



**COMPLETION
& PRODUCTION
SERVICES CO.**

**COMPENSATED
DENSITY / NEUTRON
LOG**

Company	RITCHIE EXPLORATION INC.	Company	RITCHIE EXPLORATION INC.
Well	KONDA 11C #1	Well	KONDA 11C #1
Field	WILDCAT	Field	WILDCAT
County	FORD	County	FORD
State	KANSAS	State	KANSAS
Location:	API # : 15-057-20945-00-00 S2 - NW - SW 1700' FSL & 650' FWL	Other Services	DIL
Permanent Datum	GROUND LEVEL	Elevation	2383
Log Measured From	KELLY BUSHING 13' A.G.L.	D.F.	2394
Drilling Measured From	KELLY BUSHING	G.L.	2383
Date	11/1/14		
Run Number	ONE		
Depth Driller	5255		
Depth Logger	5258		
Bottom Logged Interval	5234		
Top Log Interval	3400		
Casing Driller	8 5/8 @ 397'		
Casing Logger	400'		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.1/74	CHLORIDES	12,200 PPM
pH / Fluid Loss	9.5/11.2		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.50 @ 85F		
Rmf @ Meas. Temp	0.38 @ 85F		
Rmc @ Meas. Temp	0.60 @ 85F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	0.33 @ 127F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	127F		
Equipment Number	3802		
Location	HAYS, KS.		
Recorded By	IAN MABB		
Witnessed By	MAX LOVELY		

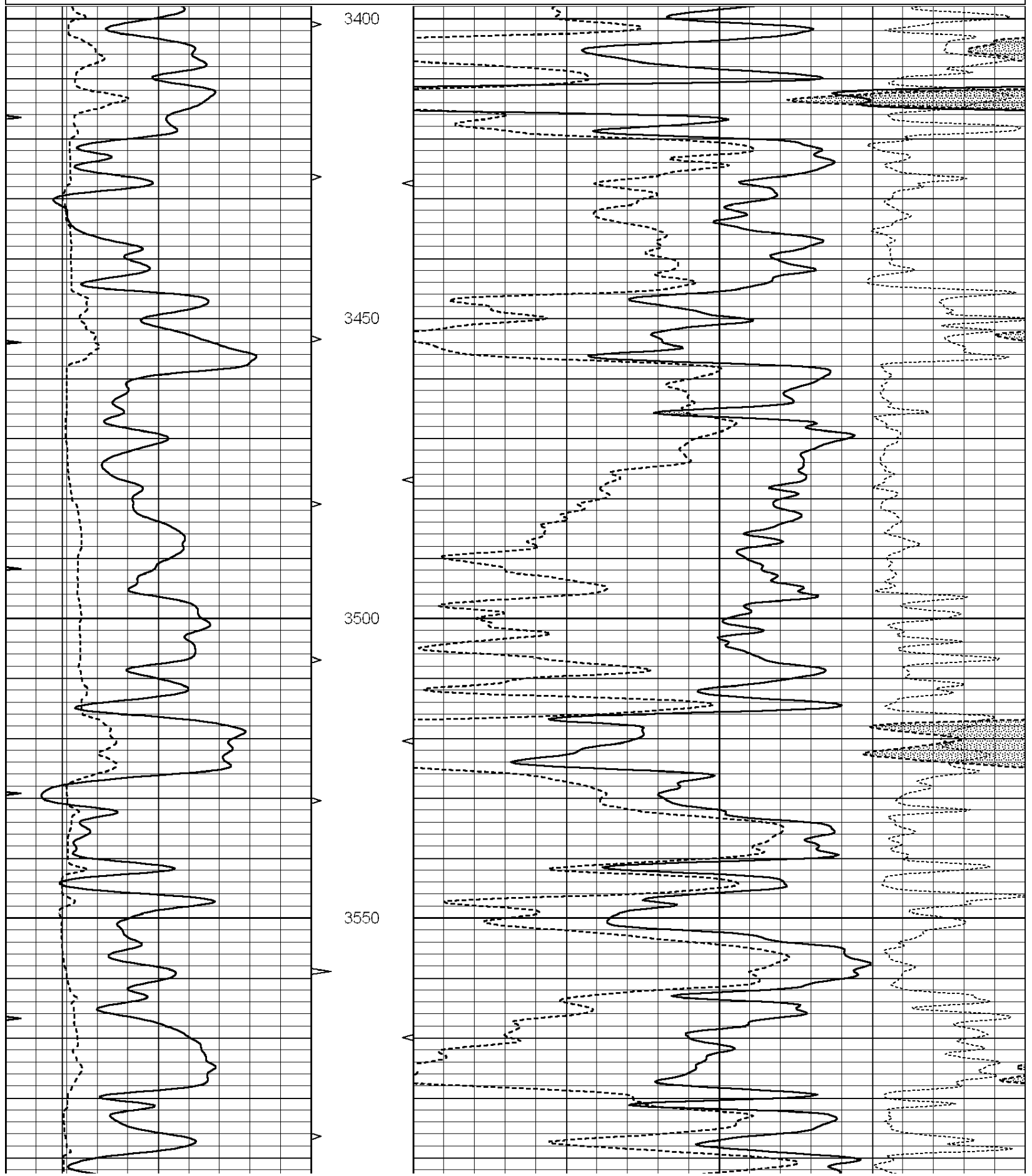
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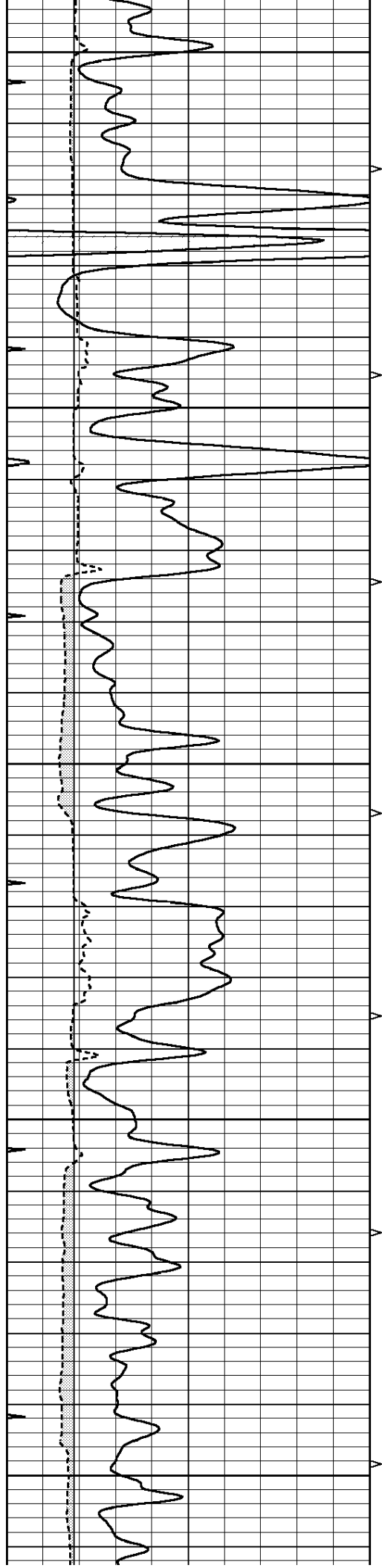
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 CO.
785 (628 - 6395)
THANK YOU FOR YOUR BUSINESS
DIRECTIONS : FORD, KS. - FROM 6TH ST. - EAST 3 MILES - SOUTH 1 1/4 MILE - EAST INTO

0	GAMMA RAY (GAPI)	150	AVTX	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3) 0	30	COMPENSATED NEUTRON (pu)	-10
0	MINMK	20	BVTX		-0.25 CORRECTION (g/cc)	0.25
			0 (ft3) 10			





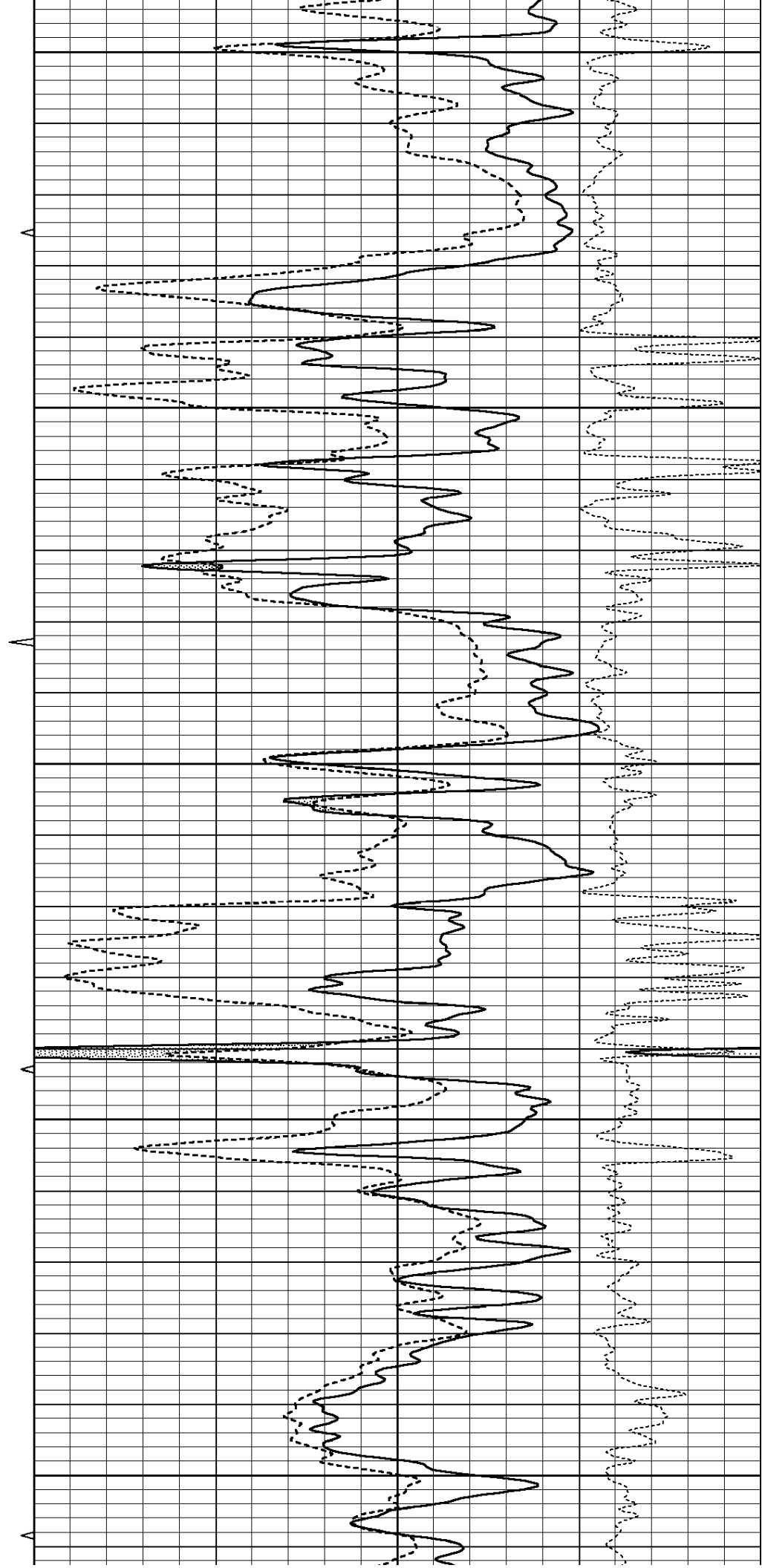
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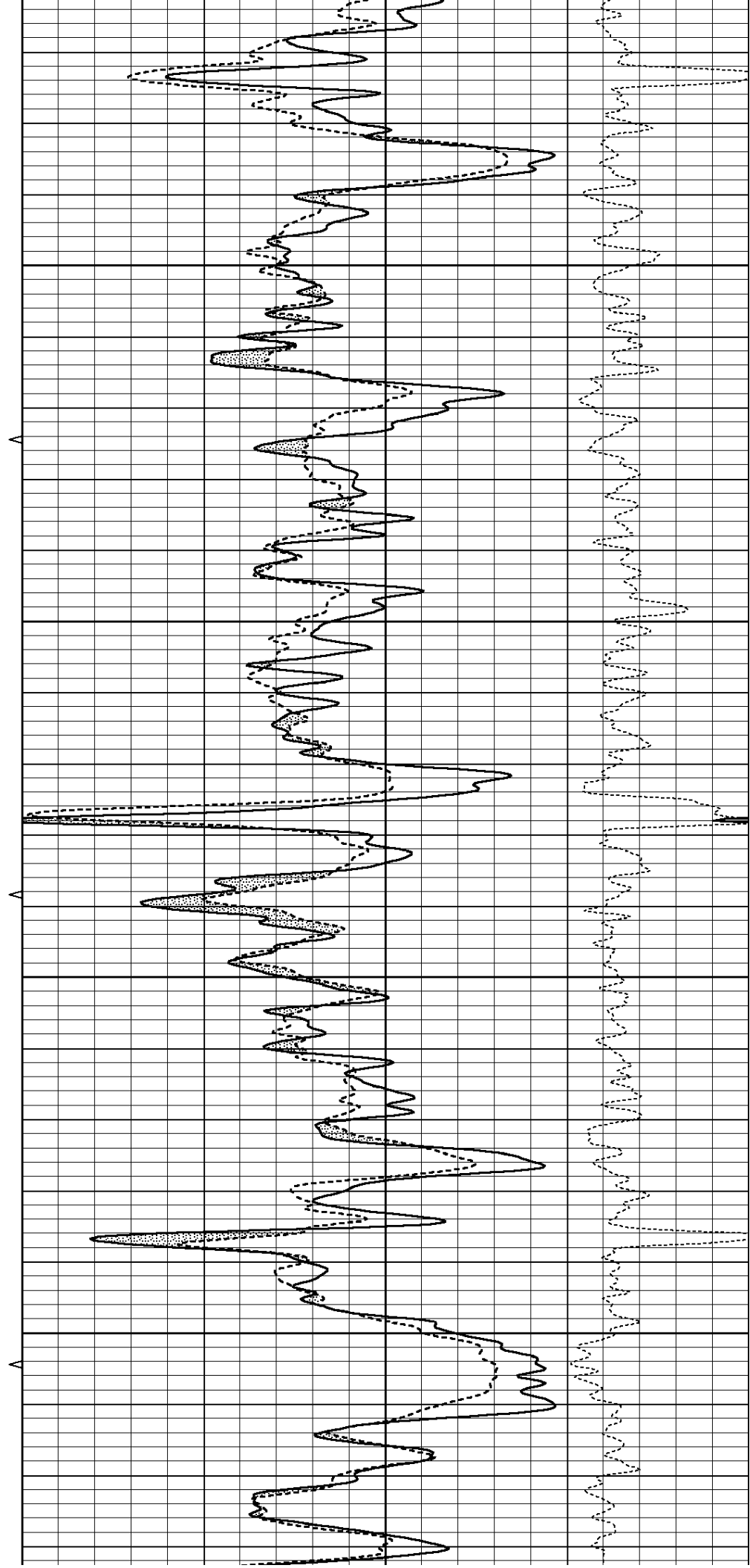
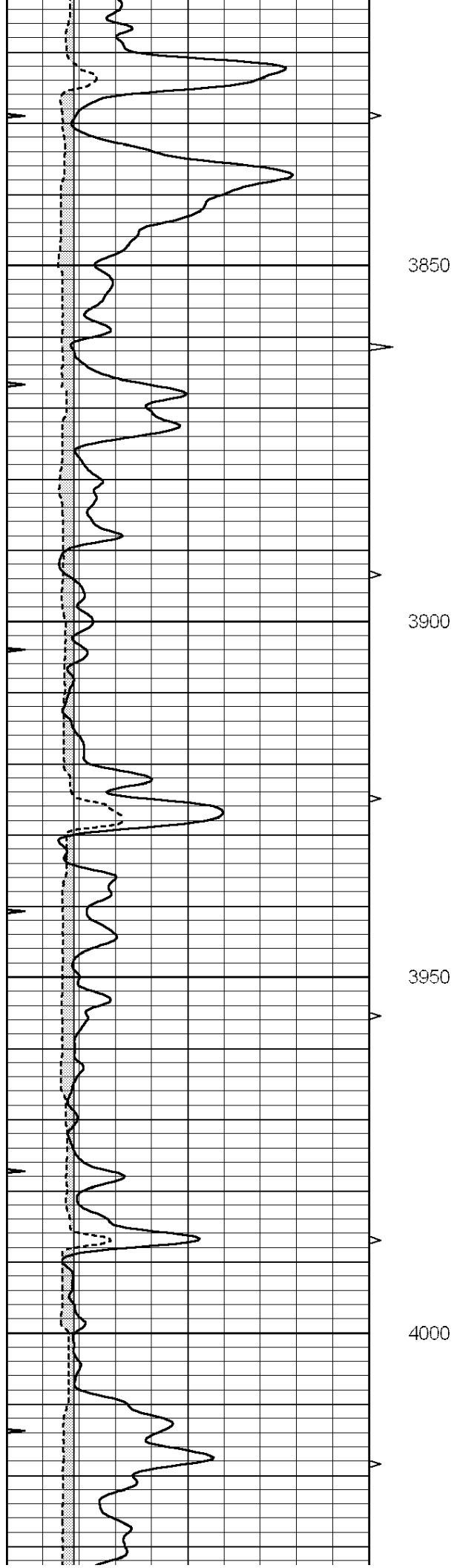
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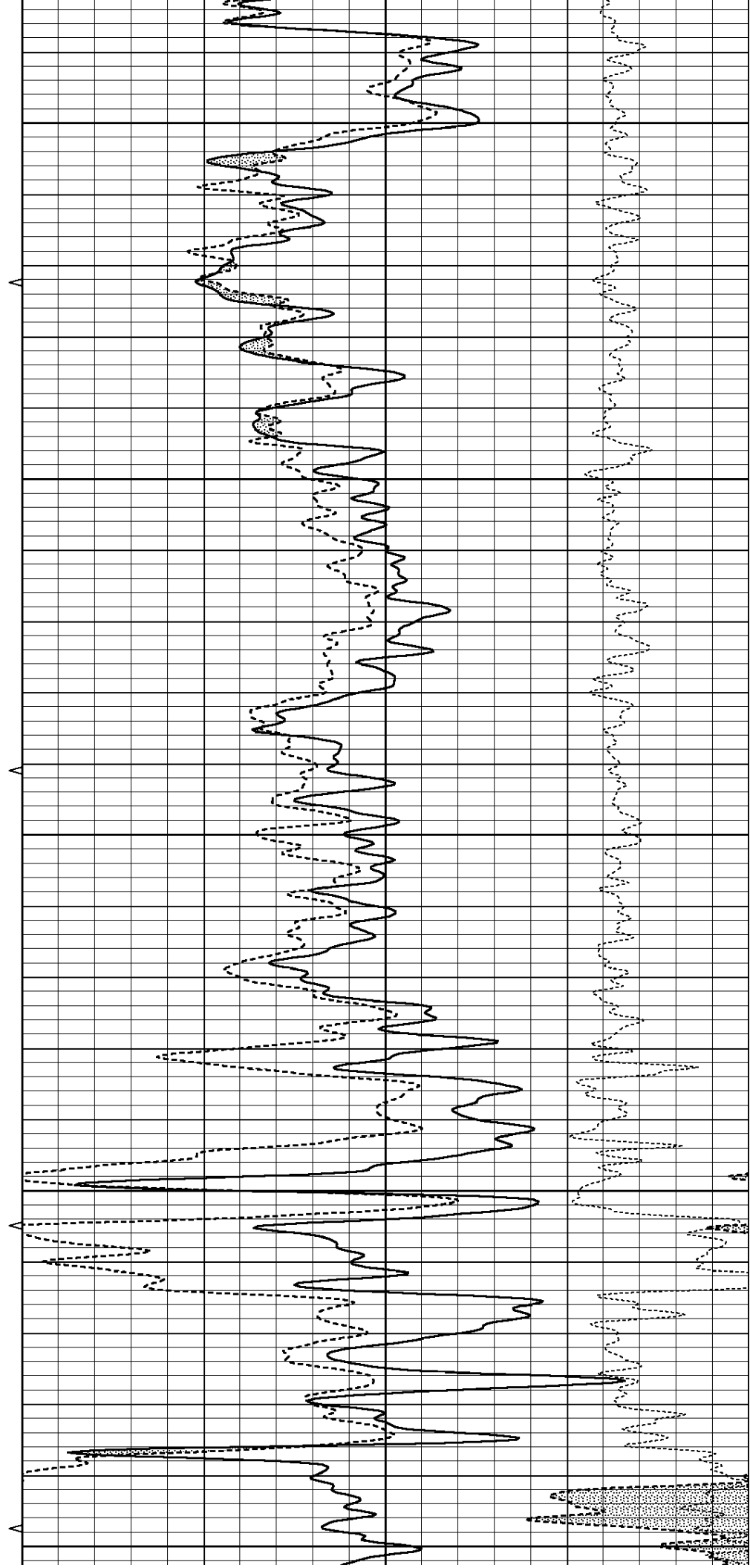
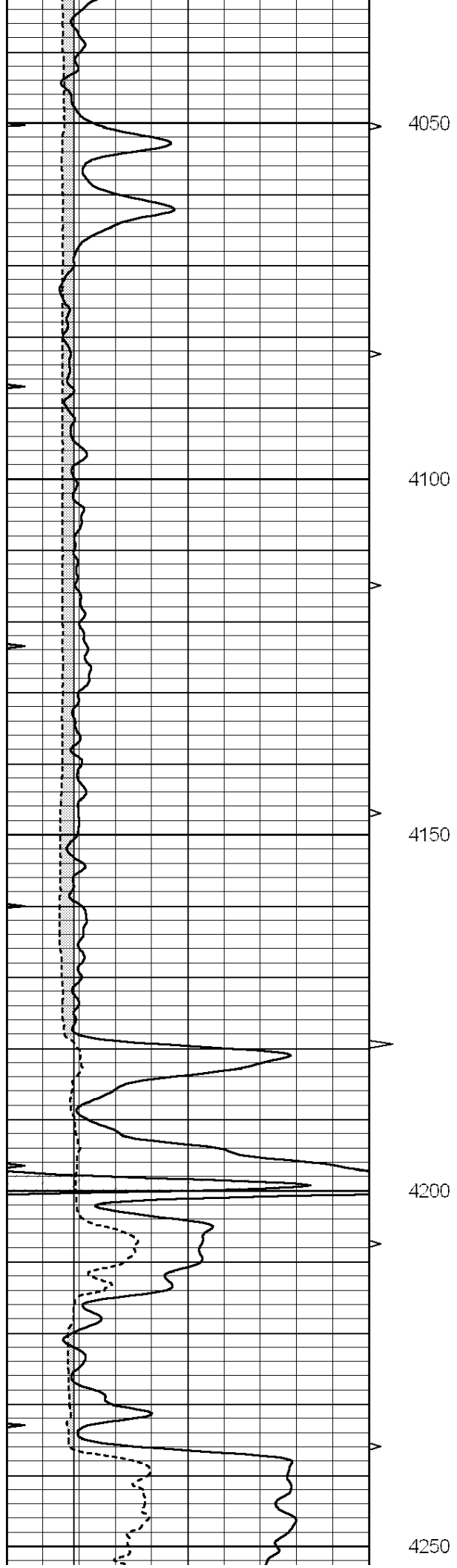
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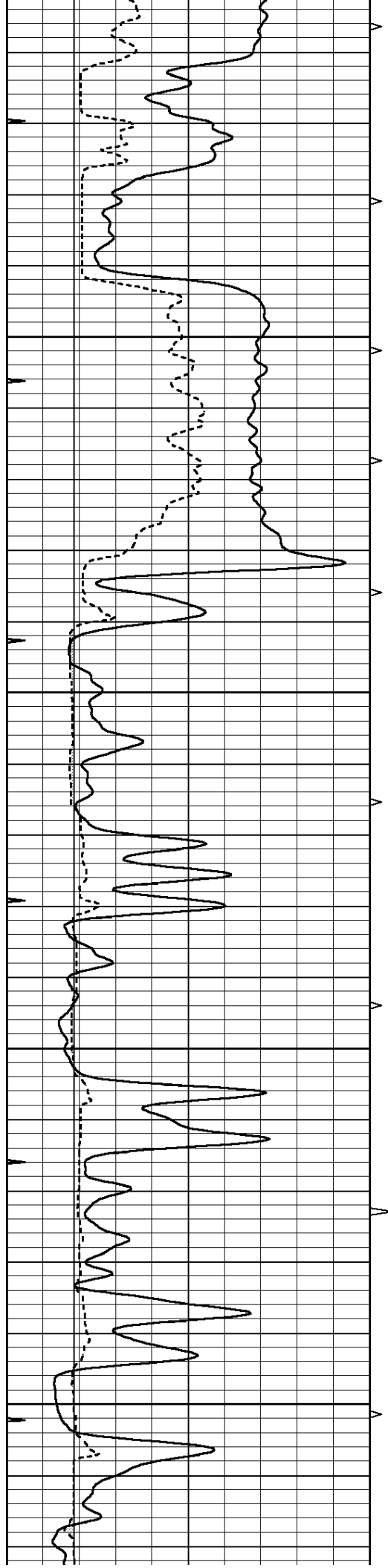
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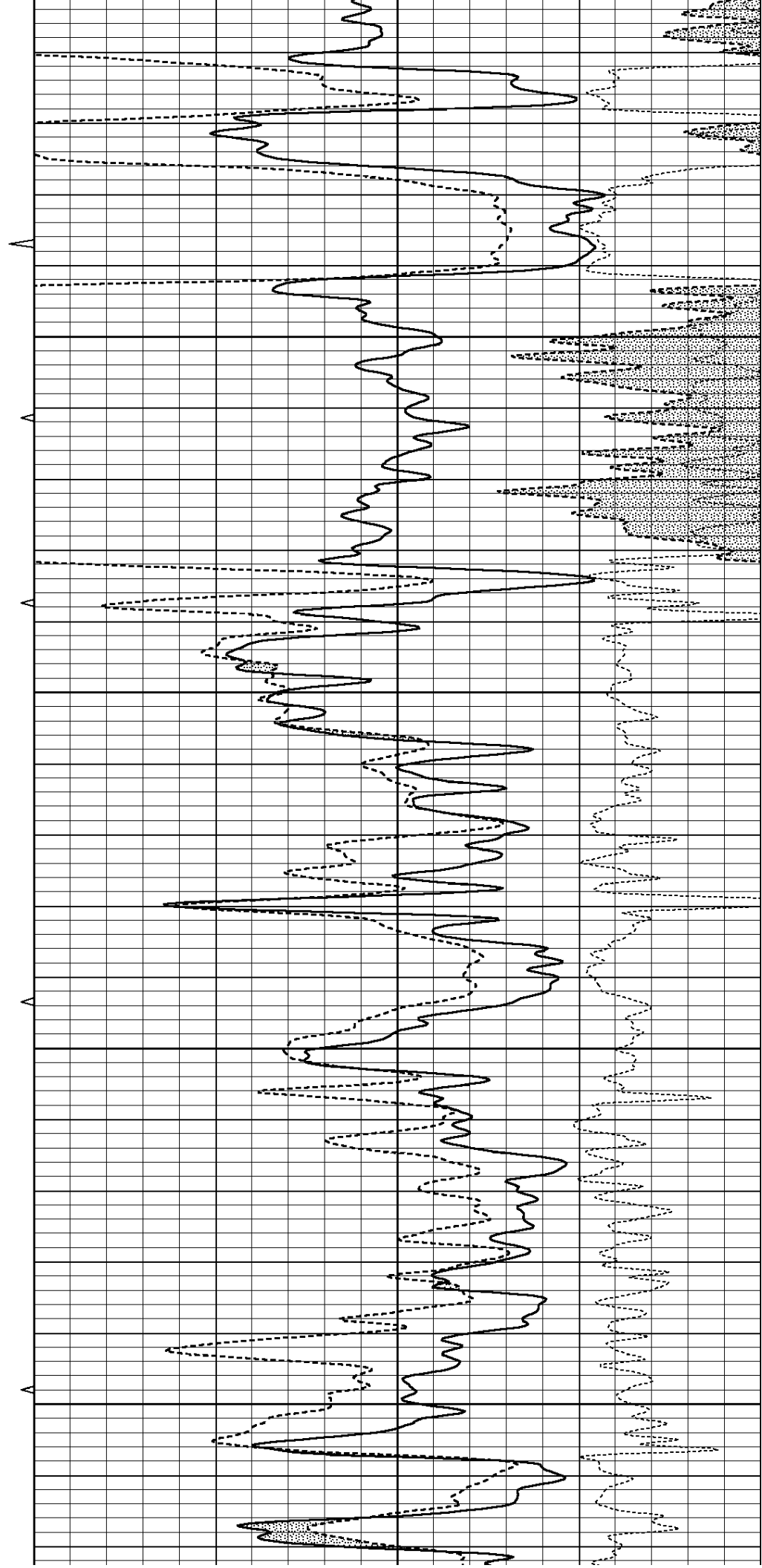


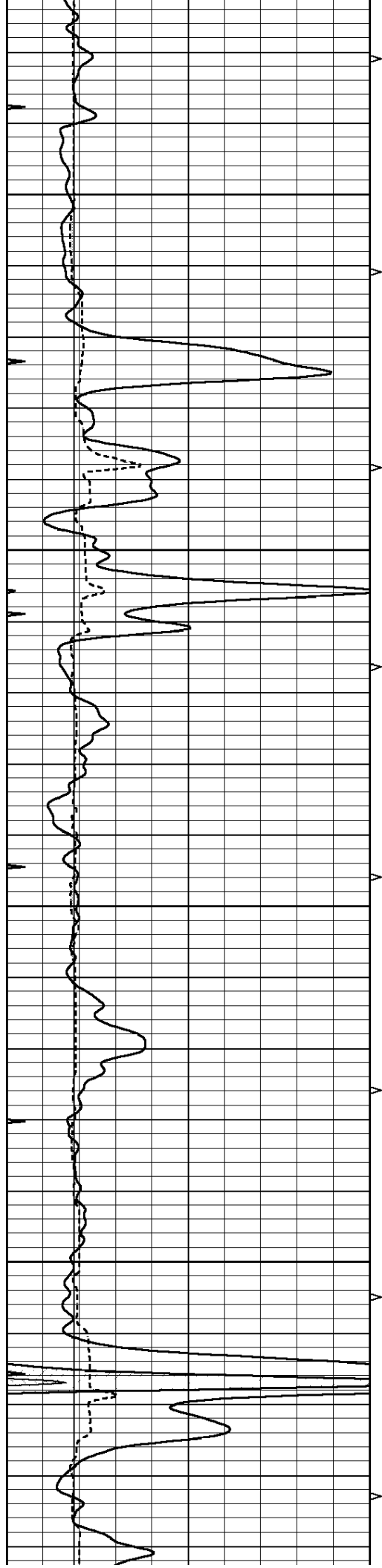
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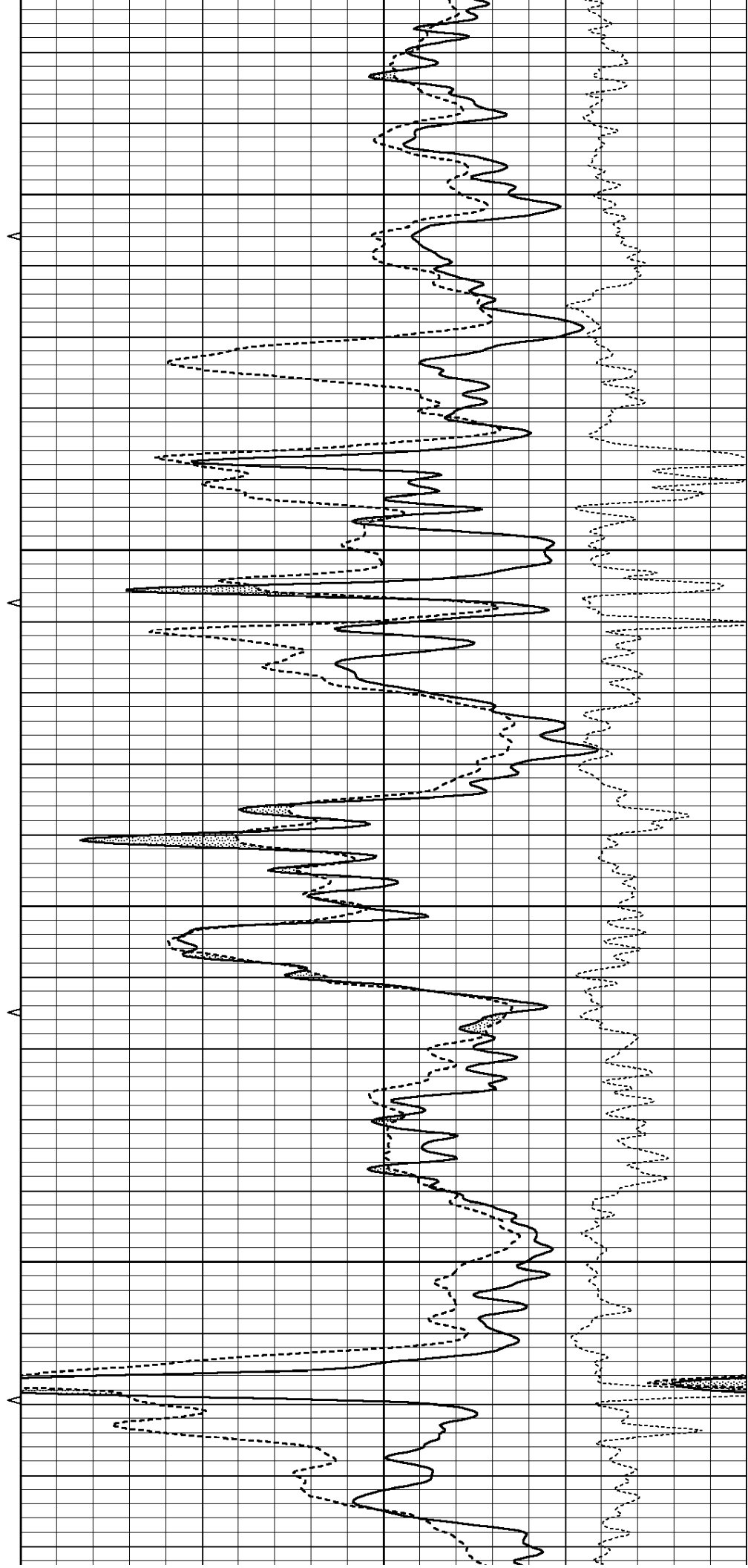


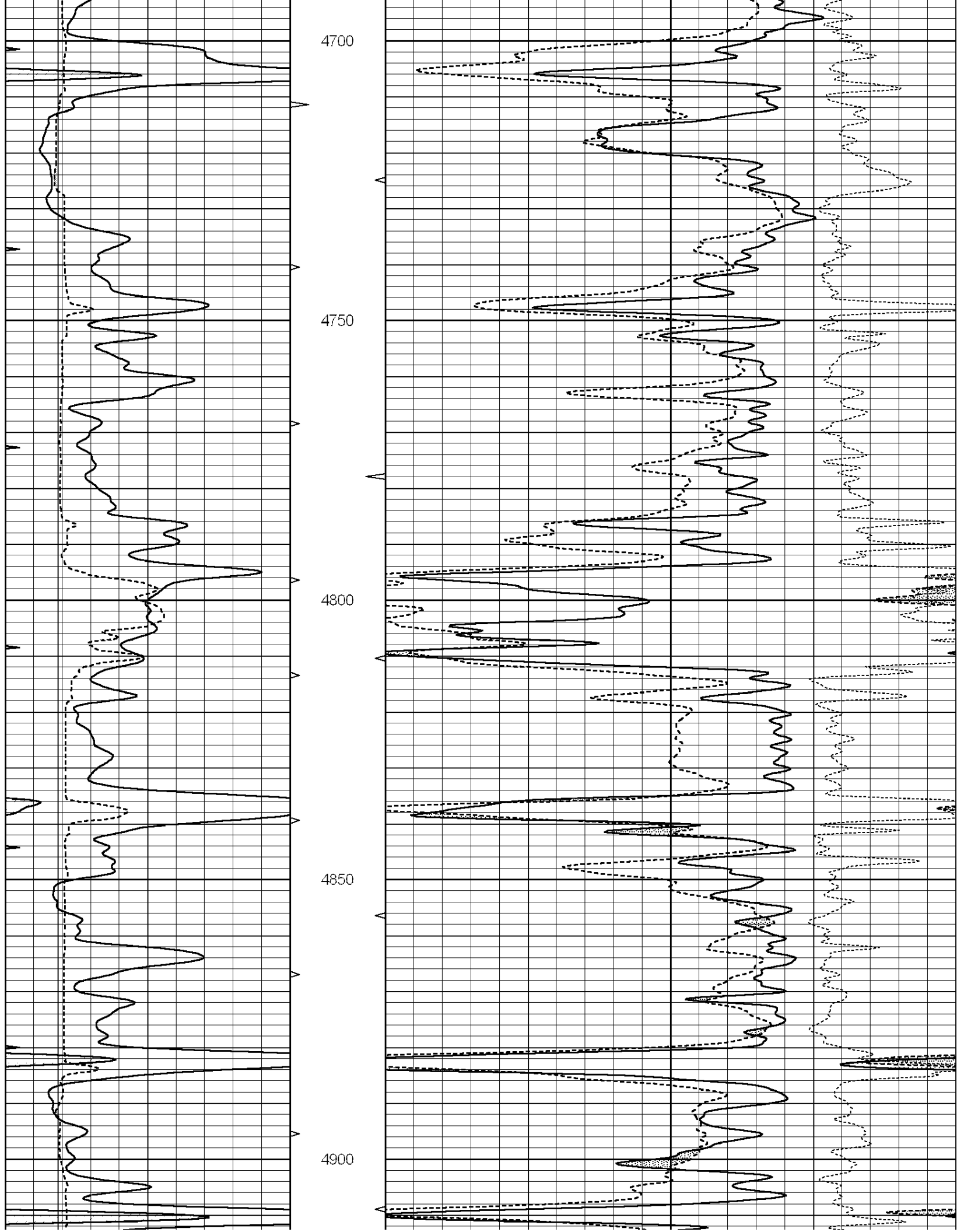
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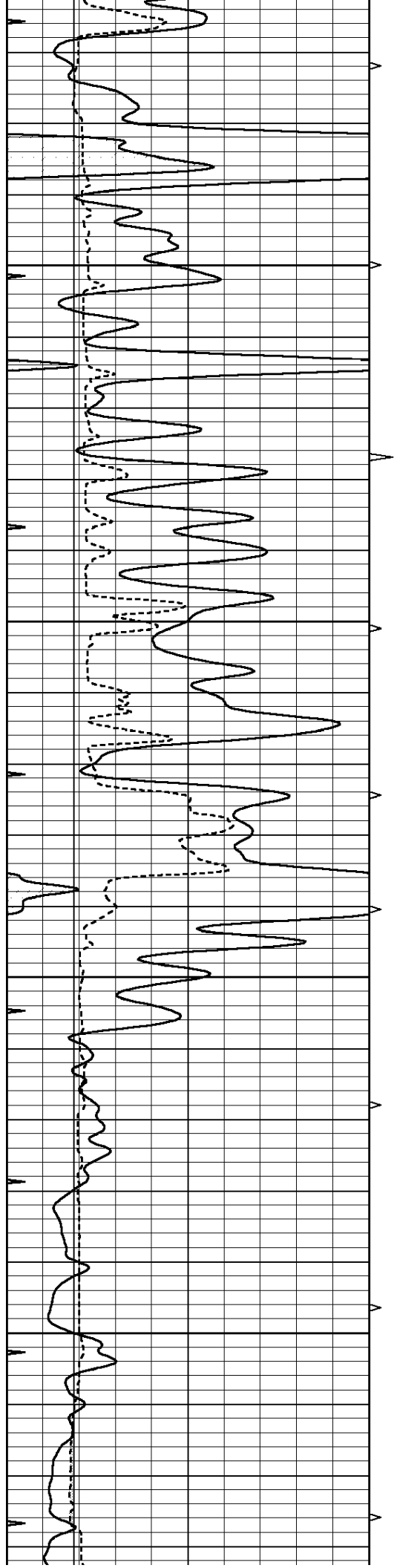
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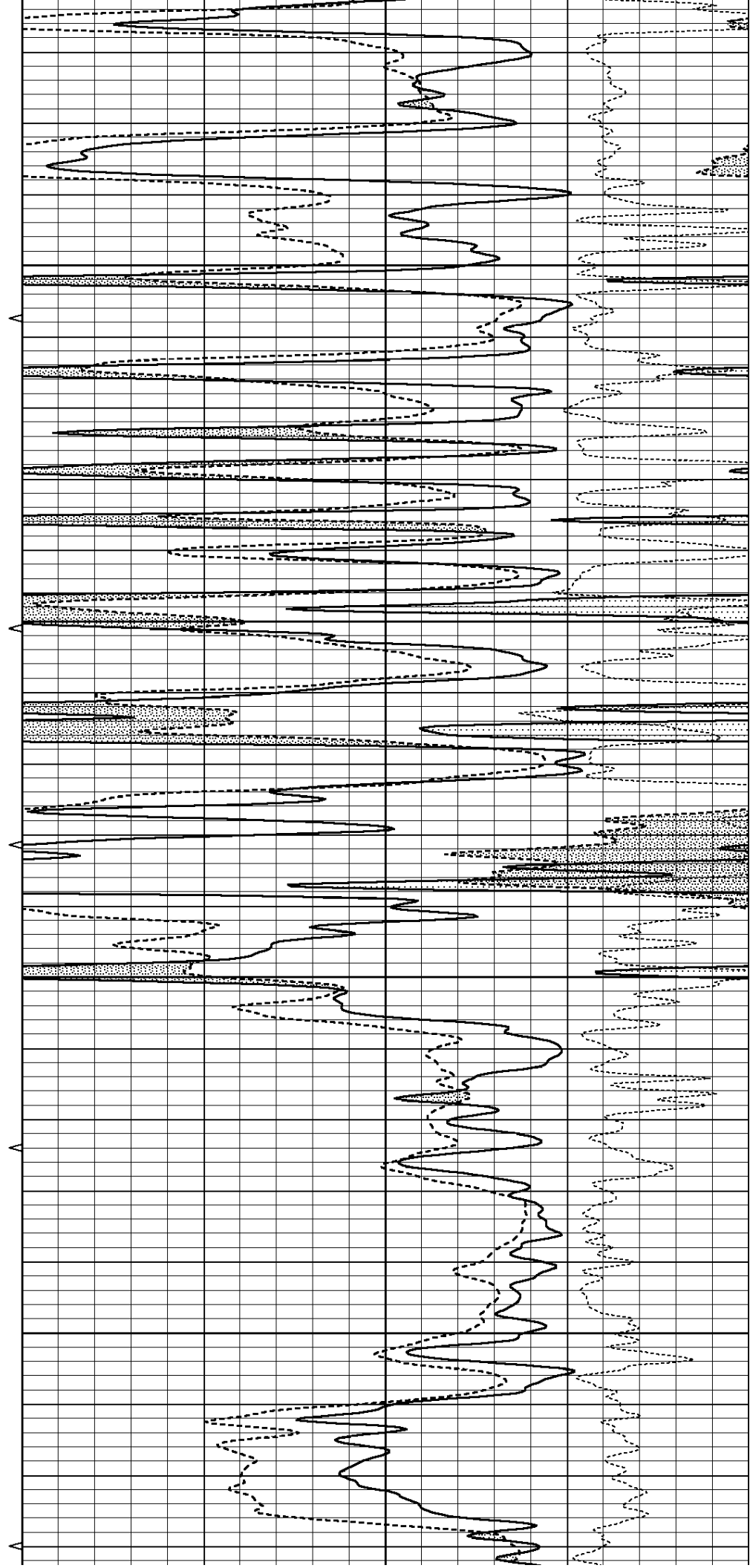


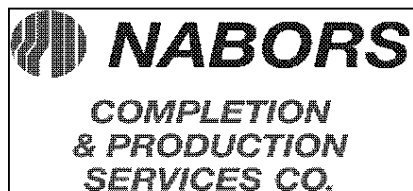
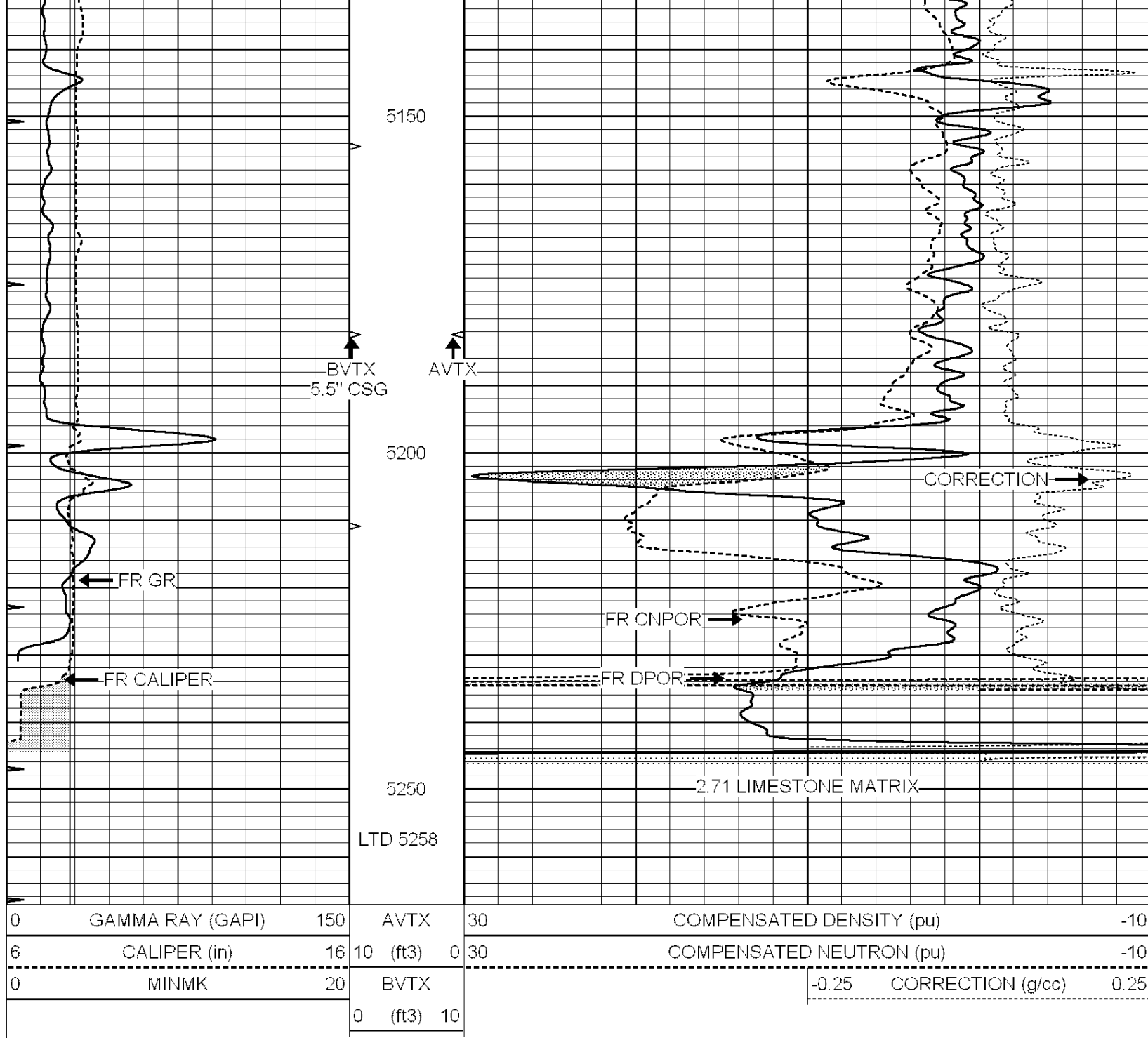
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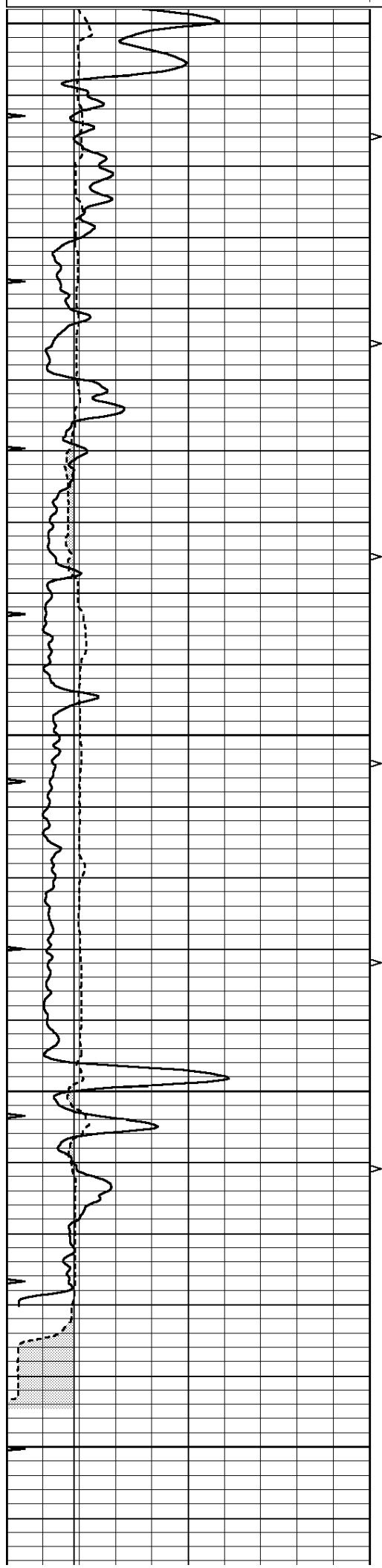




REPEAT SECTION

Database File: 26250ddn.db
 Dataset Pathname: pass2.5.2
 Presentation Format: _den_neu
 Dataset Creation: Sat Nov 01 07:17:38 2014 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	AVTX	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3) 0	30	COMPENSATED NEUTRON (pu)	-10
0	MINMK	20	BVTX		-0.25	CORRECTION (g/cc) 0.25
			0 (ft3) 10			



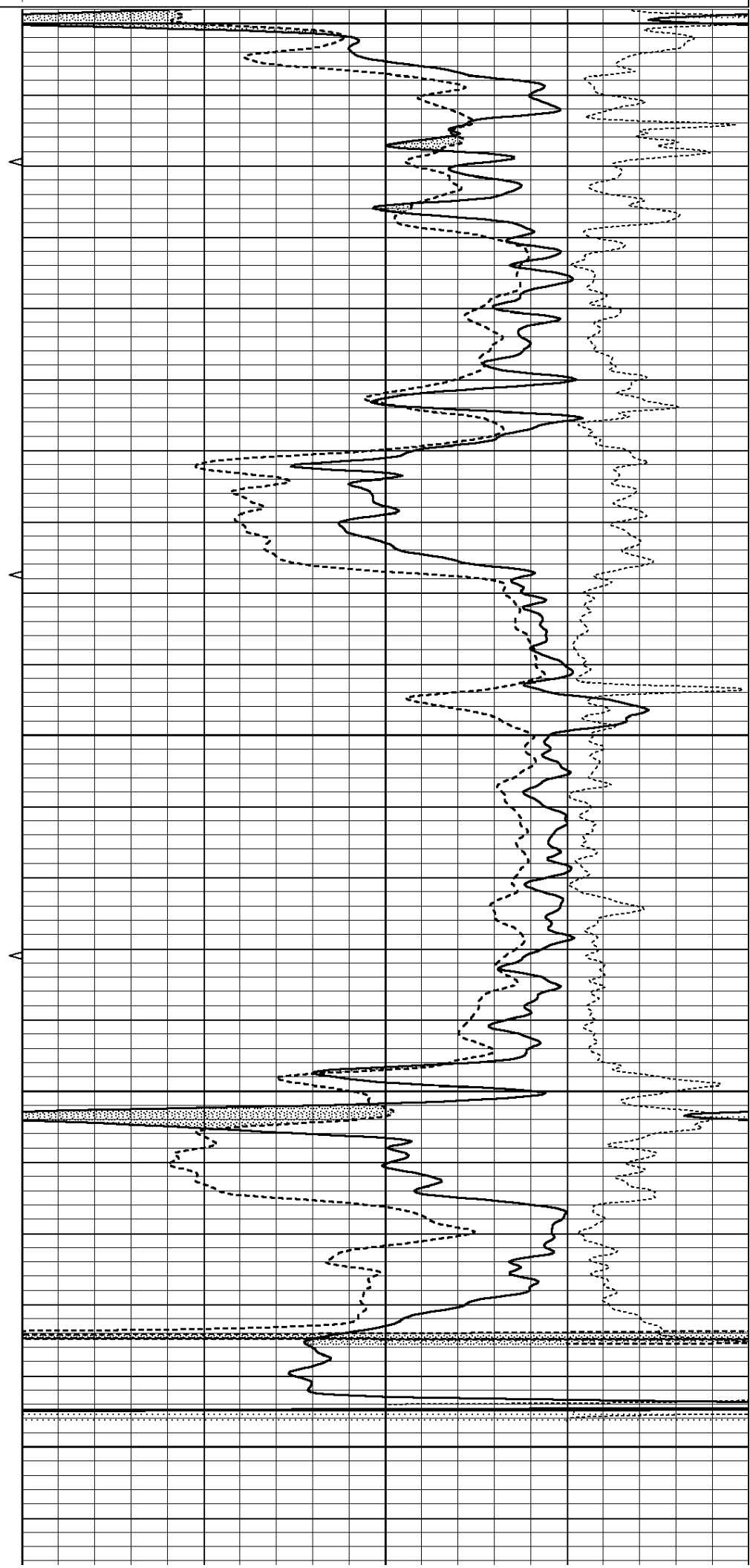
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5100

5150

5200

5250



0	GAMMA RAY (GAPI)	150	AVTX	30	COMPENSATED DENSITY (pu)			-10
6	CALIPER (in)	16	10 (ft3) 0	30	COMPENSATED NEUTRON (pu)			-10
0	MINMK	20	BVTX		-0.25	CORRECTION (g/cc)		0.25
			0 (ft3) 10					

Calibration Report								
Database File:	26250ddn.db							
Dataset Pathname:	pass3.2							
Dataset Creation:	Sat Nov 01 08:11:08 2014 by Calc Open-Cased 090629							

Dual Induction Calibration Report								
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Serial-Model:	PROBE7-DILG							
Surface Cal Performed:	Mon Oct 27 04:01:02 2014							
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	550.000	0.000
Medium	0.992	1.002	V	0.000	464.000	mmho/m	580.000	-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								
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Serial-Model:	GEAR5-GEARHART							
Source / Verifier:	147 / 147							
Master Calibration Performed:	Fri Oct 24 23:45:57 2014							

Master Calibration								
	Density			Far Detector		Near Detector		
Magnesium	1.710	g/cc		943.83		576.01	cps	
Aluminum	2.590	g/cc		212.01		399.19	cps	
Spine Angle = 76.20				Density/Spine Ratio = 0.572				

	Depth Angle	10.125	Density/Spine Ratio	0.012
	Size		Reading	
Small Ring	8.40	in	1.64	V
Large Ring	14.00	in	2.93	V

Compensated Neutron Calibration Report

Serial Number:	080620
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:	46001	
Tool Model:	Probe1	
Performed:	Mon Oct 27 03:59:08 2014	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.2600	GAPI/cps