



DUAL INDUCTION LOG

Company	C. G. OIL COMPANY, LLC.		
Well	MRS #1		
Field	AIR BASE		
County	ELLIS	State	KANSAS
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Well	MRS #1		
Field	AIR BASE		
County	ELLIS	State	KANSAS
Location:	API # : 15-051-26963-0000		Other Services CDL/CNL MEL
Permanent Datum GROUND LEVEL Elevation 1946			
Log Measured From KELLY BUSHING 8' A.G.L.			
Drilling Measured From KELLY BUSHING			
Date	8/14/19		
Run Number	ONE		
Depth Driller	3510		
Depth Logger	3512		
Bottom Logged Interval	3510		
Top Log Interval	00		
Casing Driller	8 5/8" @ 1063'		
Casing Logger	1063		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 4,500 PPM	
Density / Viscosity	8.9/55		
pH / Fluid Loss	11.0/9.2		
Source of Sample	FLOWLINE		
Rin @ Meas. Temp	.680 @ 72F		
Rmf @ Meas. Temp	.510 @ 72F		
Rmc @ Meas. Temp	.816 @ 72F		
Source of Rmf / Rmc	MEASUREMENT		
Rin @ BHT	.437 @ 112F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	11:45 P.M.		
Maximum Recorded Temperature	112F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	ROGER FISHER	RON SCHMIDTBERGER	TERRY PIESKER

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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, KANSAS (785) 628-6395
DIRECTIONS
VICTORIA & I-70, 3N. TO "FAIRGROUND RD.", 3 1/2E., S. INTO @TANK BATTERY



MAIN SECTION

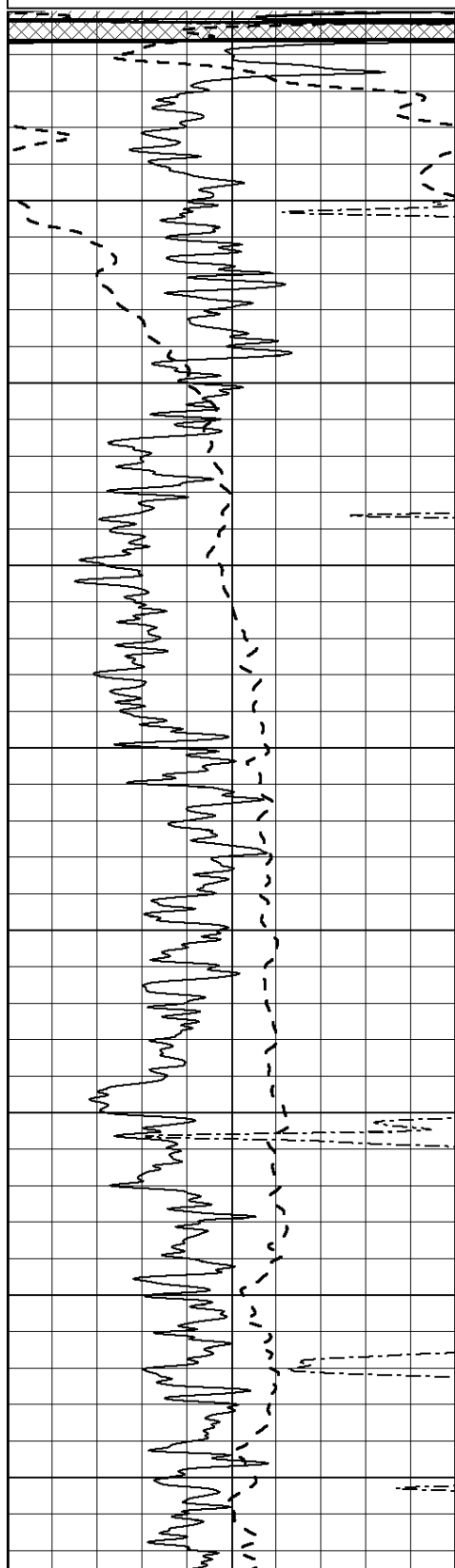
Database File: 3953ddn.db
 Dataset Pathname: pass3.4
 Presentation Format: dil2
 Dataset Creation: Thu Aug 15 00:38:51 2019 by Calc SOC 120430
 Charted by: Depth in Feet scaled 1:600

0	Gamma Ray (GAPI)	150
-100	SP (mV)	100
0	RWA (Ohm-m)	1

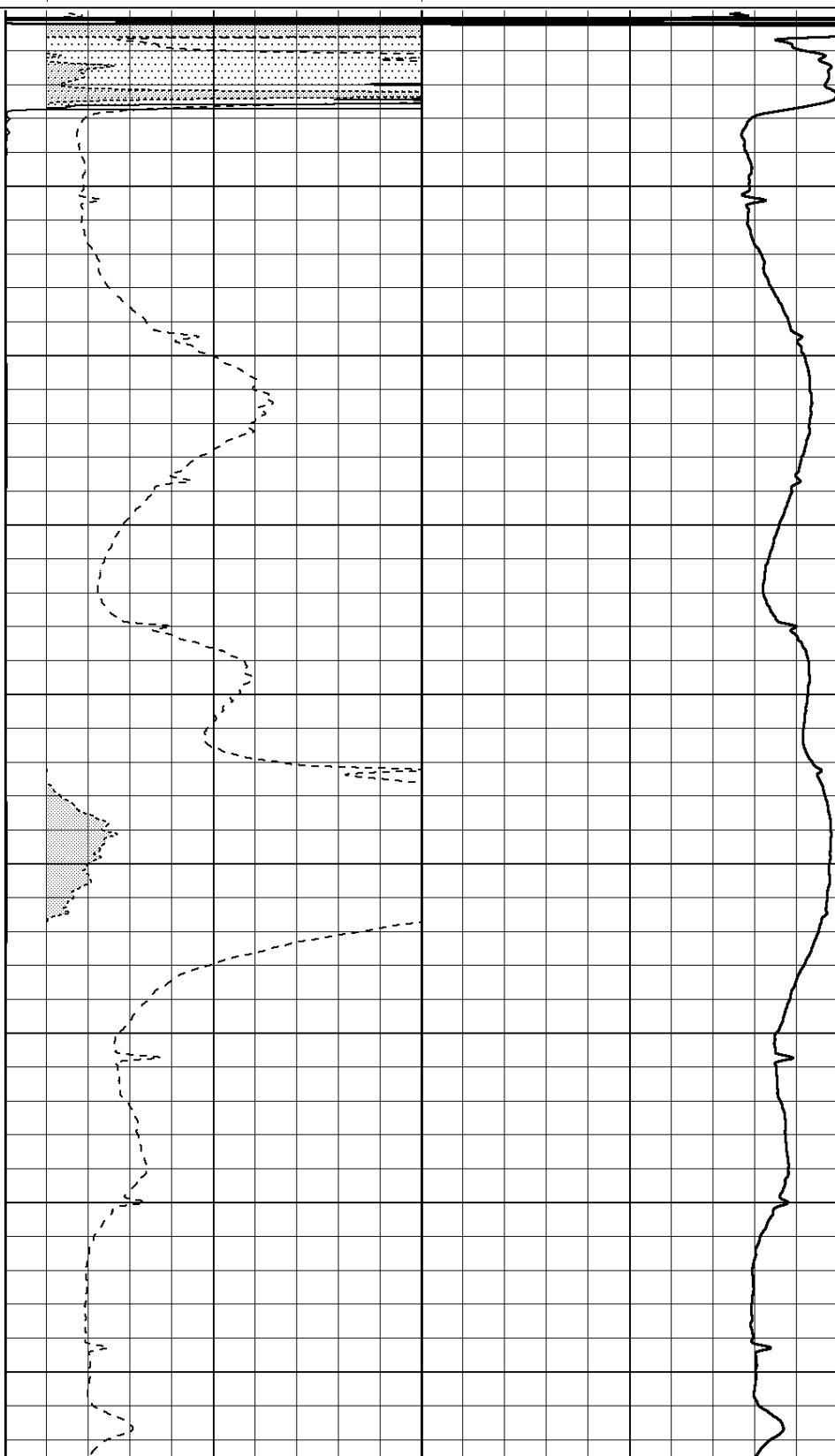
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0	RILD (Ohm-m)	50

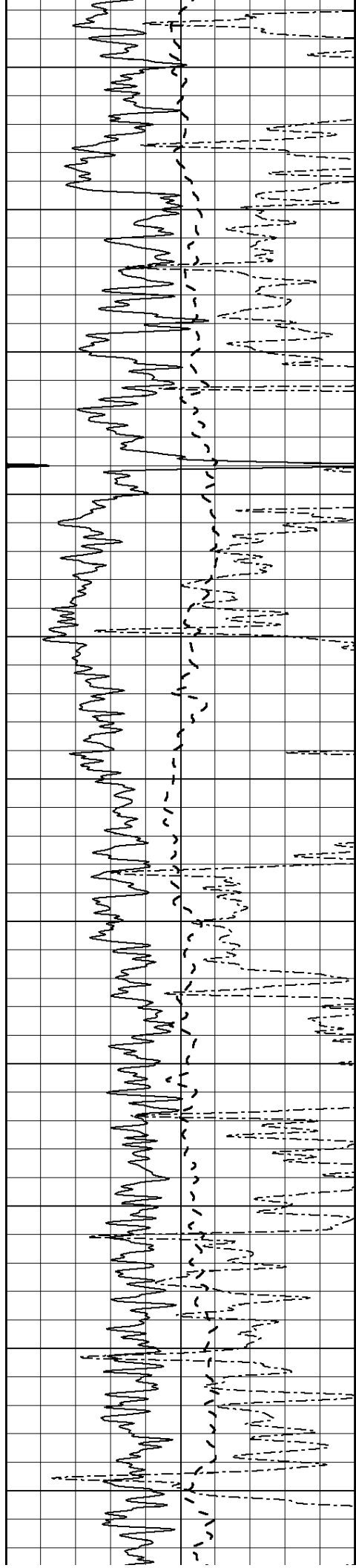
1000	CILD (mmho/m)	0
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50	RILD X10 (Ohm-m)	500
50	RLL3 X10 (Ohm-m)	500



0
50
100
150
200
250
300
350
400





450

500

550

600

650

700

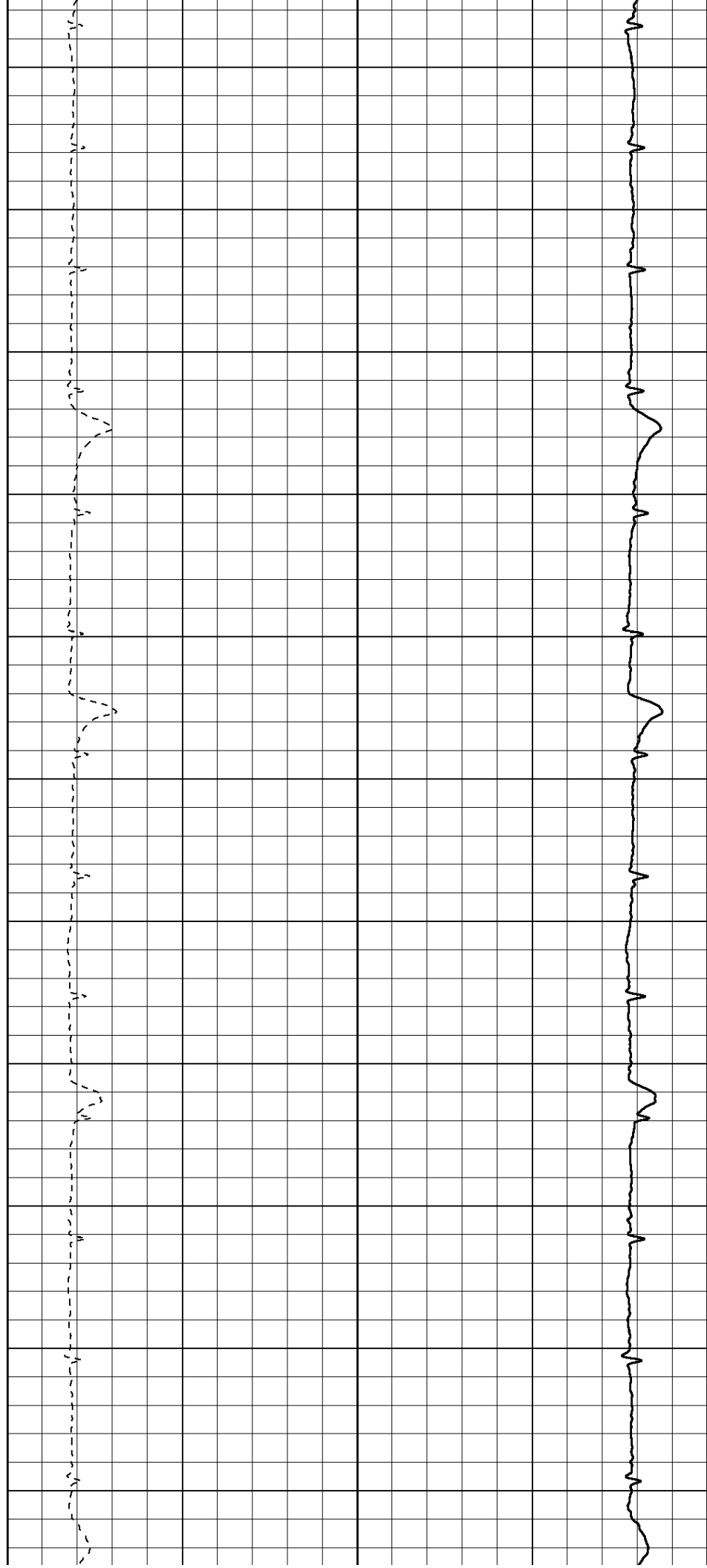
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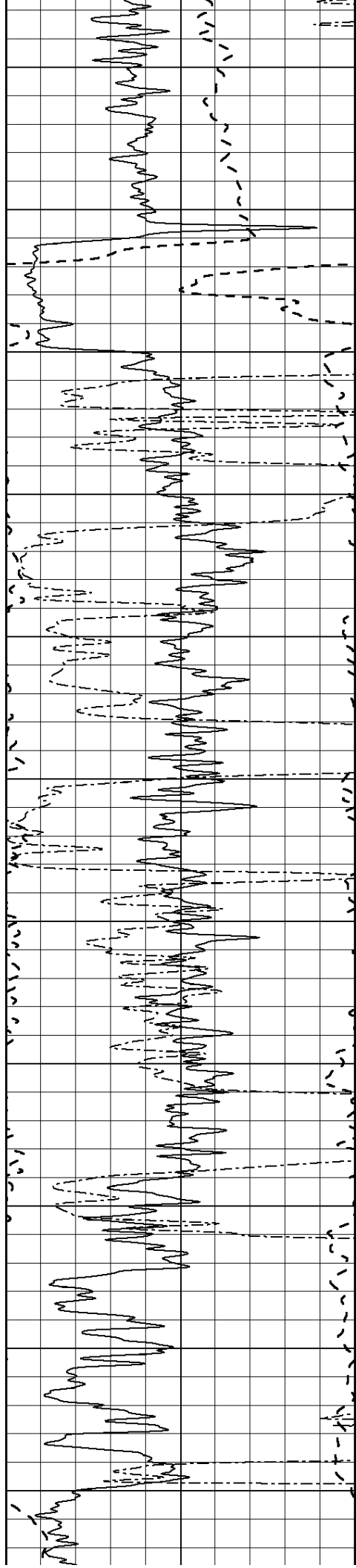
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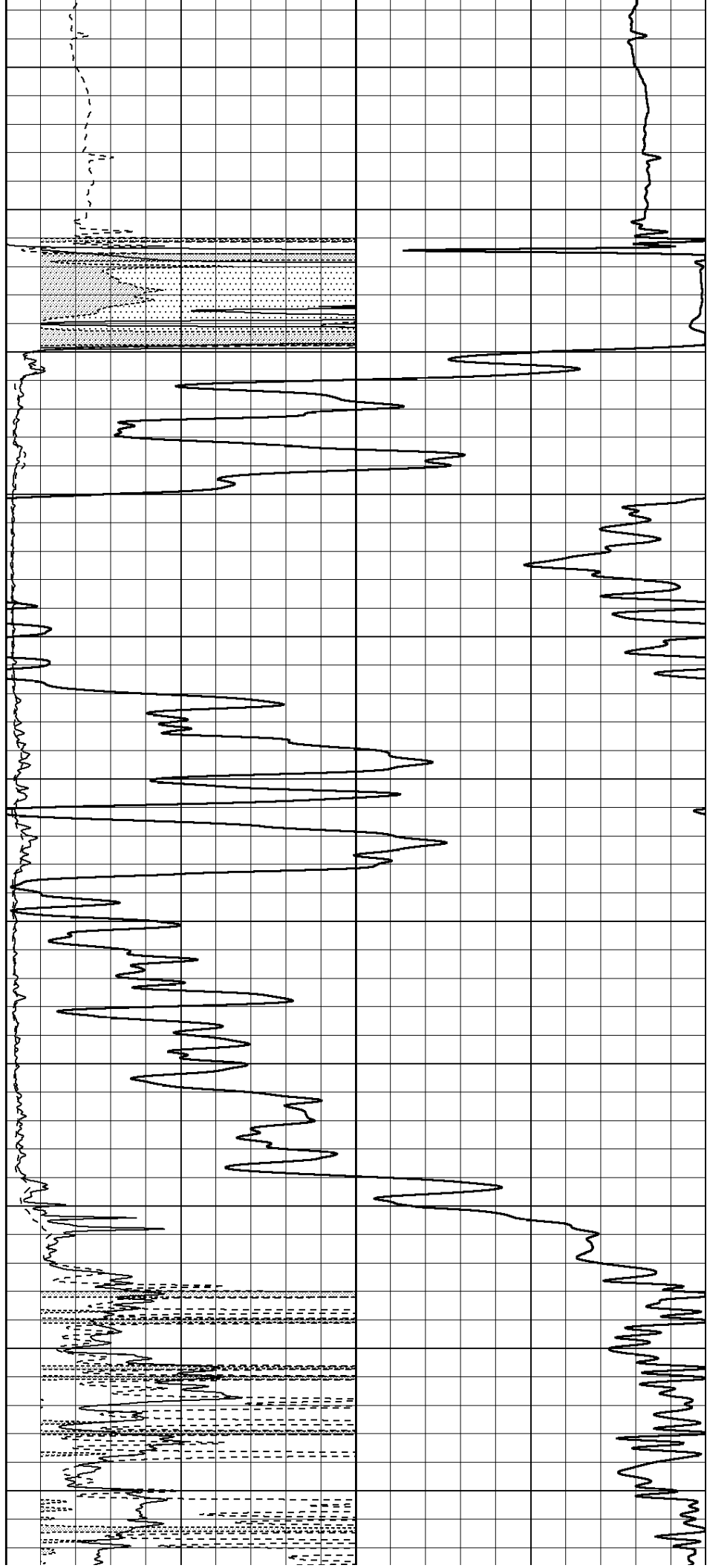
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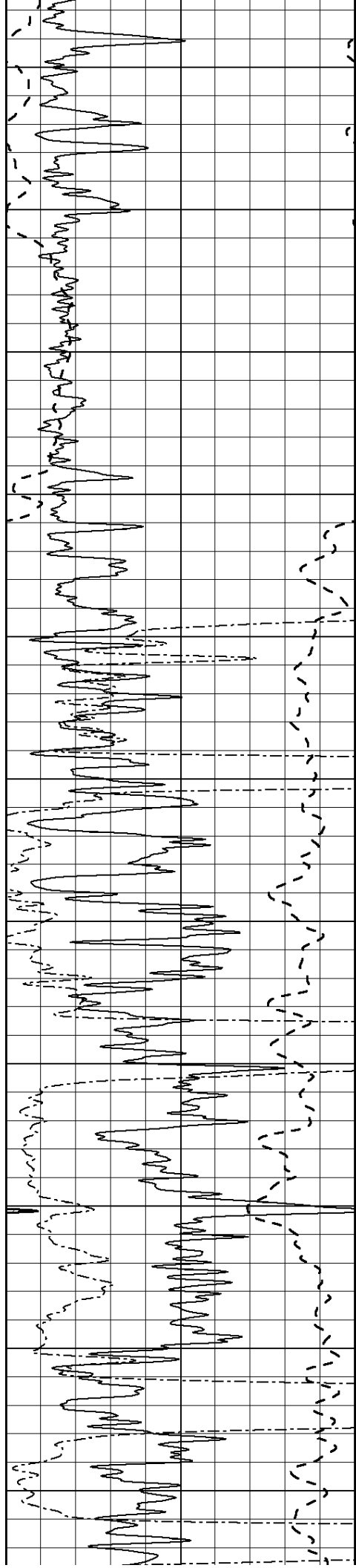
950





1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
1500





1550

1600

1650

1700

1750

1800

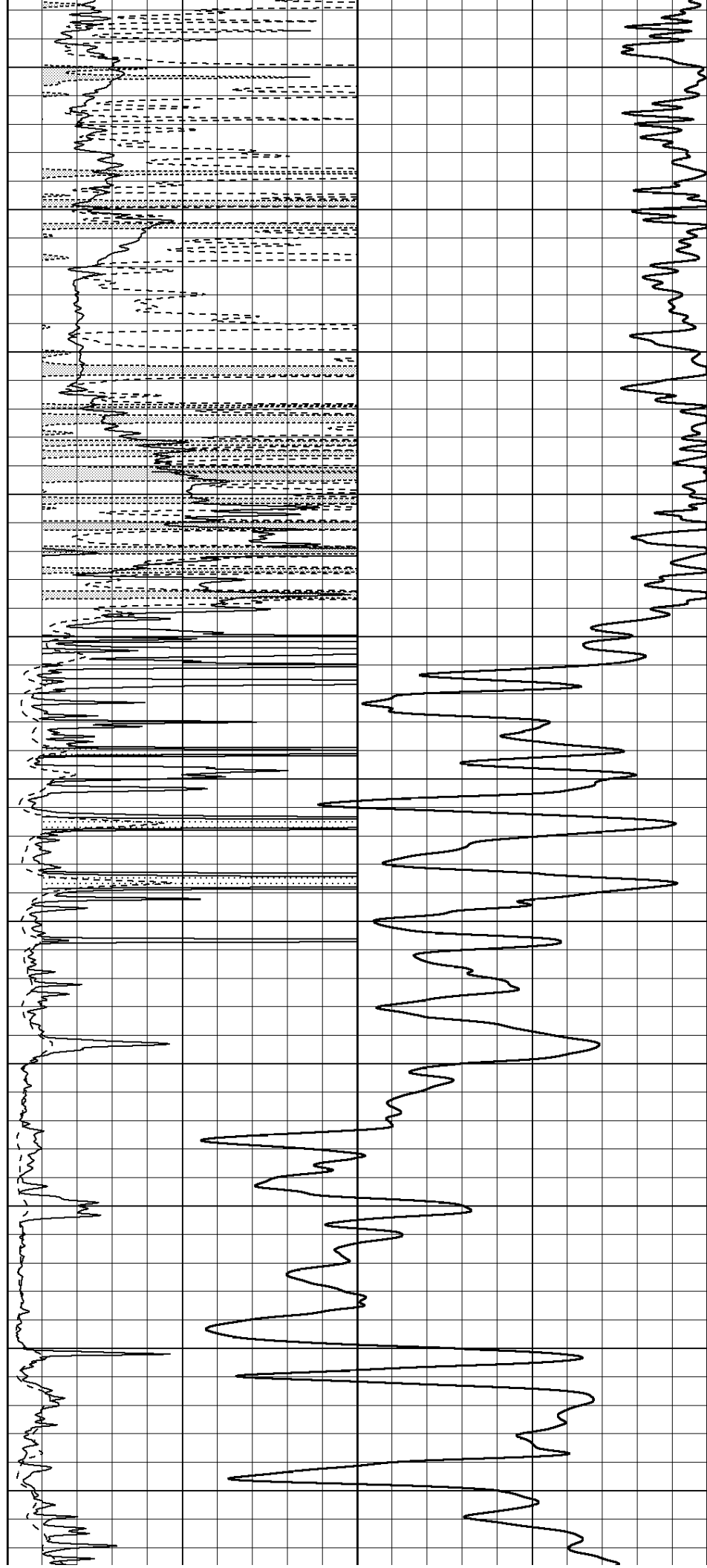
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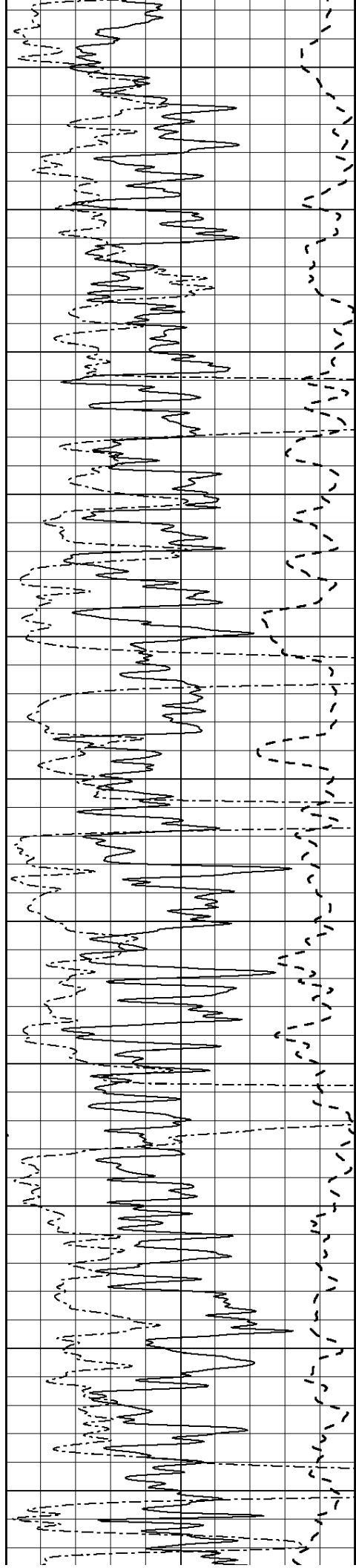
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1950

2000

2050





2100

2150

2200

2250

2300

2350

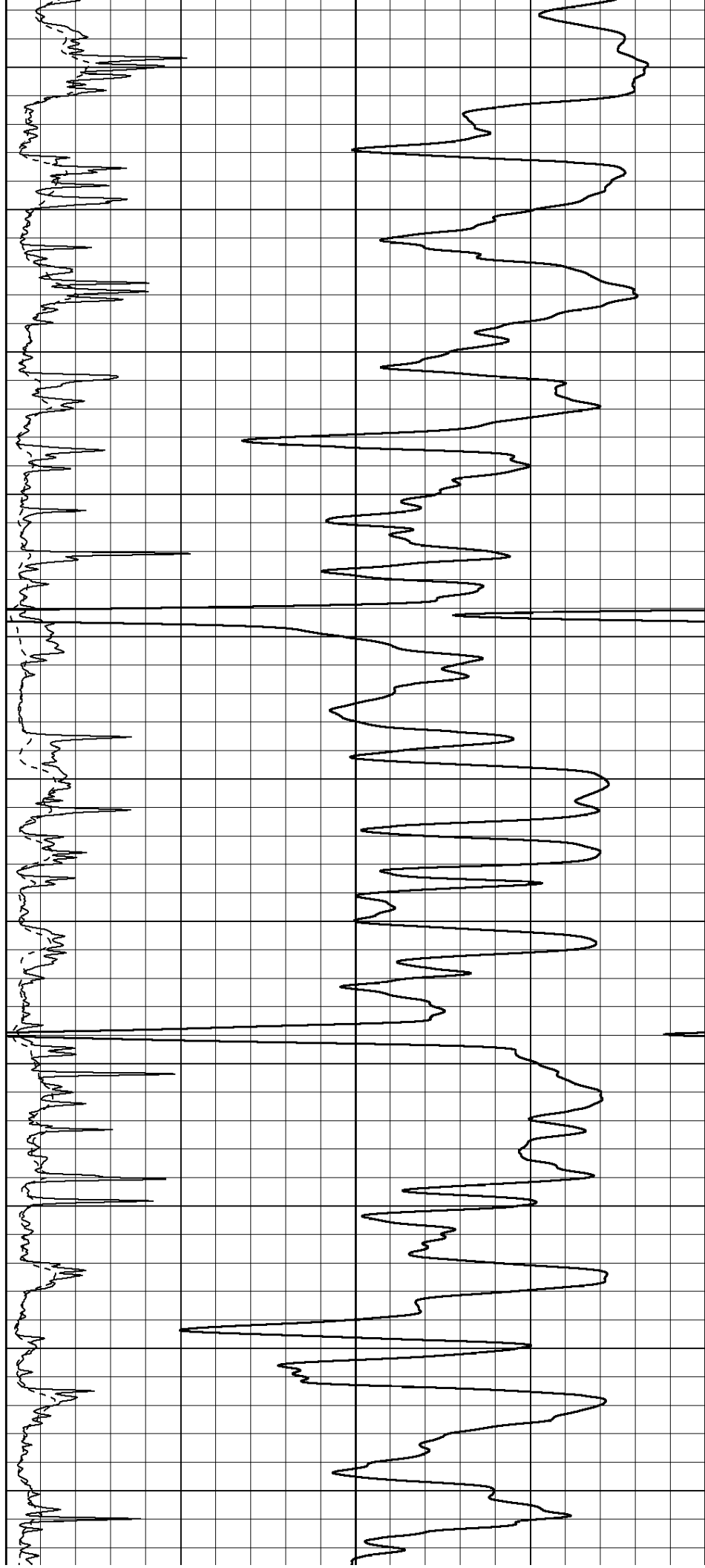
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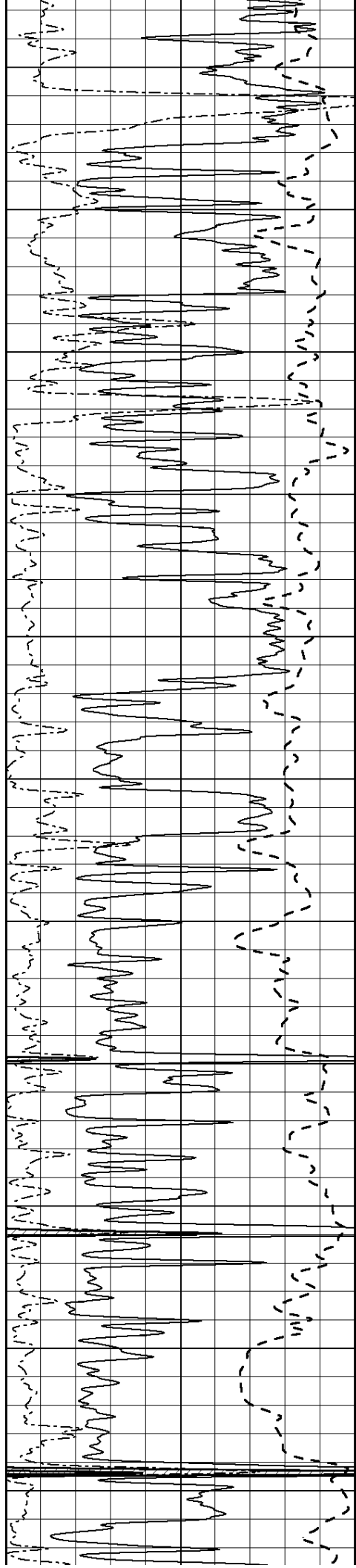
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2500

2550

2600





2650

2700

2750

2800

2850

2900

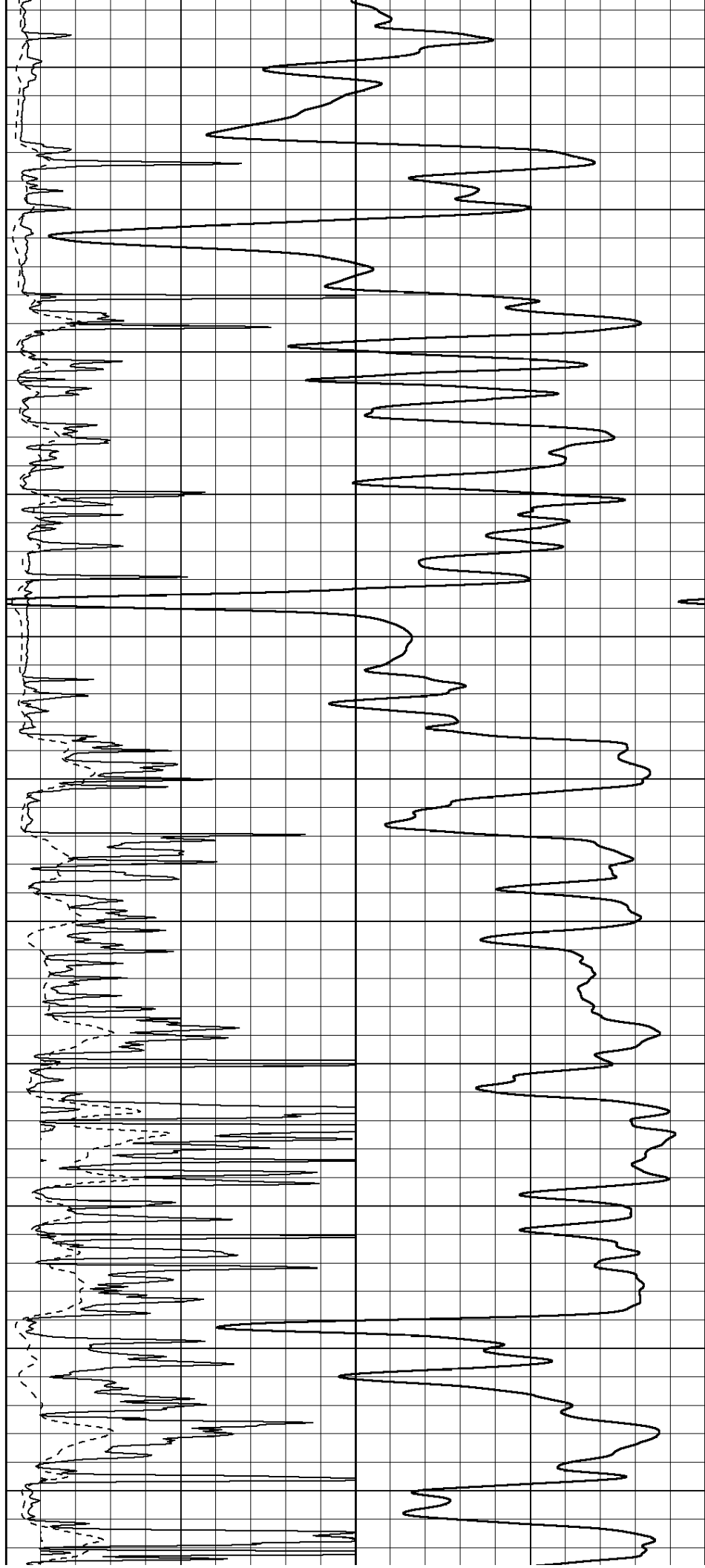
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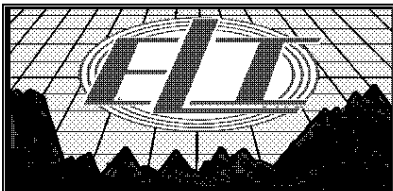
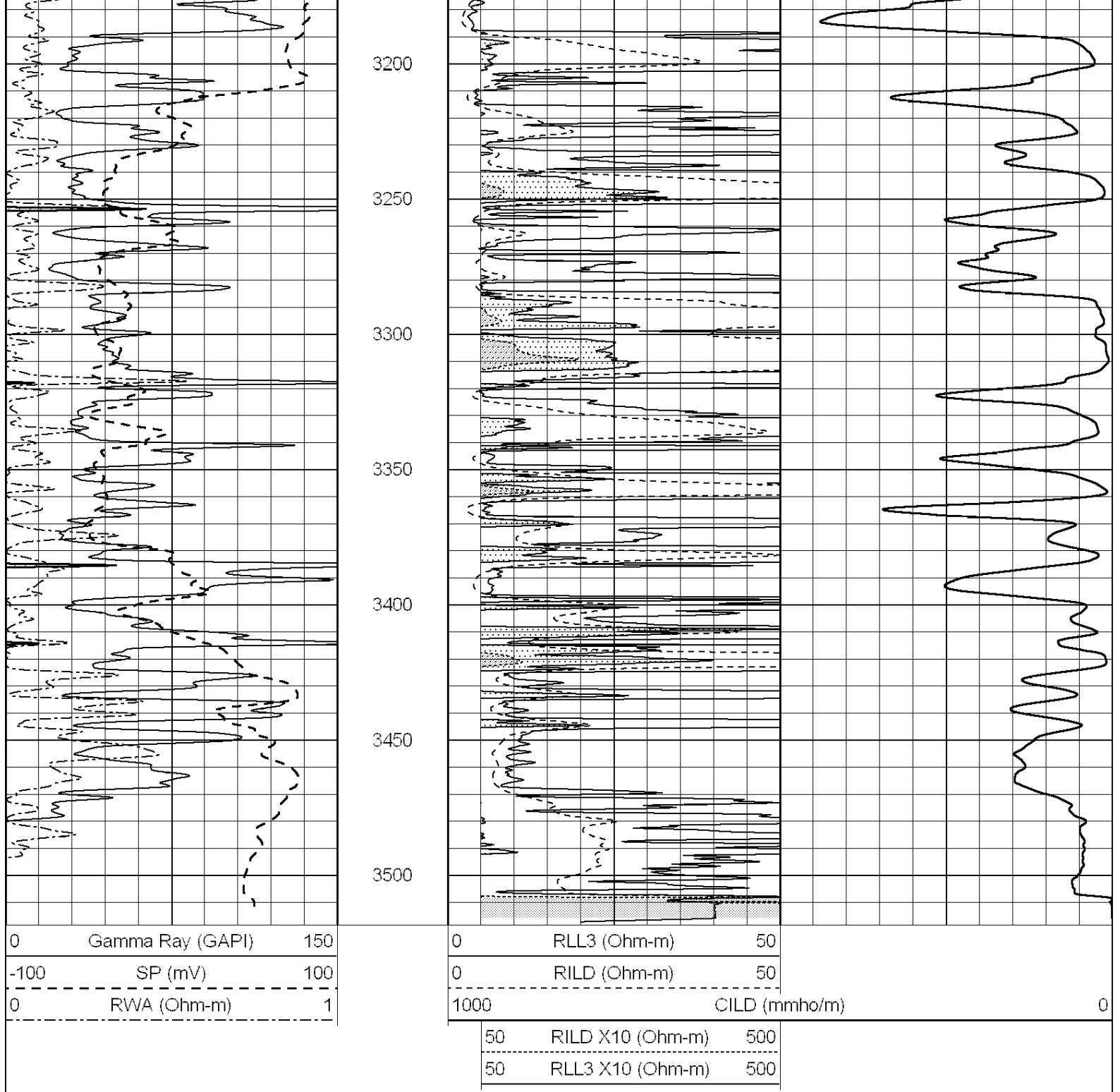
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3050

3100

3150

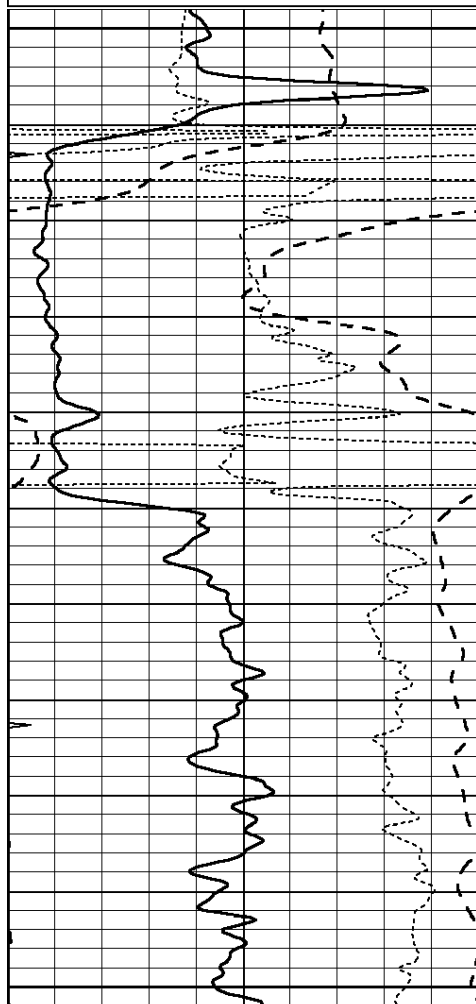




ANHYDRITE

Database File: 3953ddn.db
Dataset Pathname: pass3.5
Presentation Format: _dil
Dataset Creation: Thu Aug 15 00:41:00 2019 by Calc SOC 120430
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	DEEP INDUCTION (Ohm-m)	2000
-250	Rxo/Rt	50	0.2	MEDIUM INDUCTION (Ohm-m)	2000

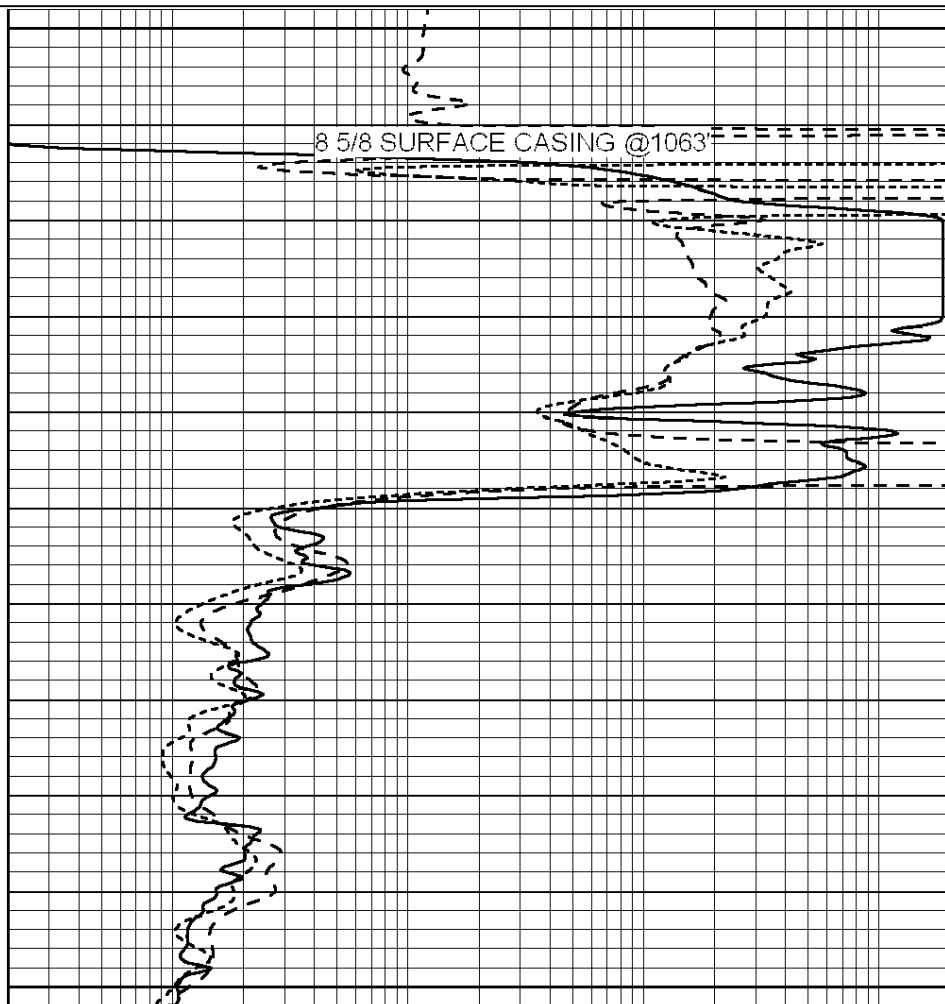


0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	20

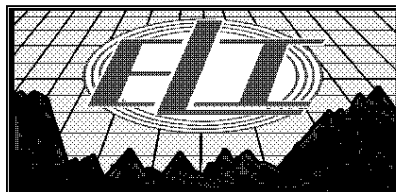
1050

1100

1150



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



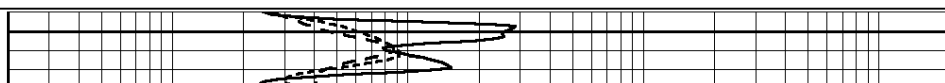
MAIN SECTION

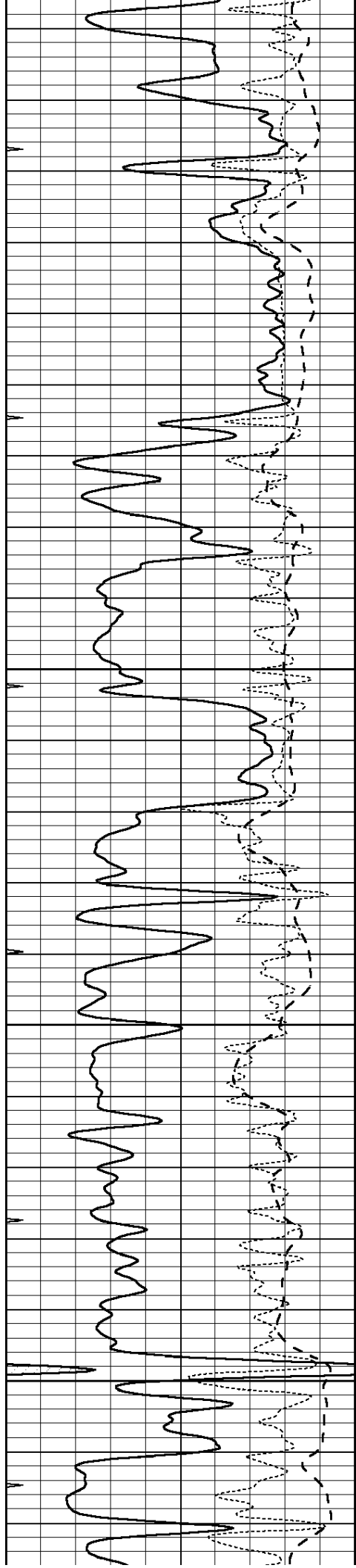
Database File: 3953ddn.db
 Dataset Pathname: pass3.4
 Presentation Format: _dil
 Dataset Creation: Thu Aug 15 00:38:51 2019 by Calc SOC 120430
 Charted by: Depth in Feet scaled 1:240

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



2800



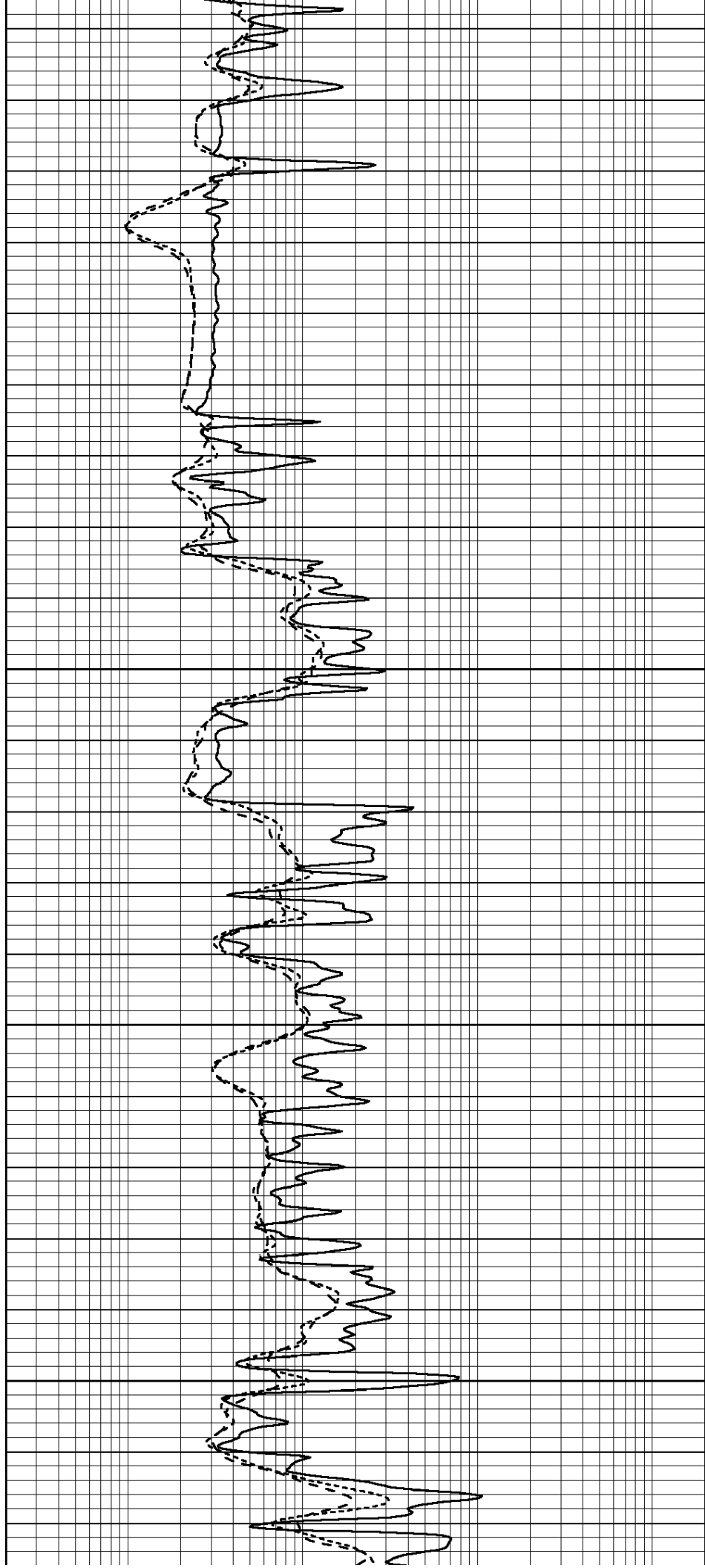


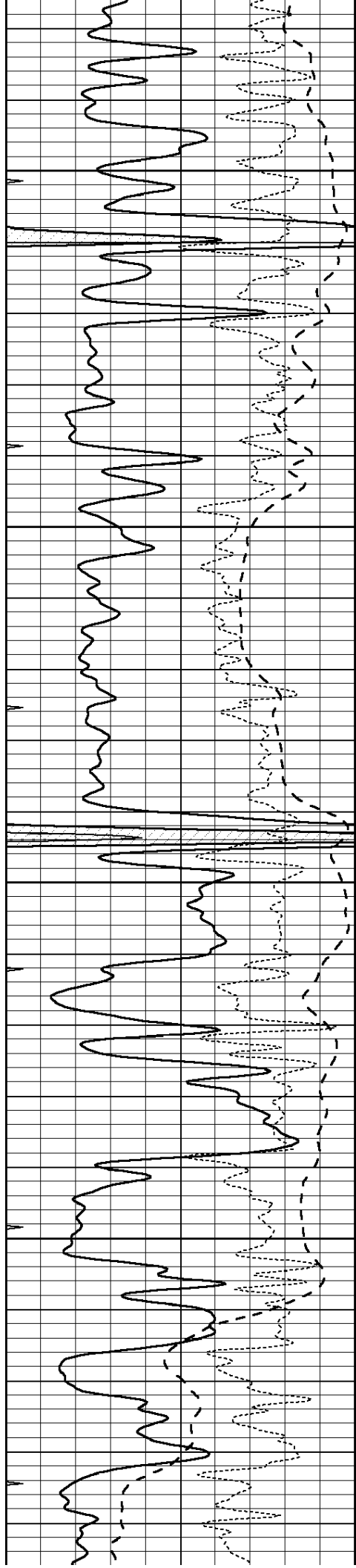
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2900

2950

3000



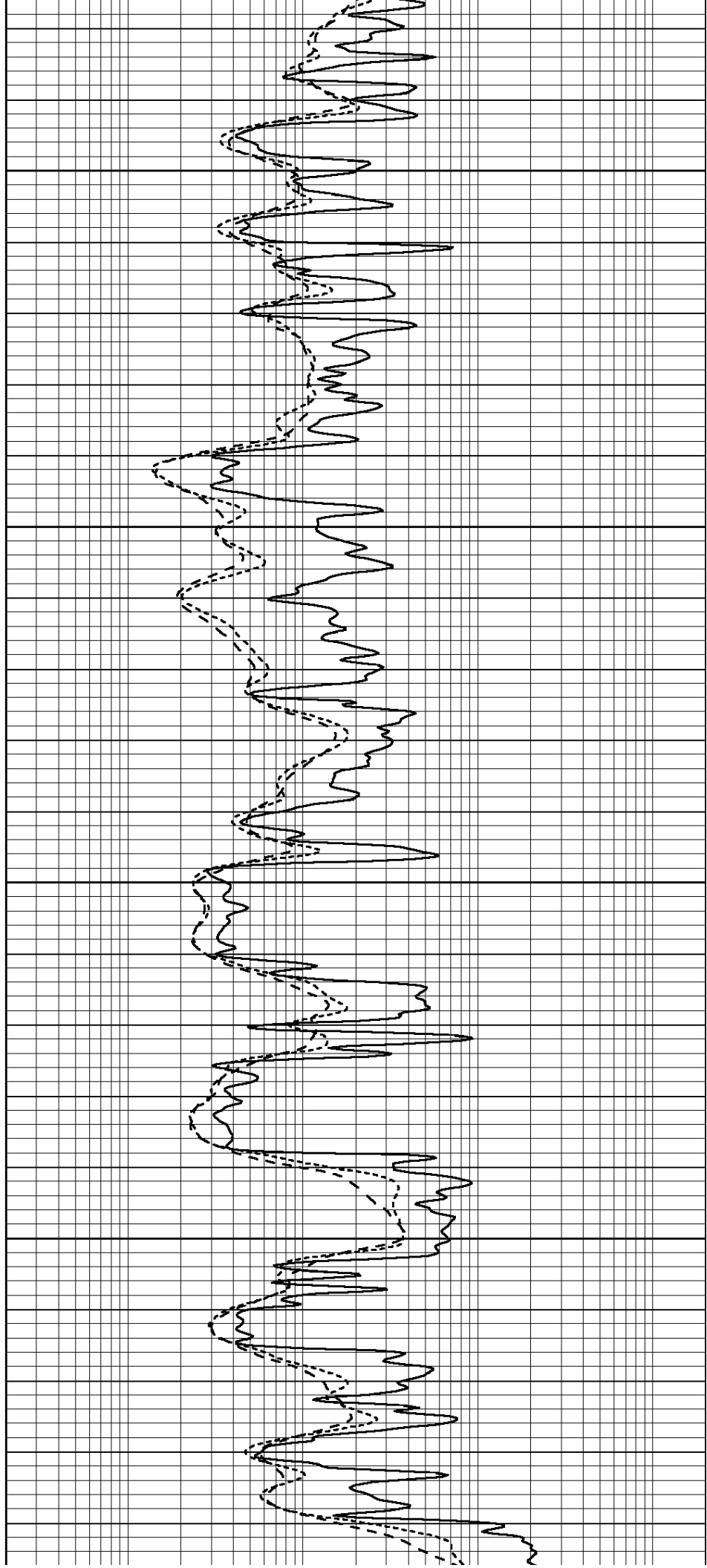


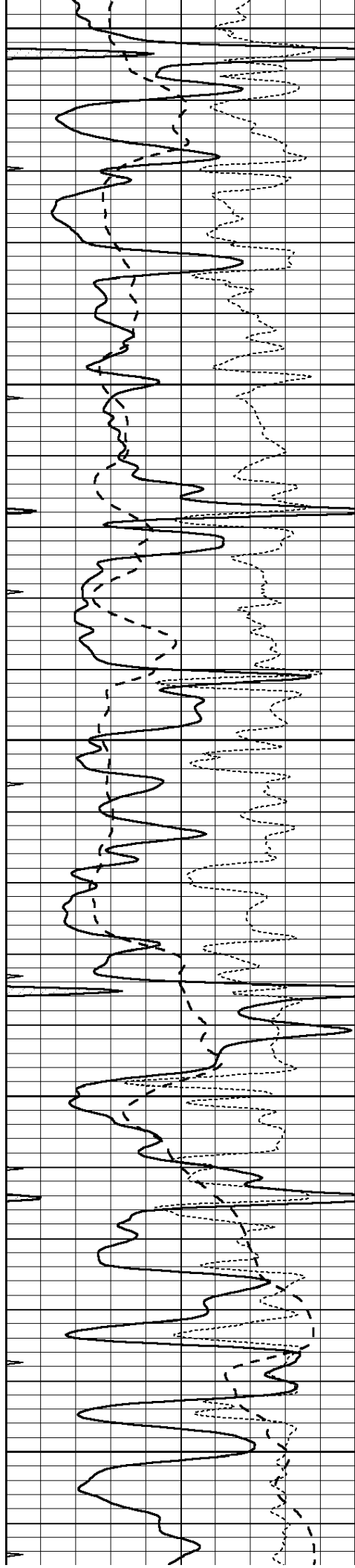
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3100

3150

3200





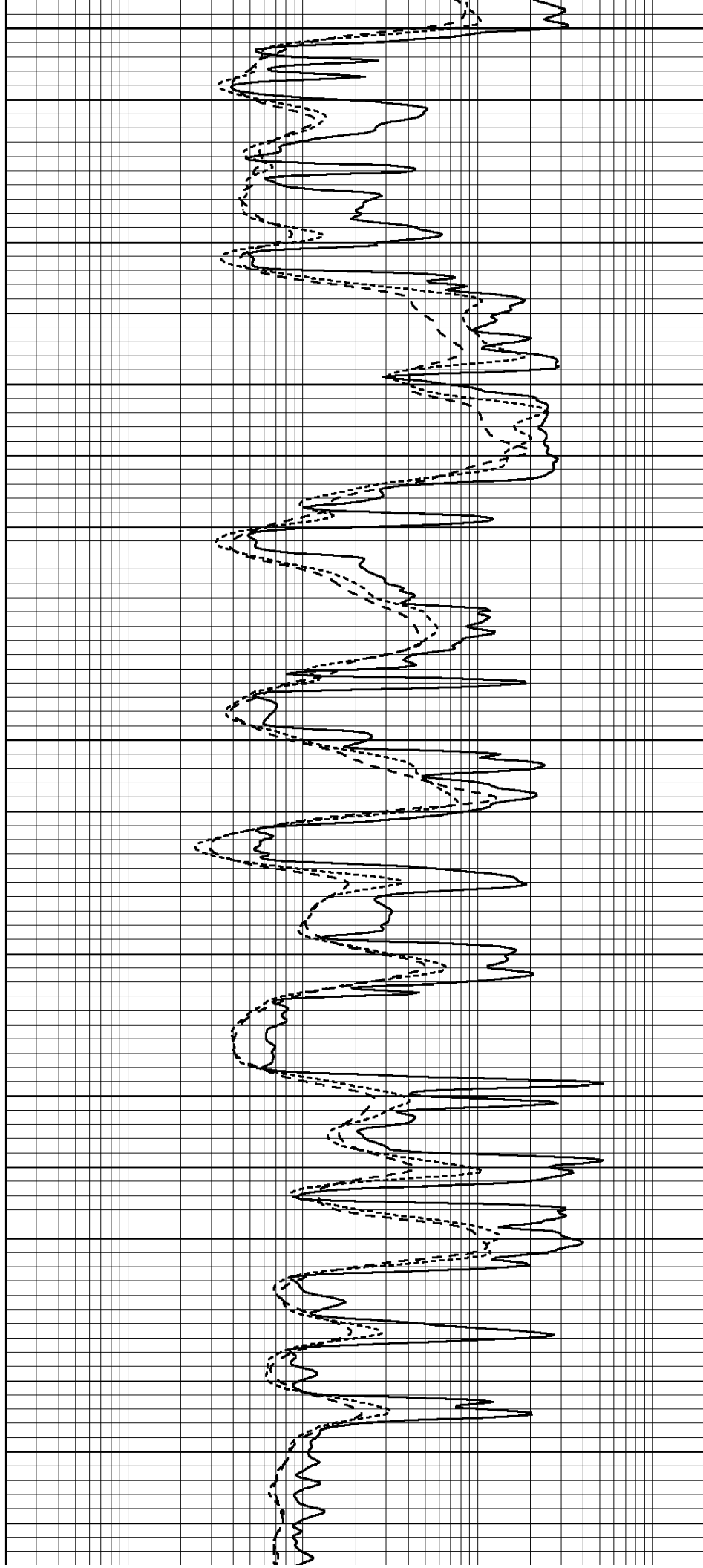
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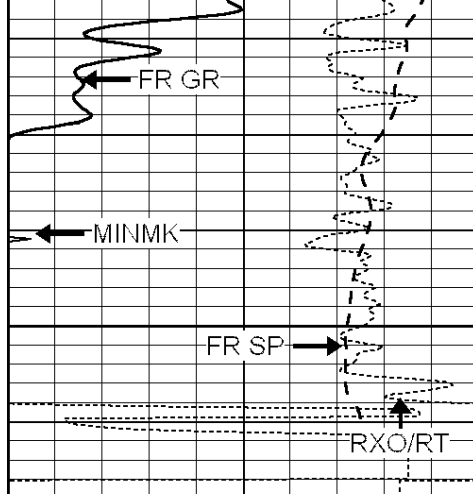
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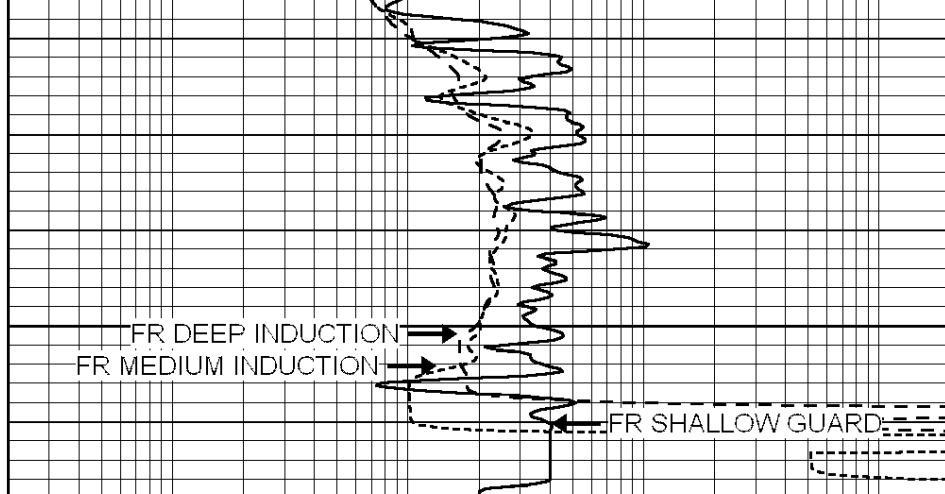
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3450

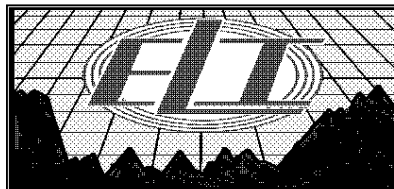




0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	20



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

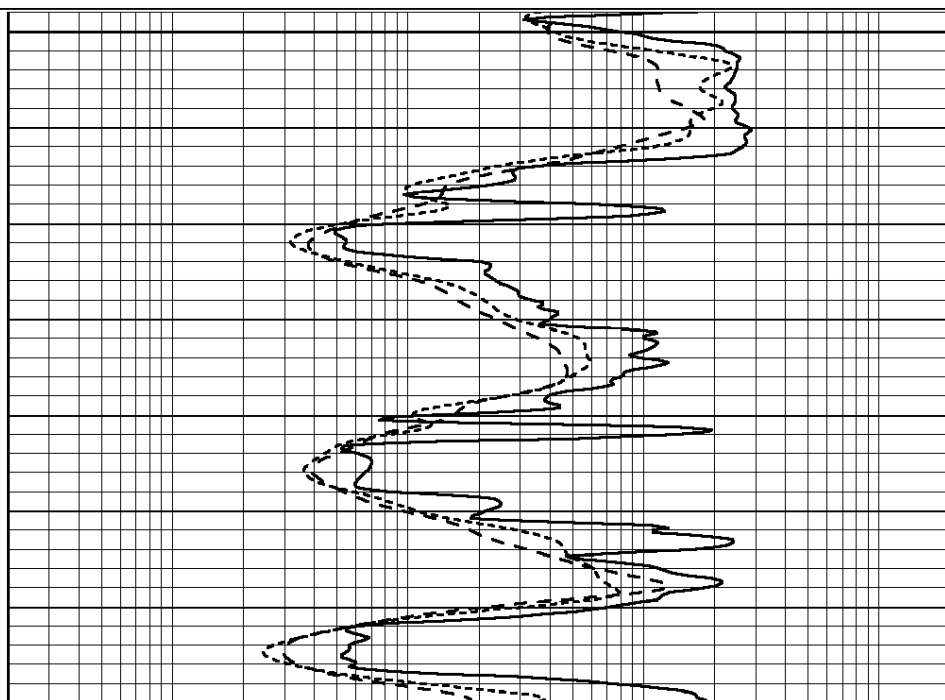
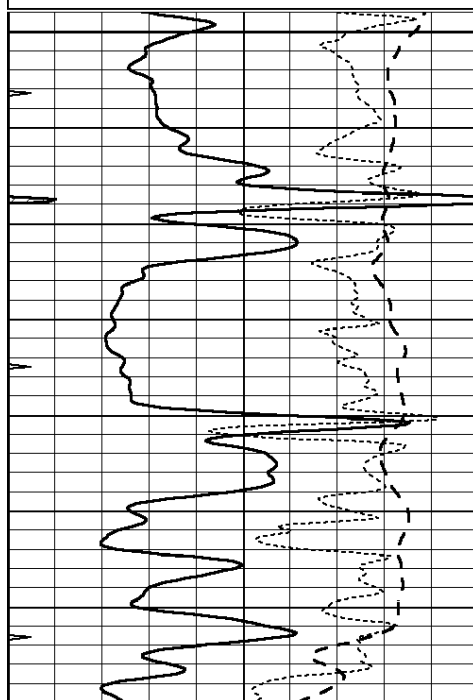


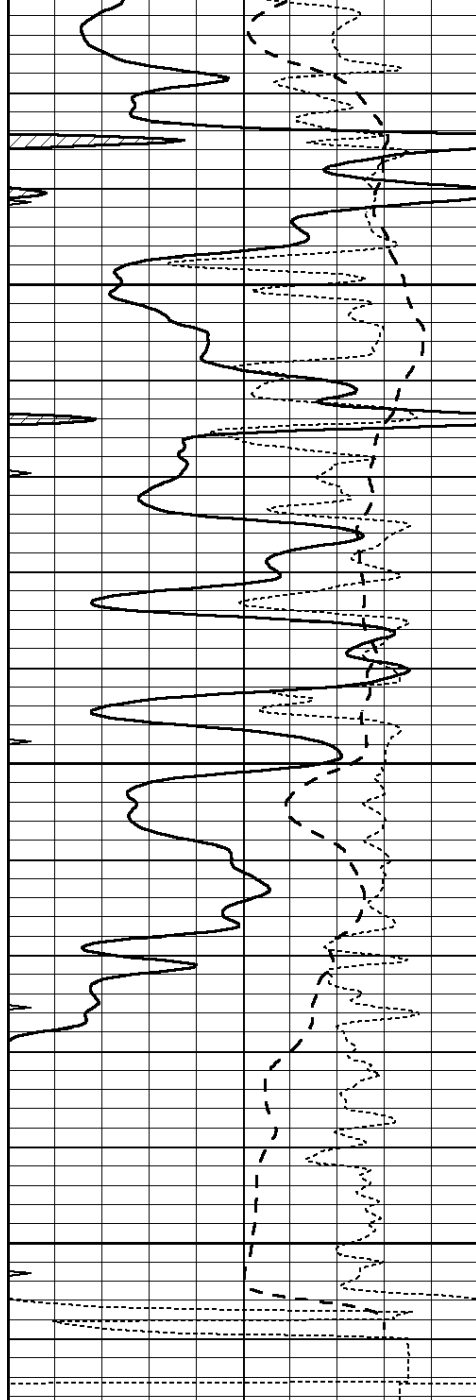
REPEAT SECTION

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 Presentation Format: _dil
 Dataset Creation: Wed Aug 14 23:51:22 2019 by Calc SOC 120430
 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



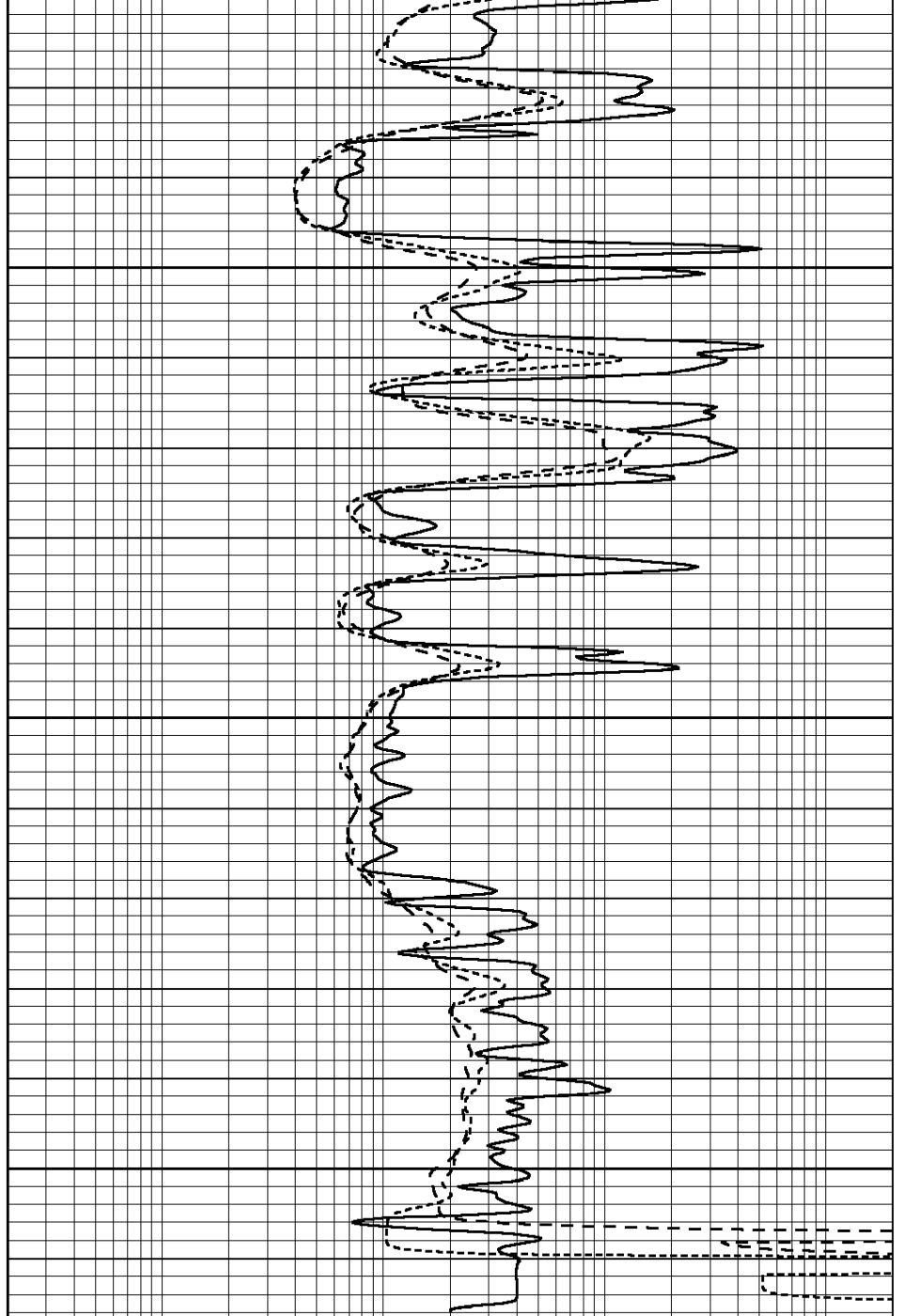


0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	20

3400

3450

3500



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