



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**DUAL
INDUCTION
LOG**

Company		VINCENT OIL CORPORATION	
Well		DURLER #1-1	
Field		WILDCAT	
County		FORD	
State		KANSAS	
Company		VINCENT OIL CORPORATION	
Well		DURLER #1-1	
Field		WILDCAT	
County		FORD	
State		KANSAS	
Location:		API # : 15-057-20888-0000 700' FNL & 957' FEL	
Permanent Datum		GROUND LEVEL	
Log Measured From		KELLY BUSHING 10' A.G.L.	
Drilling Measured From		KELLY BUSHING	
SEC 1 TWP 27S RGE 24W		Elevation K.B. 2540 D.F. 2538 G.L. 2530	
Date	5/5/13		
Run Number	ONE		
Depth Driller	5110		
Depth Logger	5108		
Bottom Logged Interval	5106		
Top Log Interval	00		
Casing Driller	8 5/8" @ 476		
Casing Logger	476		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.2/59	CHLORIDES 7500 PPM	
pH / Fluid Loss	9.0/8.0		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.80 @ 80F		
Rmf @ Meas. Temp	.60 @ 80F		
Rmc @ Meas. Temp	.96 @ 80F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.50 @ 126F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	3:35 P.M.		
Maximum Recorded Temperature	126F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	TOM DUDGEON		

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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 NABORS COMPLETION & PRODUCTION SVCS. (785) 628-6395

DIRECTIONS:

WRIGHT, KS. - W. TO RD 117 (HWY 283) - 2 S. TO MARSHALL RD. - 1 E. - S. INTO



NABORS
COMPLETION
& PRODUCTION

MAIN SECTION

Database File:

010780pe.db

Dataset Pathname:

pass3.2

Presentation Format:

_dil2

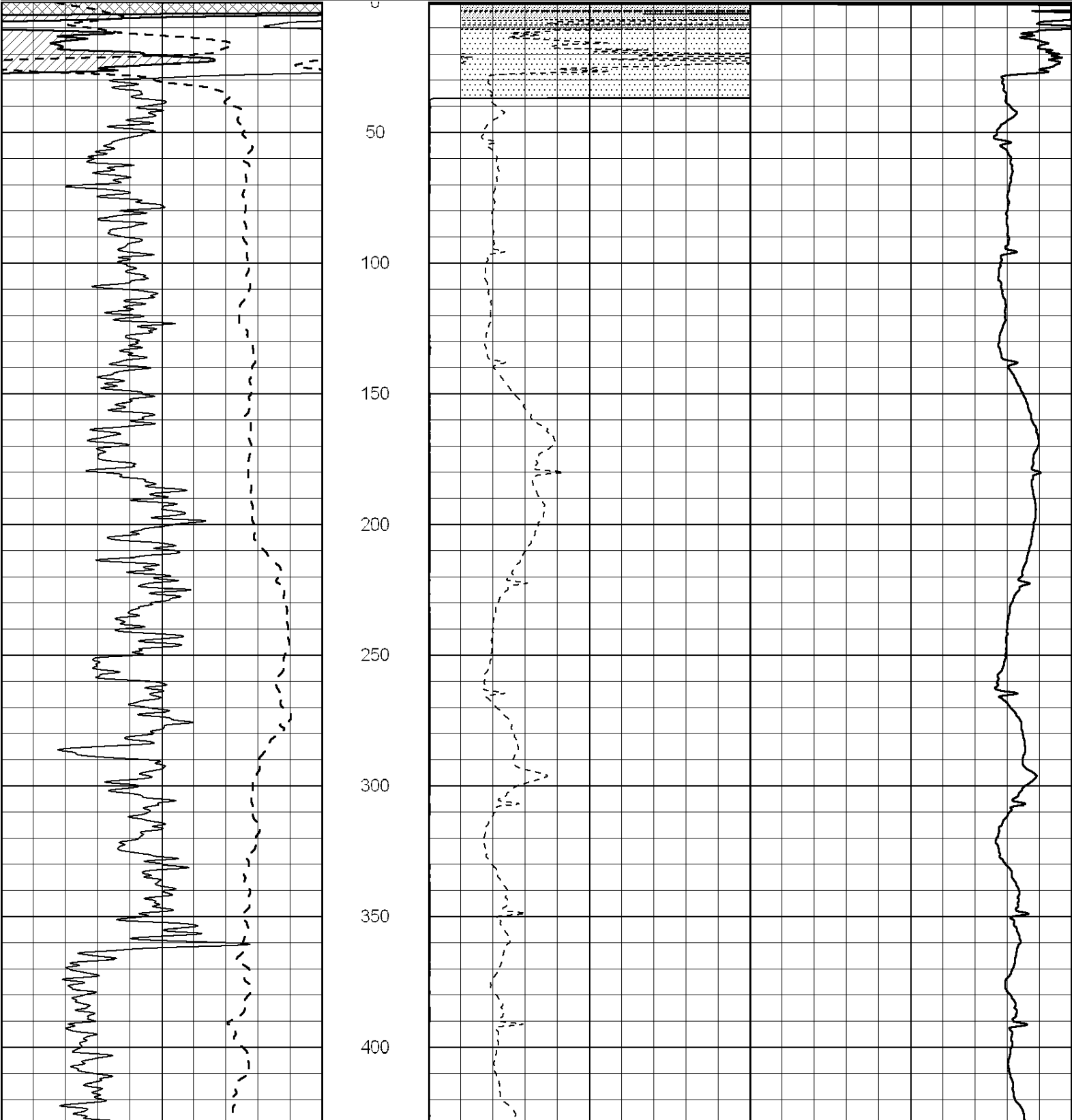
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Sun May 05 17:31:46 2013 by Calc Open-Cased 090629

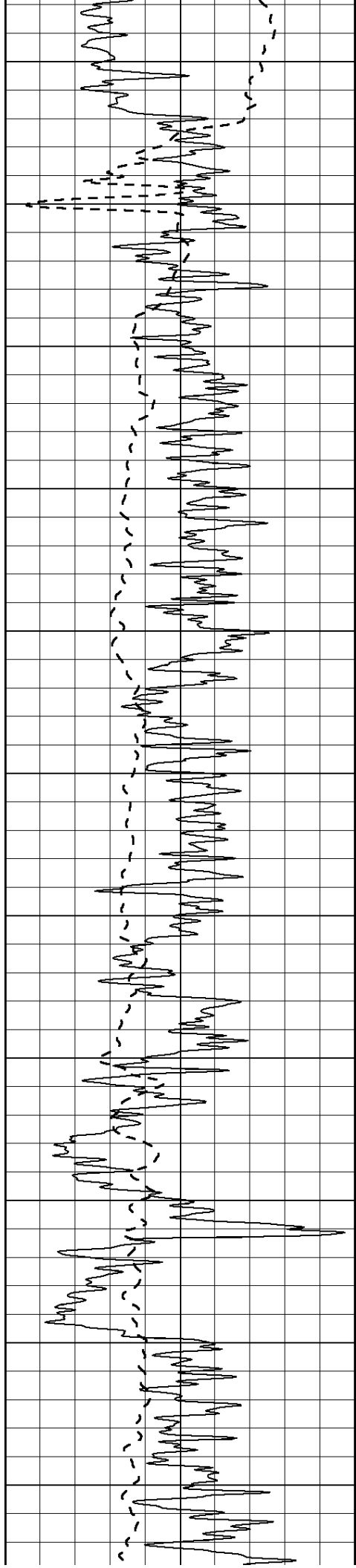
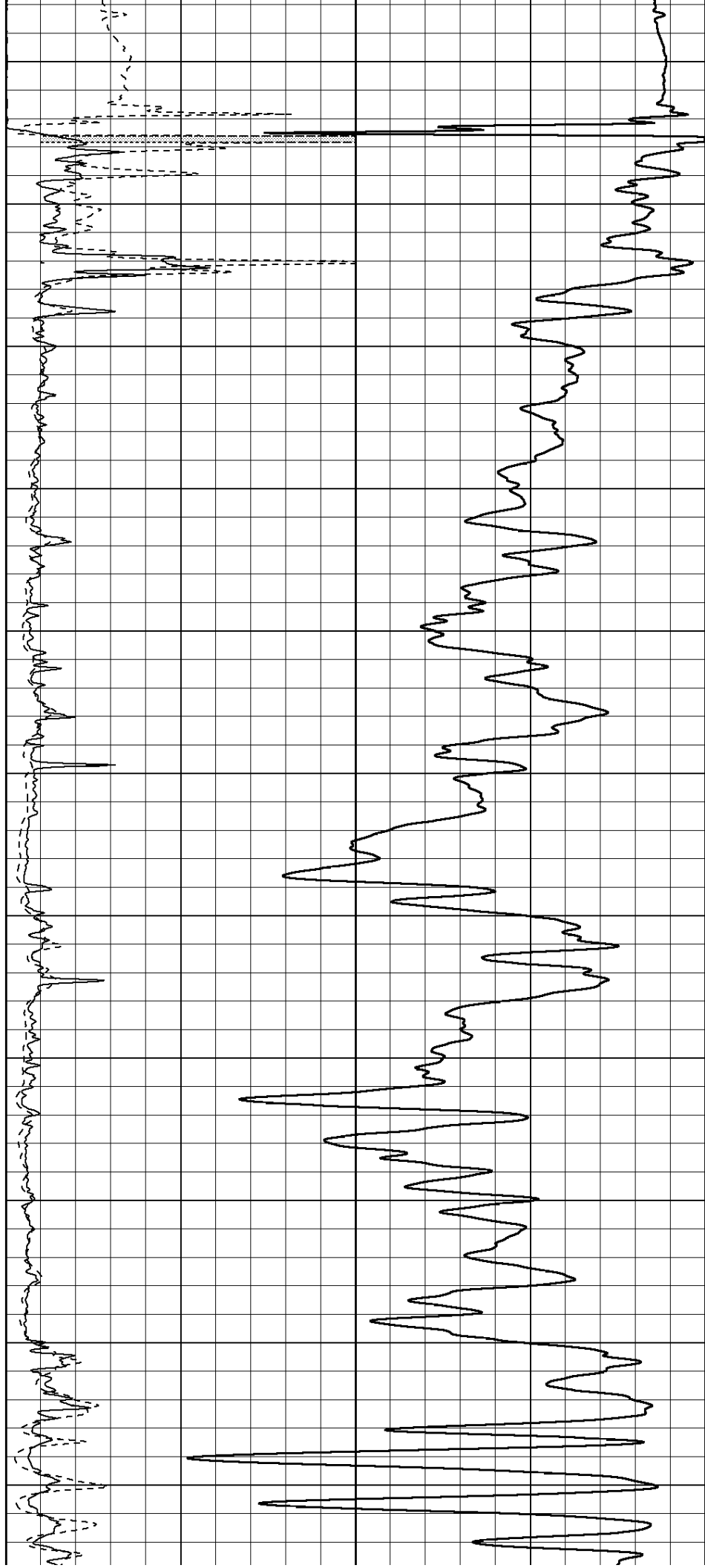
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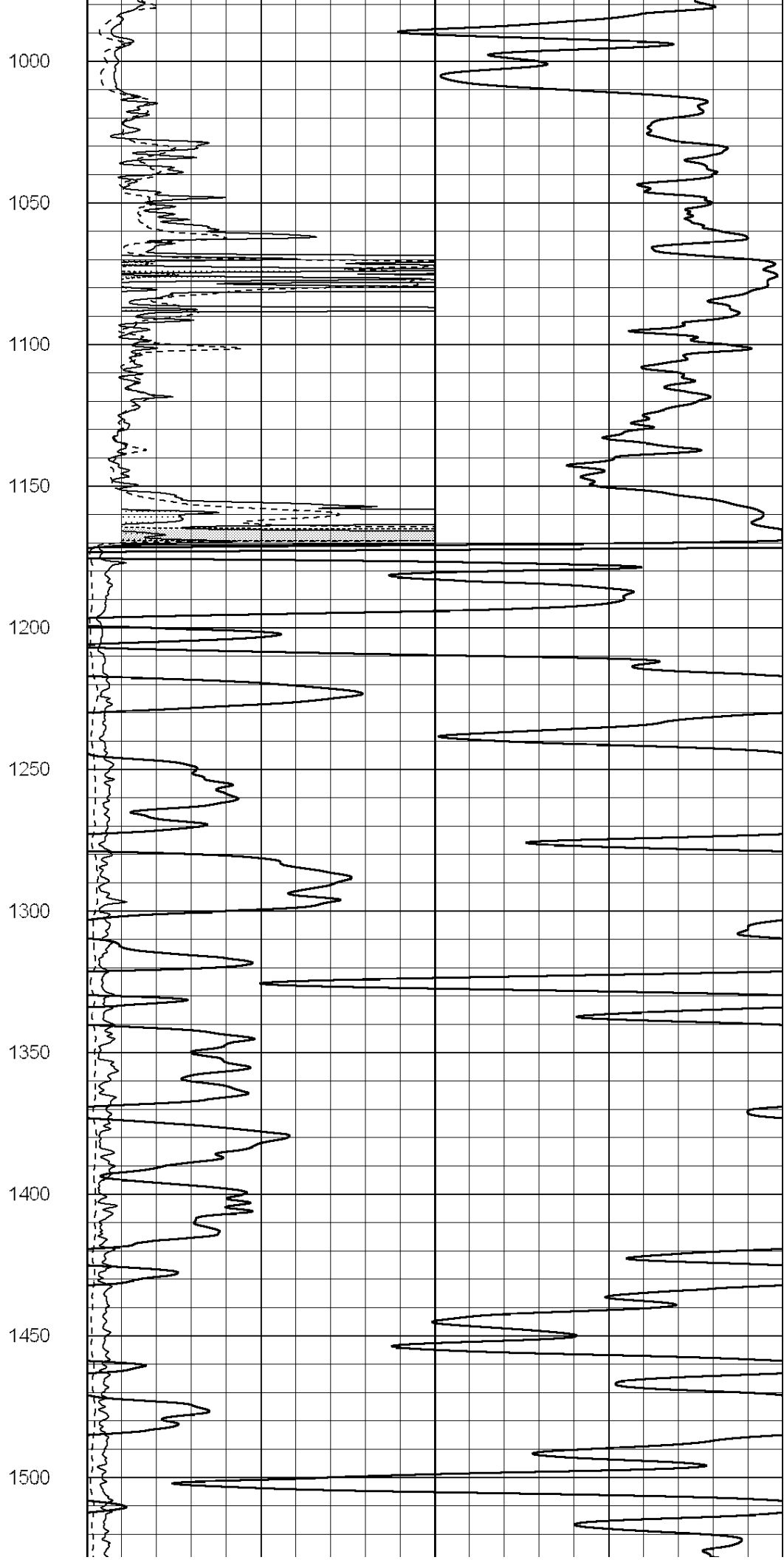
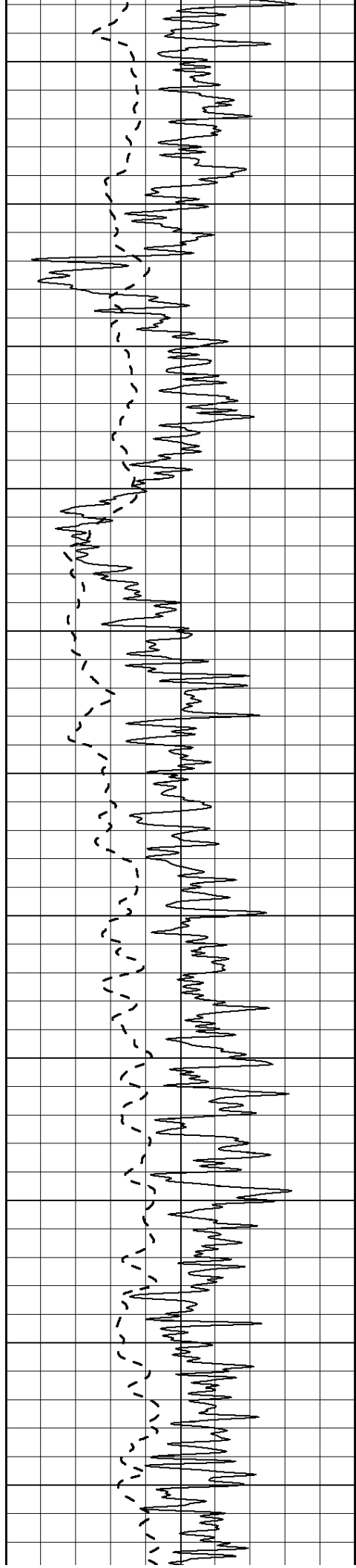
Depth in Feet scaled 1:600

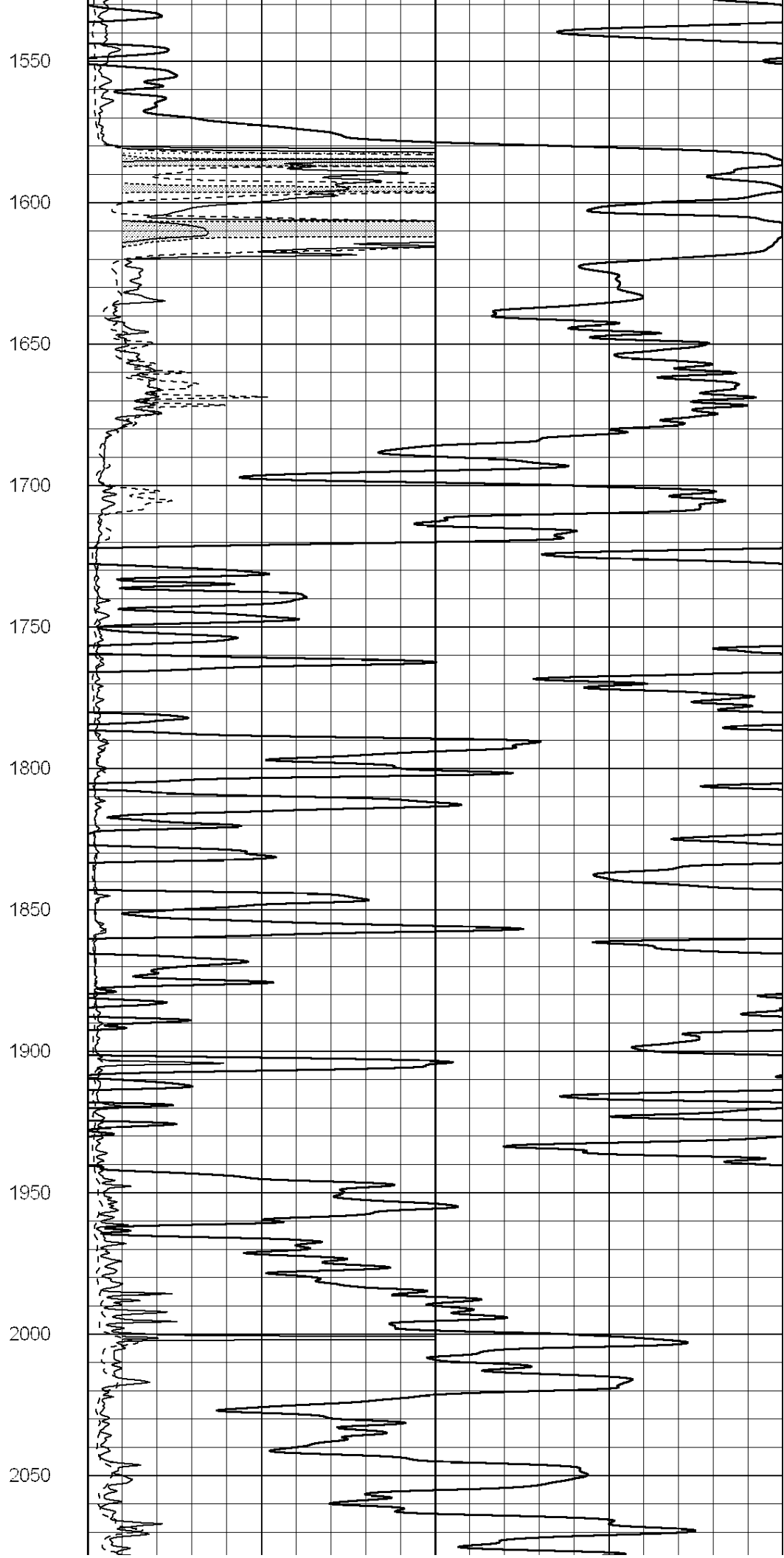
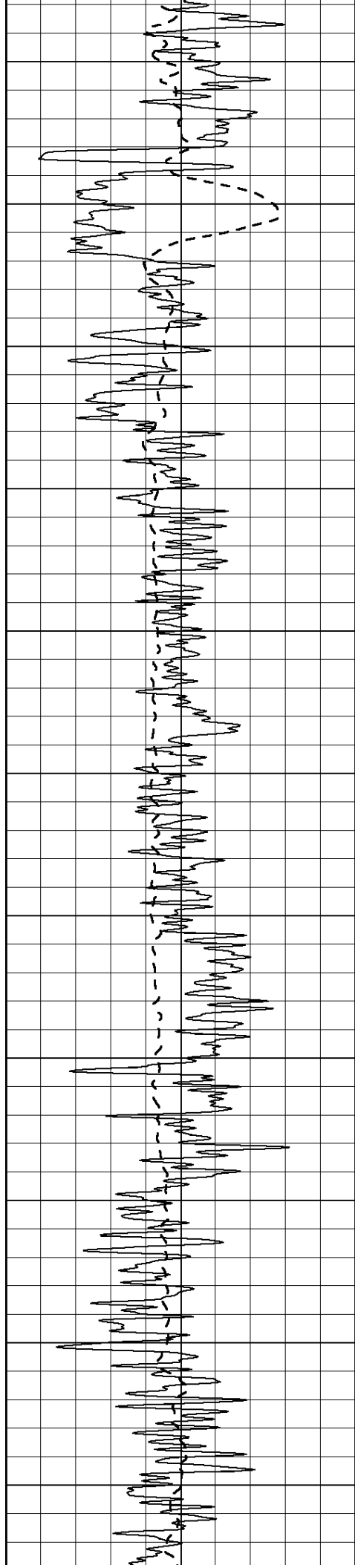
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-100	SP (mV)	100	0	Deep Induction (Ohm-m)	50
-----			-----		
			1000	CILD (mmho/m)	0
			50	RILD X10 (Ohm-m)	500
			50	RLL3 X10 (Ohm-m)	500
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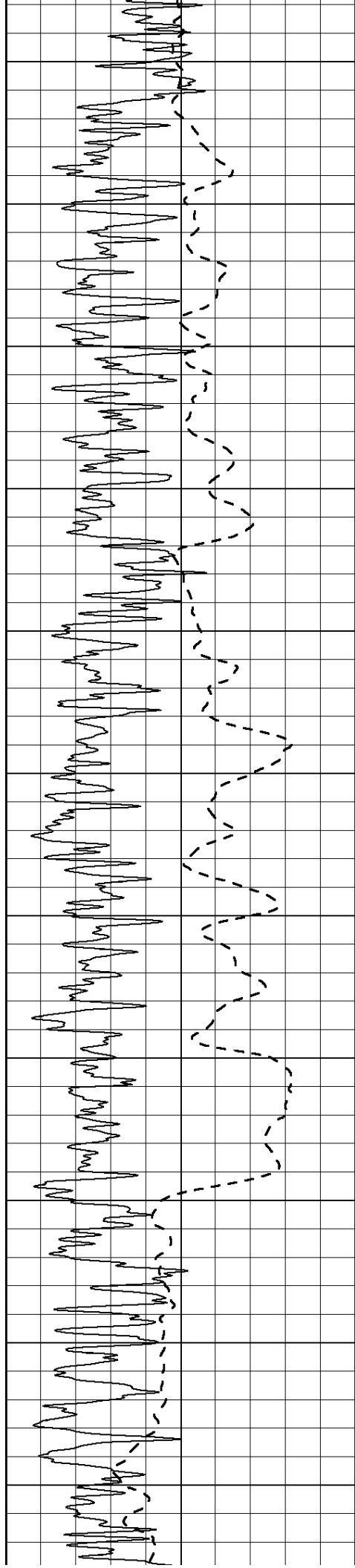


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500
550
600
650
700
750
800
850
900
950









2100

2150

2200

2250

2300

2350

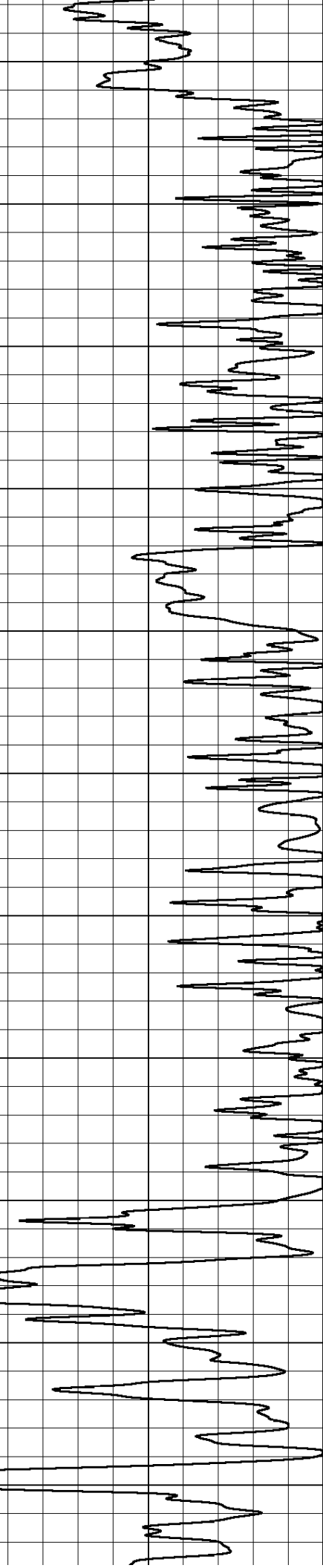
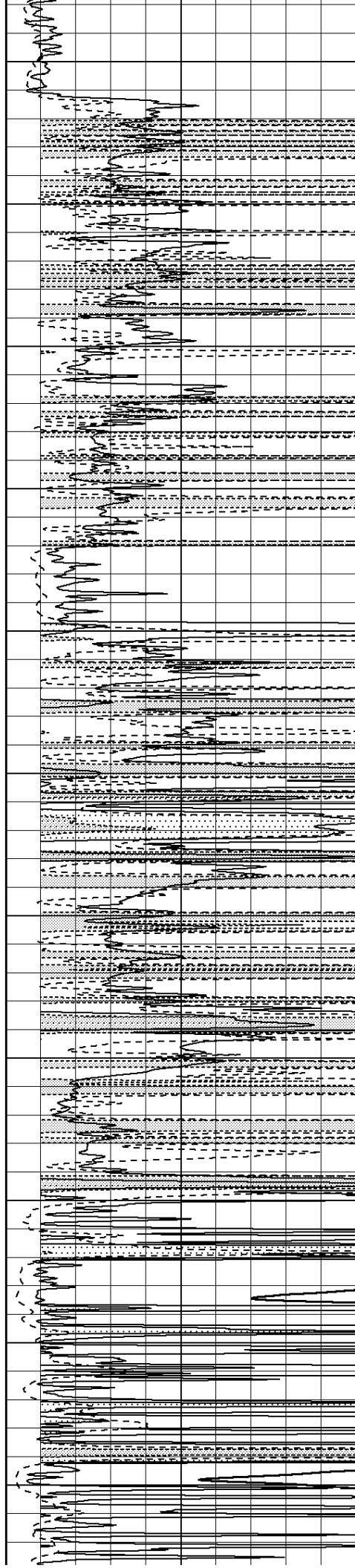
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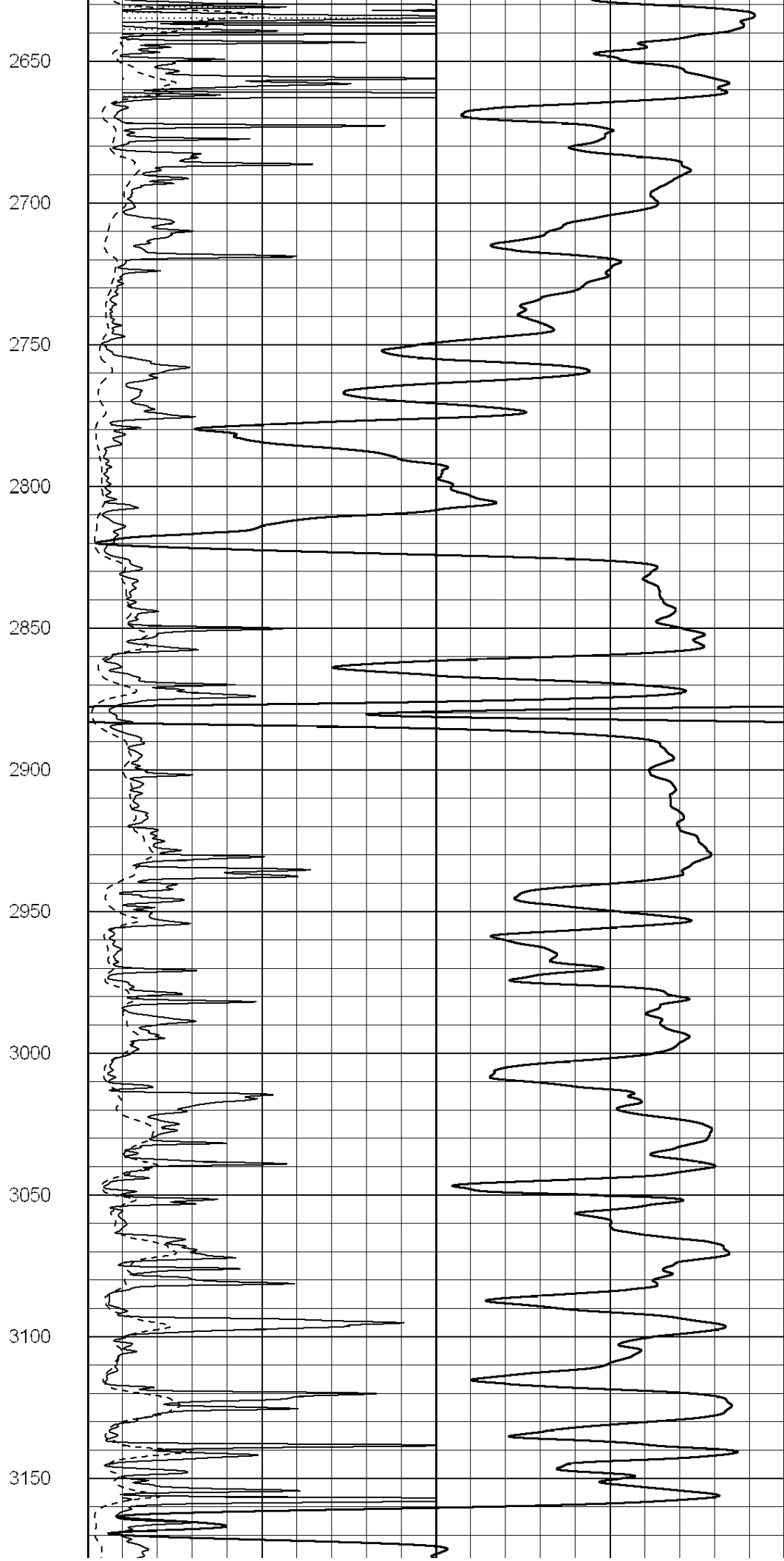
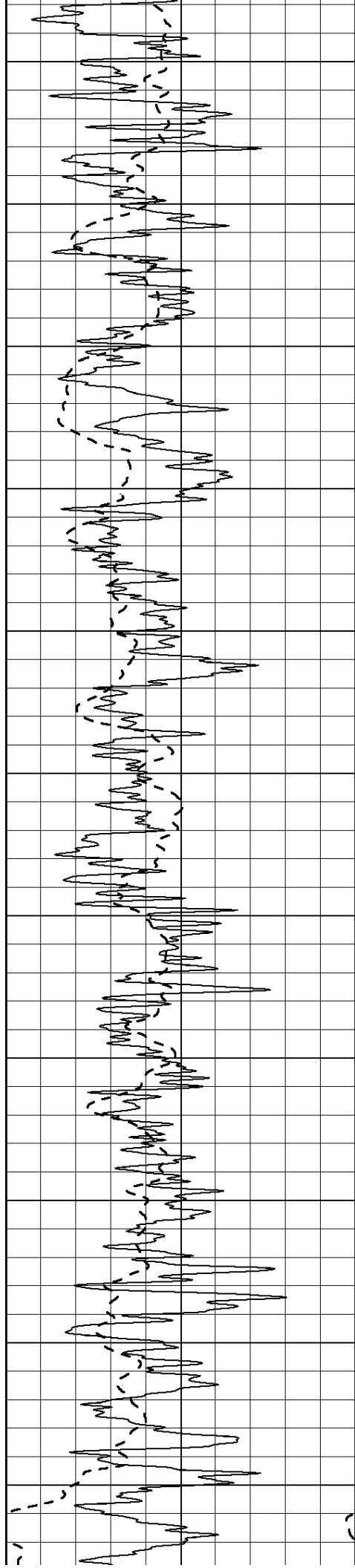
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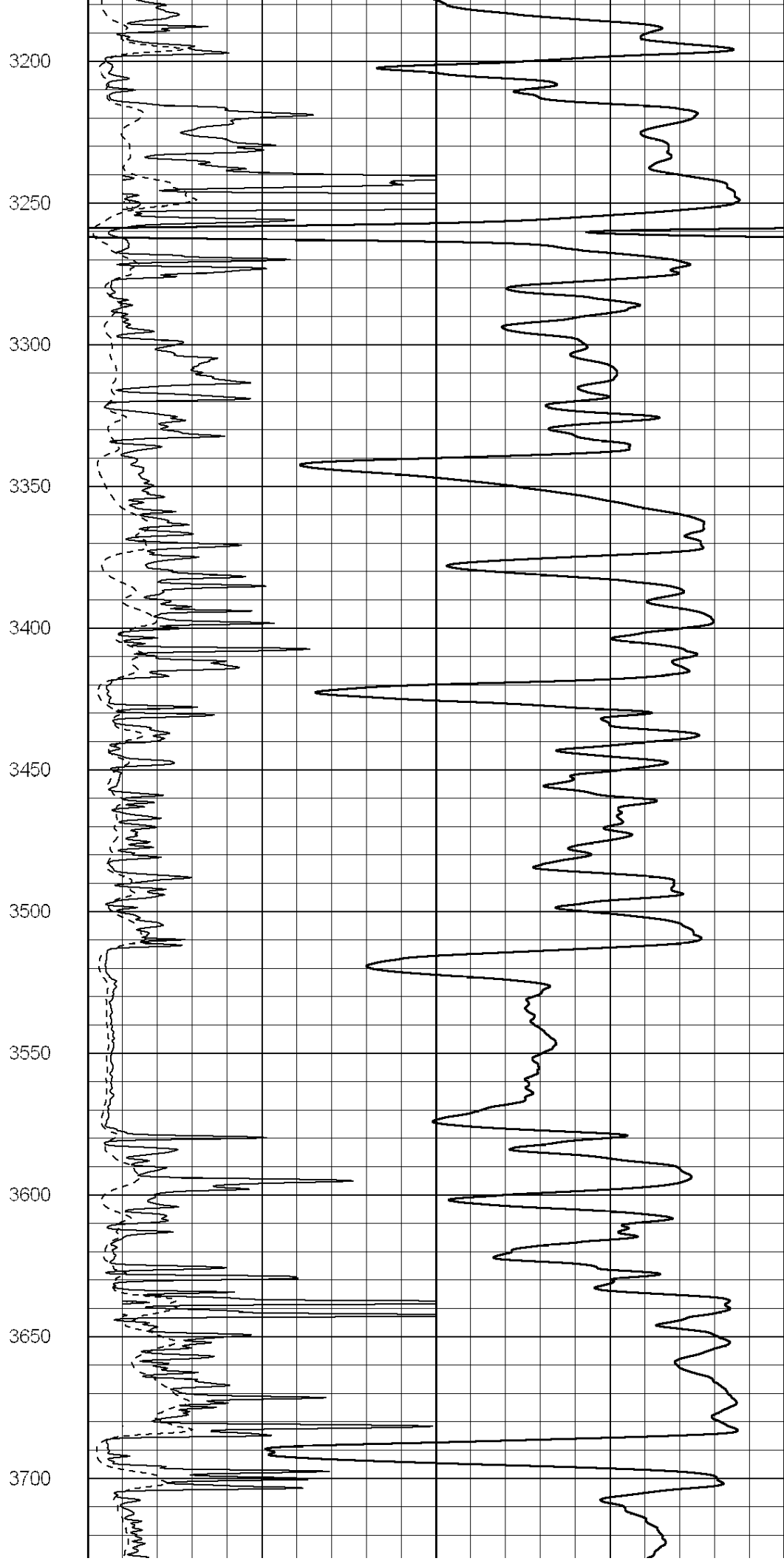
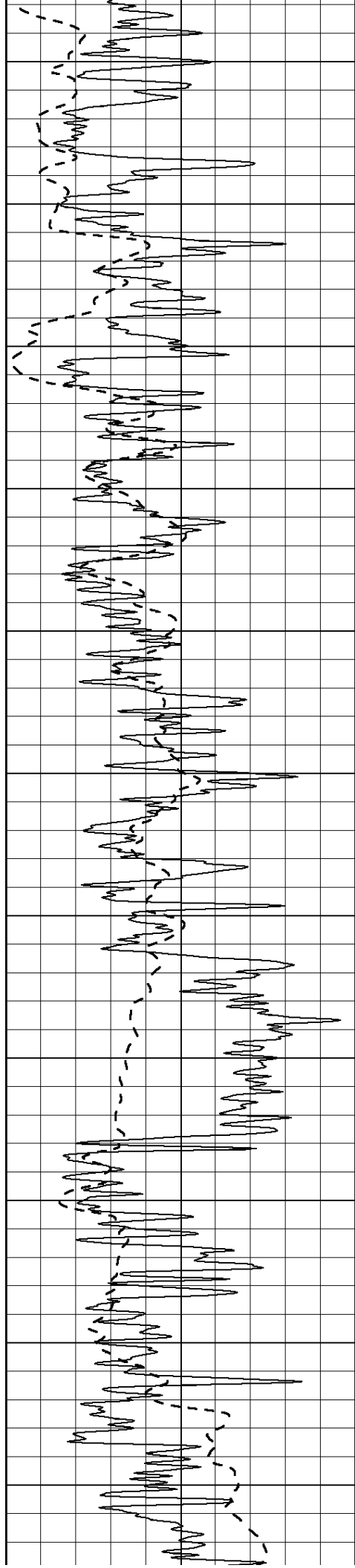
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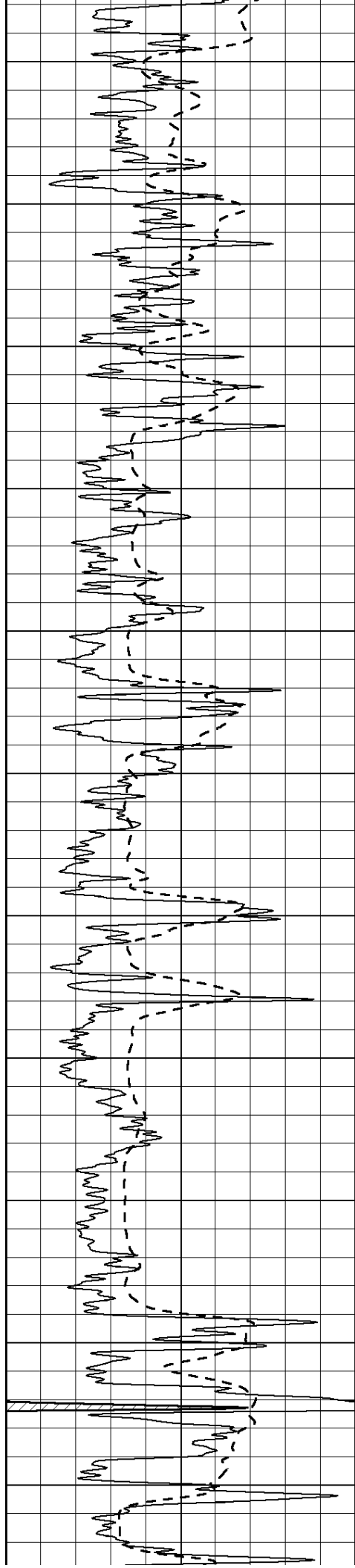
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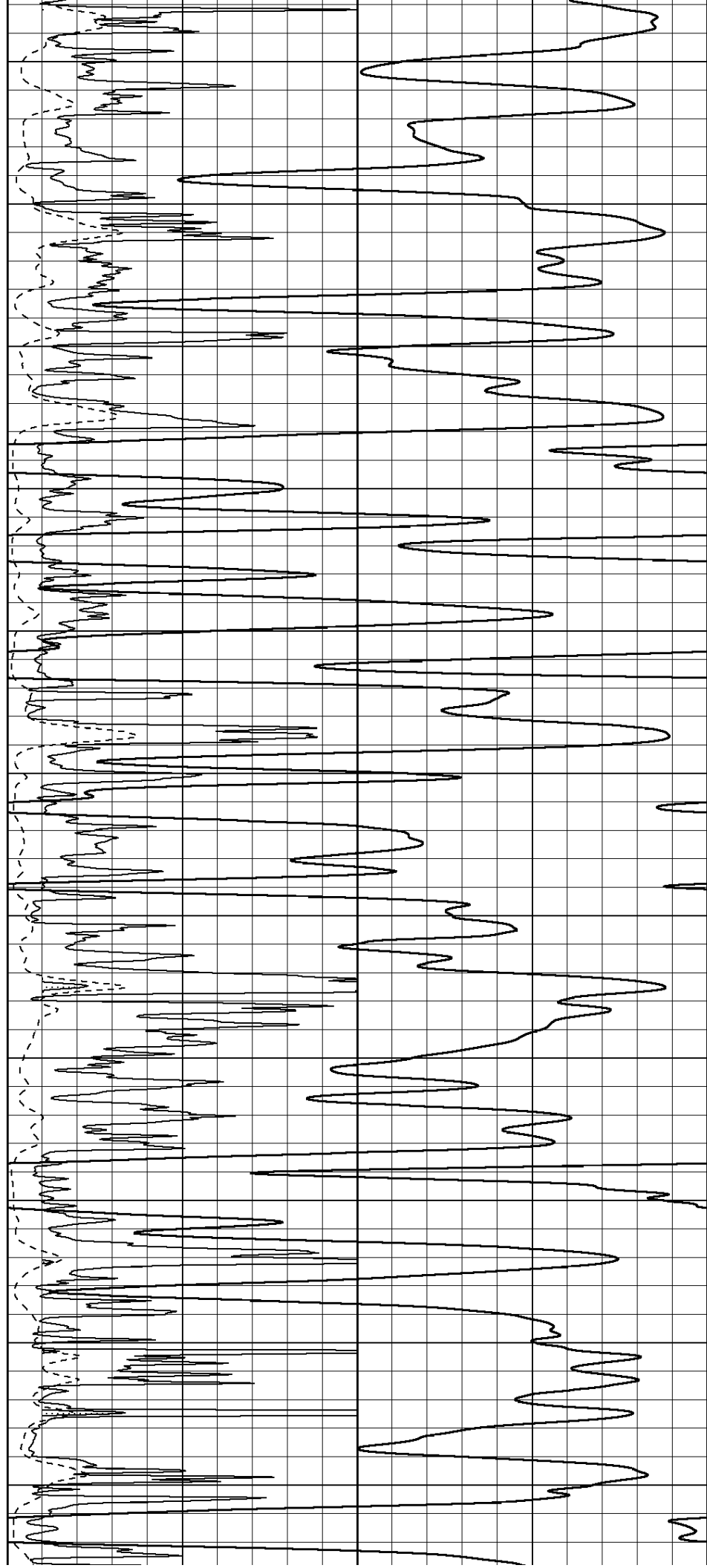
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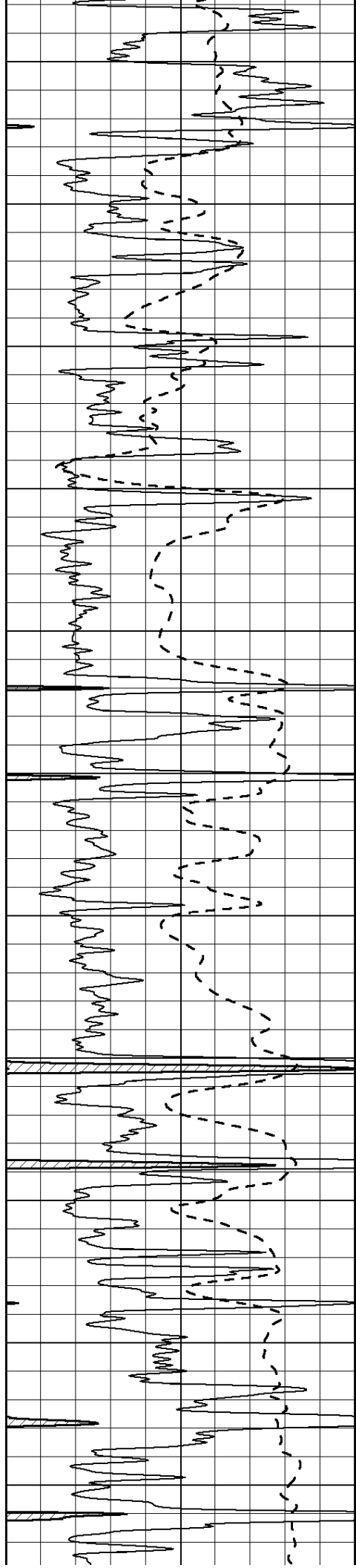
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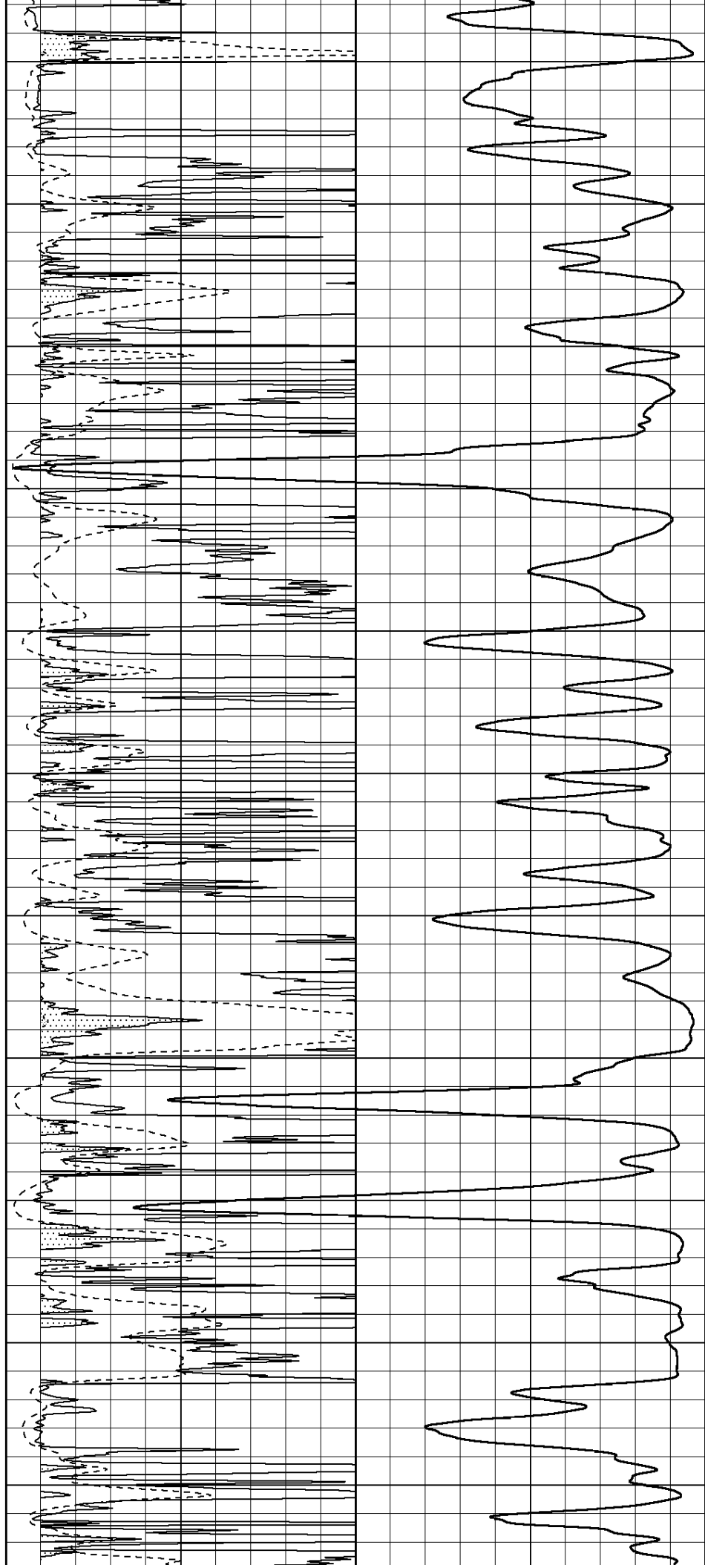
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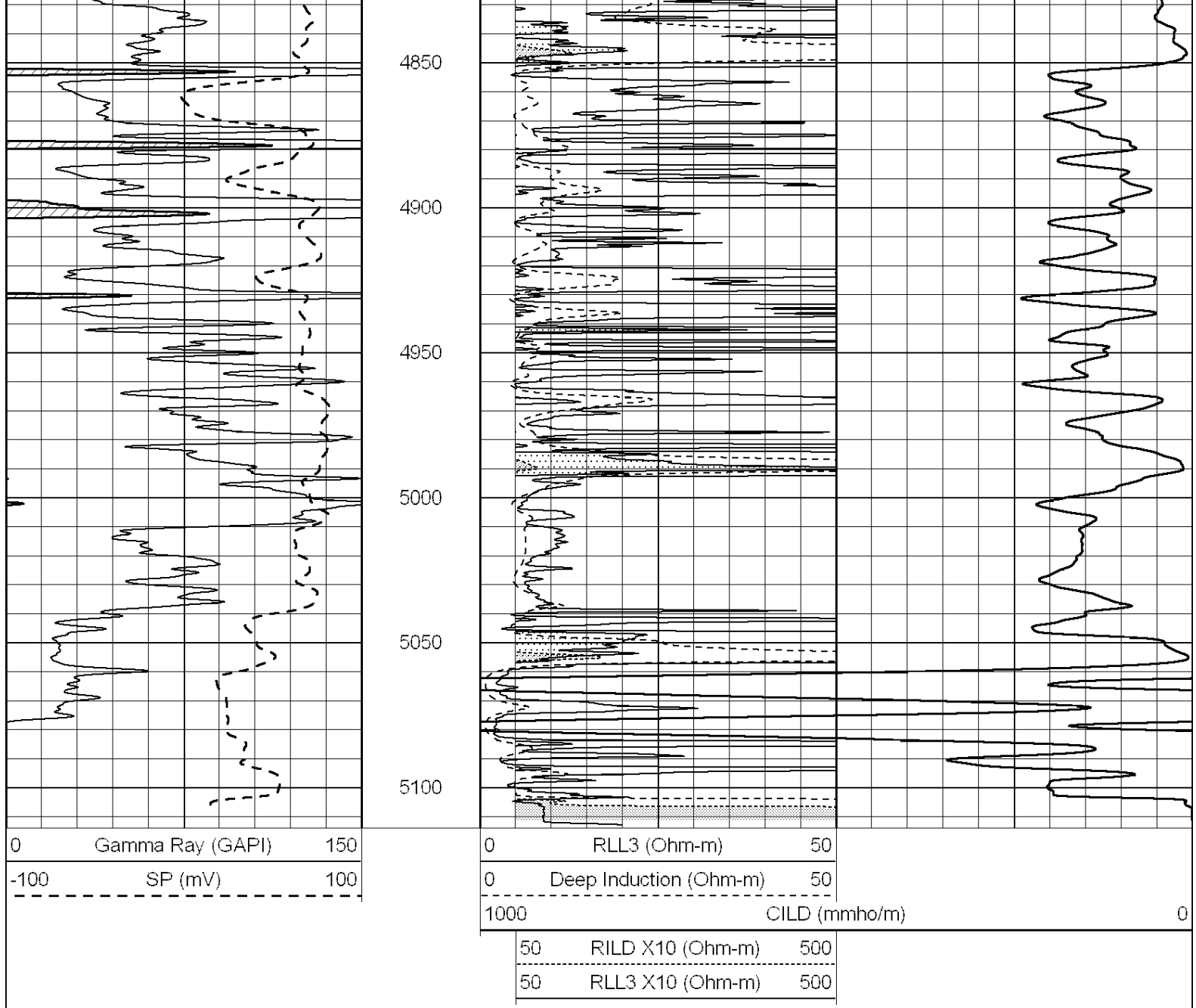
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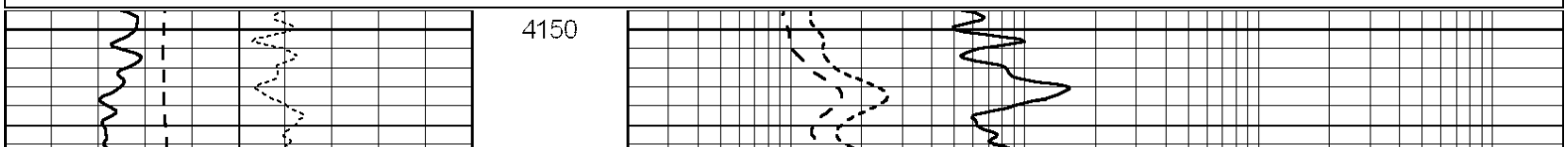


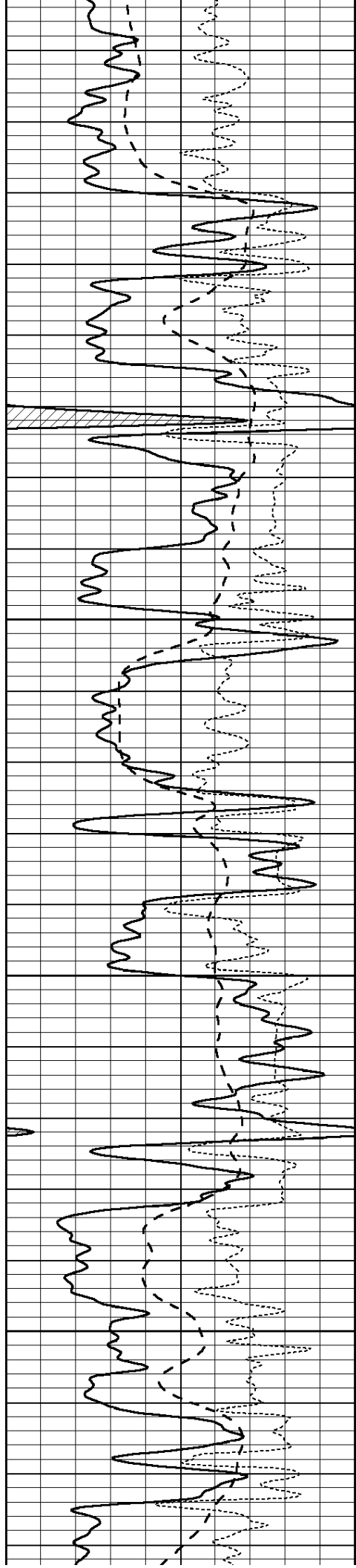
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MAIN SECTION

Database File: 010780pe.db
Dataset Pathname: pass3.1
Presentation Format: _dil
Dataset Creation: Sun May 05 16:24:45 2013 by Calc Open-Cased 090629
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	MEDIUM INDUCTION (Ohm-m)	2000
-250	Rxo/Rt	50	0.2	DEEP INDUCTION (Ohm-m)	2000



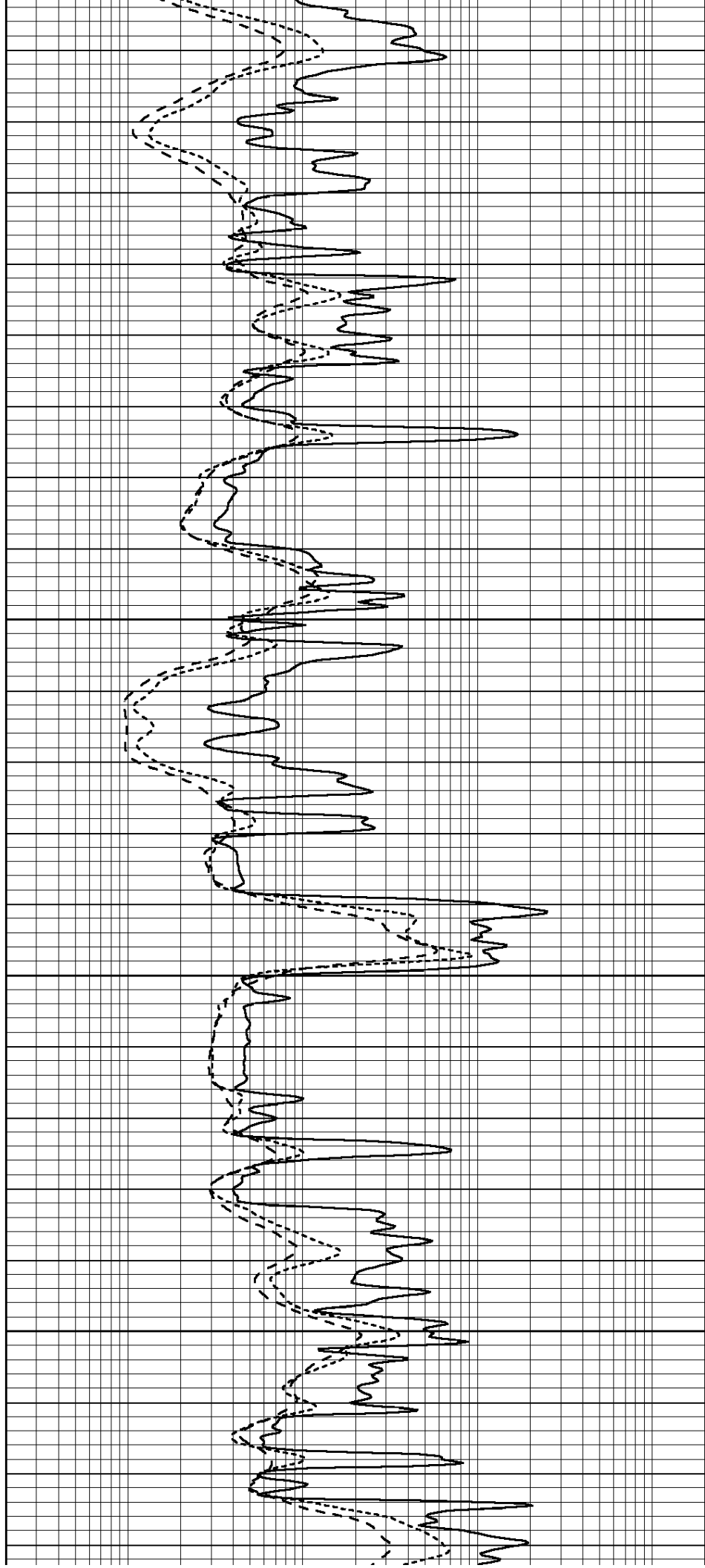


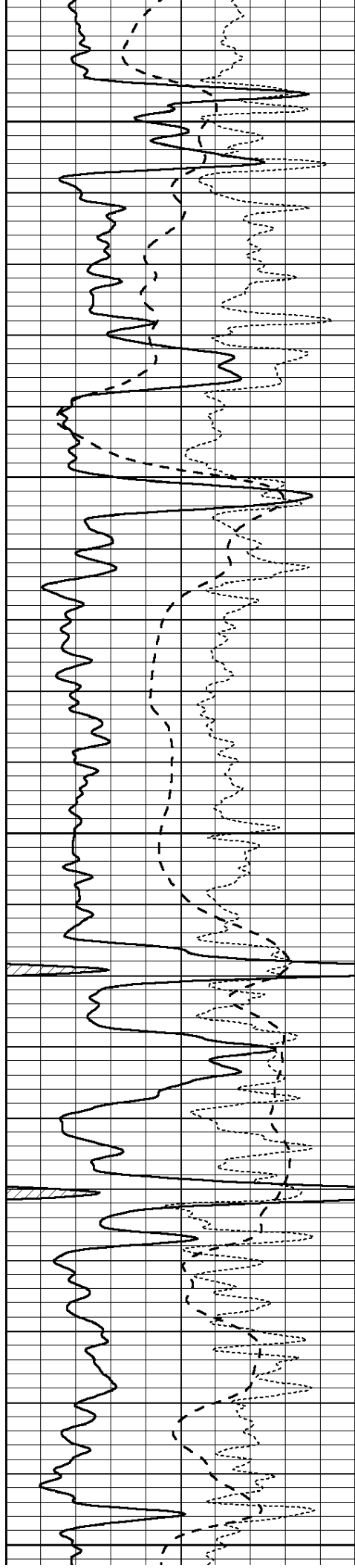
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4350





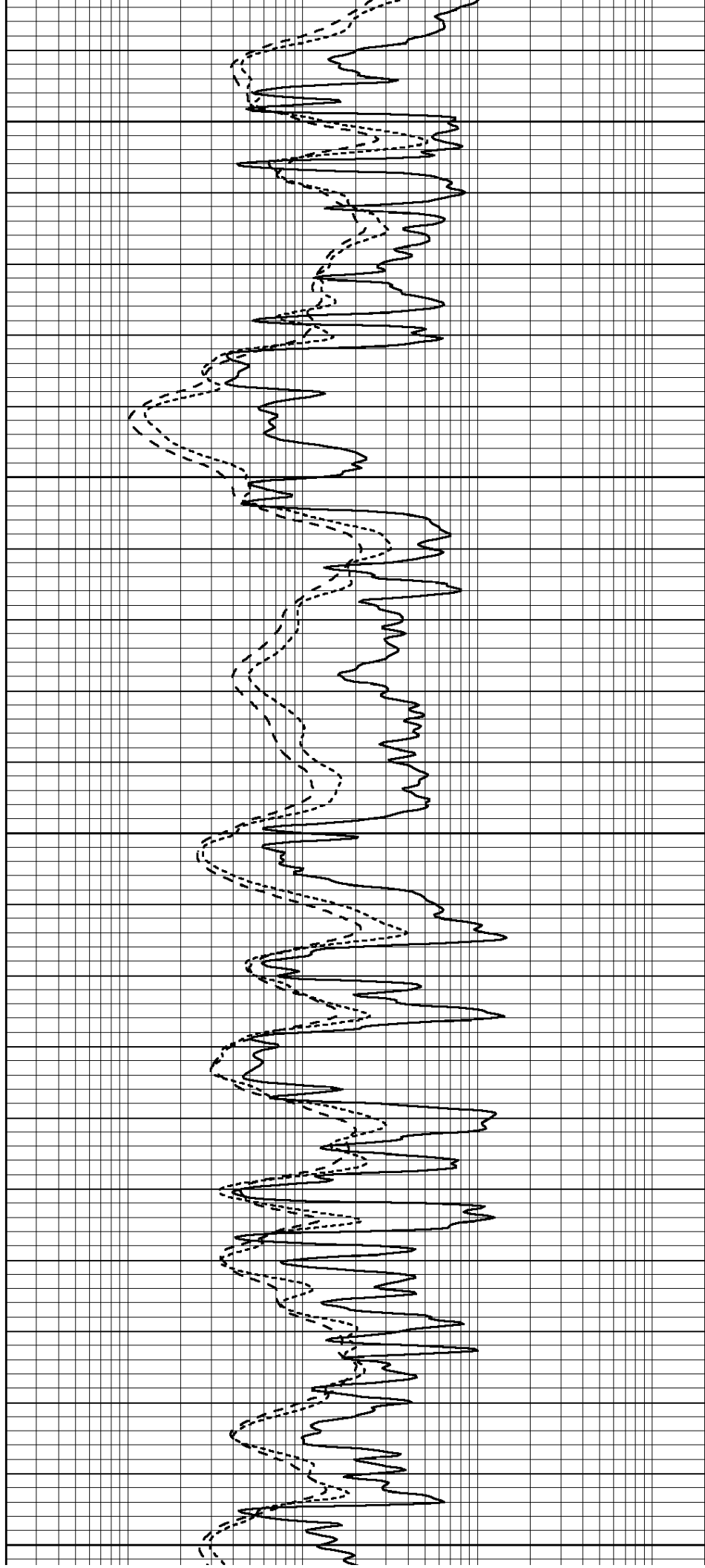
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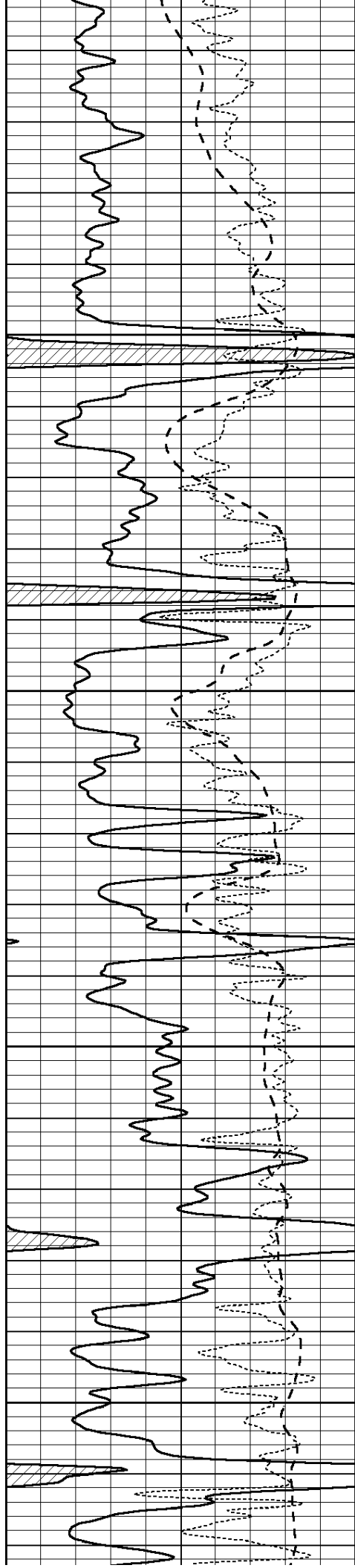
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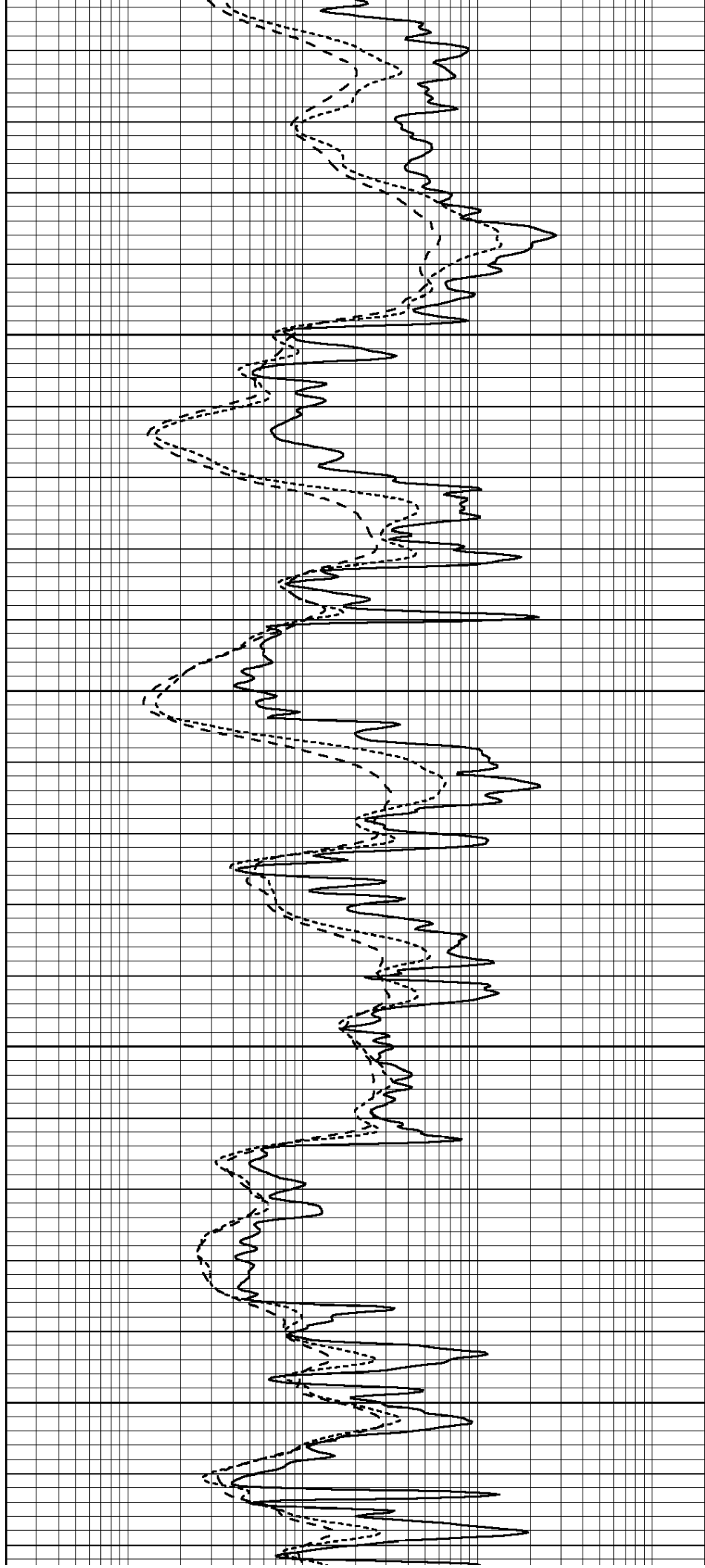


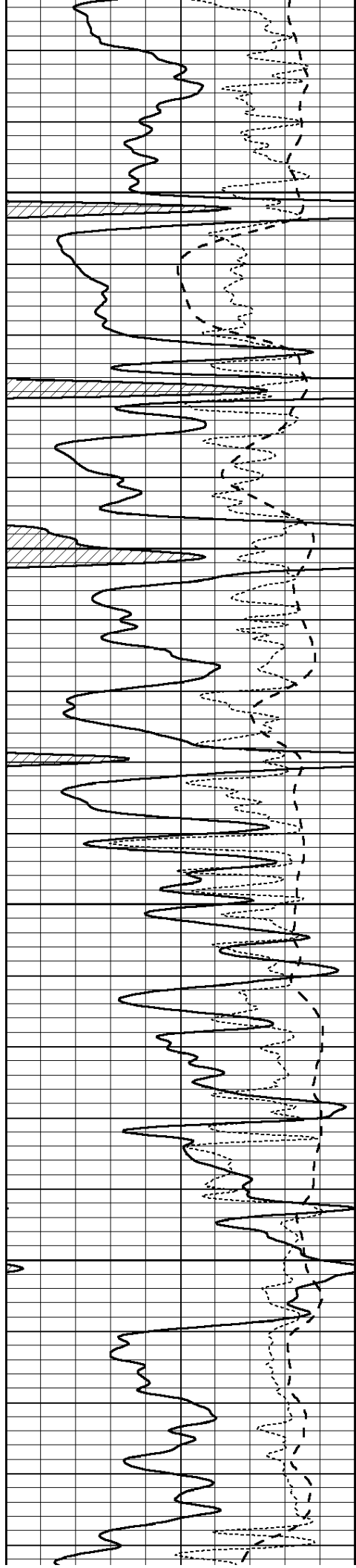
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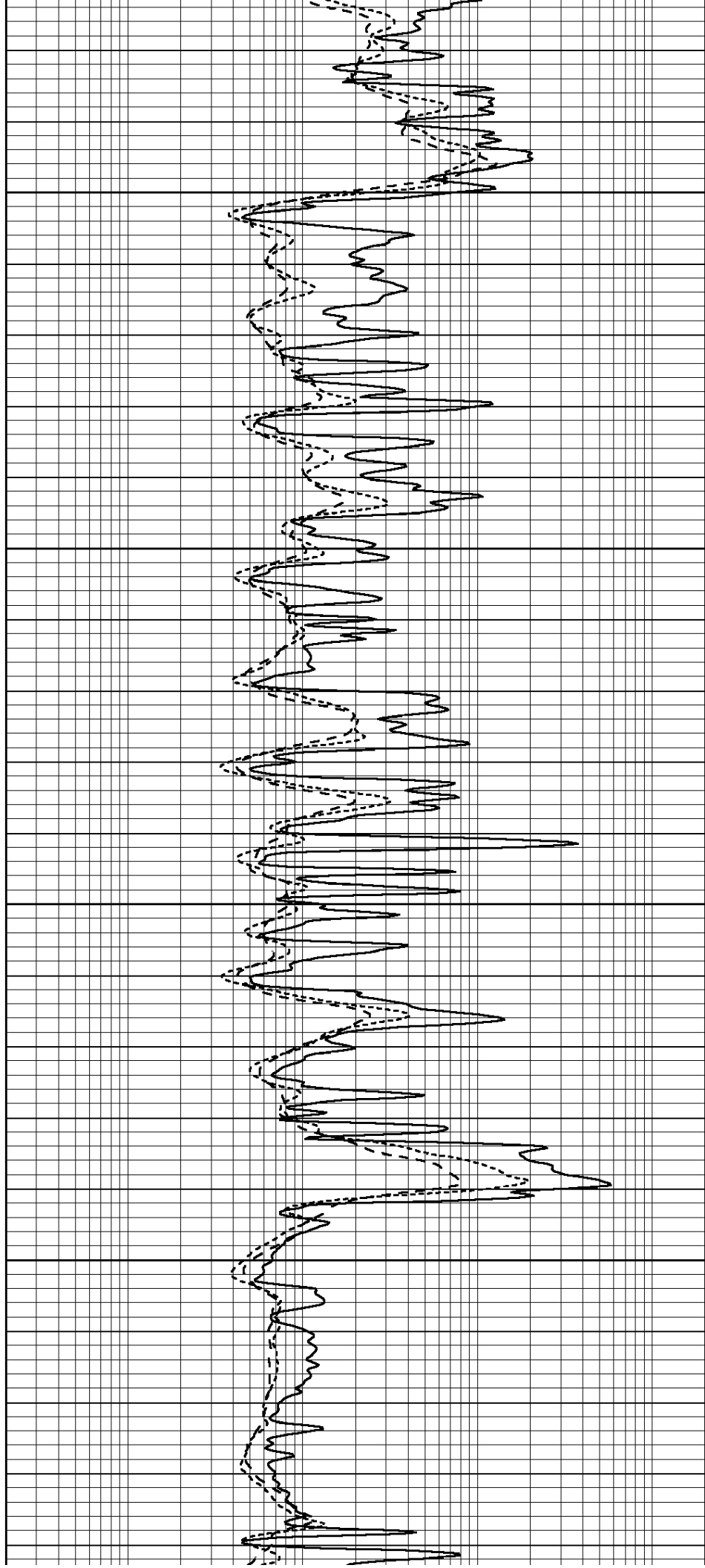


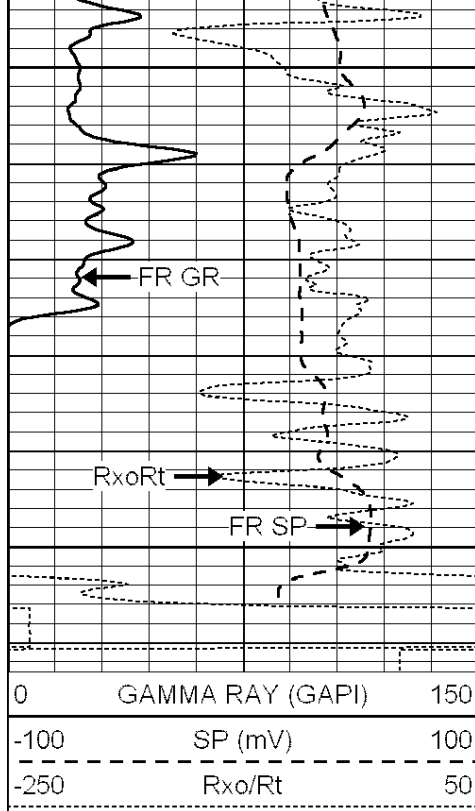
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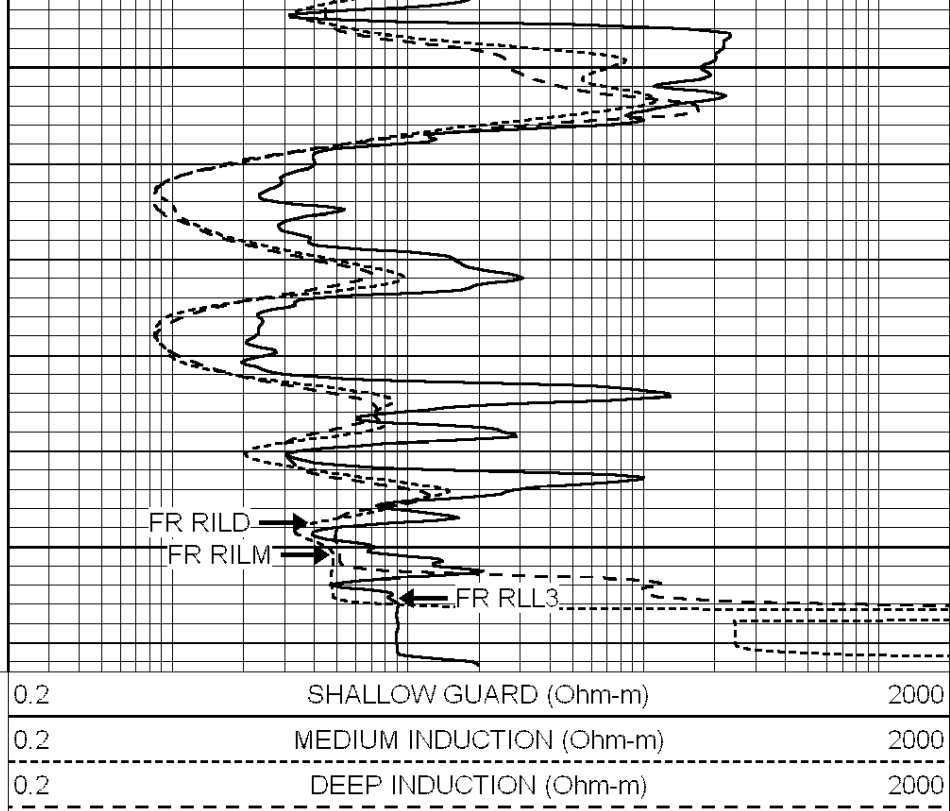




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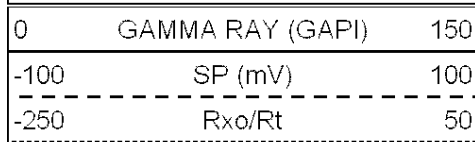
LTD 5108



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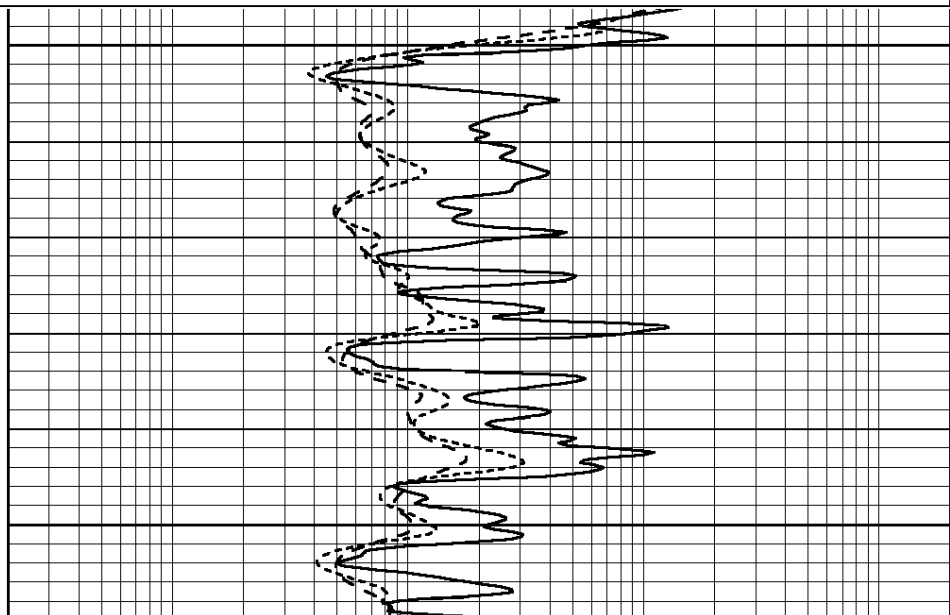
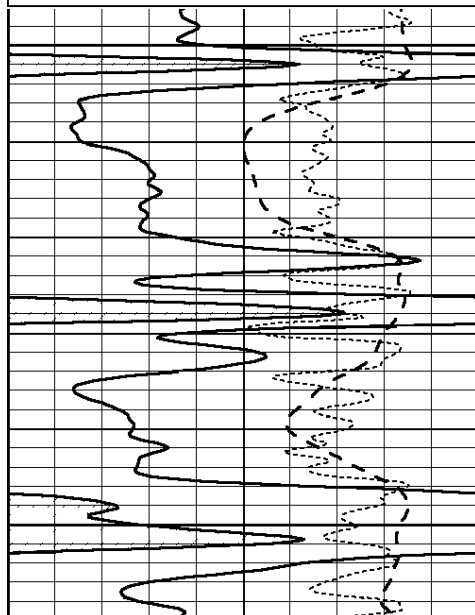
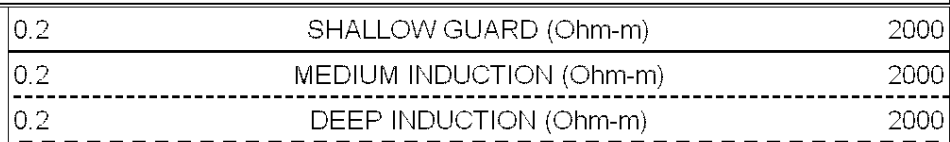
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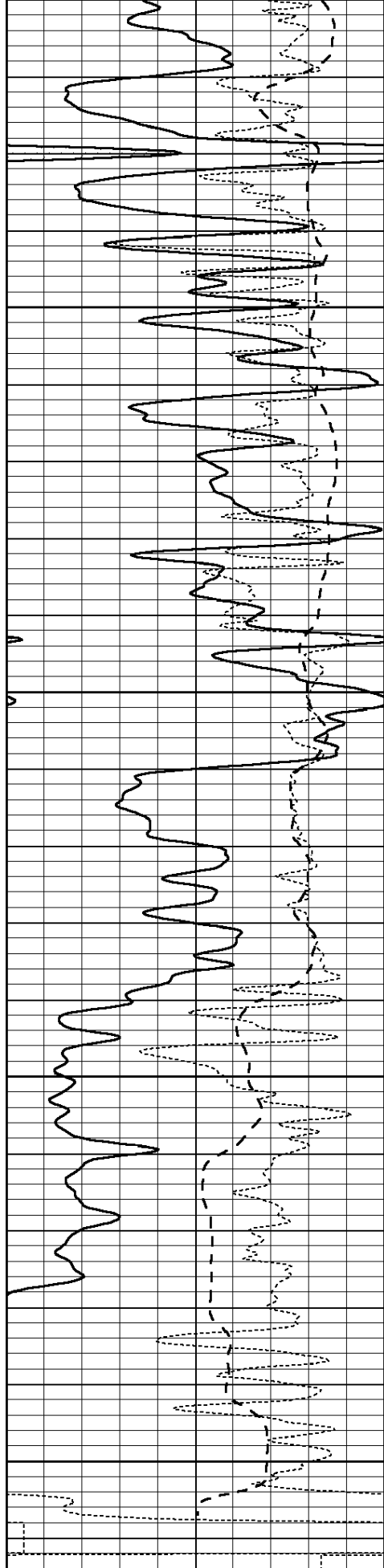
Database File: 010780pe.db
Dataset Pathname: pass2.1
Presentation Format: _dil
Dataset Creation: Sun May 05 16:11:20 2013 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240



4850

4900





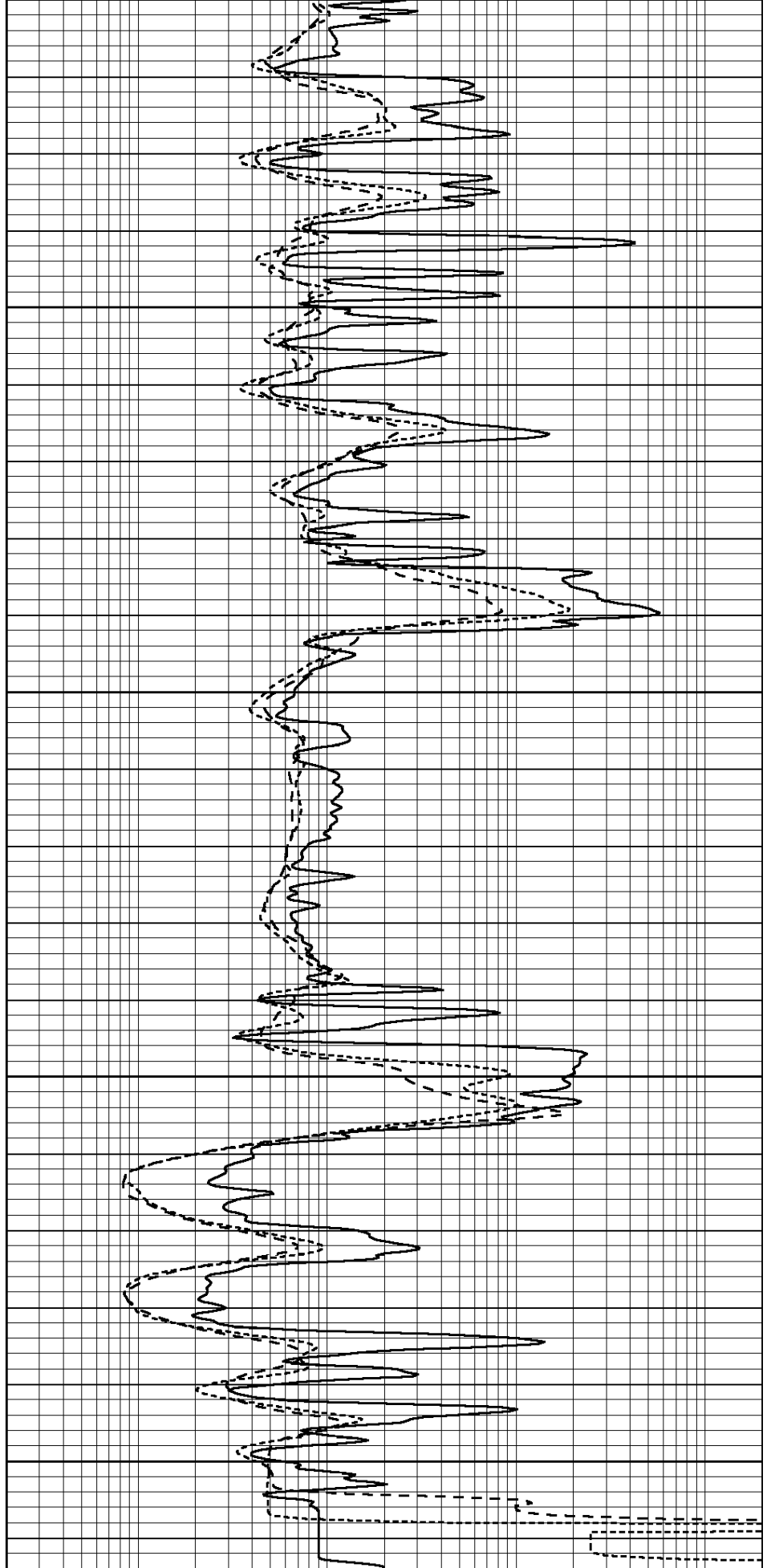
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5000

5050

5100

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



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

Calibration Report

Database File: 010780pe.db
Dataset Pathname: pass3.1
Dataset Creation: Sun May 05 16:24:45 2013 by Calc Open-Cased 090629

Dual Induction Calibration Report

Serial-Model: PROBE8-DILG
Surface Cal Performed: Fri Aug 01 06:33:19 2008
Downhole Cal Performed: Mon Jul 28 11:08:27 2008
After Survey Verification Performed: Mon Jul 28 11:08:27 2008

Surface Calibration

Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.015	0.648	V	0.000	400.000	mmho/m	632.616	-9.730
Medium	0.029	0.796	V	0.000	464.000	mmho/m	605.049	-17.680
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.017	0.657	V	0.000	400.000	mmho/m	625.153	-10.619
Medium	0.016	0.757	V	0.000	464.000	mmho/m	625.992	-9.739

Downhole Calibration

Readings				References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	2.011	405.777	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	7.590	503.393	mmho/m	1.000	0.000
LL3		7.500	V		1500.000	Ohm-m		
		0.000	V		20.000	Ohm-m		
		-7.200	V		3800.000	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: 001 Model: PRB
Performed Thu Sep 17 09:57:21 2009

Litho Density Calibration

	Background	Magnesium	Aluminum	Sandstone	
Window 1	2056.0	9796.8	3673.1	10821.3	cps
Window 2	1920.0	8541.1	3303.5	9307.2	cps
Window 3	1563.1	4735.7	2212.8	5017.5	cps
Window 4	466.0	466.1	465.6	471.5	cps
Long Space	0.0	6621.1	1383.5	7387.2	cps
Short Space	2.5	2361.7	1523.2	2534.0	cps
Rho		1.7100	2.5900	1.3800	g/cc
Pe			2.5700	1.5500	

Rib Angle	: 44.4	Rib Slope	: 0.978	Density/Spine Ratio	: 0.541
Spine Angle	: 74.4	Spine Slope	: 3.570	Spine Intercept	: -18.9

Caliper			
Low Ref	Readings	Reference	
High Ref	3.1	8.4	
	4.3	14.3	
	Gain: 4.6		Offset: -7.2

Compensated Neutron Calibration Report

Serial Number:	6I
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:	#8	
Tool Model:	OPEN	
Performed:	Mon Jun 13 16:56:43 2011	
Calibrator Value:	150.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	175.0	cps
Sensitivity:	0.8371	GAPI/cps