



SUPERIOR
Hays,
Kansas

COMPENSATED DENSITY / NEUTRON LOG

Company	RAYMOND OIL COMPANY, INC.		
Well	#1 TERNS		
Field	WILDCAT		
County	SUMNER		
State	KANSAS		
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Well	#1 TERNS		
Field	WILDCAT		
County	SUMNER		
State	KANSAS		
Location:	AP1 # : 15-191-22645-0000		Other Services
SEC 25 TWP 30S RGE 1W		DIL	
Permanent Datum	GROUND LEVEL	Elevation	1275
Log Measured From	KELLY BUSHING 10' A.G.L.	K.B. 1285	
Drilling Measured From	KELLY BUSHING	D.F. 1283	
		G.L. 1275	
Date	5/9/12		
Run Number	ONE		
Depth Driller	4060		
Depth Logger	4059		
Bottom Logged Interval	4035		
Top Log Interval	2000		
Casing Driller	8 5/8"@345'	13 3/8"@83'	
Casing Logger	338		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 7,000 PPM	
Density / Viscosity	9.1/42		
pH / Fluid Loss	9.0/13.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.550@72F		
Rmt @ Meas. Temp	.413@72F		
Rmc @ Meas. Temp	.660@72F		
Source of Rmt / Rmc	MEASUREMENT		
Rm @ BHT	.338@117F		
Time Circulation Stopped	2.5 HOURS		
Time Logger on Bottom	8:45 P.M.		
Maximum Recorded Temperature	117F		
Equipment Number	4010		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	KEVIN KESSLER	TED McHENRY	

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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 SUPERIOR WELL SERVICE HAYS, KANSAS (785) 628-6395
DIRECTIONS

MULVANE, KS. EXIT & I-35, (CASINO) 1W. TO HWY 81,3S. TO "RD. 120", 1W. TO "SENECA RD.",1S. TO
"RD. 110",3W. TO "WEST RD.",1/4S., E. INTO

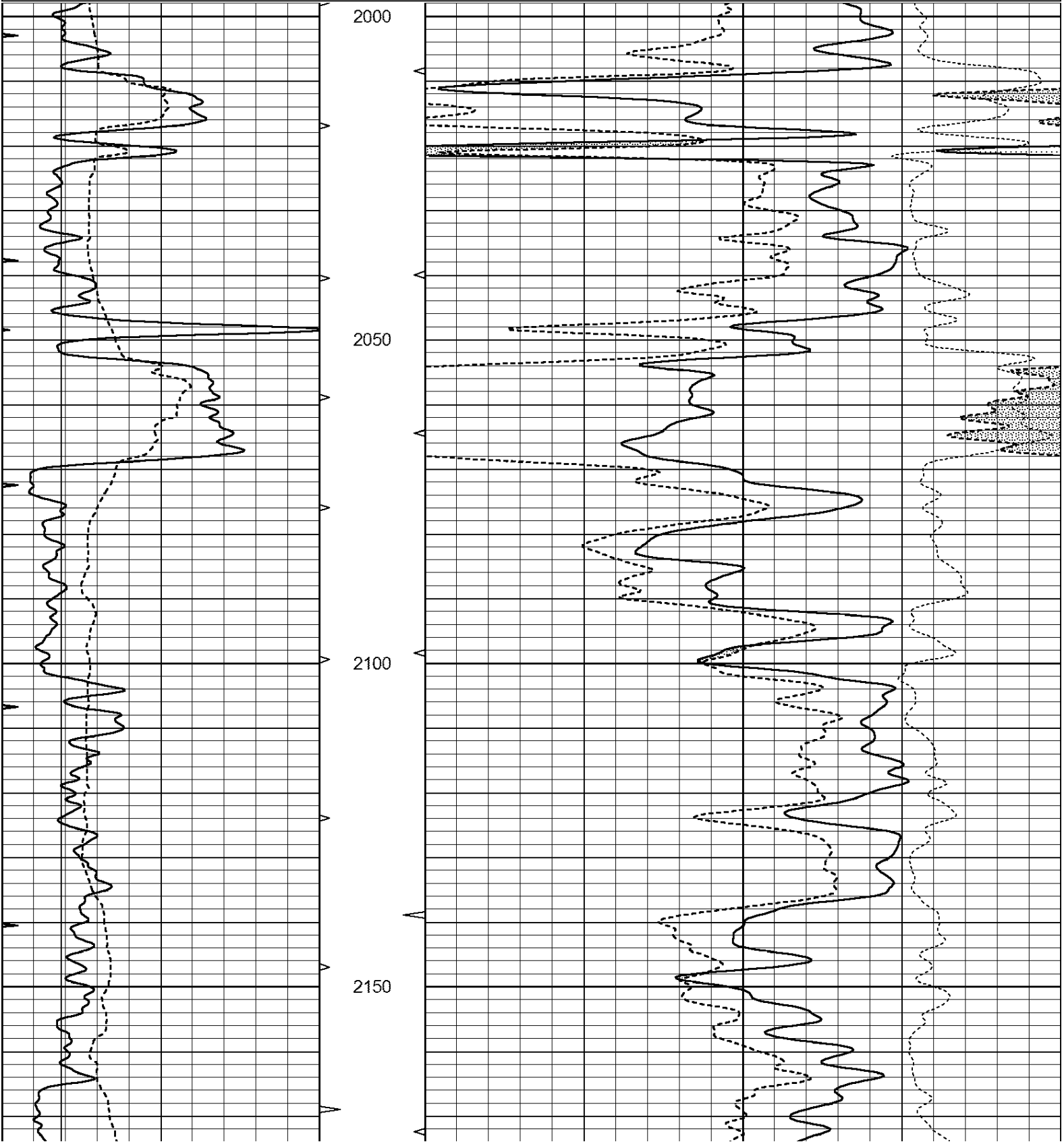


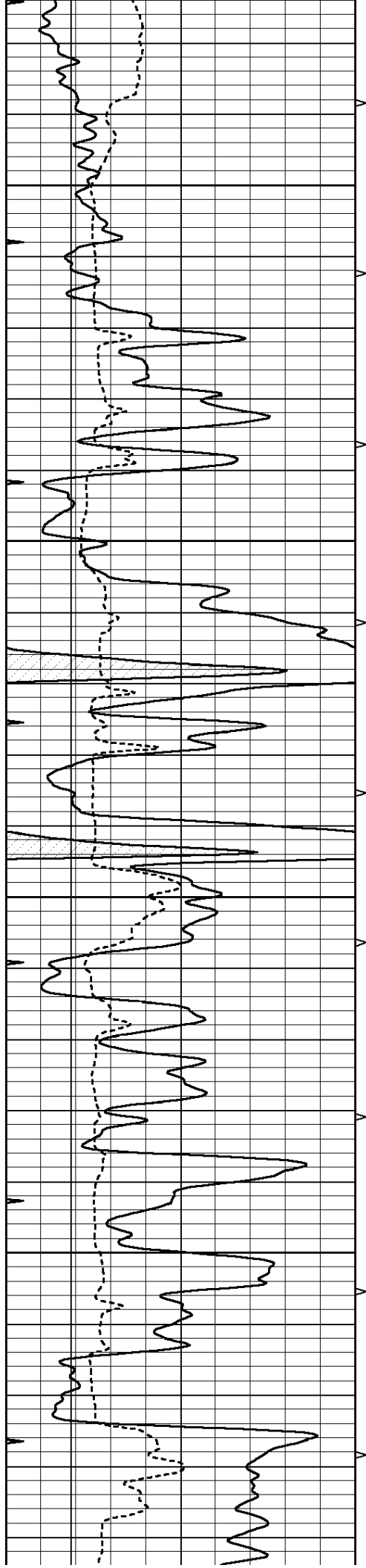
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MAIN SECTION

Database File: 408764ddn.db
Dataset Pathname: pass3.11
Presentation Format: den_neu
Dataset Creation: Wed May 09 23:07:08 2012
Charted by: Depth in Feet scaled 1:240

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



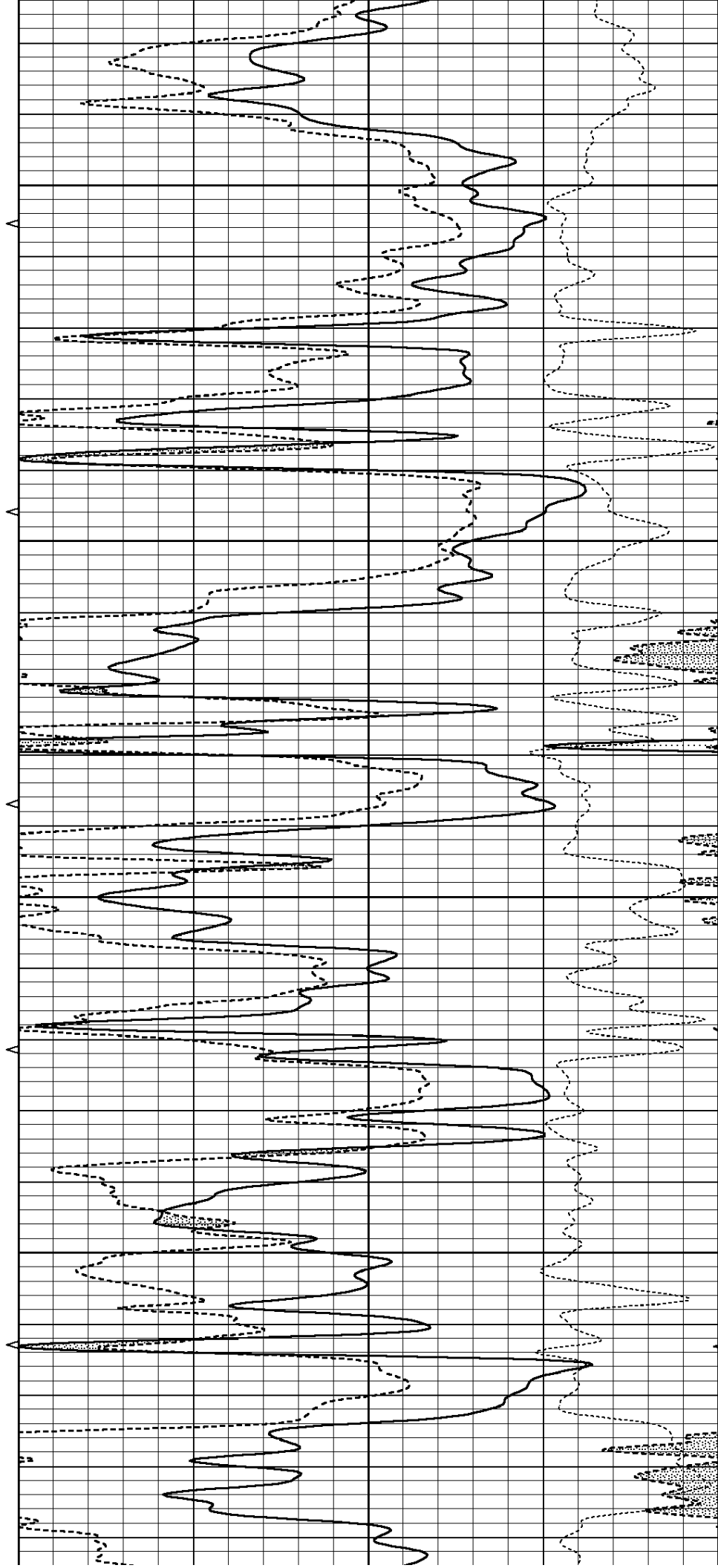


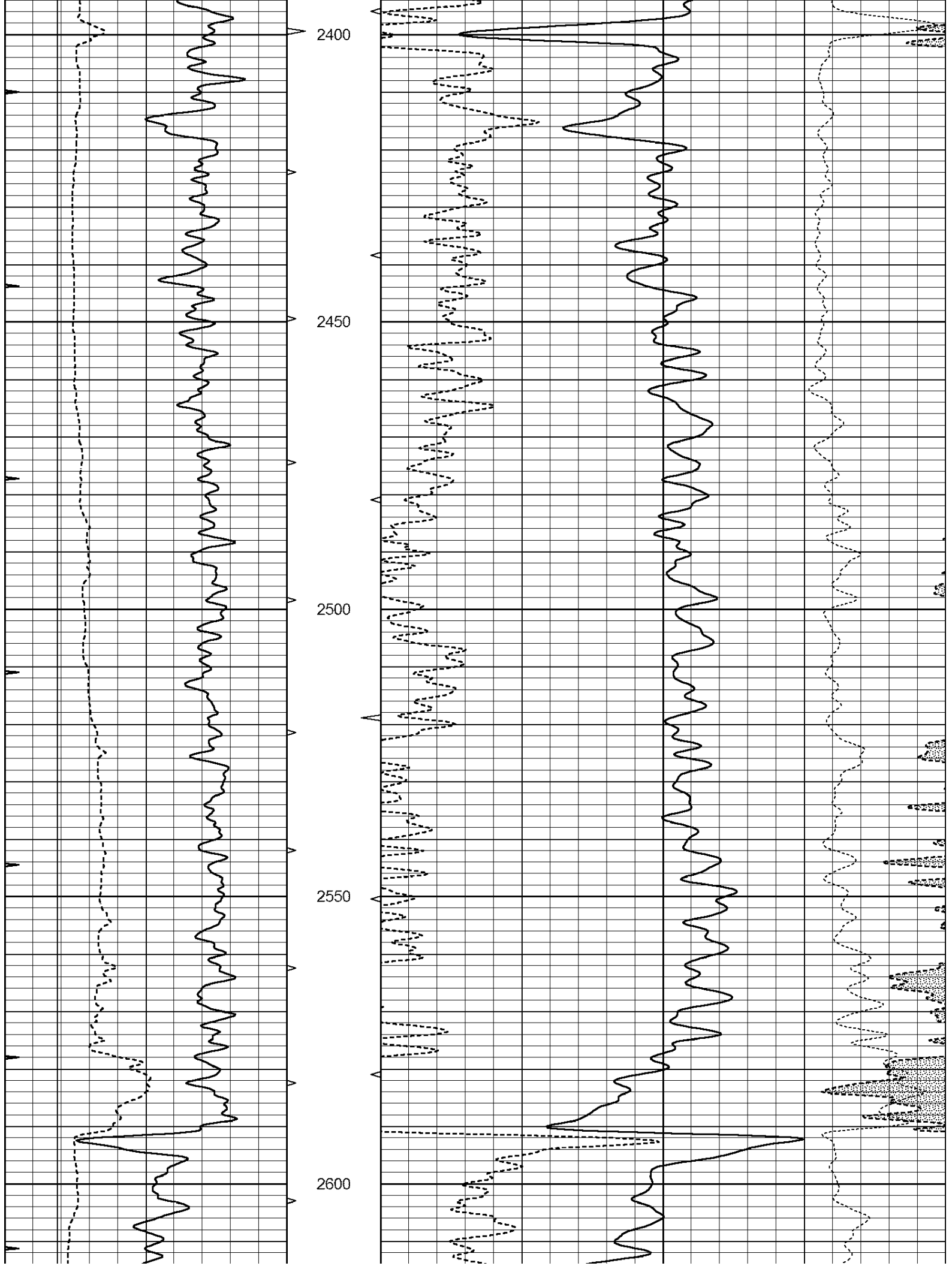
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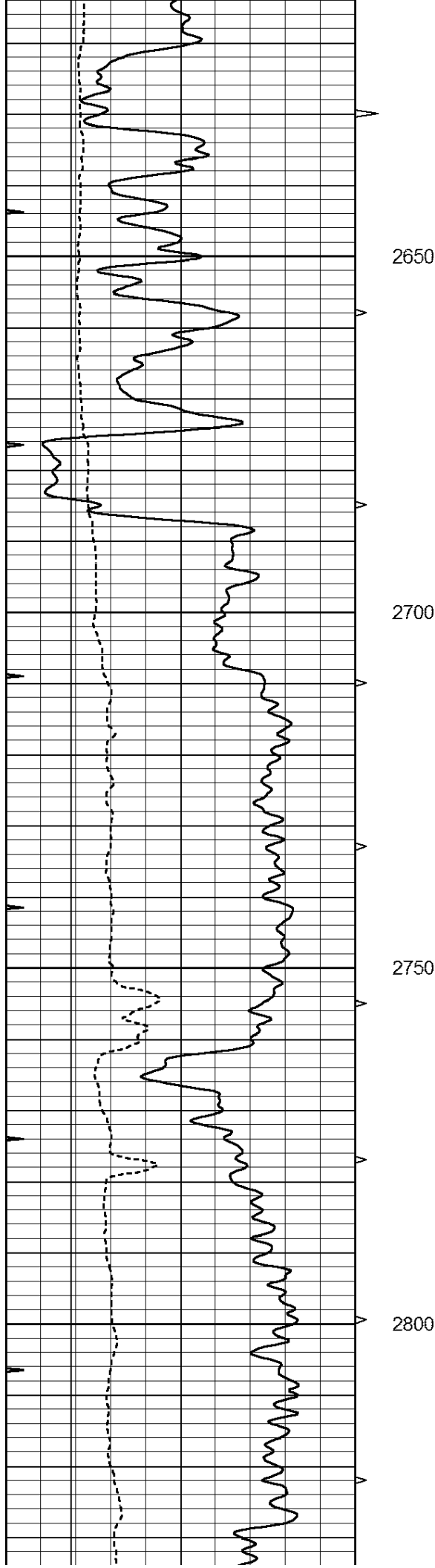
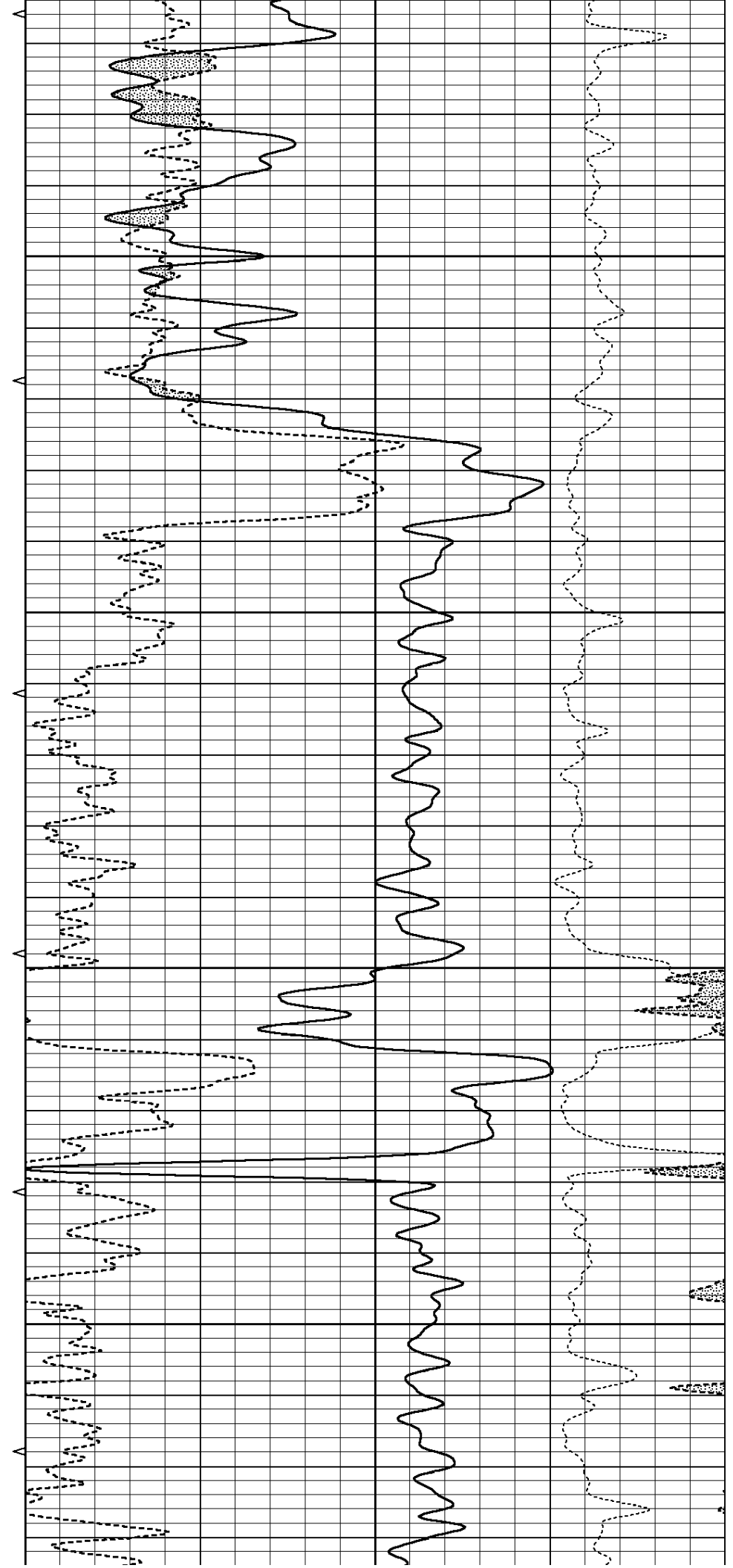
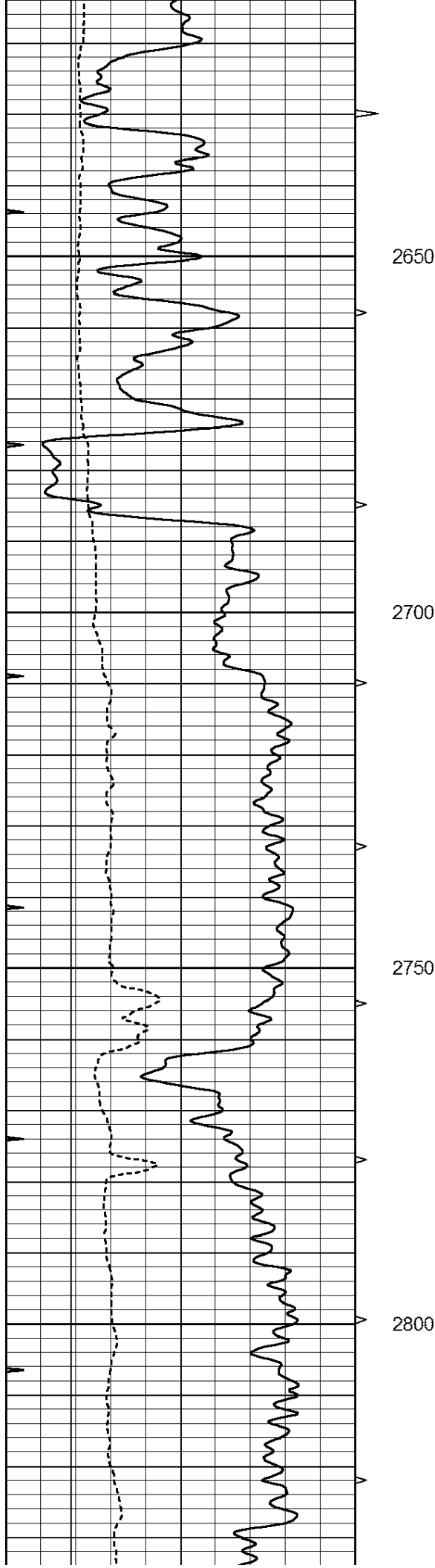
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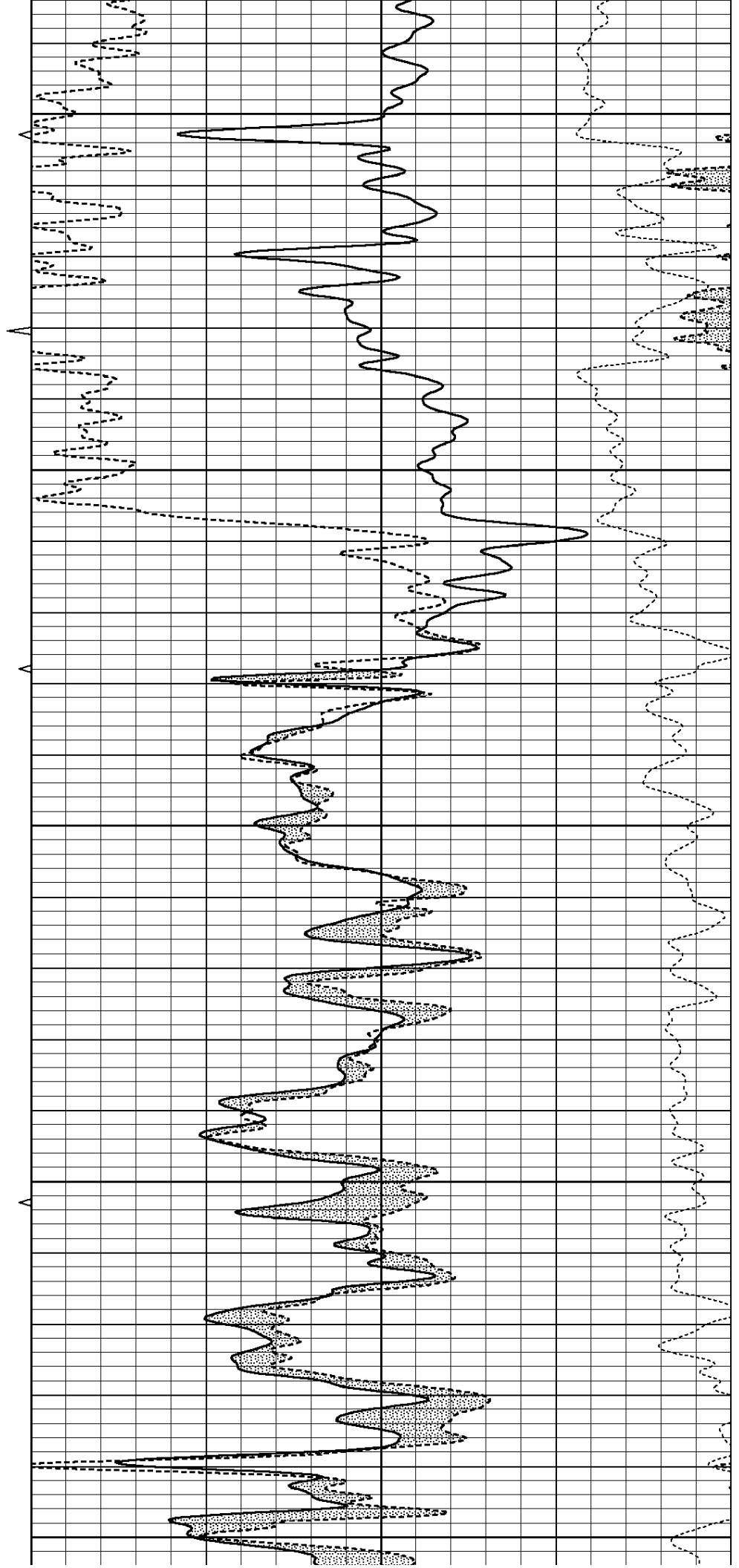
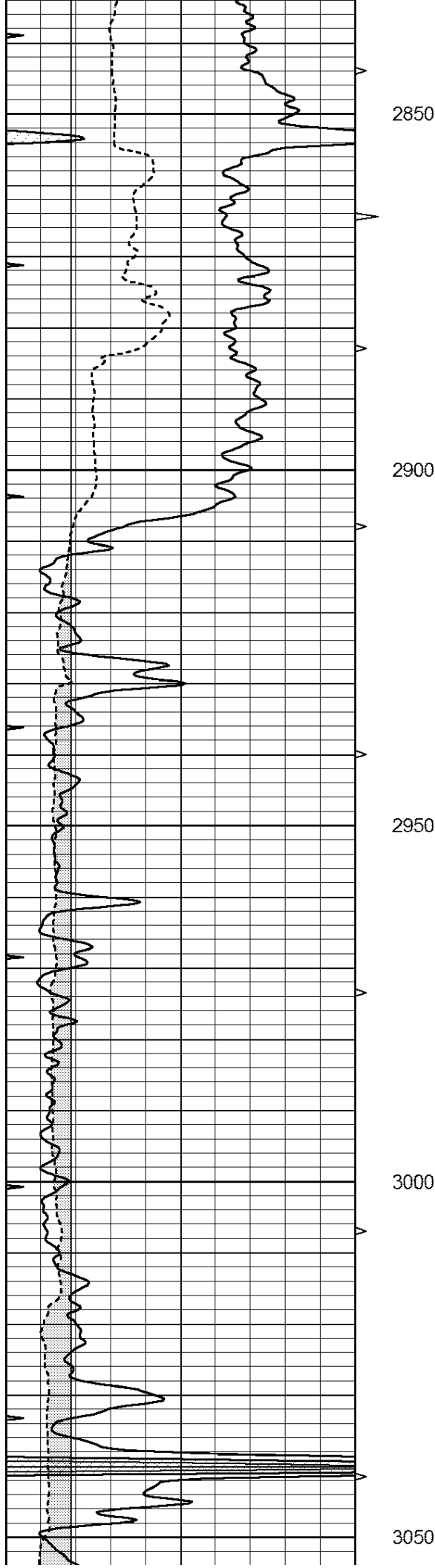
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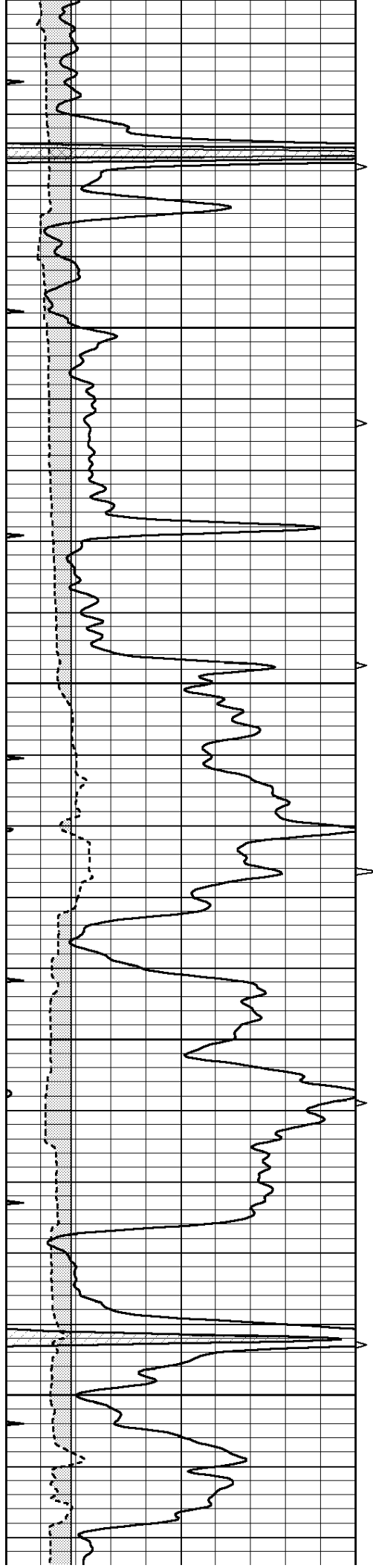
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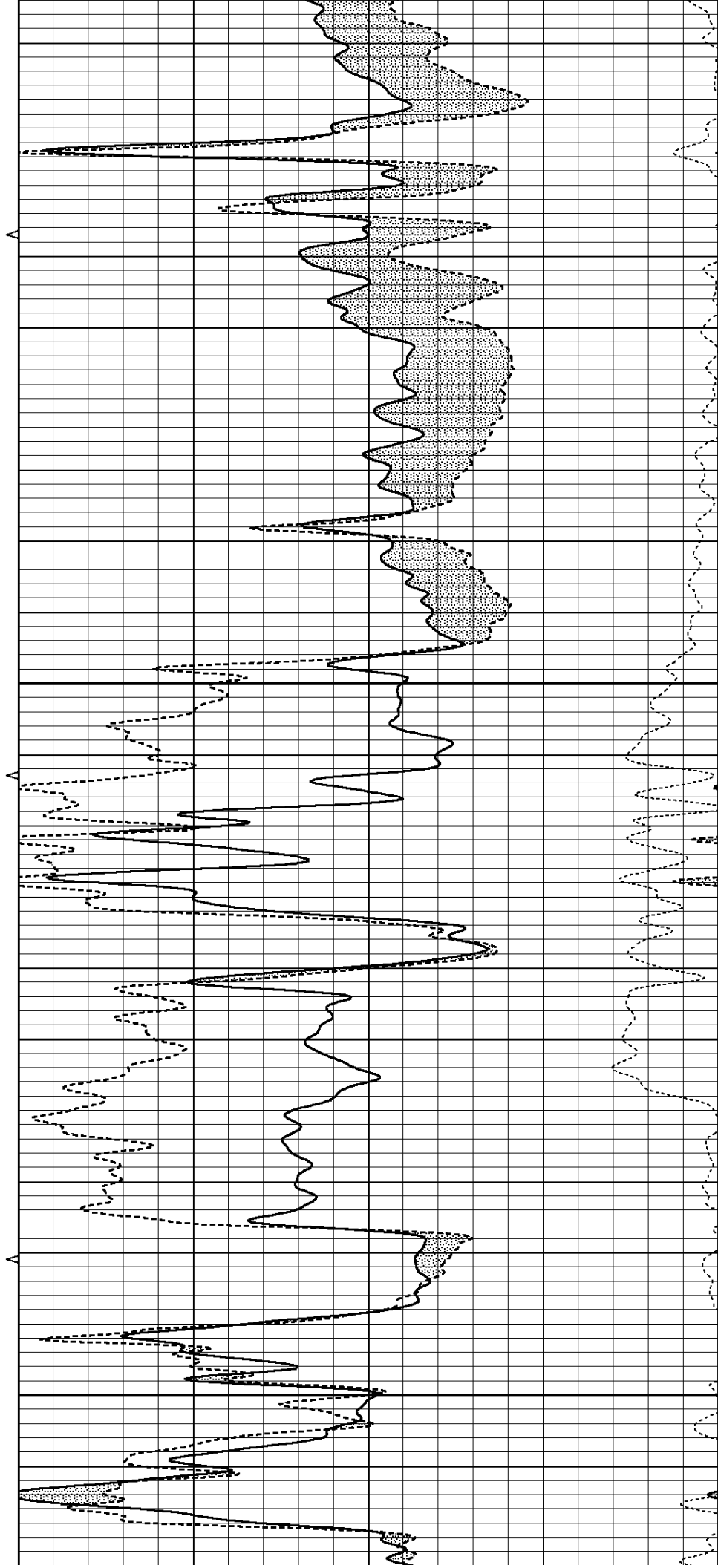


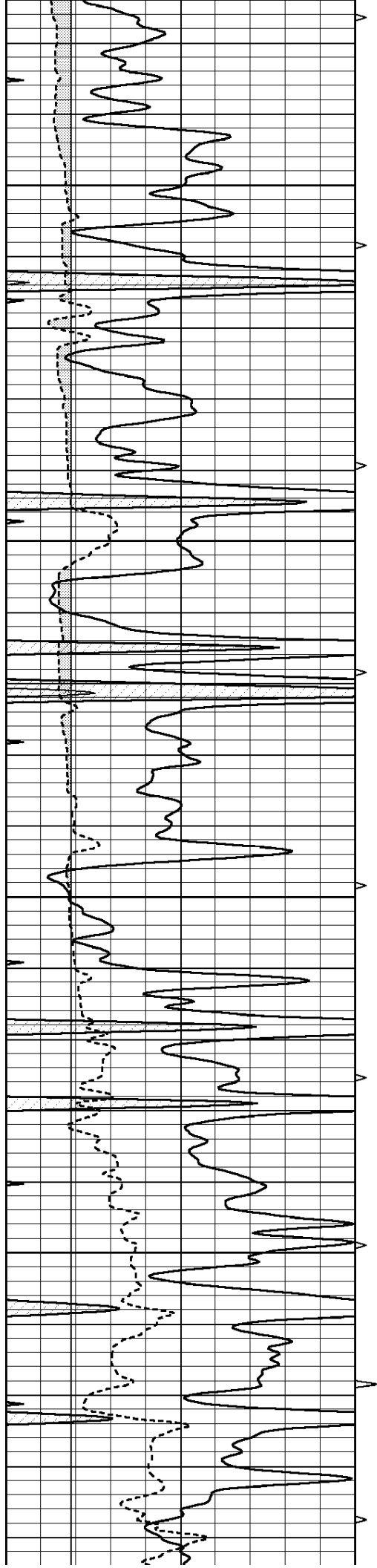
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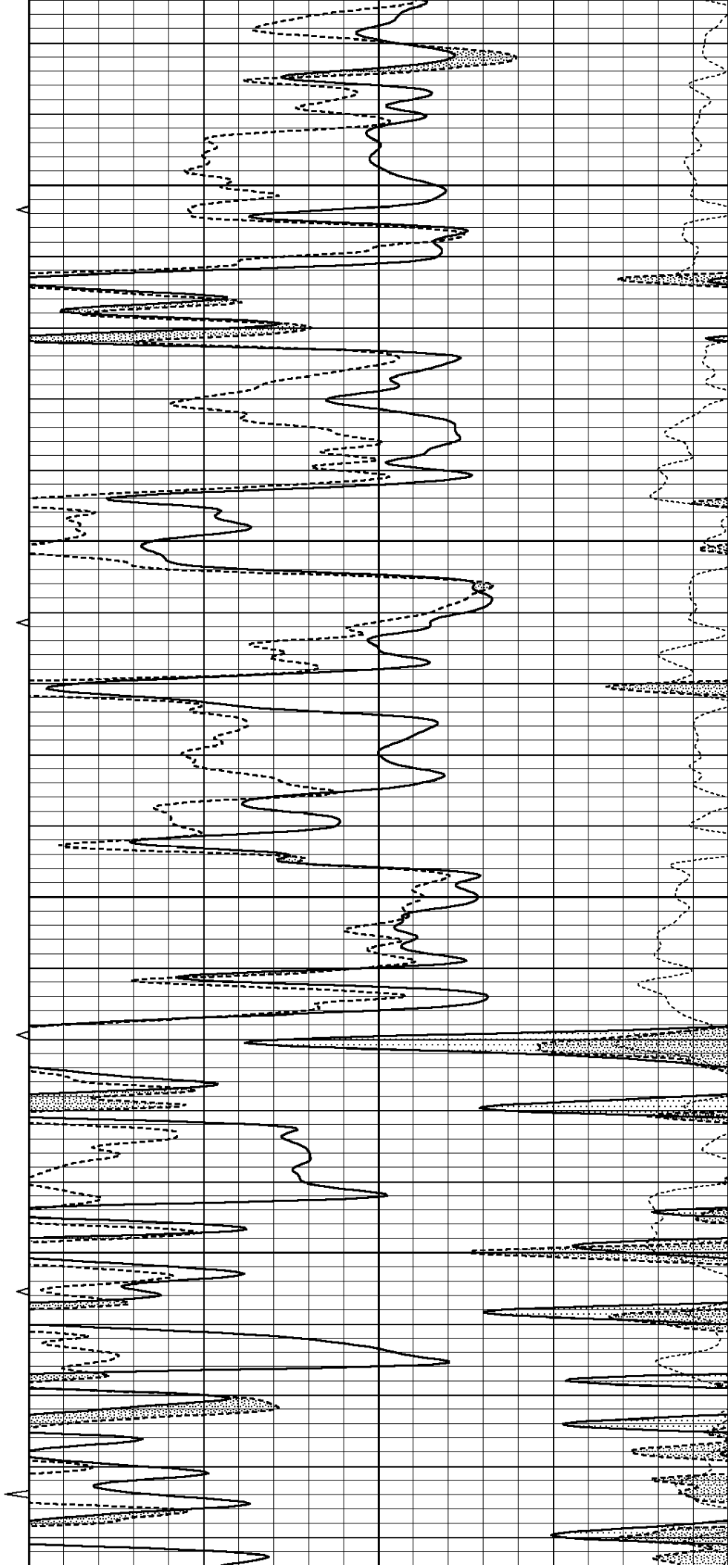


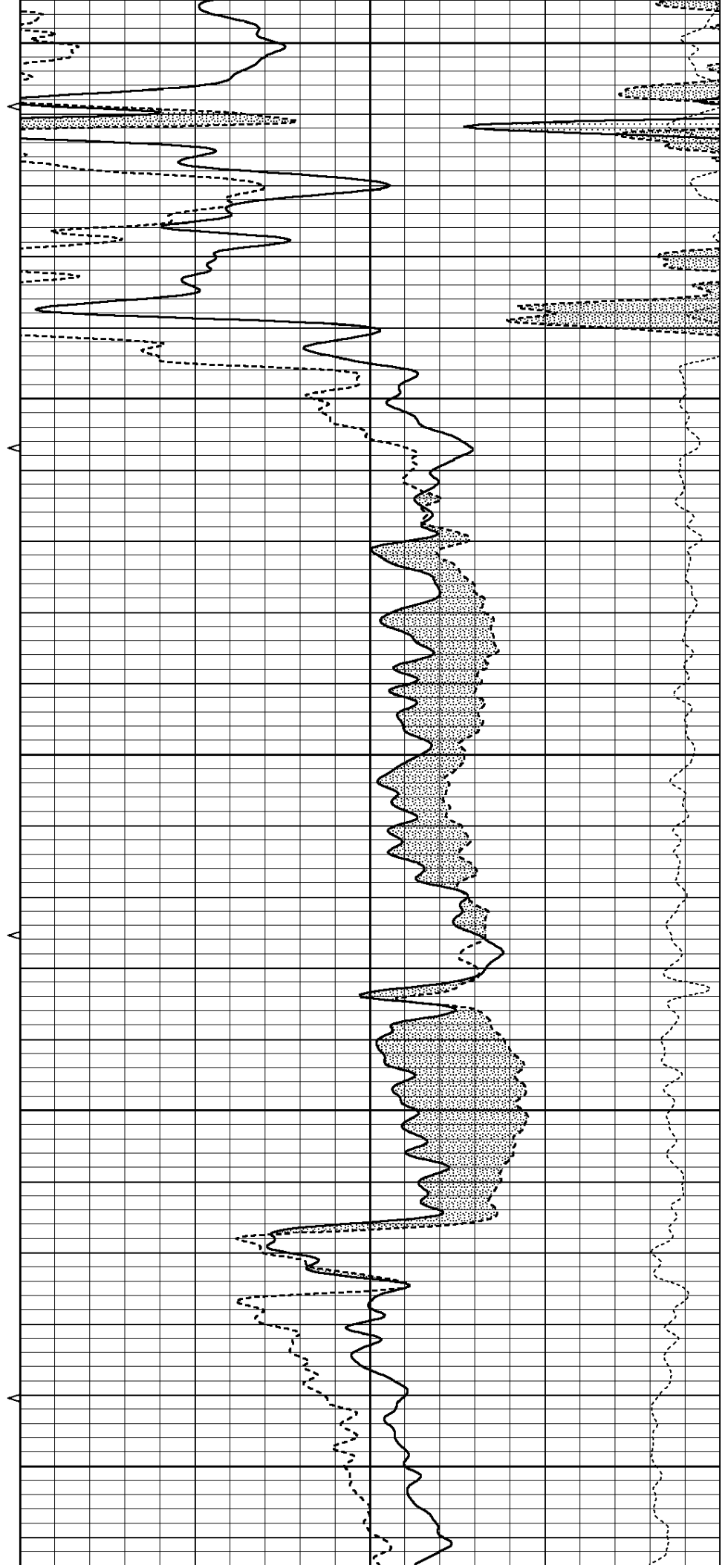
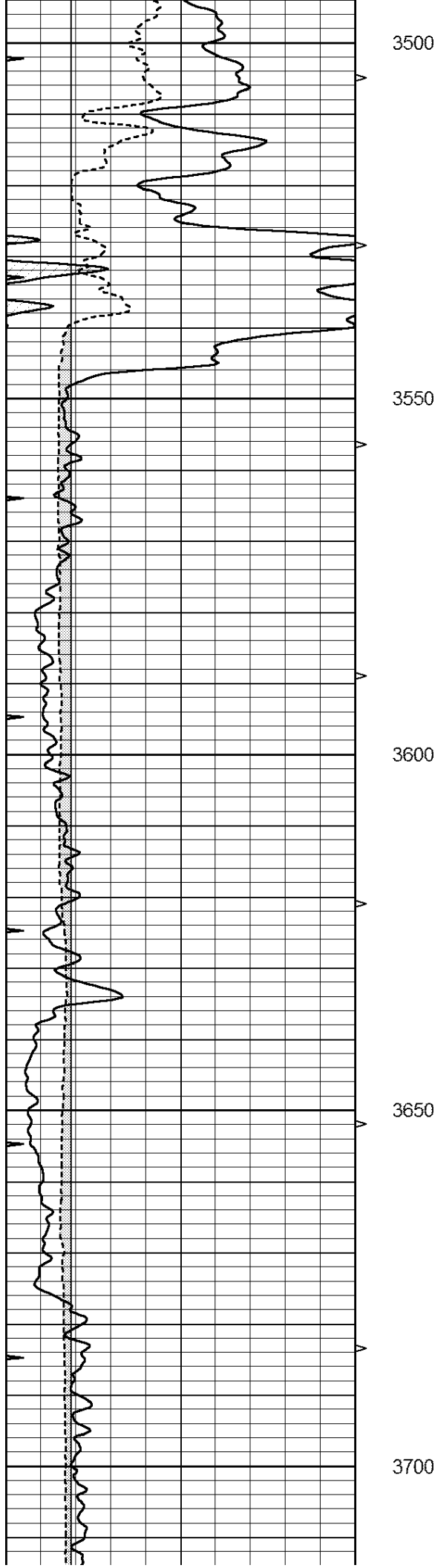
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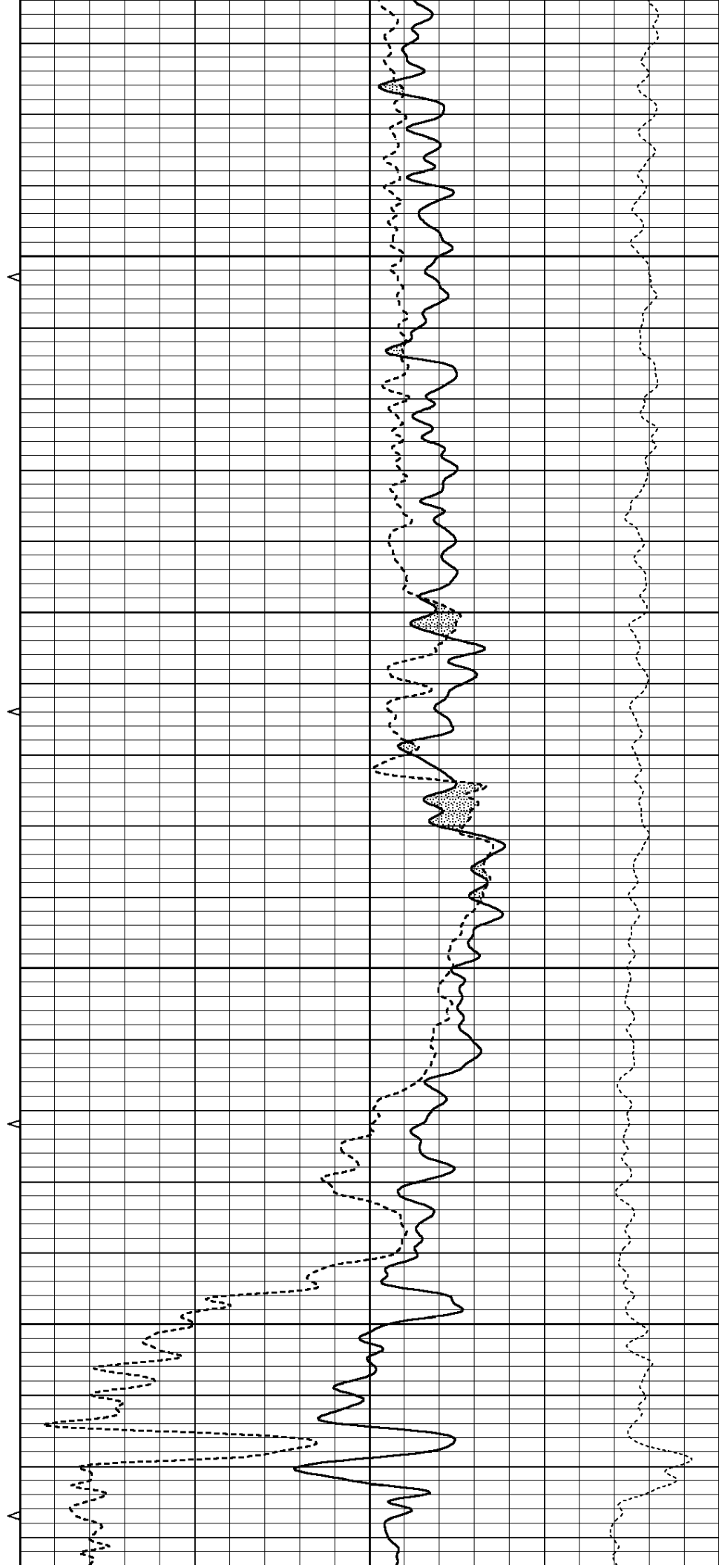
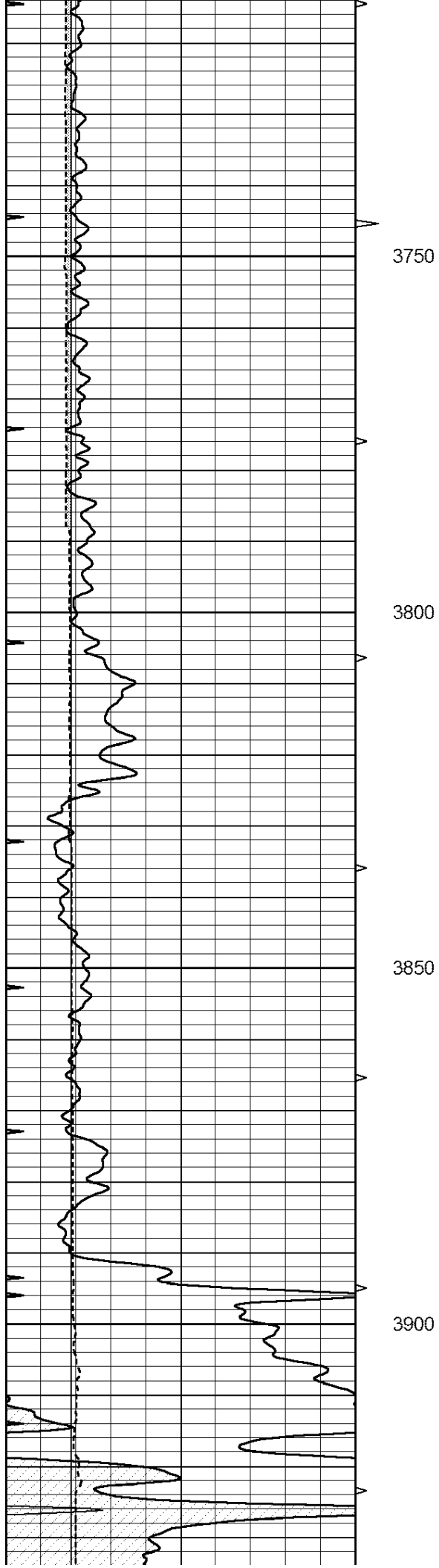
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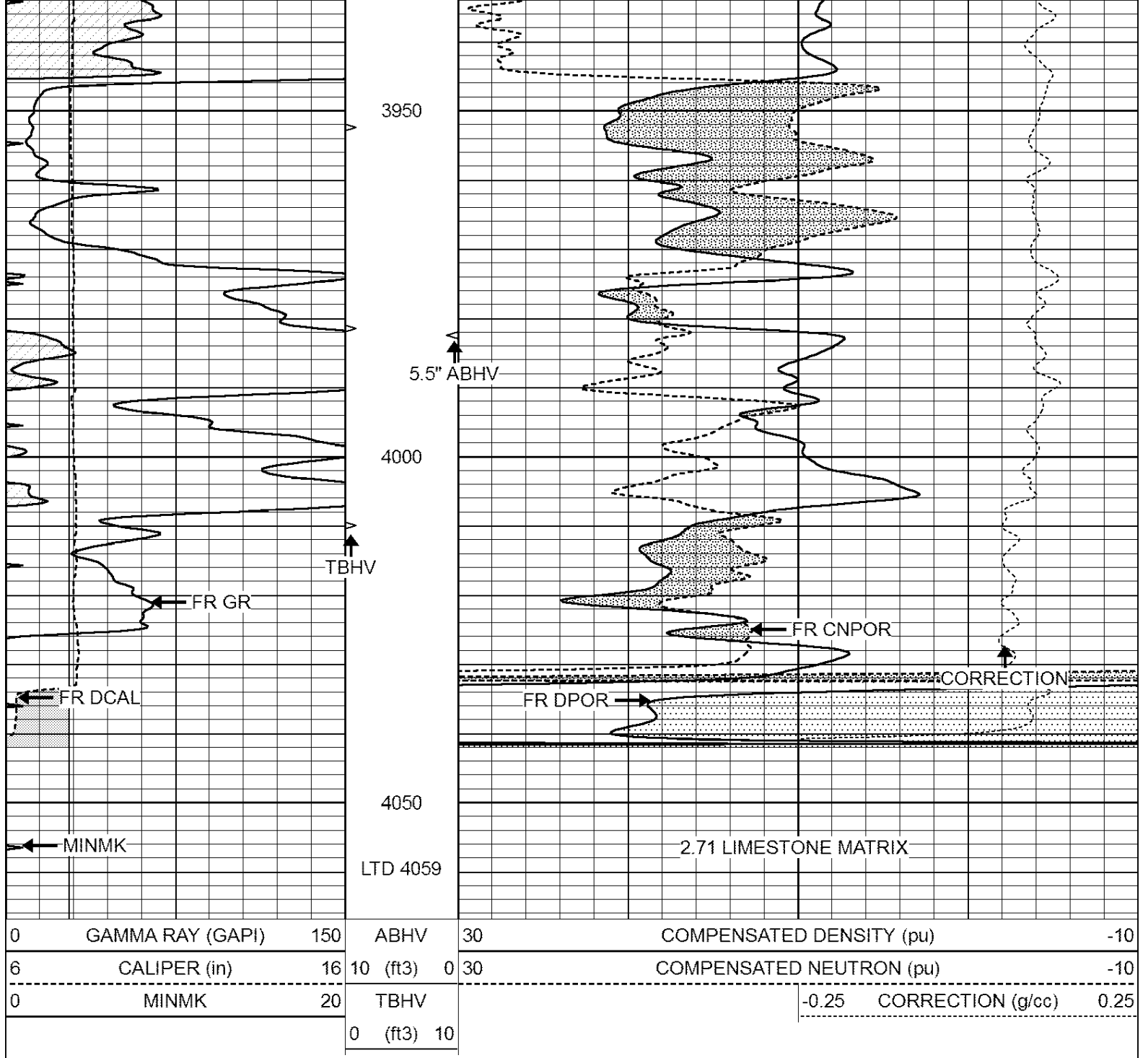
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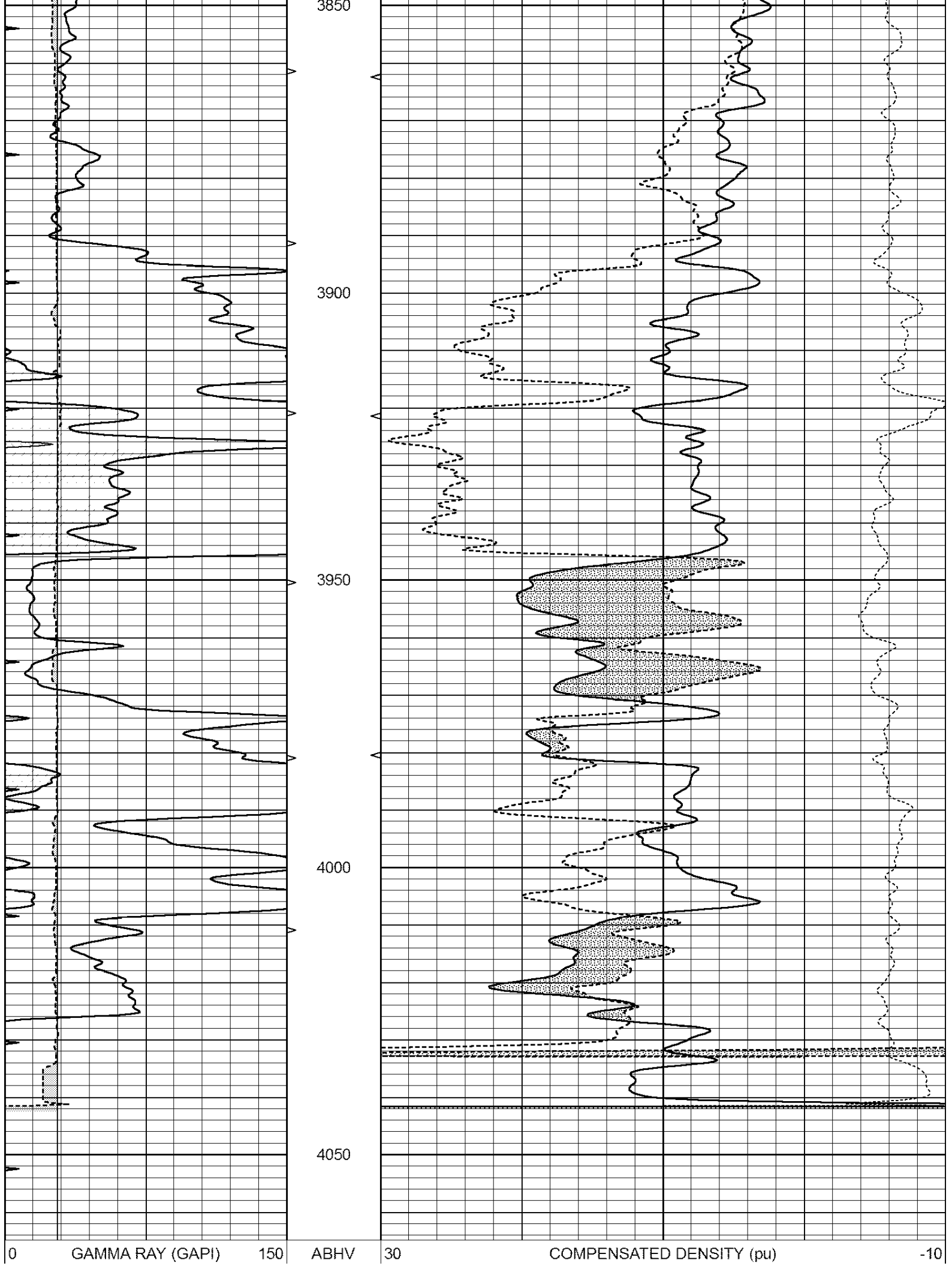


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REPEAT SECTION

Database File: 408764ddn.db
 Dataset Pathname: pass2.5
 Presentation Format: den_neu
 Dataset Creation: Wed May 09 21:30:31 2012 by Calc Open-Cased 110302
 Charted by: Depth in Feet scaled 1:240

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



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 May 09 19:59:59 2012	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.3000	GAPI/cps