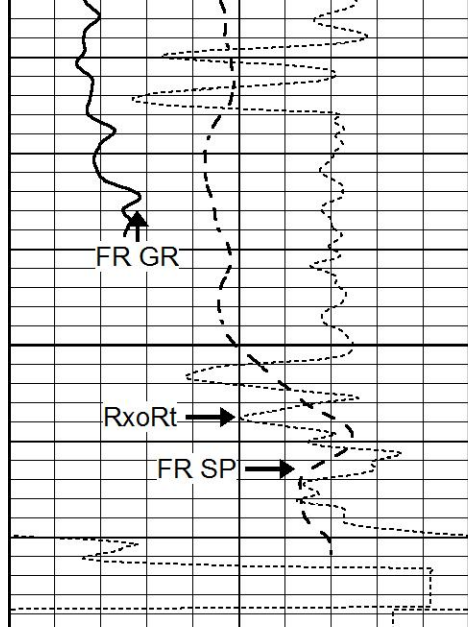
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4900

4950

5000

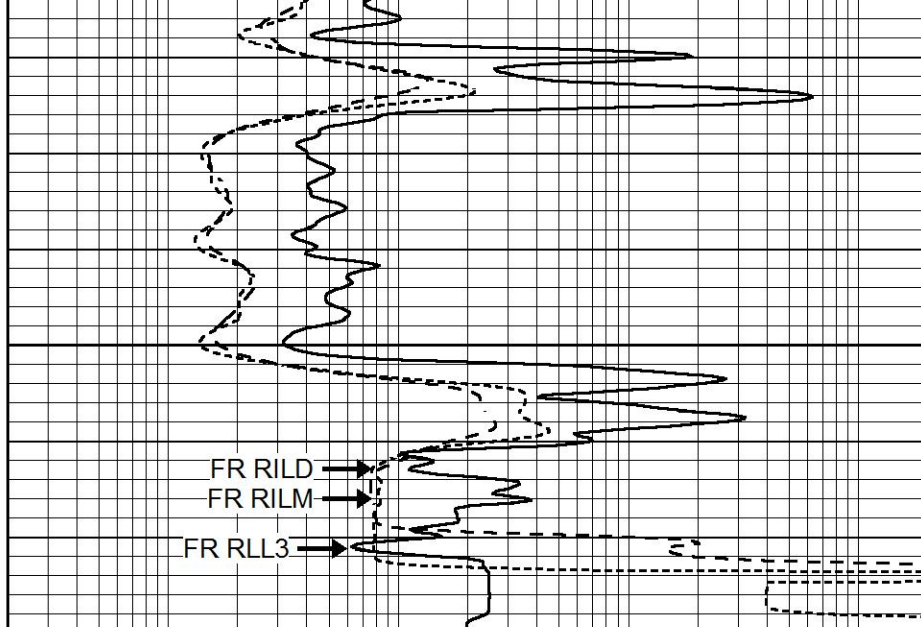




5050

LTD 5073

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



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

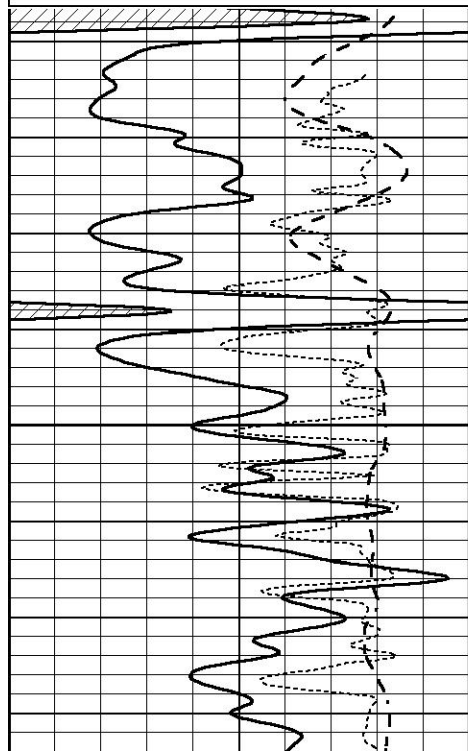


REPEAT SECTION

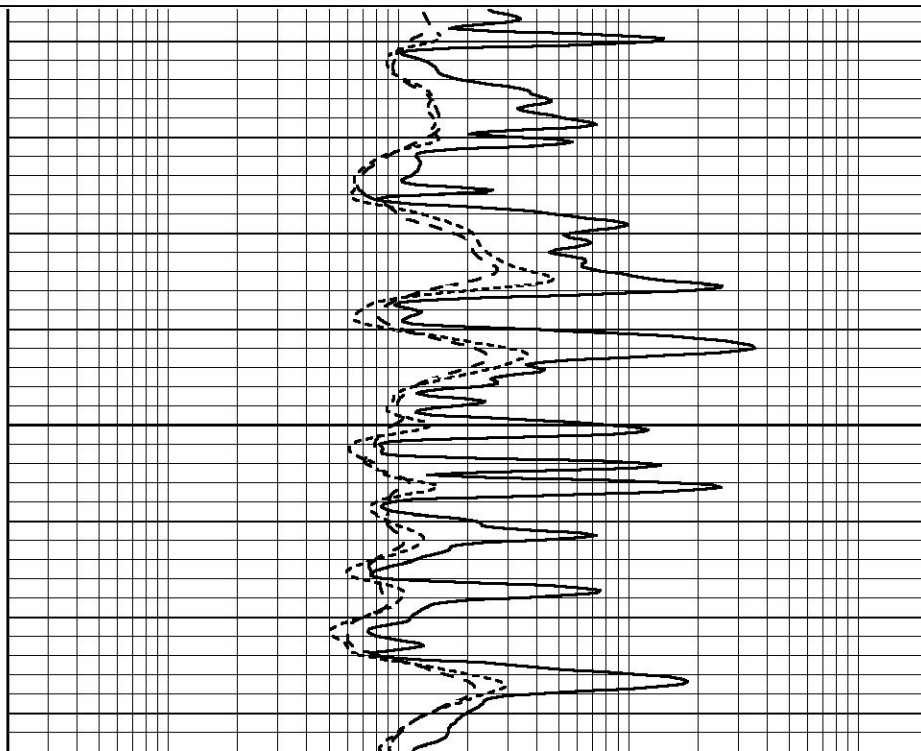
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 Presentation Format _dil
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 Charted by Depth in Feet scaled 1:240

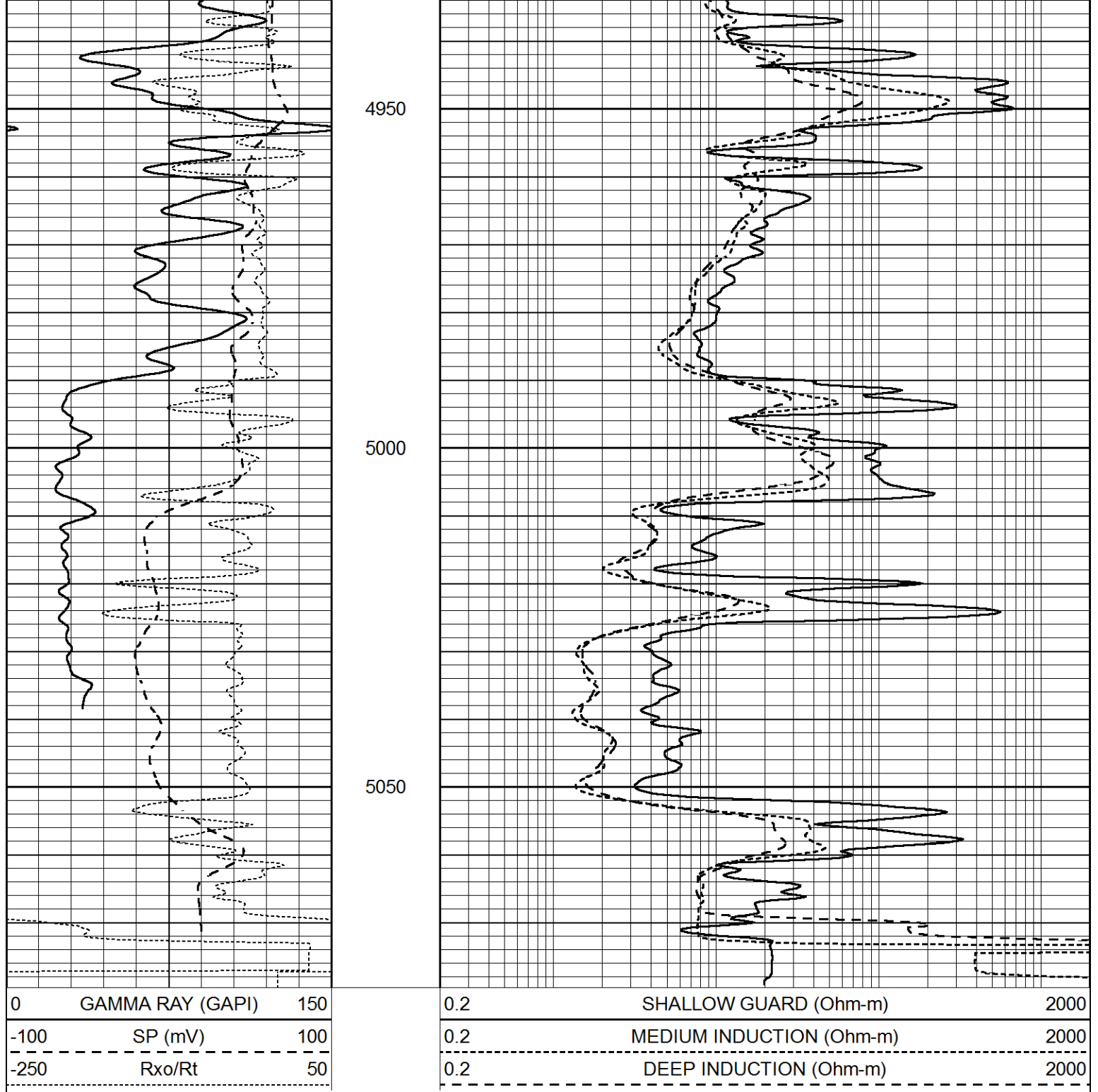
0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50

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



4900





Calibration Report						
Database File		5856pe.db				
Dataset Pathname		pass2.1				
Dataset Creation		Thu Sep 23 19:13:18 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'
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 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
8005.3	11087.2	8.0 14.0 0.0 -8.5
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