



**COMPLETION
& PRODUCTION
SERVICES CO.**

**DUAL
INDUCTION
LOG**

Company	TRANS PACIFIC OIL CORPORATION		
Well	BUTLER-BEALOR UNIT A #1-6		
Field	WILDCAT		
County	EDWARDS	State	KANSAS
Location:	API # : 15-047-21622-00-00		Other Services
660' FNL & 1320' FEL E2 - N2 - NE		CNL/CDL	
SEC 6	TWP 25S	RGE 20W	Elevation
Permanent Datum	GROUND LEVEL	Elevation	K.B. 2262
Log Measured From	KELLY BUSHING 12' A.G.L.		D.F. 2260
Drilling Measured From	KELLY BUSHING		G.L. 2250
Date	9-25-13		
Run Number	ONE		
Depth Driller	4800		
Depth Logger	4796		
Bottom Logged Interval	00		
Top Log Interval	3800 / 2800-2400		
Casing Driller	8 5/8 " @ 311'		
Casing Logger	308		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 16,000	
Density / Viscosity	8.9 / 71		
pH / Fluid Loss	10.5 / 15.6		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.24 @ 90F		
Rmf @ Meas. Temp	0.18 @ 90F		
Rmc @ Meas. Temp	0.29 @ 90F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	0.18 @ 123F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	123F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	IAN MABB		
Witnessed By	BRAD RINE		

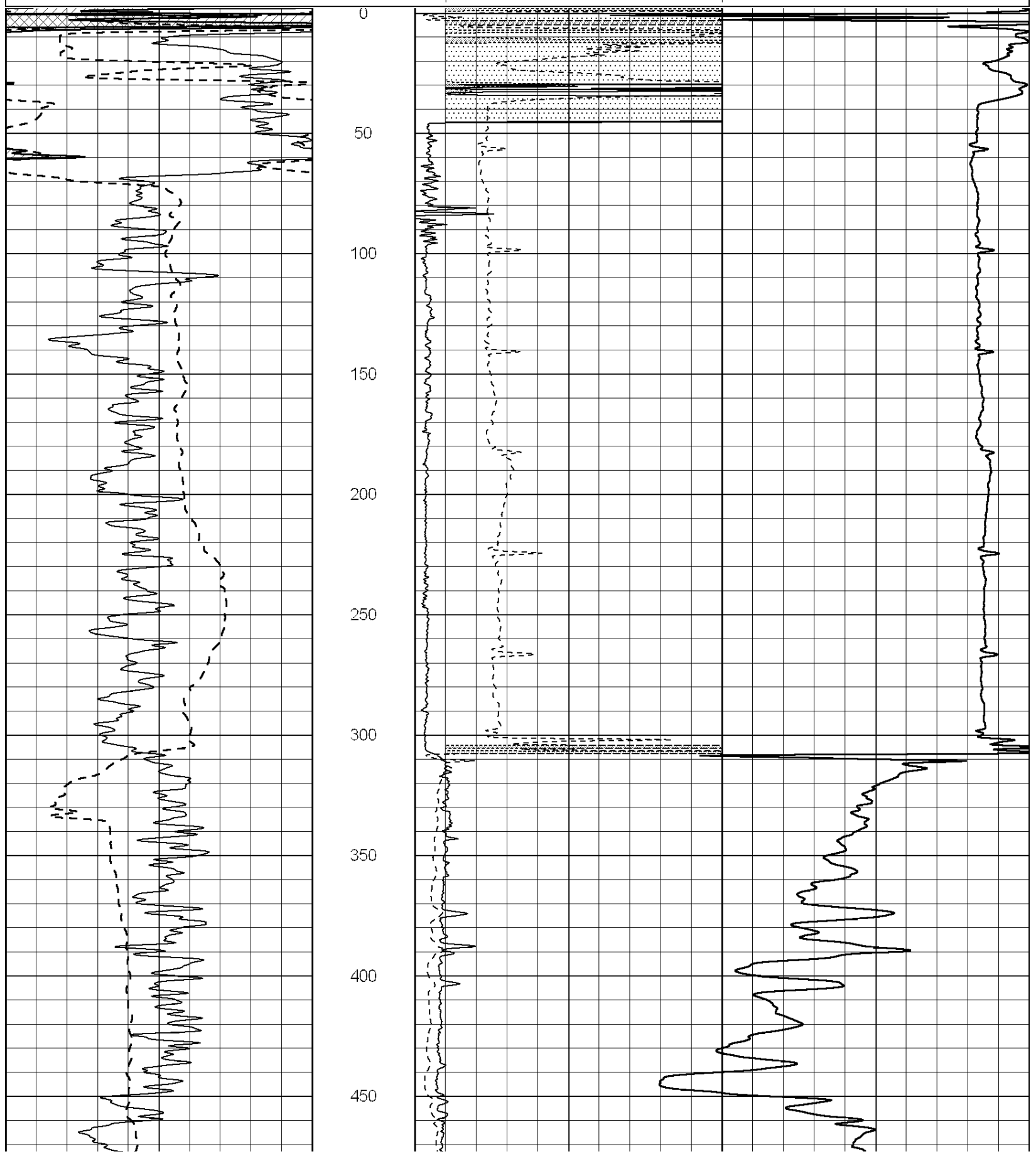
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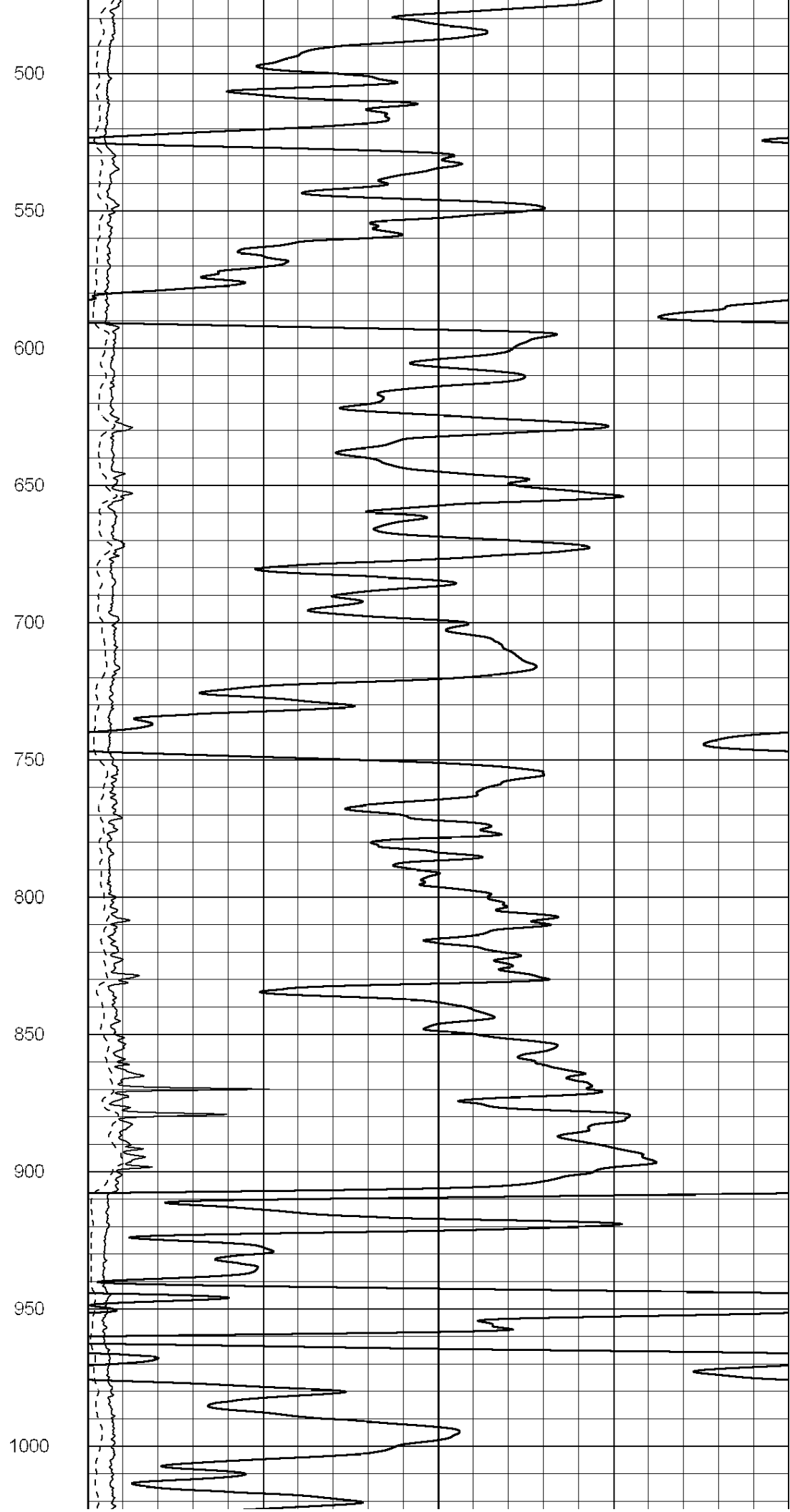
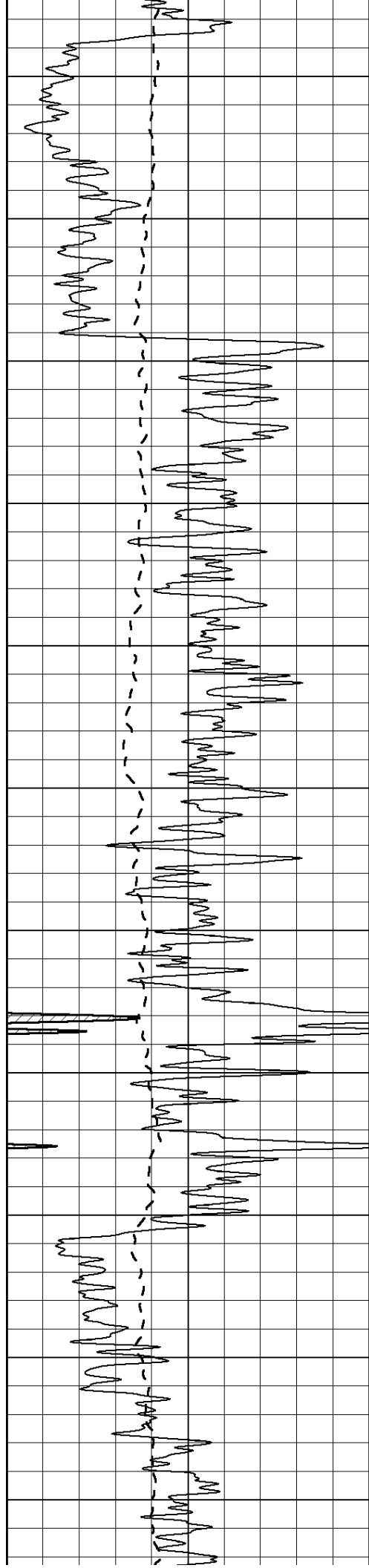
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

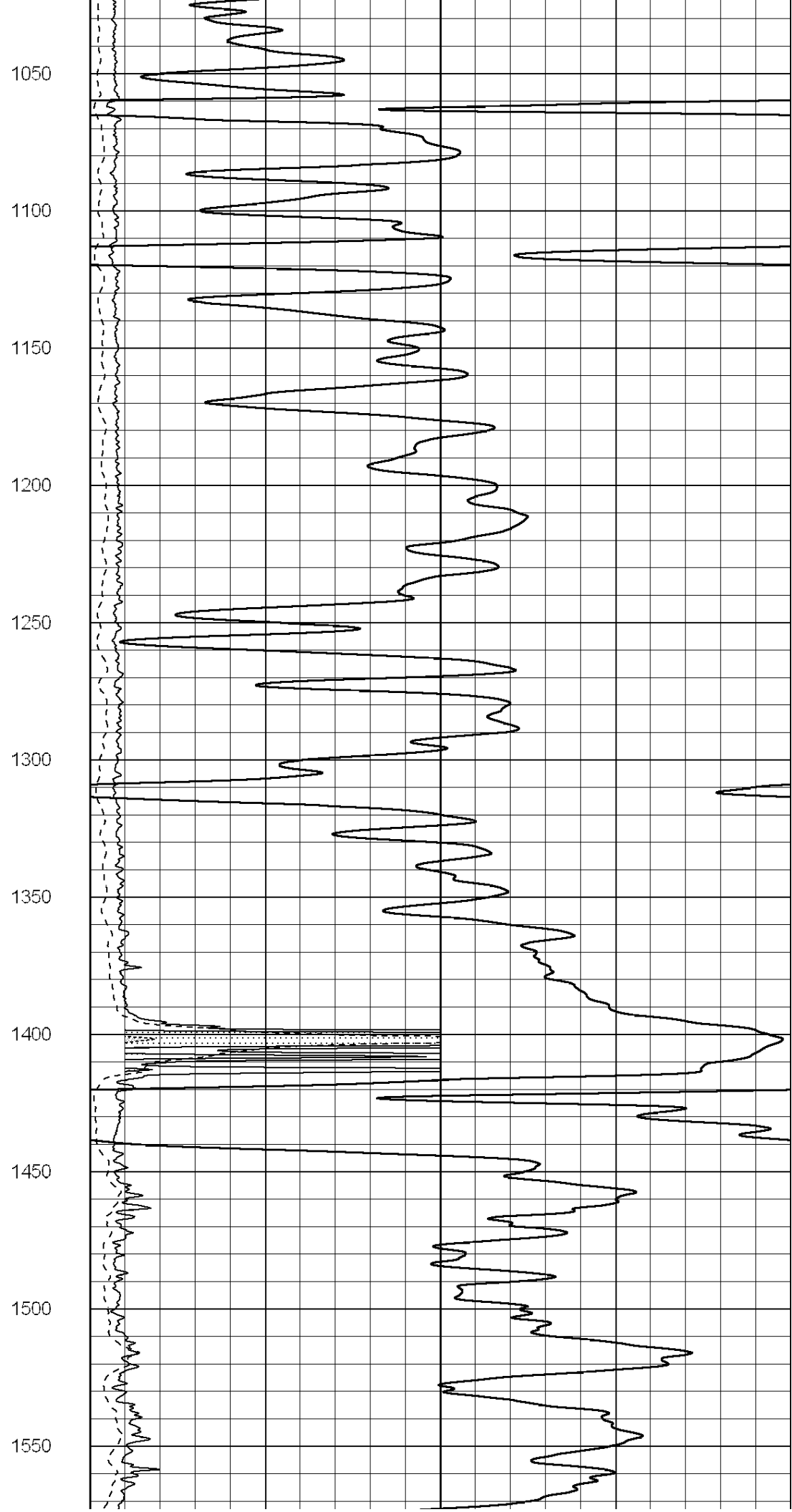
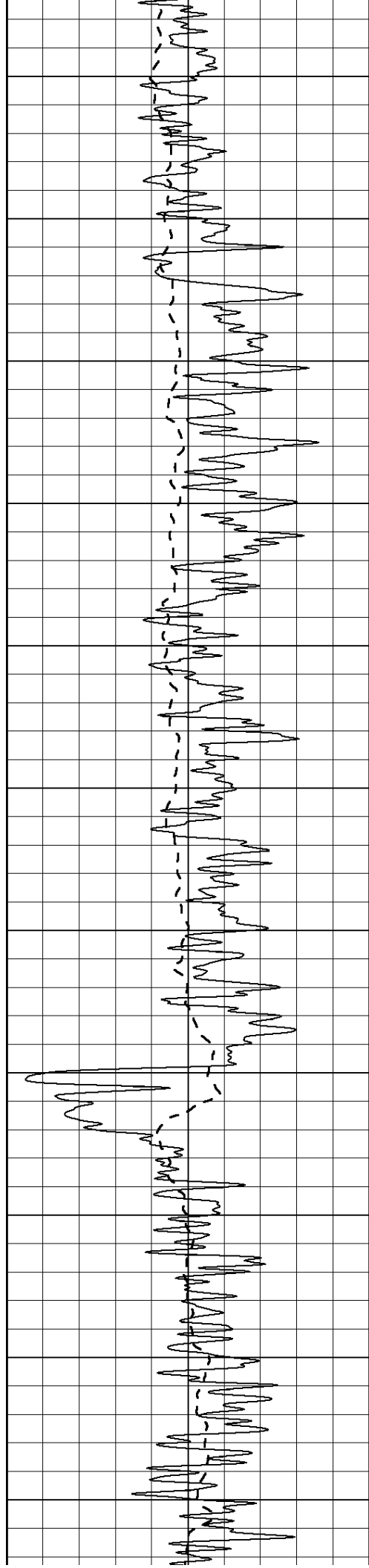
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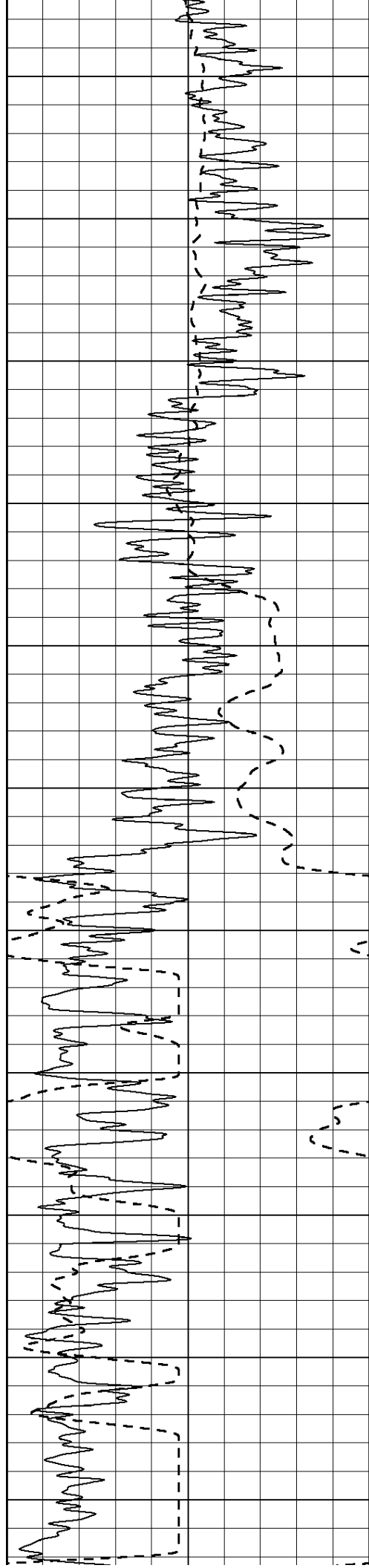
NABORS COMPLETION & PRODUCTION SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: OFFERLE, KS. - 1/2 MILE EAST - NORTH 1 MILE - WEST INTO

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	

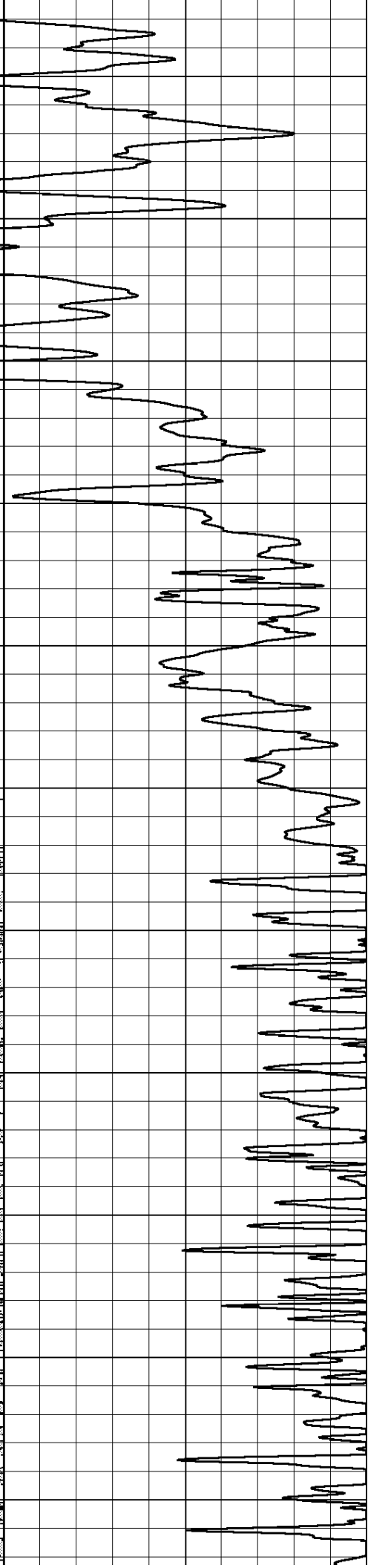
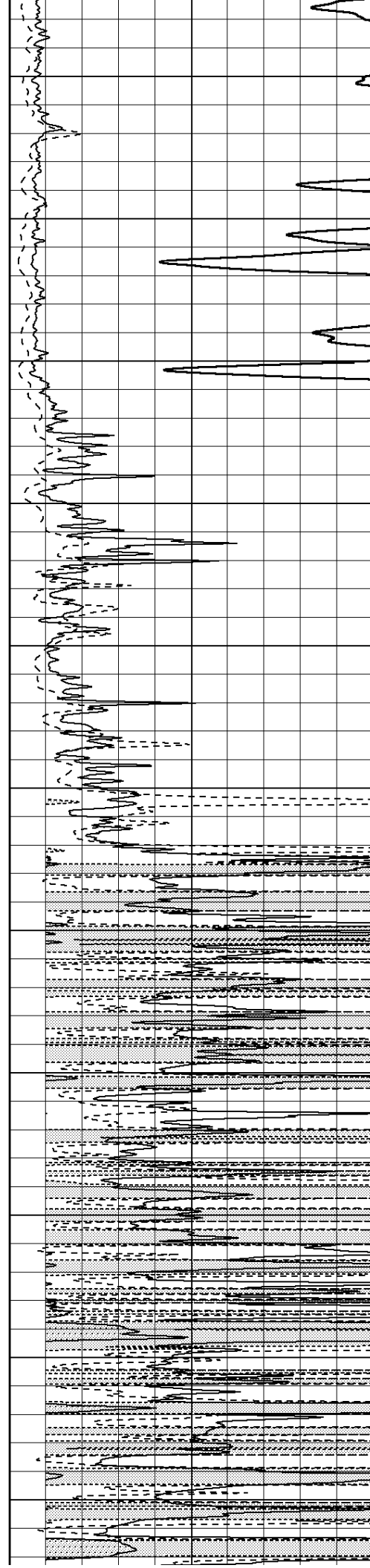


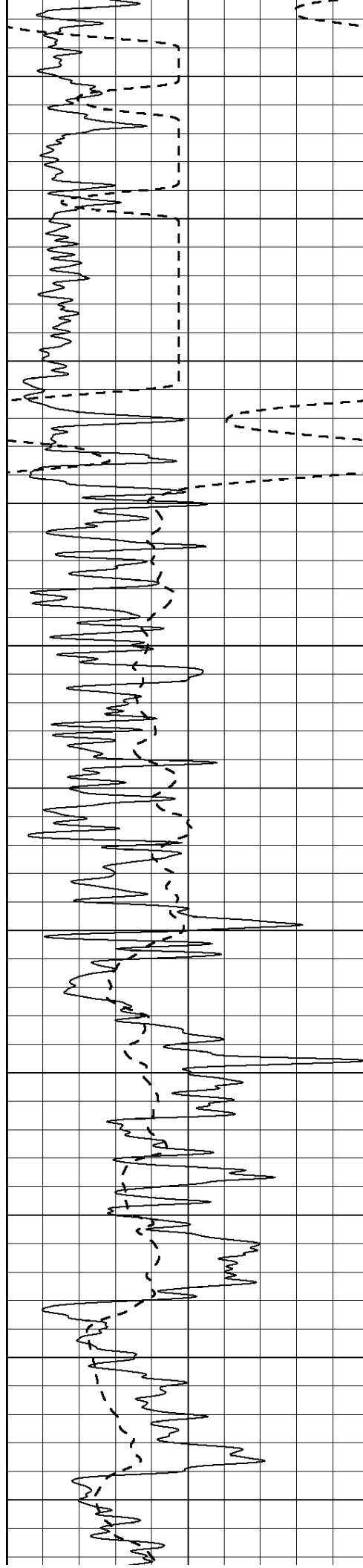






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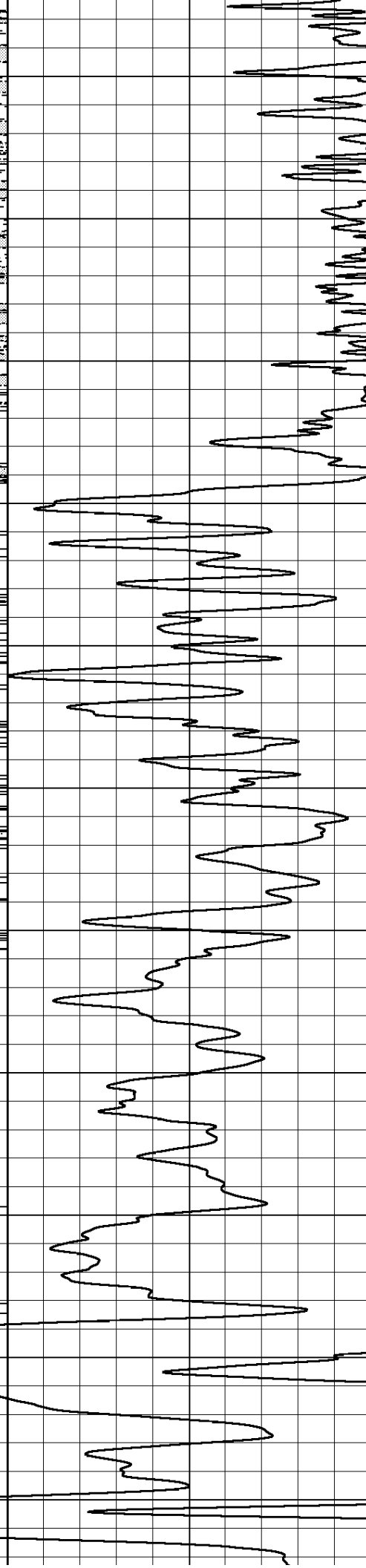
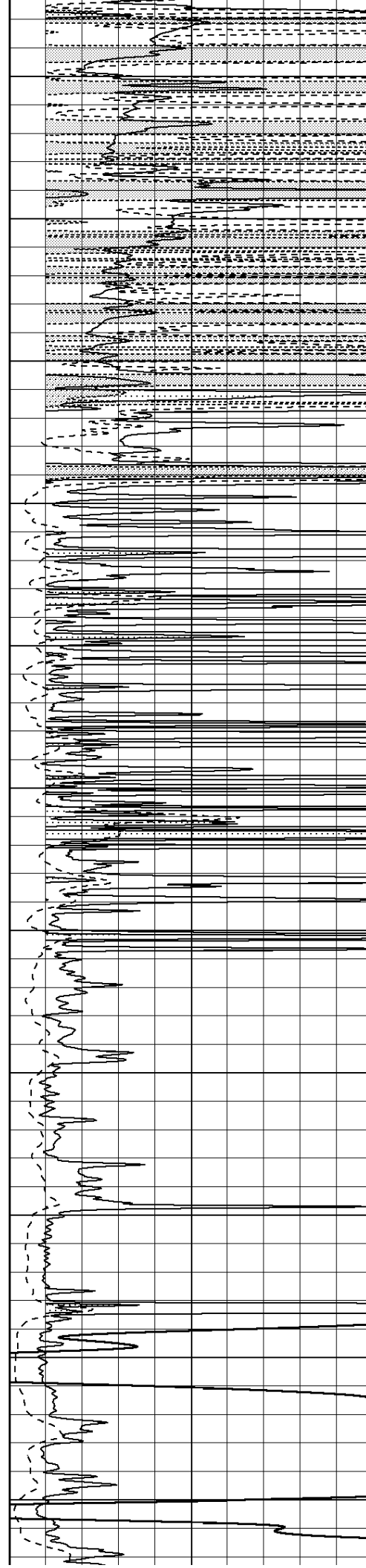
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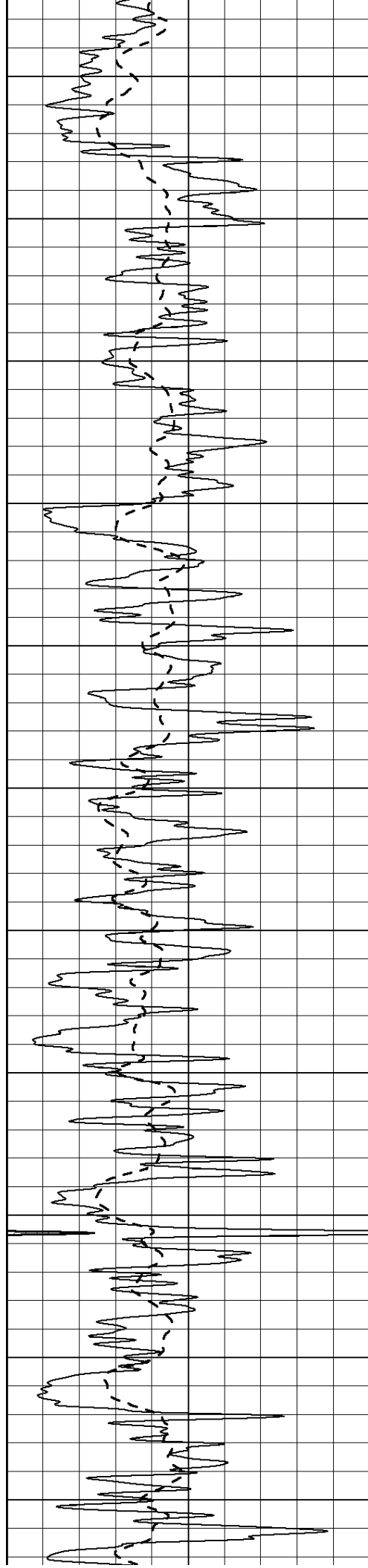
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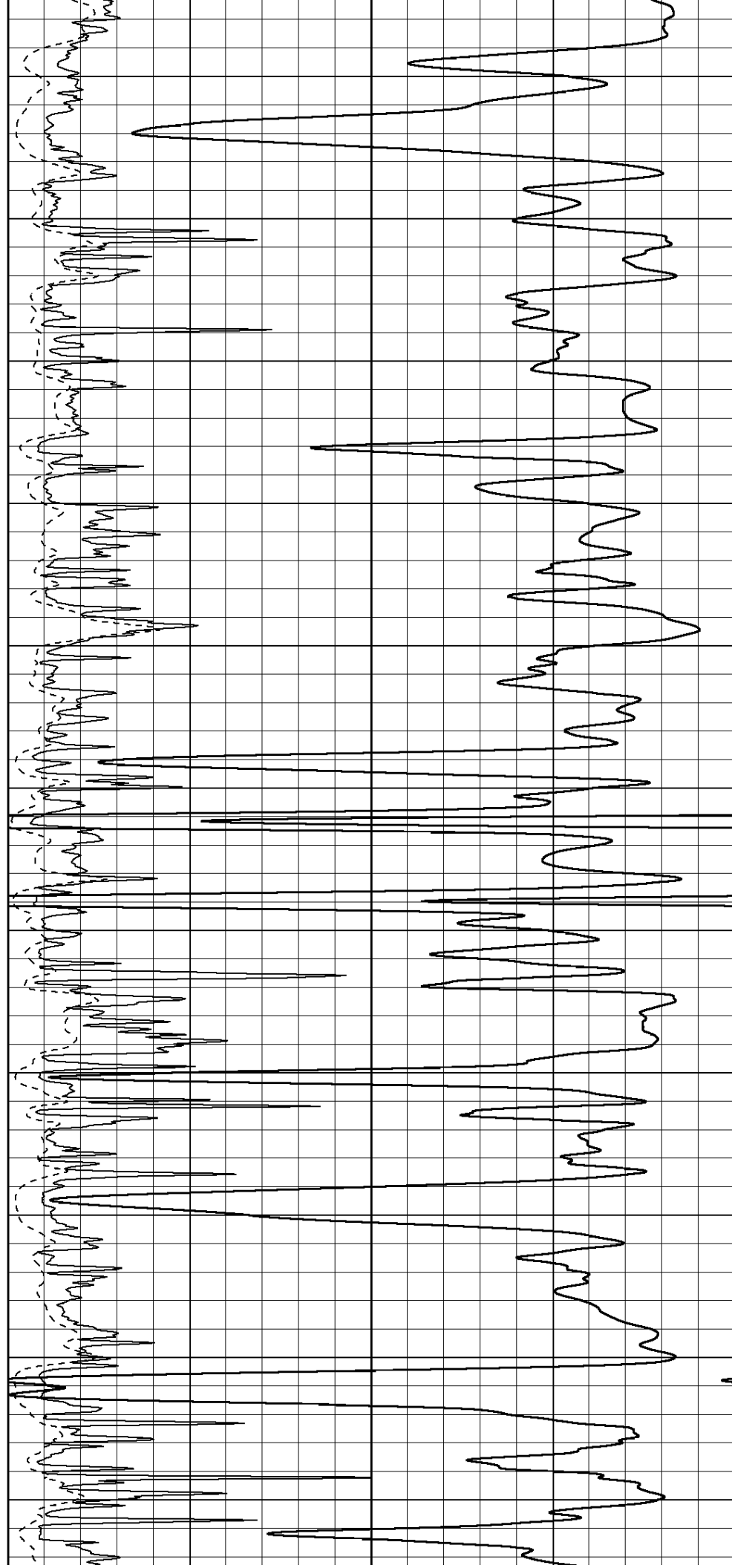
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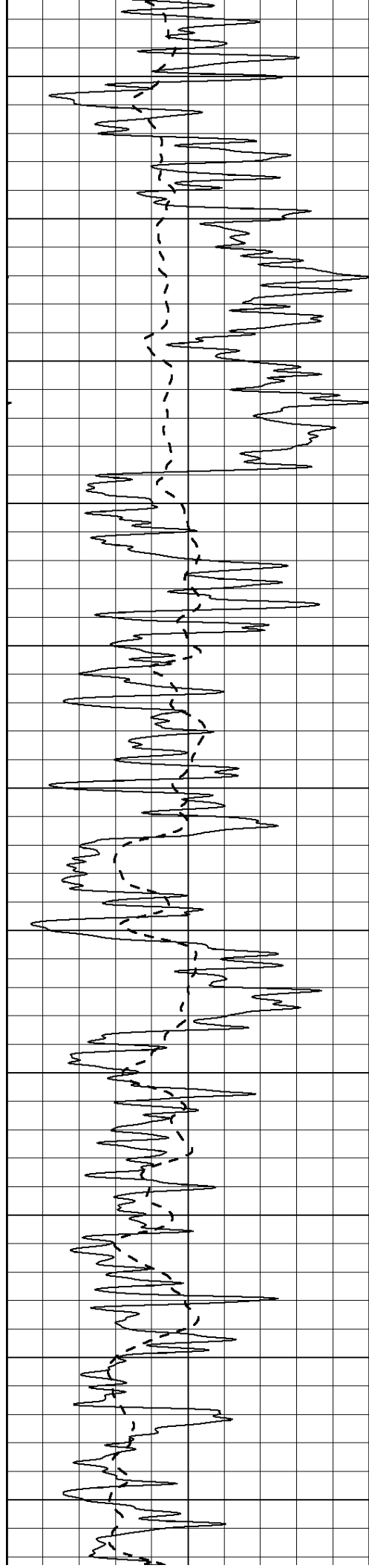
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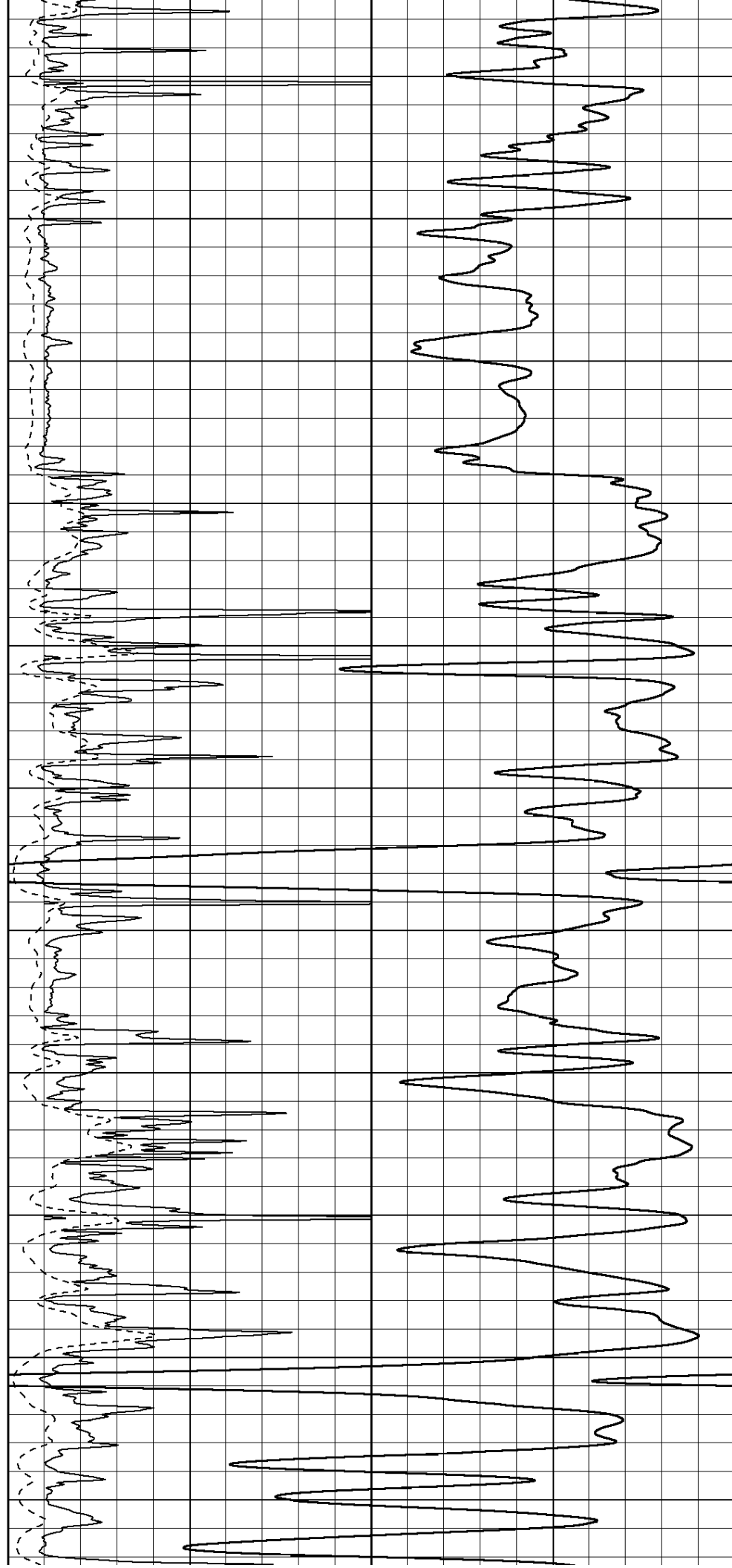
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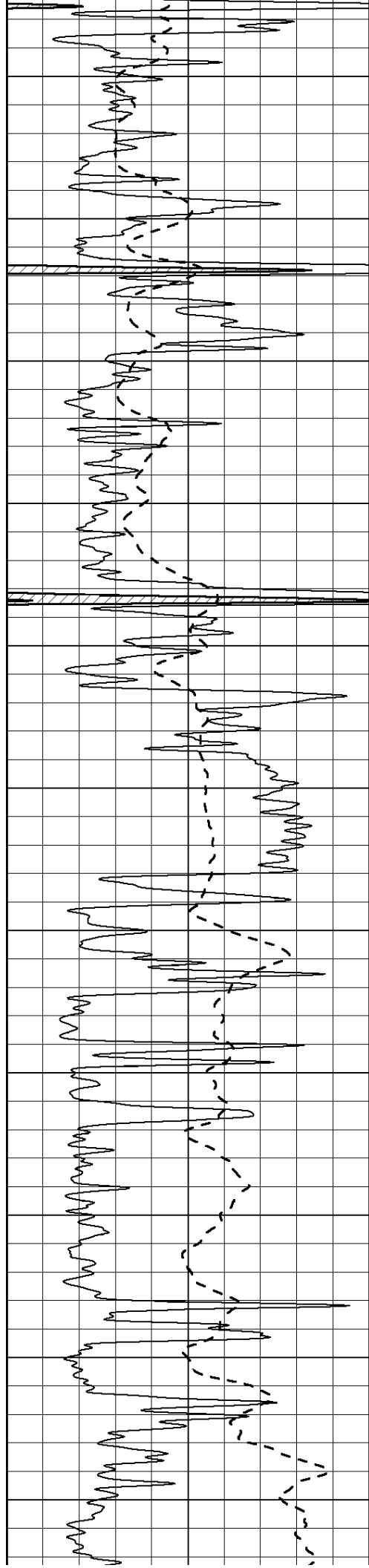
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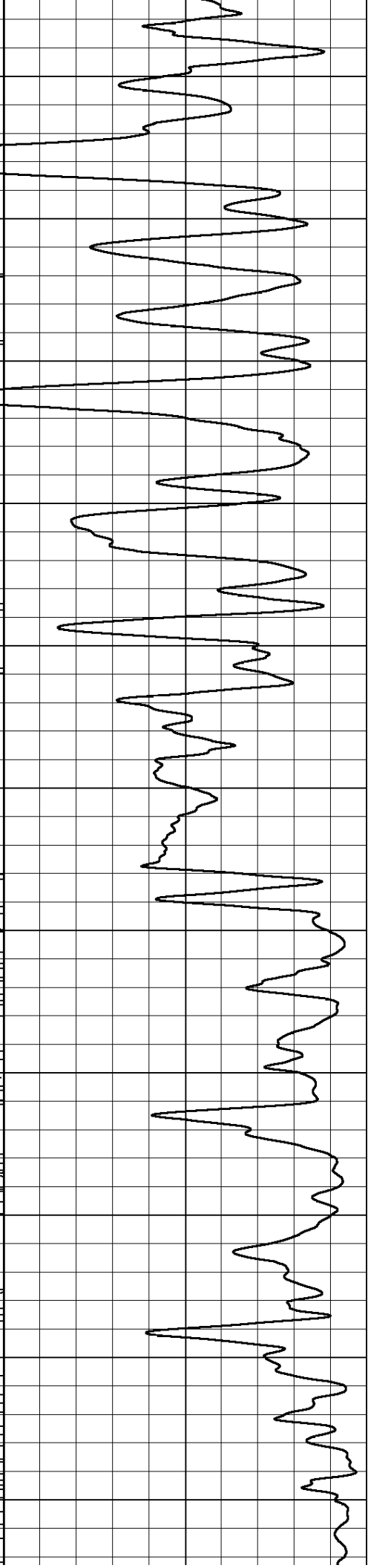
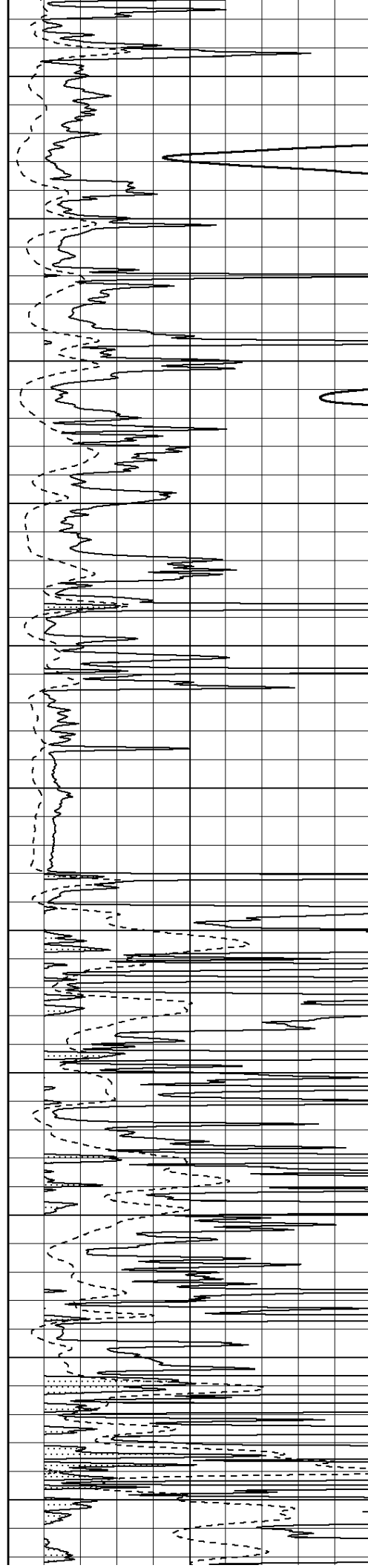
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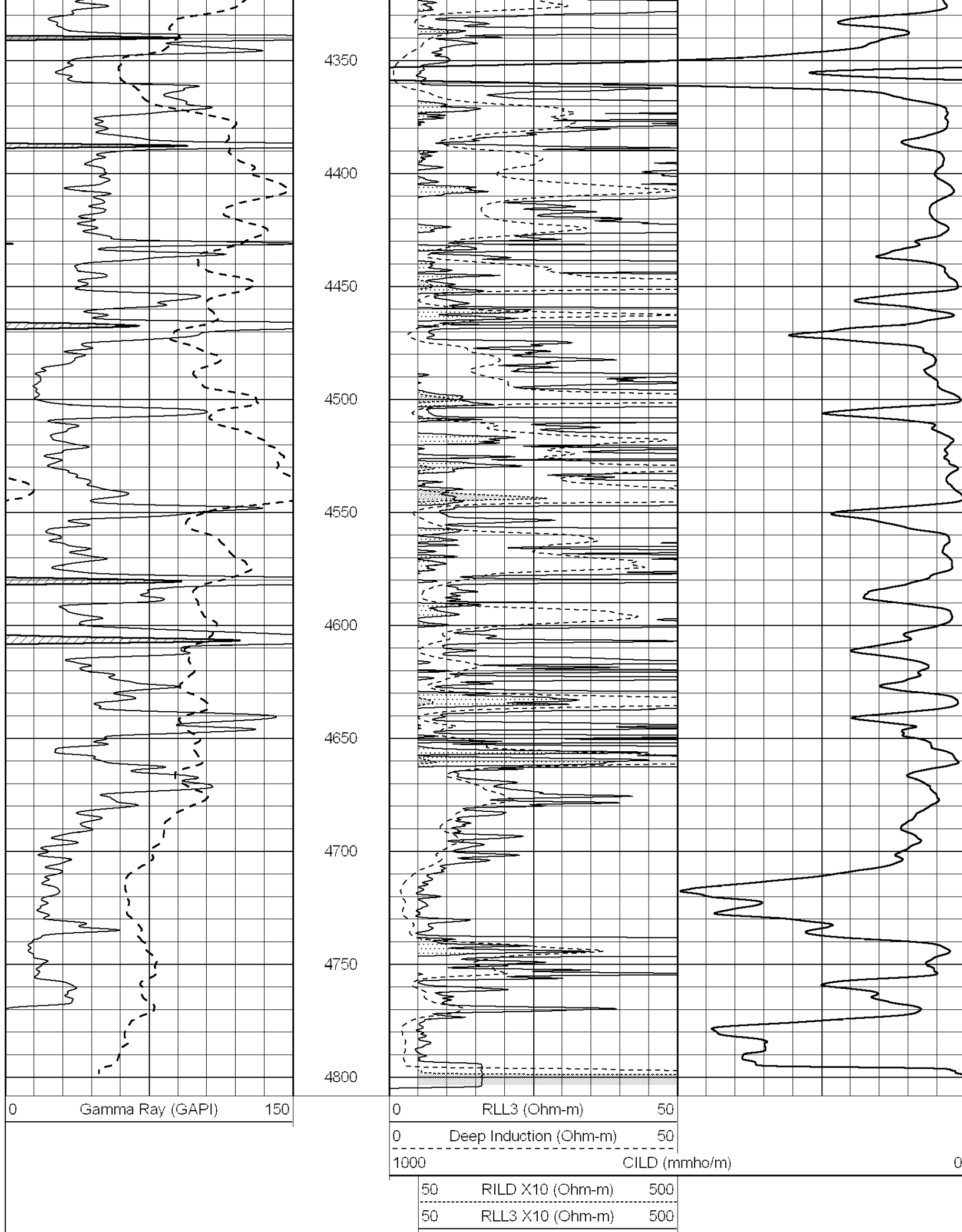
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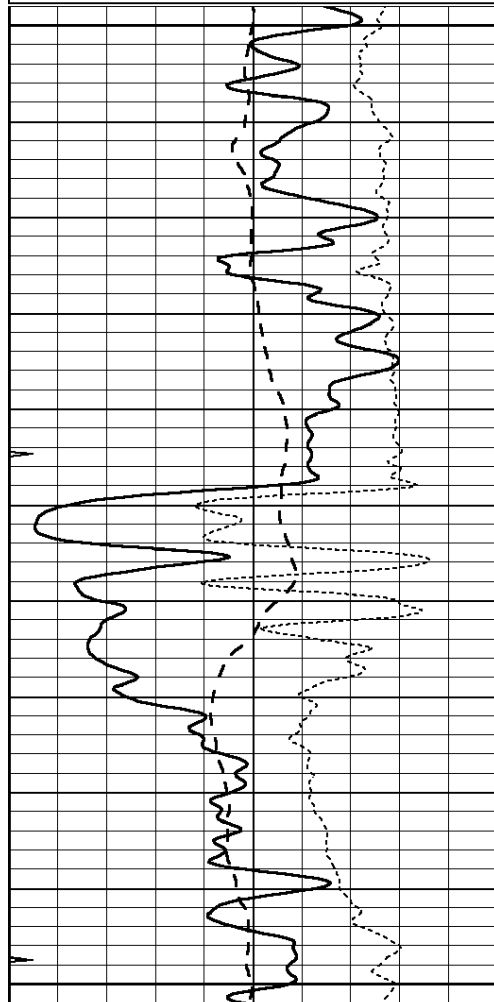




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 Dataset Pathname: pass3.3
 Presentation Format: _dil
 Dataset Creation: Wed Sep 25 10:52:30 2013
 Charted by: Depth in Feet scaled 1:240

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

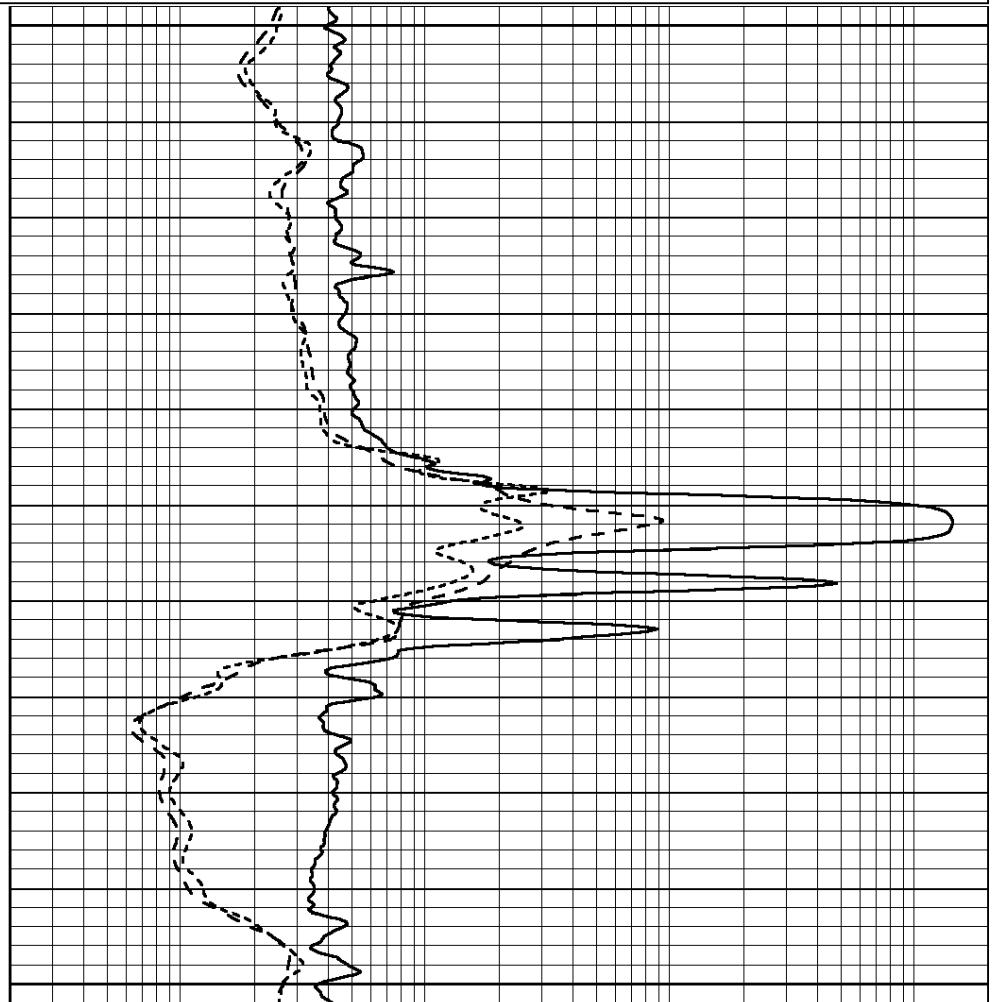


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0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	RxoRt	50
0	MINMK	20

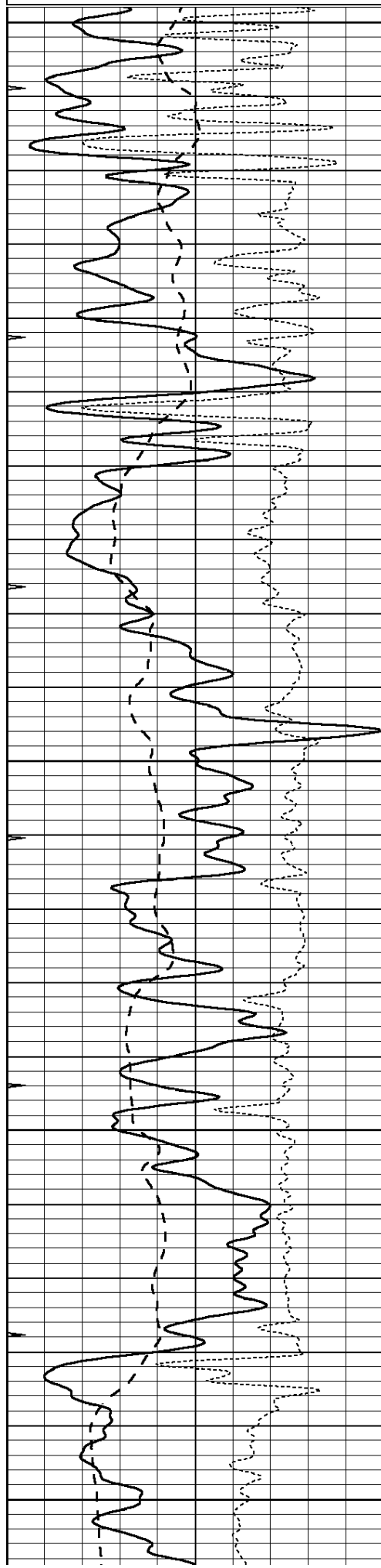


0.2	RLL3 (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000

Database File: 011723ddn.db
 Dataset Pathname: pass3.2
 Presentation Format: _dil
 Dataset Creation: Wed Sep 25 10:48:23 2013 by Calc Open-Cased 090629
 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



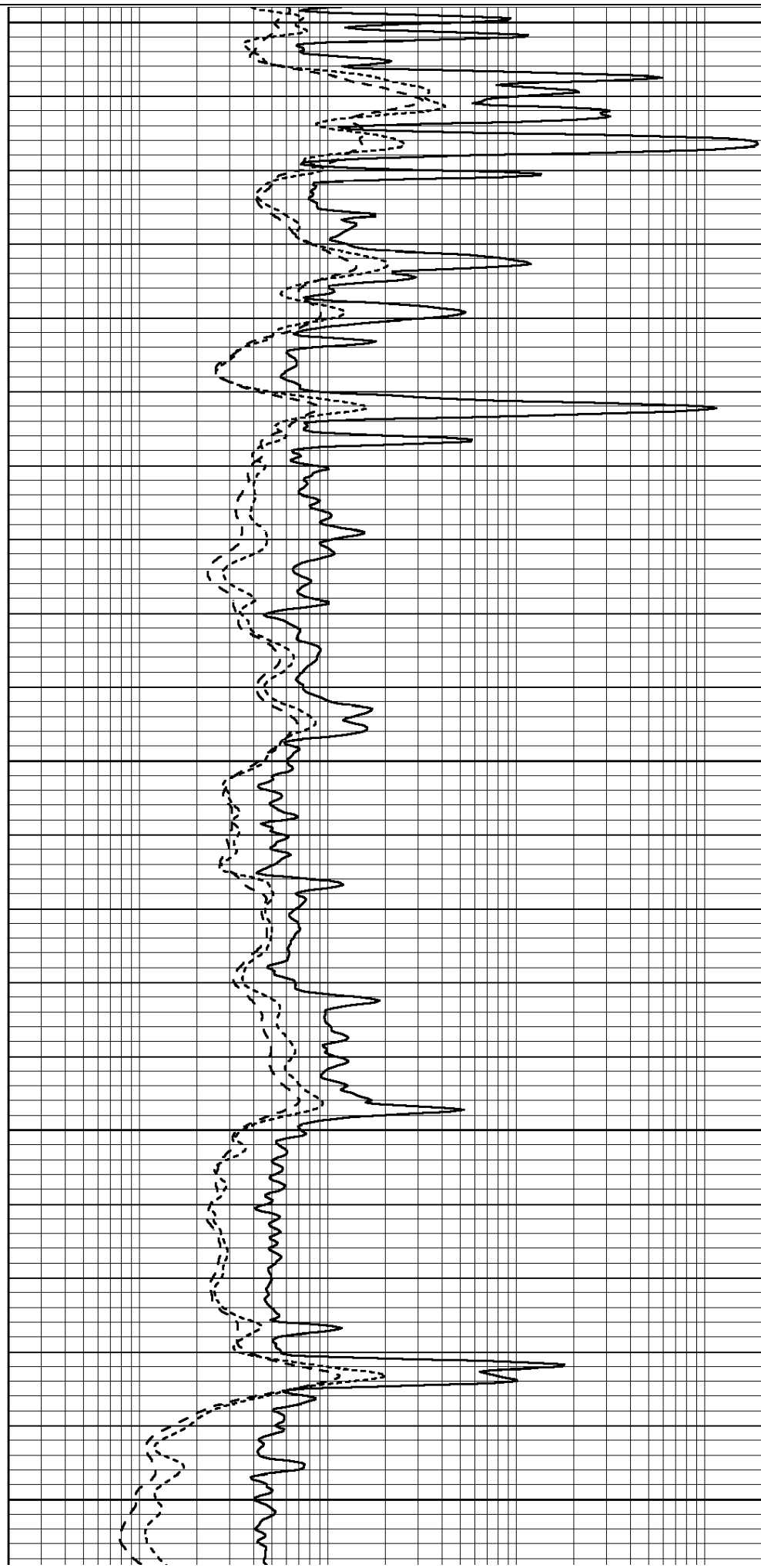
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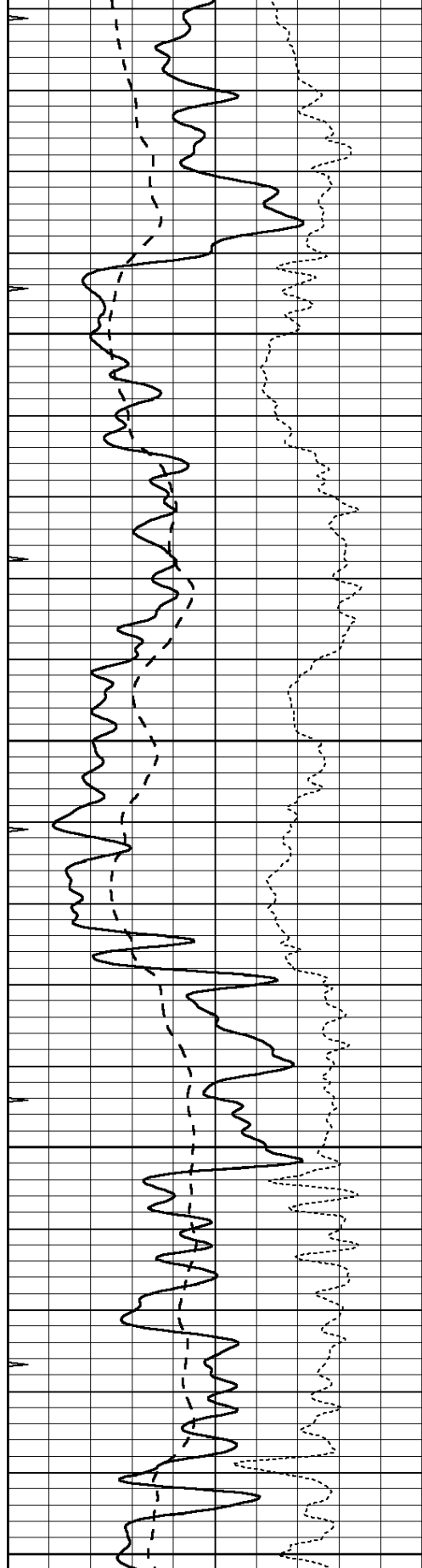
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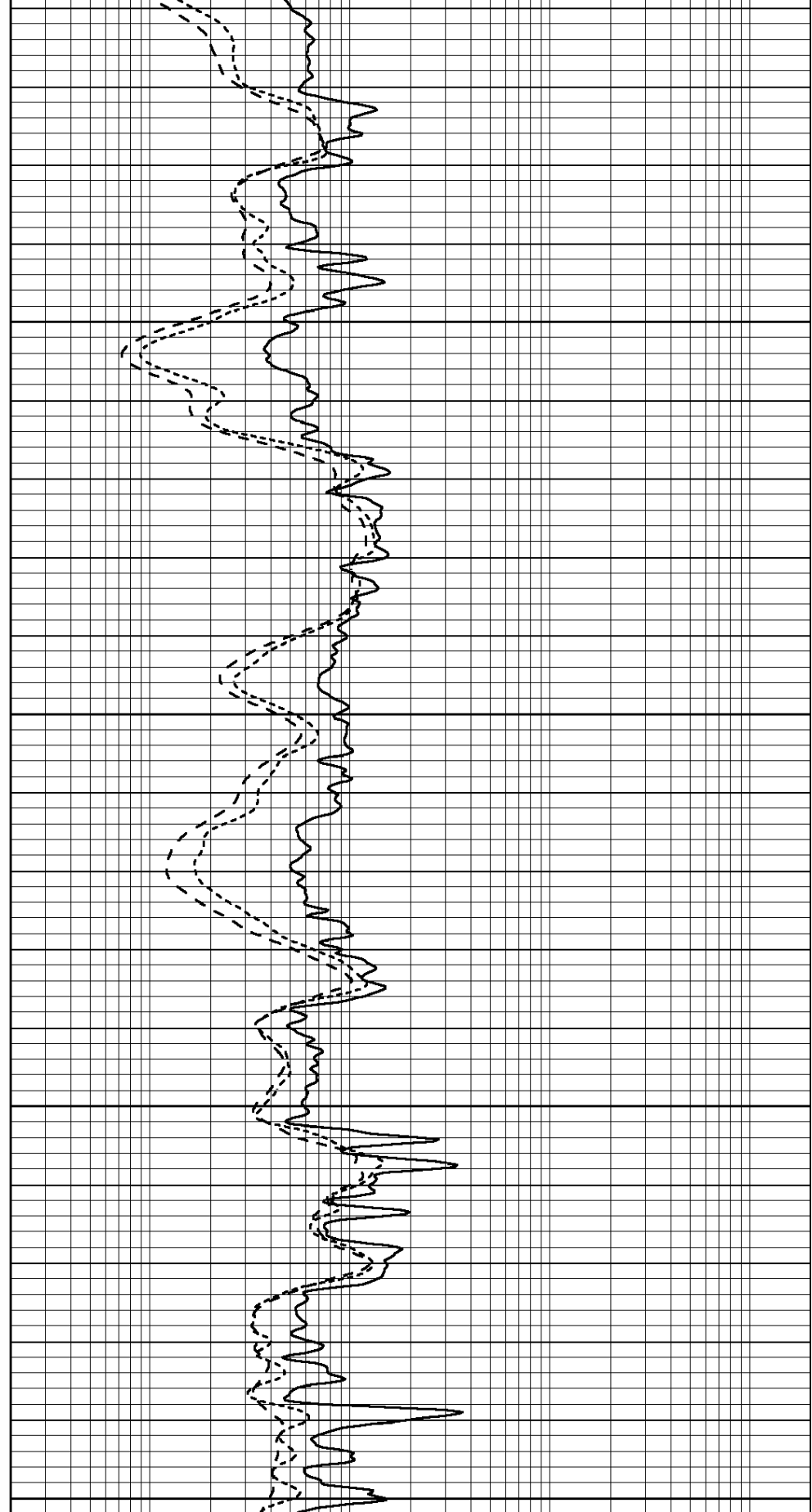
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-100	SP (mV)	100
-250	RxoRt	50
0	MINMK	20

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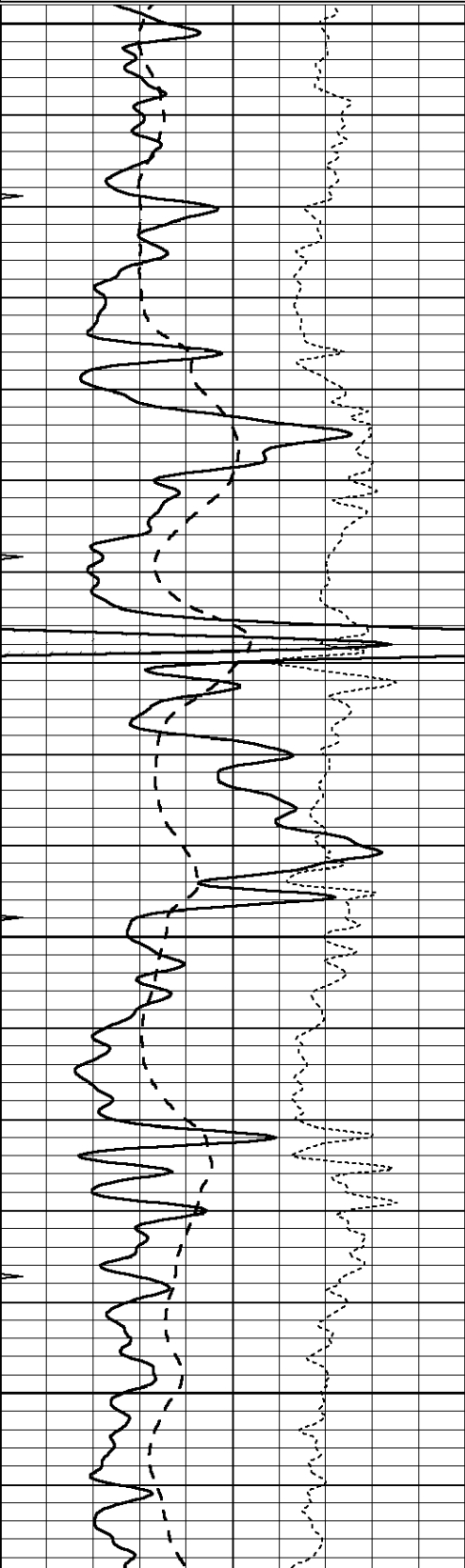


0.2	RLL3 (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000

Database File: 011723ddn.db
Dataset Pathname: pass3.2
Presentation Format: _dil
Dataset Creation: Wed Sep 25 10:48:23 2013 by Calc Open-Cased 090629
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

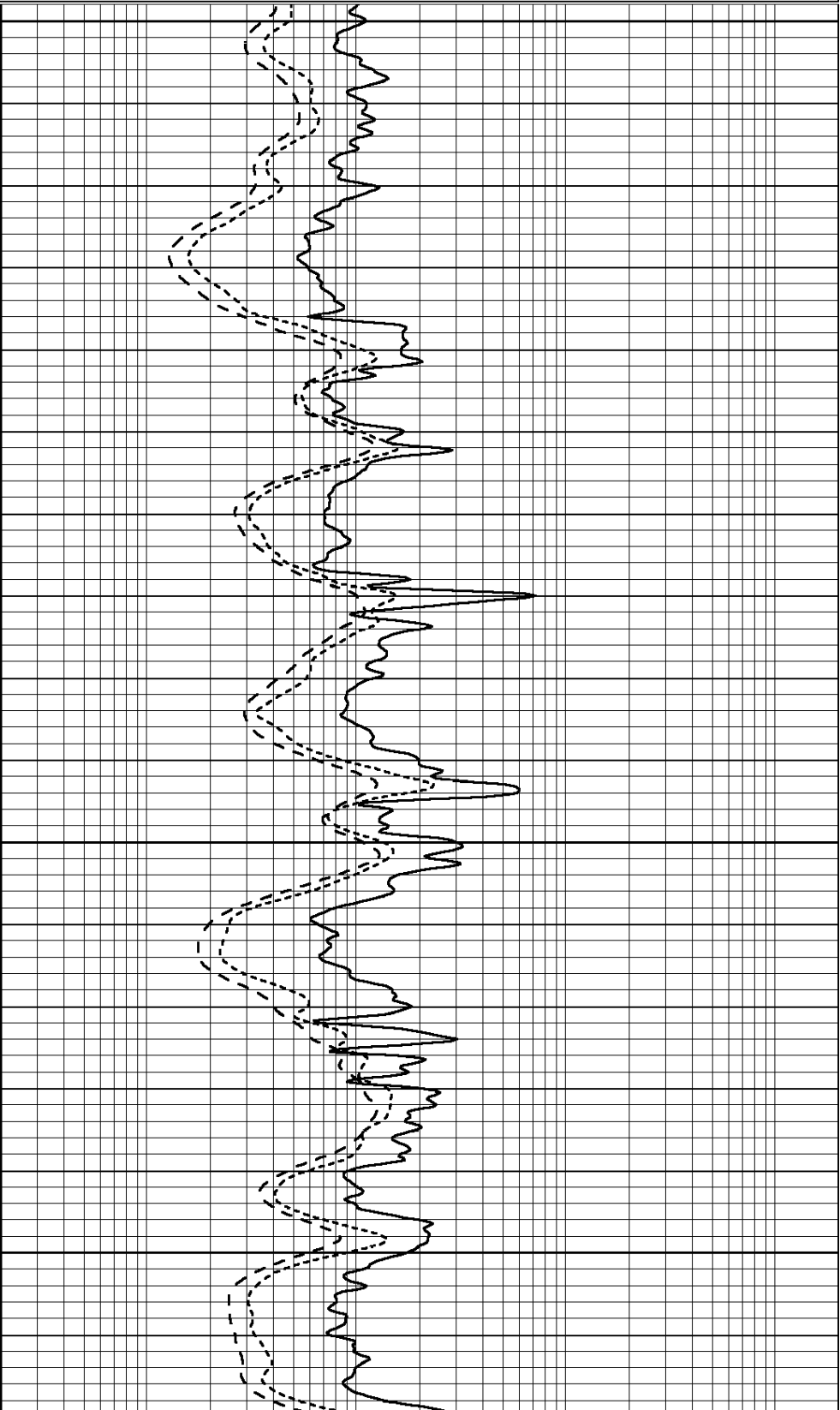


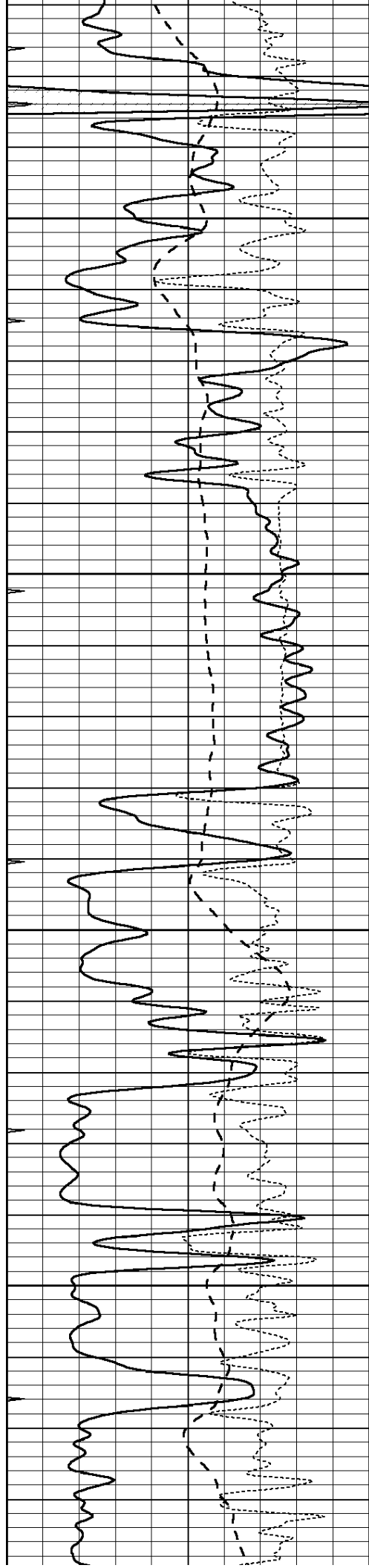
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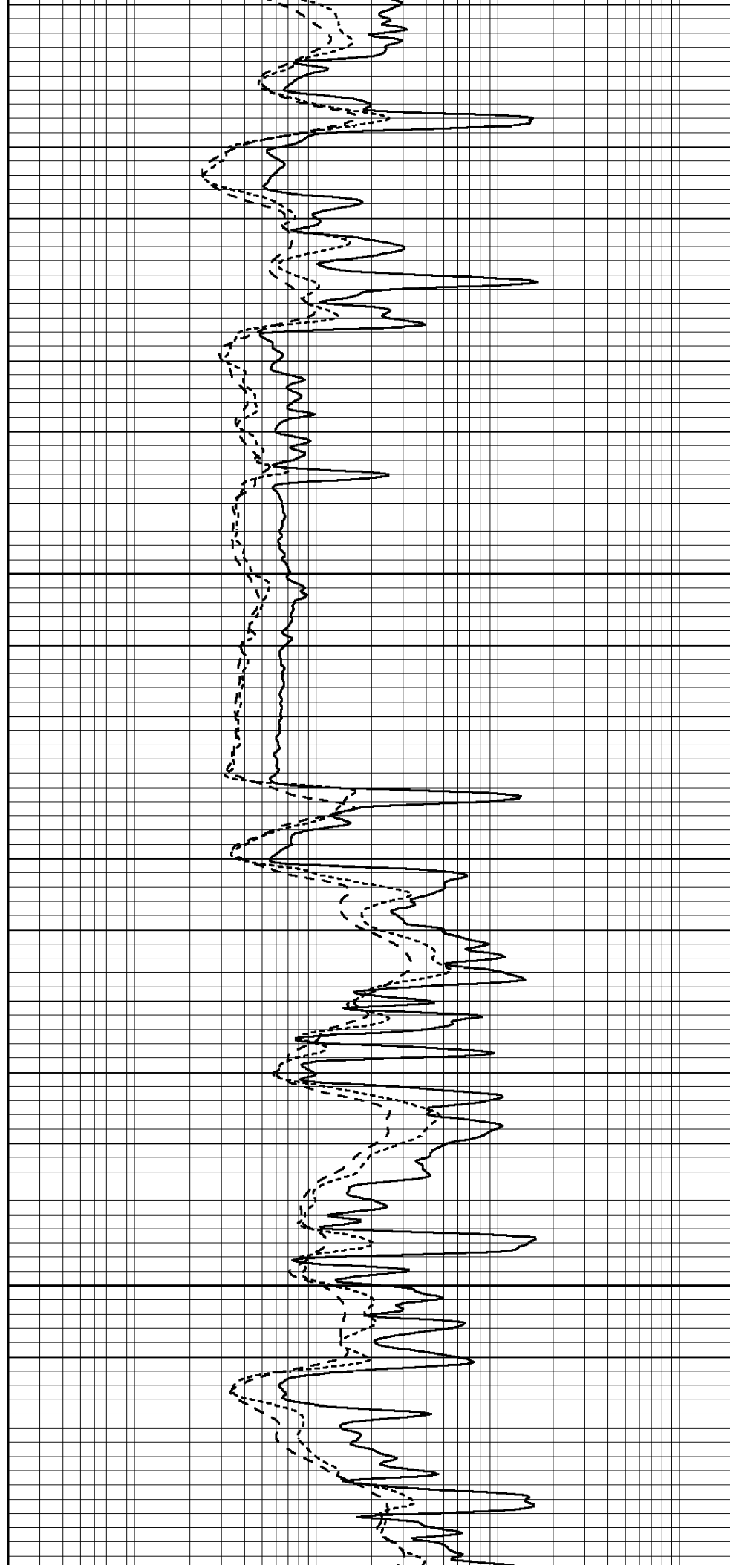


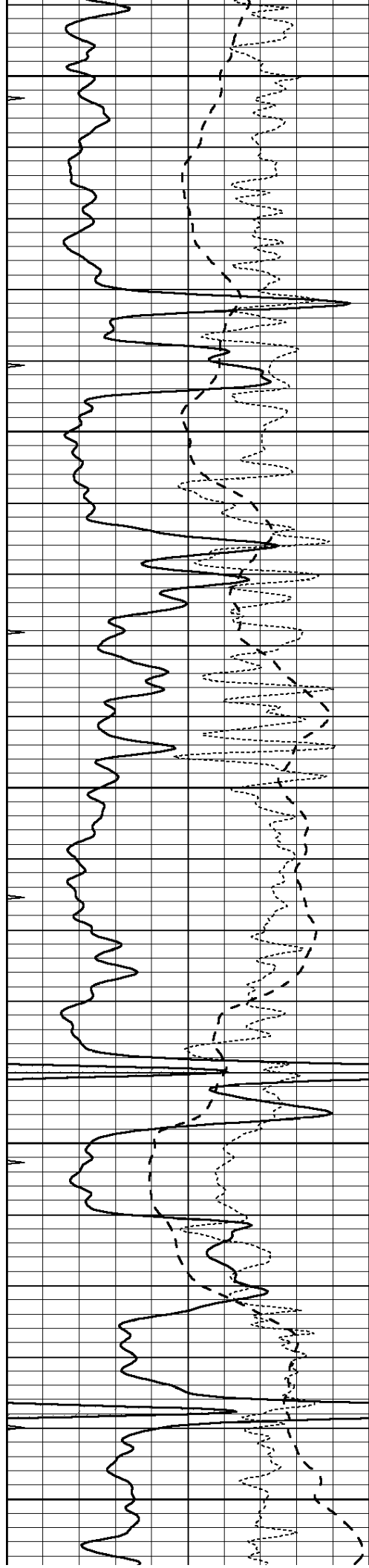
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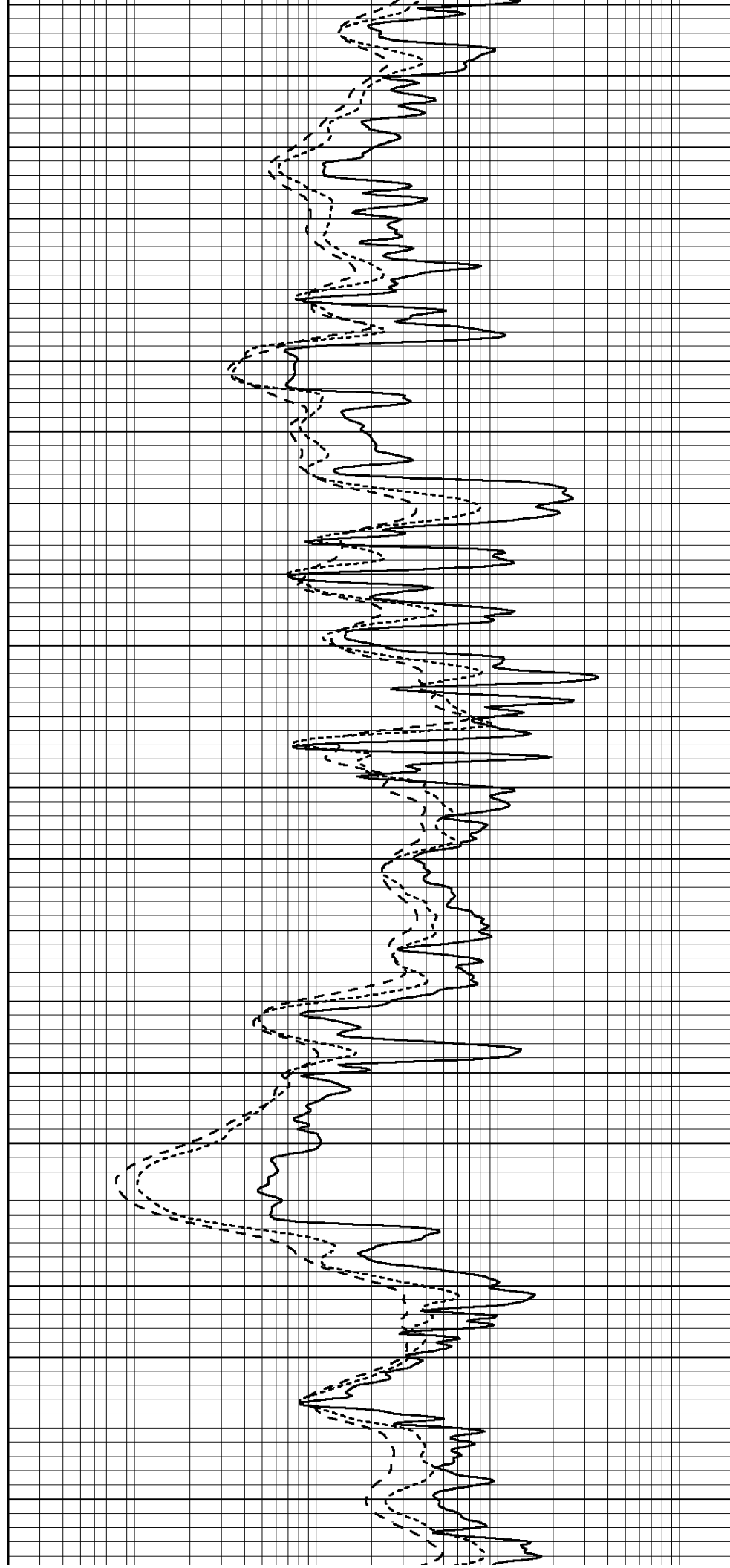
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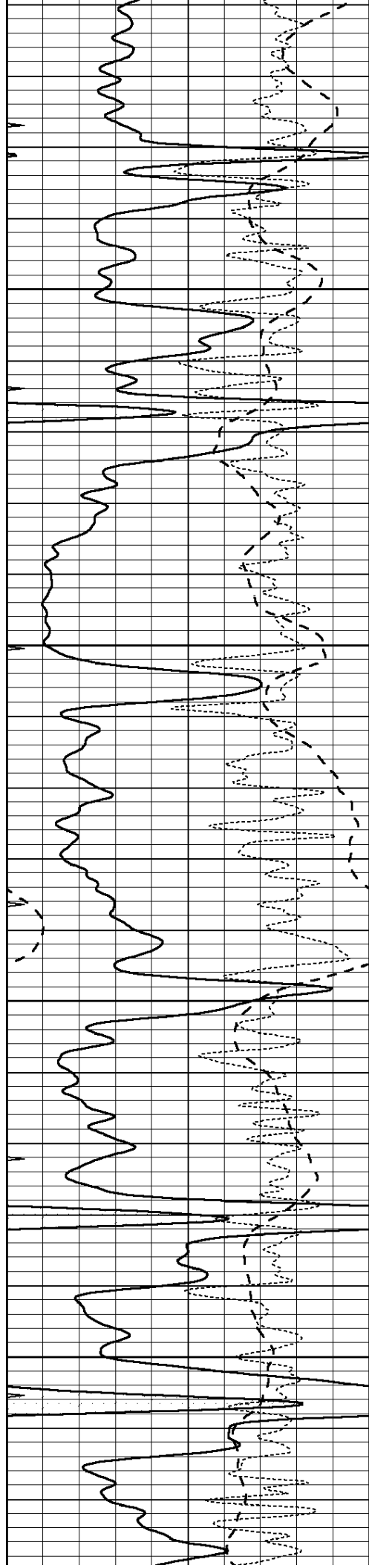
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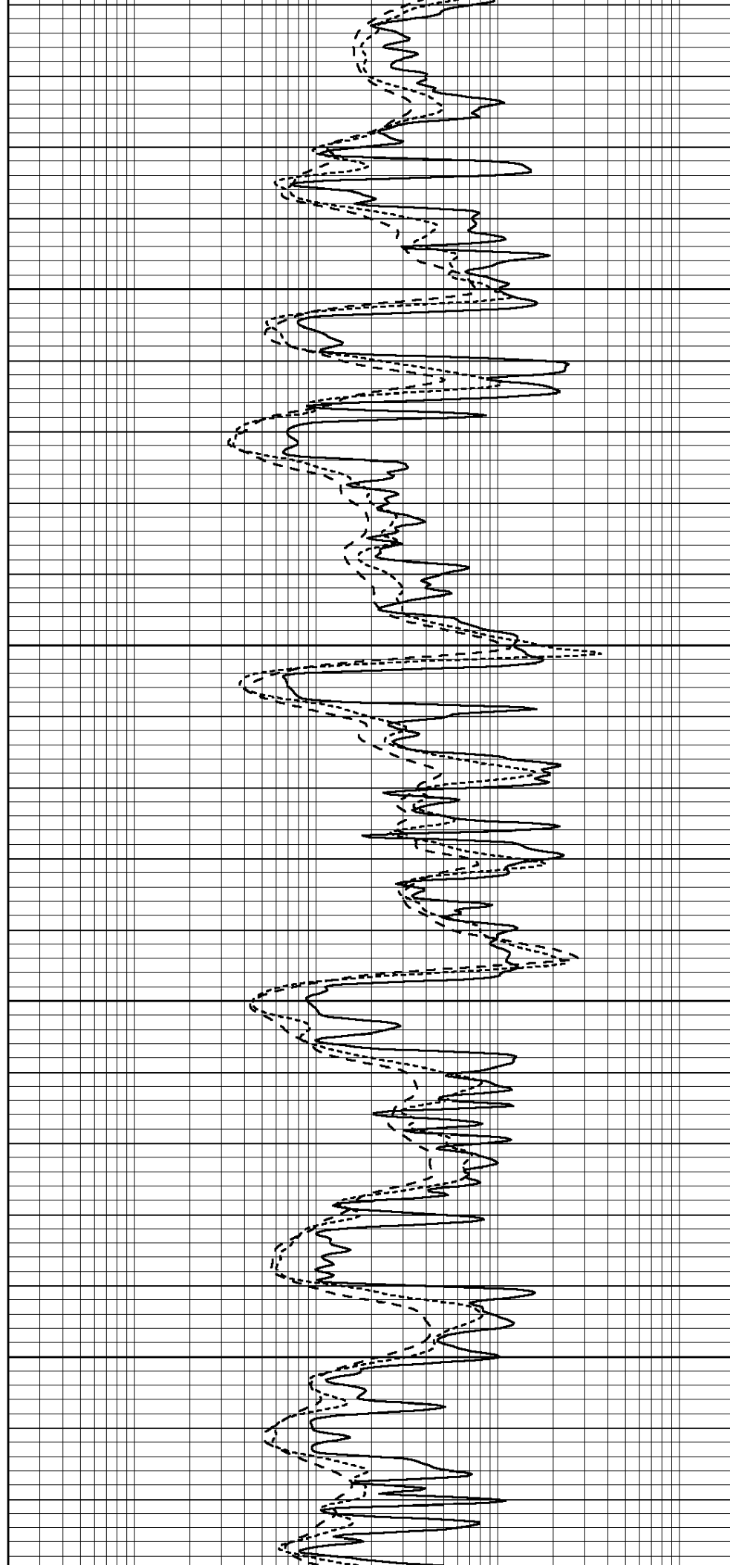


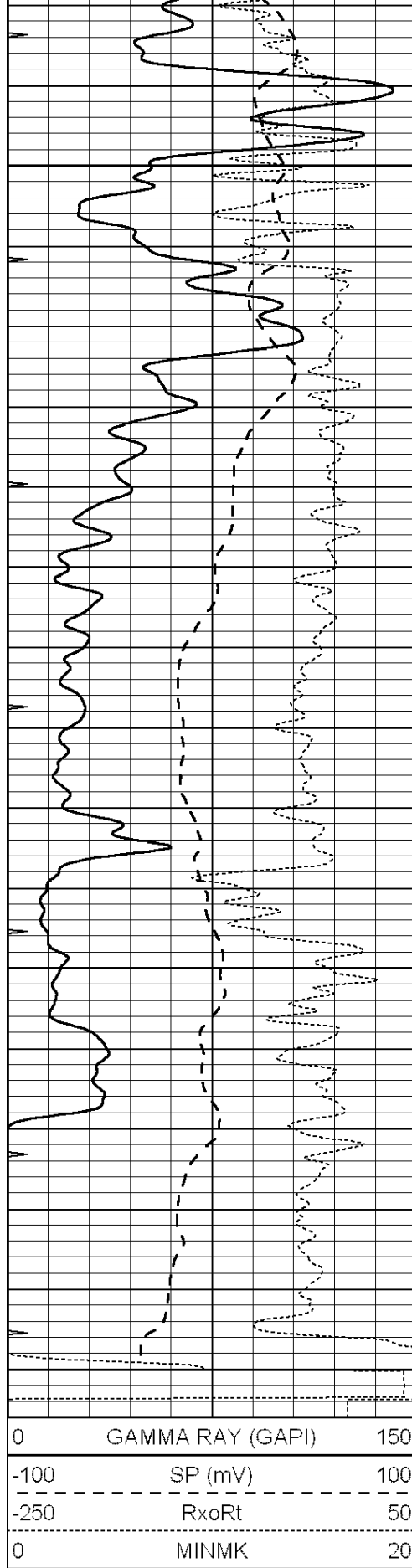
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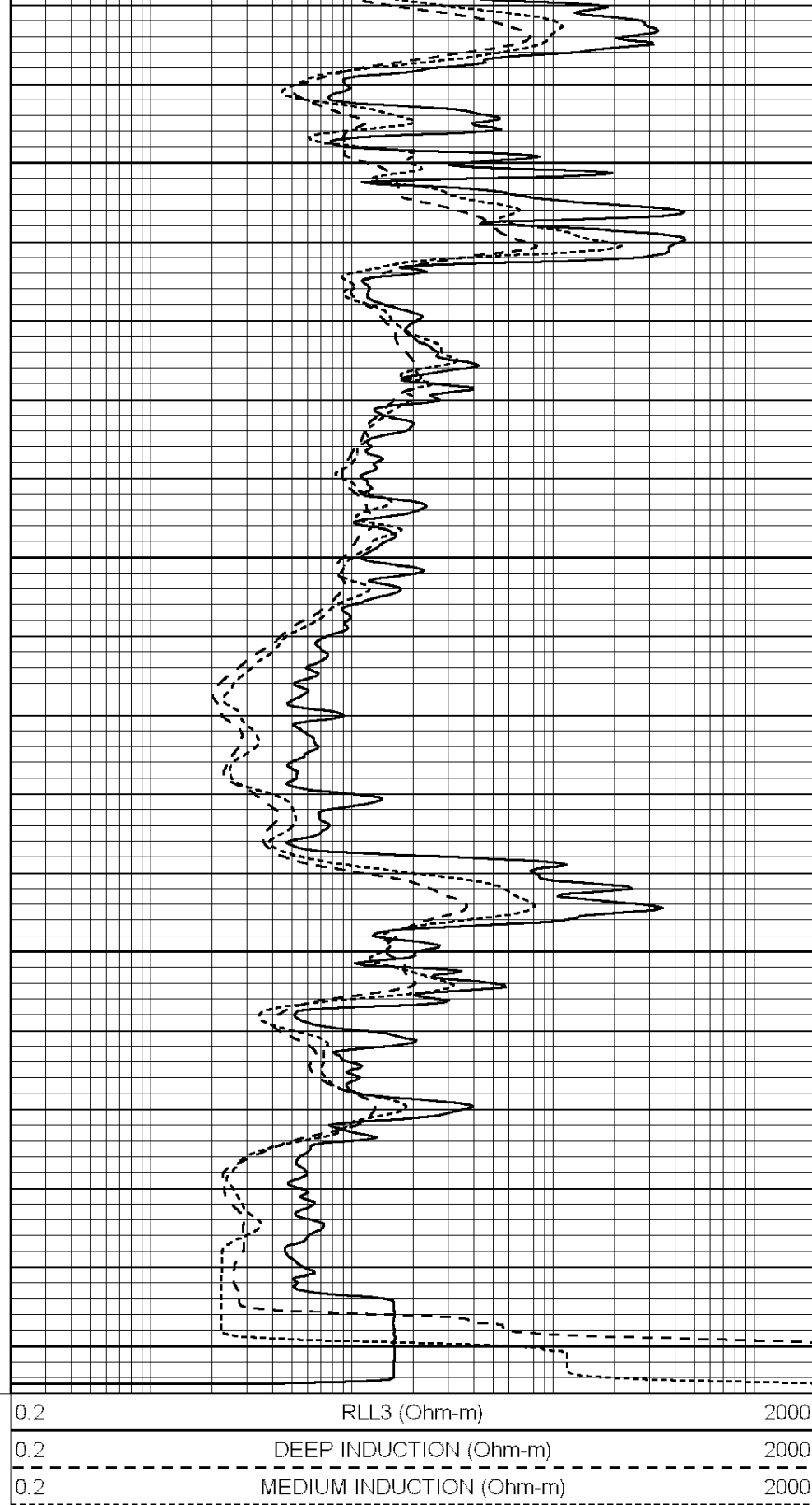


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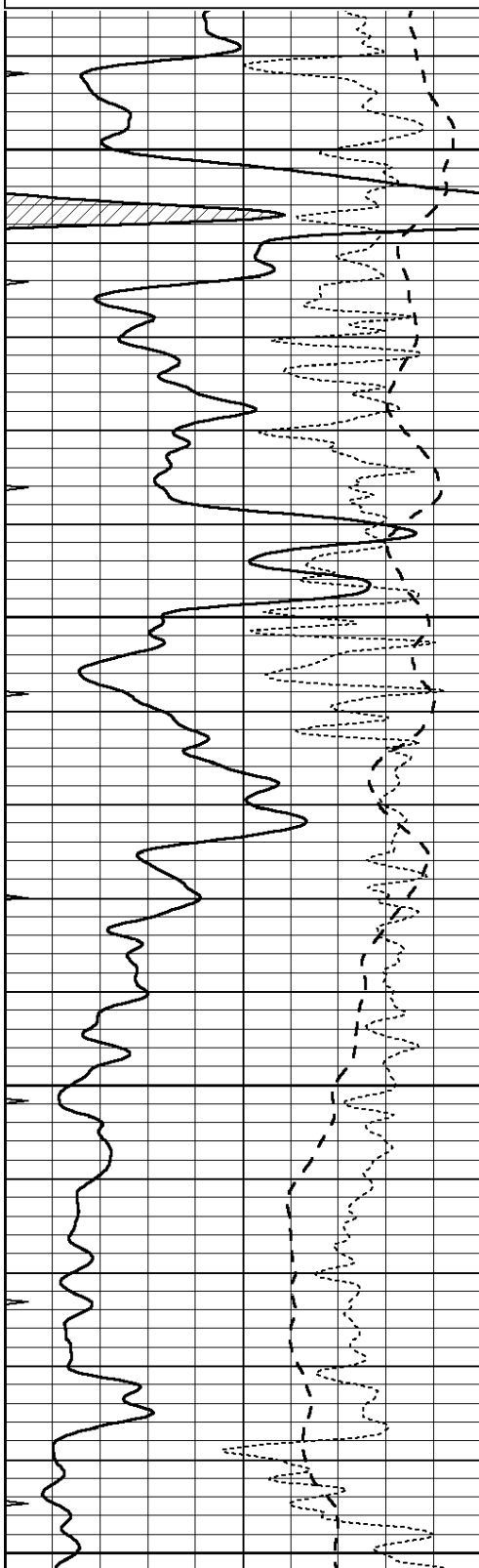


**& PRODUCTION
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Database File: 011723ddn.db
Dataset Pathname: pass2.4
Presentation Format: _dil
Dataset Creation: Wed Sep 25 09:24:35 2013 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

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

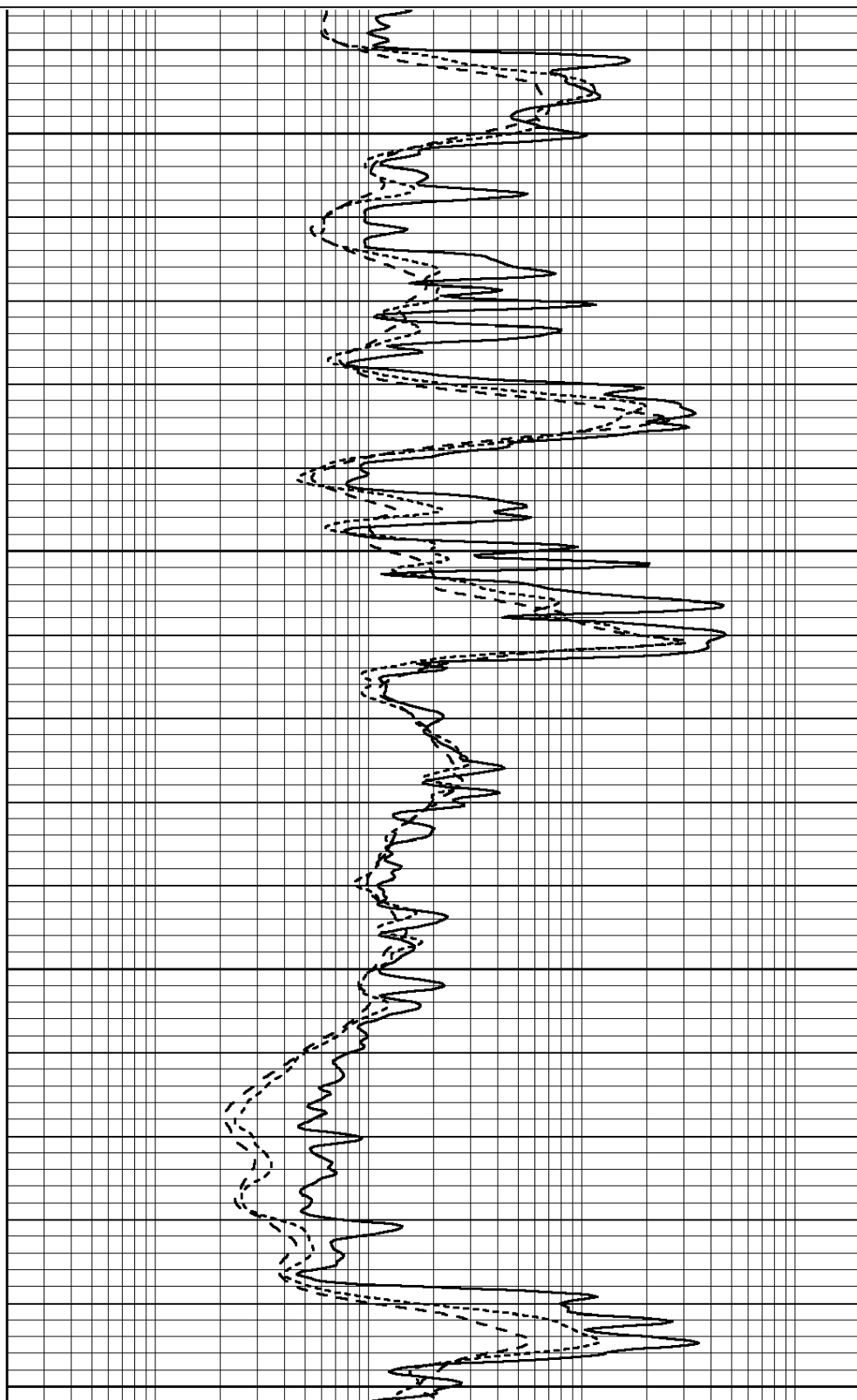


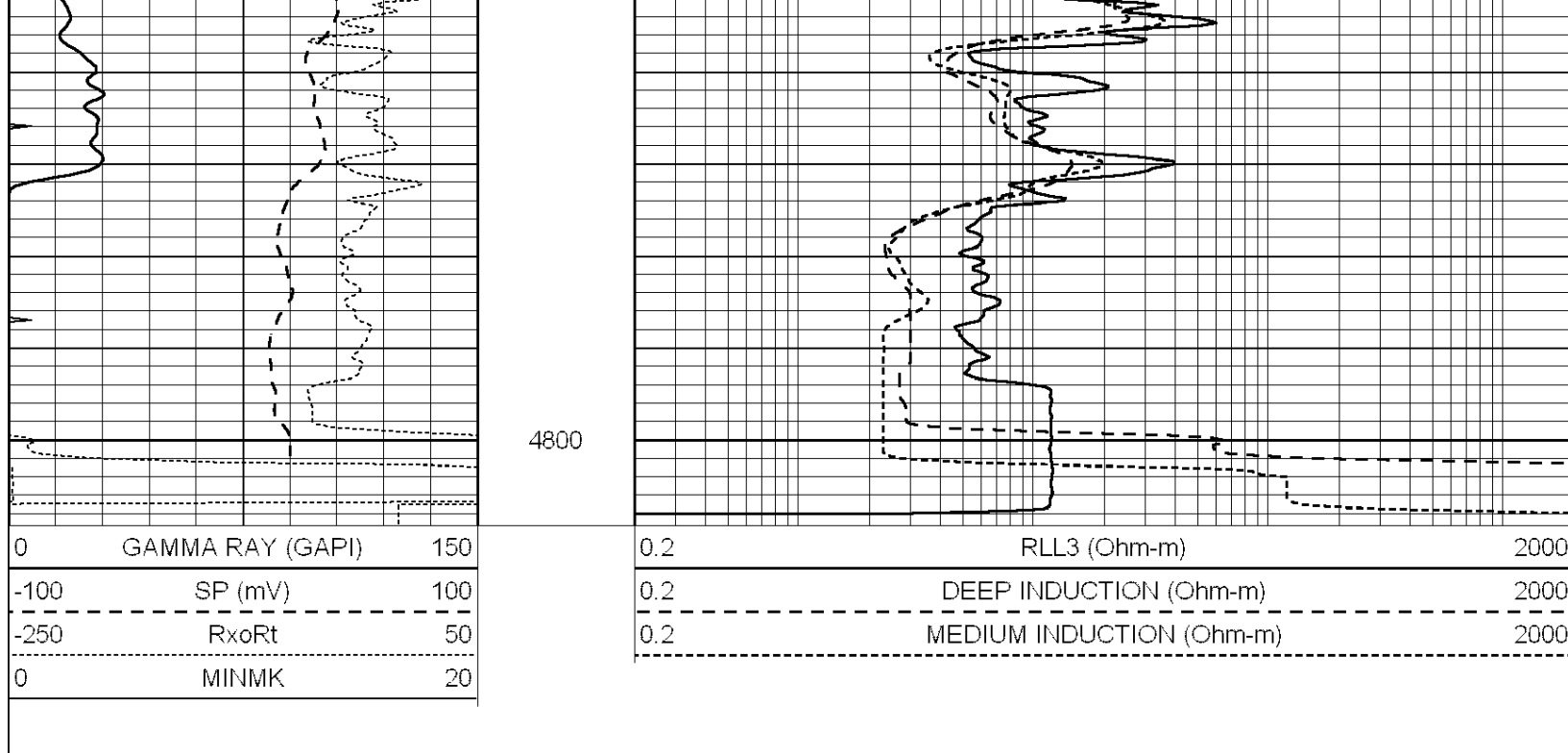
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Calibration Report

Database File: 011723ddn.db
 Dataset Pathname: pass3.3
 Dataset Creation: Wed Sep 25 10:52:30 2013

Dual Induction Calibration Report

Serial-Model: DIL3-GEAR
 Performed: Thu Jun 28 04:38:49 2007

Loop:	Readings			References			Results	
	Air	Loop		Air	Loop		m	b
Deep	0.011	0.656	V	0.000	400.000	mmho/m	540.000	-2.000
Medium	0.013	0.740	V	0.000	420.000	mmho/m	578.059	-7.603
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.002	0.645	V	0.000	400.000	mmho/m	560.000	-1.071
Medium	0.007	0.740	V	0.000	462.500	mmho/m	540.000	-4.000

Compensated Density Calibration Report

Serial-Model: GEAR1-GEARHART
 Source / Verifier: 147 / 147
 Master Calibration Performed: Thu Aug 29 12:00:35 2013

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.710	g/cc	1205.77	610.74	cps
Aluminum	2.580	g/cc	271.21	419.72	cps
Spine Angle = 75.89			Density/Spine Ratio = 0.566		
	Size		Reading		
Small Ring	8.20	in	4.83	V	
Large Ring	14.00	in	7.01	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 Sep 04 17:51:54 2013				
Calibrator Value:		1.0	GAPI			
Background Reading:		0.0	cps			
Calibrator Reading:		1.0	cps			
Sensitivity:		1.0000	GAPI/cps			