



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**DUAL
INDUCTION
LOG**

Company		VINCENT OIL CORP.	
Well		HIGH PLAINS #2-28	
Field		WILDCAT	
County		FORD	
State		KANSAS	
Location:		API # : 15-057-20860-0000	
Permanent Datum		GROUND LEVEL	
Log Measured From		110' FNL & 2215' FWL	
Drilling Measured From		NW - NE - NE - NW	
SEC 28 TWP 29S RGE 24W		Elevation	
		K.B. 2578	
		D.F. 2576	
		G.L. 2567	
Other Services		CDL/CNL/PE	
		MEL/SON	
Date	12/3/12		
Run Number	ONE		
Depth Driller	5414		
Depth Logger	5416		
Bottom Logged Interval	5414		
Top Log Interval	0		
Casing Driller	8 5/8" @ 646'		
Casing Logger	645'		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 12,400 PPM	
Density / Viscosity	9.25/75		
pH / Fluid Loss	10.0/13.2		
Source of Sample	FLOWLINE		
Rin @ Meas. Temp	0.40 @ 100F		
Rmf @ Meas. Temp	0.30 @ 100F		
Rmc @ Meas. Temp	0.48 @ 100F		
Source of Rmf / Rmc	MEASUREMENT		
Rin @ BHT	0.31 @ 129F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	129F		
Equipment Number	4854		
Location	HAYS, KANSAS		
Recorded By	JEFF GRONEMEG		
Witnessed By	JIM HALL		

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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.

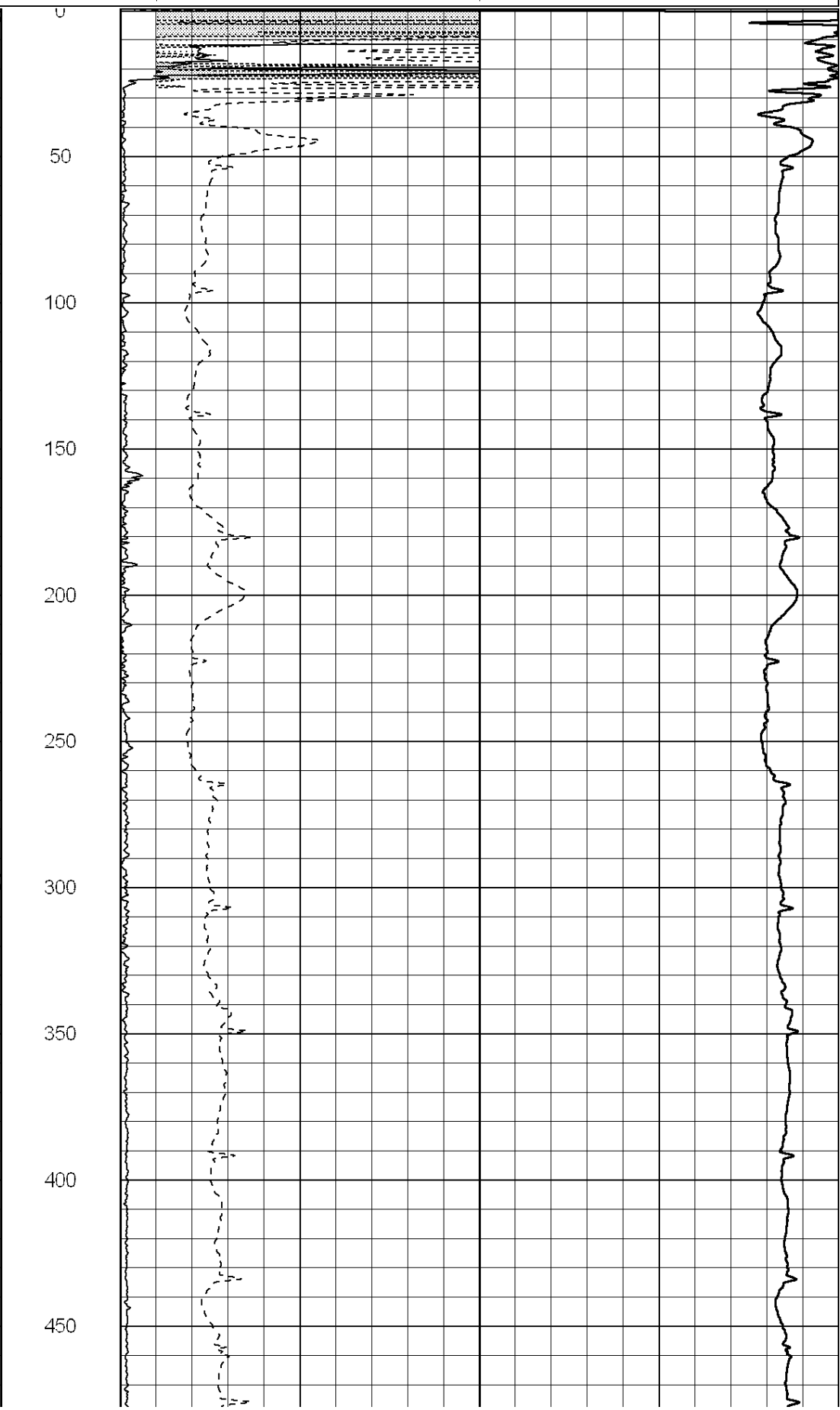
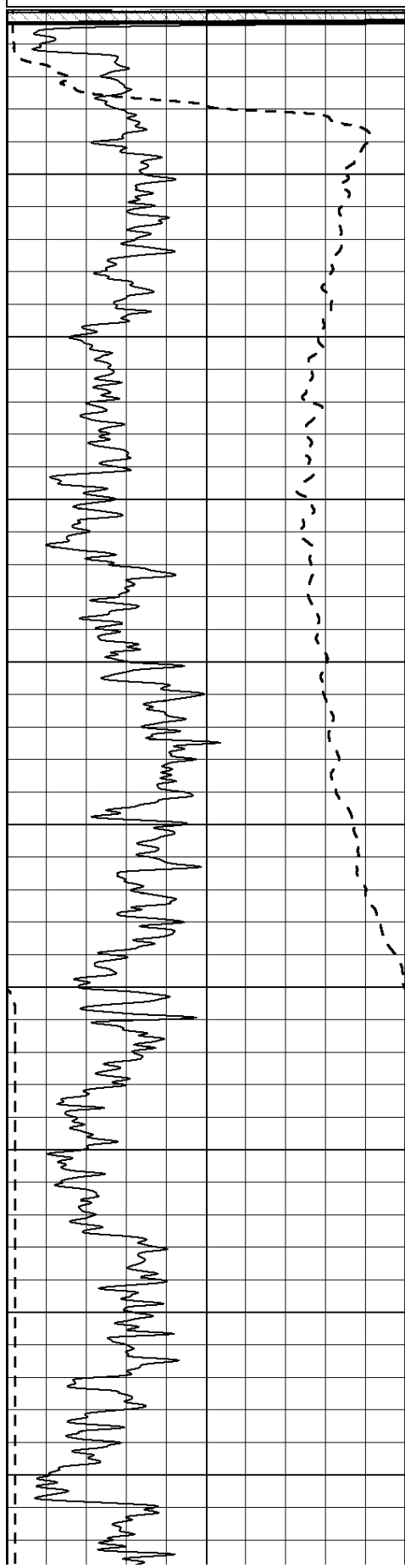
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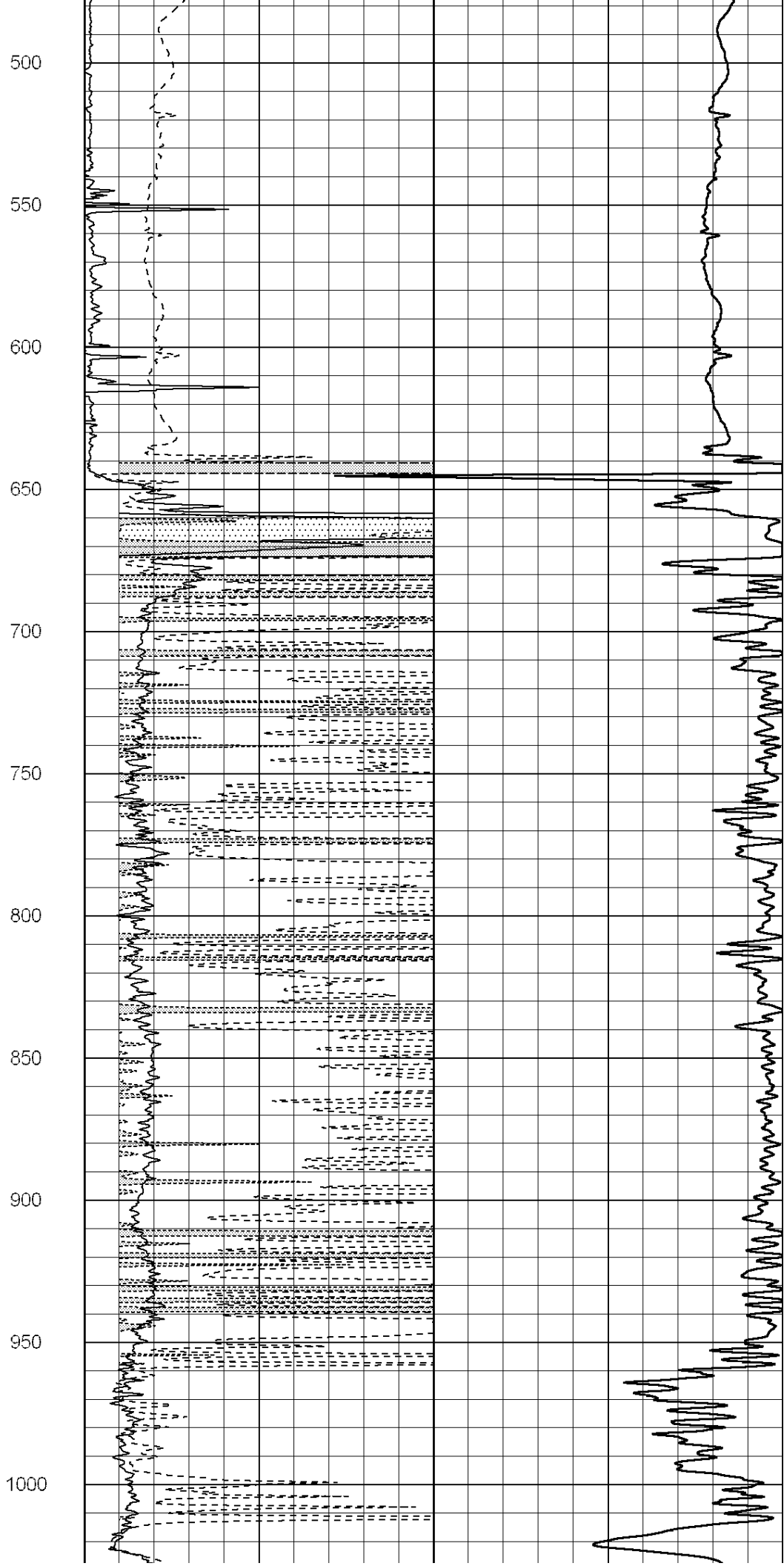
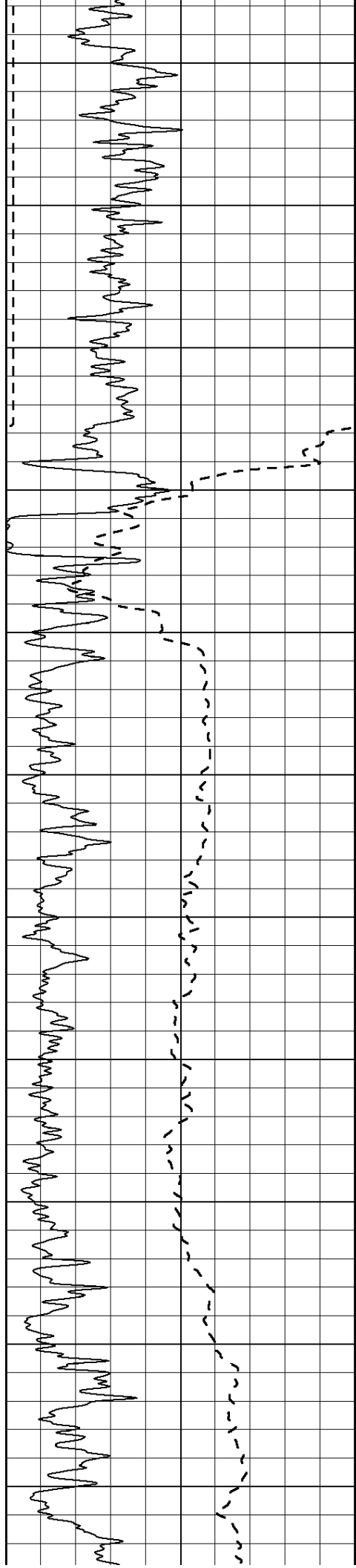
THANK YOU FOR USING "NABORS" HAYS, KANSAS (785)628-6395
DIRECTIONS
BLOOM, KS -3 MILES WEST TO RD 9 - NORTH TO RD X
1/2 MILE EAST - SOUTH INTO

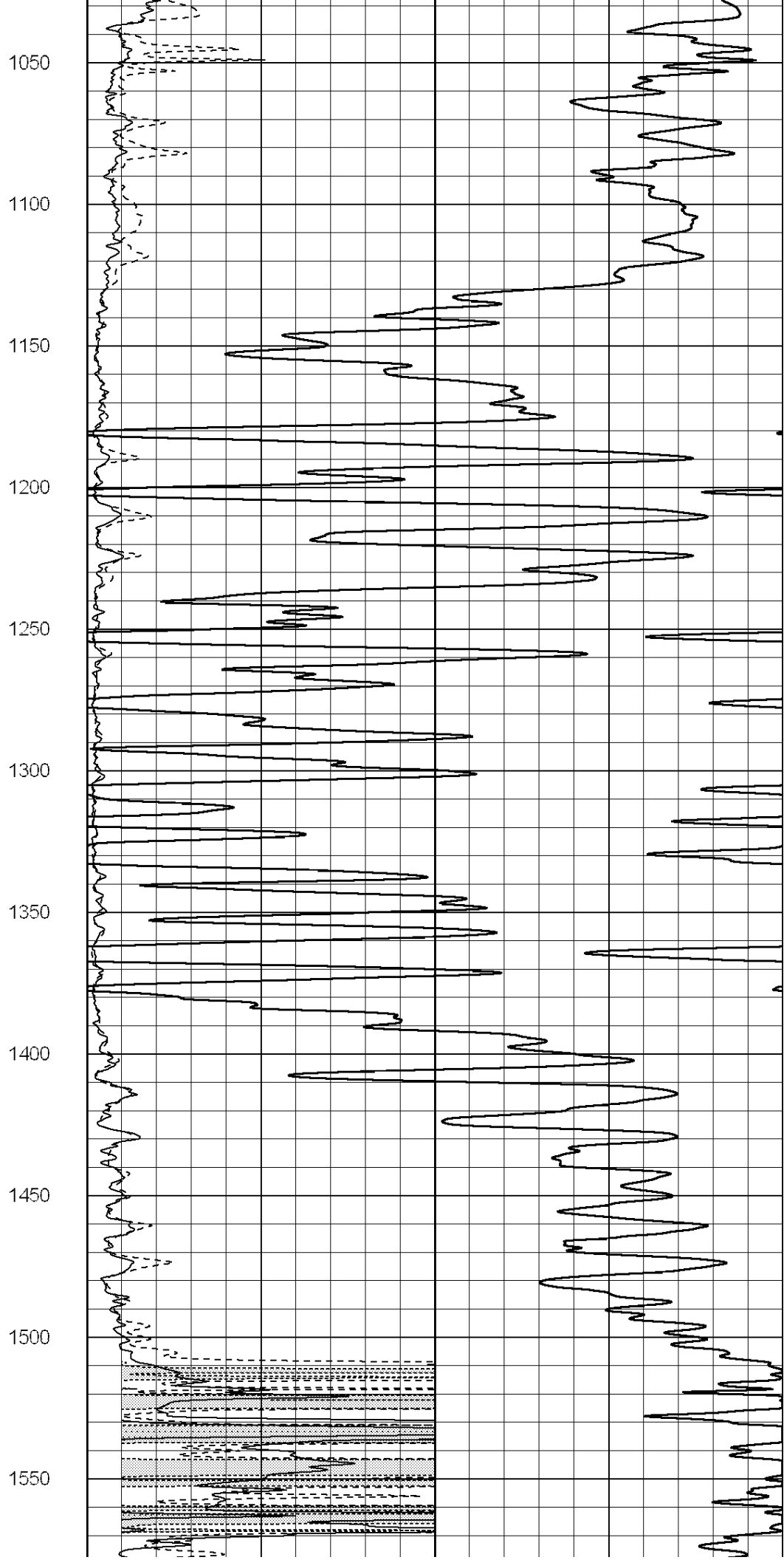
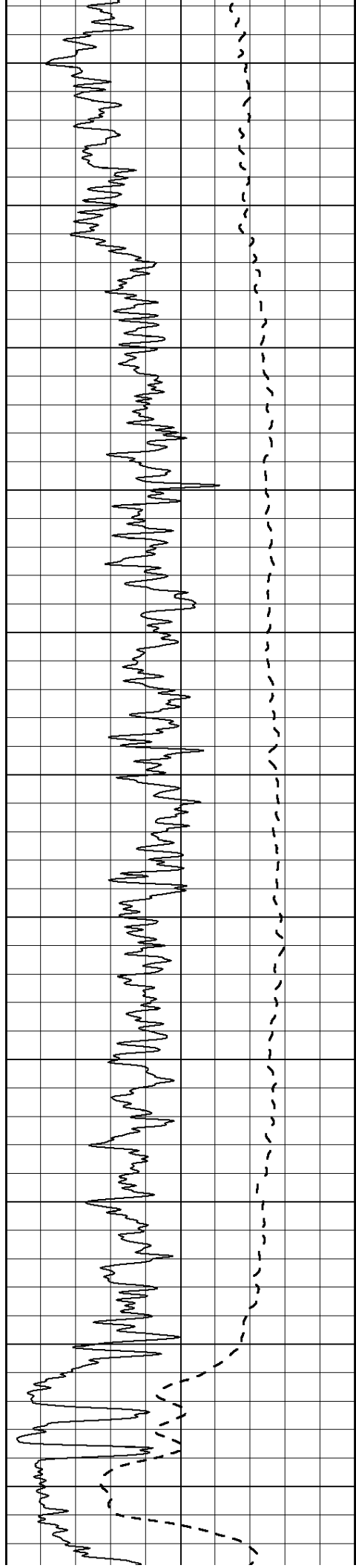
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Presentation Format: _dil2
Dataset Creation: Mon Dec 03 05:54:41 2012 by Calc SOC 120430
Charted by: Depth in Feet scaled 1:600

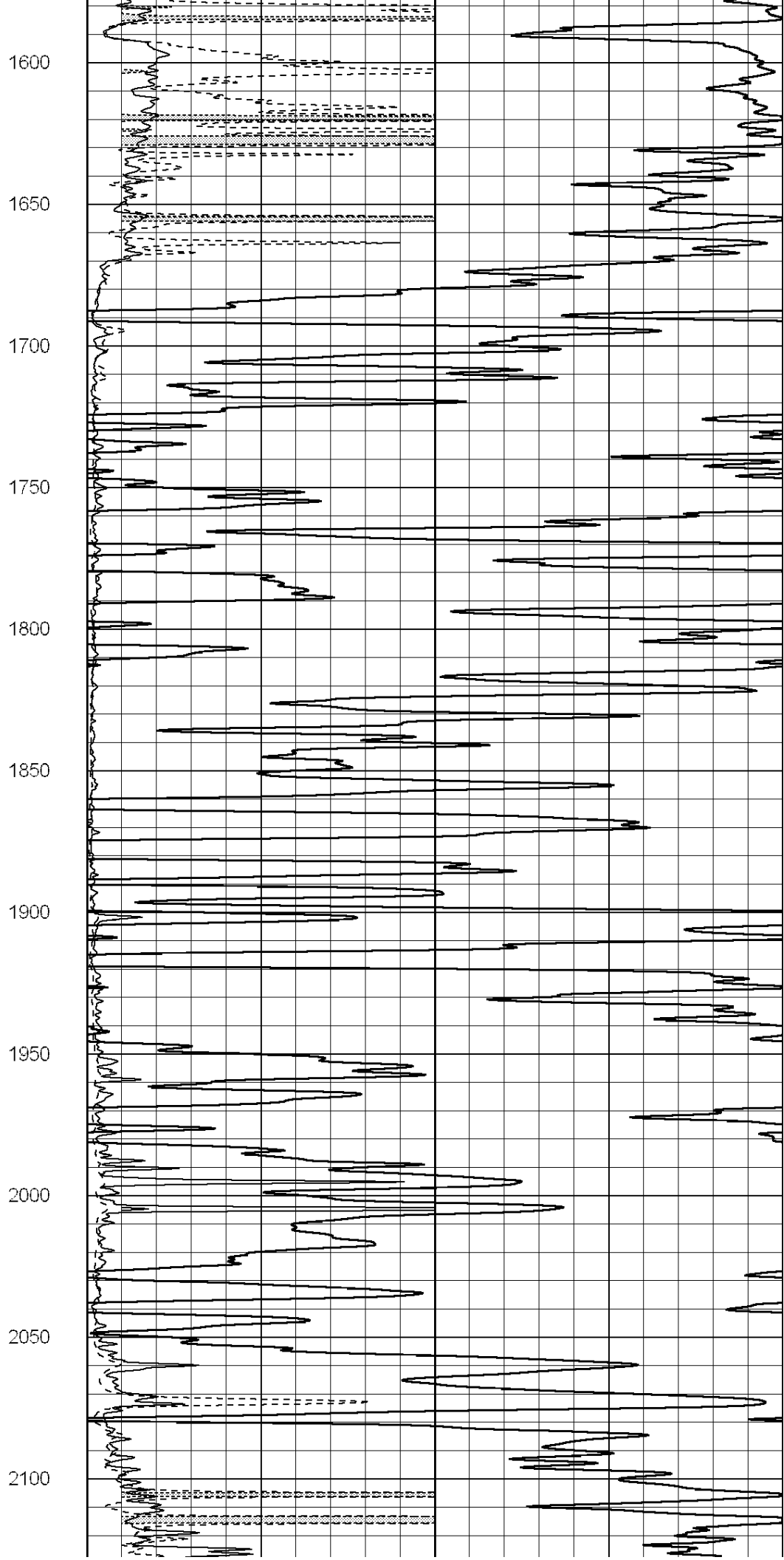
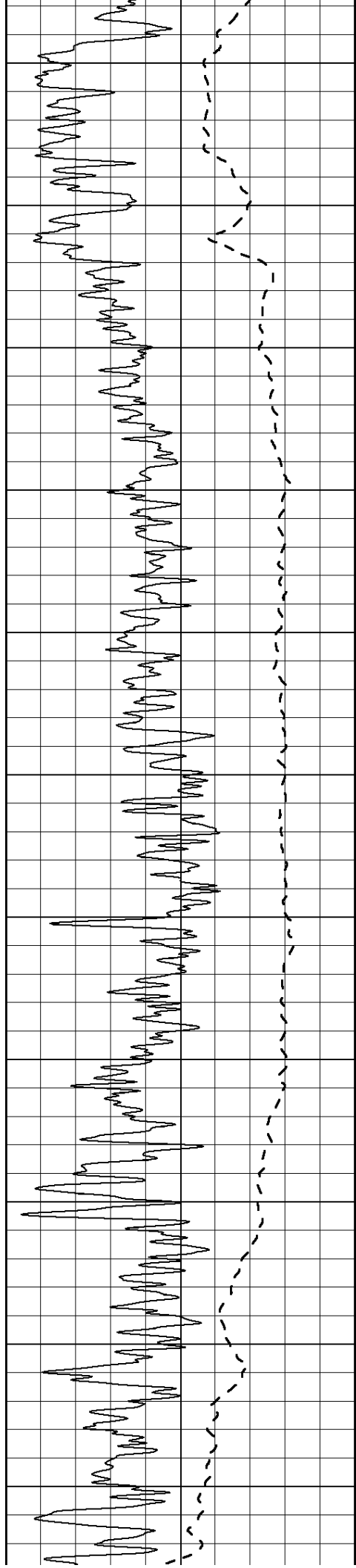
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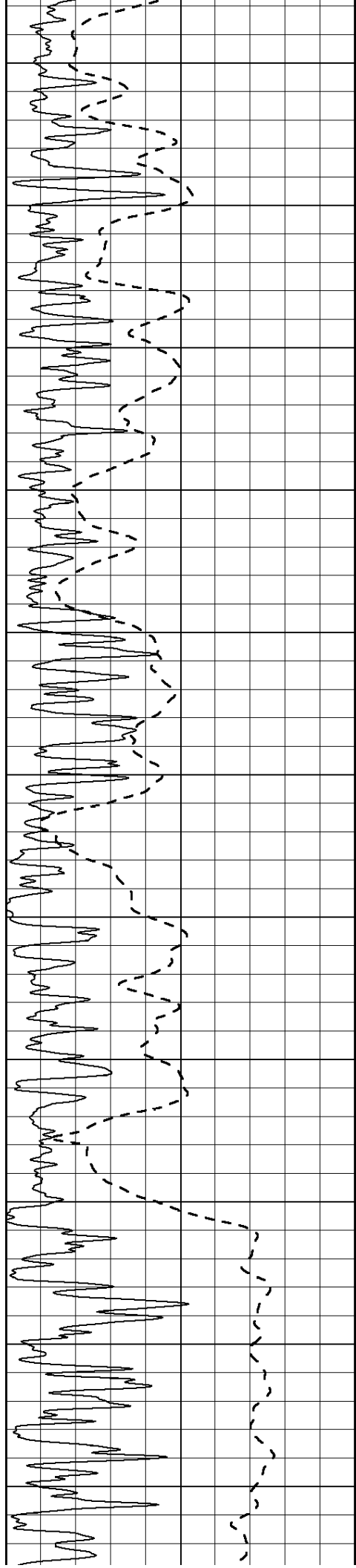
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0	RILD (Ohm-m)	50
1000	CILD (mmho/m)	0
50	RILD X10 (Ohm-m)	500
50	RLL3 X10 (Ohm-m)	500











2150

2200

2250

2300

2350

2400

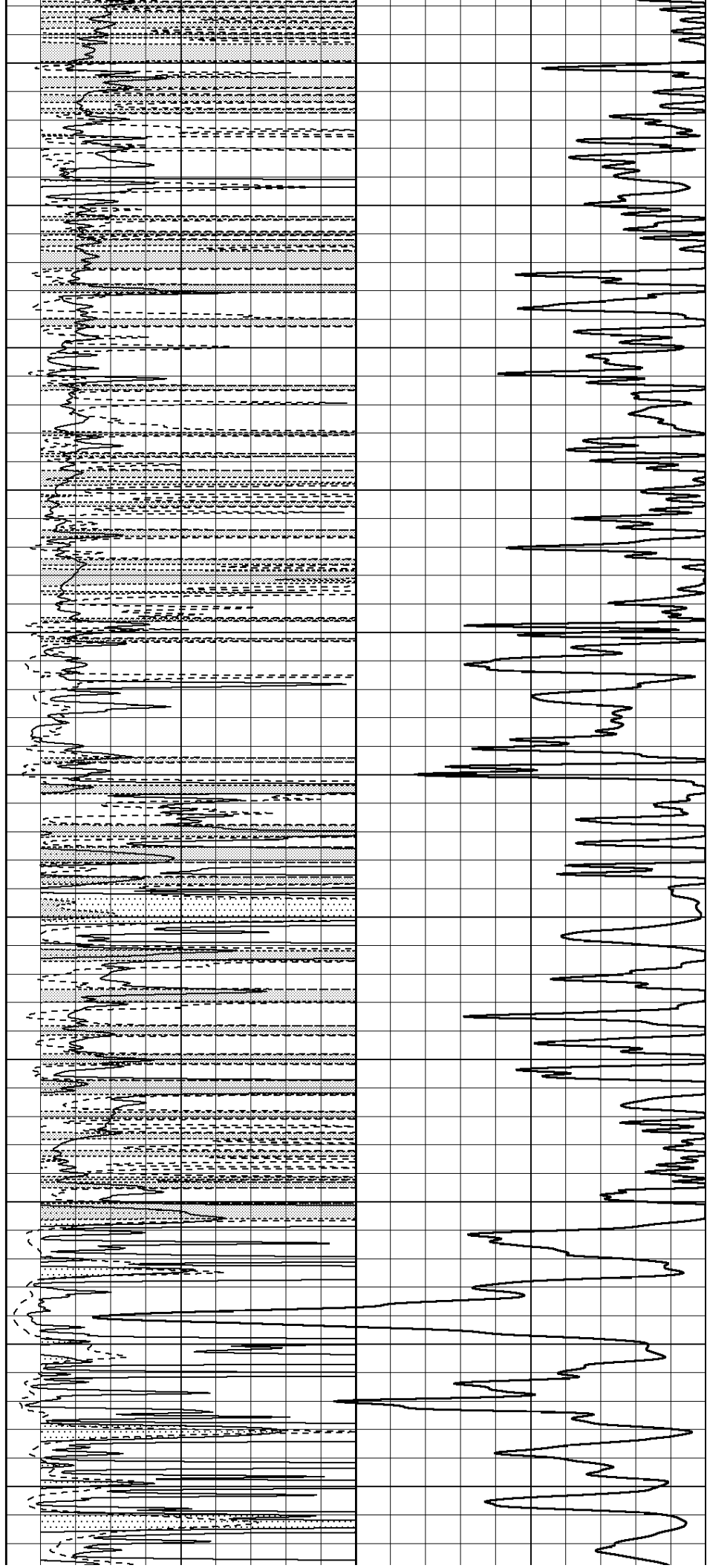
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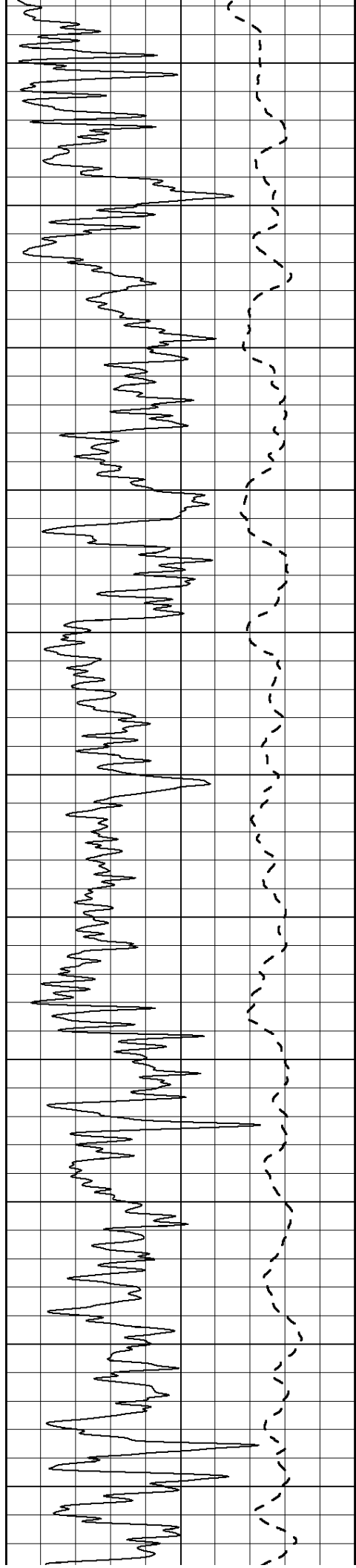
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2550

2600

2650





2700

2750

2800

2850

2900

2950

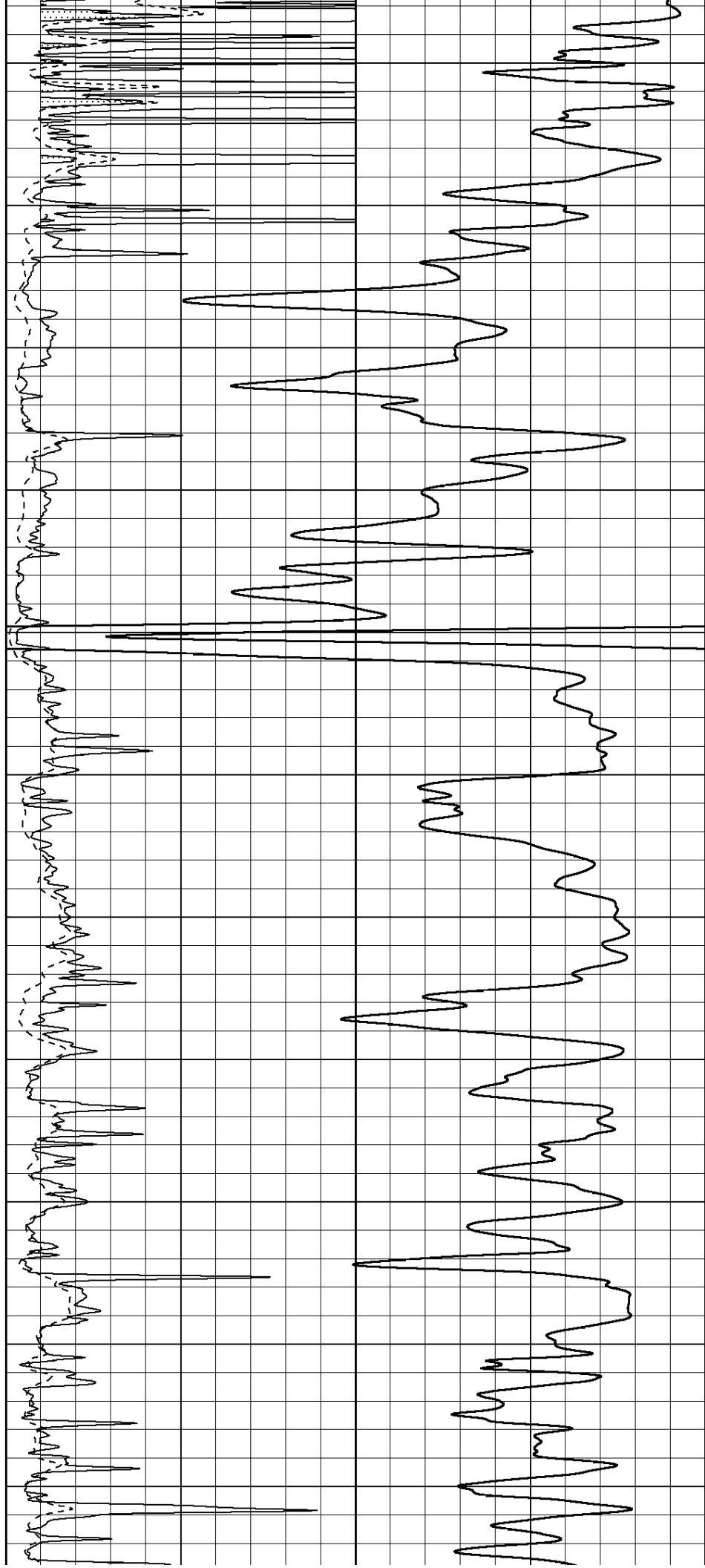
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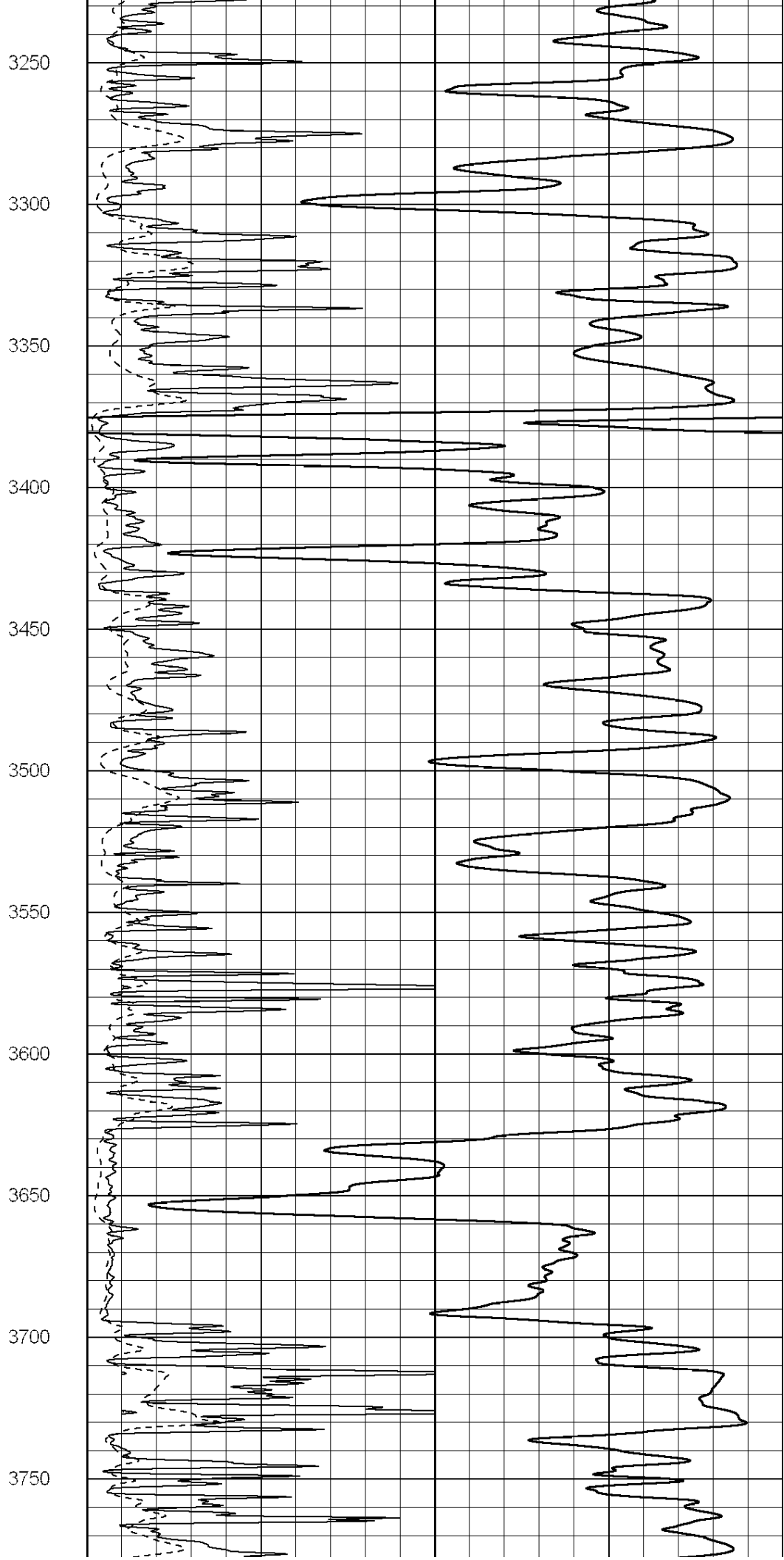
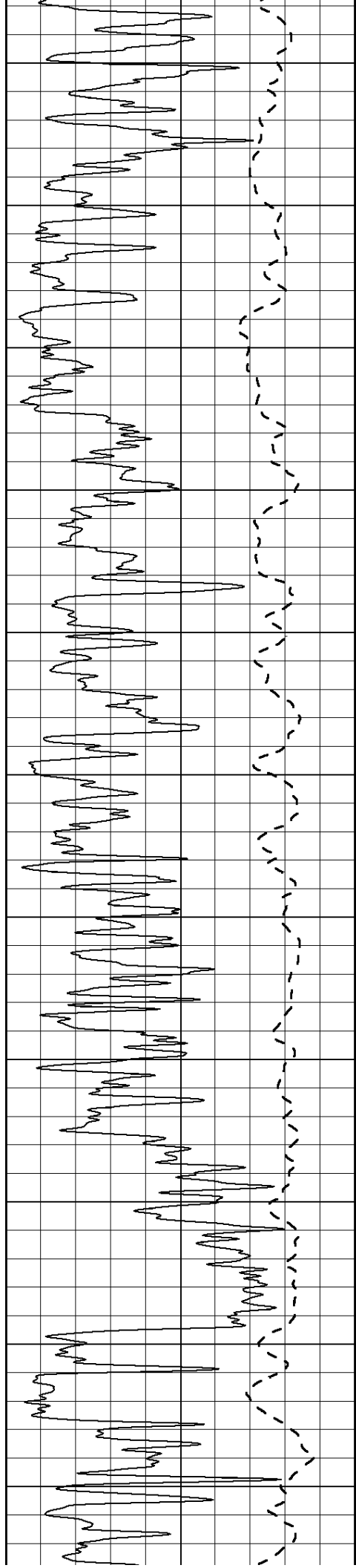
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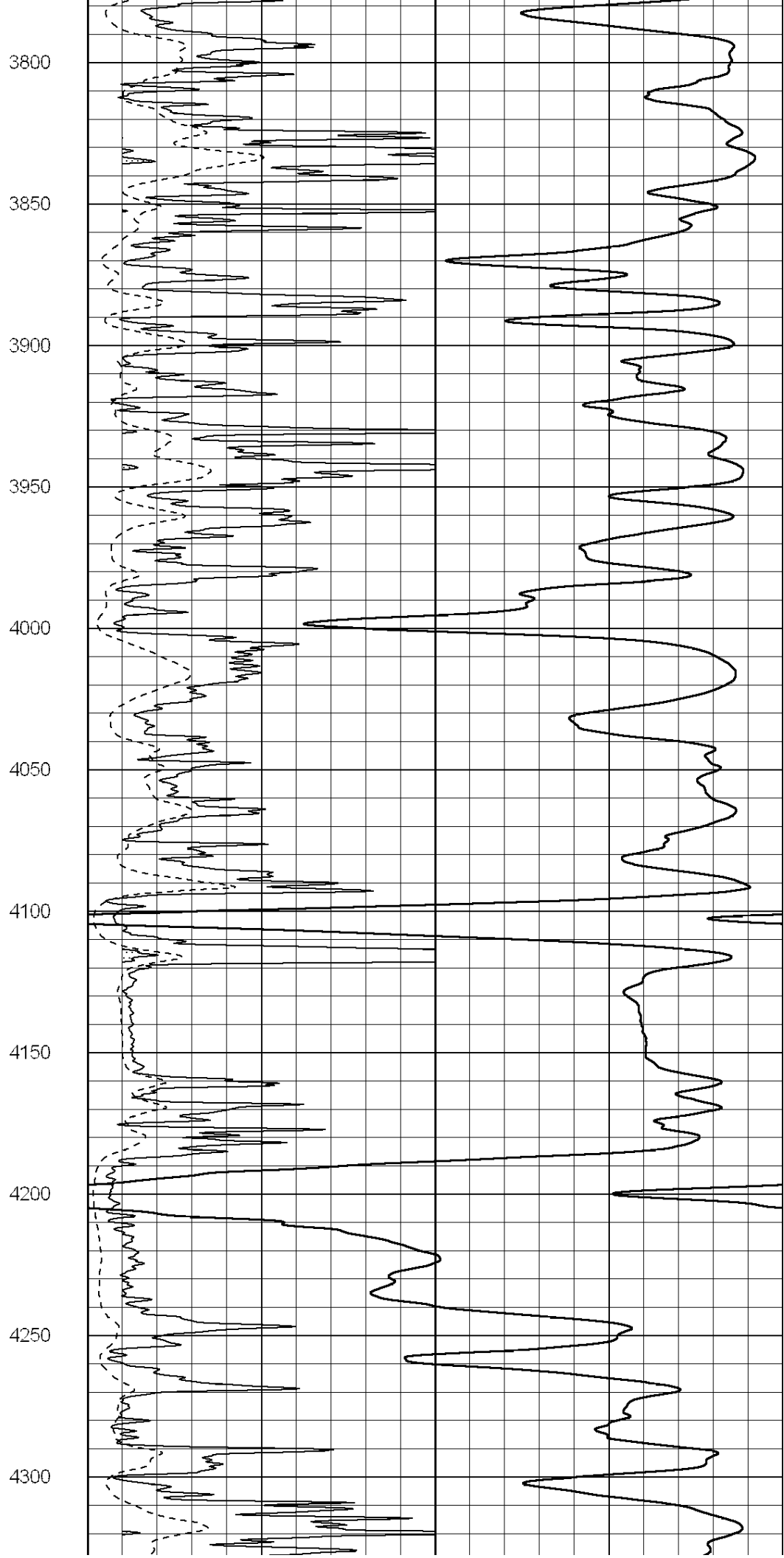
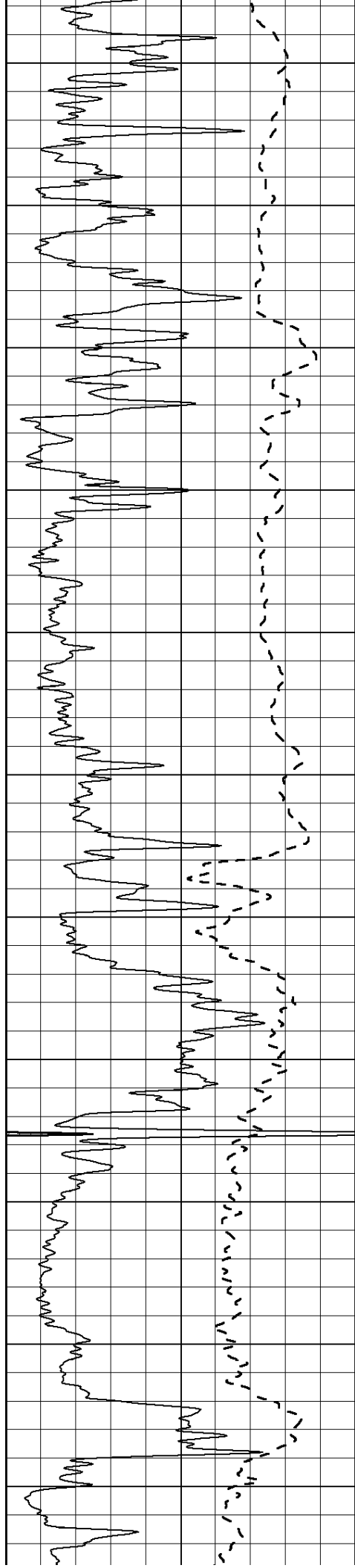
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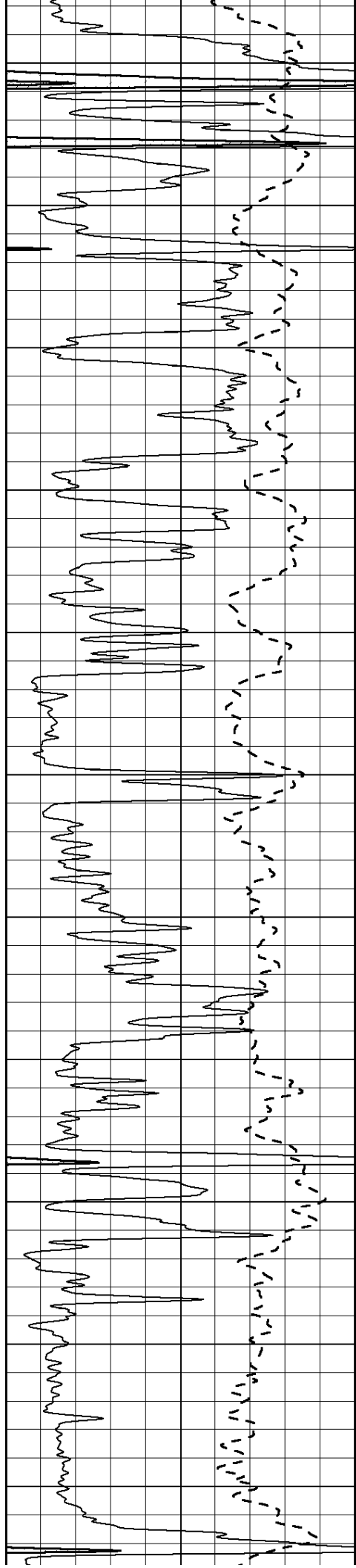
3150

3200









4350

4400

4450

4500

4550

4600

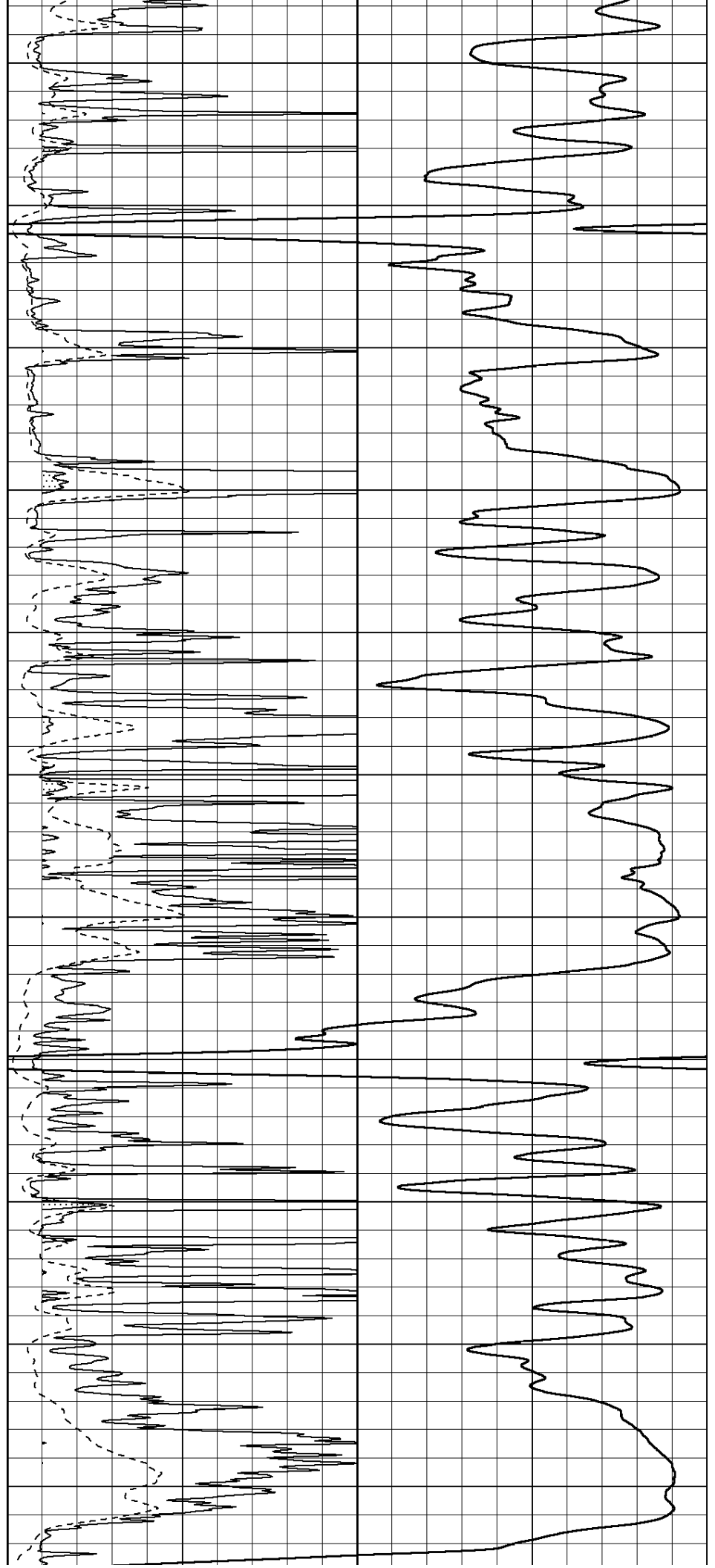
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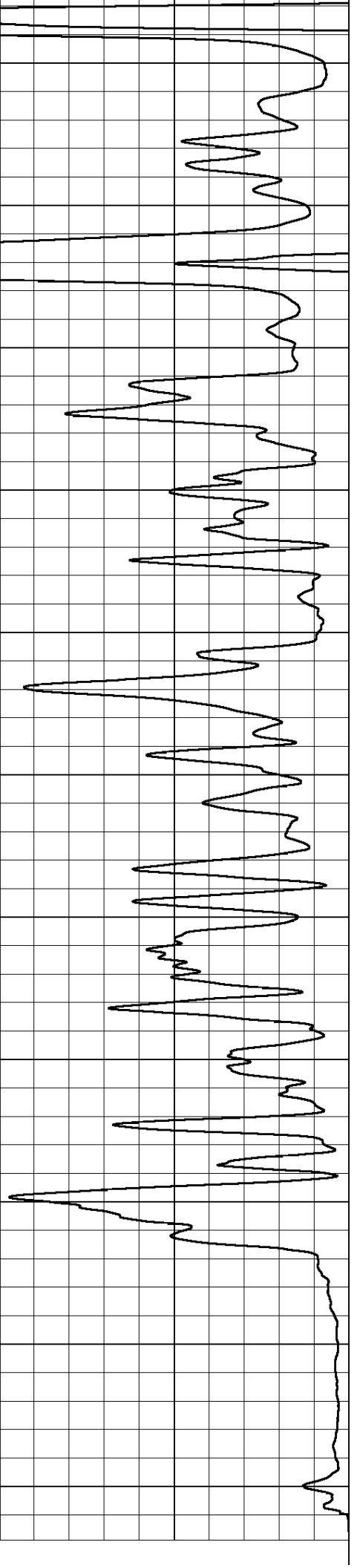
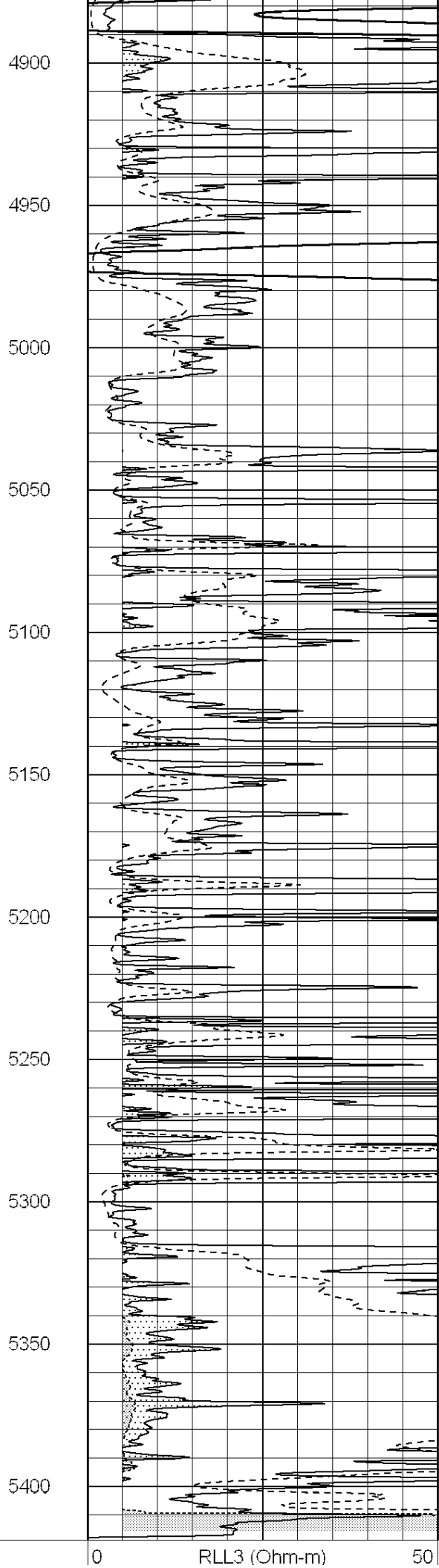
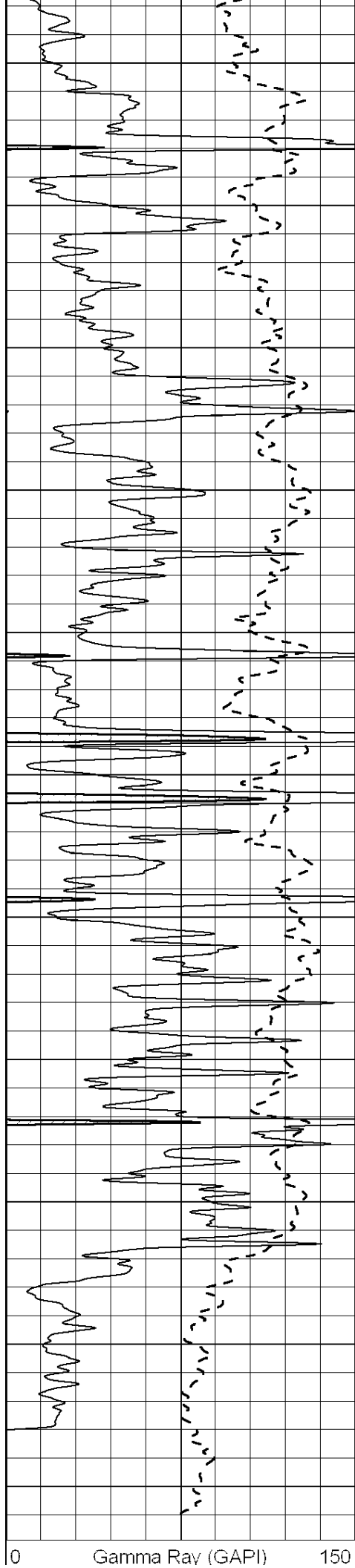
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4750

4800

4850





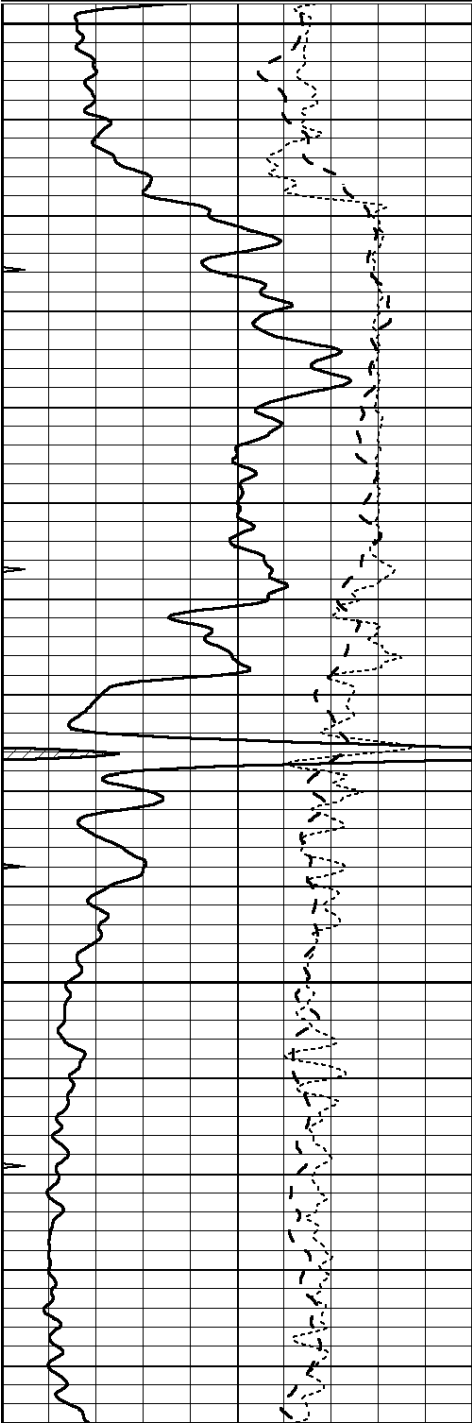
-100	SP (mV)	100
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0	RILD (Ohm-m)	50
1000	CILD (mmho/m)	0
50	RILD X10 (Ohm-m)	500
50	RLL3 X10 (Ohm-m)	500

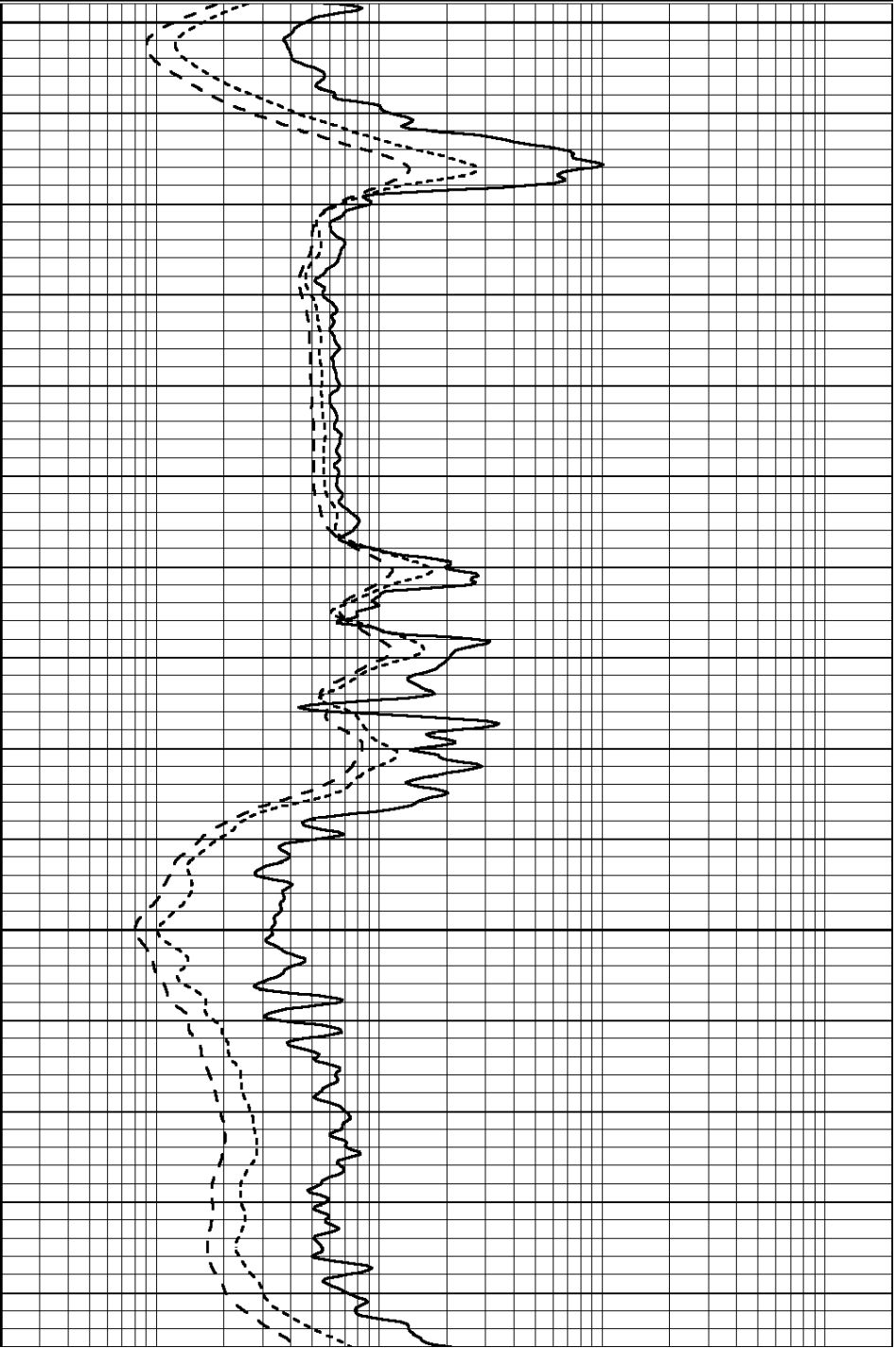
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Dataset Pathname:	pass3.2
Presentation Format:	_dil
Dataset Creation:	Mon Dec 03 04:00:20 2012 by Calc SOC 120430
Charted by:	Depth in Feet scaled 1:240

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

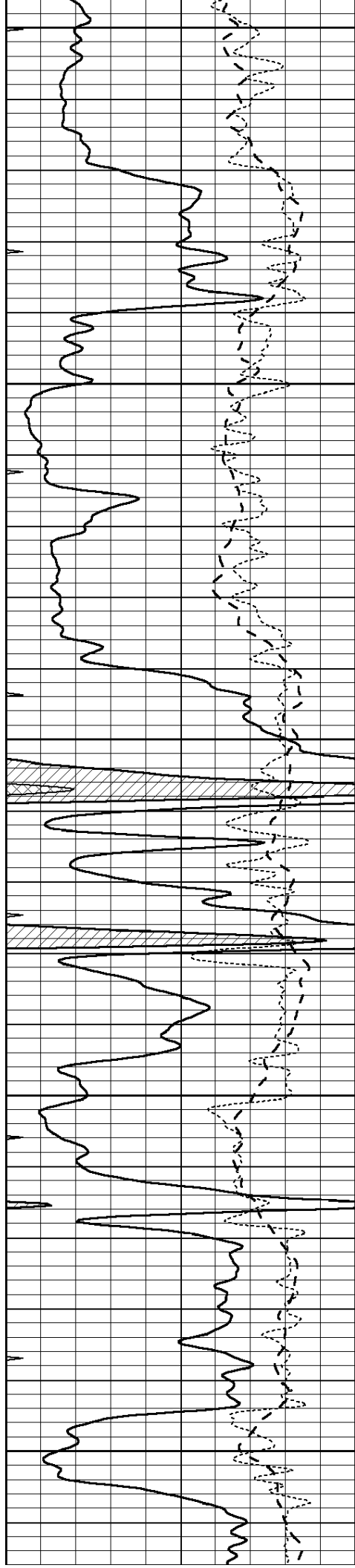


4100



4150

4200



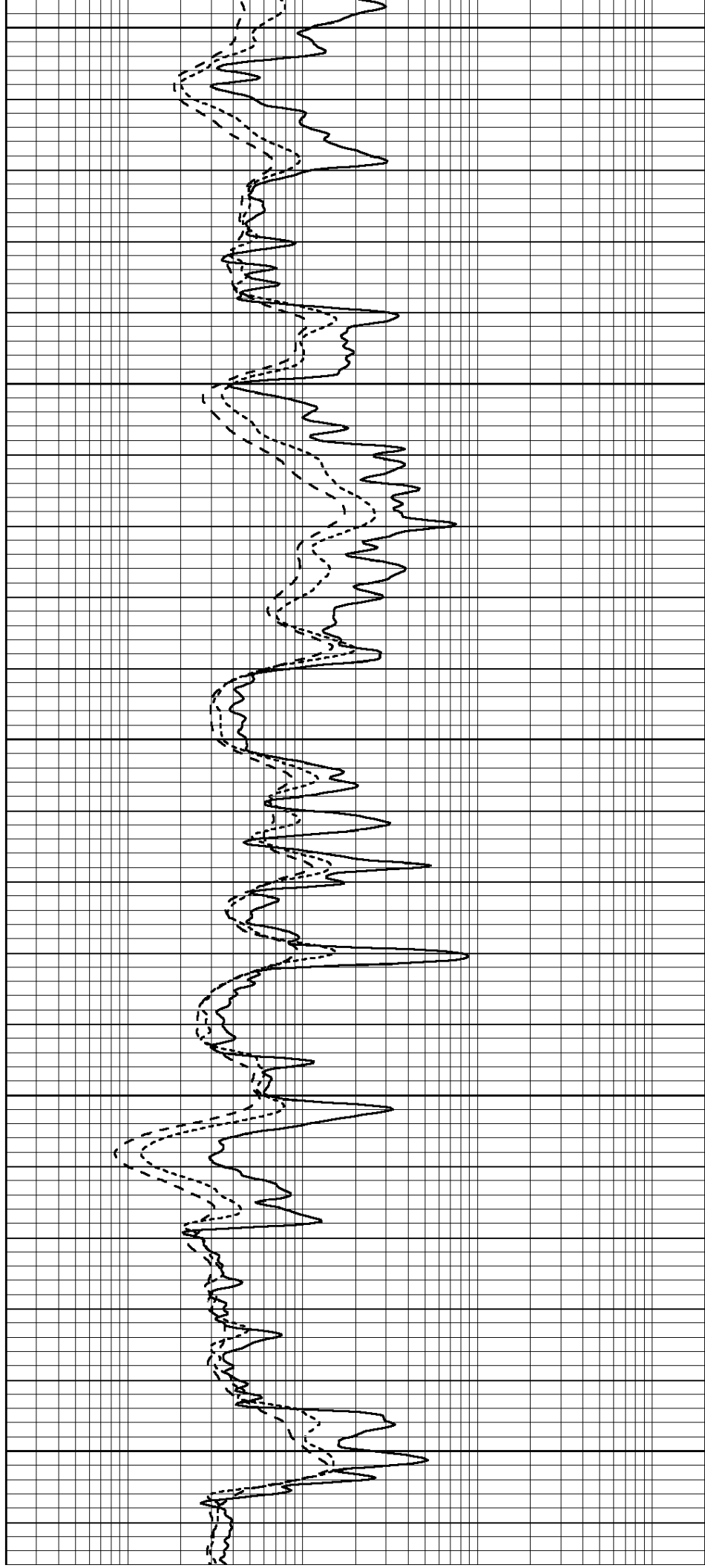
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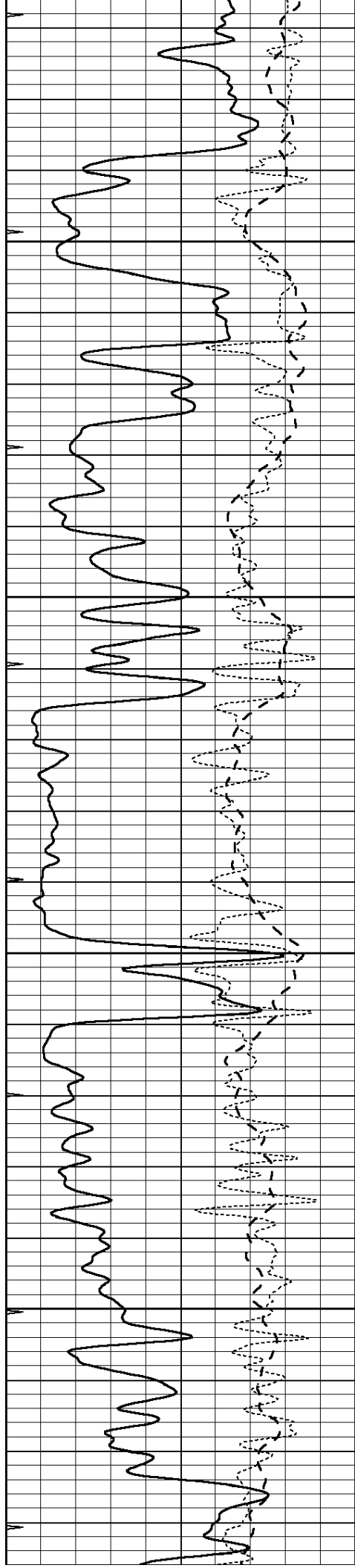
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4350

4400

4450



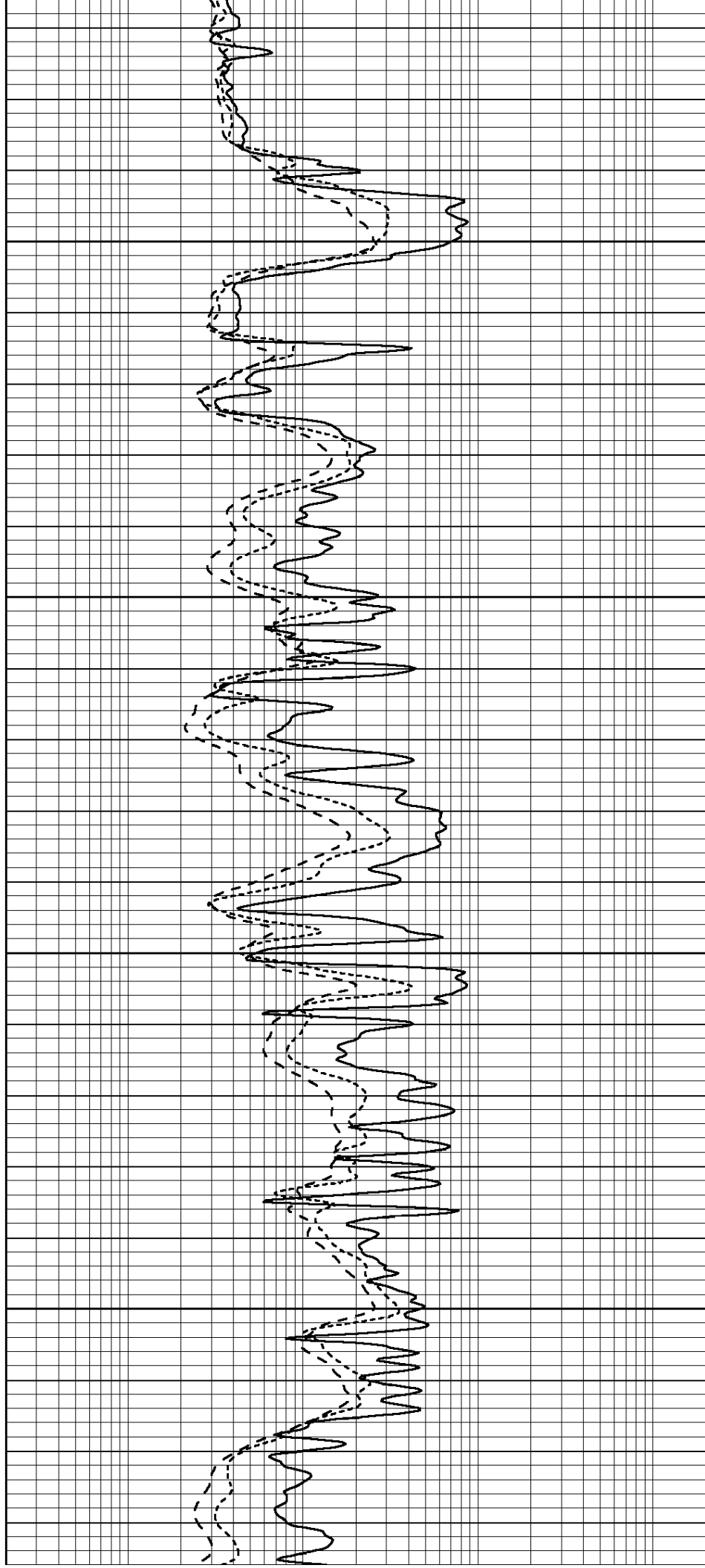


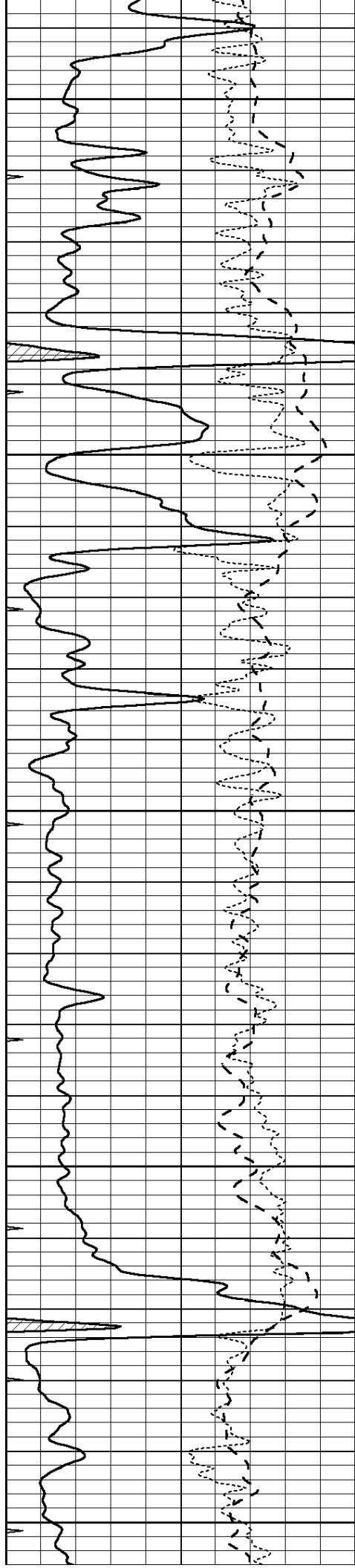
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4550

4600

4650





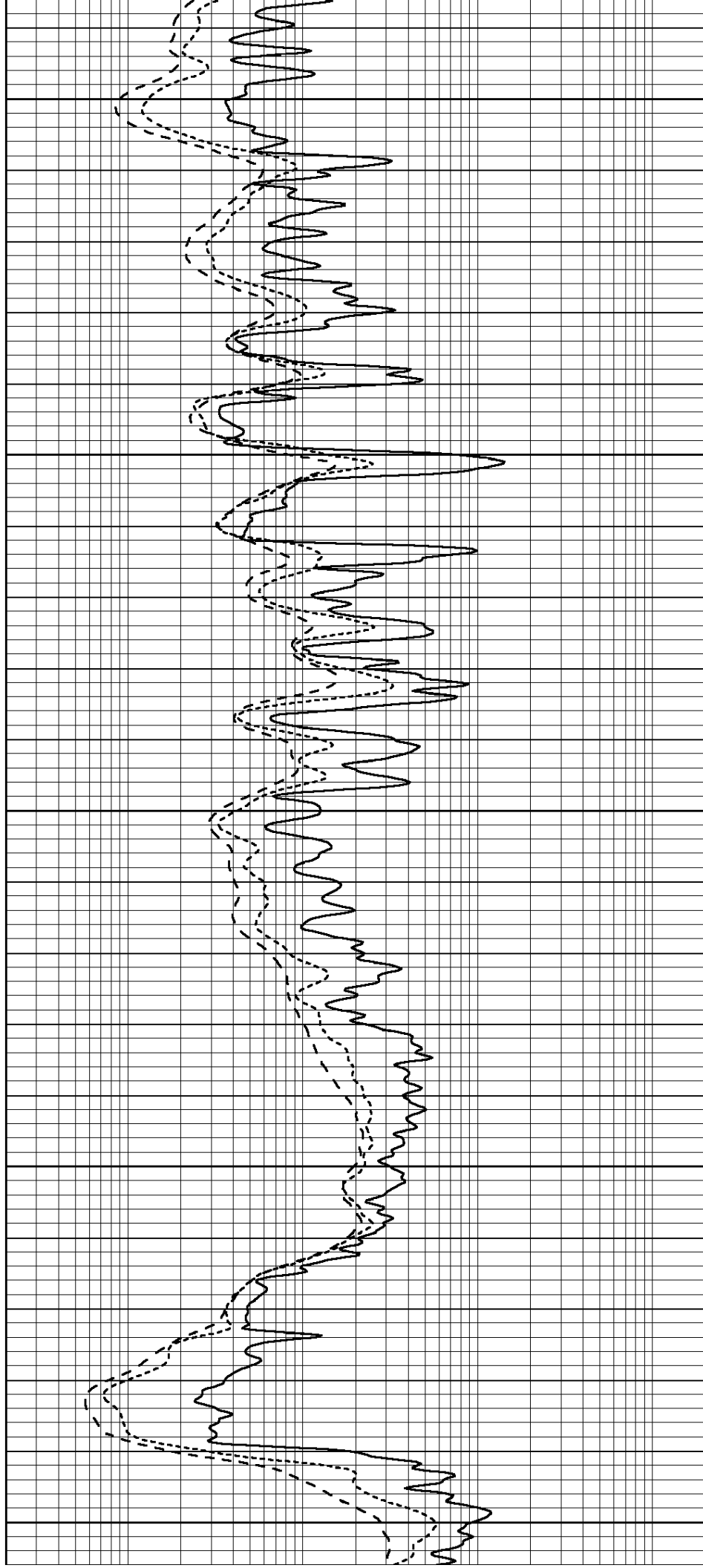
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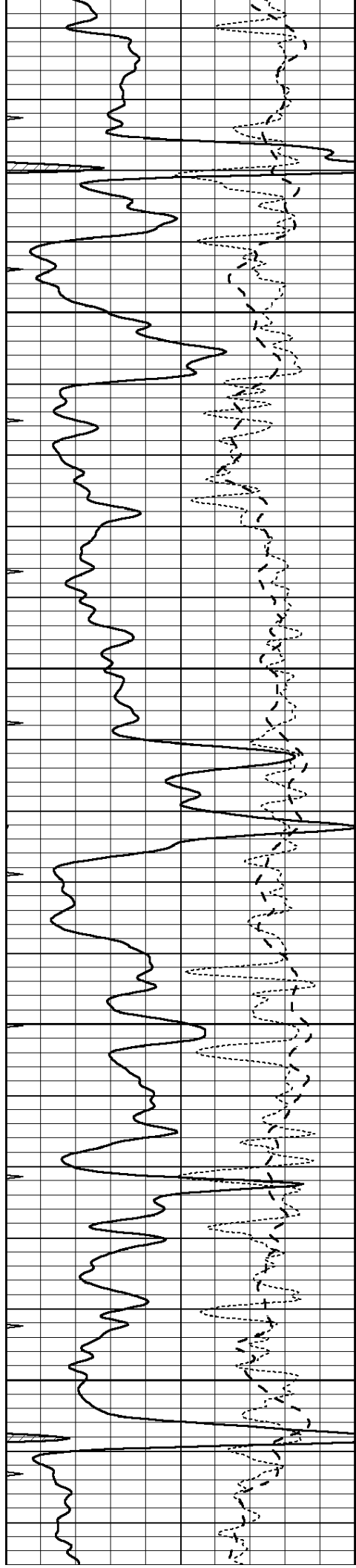
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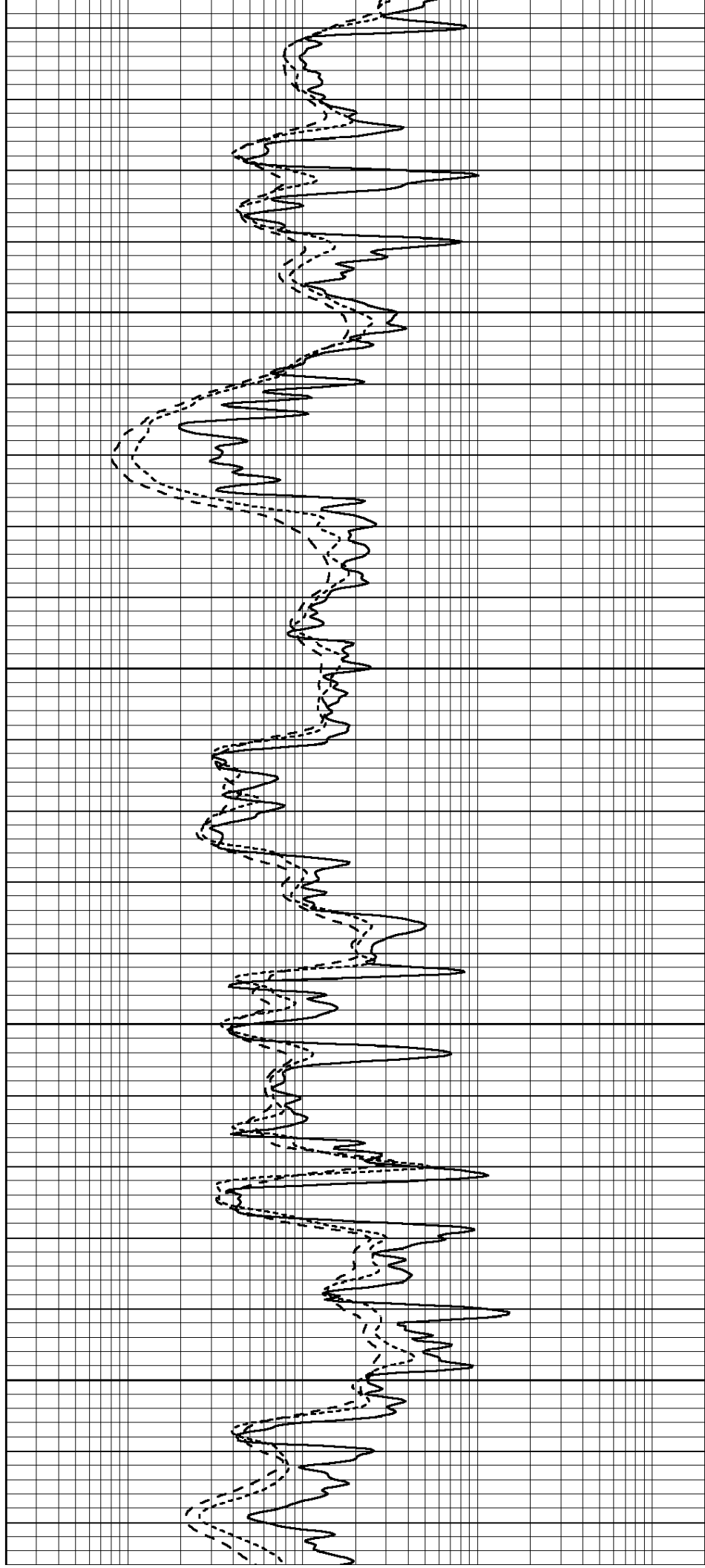


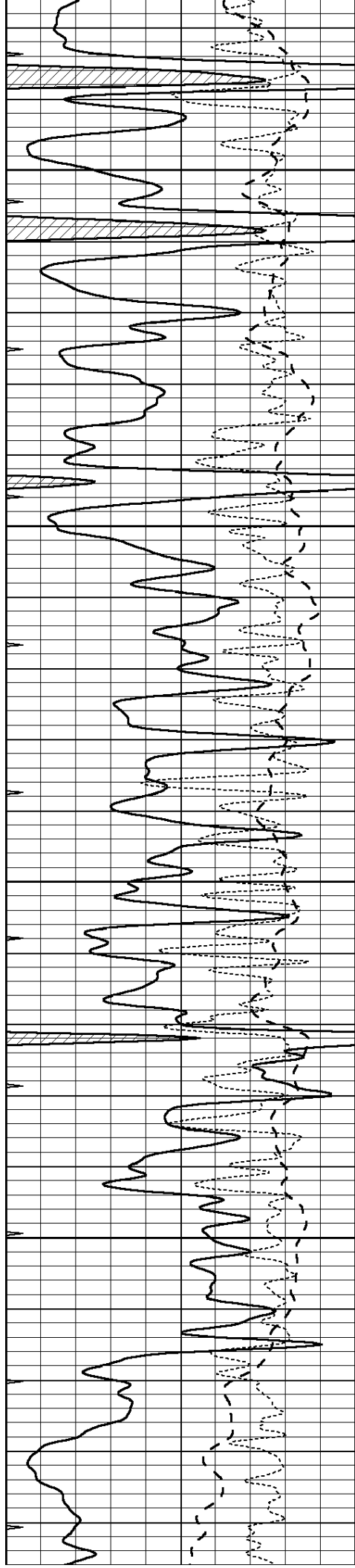
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5000

5050

5100



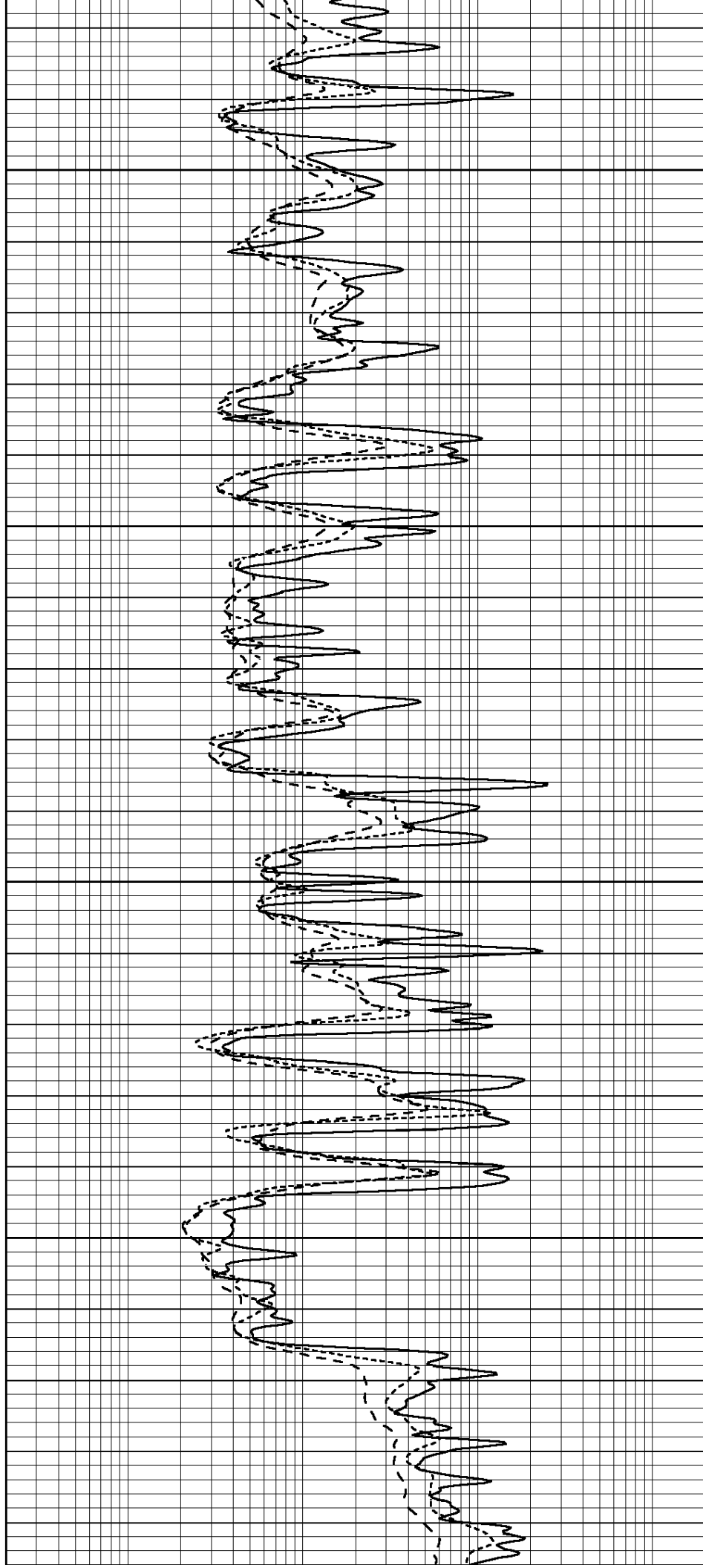


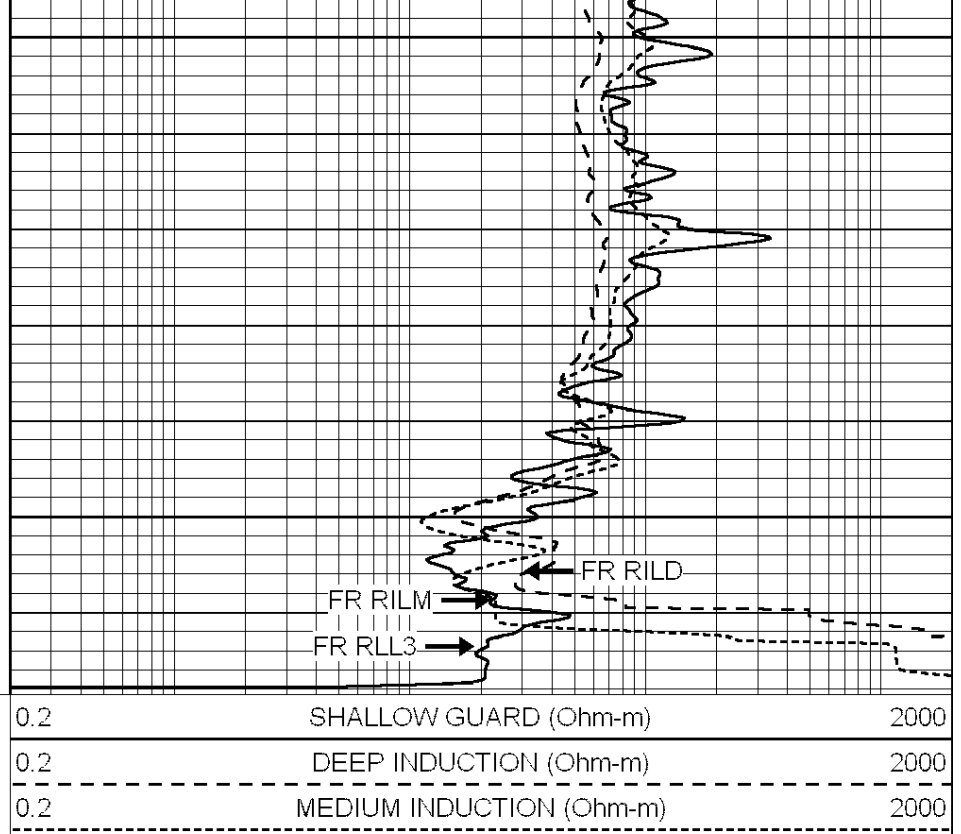
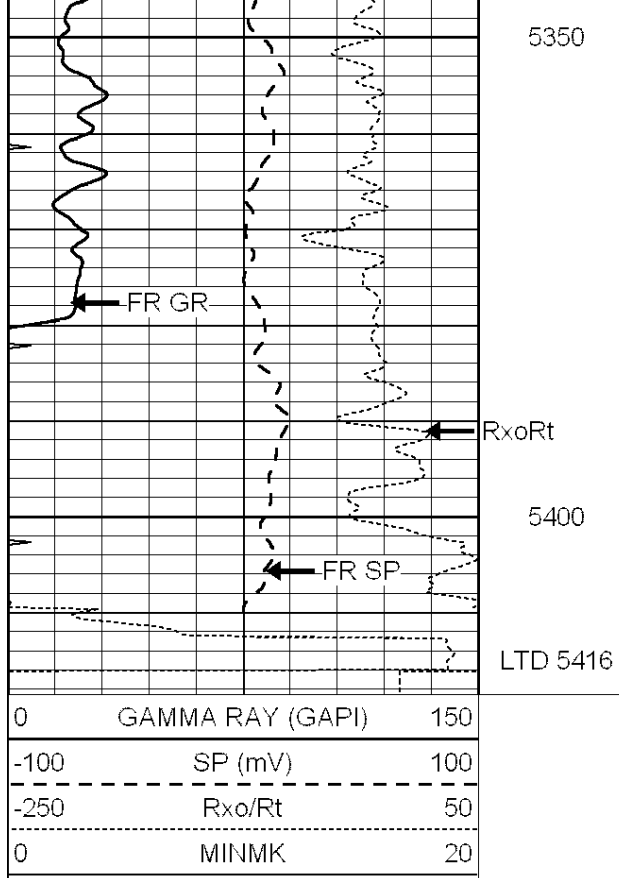
5150

5200

5250

5300

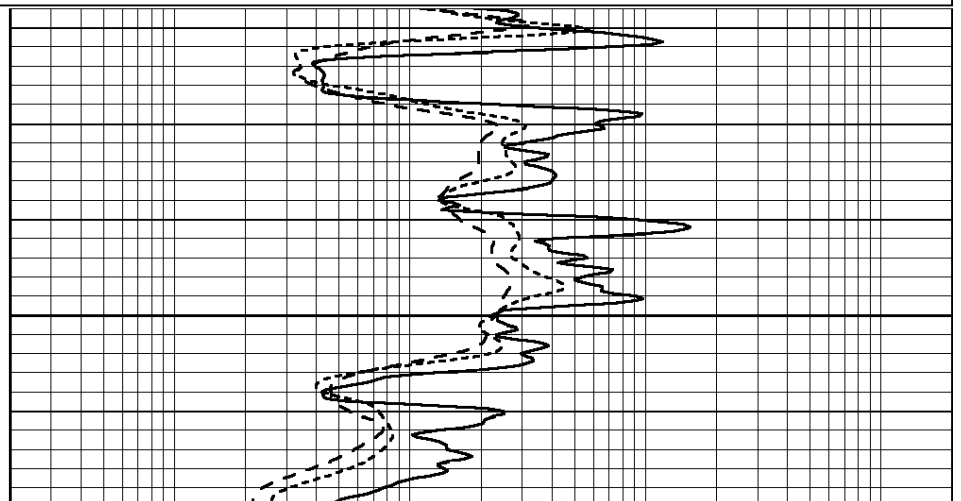
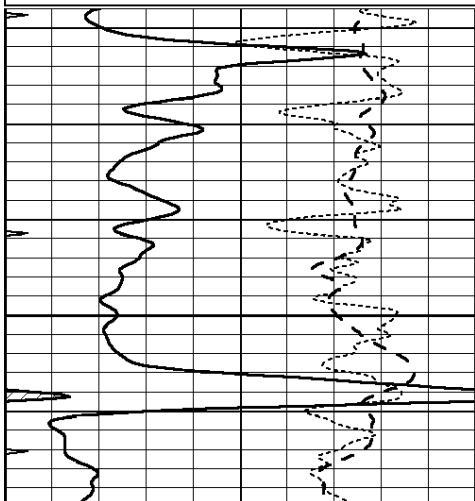
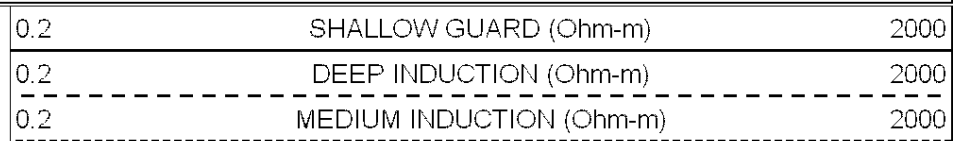
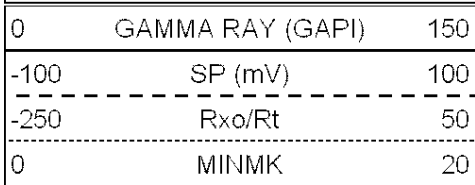


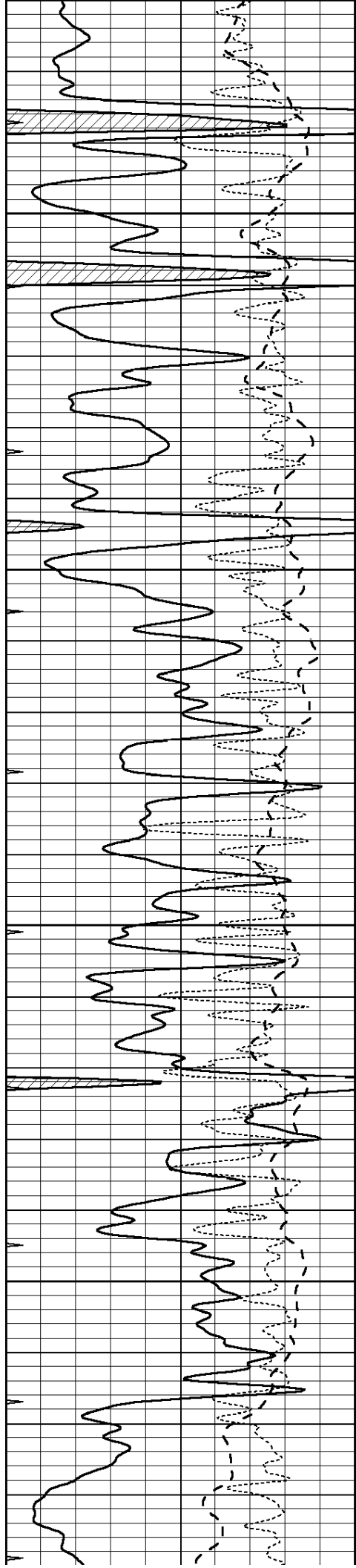


NABORS
COMPLETION
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SERVICES CO.

REPEAT SECTION

Database File: 010025pe.db
Dataset Pathname: pass2.3
Presentation Format: _dil
Dataset Creation: Mon Dec 03 03:30:13 2012
Charted by: Depth in Feet scaled 1:240



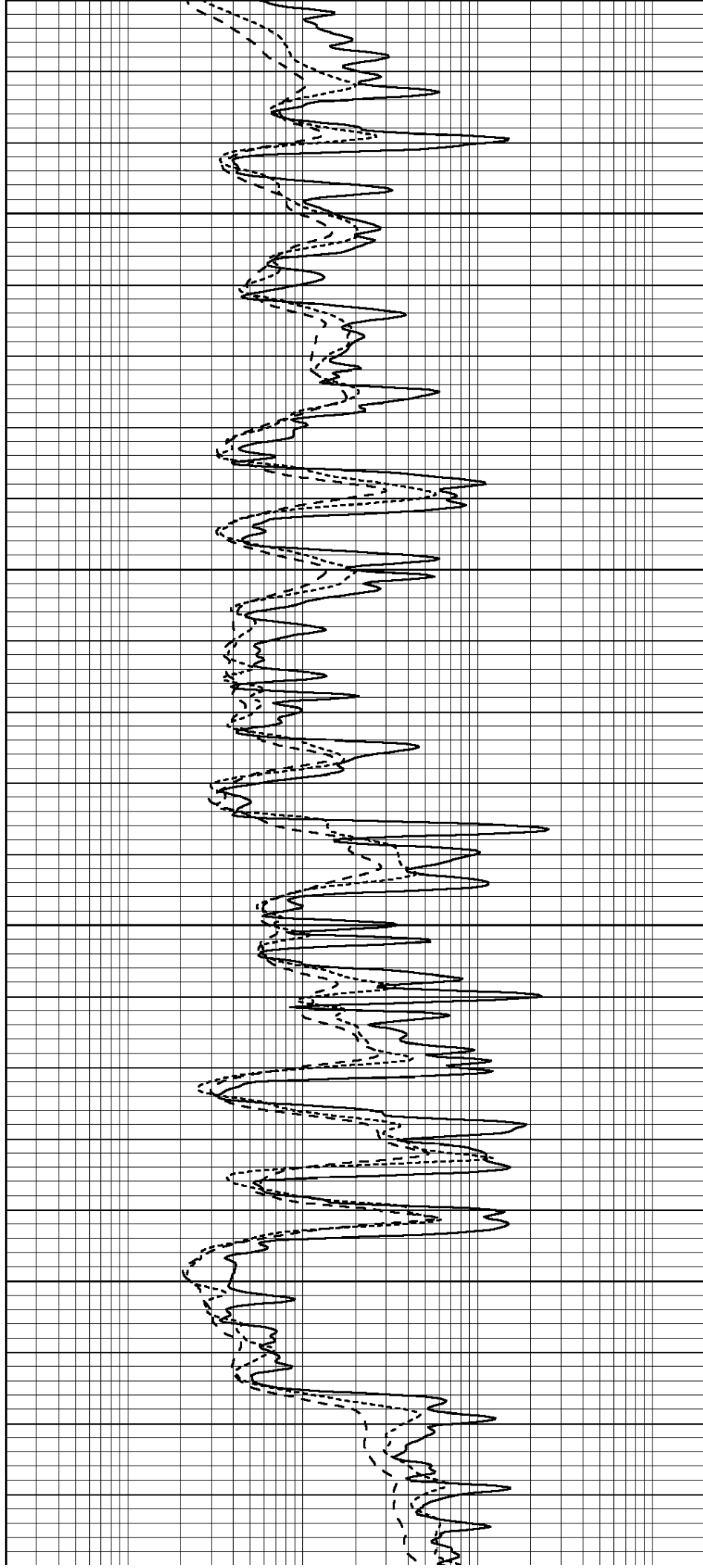


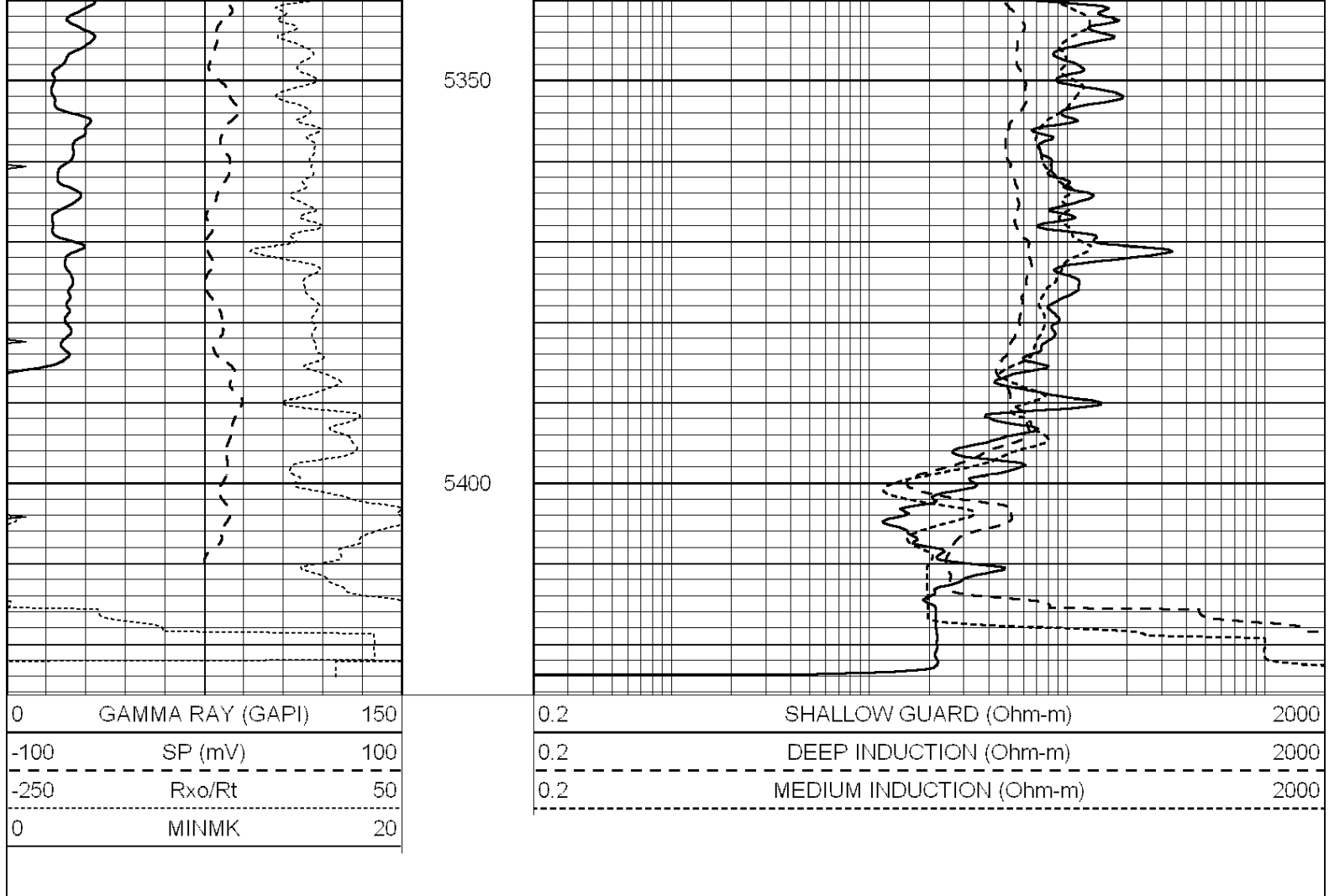
5150

5200

5250

5300





Calibration Report

Database File: 010025pe.db
 Dataset Pathname: pass3.3
 Dataset Creation: Mon Dec 03 05:54:41 2012 by Calc SOC 120430

Dual Induction Calibration Report

Serial-Model: DIL3-GEAR
 Performed: Wed Nov 28 17:31:04 2012

Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.011	0.656	V	0.000	400.000	mmho/m	640.000	10.000
Medium	0.013	0.740	V	0.000	462.500	mmho/m	700.000	3.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.002	0.645	V	0.000	400.000	mmho/m	622.059	-1.071
Medium	0.007	0.740	V	0.000	462.500	mmho/m	631.393	-4.555

Litho Density Calibration Report
 Serial: 006 Model: PRB
 Performed Sun Aug 15 09:48:41 2010

Litho Density Calibration

	Background	Magnesium	Aluminum	Sandstone	
Window 1	1686.6	11612.8	3932.0	12718.8	cps
Window 2	1531.4	9204.7	3267.8	9851.9	cps

Window 3	1198.3	4733.6	1952.5	4920.6	cps
Window 4	317.3	321.2	325.9	303.6	cps
Long Space	0.0	7673.3	1736.4	8320.4	cps
Short Space	1.7	2548.5	1657.2	2628.8	cps
Rho		1.7100	2.5900	1.3800	g/cc
Pe			2.5700	1.5500	
Rib Angle	: 43.8	Rib Slope	: 0.961	Density/Spine Ratio	: 0.569
Spine Angle	: 73.8	Spine Slope	: 3.453	Spine Intercept	: -18.1

Caliper					
	Readings	Reference			
Low Ref	3.5	6.4			
High Ref	5.5	15.0			
	Gain: 4.5		Offset: -9.4		

Compensated Neutron Calibration Report
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Serial Number:	070808
Tool Model:	Probe

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:	070559				
Tool Model:	OPEN_GR				
Performed:	Wed Nov 28 18:32:17 2012				
Calibrator Value:	1.0	GAPI			
Background Reading:	0.0	cps			
Calibrator Reading:	1.0	cps			
Sensitivity:	0.3000	GAPI/cps			