



**COMPLETION
& PRODUCTION
SERVICES CO.**

**DUAL
INDUCTION
LOG**

Company	BLUERIDGE PETROLEUM CORP.	Company	BLUERIDGE PETROLEUM CORP.
Well	PEMBER #1-27	Well	PEMBER #1-27
Field		Field	
County	NESS	County	NESS
State	KANSAS	State	KANSAS
Location:	API # : 15-135-25605 1440' FSL & 1811' FEL	Other Services CDL/CNL SONIC/MEL	
Permanent Datum	GROUND LEVEL	Elevation	
Log Measured From	KELLY BUSHING 5' A.G.L.	K.B. 2517	
Drilling Measured From	KELLY BUSHING	D.F.	
		G.L. 2512	
Date	6-8-13		
Run Number	ONE		
Depth Driller	4525		
Depth Logger	4520		
Bottom Logged Interval	4518		
Top Log Interval	00		
Casing Driller	222		
Casing Logger	218		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.4 / 50		
pH / Fluid Loss	10.0 / 8.2		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.90 @ 93F		
Rmf @ Meas. Temp	0.68 @ 93F		
Rmc @ Meas. Temp	1.08 @ 93F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.700 @ 120F		
Time Circulation Stopped	3 HOURS		
Time Logger on Bottom	11:30 P.M.		
Maximum Recorded Temperature	120F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	KURT TALBOTT		

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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

NABORS COMPLETION & PRODUCTION SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: NESS CITY, 14W, N INTO.



**COMPLETION
& PRODUCTION**

MAIN SECTION

Database File: 010189ddn.db
 Dataset Pathname: pass3.1A
 Presentation Format: _dil2
 Dataset Creation: Thu May 09 01:01:12 2013
 Charted by: Depth in Feet scaled 1:600

0 Gamma Ray (GAPI) 150

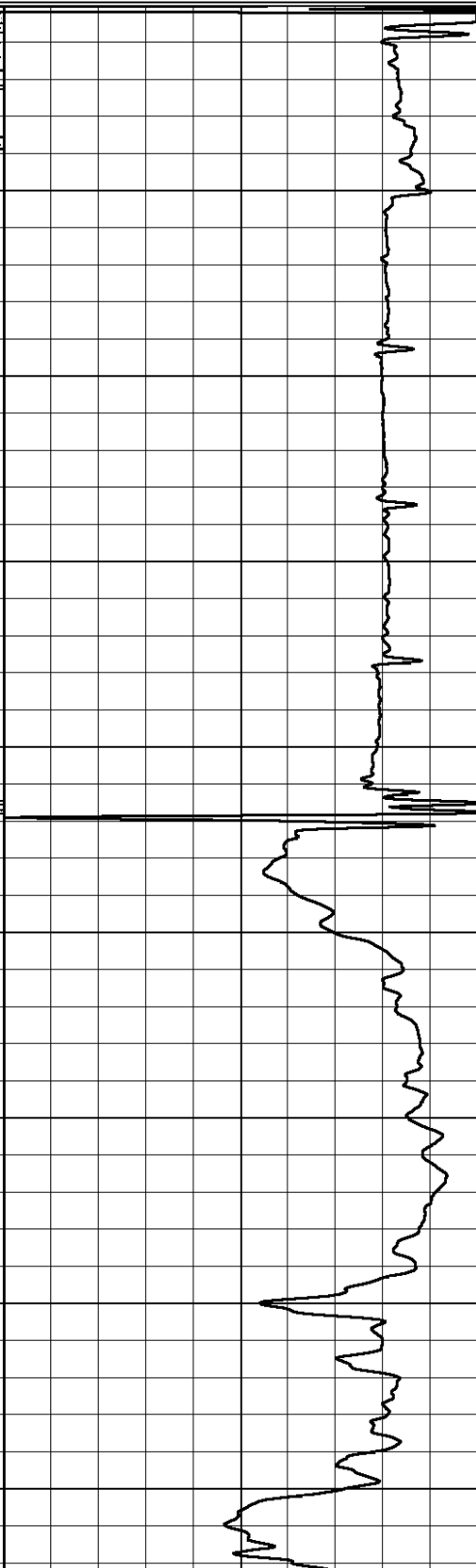
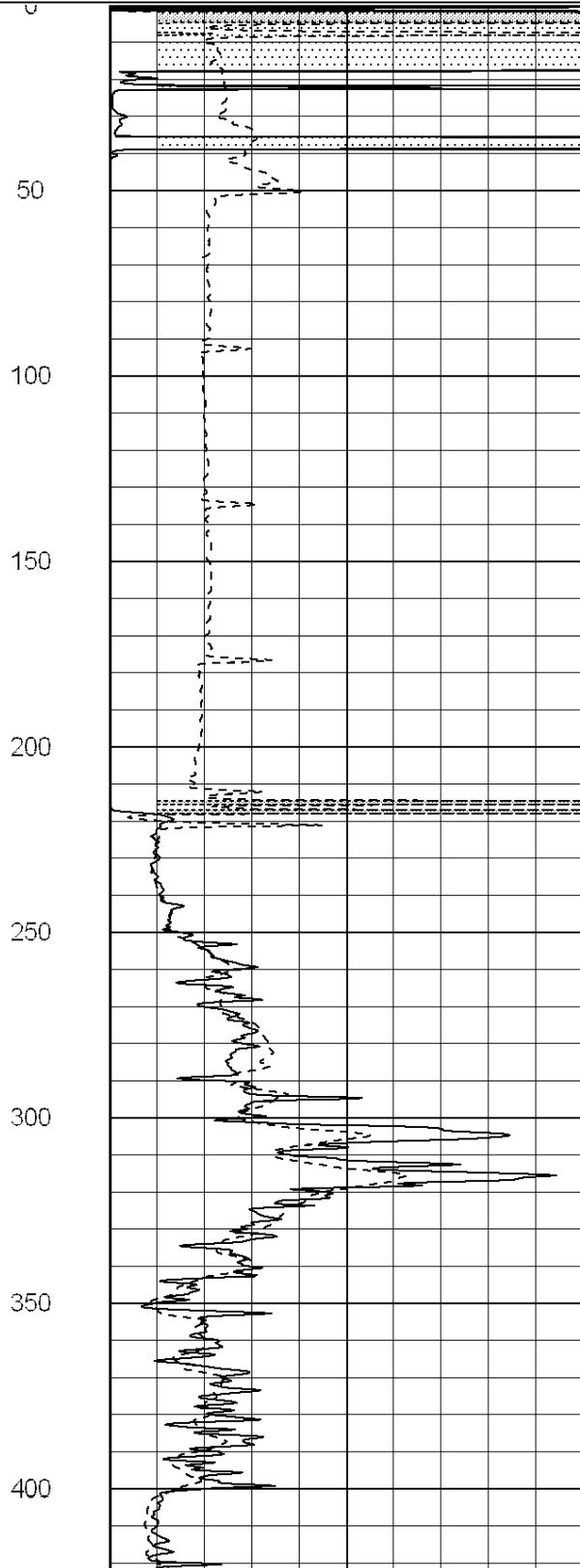
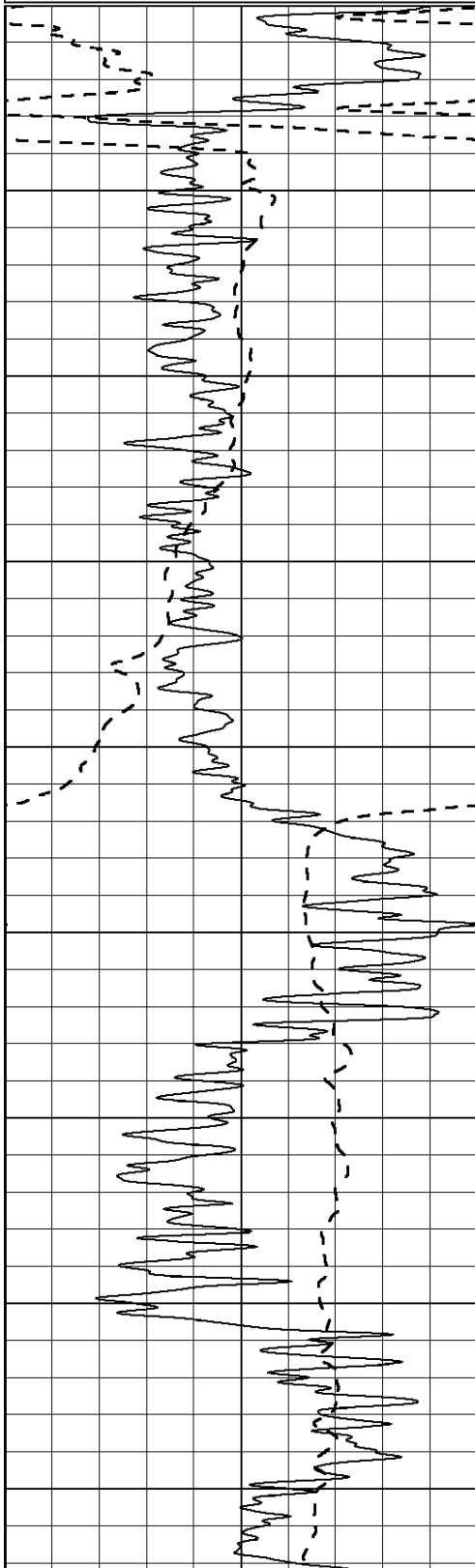
0 RLL3 (Ohm-m) 50

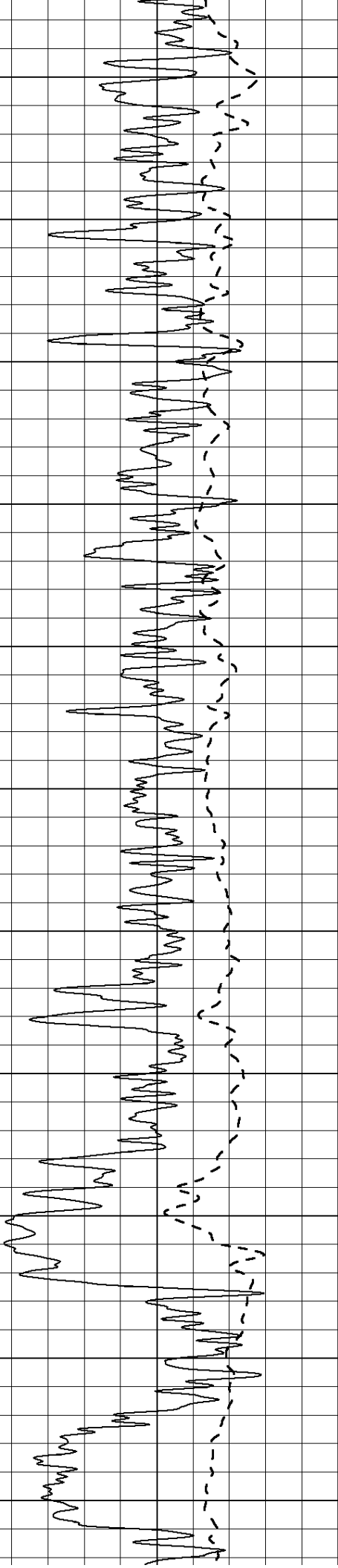
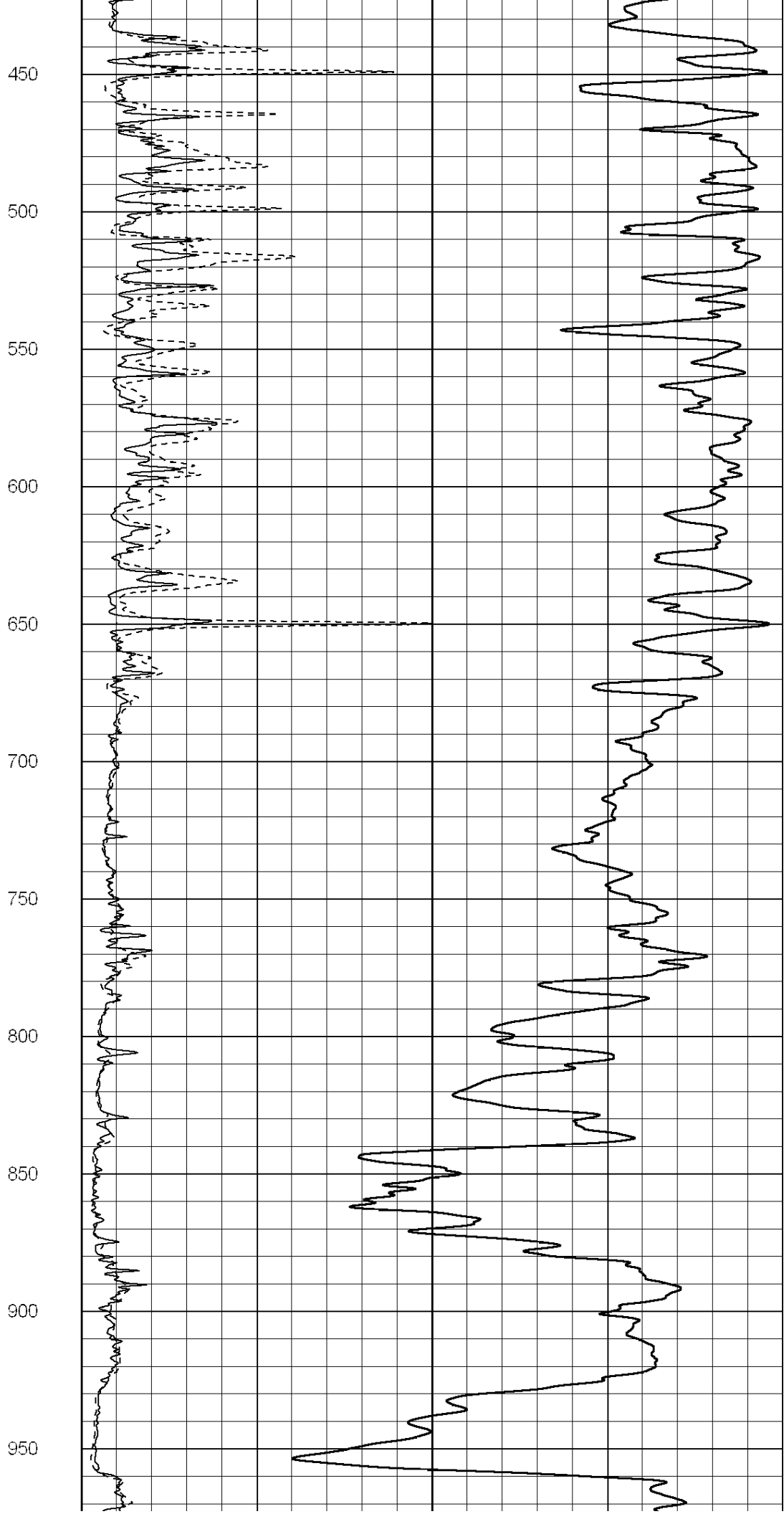
0 Deep Induction (Ohm-m) 50

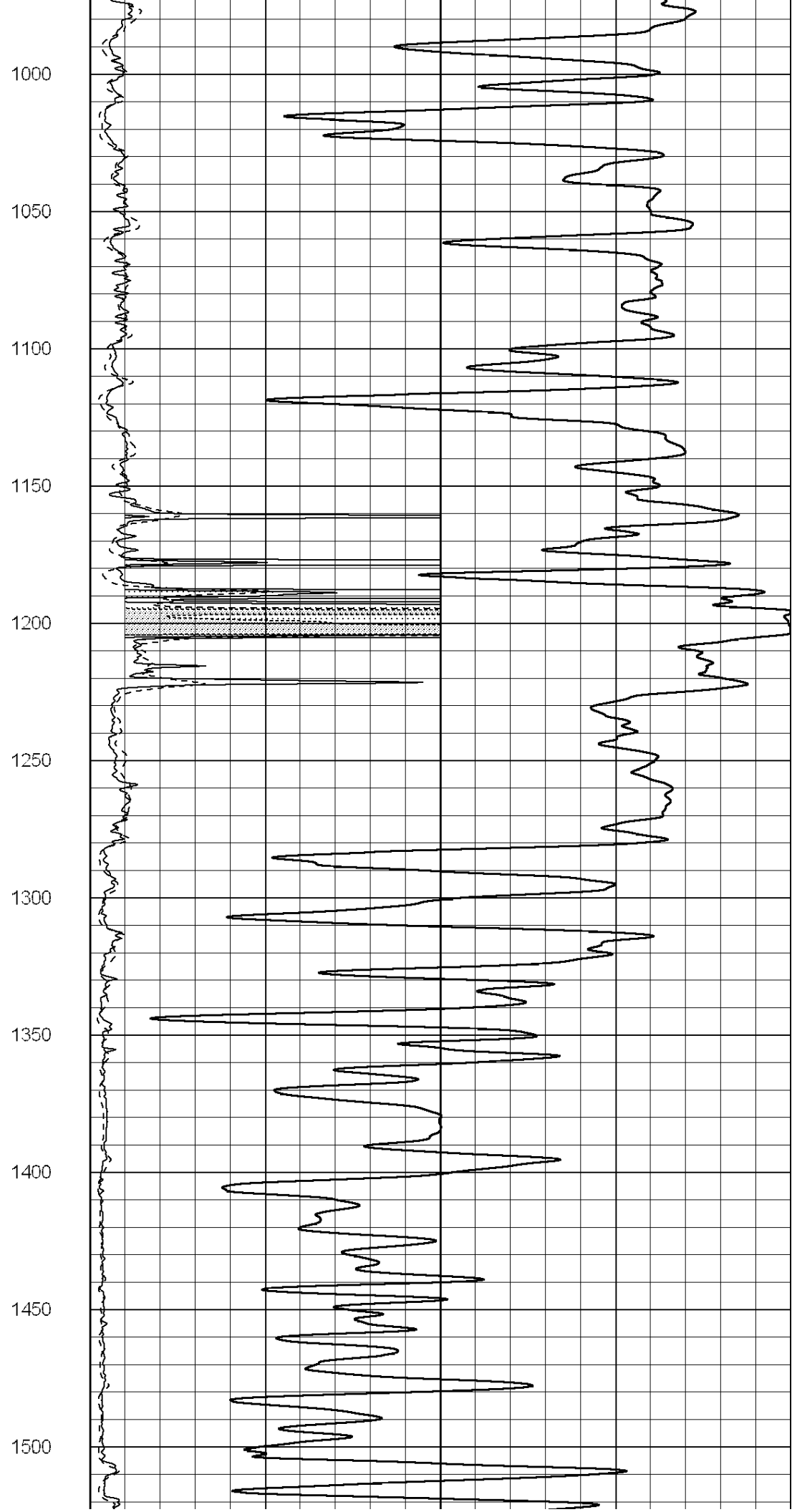
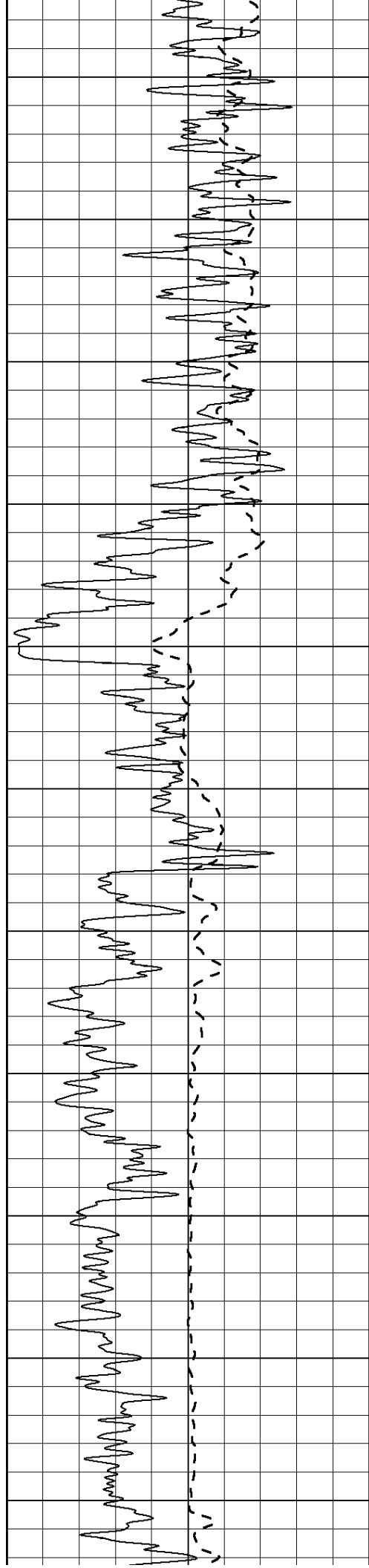
1000 CILD (mmho/m) 0

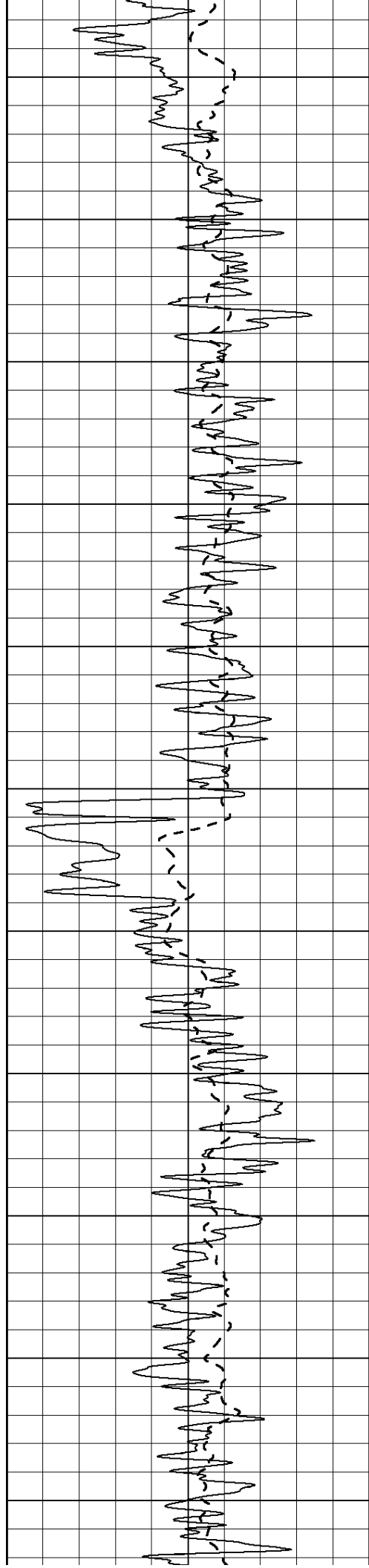
50 RILD X10 (Ohm-m) 500

50 RLL3 X10 (Ohm-m) 500









1550

1600

1650

1700

1750

1800

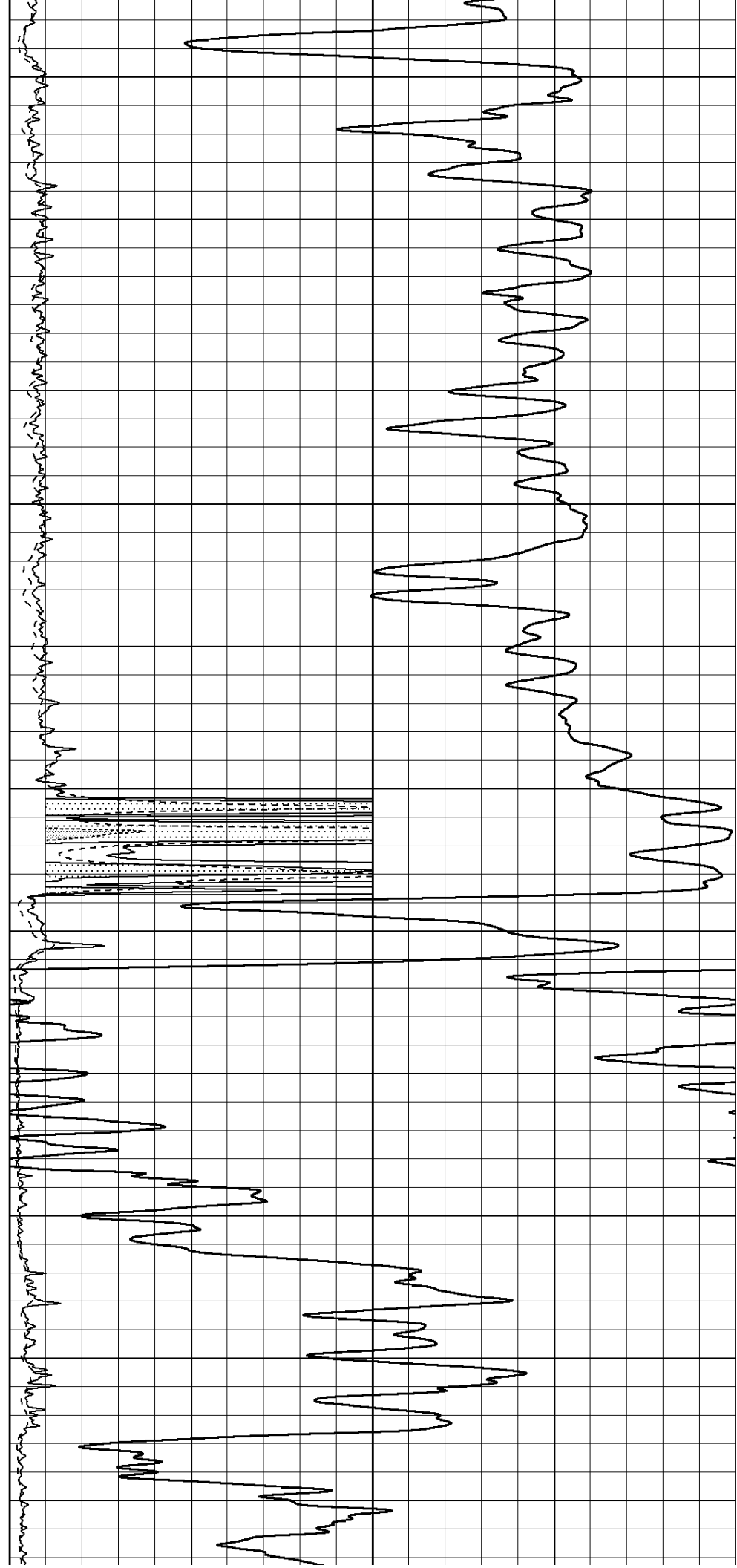
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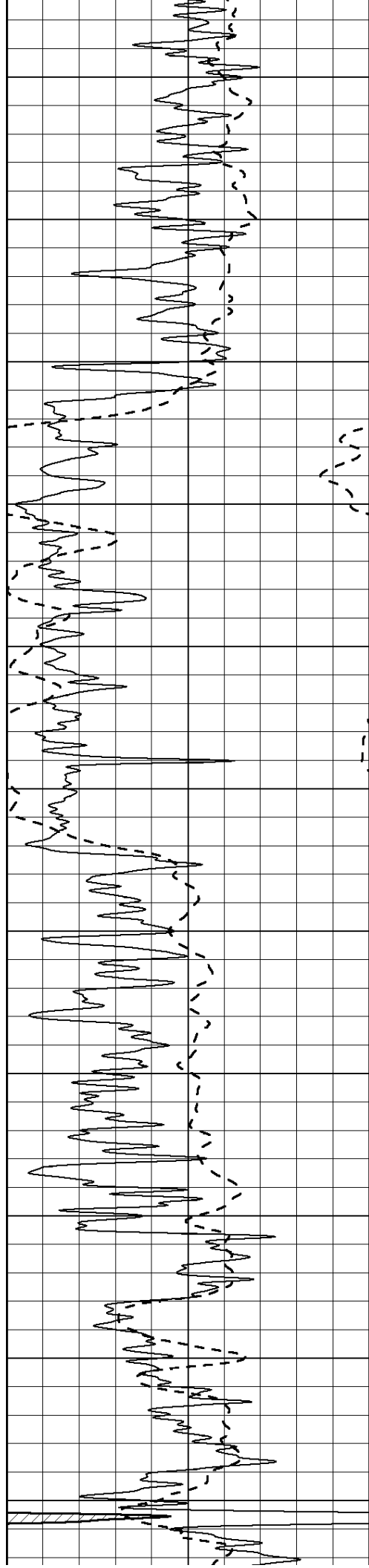
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1950

2000

2050





2100

2150

2200

2250

2300

2350

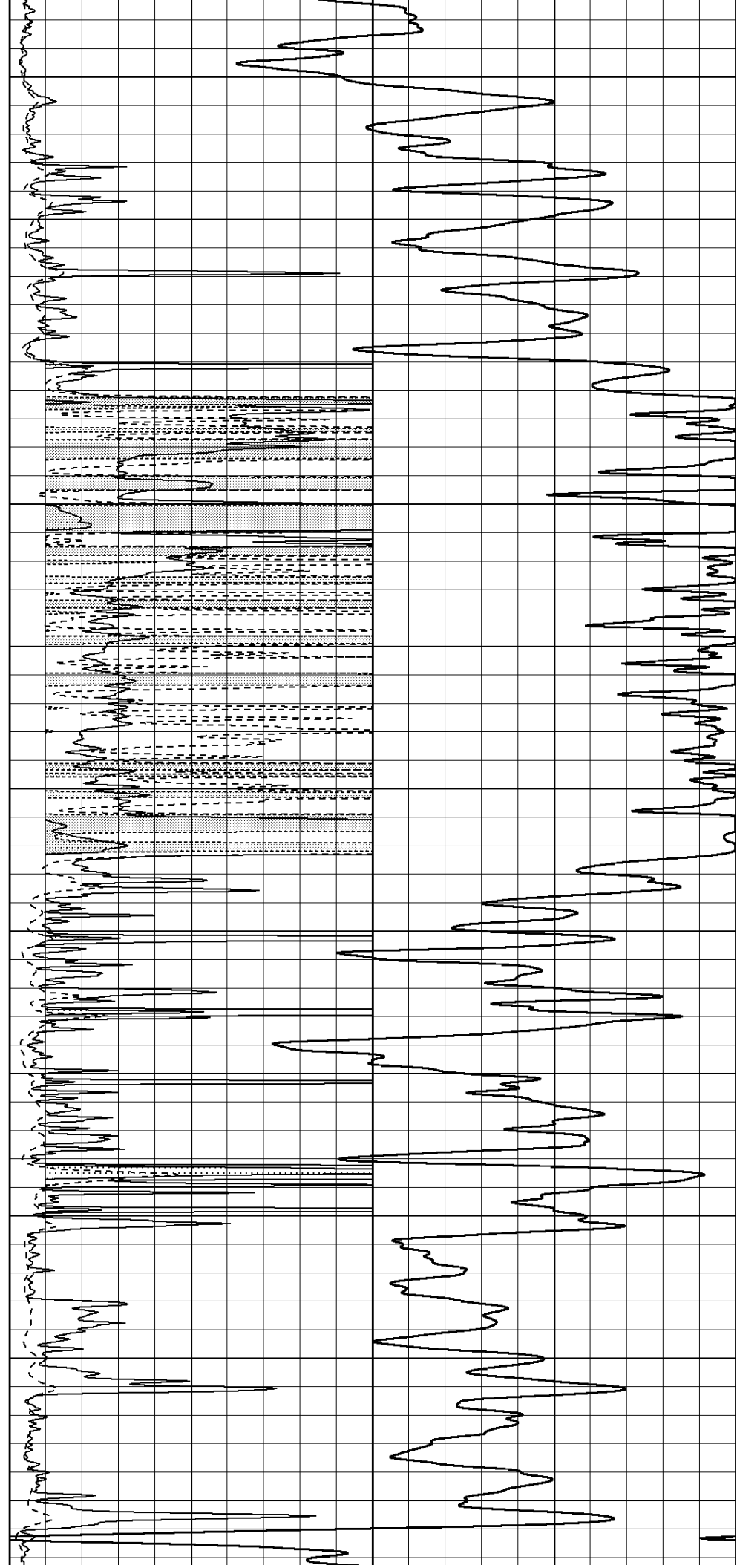
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2450

2500

2550

2600



2650

2700

2750

2800

2850

2900

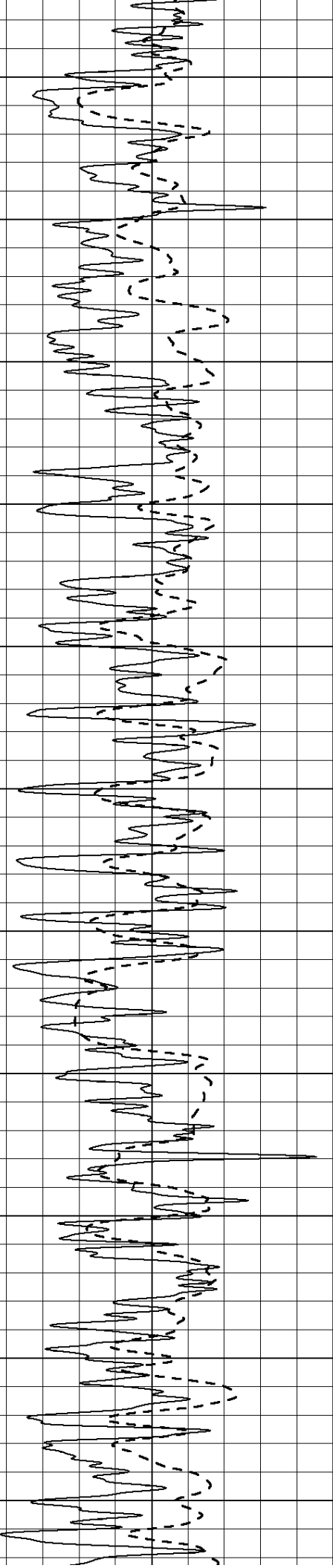
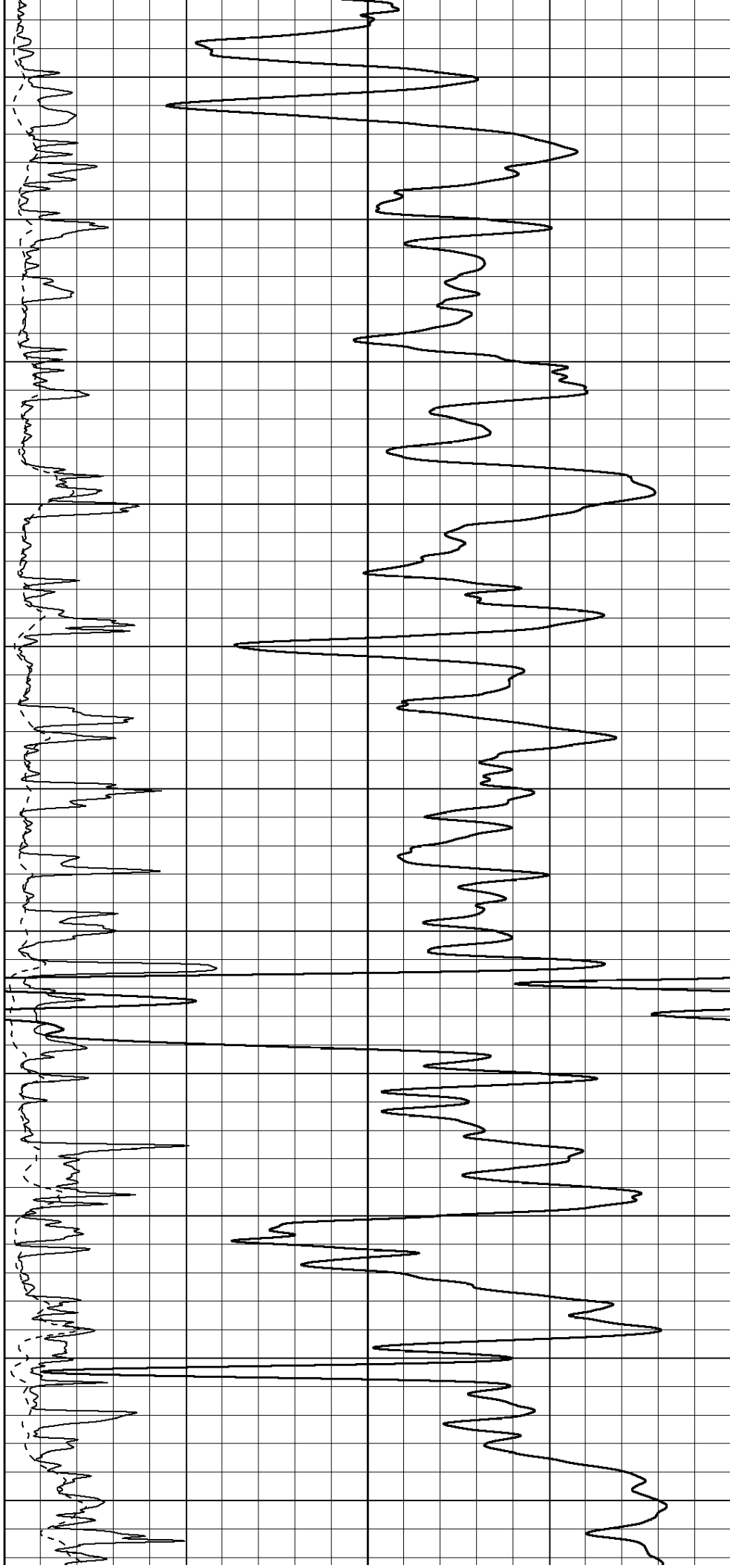
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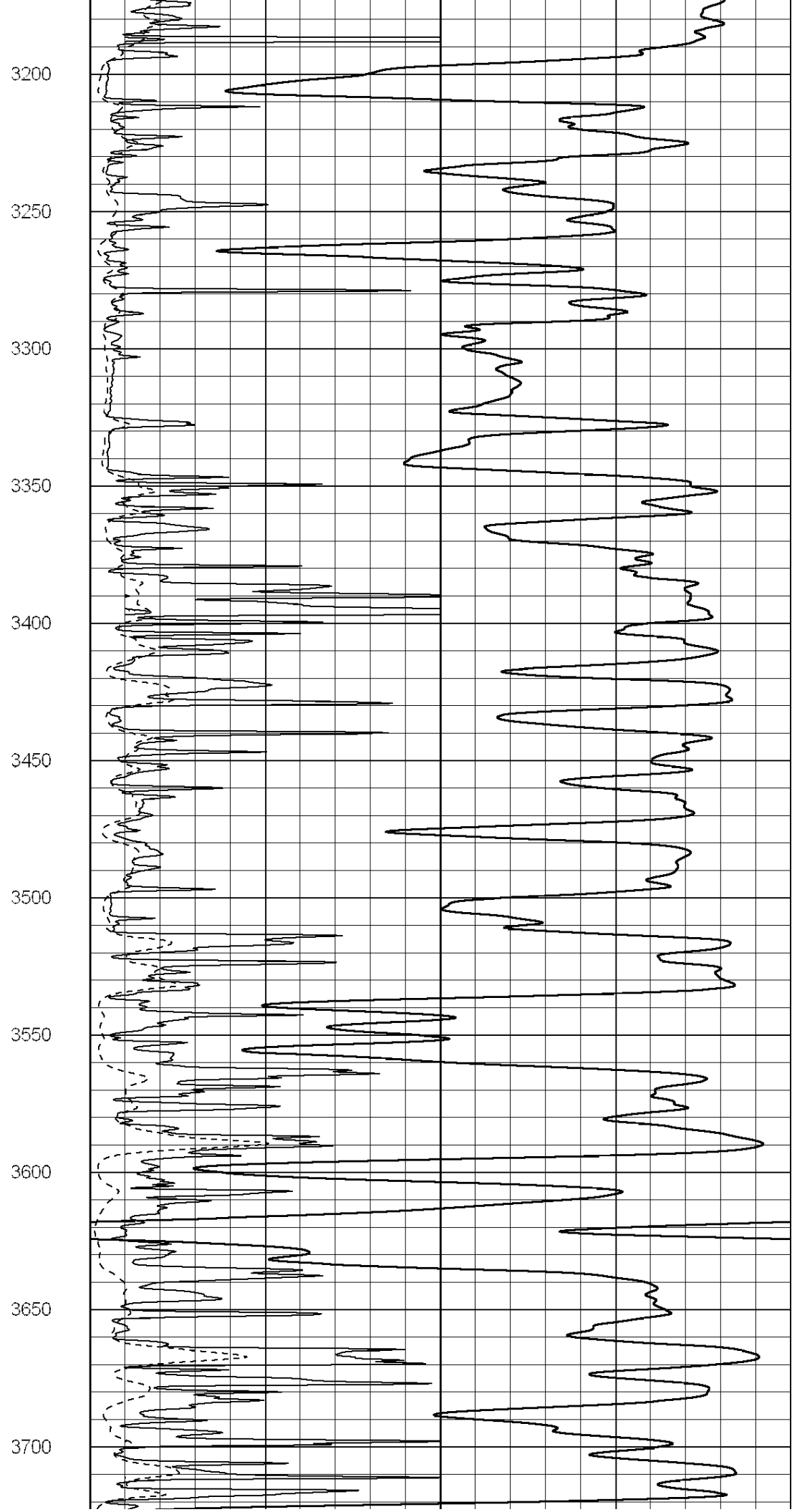
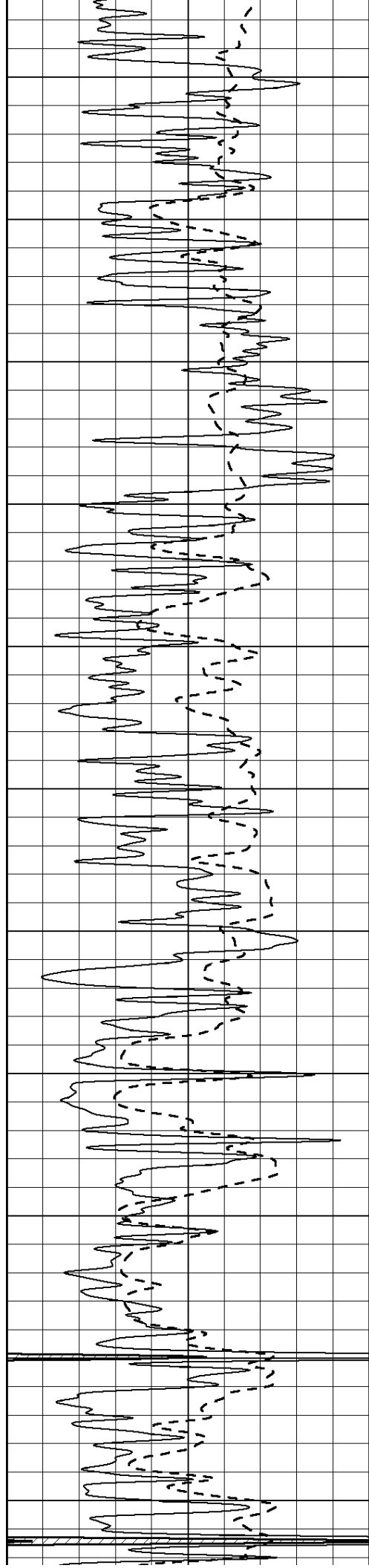
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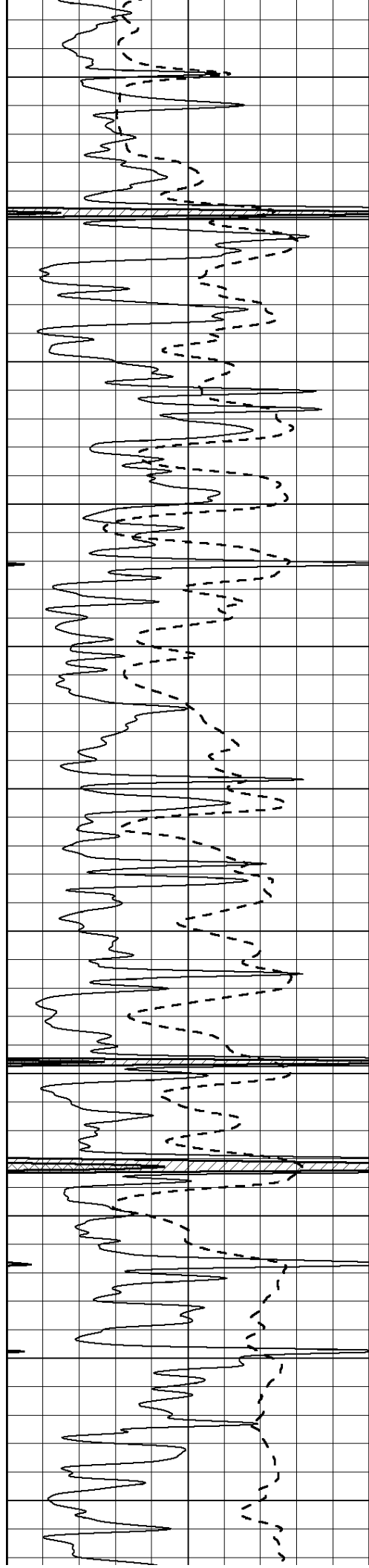
3050

3100

3150







3750

3800

3850

3900

3950

4000

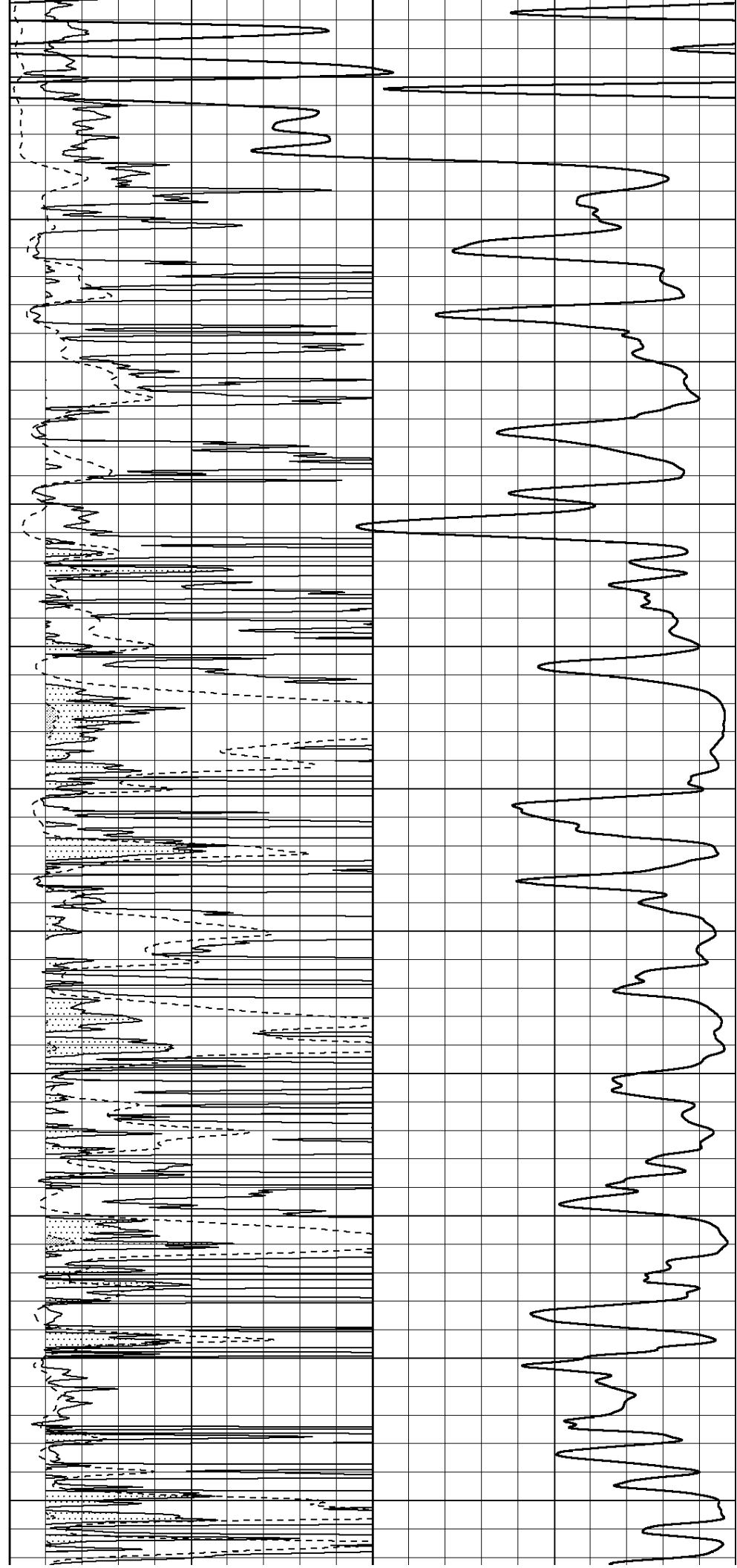
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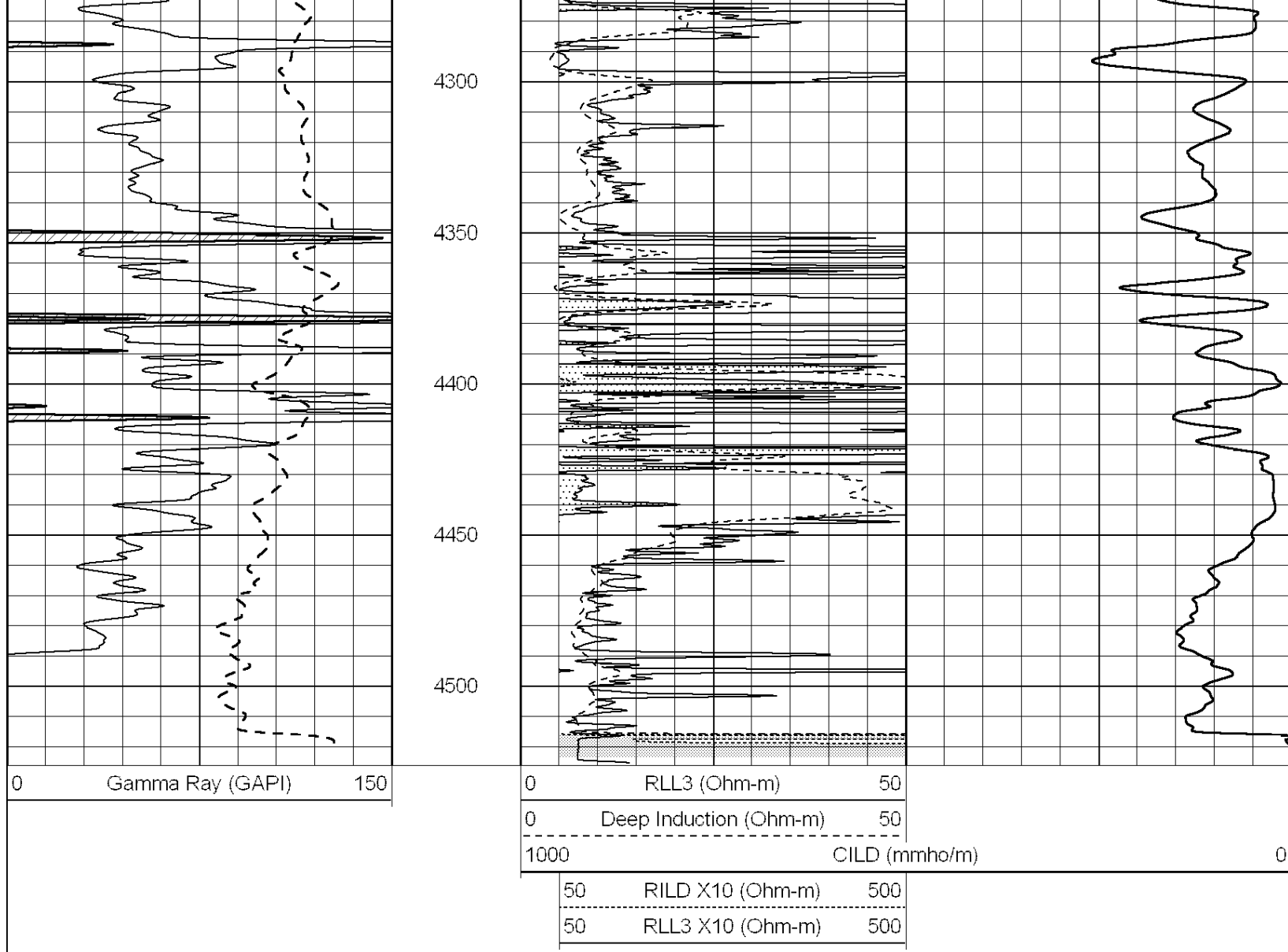
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4150

4200

4250



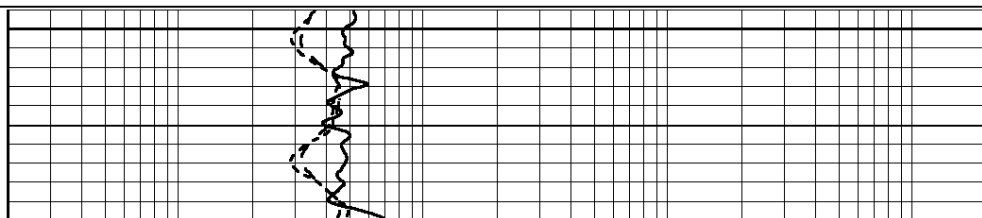
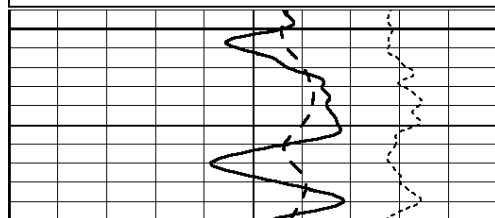


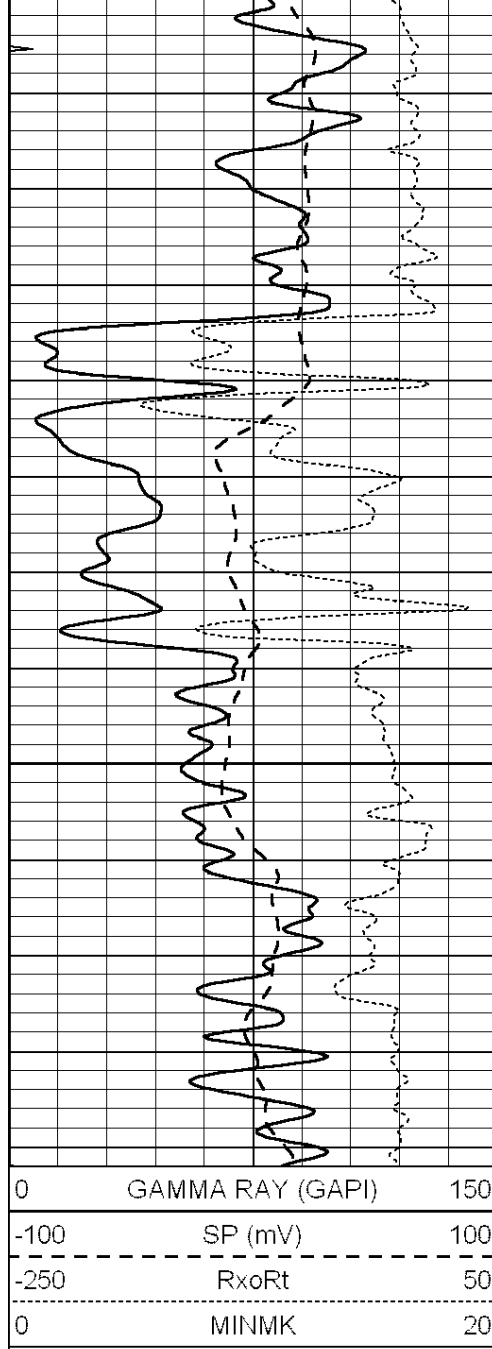
MAIN SECTION

Database File: 010189ddn.db
Dataset Pathname: pass3.1A
Presentation Format: _dil
Dataset Creation: Thu May 09 01:01:12 2013
Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	RxoRt	50
0	MINMK	20

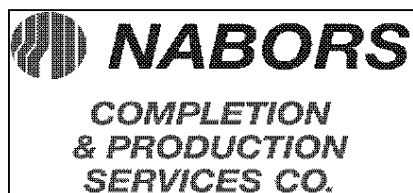
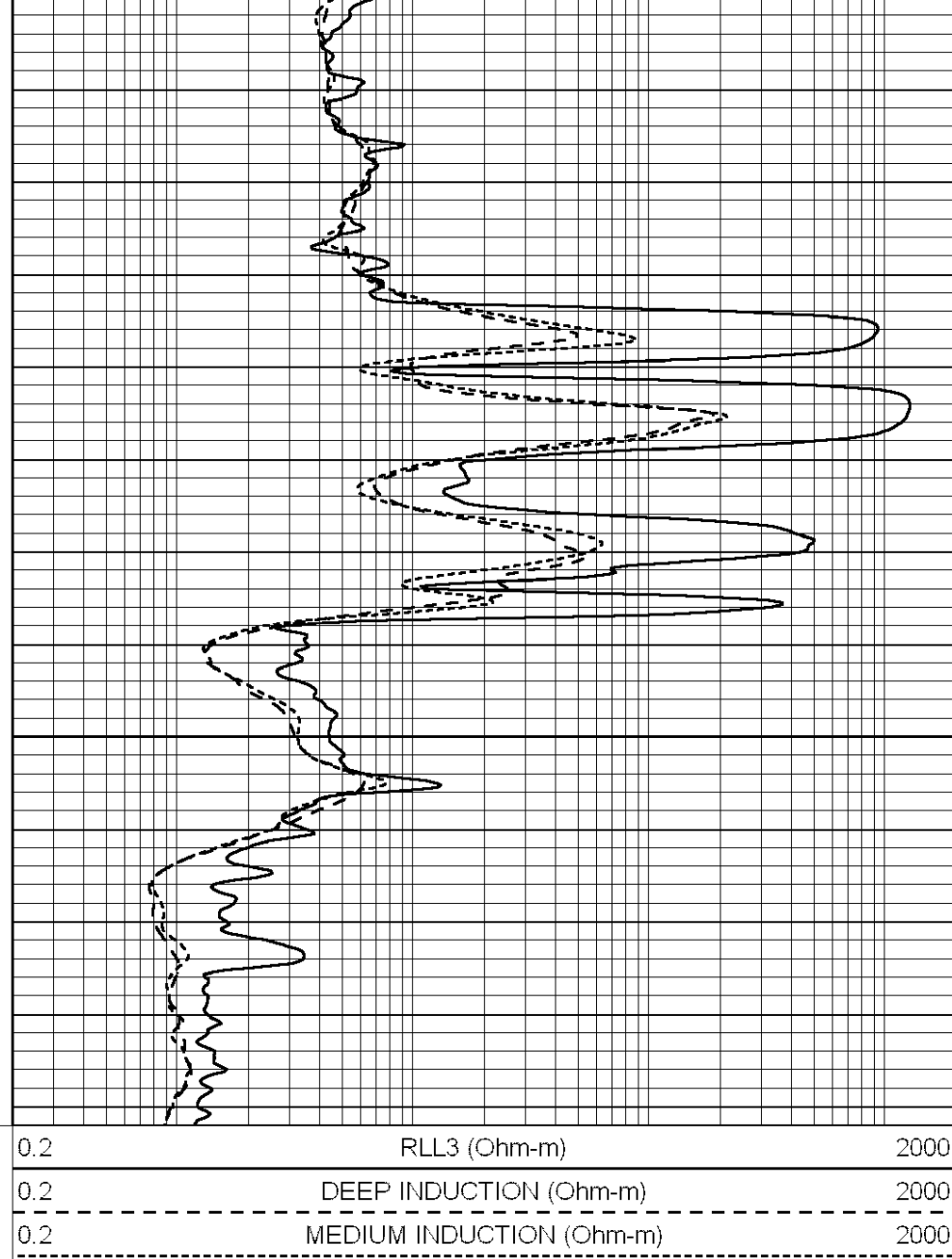
0.2	RLL3 (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000





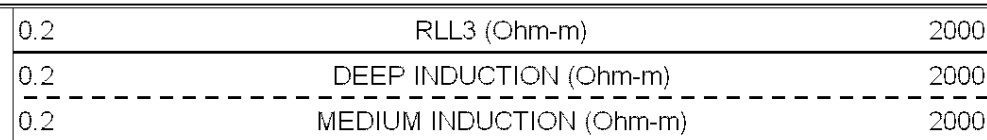
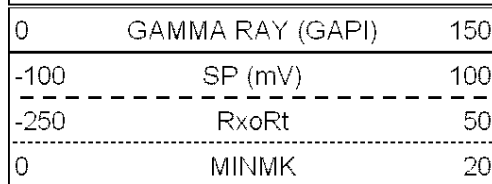
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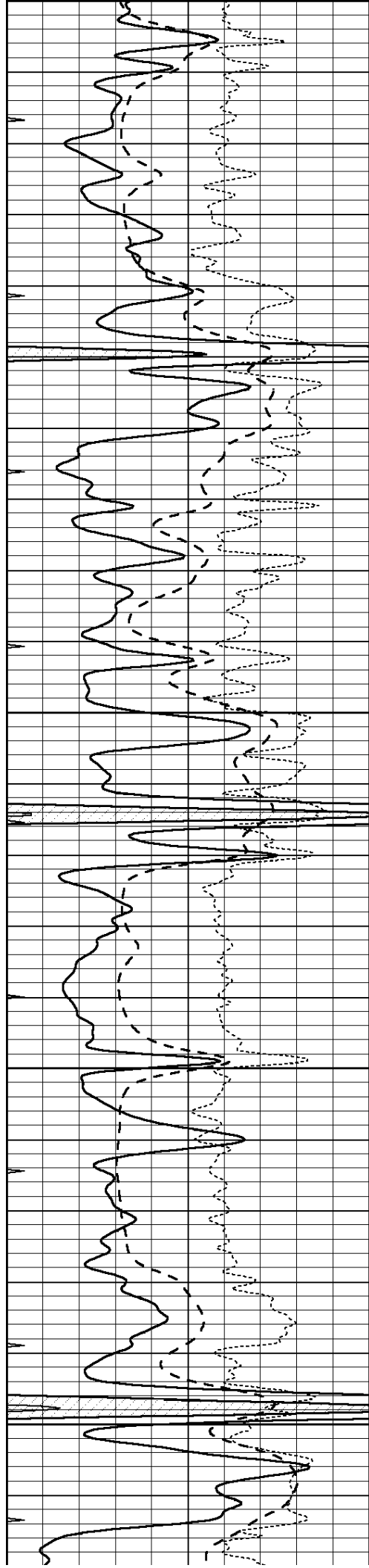
1850



MAIN SECTION

Database File: 010189ddn.db
 Dataset Pathname: pass3.1A
 Presentation Format: _dil
 Dataset Creation: Thu May 09 01:01:12 2013
 Charted by: Depth in Feet scaled 1:240





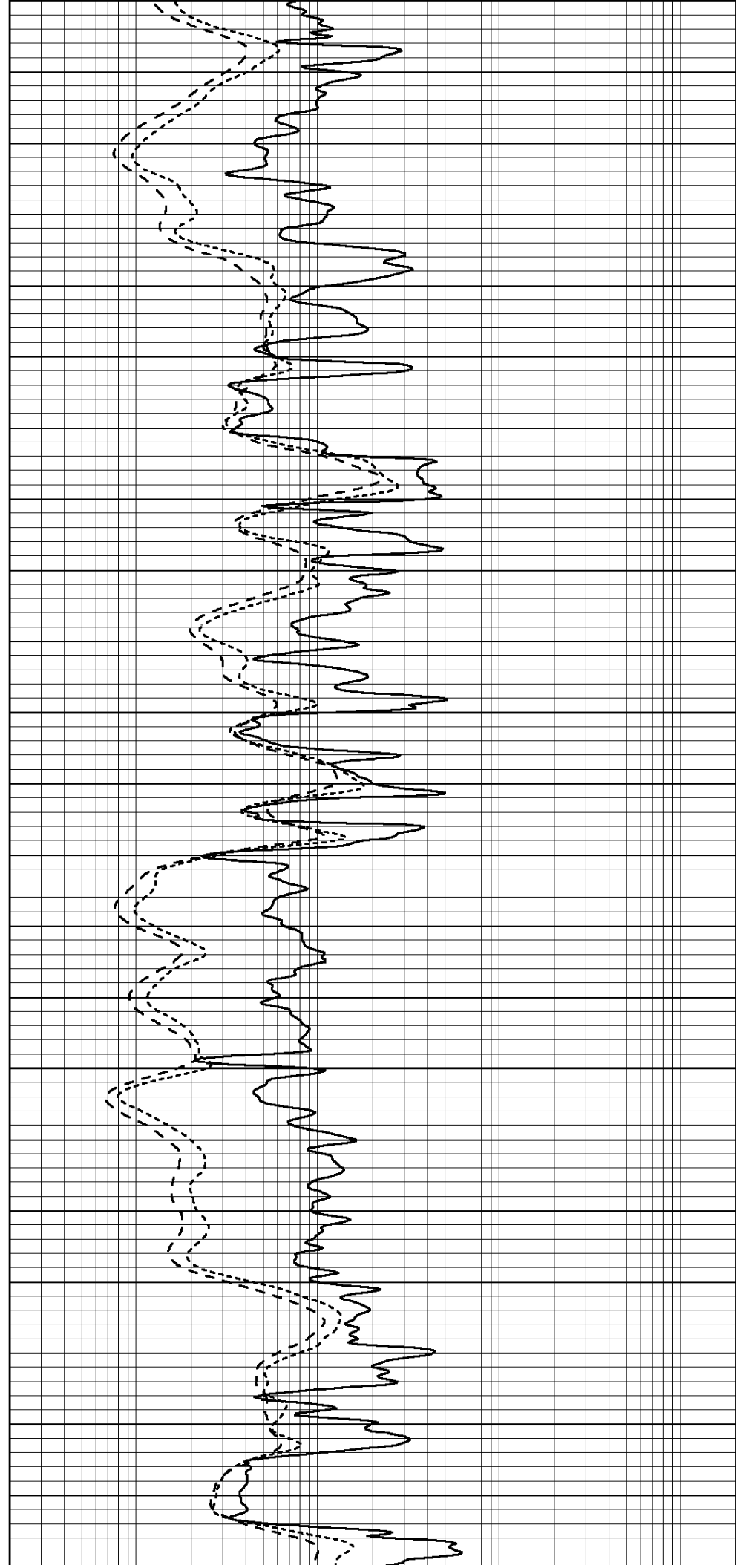
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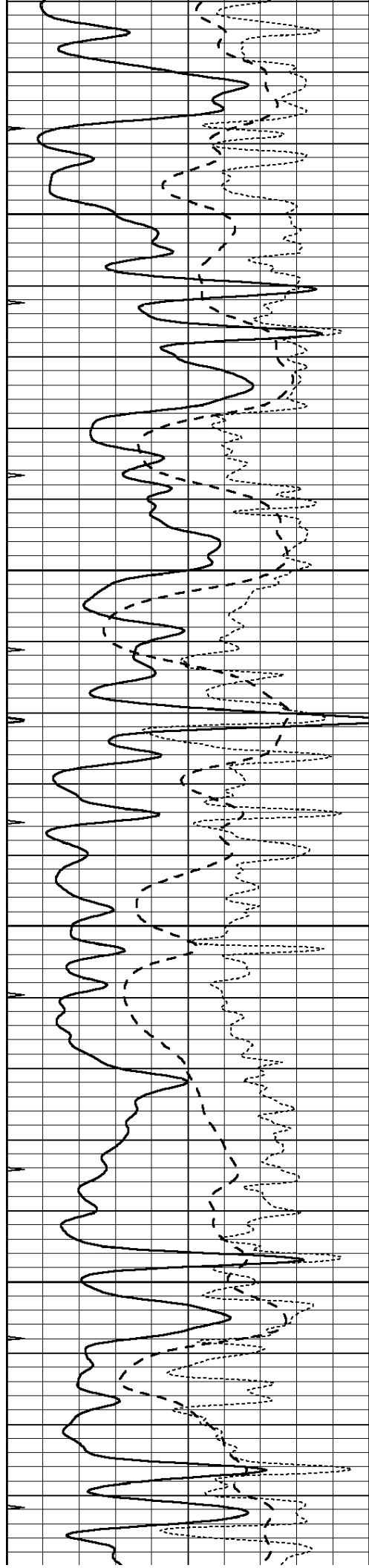
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3700

3750

3800



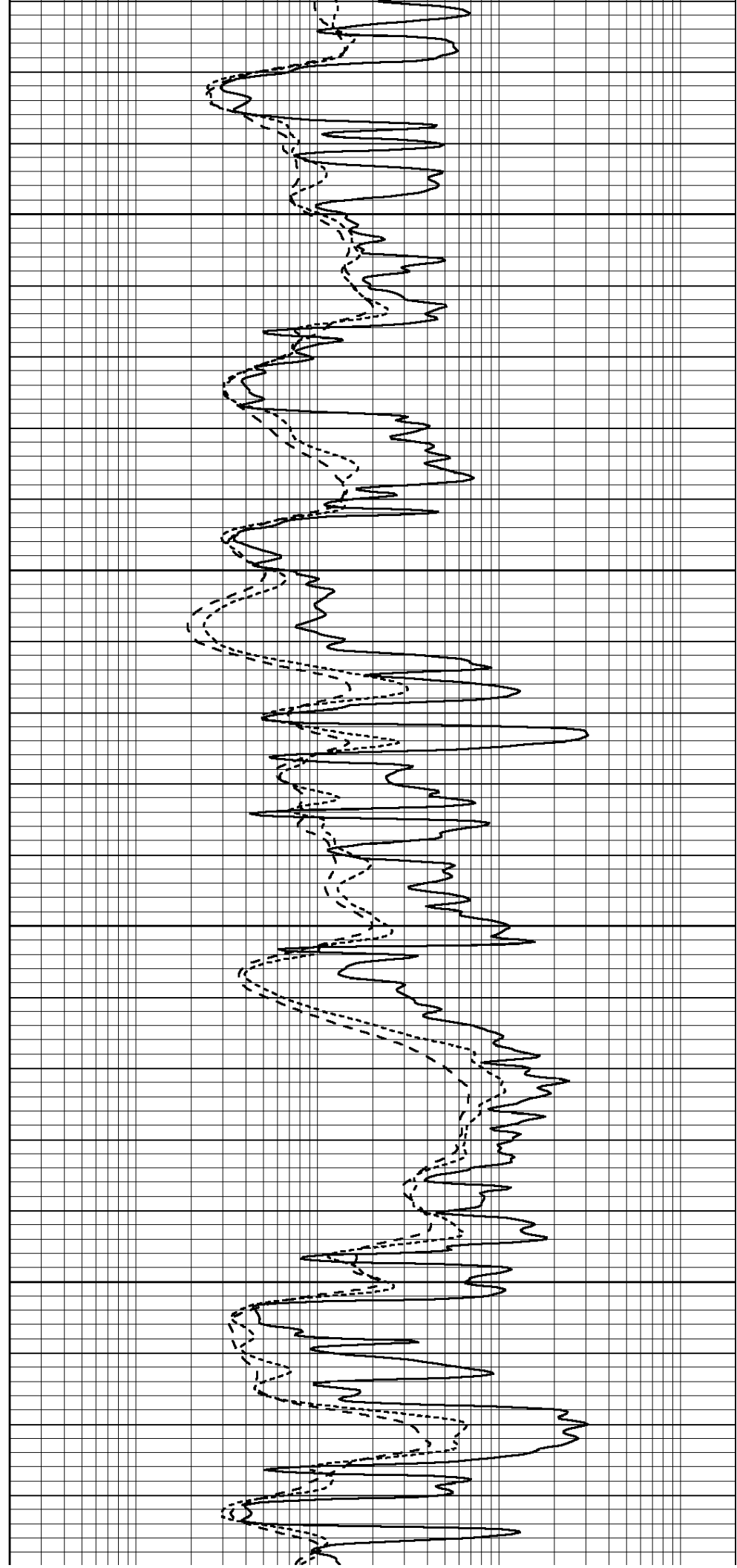


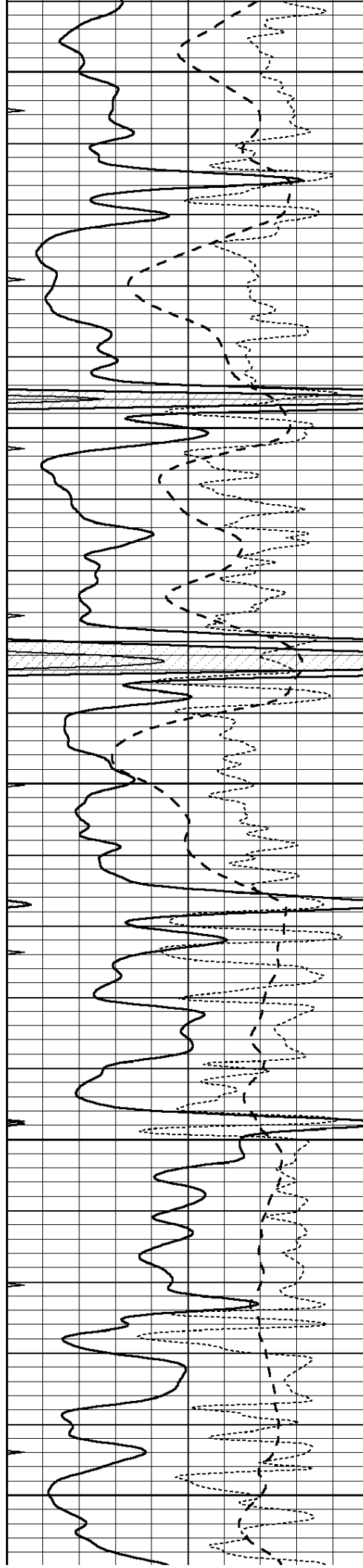
3850

3900

3950

4000





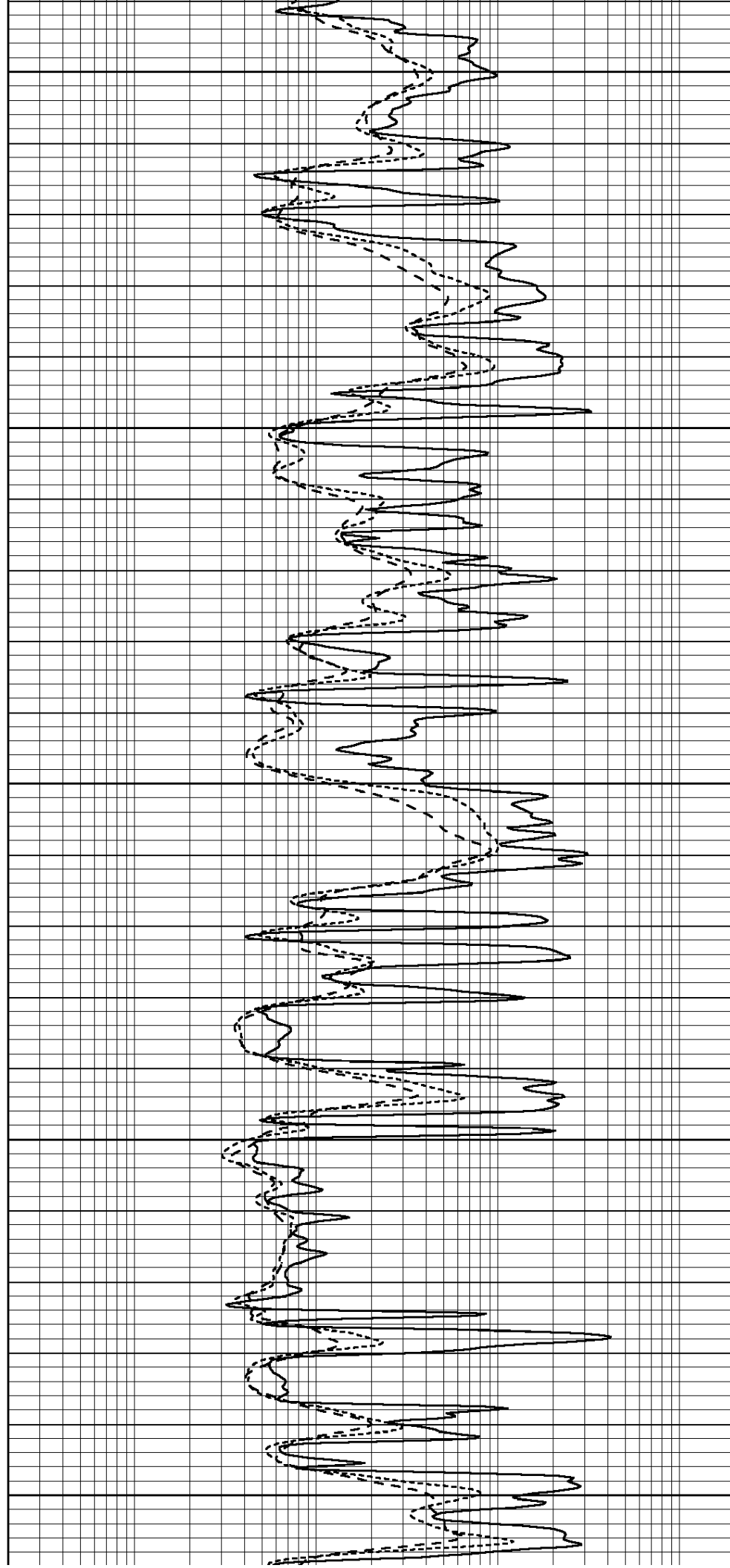
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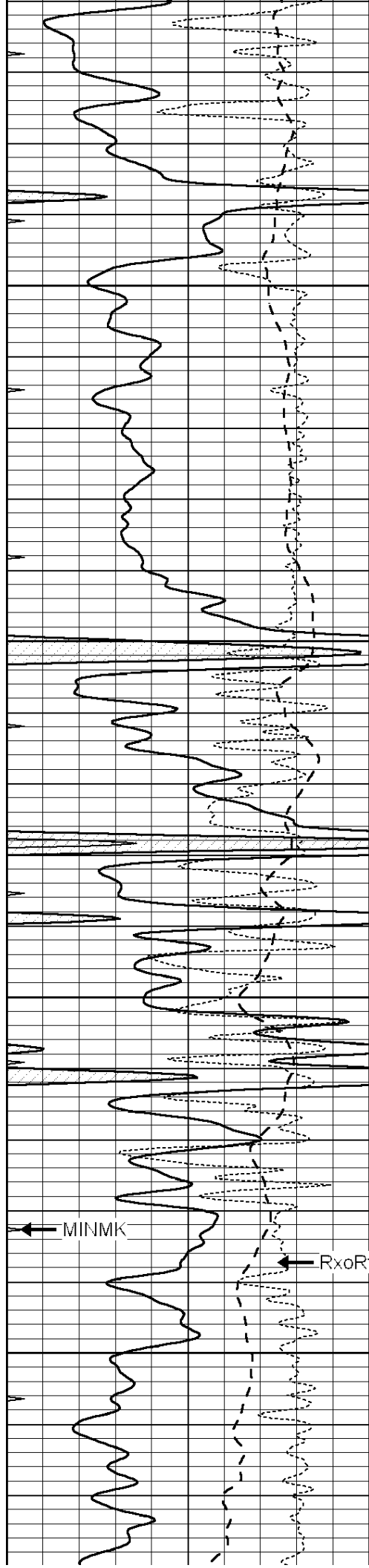
4100

4150

4200

4250



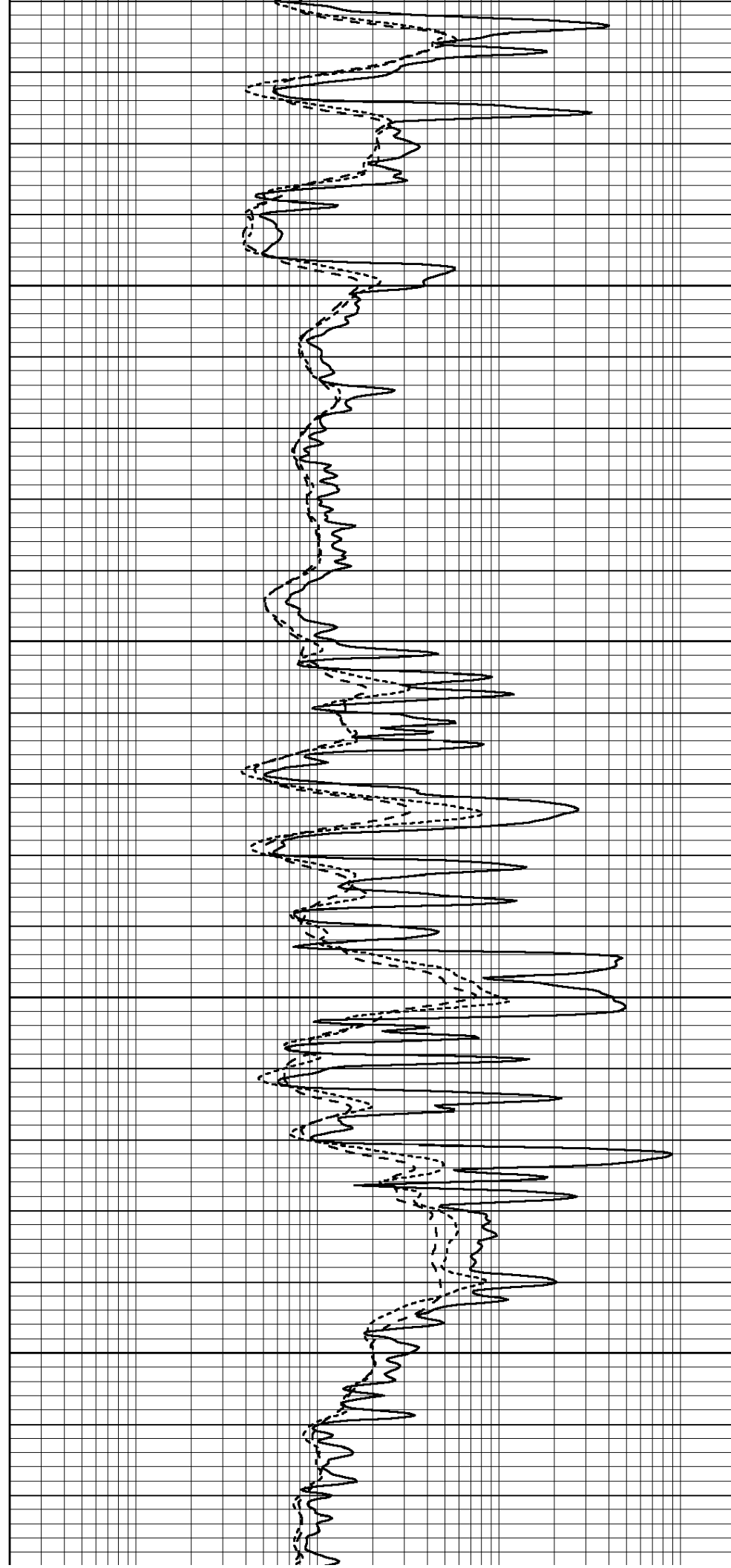


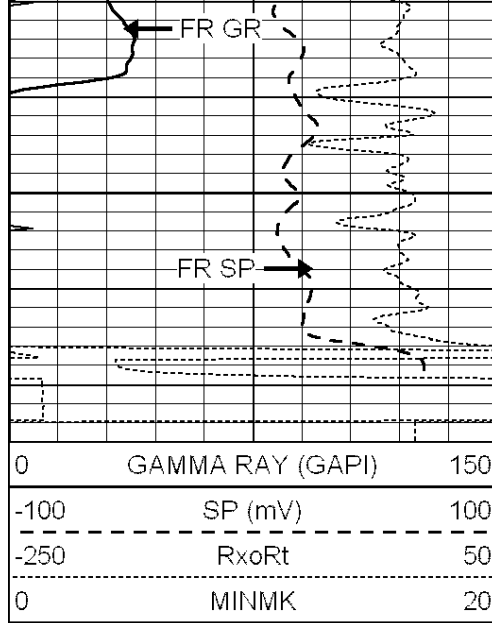
4300

4350

4400

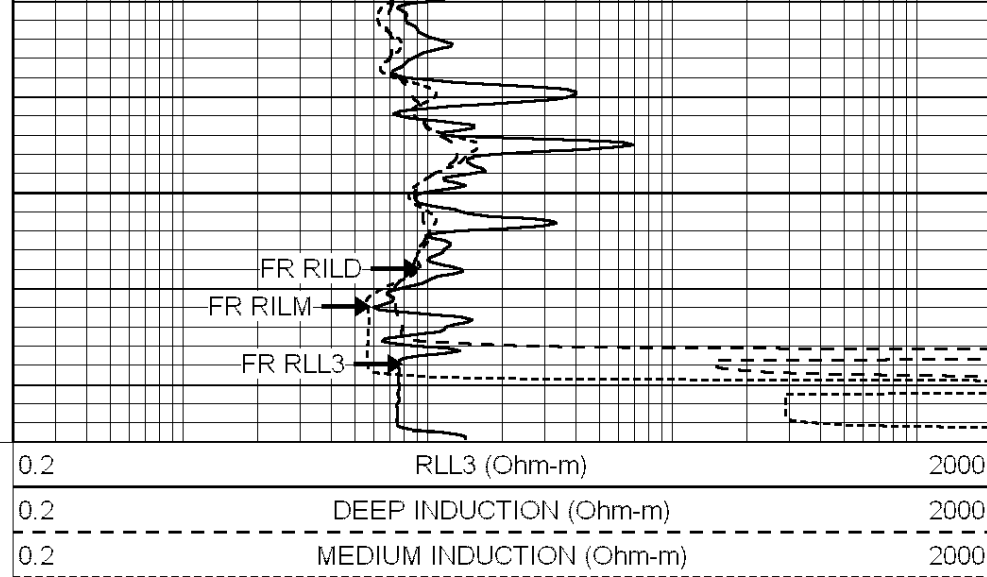
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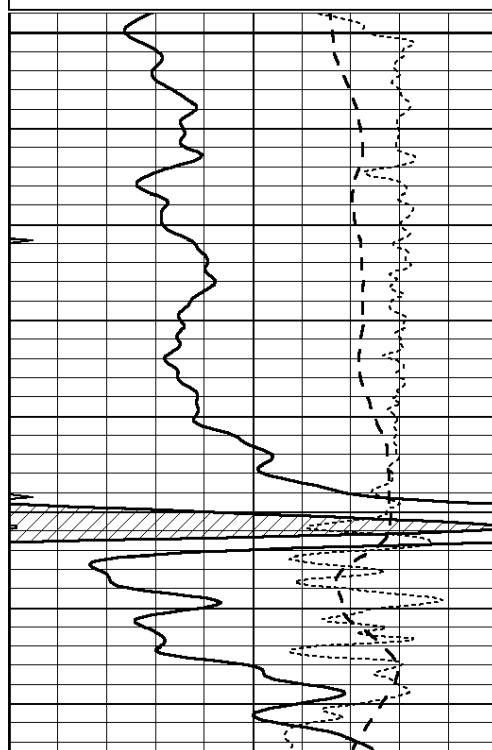
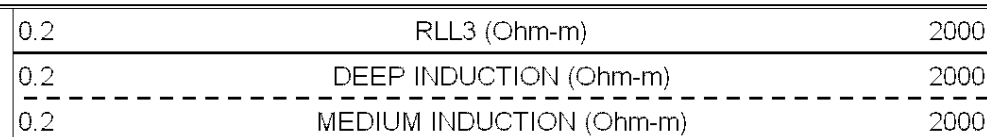
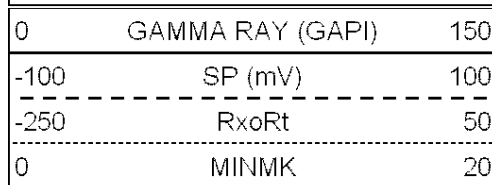
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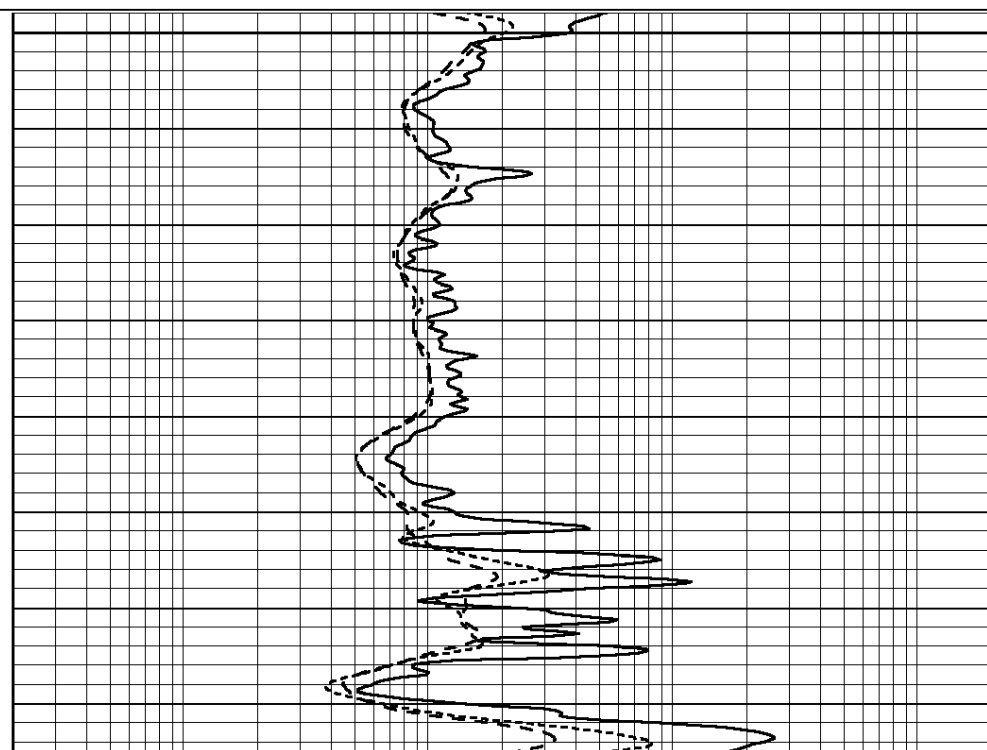
REPEAT SECTION

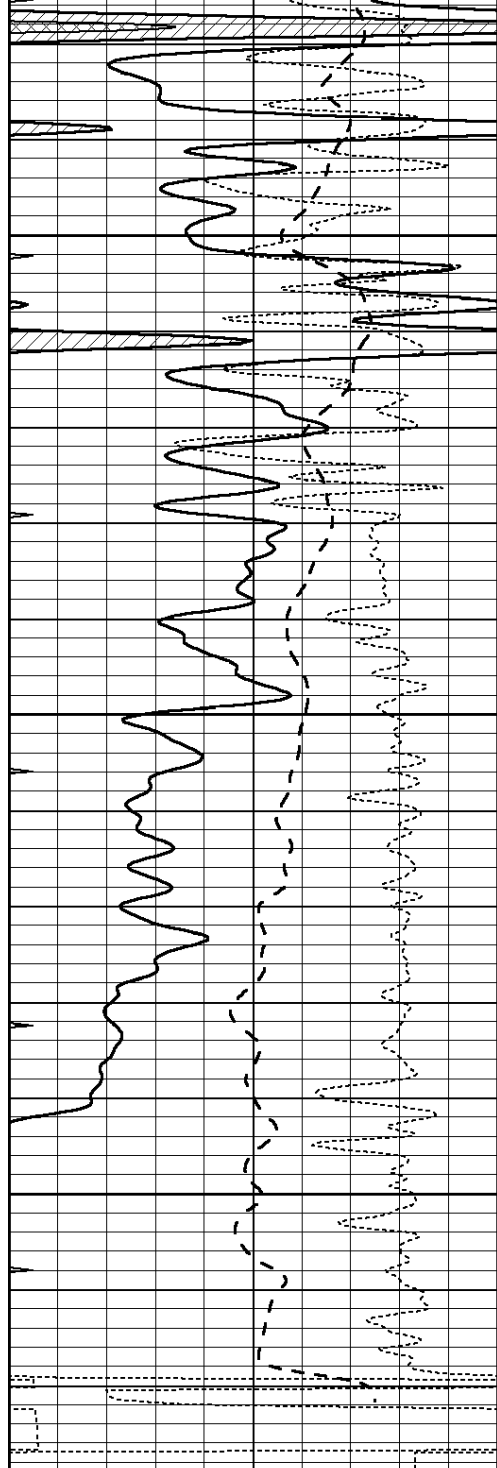
Database File: 010189ddn.db
 Dataset Pathname: pass2.1A
 Presentation Format: _dil
 Dataset Creation: Thu May 09 01:02:24 2013 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240



4300

4350



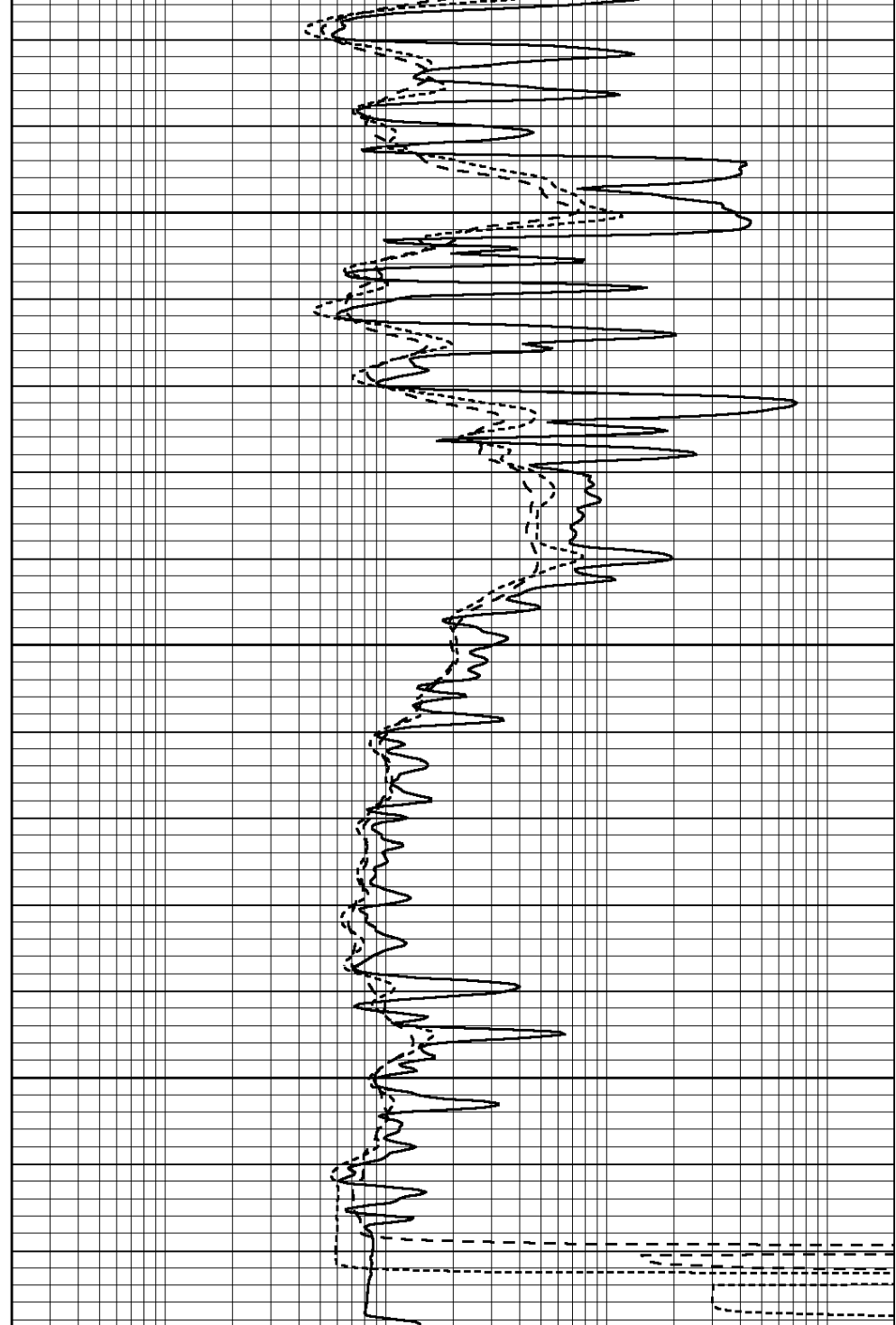


4400

4450

4500

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	RxoRt	50
0	MINMK	20



0.2	RLL3 (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000

Calibration Report

Database File: 010189ddn.db
Dataset Pathname: pass3.1A
Dataset Creation: Thu May 09 01:01:12 2013

Dual Induction Calibration Report

Serial-Model:	PROBE7-DILG
Surface Cal Performed:	Thu May 09 00:06:45 2013
Downhole Cal Performed:	Sat Jan 19 19:51:38 2013
After Survey Verification Performed:	Sat Jan 19 19:51:38 2013

Surface Calibration								
Readings			References			Results		
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.793	0.790	V	0.000	400.000	mmho/m	620.000	5.000
Medium	0.992	1.002	V	0.000	464.000	mmho/m	660.000	-40.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.041	0.642	V	0.000	400.000	mmho/m	664.874	-27.011
Medium	0.035	0.802	V	0.000	464.000	mmho/m	604.936	-21.367

Downhole Calibration								
Readings			References			Results		
	Zero	Cal		Zero	Cal		m'	b'
Deep	135384.000	27094.500	mmho/m	135400.000	27082.400	mmho/m	1.000	-19.259
Medium	-47330.100	-9381.740	mmho/m	-47327.100	-9389.280	mmho/m	1.000	-10.154
LL3		7.322	V		1400.000	Ohm-m		
		0.038	V		20.000	Ohm-m		
		-7.273	V		4000.000	mmho-m		

After Survey Verification								
Readings			Targets			Results		
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	135384.000	27094.500	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	-47330.100	-9381.740	mmho/m	1.000	0.000
LL3		0.000	Ohm-m		1400.000	Ohm-m		
		0.000	Ohm-m		20.000	Ohm-m		
		0.000	mmho-m		4000.000	mmho-m		

Compensated Density Calibration Report

Serial-Model:	GEAR1-GEARHART
Source / Verifier:	147 / 147
Master Calibration Performed:	Wed May 08 23:15:02 2013

Master Calibration						
Density			Far Detector		Near Detector	
Magnesium	1.710	g/cc	1205.77	610.74	cps	
Aluminum	2.600	g/cc	271.21	419.72	cps	
Spine Angle = 75.89			Density/Spine Ratio = 0.579			
Size			Reading			
Small Ring	7.60	in	3.69	V		
Large Ring	14.00	in	6.52	V		

Compensated Neutron Calibration Report

Serial Number:	NEU_4I
Tool Model:	G

CALIBRATION						
Detector	Readings		Target		Normalization	
Short Space	1.00	cps	1.00	cps	1.0000	
Long Space	1.00	cps	1.00	cps	1.0000	

Gamma Ray Calibration Report

Serial Number:	GR5
Tool Model:	OPEN
Performed:	Wed May 08 23:27:22 2013

Calibrator Value:	1.0	GAPI
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Background Reading:	0.0	cps
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Calibrator Reading:	1.0	cps
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Sensitivity:	0.9500	GAPI/cps
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