



DUAL INDUCTION LOG

Company	STEWART PRODUCERS, INC.	Company	STEWART PRODUCERS, INC.
Well	WHIPPLE #1-27	Well	WHIPPLE #1-27
Field	WCV - SW	Field	WCV - SW
County	NESS	County	NESS
State	KANSAS	State	KANSAS
Location:	API # : 15-135-26216-0000 1115' FNL & 330' FEL S/2 - SE - NE - NE	Other Services CDL/CNL/PE MEL/SONIC	
Permanent Datum	GROUND LEVEL	Elevation	2591
Log Measured From	KELLY BUSHING 7' A.G.L	K.B. 2598 D.F. 2596 G.L. 2591	
Drilling Measured From	KELLY BUSHING		
Date	4/7/24		
Run Number	ONE		
Depth Driller	4640		
Depth Logger	4642		
Bottom Logged Interval	4640		
Top Log Interval	00		
Casing Driller	8.625@217		
Casing Logger	216		
Bit Size	7.785		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 3,000 PPM	
Density / Viscosity	9.3/60		
pH / Fluid Loss	10.0/8.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.900@70F		
Rmf @ Meas. Temp	.675@70F		
Rmc @ Meas. Temp	1.08@70F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.516@122F		
Time Circulation Stopped	3 HOURS		
Time Logger on Bottom	1.45 P.M.		
Maximum Recorded Temperature	122F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	AARON YOUNG		

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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.

15-135-26216-0000

Comments

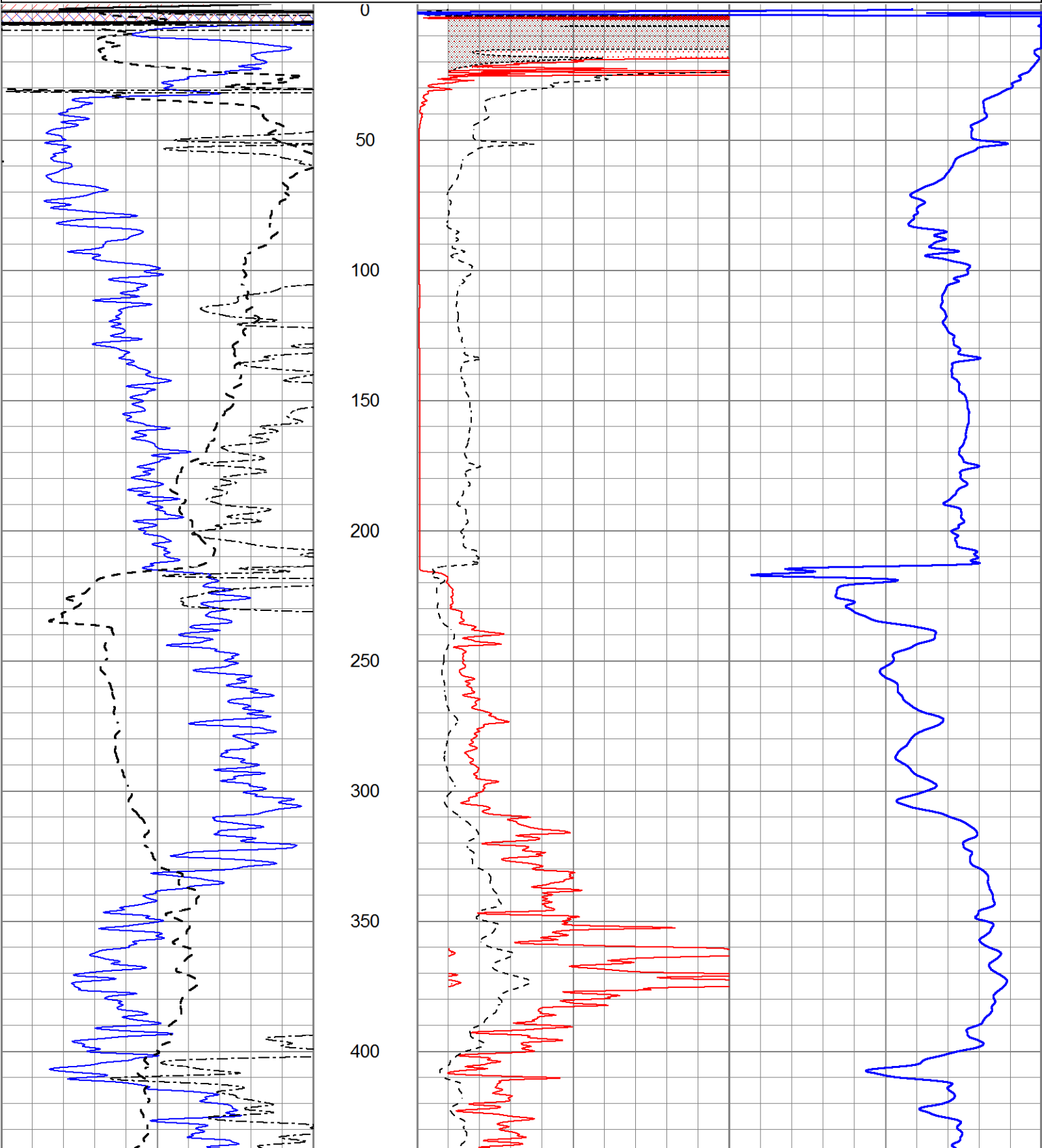
THANK YOU FOR USING ELI WIRELINE HAYS. KANSAS (785) 628-6395
DIRECTIONS
BEELER, KS. & HWY 96, 5S. ON "RD. C" TO "80TH", 1E., S. INTO

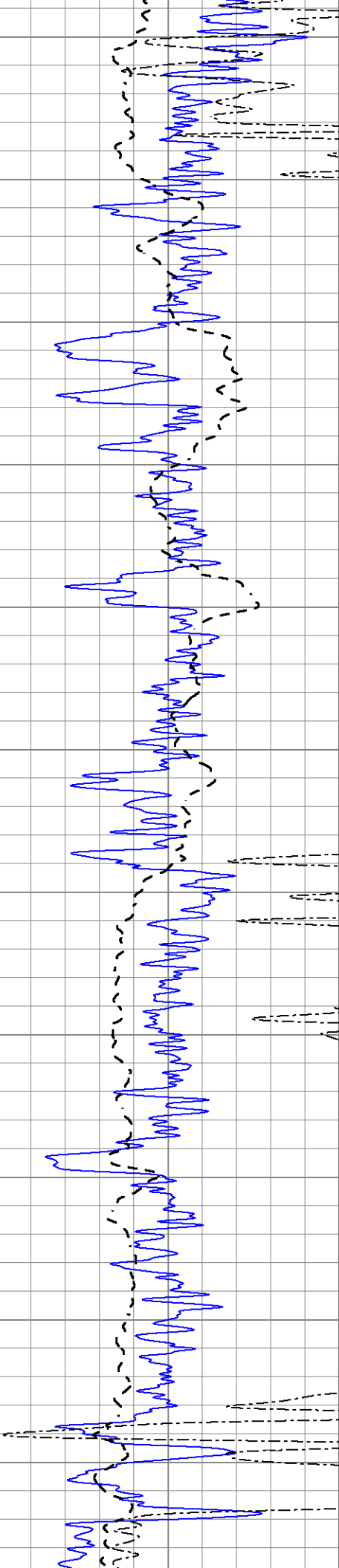


MAIN SECTION

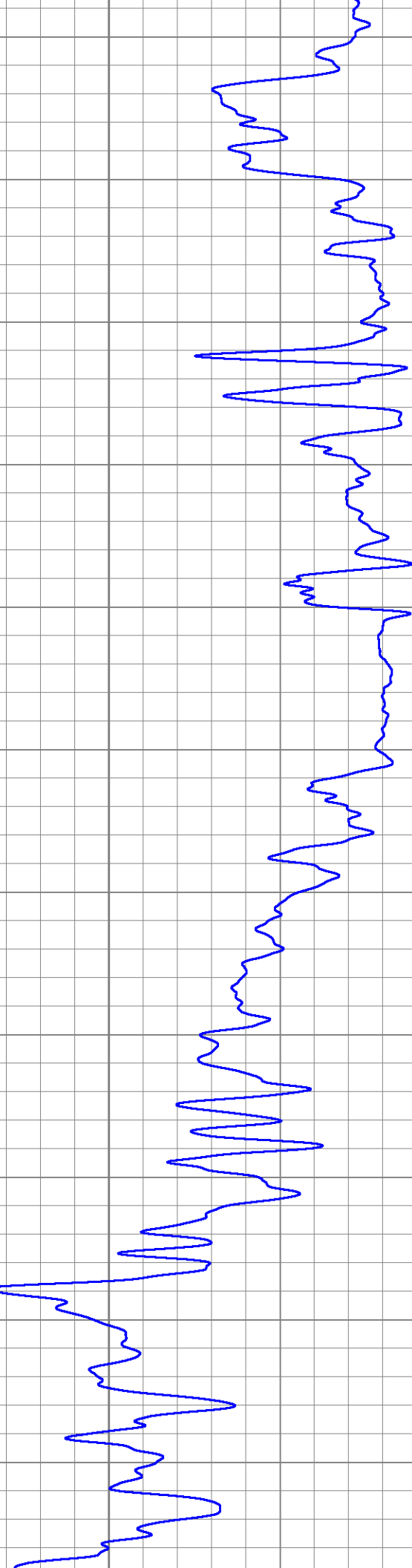
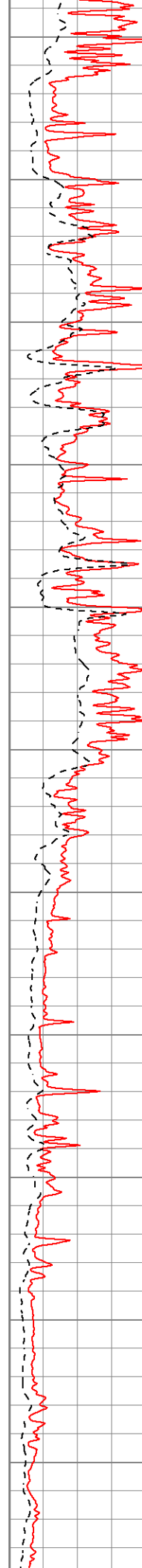
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Dataset Pathname	pass3.1M
Presentation Format	_dil2
Dataset Creation	Sun Apr 07 16:08:58 2024
Charted by	Depth in Feet scaled 1:600

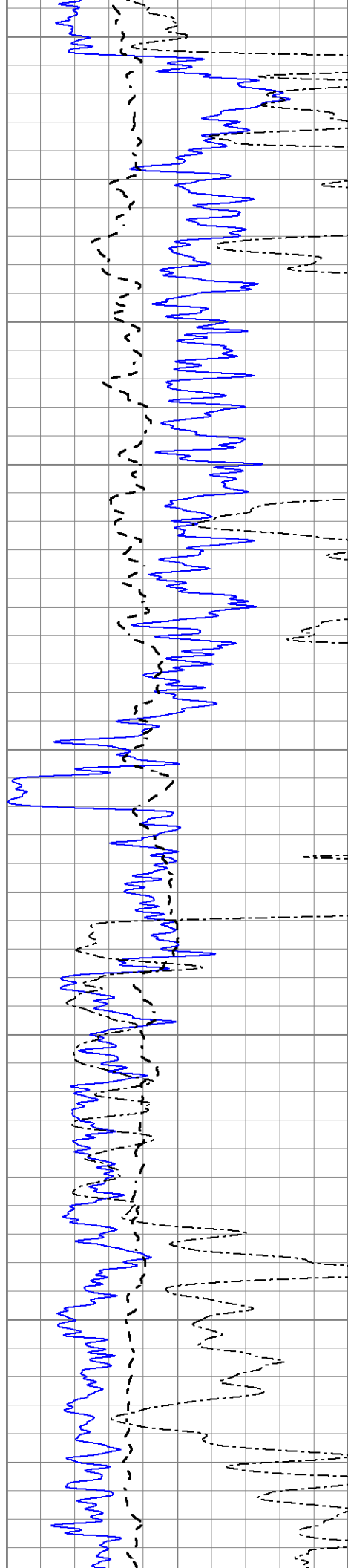
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-100	SP (mV)	100	0	RLL3 (Ohm-m)	50
0	RWA (Ohm-m)	1	0	RILD (Ohm-m)	50
			50	RILD X10 (Ohm-m)	500
			50	RLL3 X10 (Ohm-m)	500



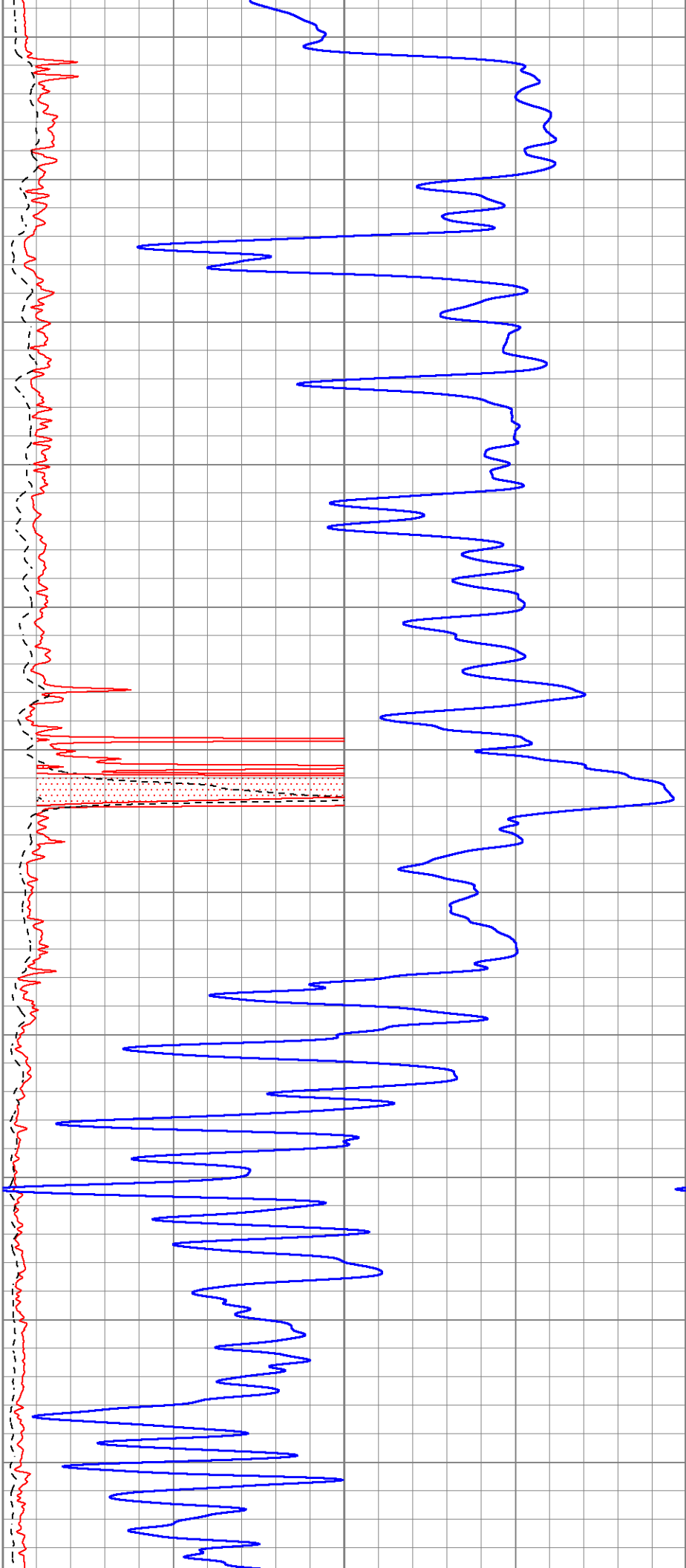


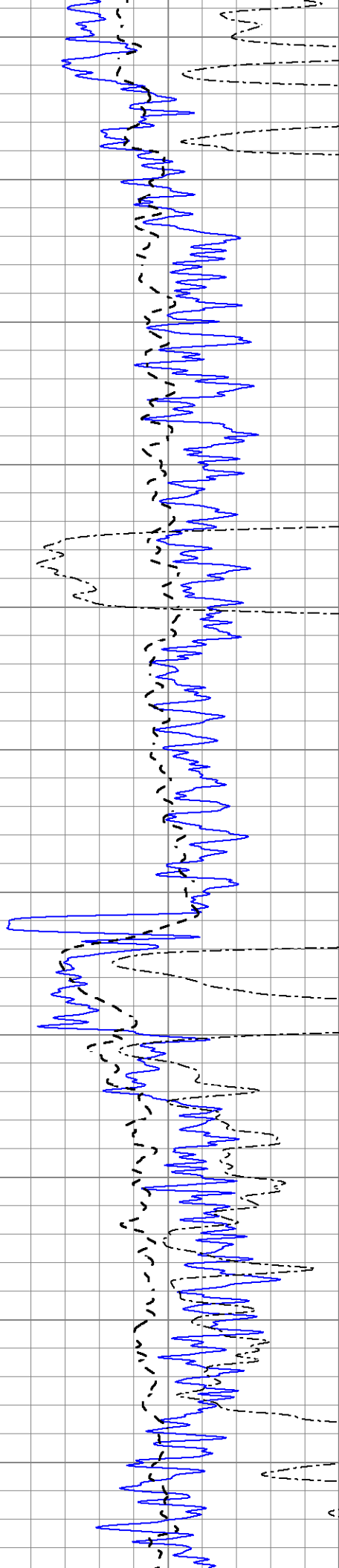
450
500
550
600
650
700
750
800
850
900
950





1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
1500





1550

1600

1650

1700

1750

1800

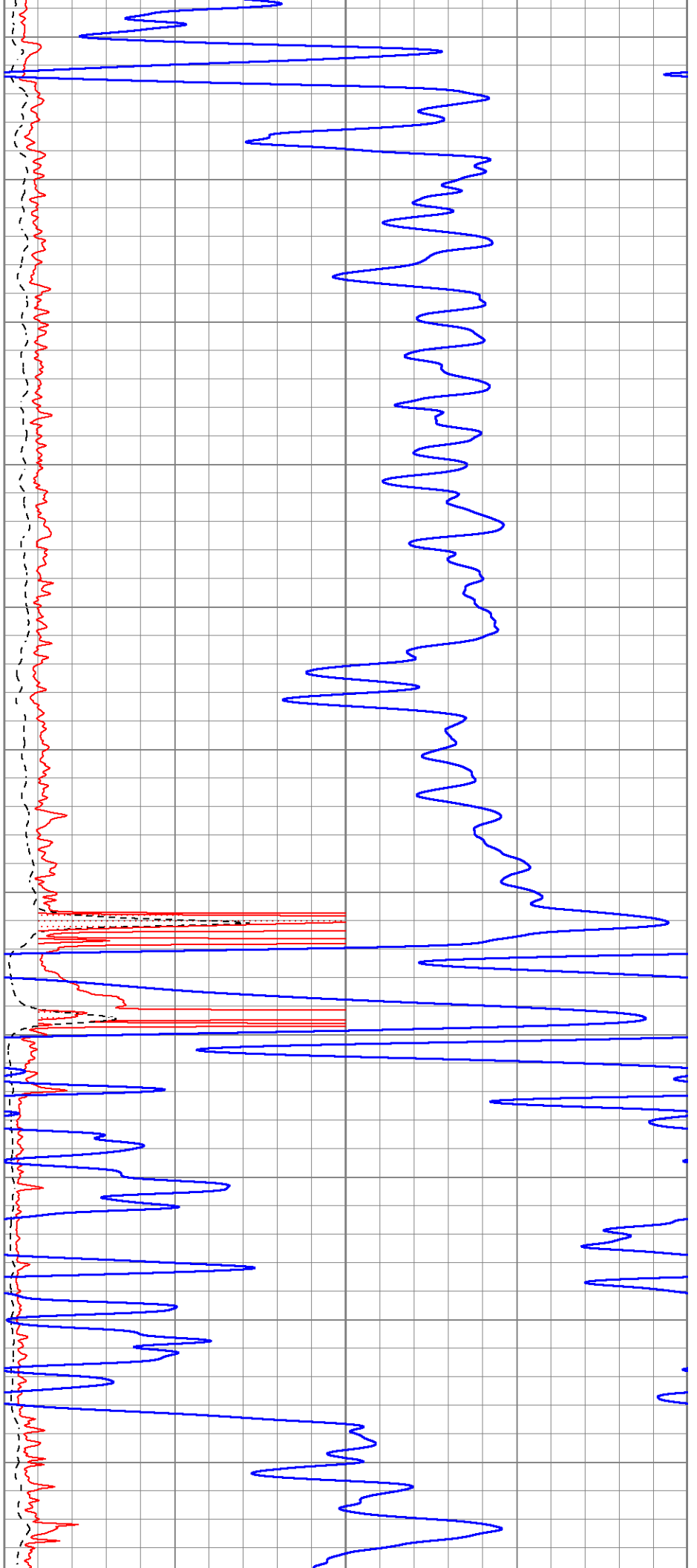
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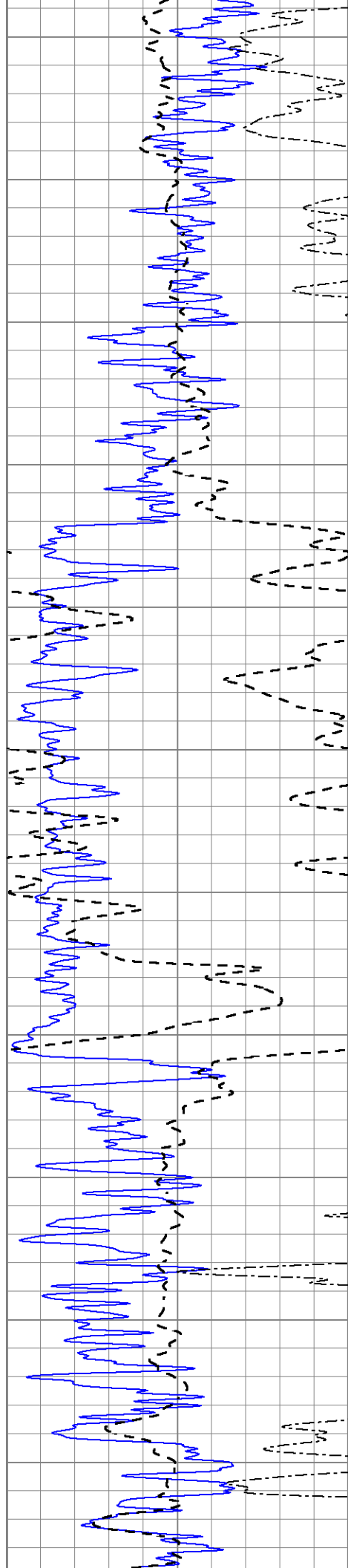
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1950

2000

2050





2100

2150

2200

2250

2300

2350

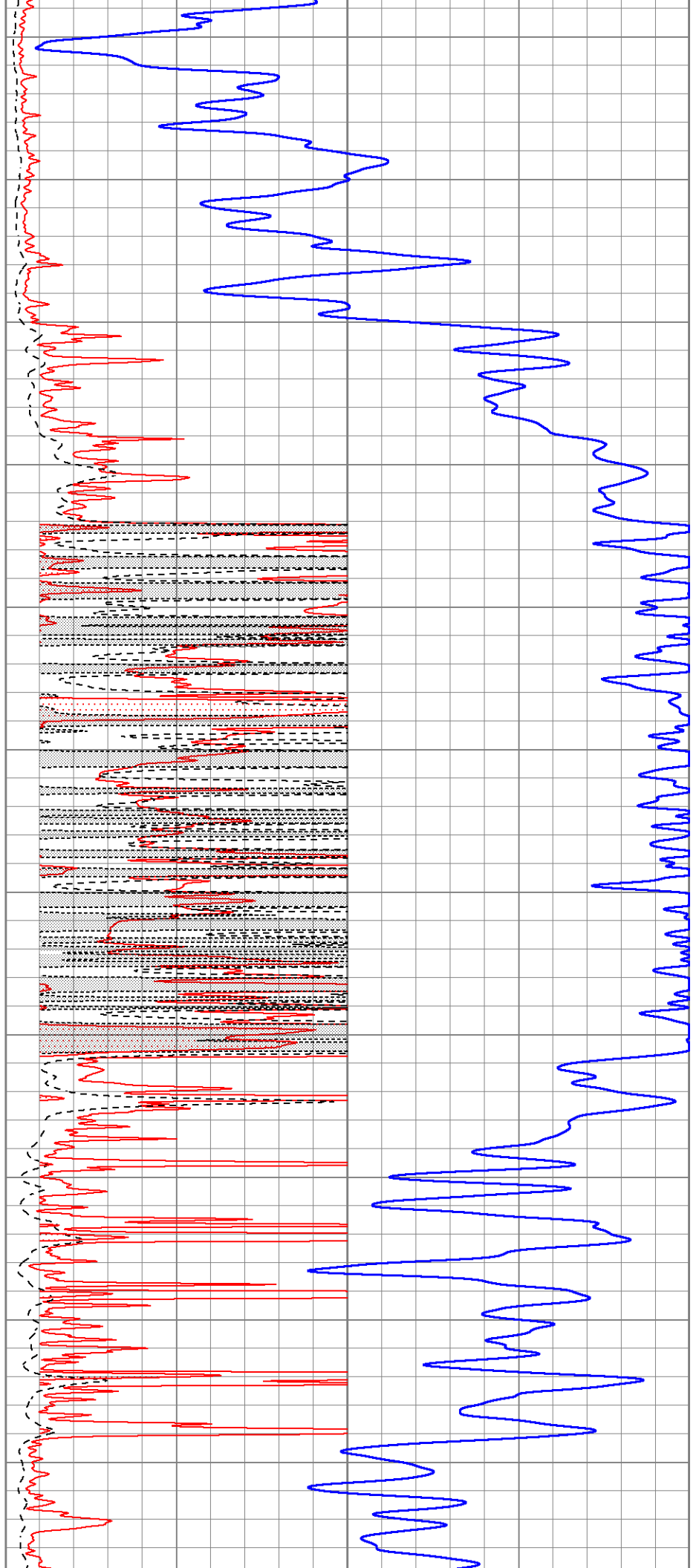
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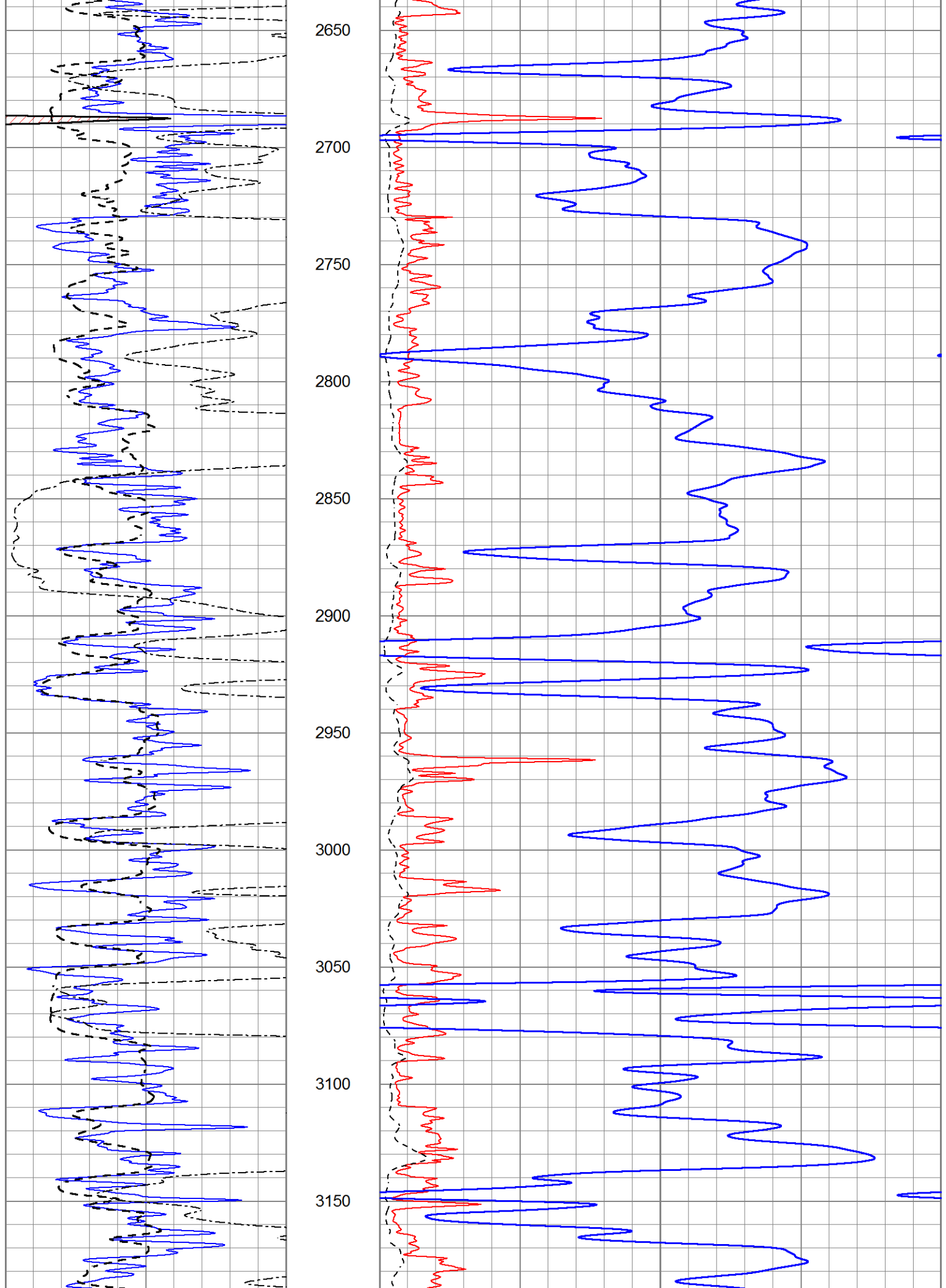
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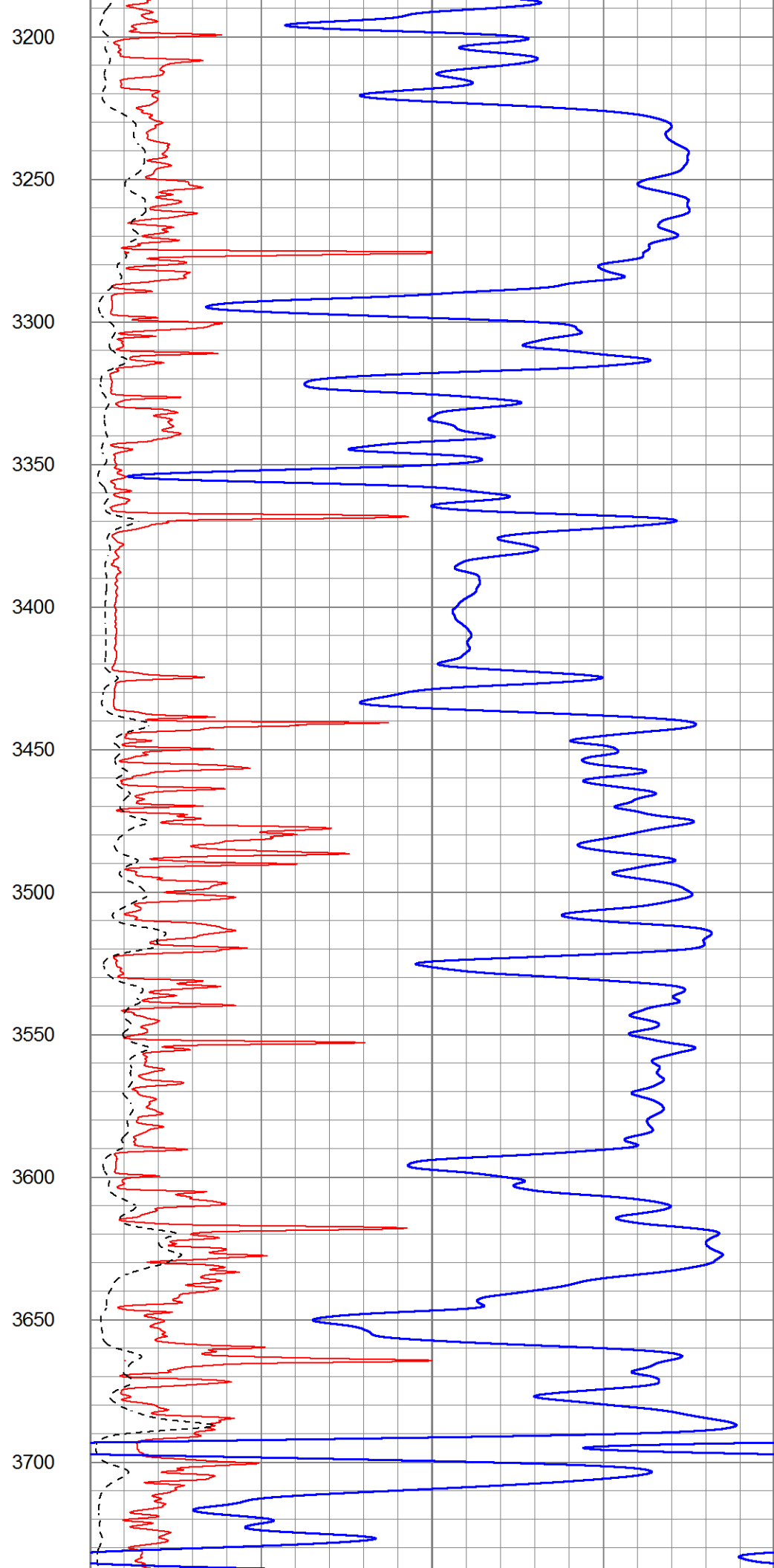
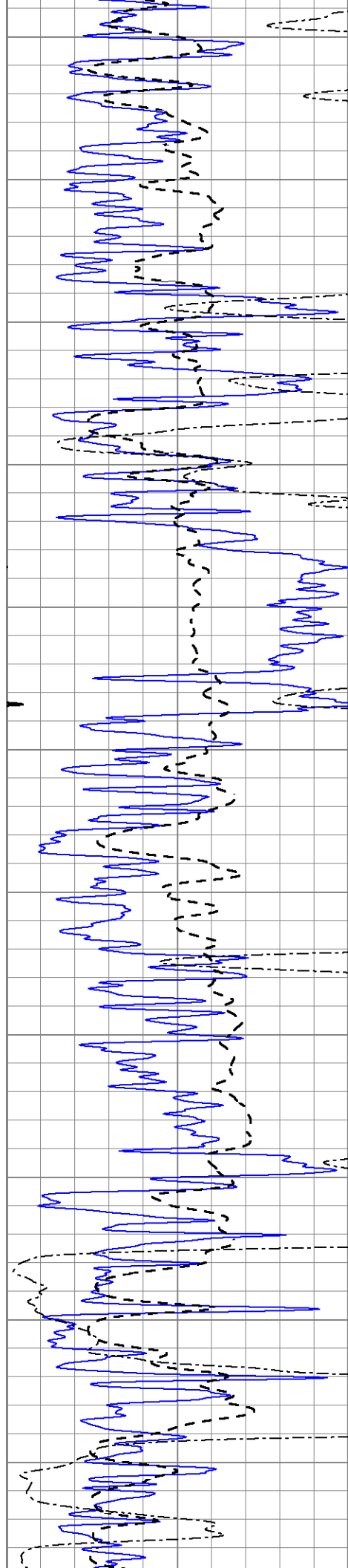
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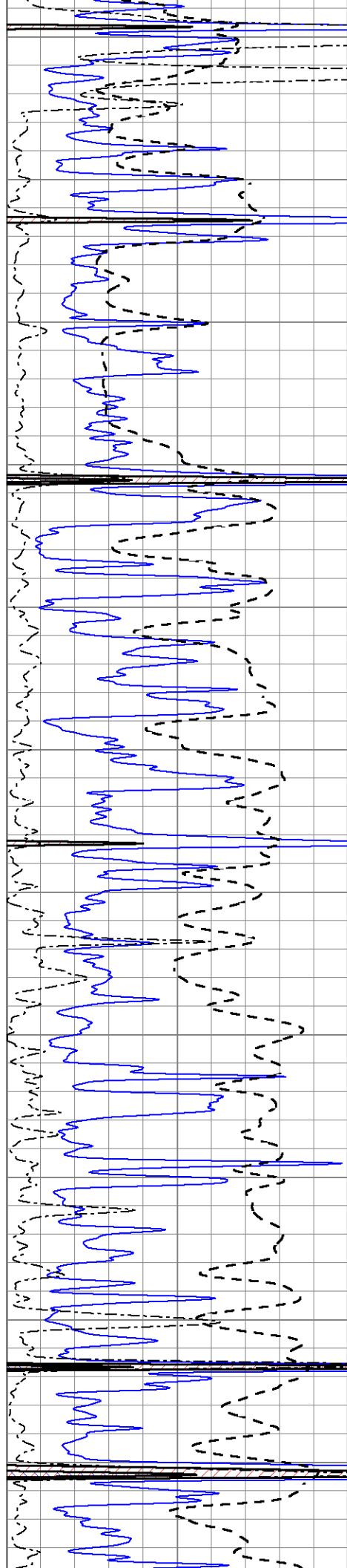
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2600









3750

3800

3850

3900

3950

4000

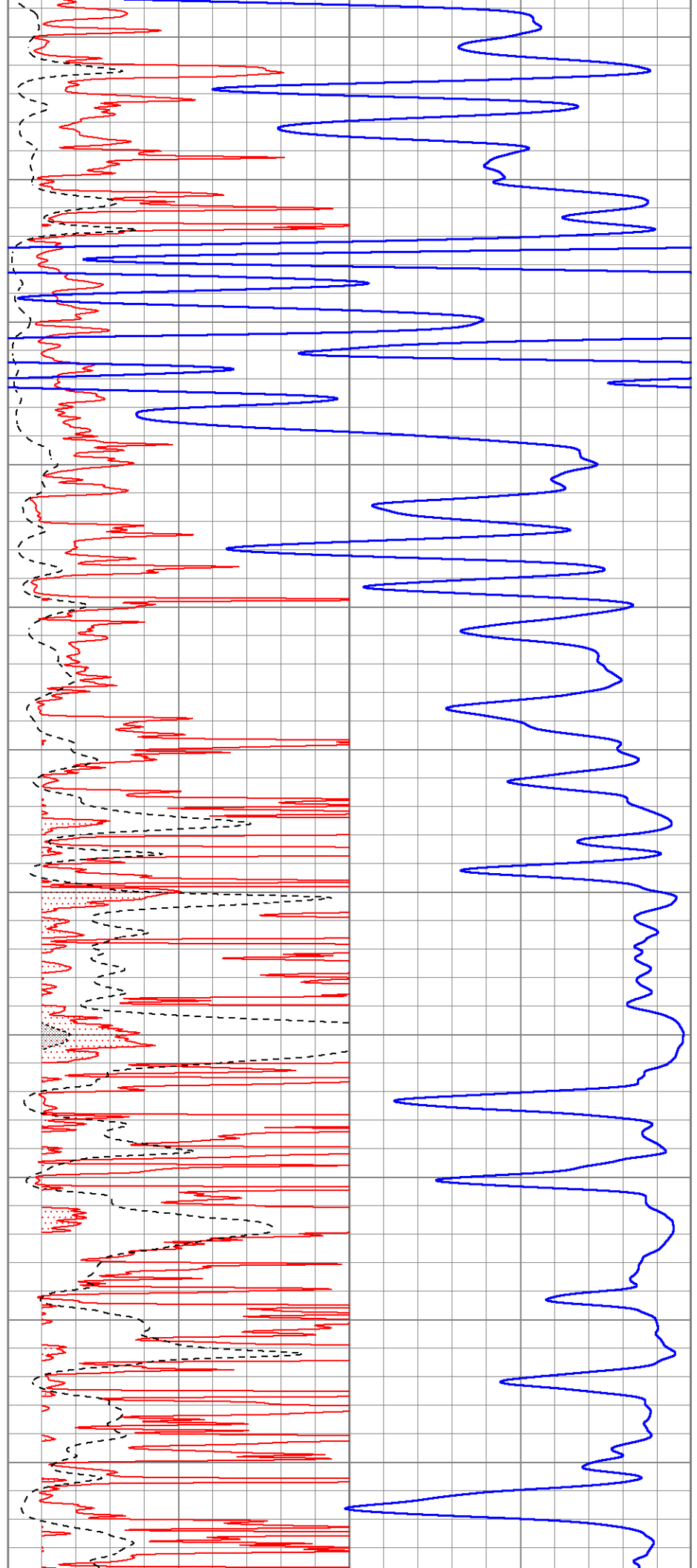
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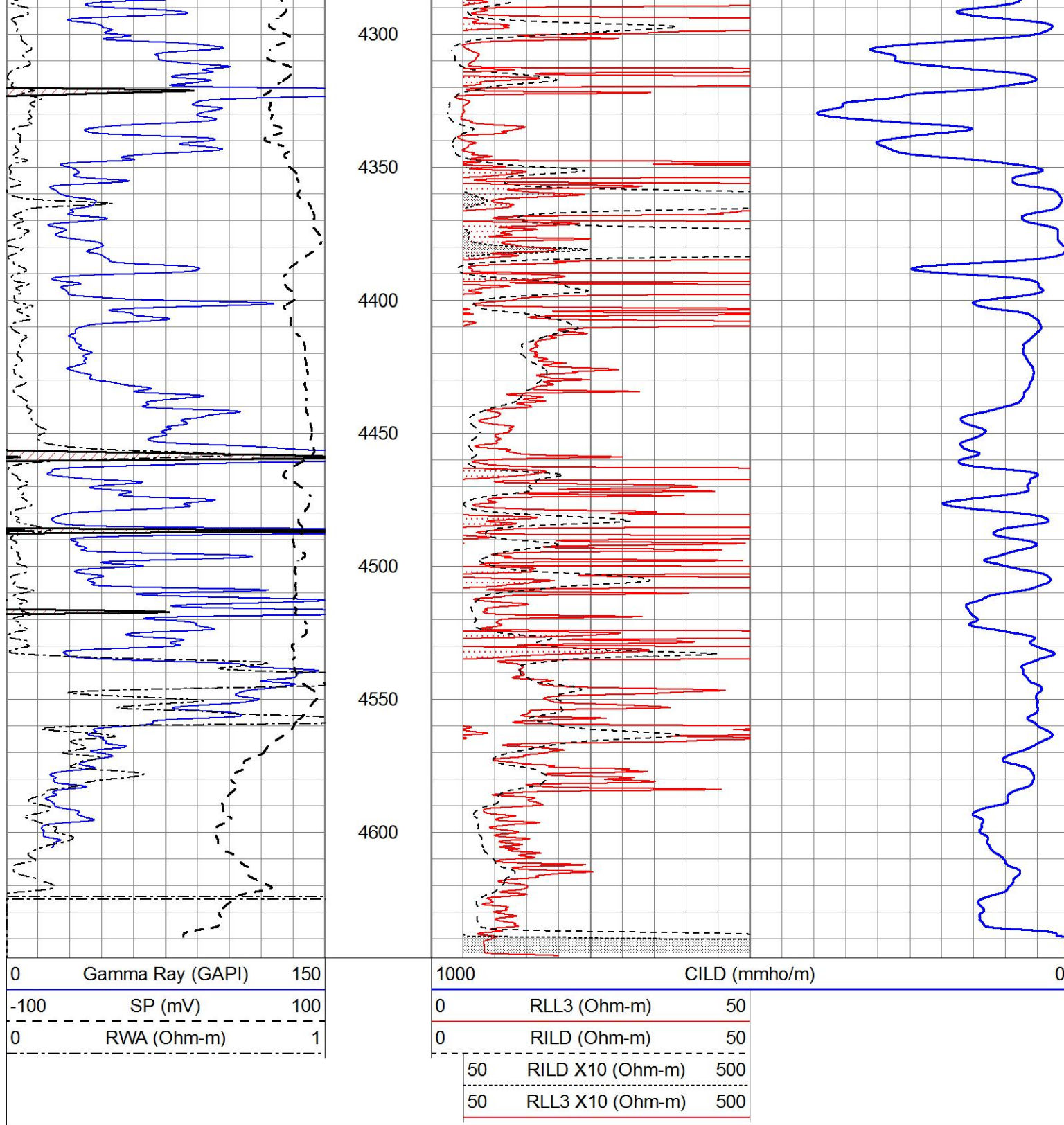
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4150

4200

4250



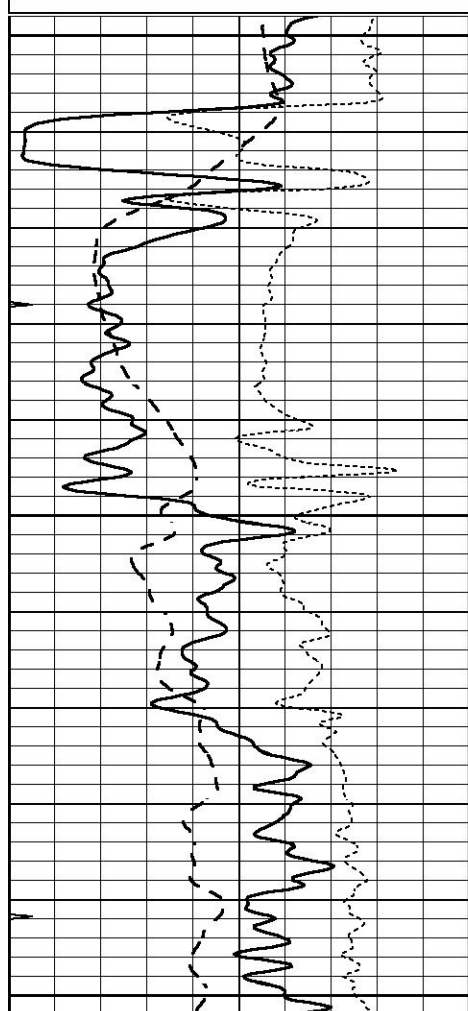


ANHYDRITE

Database File 8481pe.db
 Dataset Pathname pass3.1A
 Presentation Format _dil
 Dataset Creation Sun Apr 07 16:09:24 2024
 Charted by Depth in Feet scaled 1:240

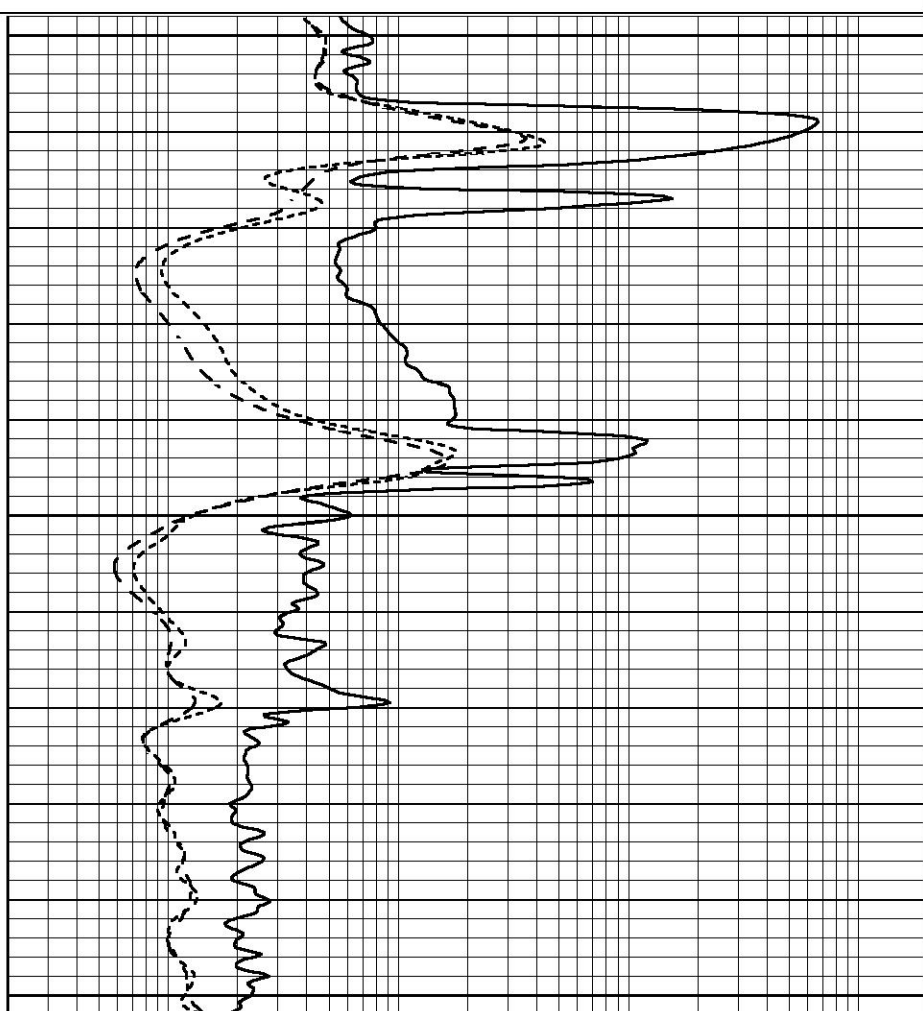


-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	20



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

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



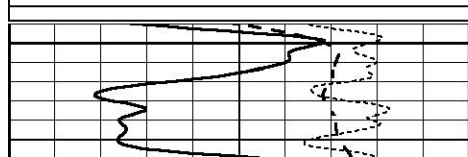
0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000



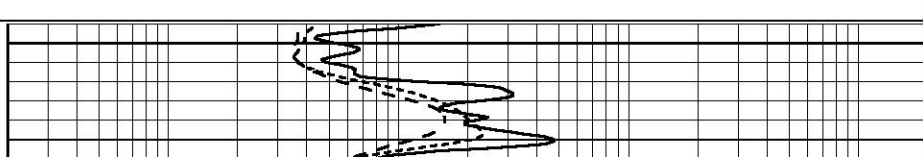
MAIN SECTION

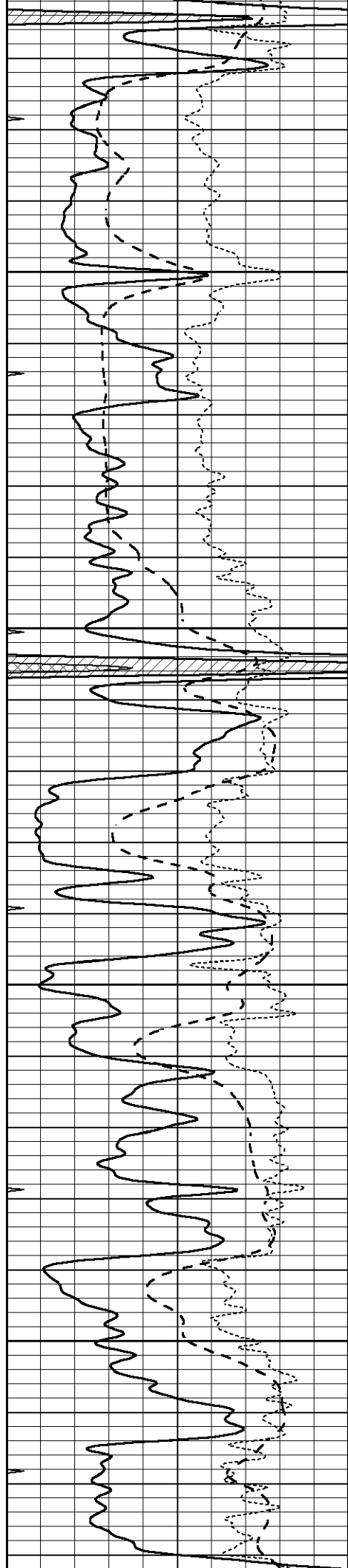
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 Dataset Pathname pass3.1M
 Presentation Format _dil
 Dataset Creation Sun Apr 07 16:08:58 2024
 Charted by Depth in Feet scaled 1:240

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



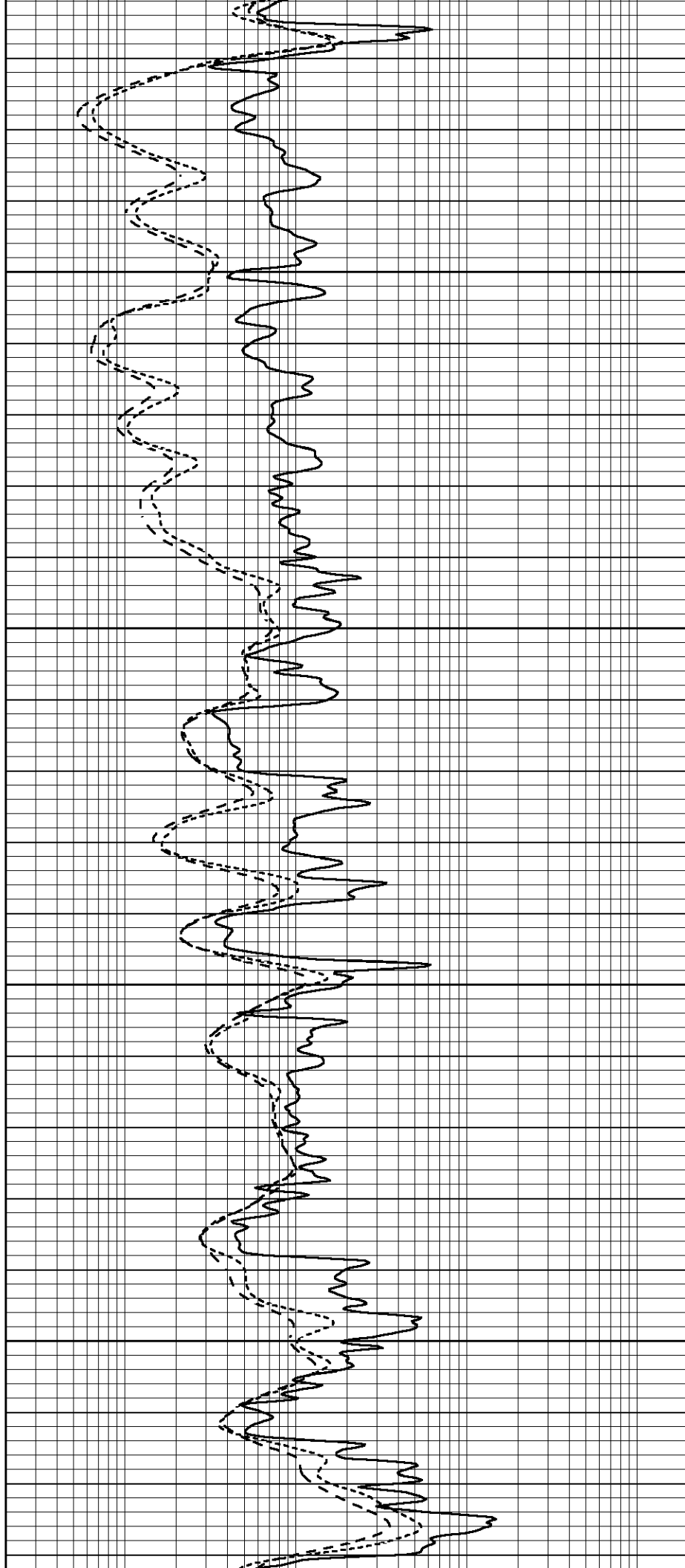


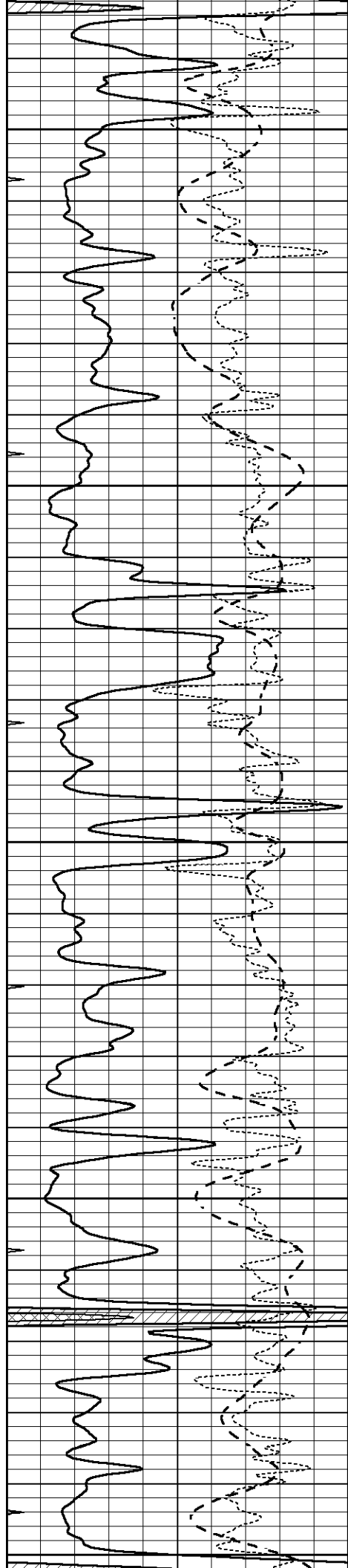
3850

3900

3950

4000





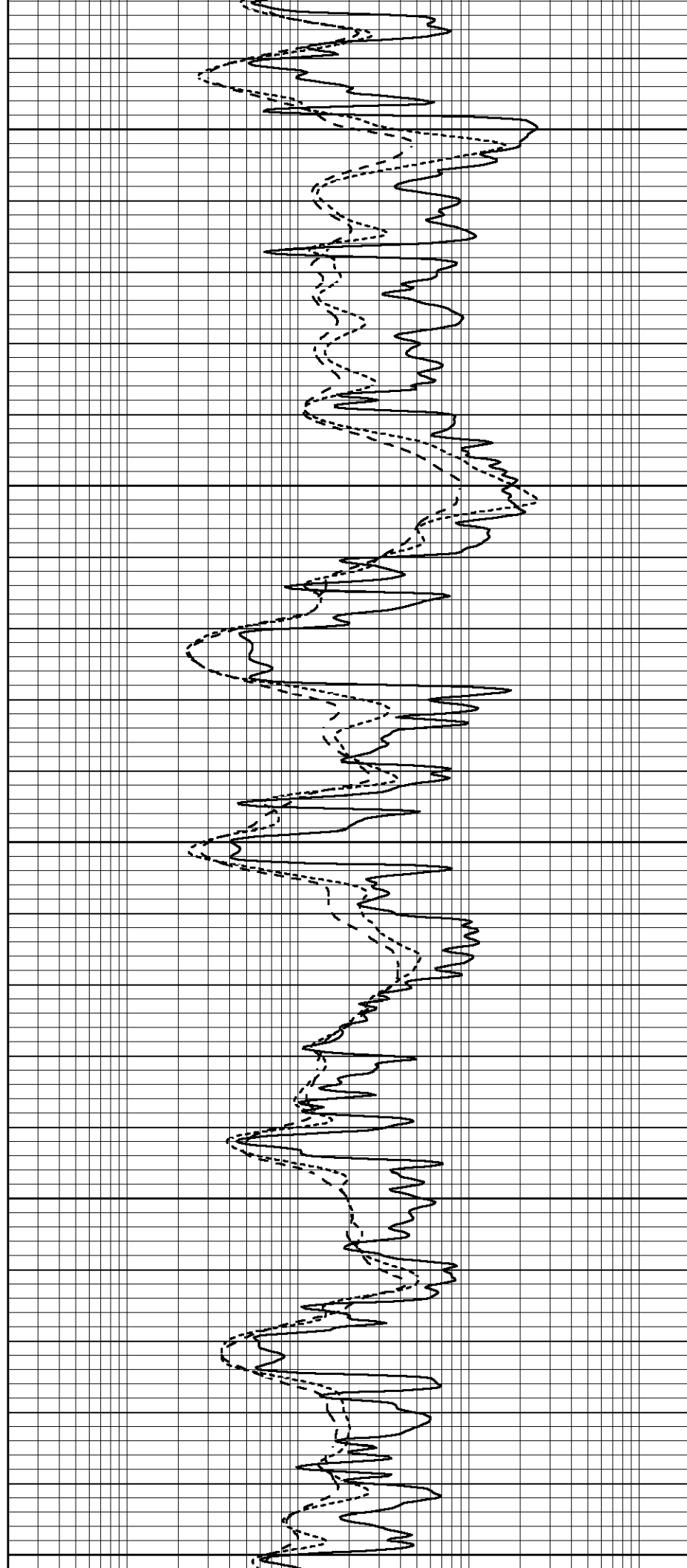
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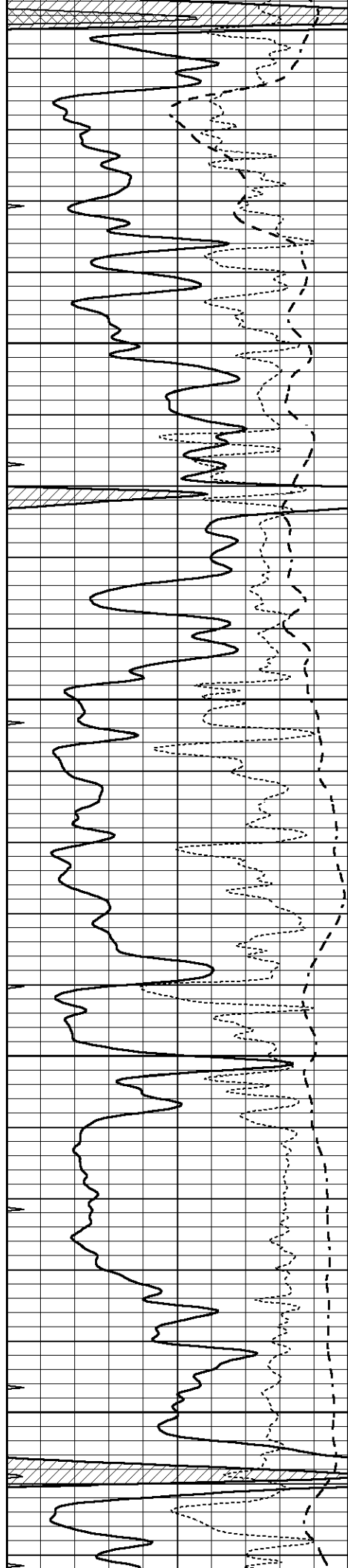
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4150

4200

4250



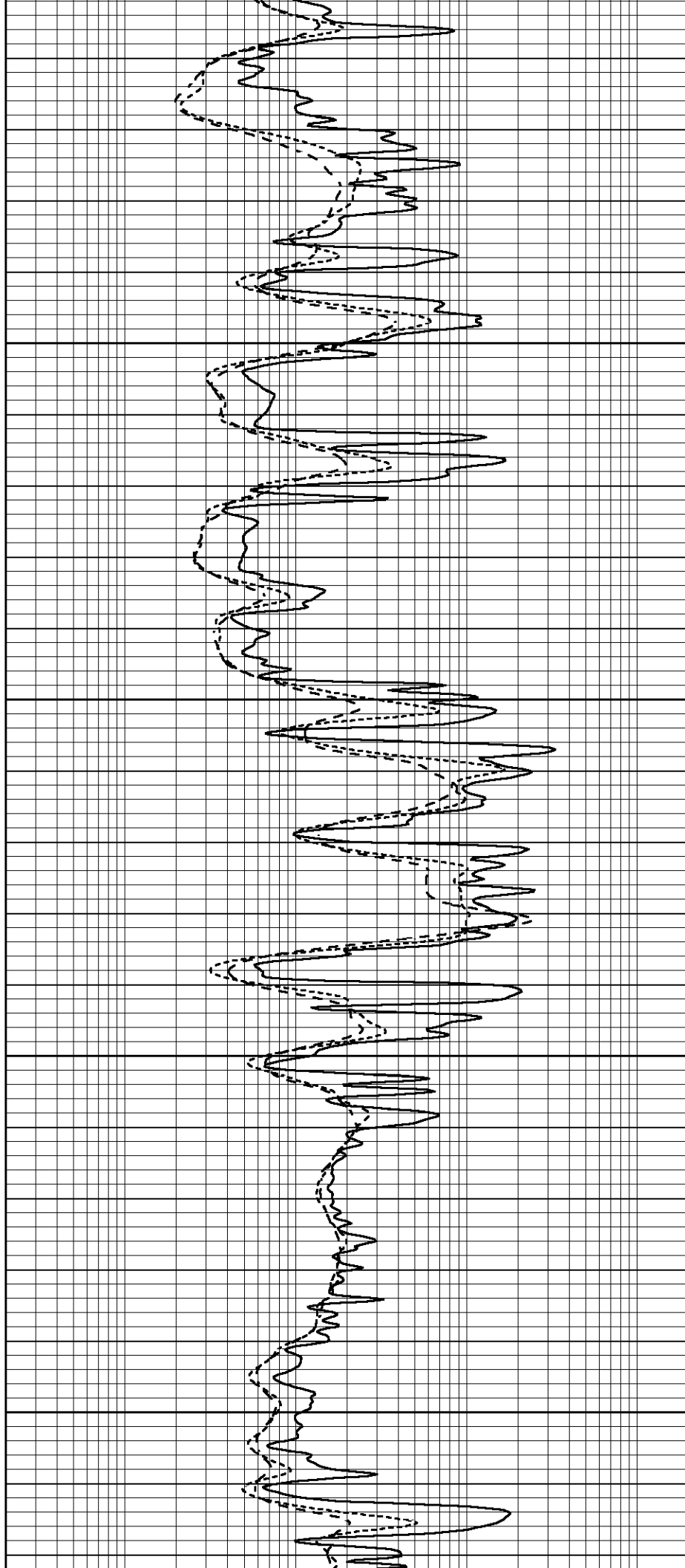


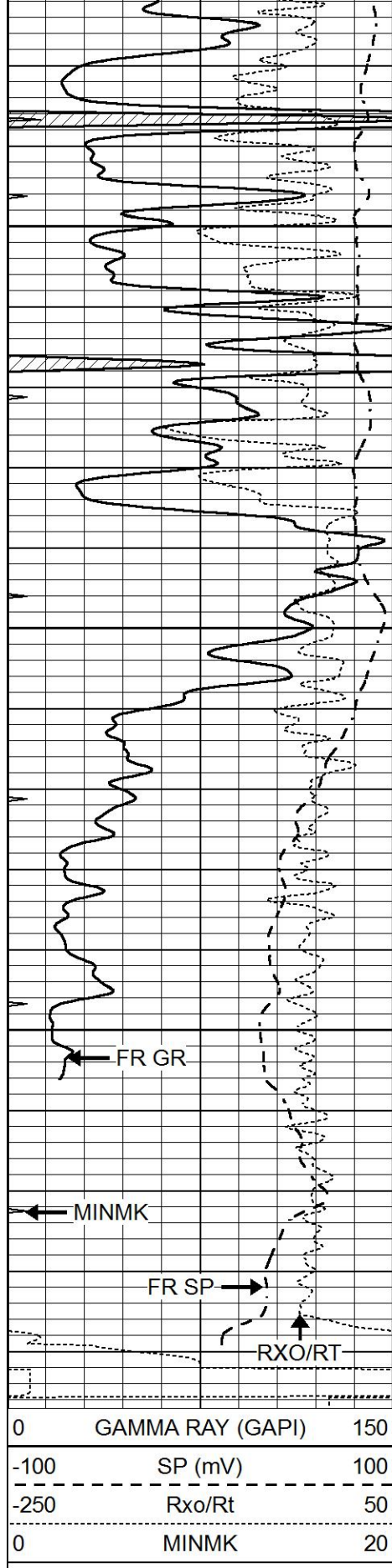
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4400

4450



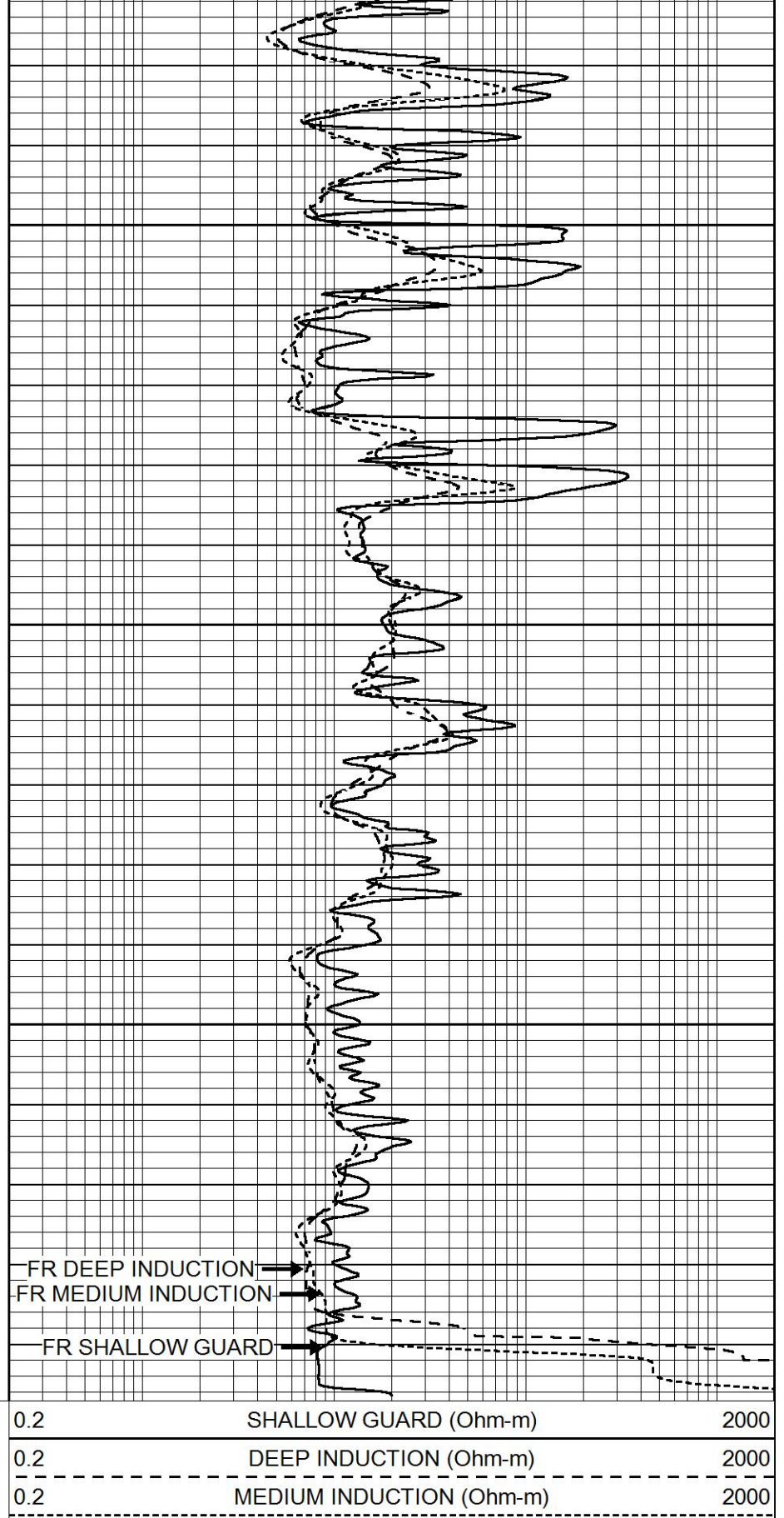


4500

4550

4600

LTD 4642

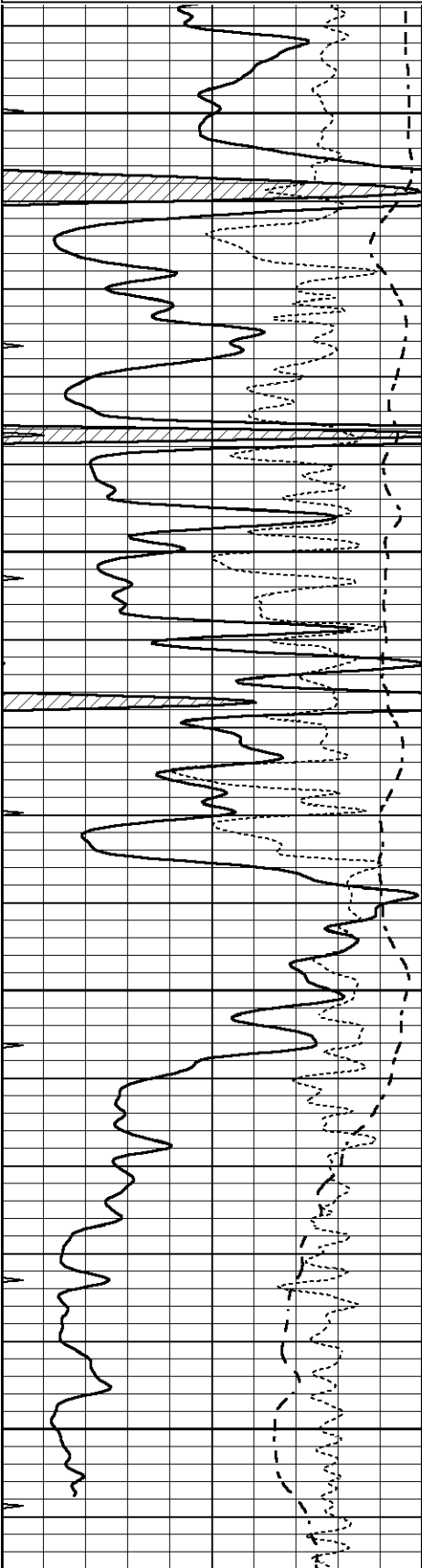


REPEAT SECTION

Database File	8481pe.db
Dataset Pathname	pass2.1R
Presentation Format	_dil
Dataset Creation	Sun Apr 07 15:55:26 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

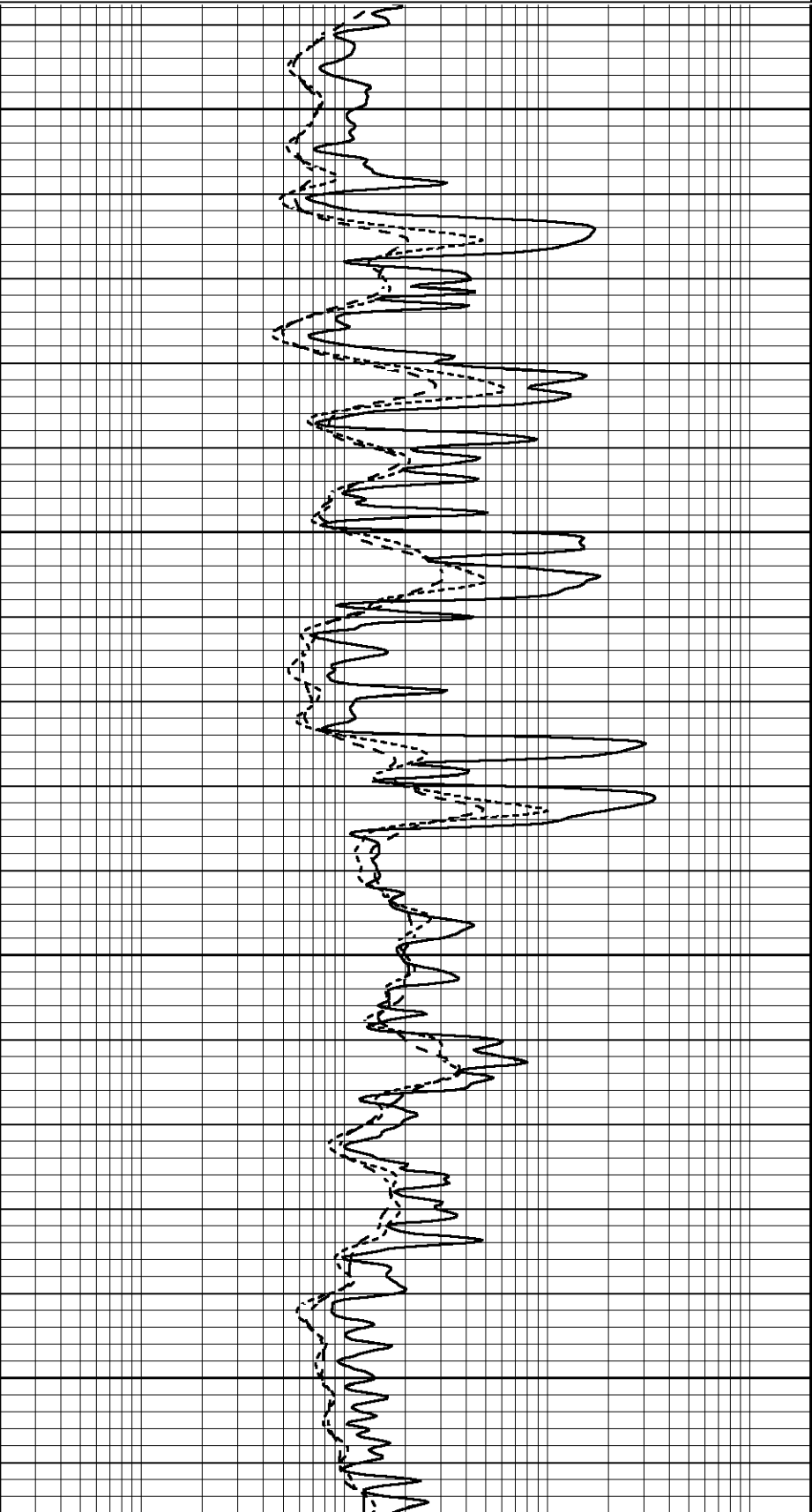


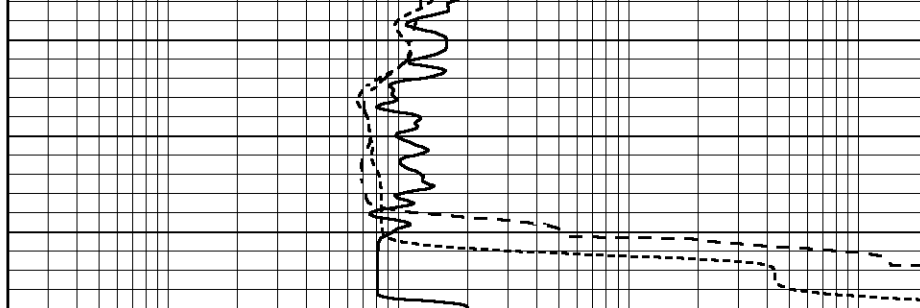
4450

4500

4550

4600





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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Database File      8481pe.db
Dataset Pathname  pass3.1M
Dataset Creation   Sun Apr 07 16:08:58 2024
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Serial-Model:	PROBE8-DILG
Surface Cal Performed:	Sun Apr 07 15:24:08 2024
Downhole Cal Performed:	Mon Aug 14 00:39:25 2023
After Survey Verification Performed:	Mon Jul 28 11:08:27 2008

Loop:	Air	Loop		Air	Loop		m	b
Deep	0.015	0.648	V	0.000	400.000	mmho/m	660.000	12.000
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

	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		

	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		

Serial: 004 Model: PRB

	Background	Magnesium	Aluminum	Aluminum+Fe	
Window 1	1154.2	10019.5	3137.9	2795.6	cps
Window 2	1054.4	8597.6	2733.4	2469.5	cps
Window 3	902.3	5241.4	1832.1	1719.3	cps
Window 4	251.9	261.1	255.8	252.9	cps
Long Space	0.0	7543.2	1679.0	1415.0	cps
Short Space	4.4	2049.3	1321.7	1116.8	cps
Rho		1.7100	2.5900	0.0000	g/cc
Pe		2.0000	2.7500	5.7900	
Rib Angle	: 43.7	Rib Slope	: 0.957	Density/Spine Ratio	: 0.562
Spine Angle	: 73.7	Spine Slope	: 3.426	Spine Intercept	: -17.2

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	

Compensated Neutron Calibration Report

Serial Number: 070808PMC
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:070558

Tool Model:OPEN_GR

Performed:Wed Mar 20 11:08:27 2024

Calibrator Value:1.0

GAPI

Background Reading:0.0

cps

Calibrator Reading:1.0

cps

Sensitivity:0.3000

GAPI/cps