



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

DUAL INDUCTION LOG

Company	ANDERSON ENERGY, INC.	Company	ANDERSON ENERGY, INC.	Location:	API # : 15-173-21034-0000	Other Services CDL/CNL/PE MEL
Well	HUDDLESTON #2	Well	HUDDLESTON #2	SEC 14 TWP 29S RGE 1W		
Field	WILDCAT	Field	WILDCAT	1431' FSL & 1370' FEL		
County	SEDGWICK	County	SEDGWICK			
State	KANSAS	State	KANSAS			
Permanent Datum	GROUND LEVEL	Elevation	1274			
Log Measured From	KELLY BUSHING 9' A.G.L.					
Drilling Measured From	KELLY BUSHING					
Date	5/1/14					
Run Number	ONE					
Depth Driller	3900					
Depth Logger	3902					
Bottom Logged Interval	3900					
Top Log Interval	00					
Casing Driller	8 5/8"@301'		13 3/8"@118'			
Casing Logger	302					
Bit Size	7 7/8"					
Type Fluid in Hole	CHEMICAL MUD		CHLORIDES 3,600 PPM			
Density / Viscosity	9.2/5.1					
pH / Fluid Loss	10.0/9.0					
Source of Sample	FLOWLINE					
Rin @ Meas. Temp	.950@82F					
Rinf @ Meas. Temp	.713@82F					
Rinc @ Meas. Temp	1.14@82F					
Source of Rinf / Rinc	MEASUREMENT					
Rin @ BHT	115F					
Time Circulation Stopped	2.5 HOURS					
Time Logger on Bottom	7:45 P.M.					
Maximum Recorded Temperature	115F					
Equipment Number	4854					
Location	HAYS, KANSAS					
Recorded By	JEFF LUEBBERS					
Witnessed By	KEN LeBLANC					

<<< Fold Here >>>

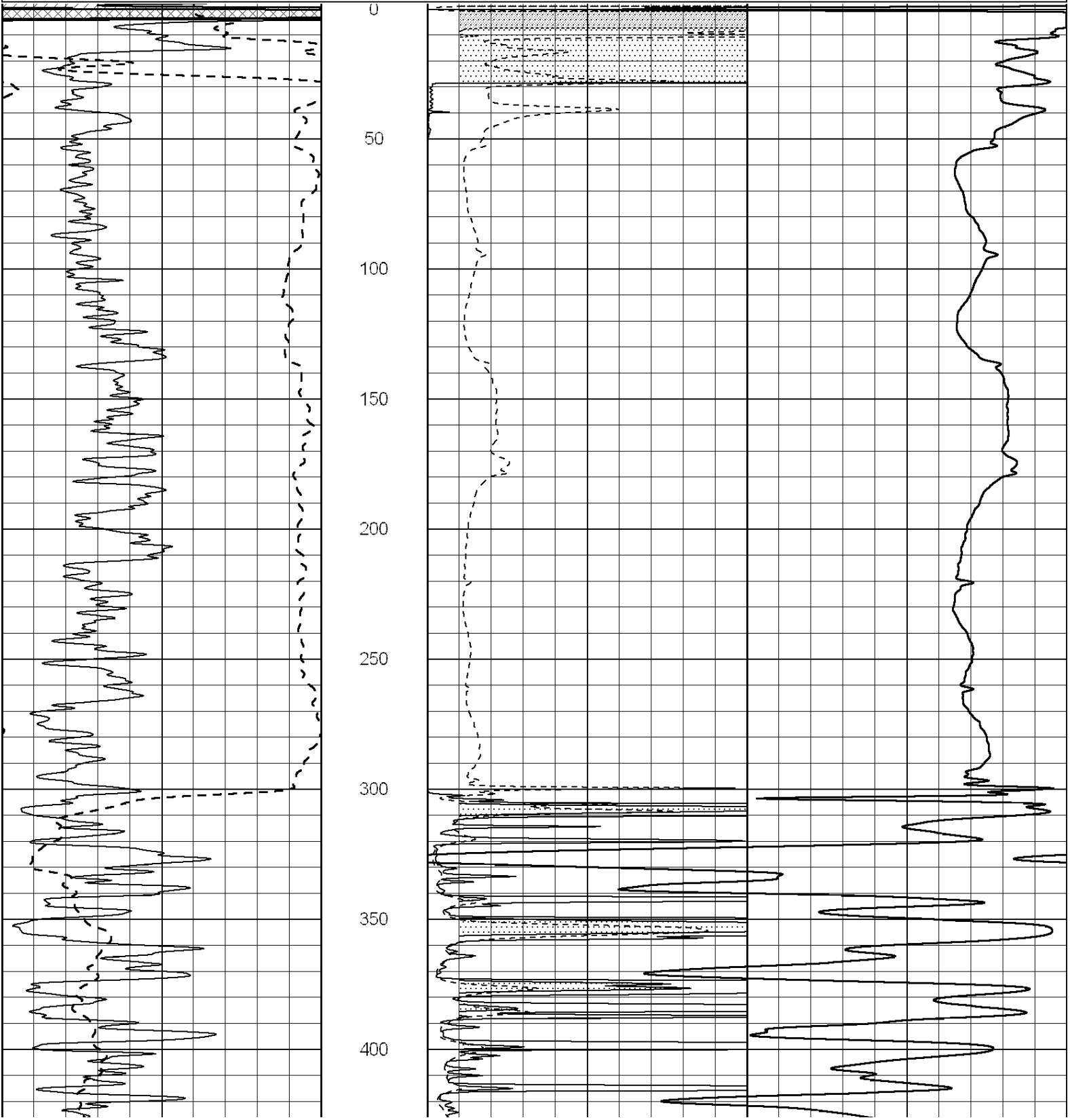
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

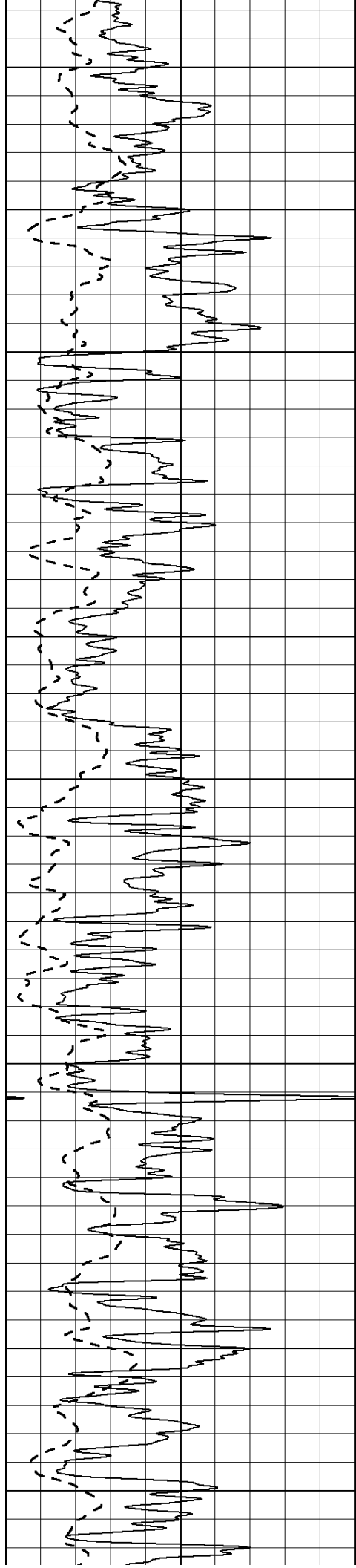
Comments

THANK YOU FOR USING "NABORS" HAYS, KANSAS (785) 628-6395
DIRECTIONS
WICHITA, KS. HWY 54 TO "MERIDIAN", 11S. TO "95TH ST. SOUTH", 1 1/2W., N. INTO

Database File: 23821pe.db
Dataset Pathname: pass3.6
Presentation Format: dil2
Dataset Creation: Thu May 01 21:31:48 2014 by Calc SOC 120430
Charted by: Depth in Feet scaled 1:600

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





450

500

550

600

650

700

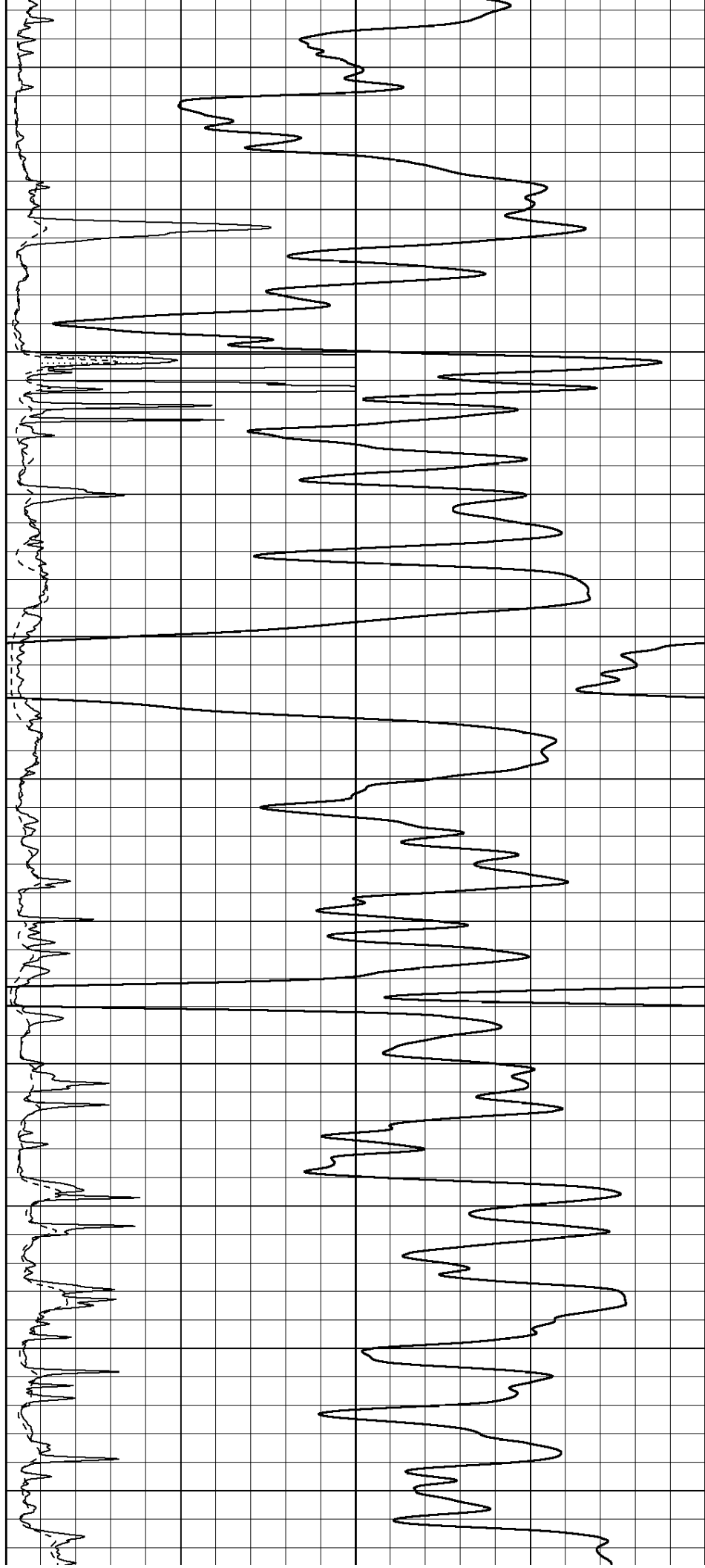
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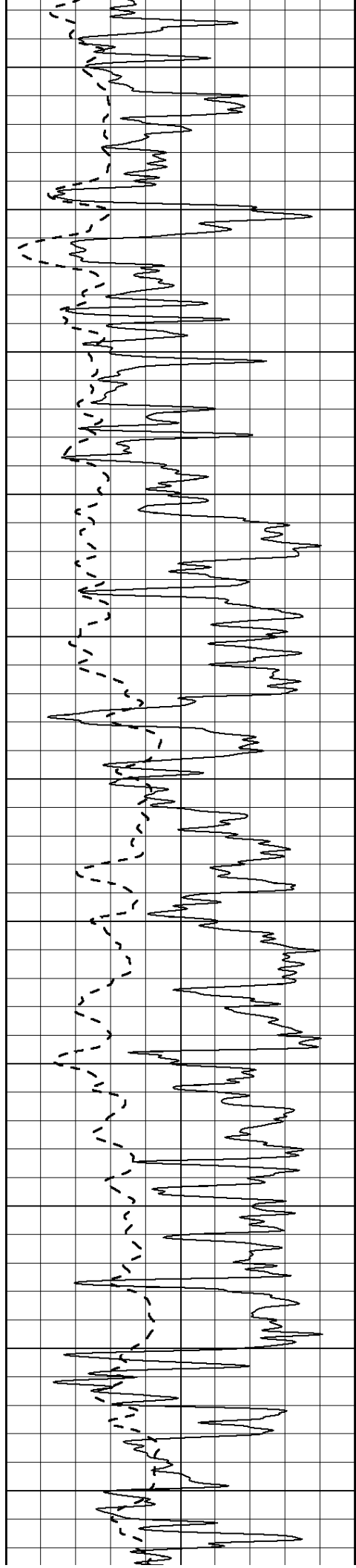
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850

900

950





1000

1050

1100

1150

1200

1250

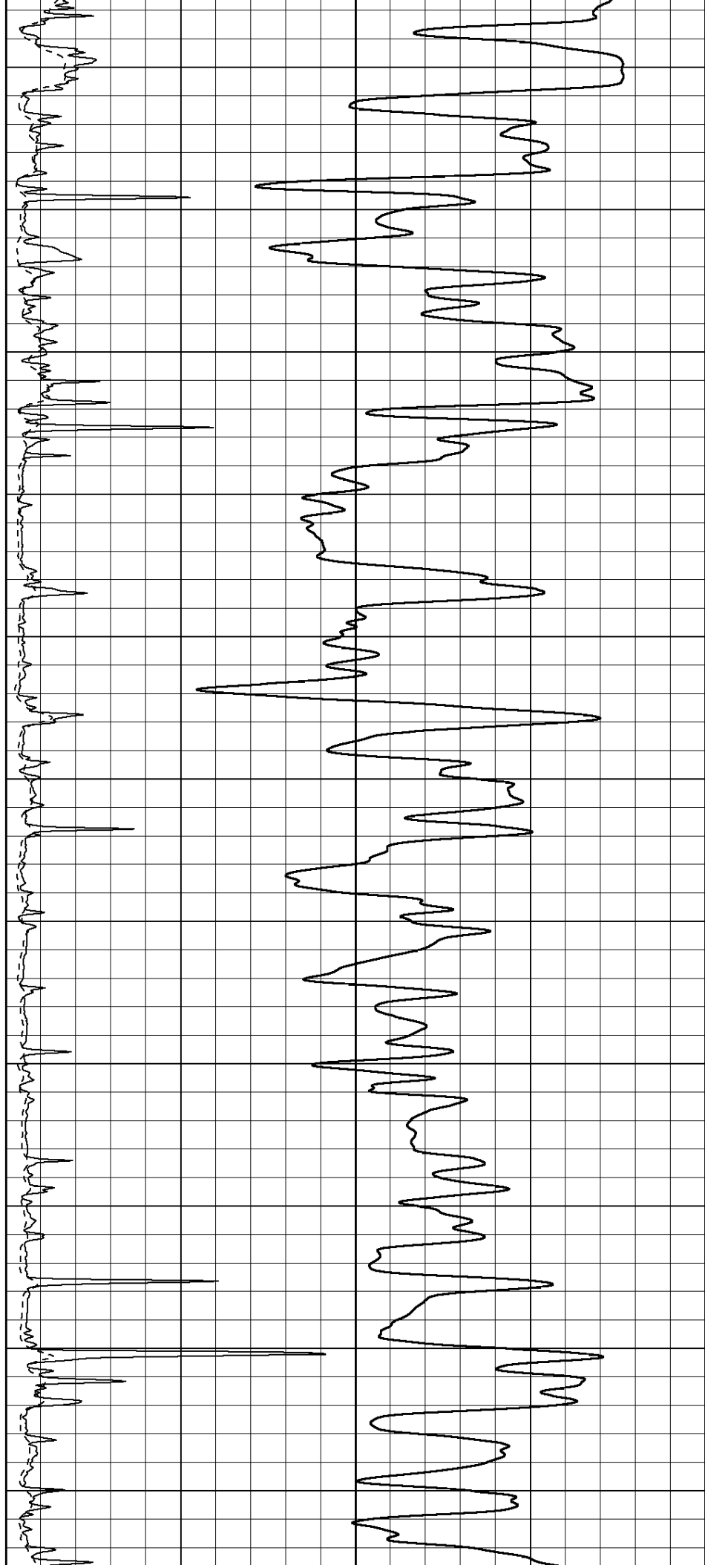
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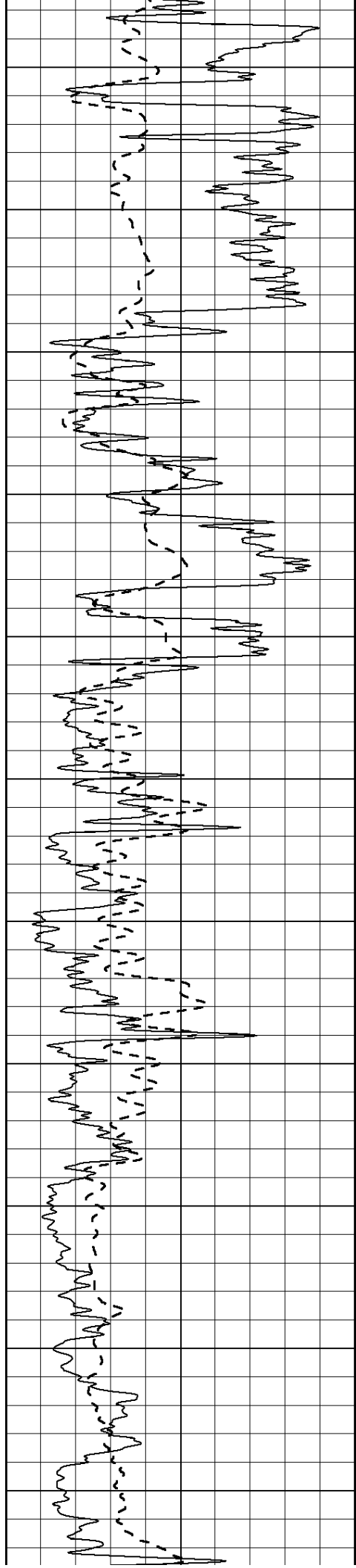
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1400

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1500





1550

1600

1650

1700

1750

1800

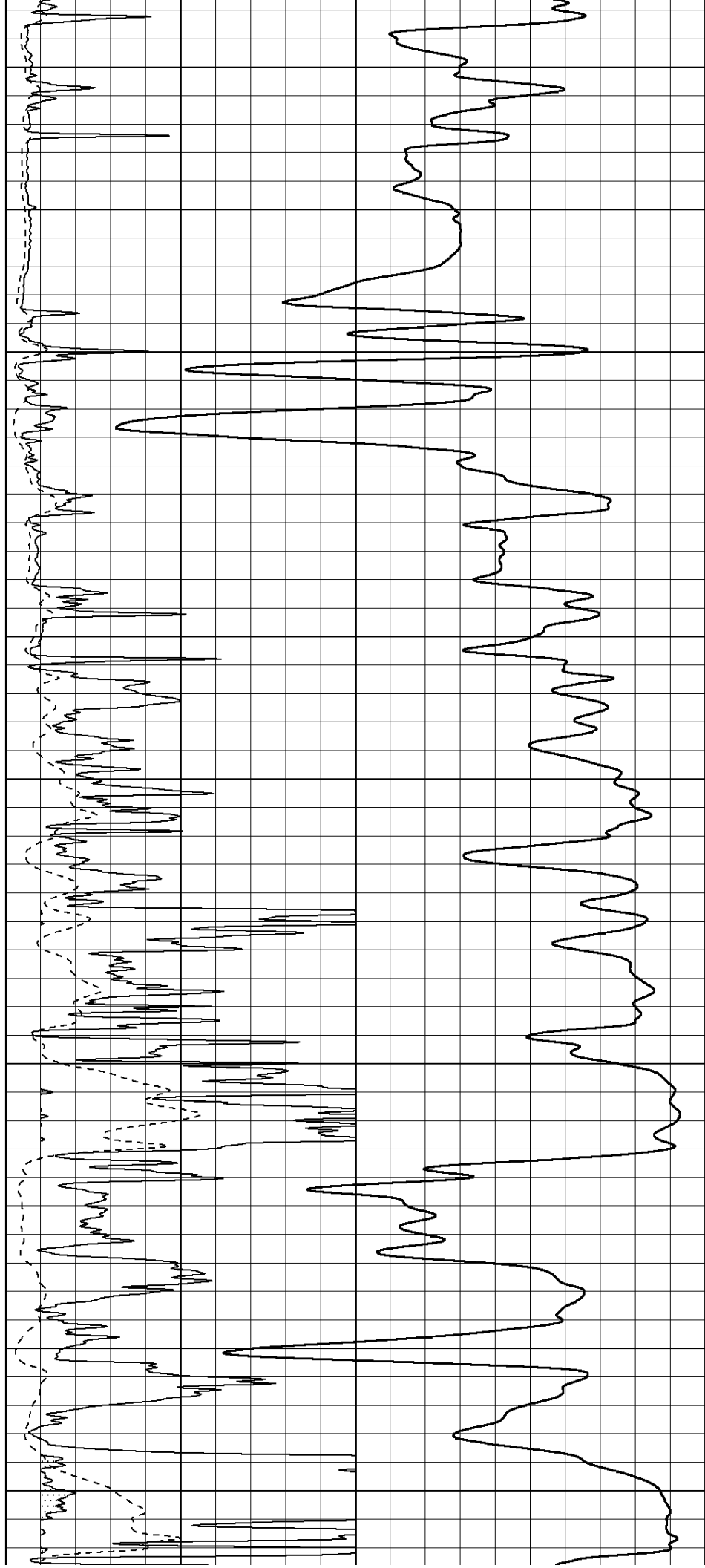
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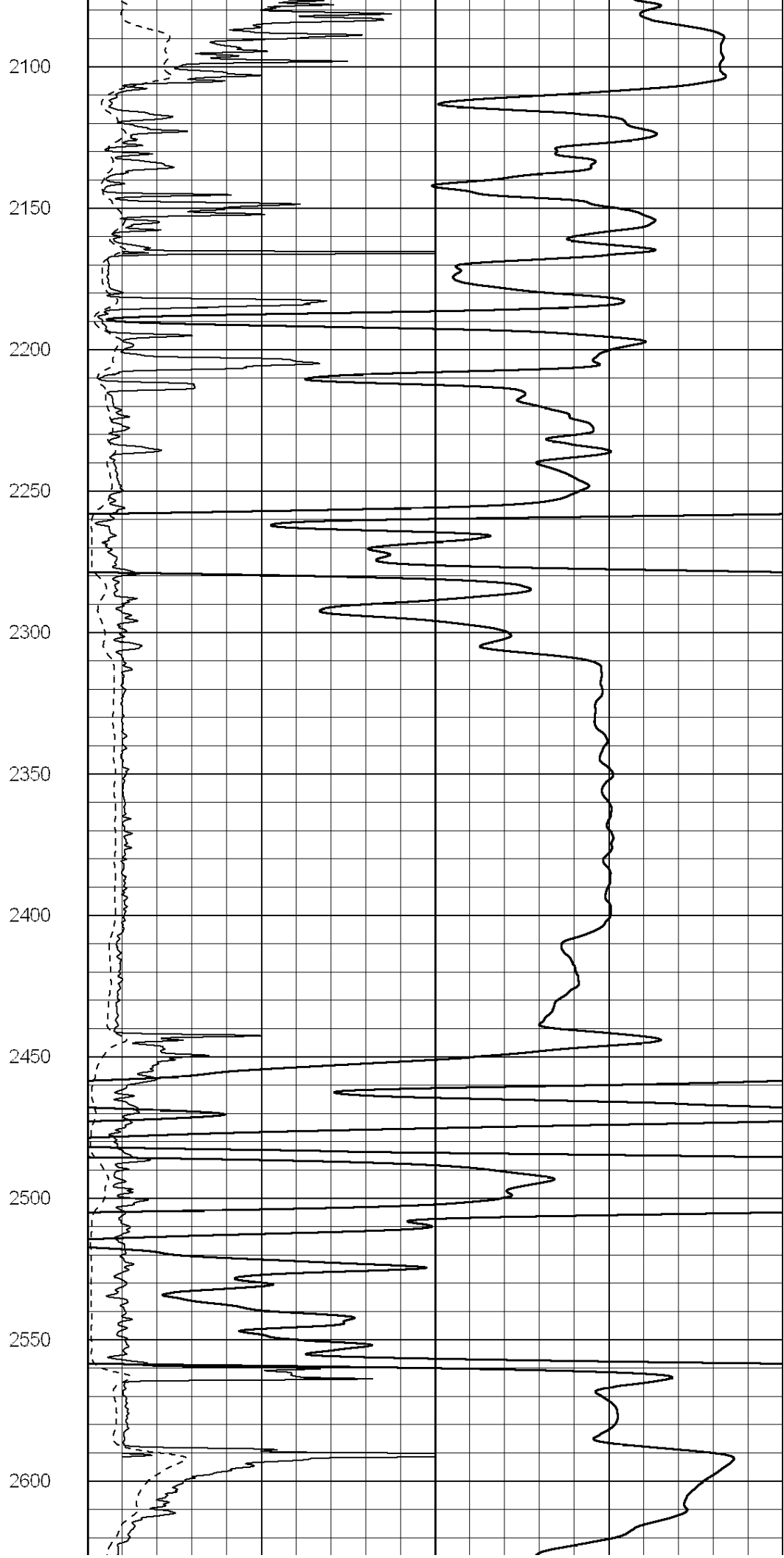
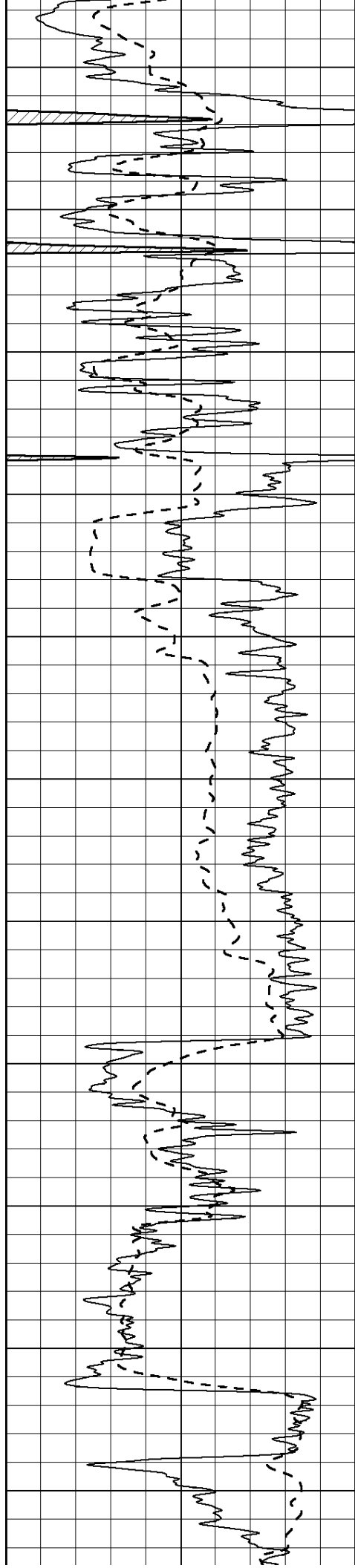
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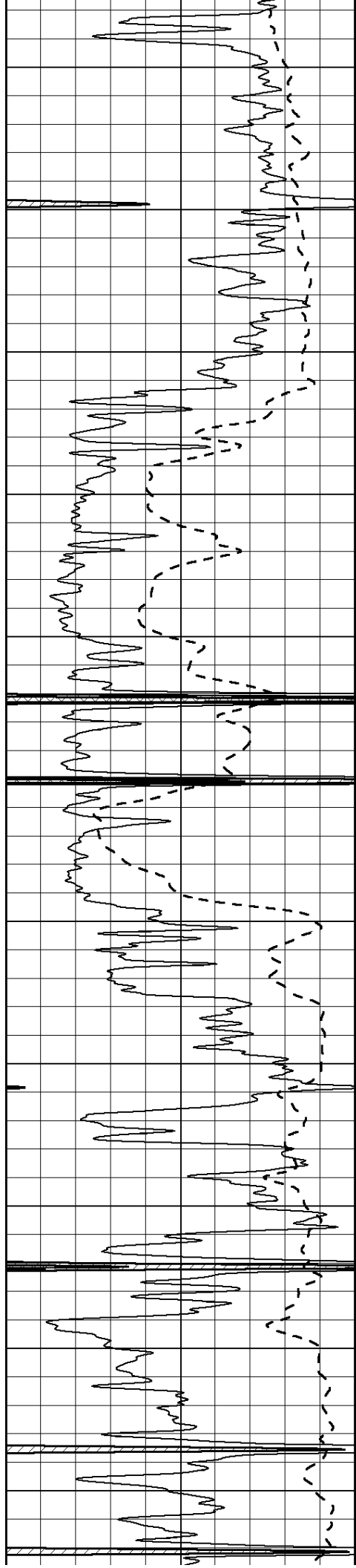
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2000

2050







2650

2700

2750

2800

2850

2900

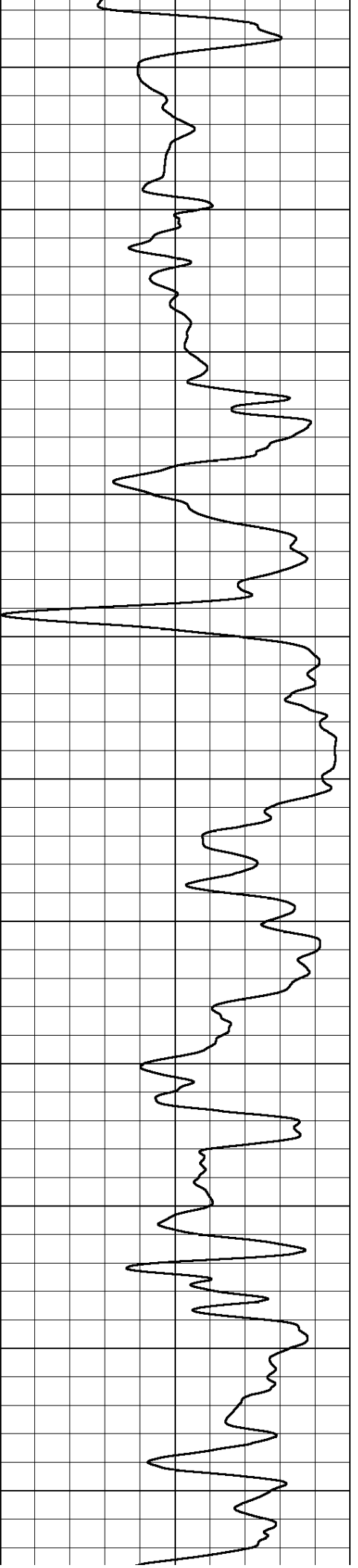
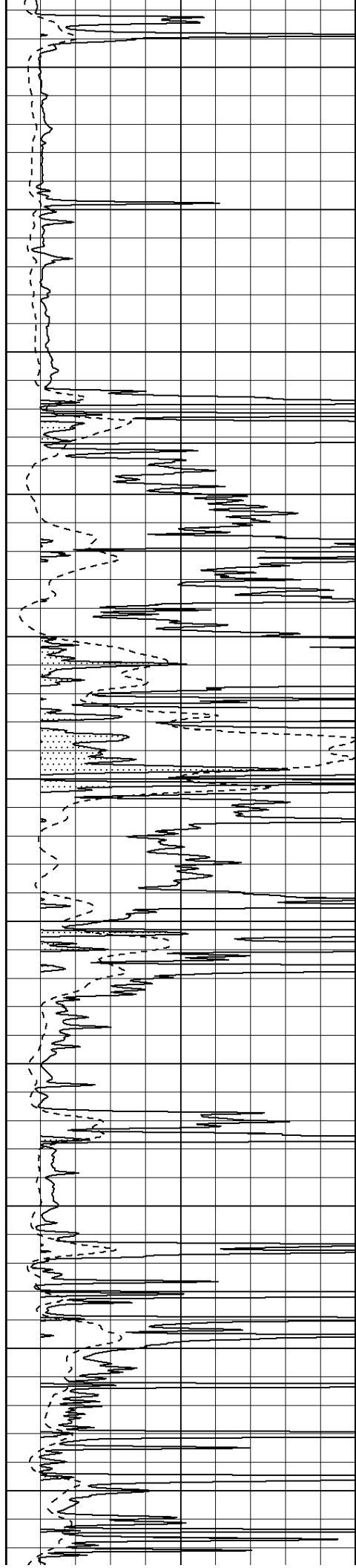
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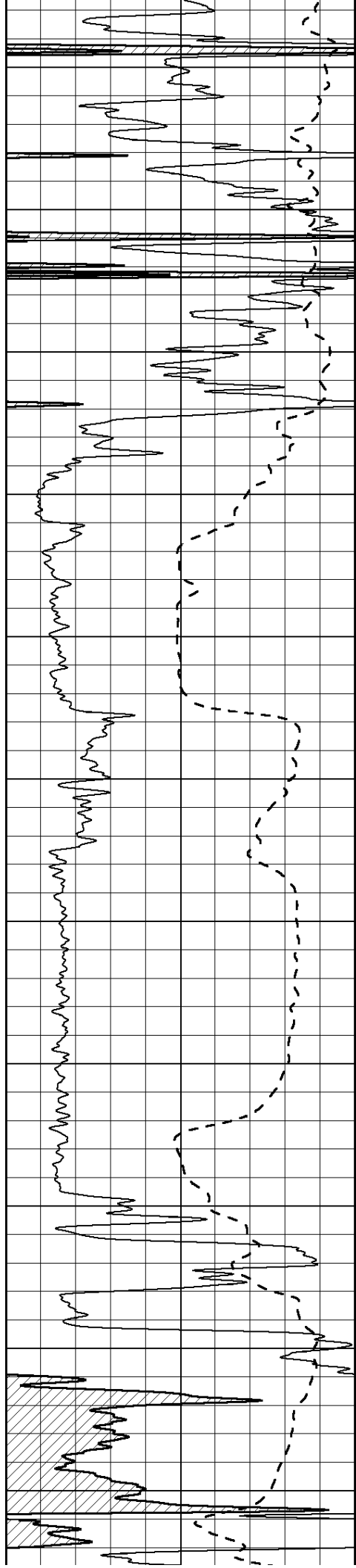
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3100

3150





3200

3250

3300

3350

3400

3450

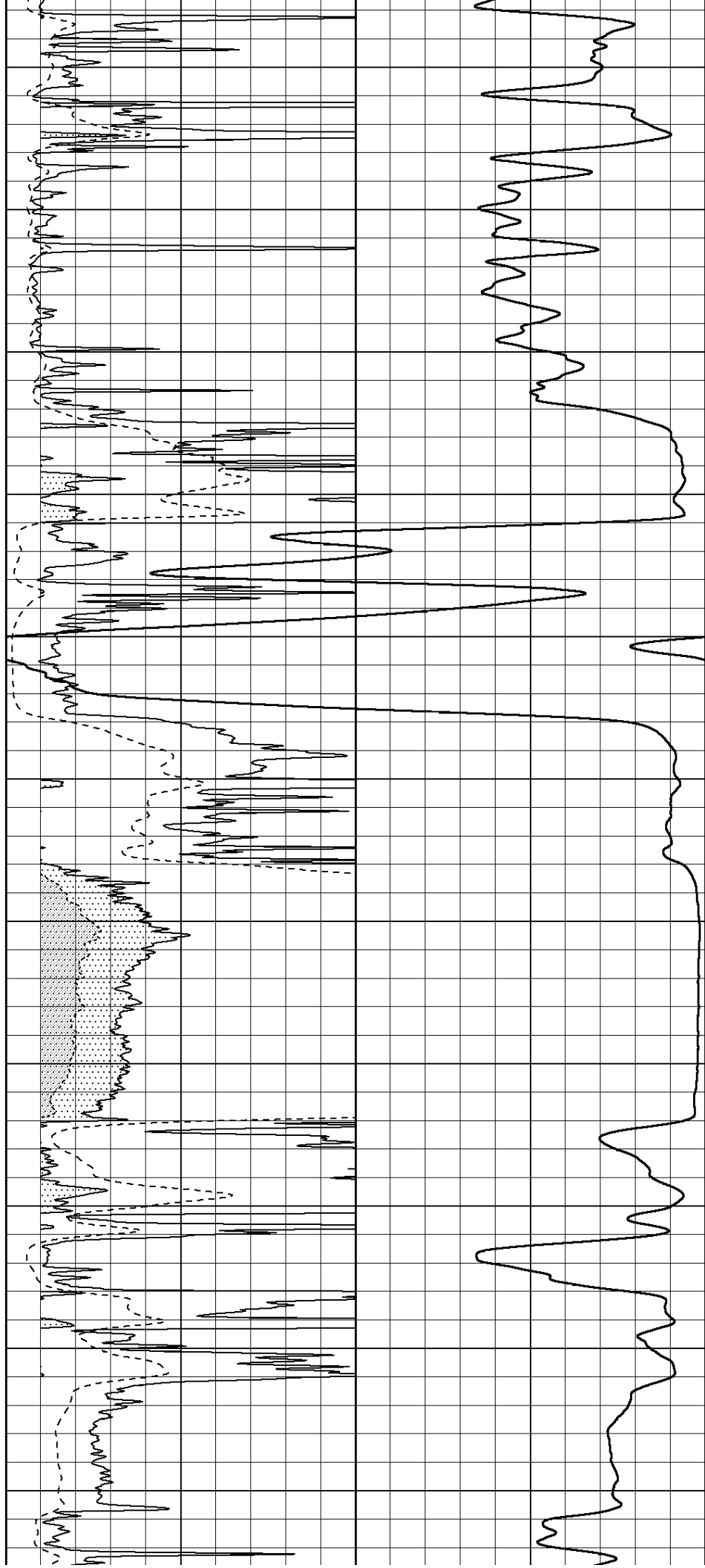
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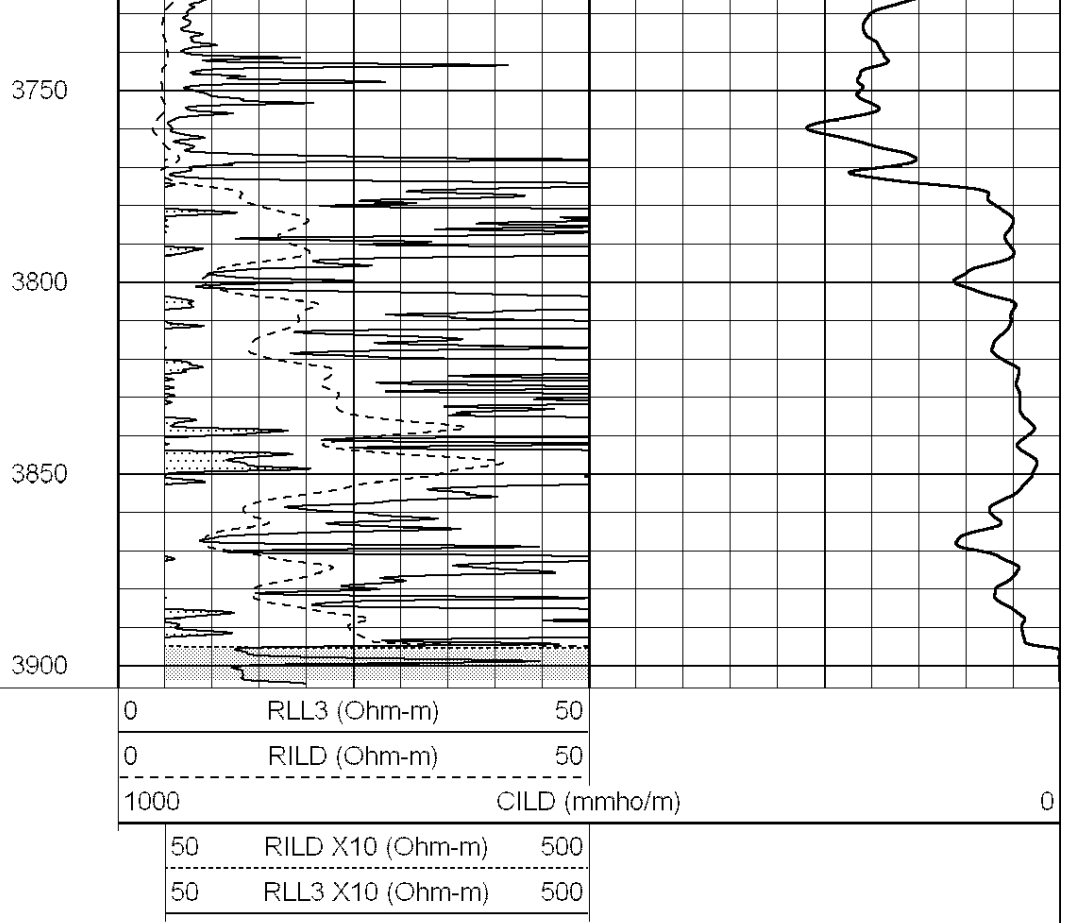
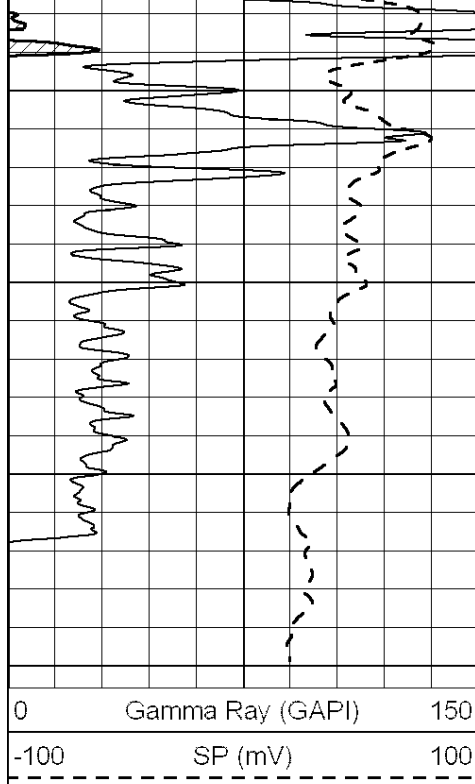
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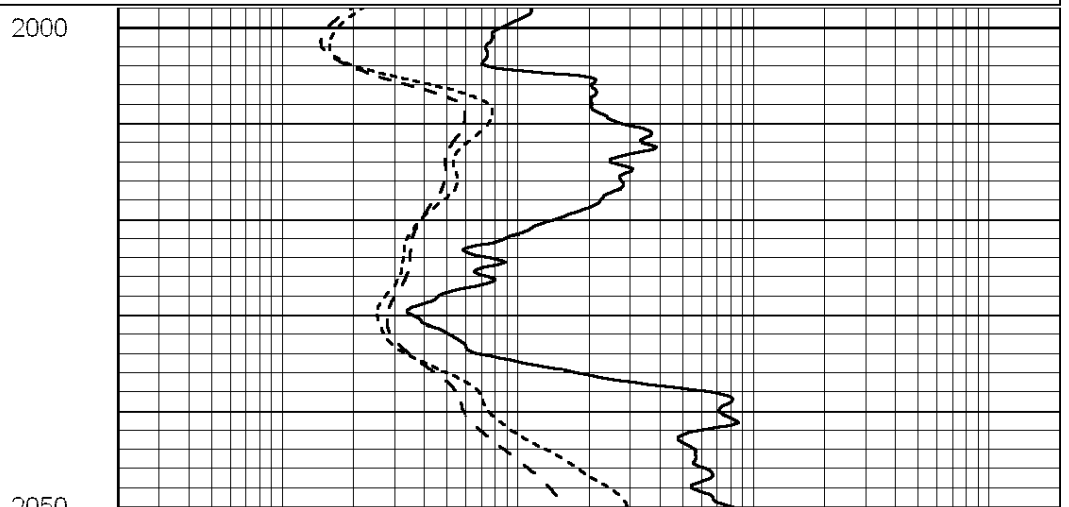
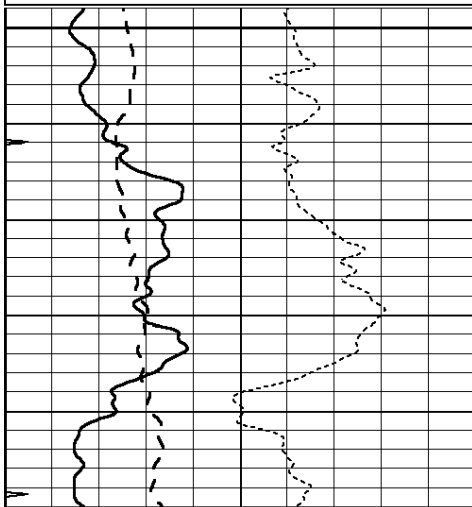
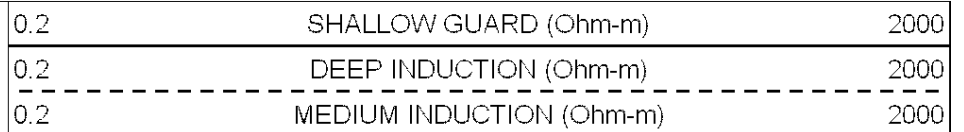
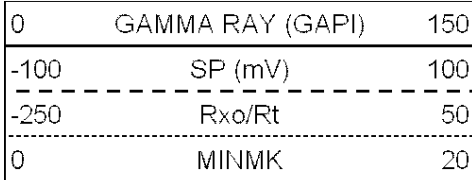


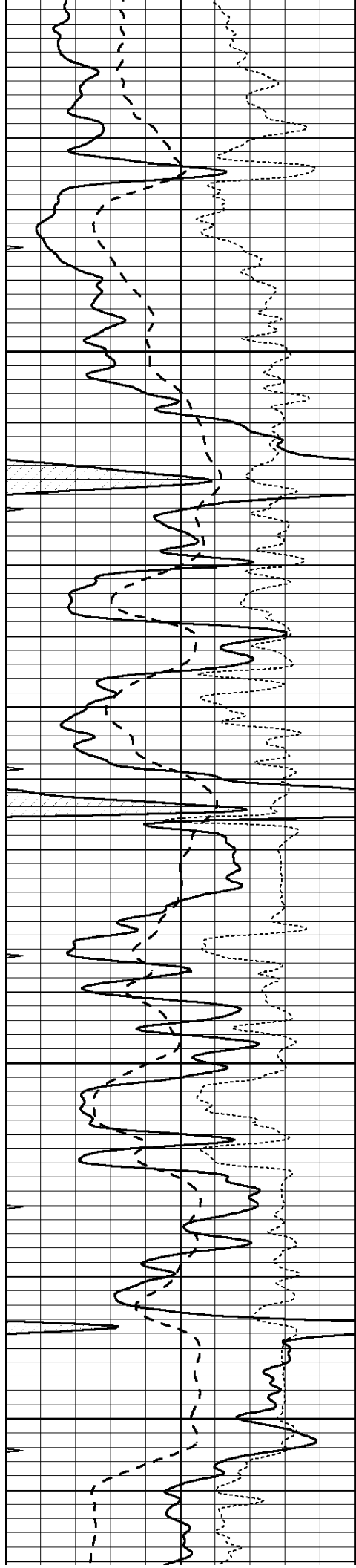


NABORS
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MAIN SECTION

Database File: 23821pe.db
Dataset Pathname: pass3.6
Presentation Format: _dil
Dataset Creation: Thu May 01 21:31:48 2014 by Calc SOC 120430
Charted by: Depth in Feet scaled 1:240





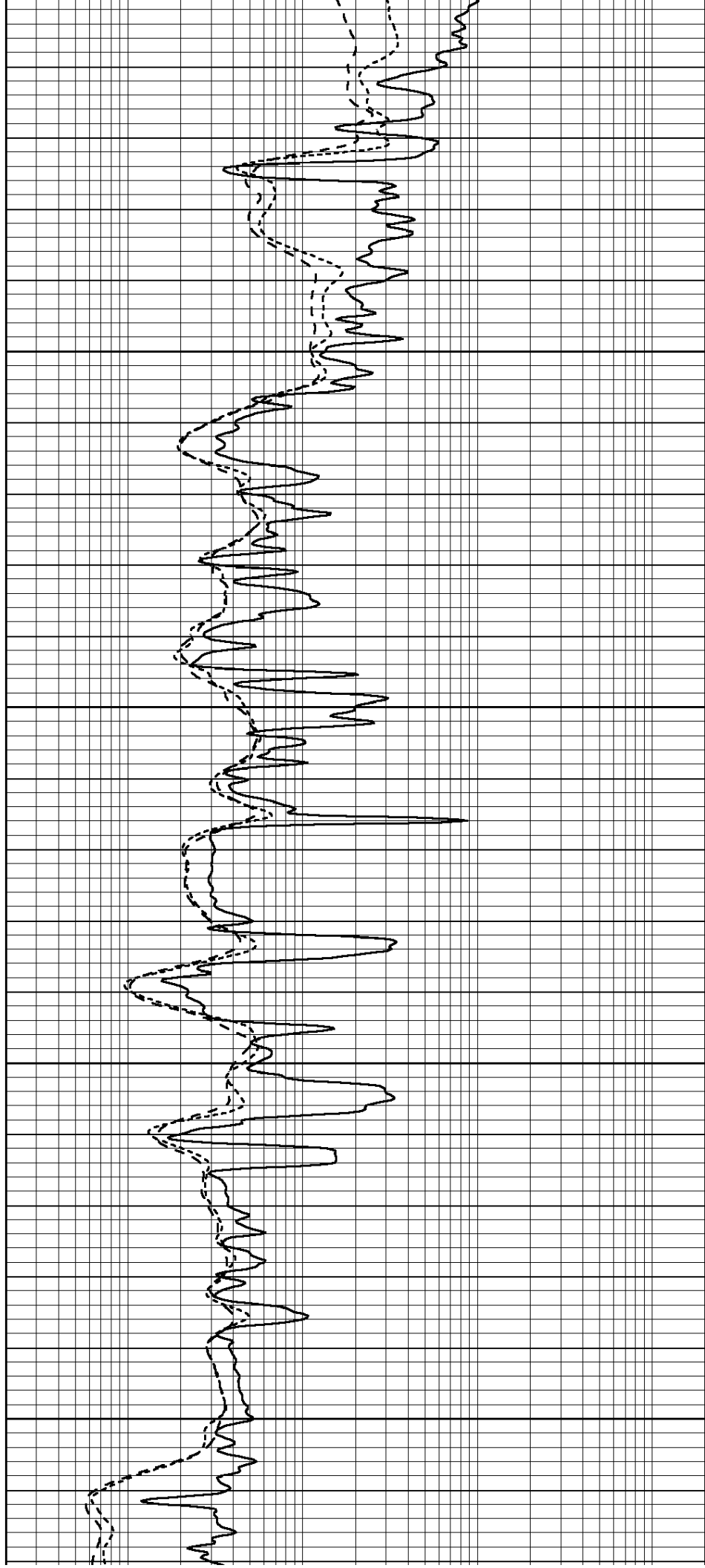
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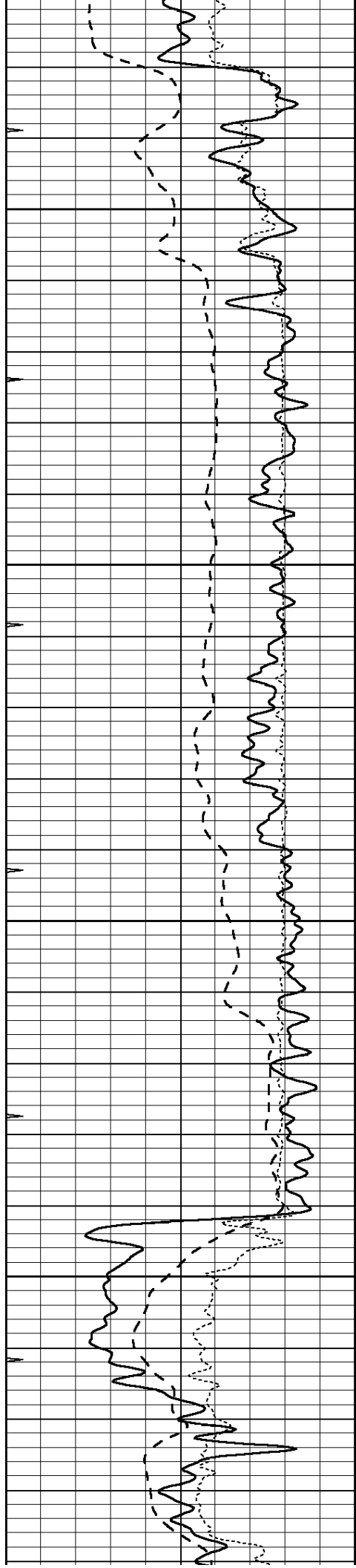
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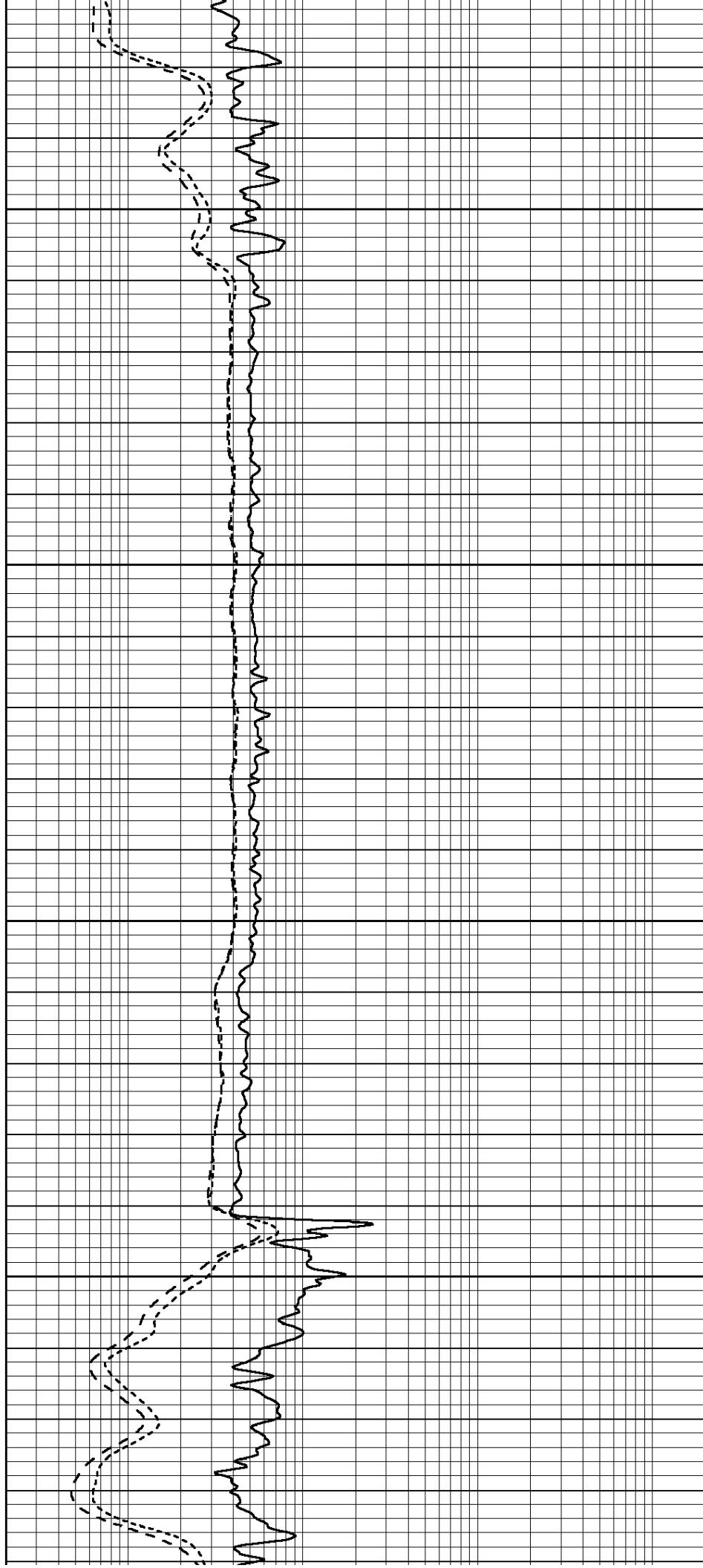


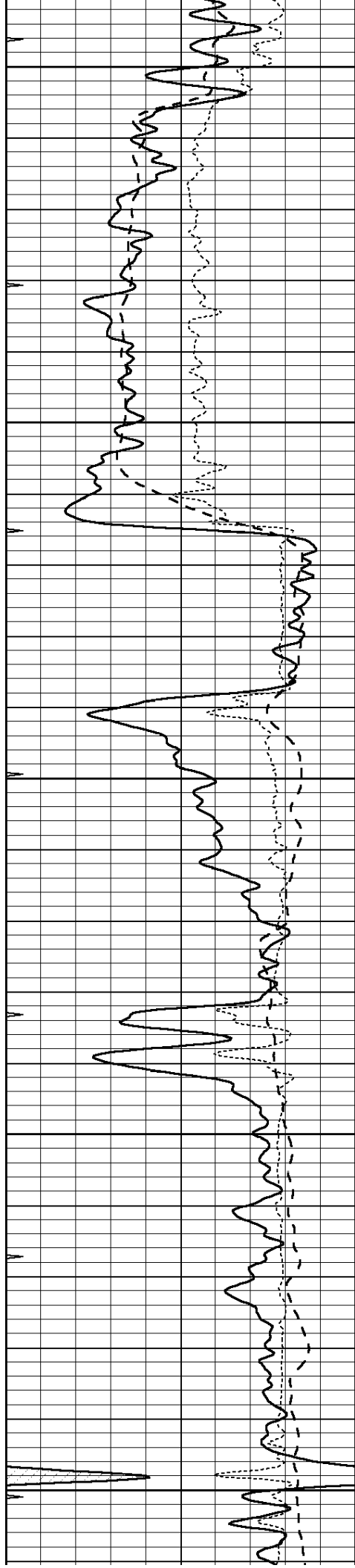
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2400

2450





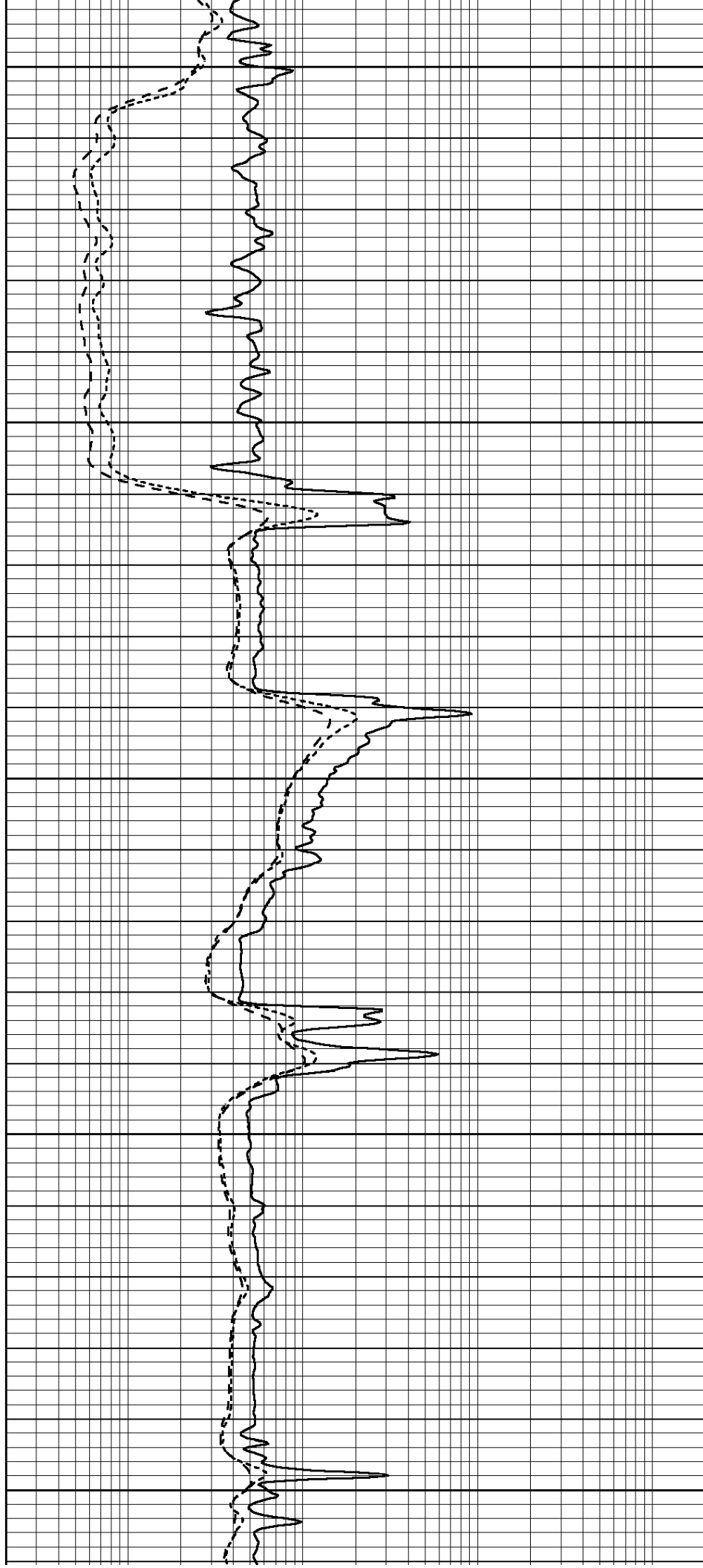
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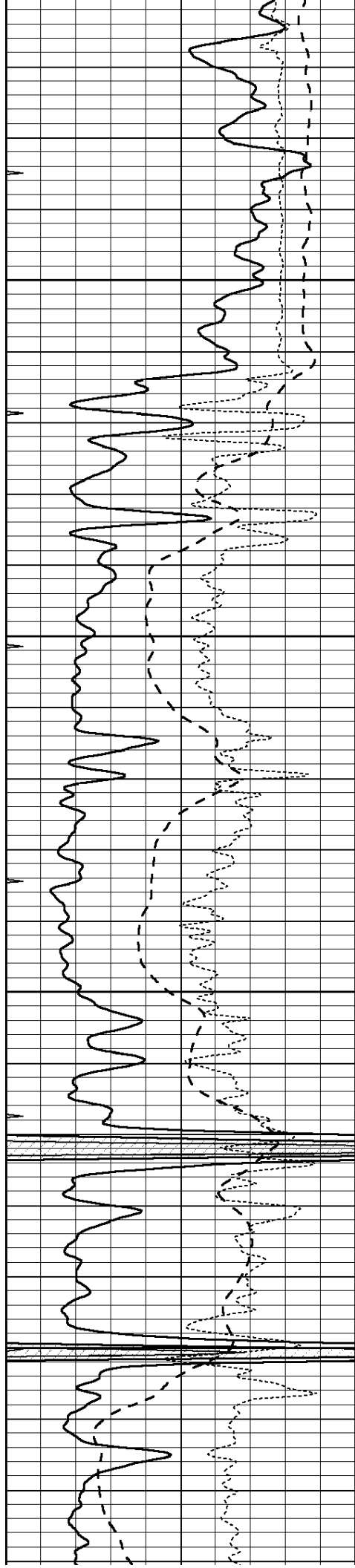
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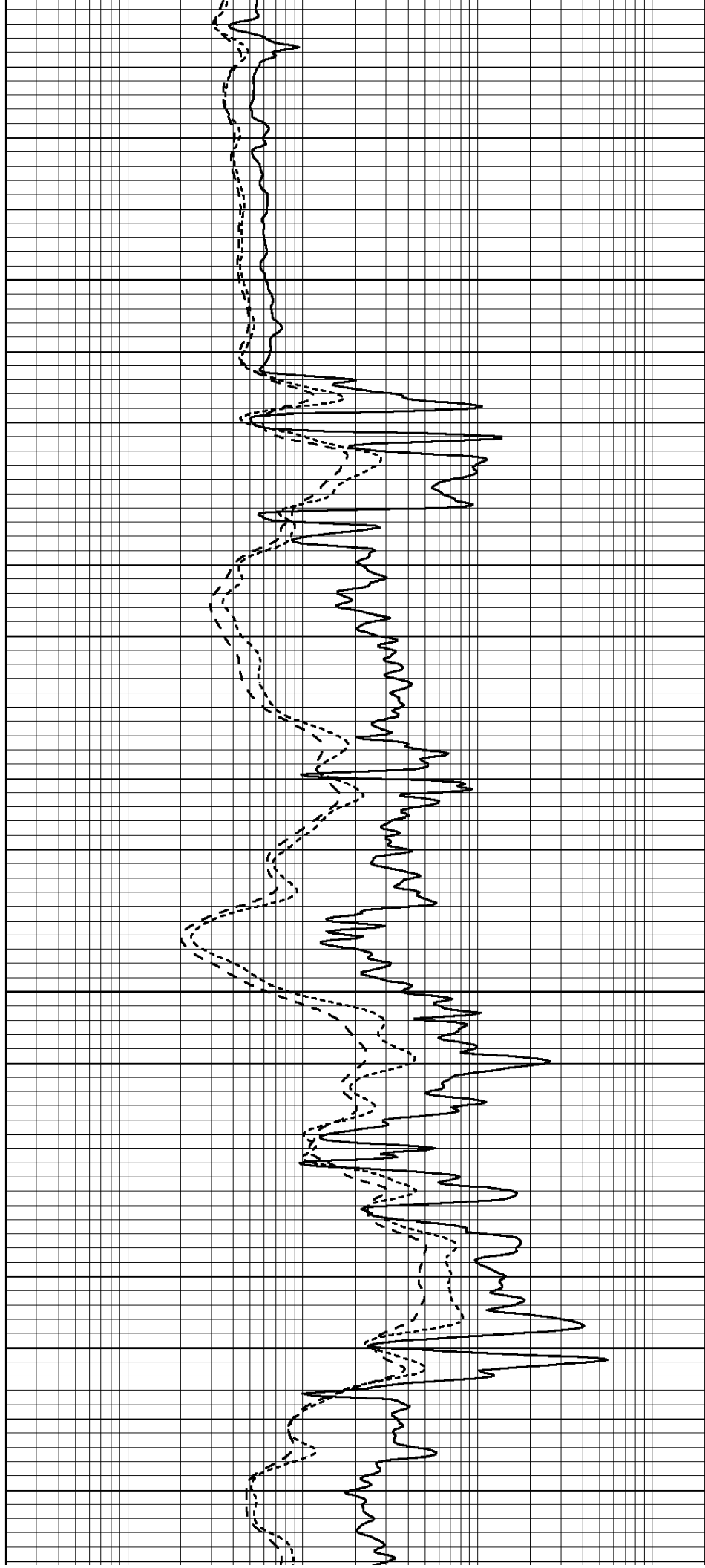


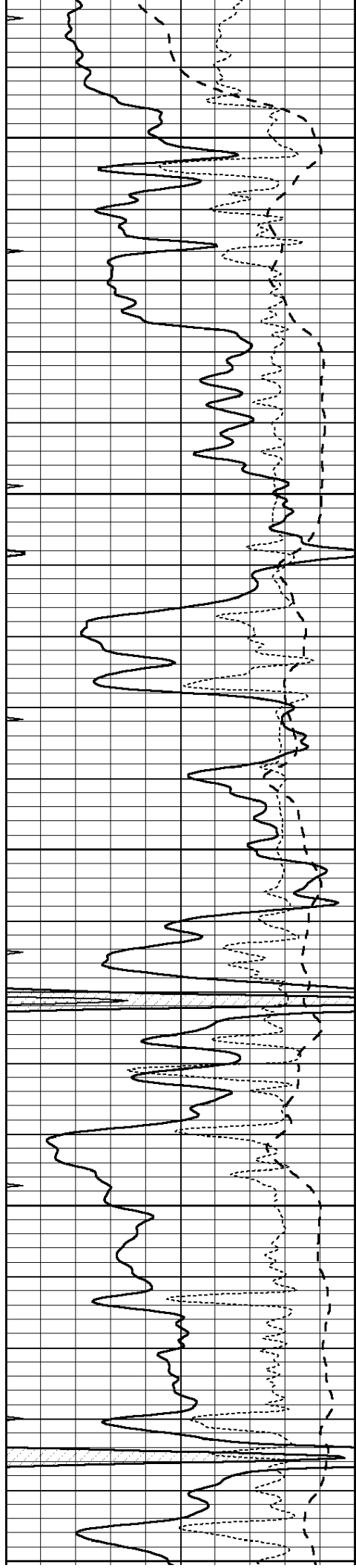
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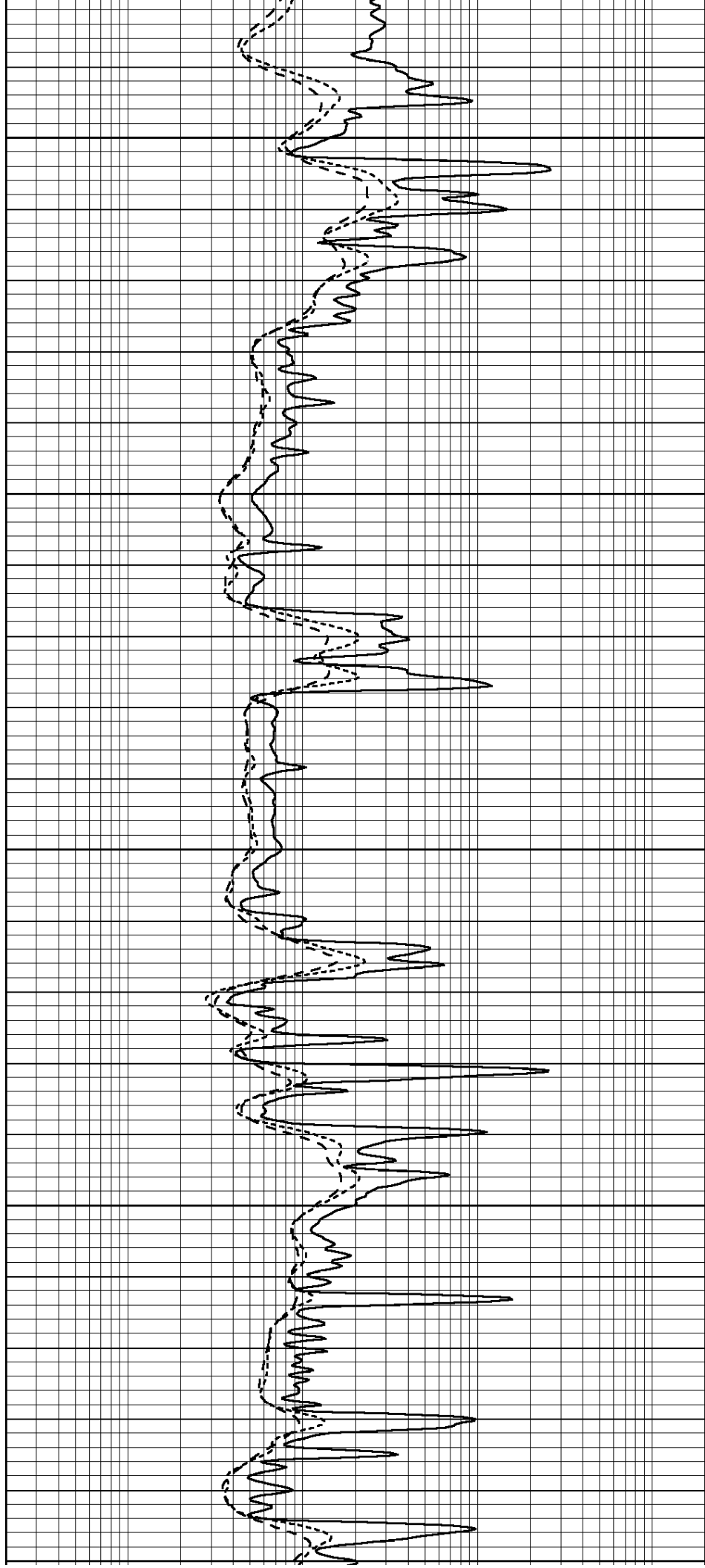
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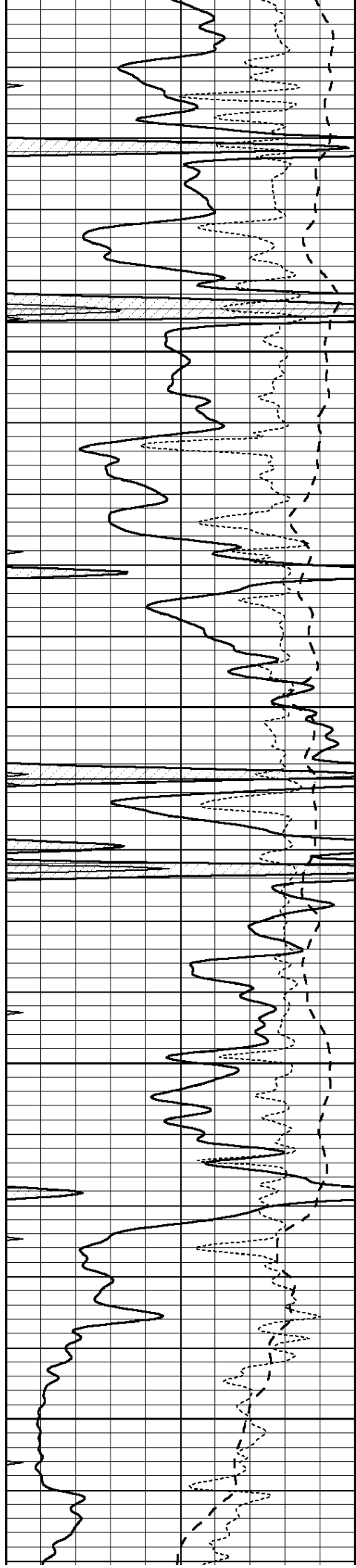
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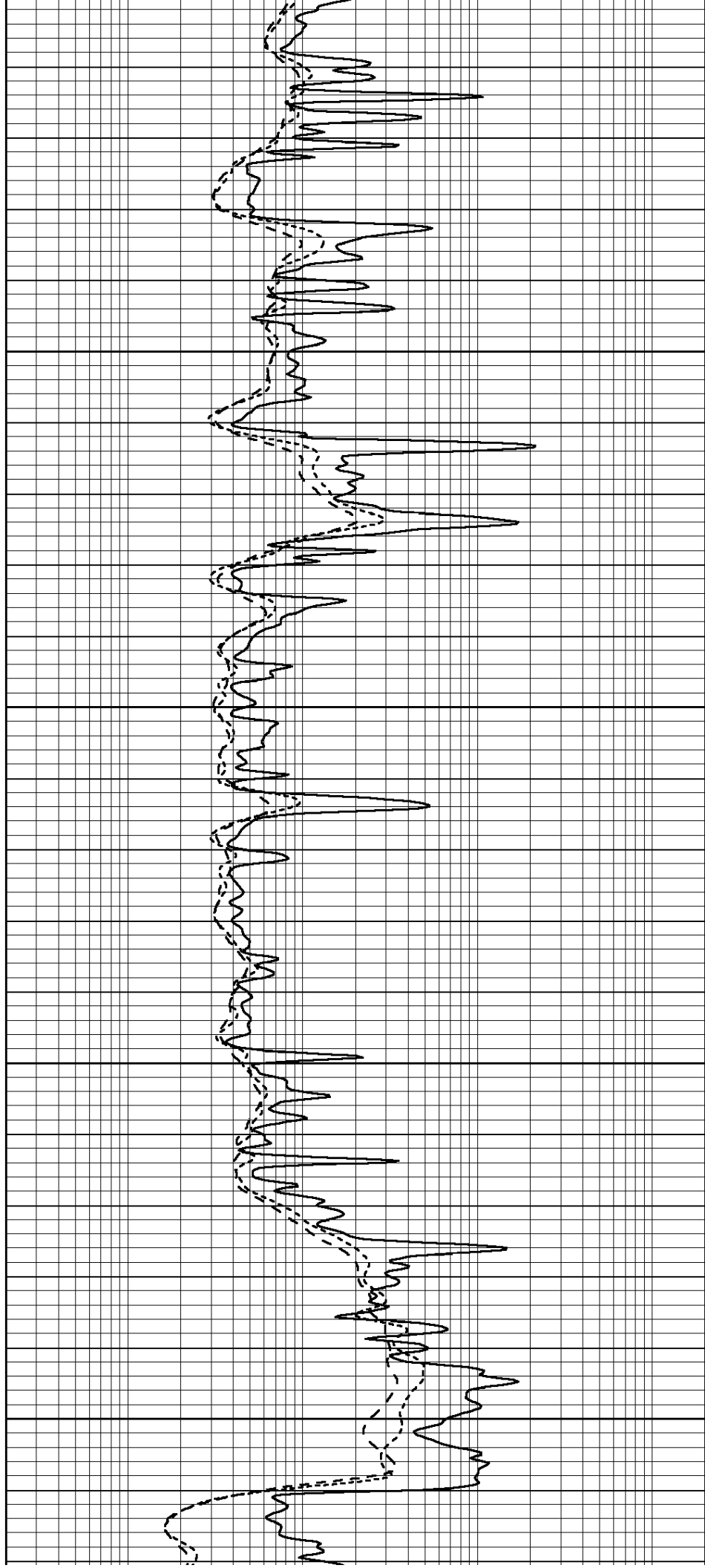
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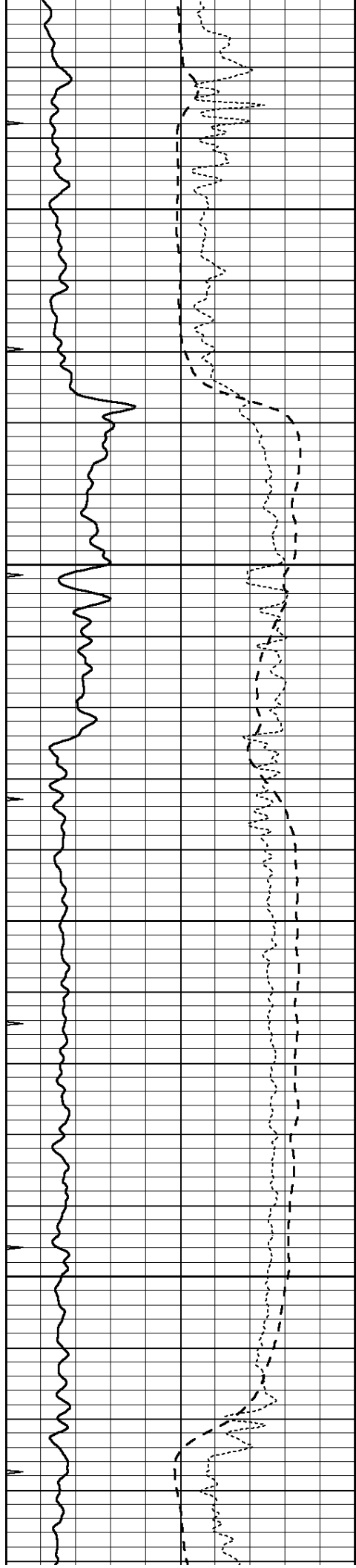
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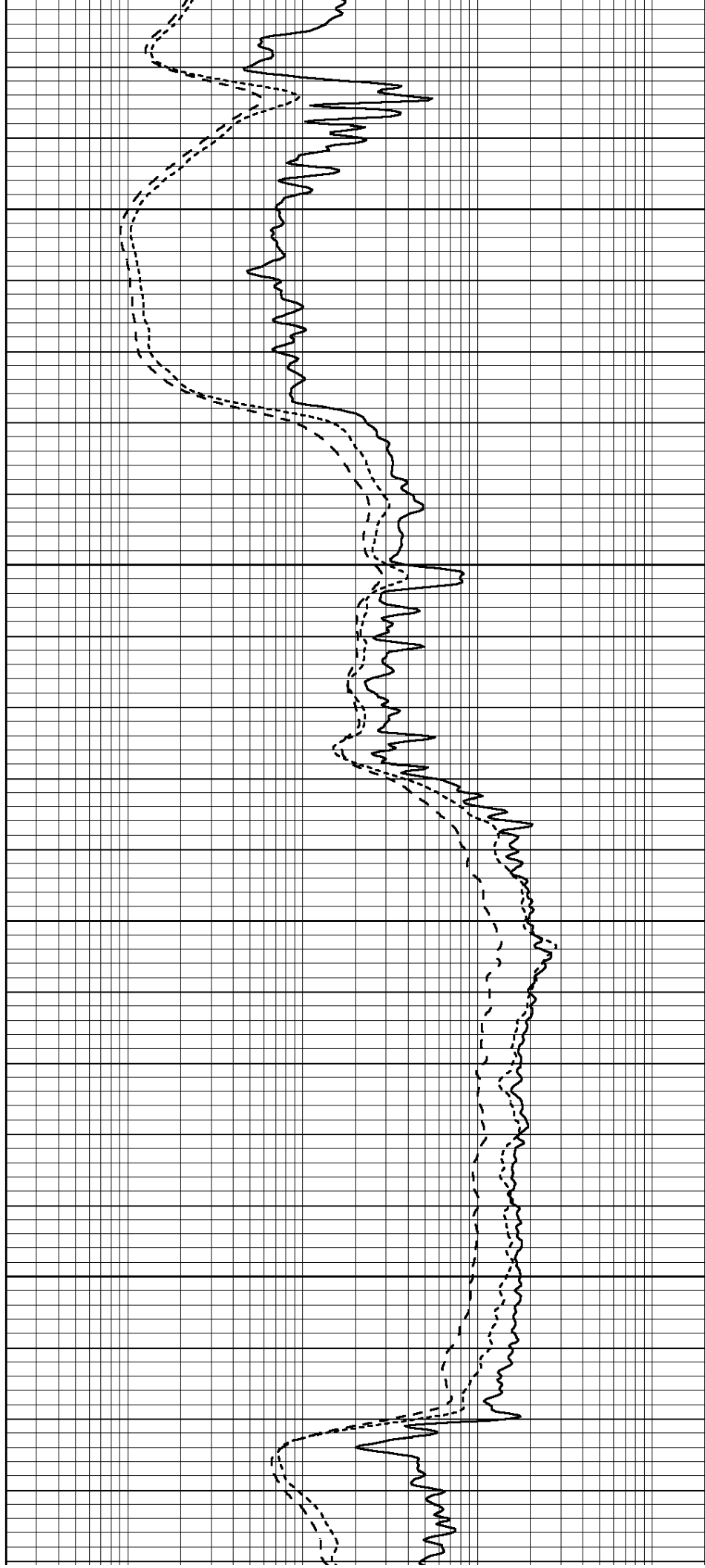


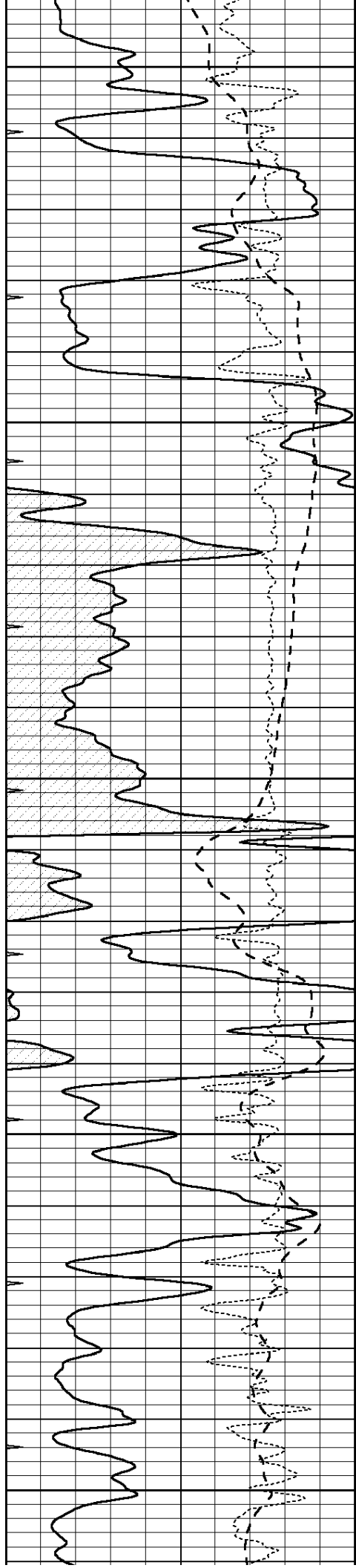
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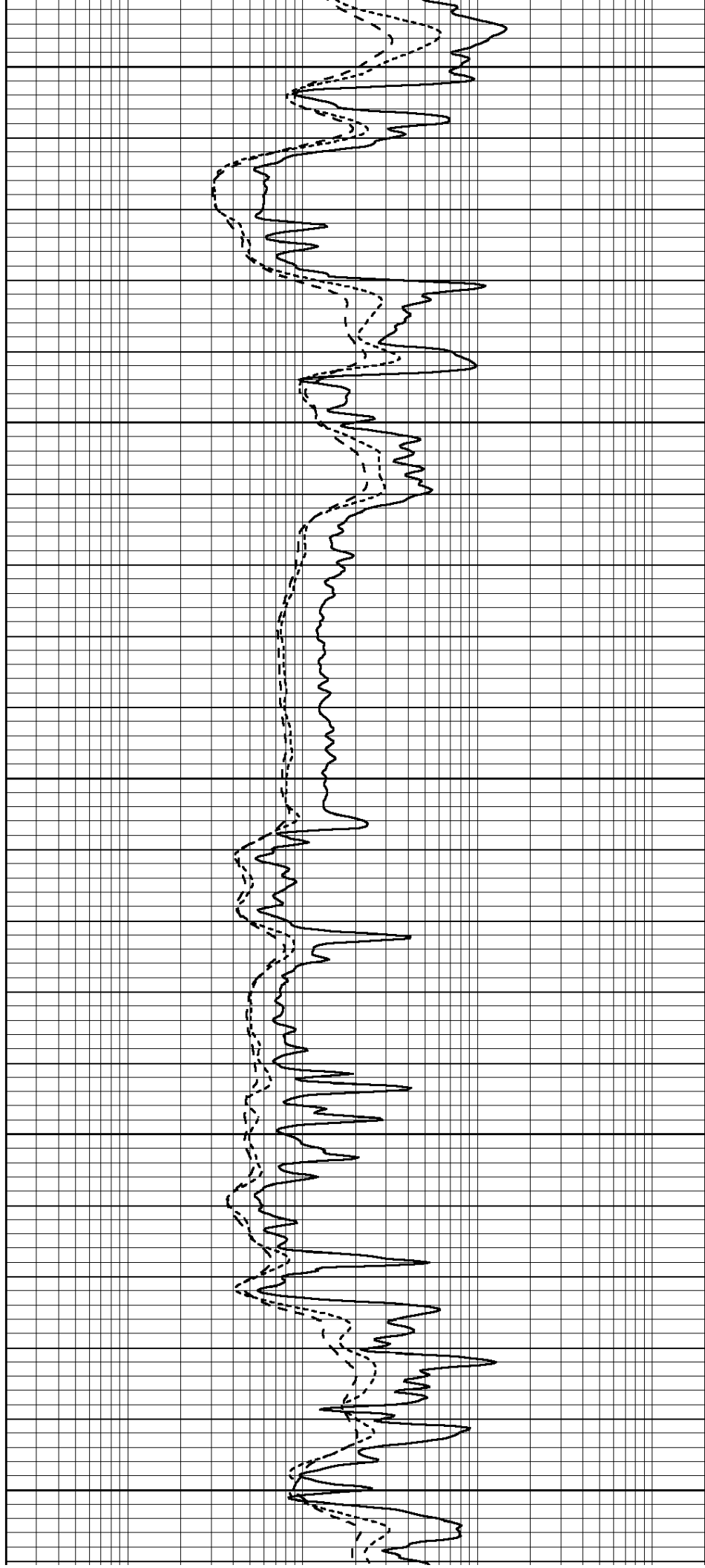
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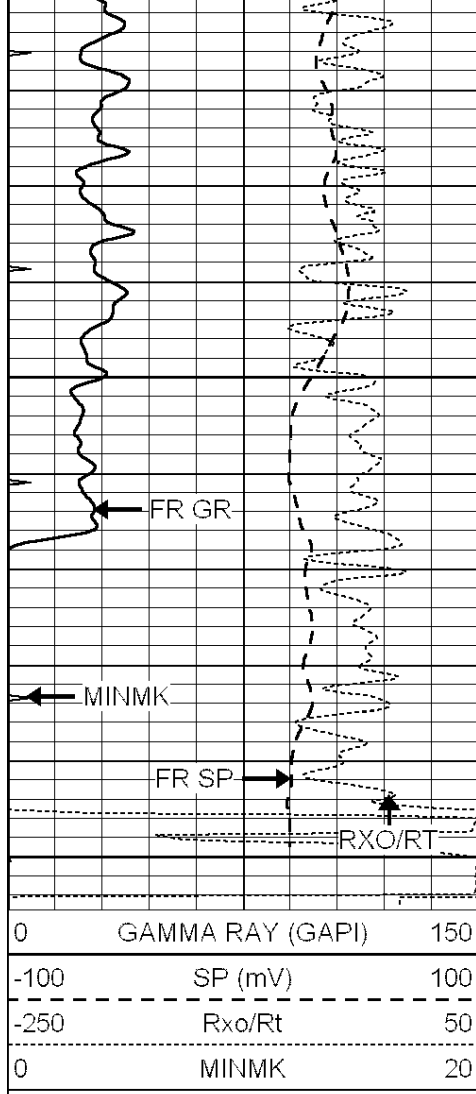
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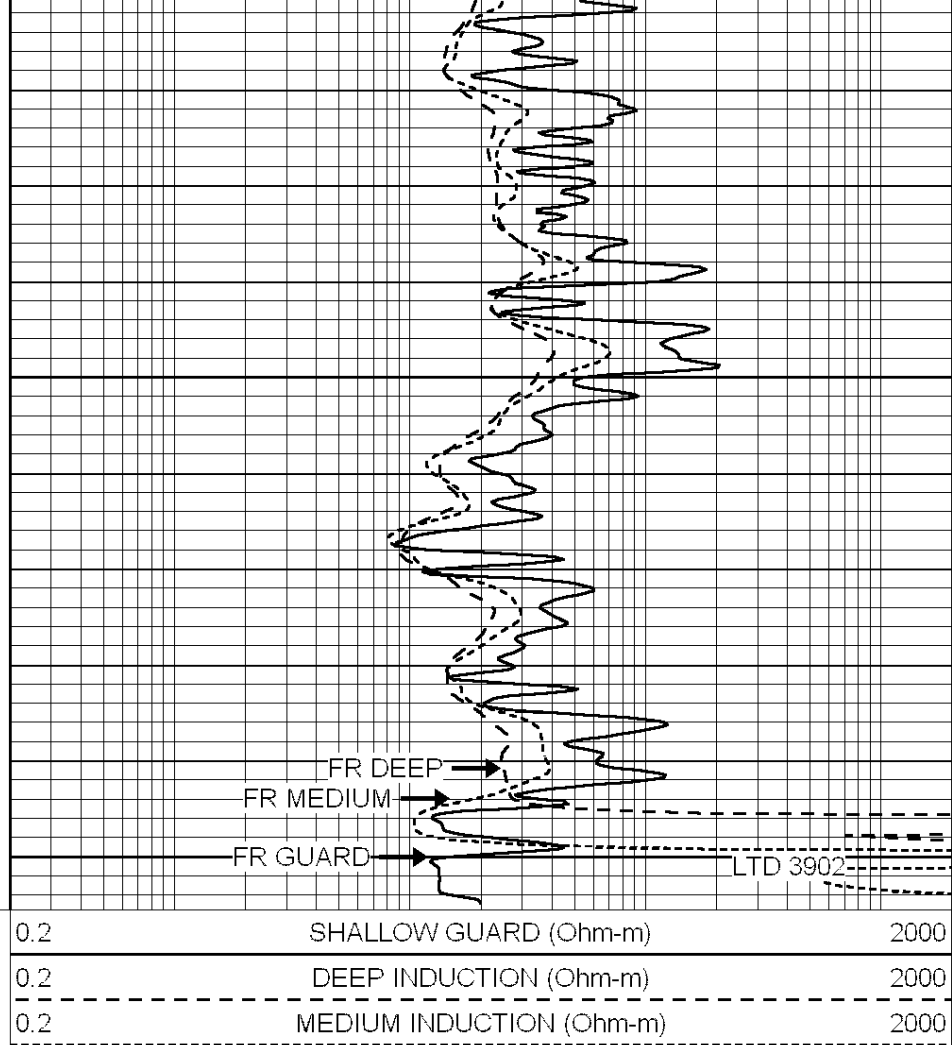
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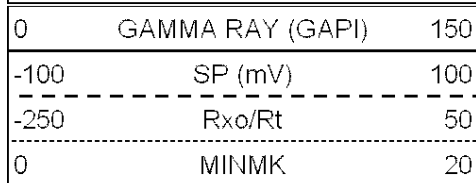
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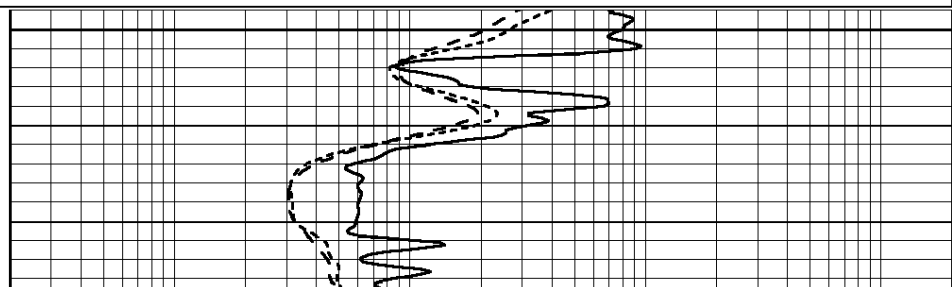
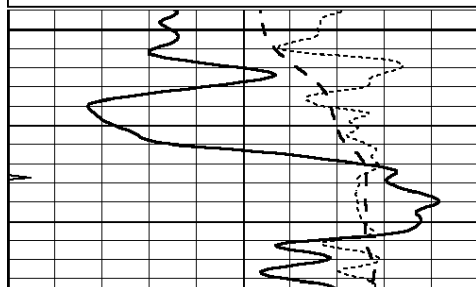
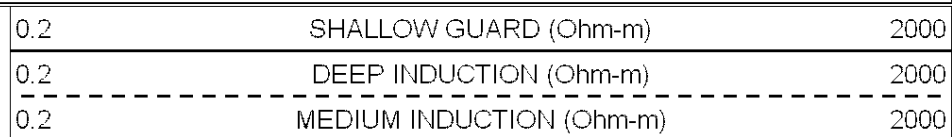


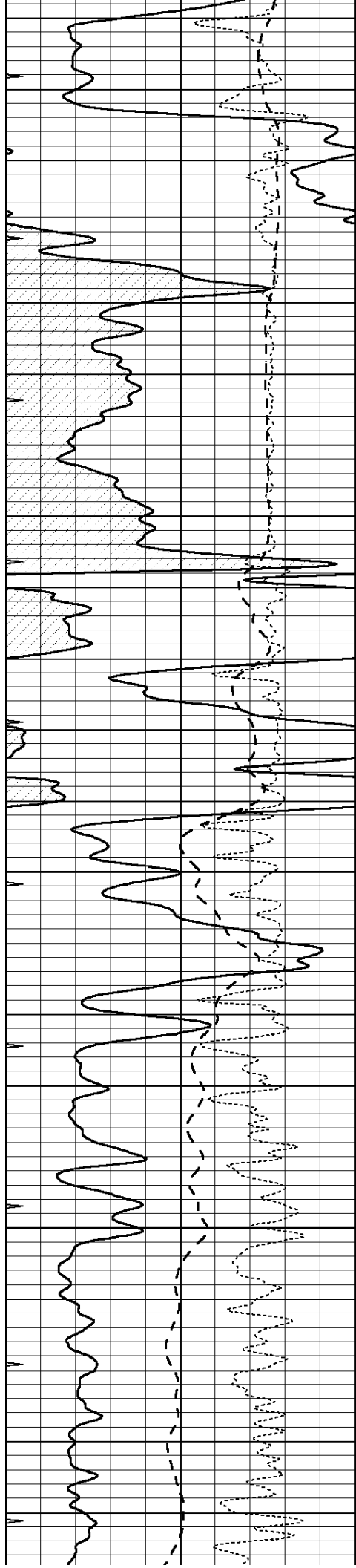
REPEAT SECTION

Database File: 23821pe.db
 Dataset Pathname: pass2.5
 Presentation Format: _dil
 Dataset Creation: Thu May 01 22:14:51 2014 by Calc SOC 120430
 Charted by: Depth in Feet scaled 1:240



3600



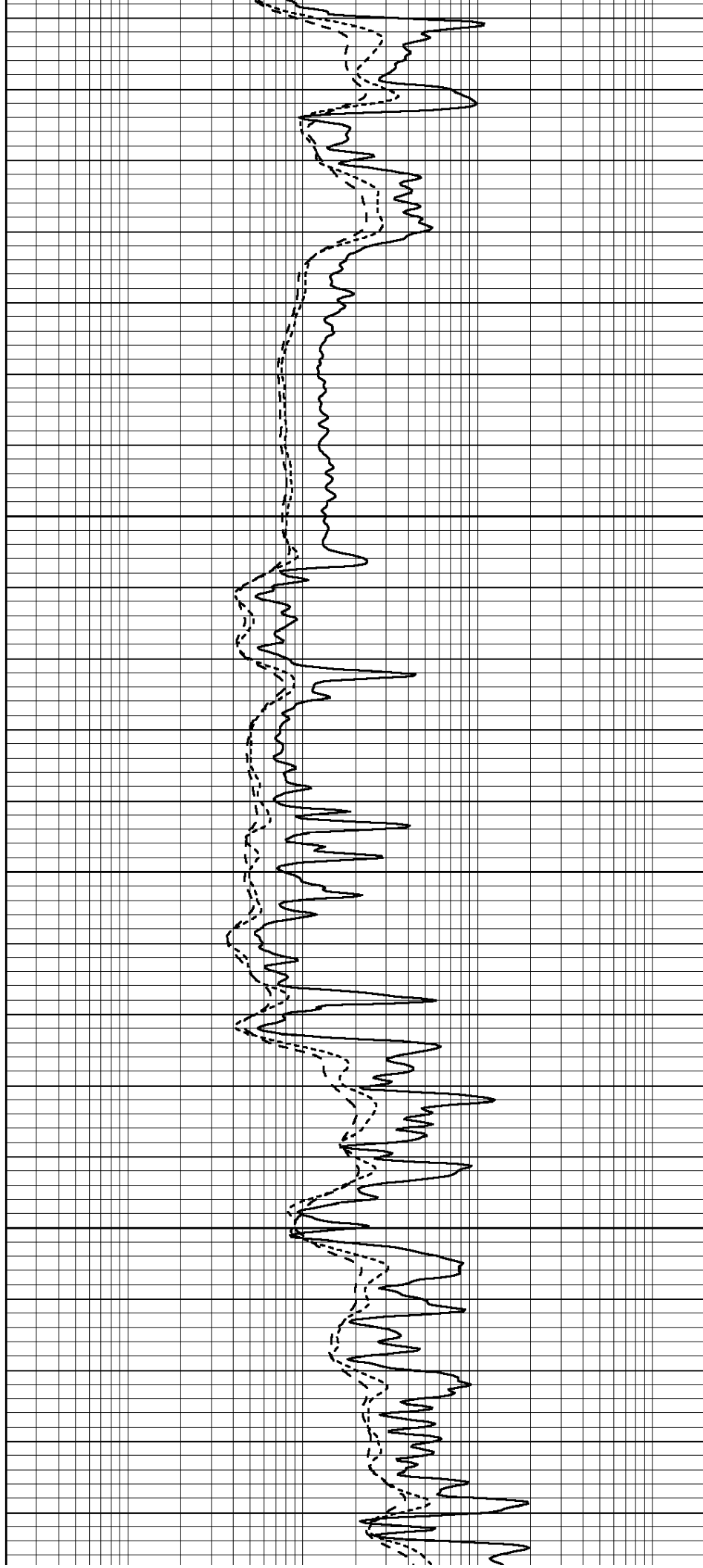


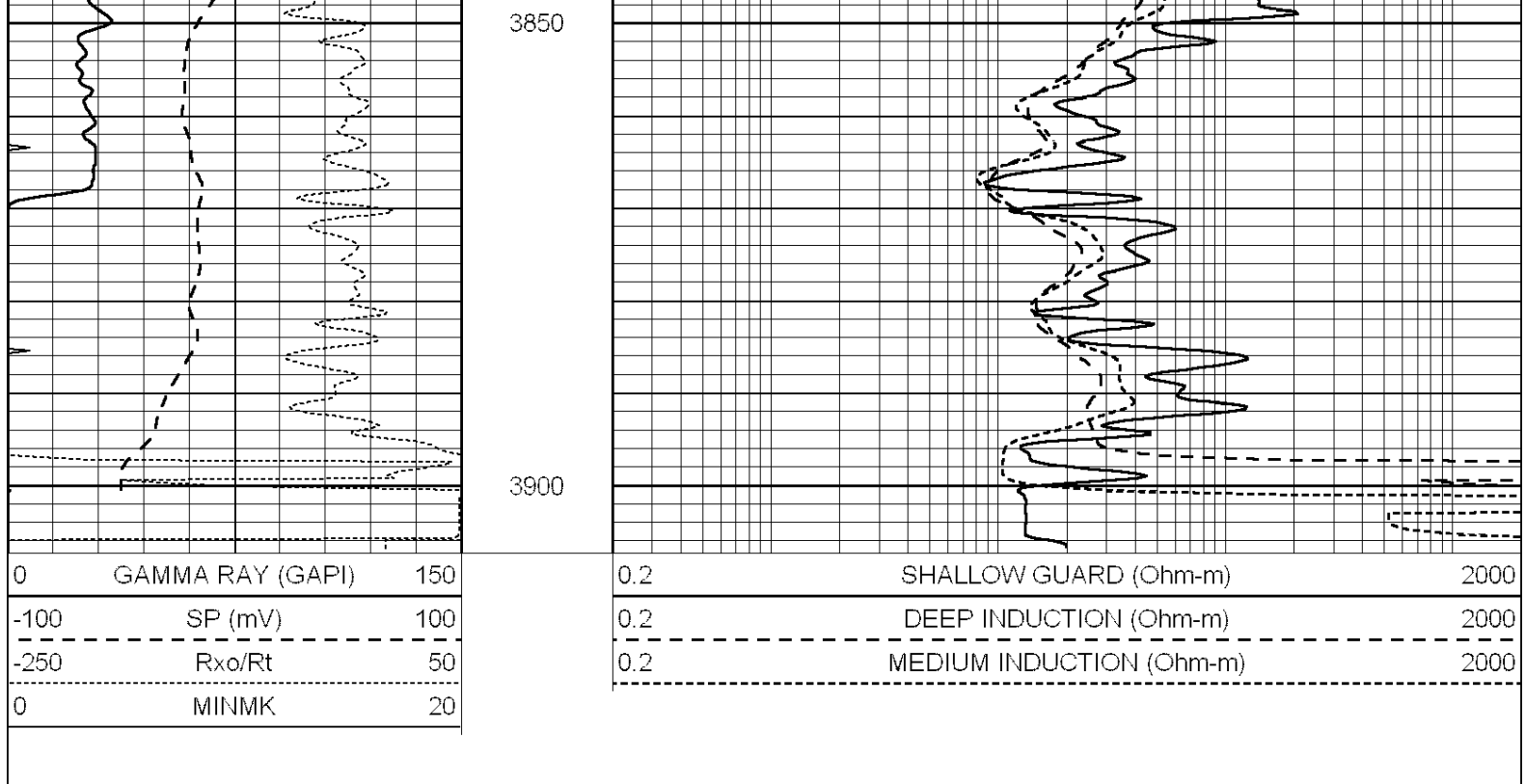
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3700

3750

3800





Calibration Report

Database File: 23821pe.db
Dataset Pathname: pass3.6
Dataset Creation: Thu May 01 21:31:48 2014 by Calc SOC 120430

Dual Induction Calibration Report

Serial-Model: PROBE9-DILG
Surface Cal Performed: Mon Apr 28 20:10:56 2014
Downhole Cal Performed: Mon Jul 28 12:02:56 2008
After Survey Verification Performed: Mon Jul 28 12:02:56 2008

Surface Calibration

Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	-0.014	0.629	V	0.000	400.000	mmho/m	660.000	-9.000
Medium	0.039	0.728	V	0.000	464.000	mmho/m	650.000	-14.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.011	0.610	V	0.000	400.000	mmho/m	667.135	-7.256
Medium	0.005	0.712	V	0.000	464.000	mmho/m	655.677	-3.102

Downhole Calibration

Readings				References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	14.508	388.384	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	166.367	504.400	mmho/m	1.000	0.000
LL3		7.500	V		1400.000	Ohm-m		
		0.000	V		20.000	Ohm-m		
		-7.200	V		4000.000	mmho-m		

After Survey Verification

Readings				Targets			Results	
	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		

Litho Density Calibration Report

Serial: 003N Model: PRB

Master Calibration			Performed Tue Sep 08 14:14:44 2009					
	Background		Magnesium		Aluminum		Sandstone	
Window 1	2042.6		12312.8		4225.8		13758.4	cps
Window 2	1855.8		10134.7		3624.2		11113.1	cps
Window 3	1639.4		6760.2		2716.3		7260.3	cps
Window 4	466.4		469.2		466.1		476.5	cps
Long Space	0.0		8278.9		1768.4		9257.4	cps
Short Space	2.2		2377.3		1544.1		2574.2	cps
Rho			1.7100		2.5900		1.3800	g/cc
Pe			0.0000		2.5700		1.5500	
Rib Angle	: 44.4		Rib Slope	: 0.979	Density/Spine Ratio		: 0.549	
Spine Angle	: 74.4		Spine Slope	: 3.577	Spine Intercept		: -18.8	

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:	070808
Tool Model:	Probe

PRE-SURVEY VERIFICATION			
Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu

POST-SURVEY VERIFICATION

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:	Mon Mar 24 01:53:40 2014		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	1.0	cps	
Sensitivity:	0.2800	GAPI/cps	