



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**COMPENSATED
DENSITY/NEUTRON
PE LOG**

Company	WOOLSEY OPERATING COMPANY, LLC.		
Well	STEWART TRUST "B" #2		
Field	TRAFFAS		
County	BARBER	State	KANSAS
Location:	SEC 21 TWP 33S RGE 10W 2480' FNL & 330' FWL S/2 SW SW NW		API # : 15-007-24026-0000 DIL
Permanent Datum	GROUND LEVEL	Elevation	1489
Log Measured From	KELLY BUSHING 12' A.G.L.	K.B. 1501	
Drilling Measured From	KELLY BUSHING	D.F. 1489	
		G.L. 1489	
Date	6/14/12		
Run Number	ONE		
Depth Driller	5087		
Depth Logger	5090		
Bottom Logged Interval	5066		
Top Log Interval	1700		
Casing Driller	10 3/4" @ 221		
Casing Logger	NA		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.1/57	CHLORIDES 4500 PPM	
pH / Fluid Loss	9.5/8.0		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.55 @ 103F		
Rmf @ Meas. Temp	.41 @ 103F		
Rmc @ Meas. Temp	.66 @ 103F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.44 @ 126F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	126F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	SCOTT ALBERG		

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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:

SHARON, KS. - 5 S. ON TRI CITY BLKTOP - 1 W. - 1/4 S. - E. & S. INTO



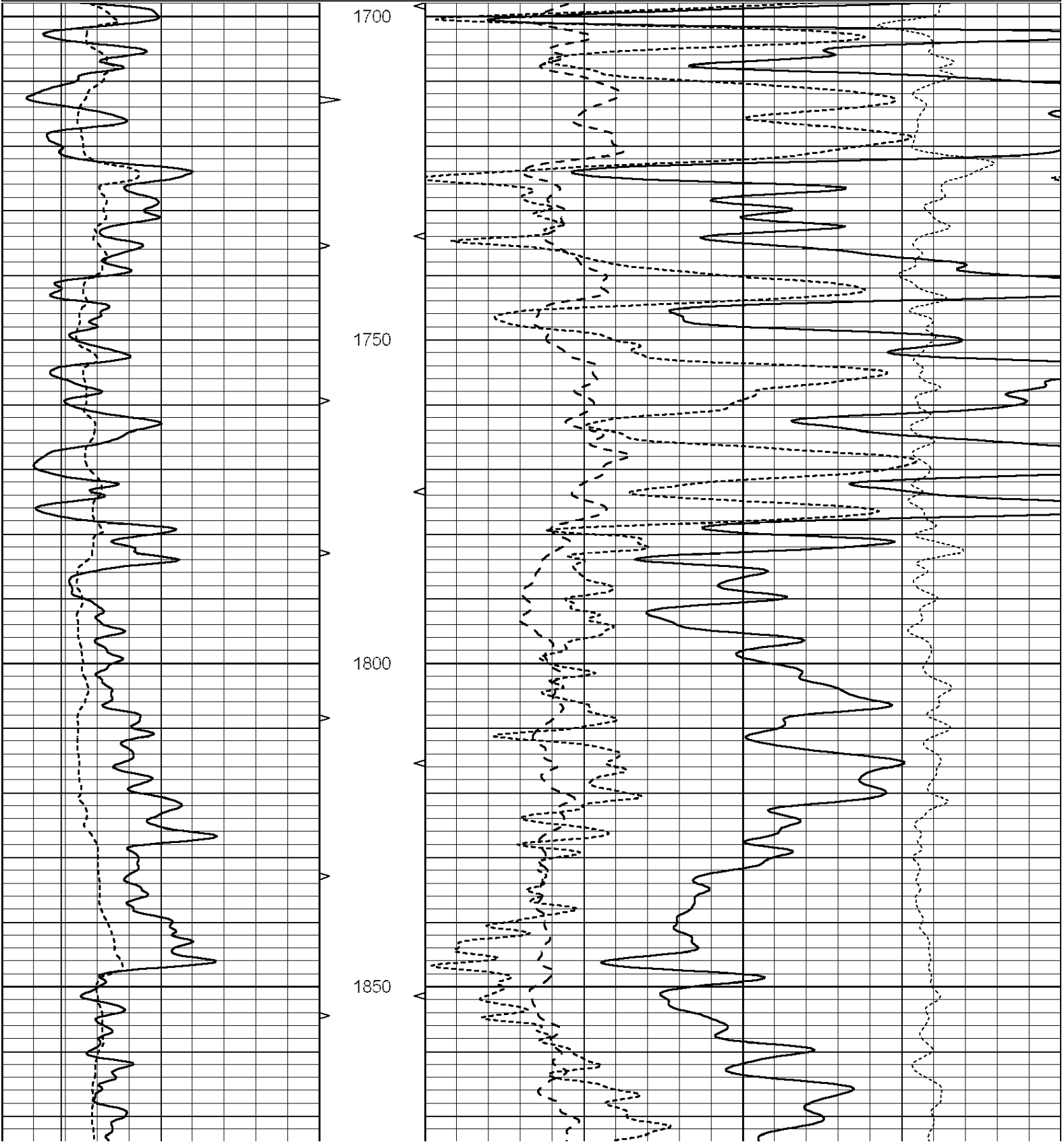
NABORS

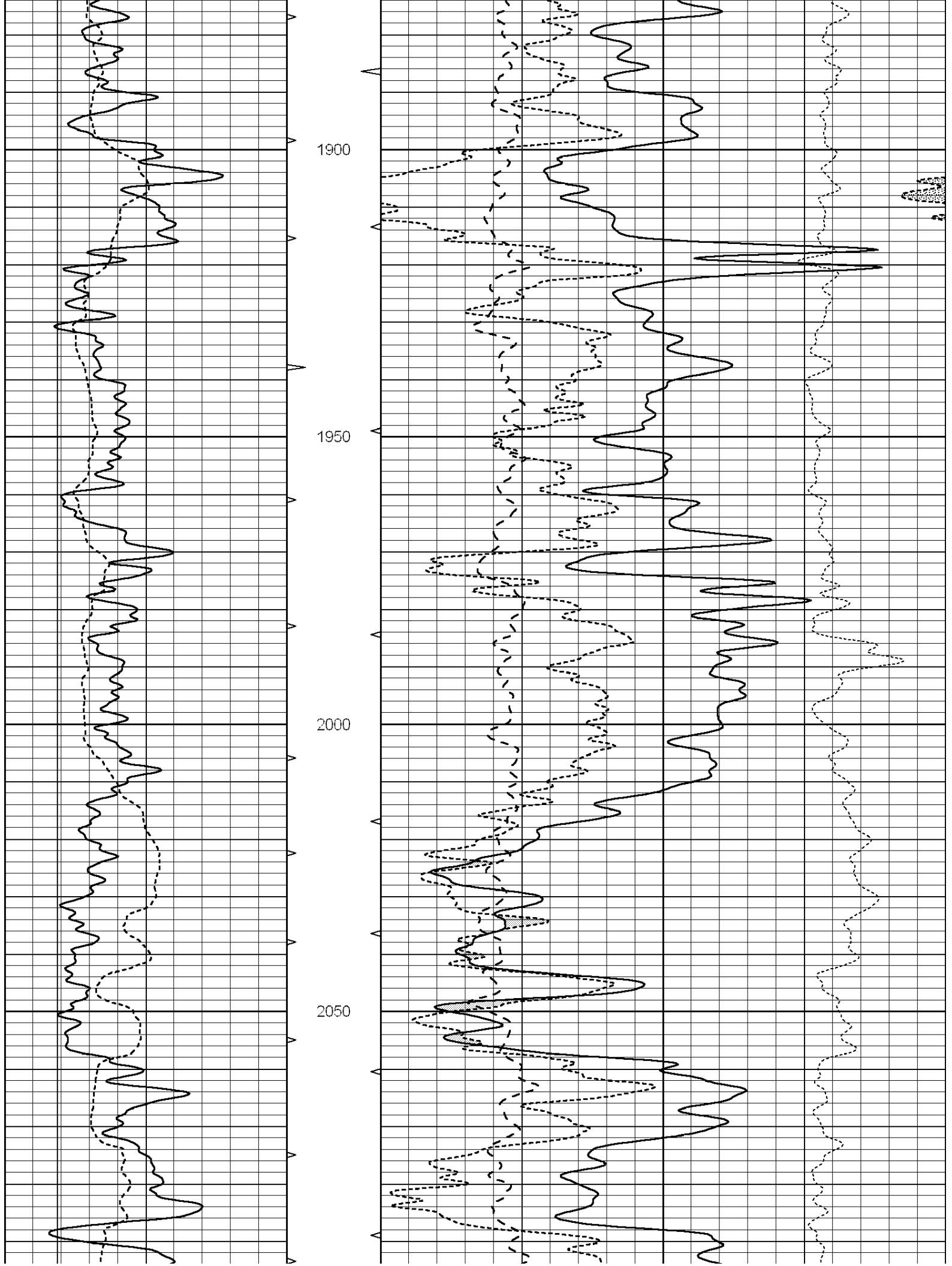
**COMPLETION
& PRODUCTION**

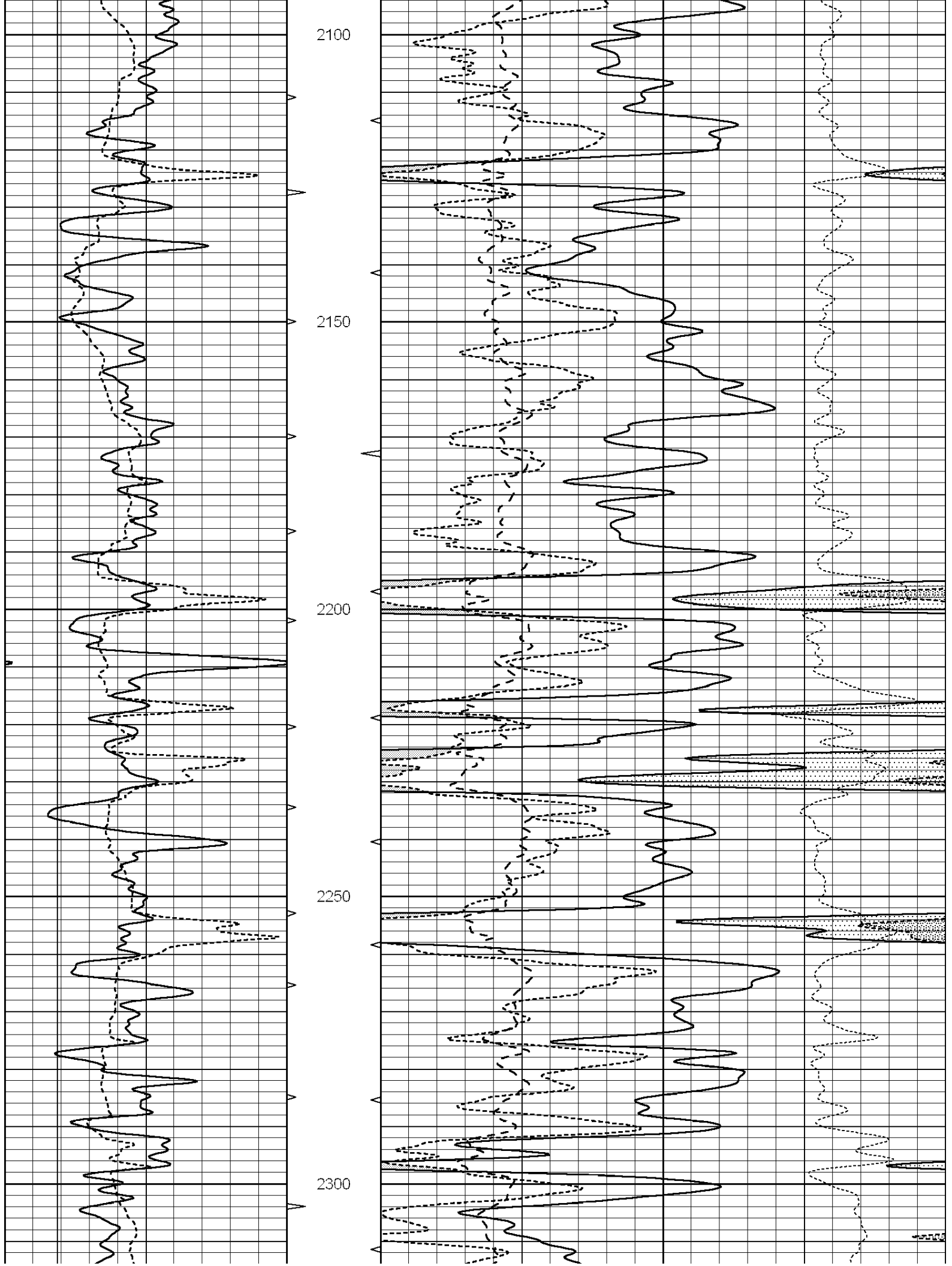
MAIN SECTION

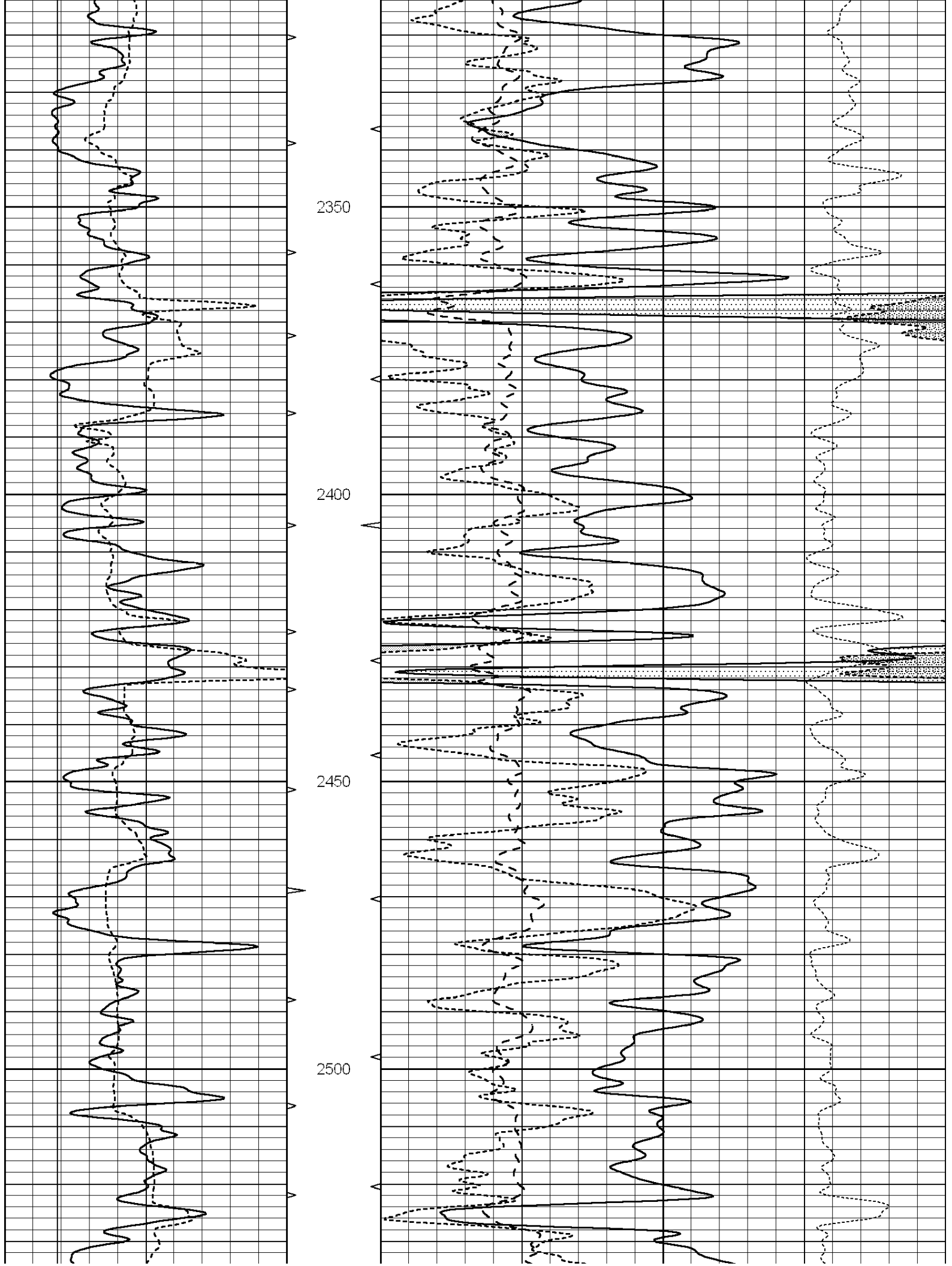
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Dataset Pathname: pass3.1
Presentation Format: _ldt_neu
Dataset Creation: Fri Jun 14 18:35:04 2013 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

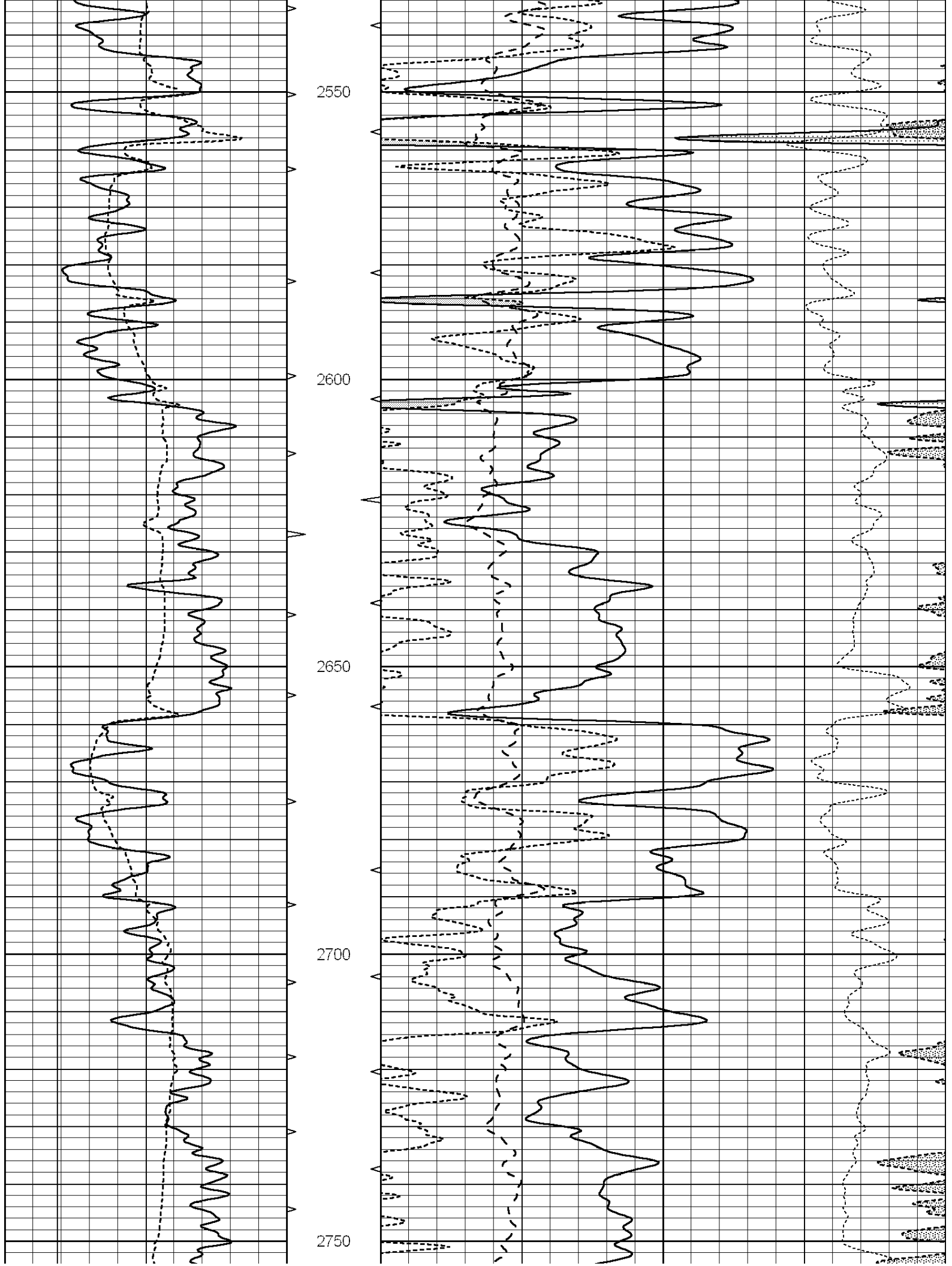
0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3) 0	30	COMPENSATED NEUTRON (pu)	-10
			TBHV	0	PE	10 -0.25 CORRECTION (g/cc) 0.25
			0 (ft3) 10			

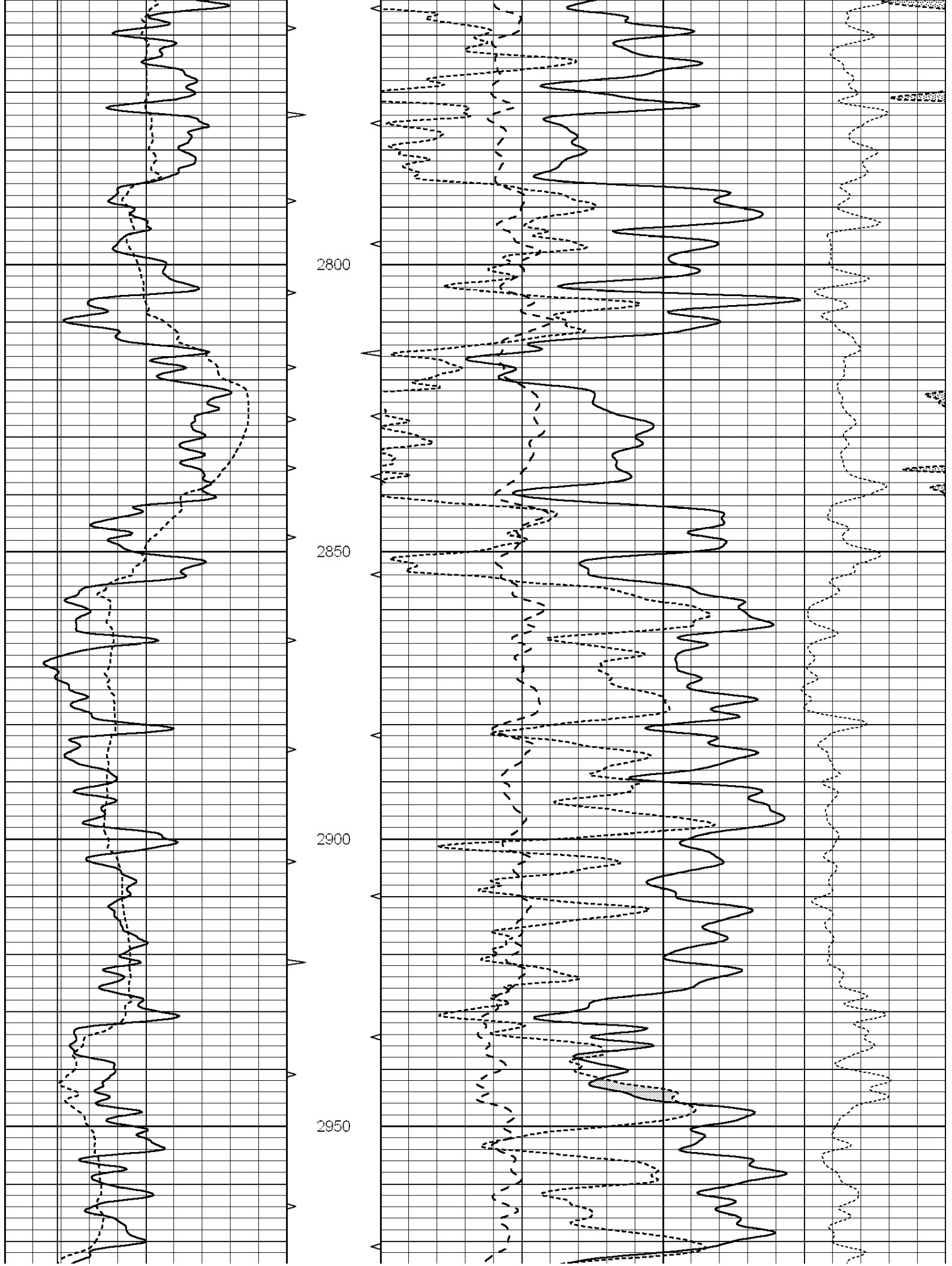


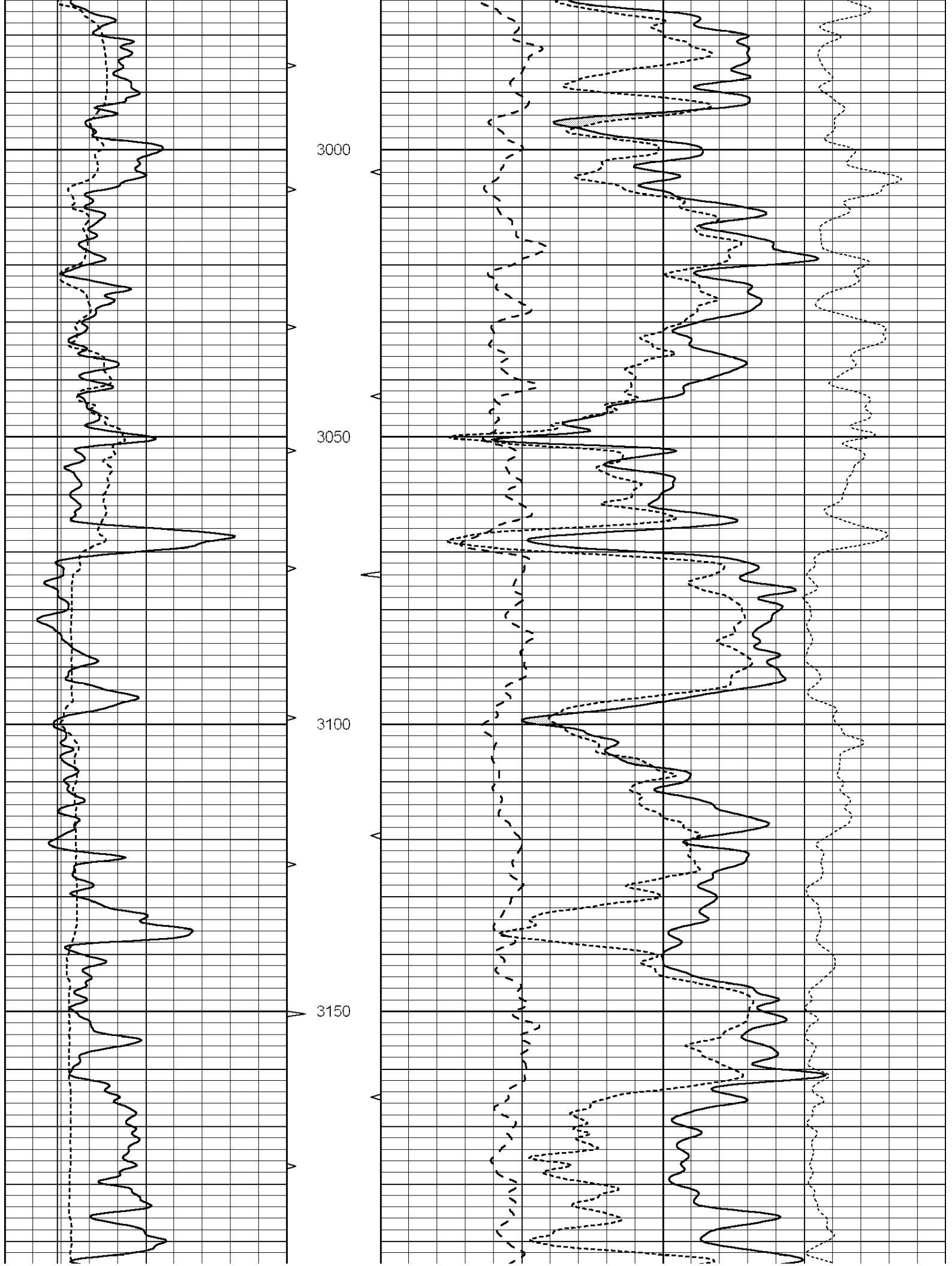


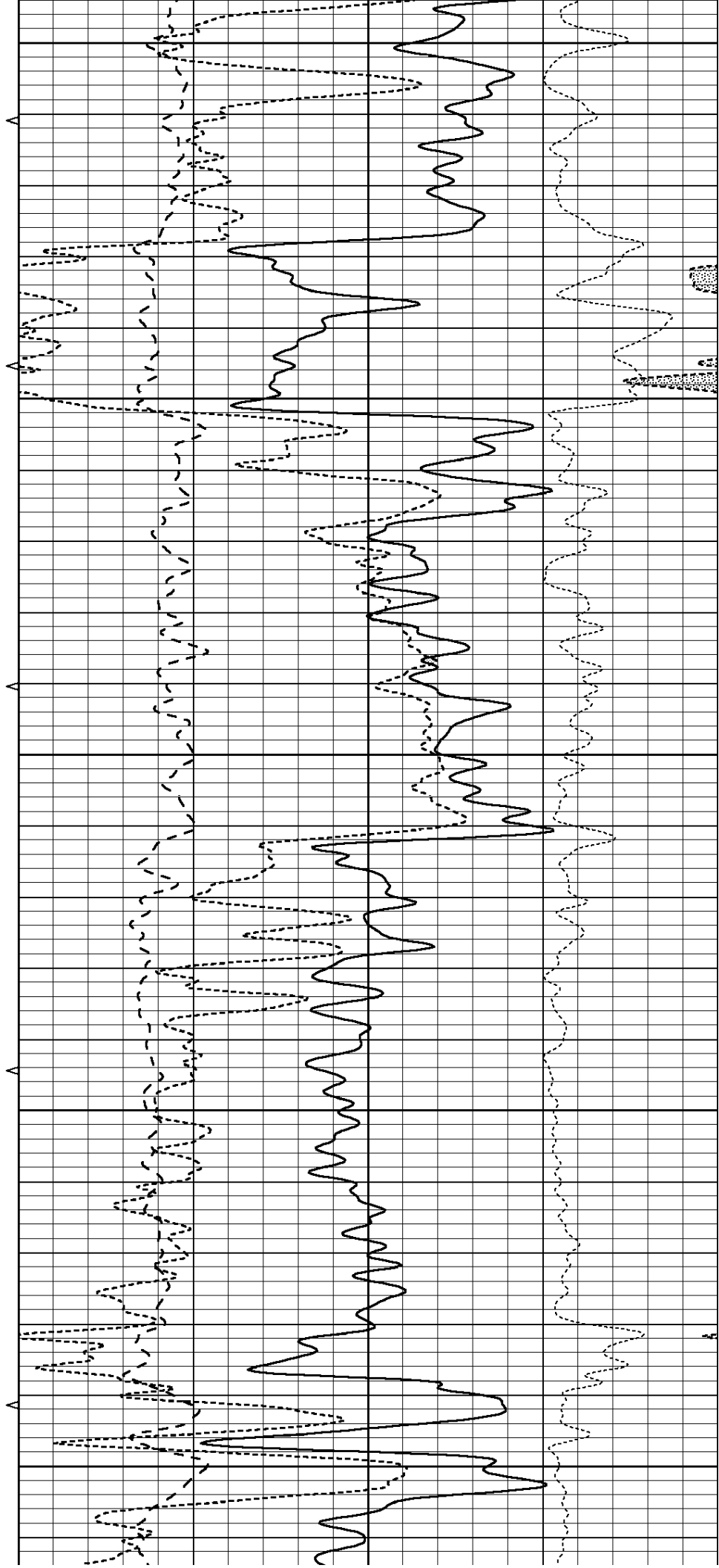
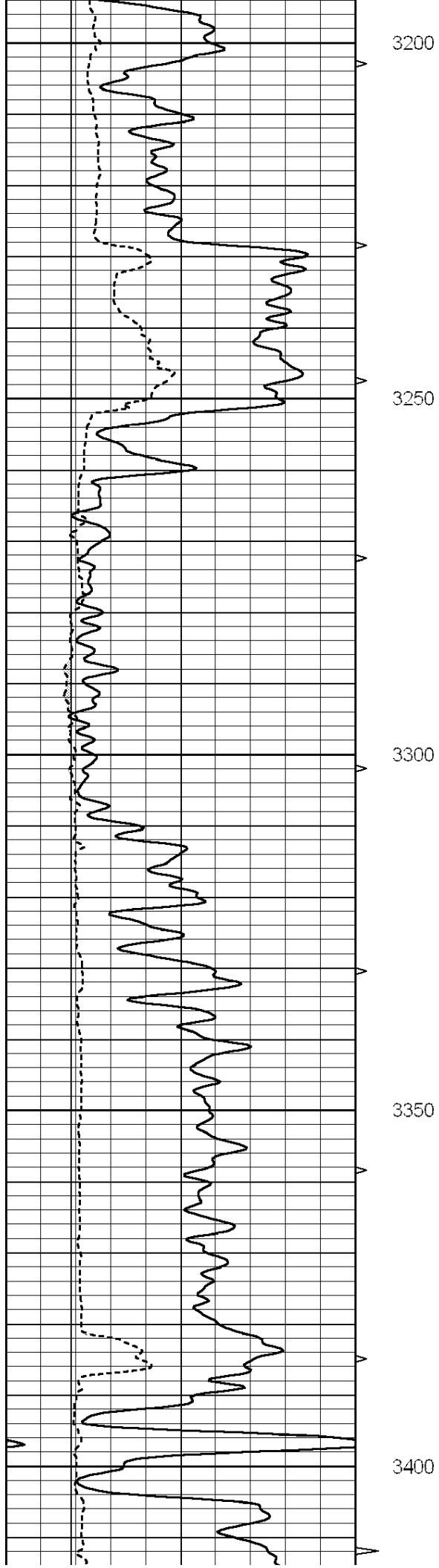


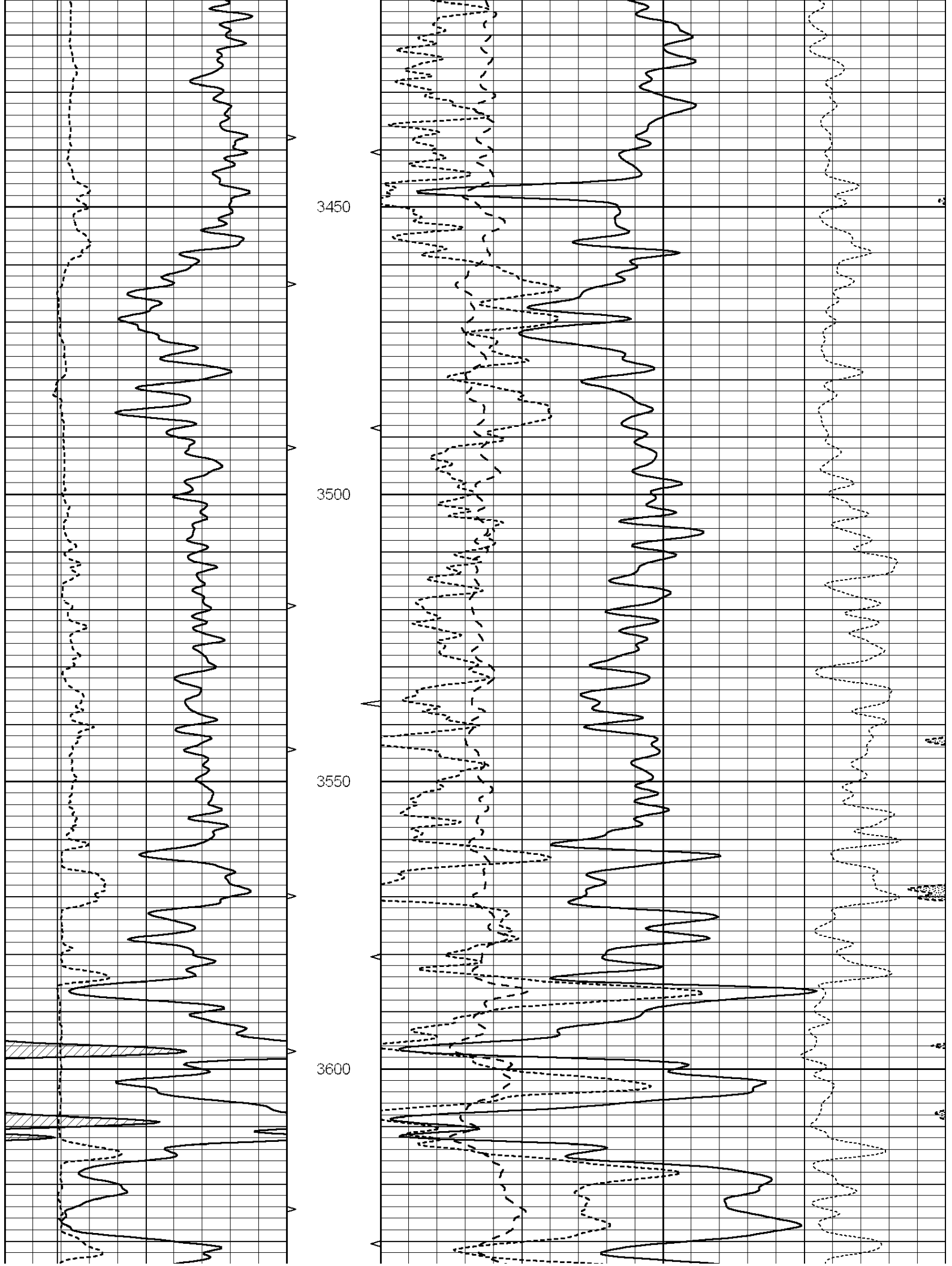


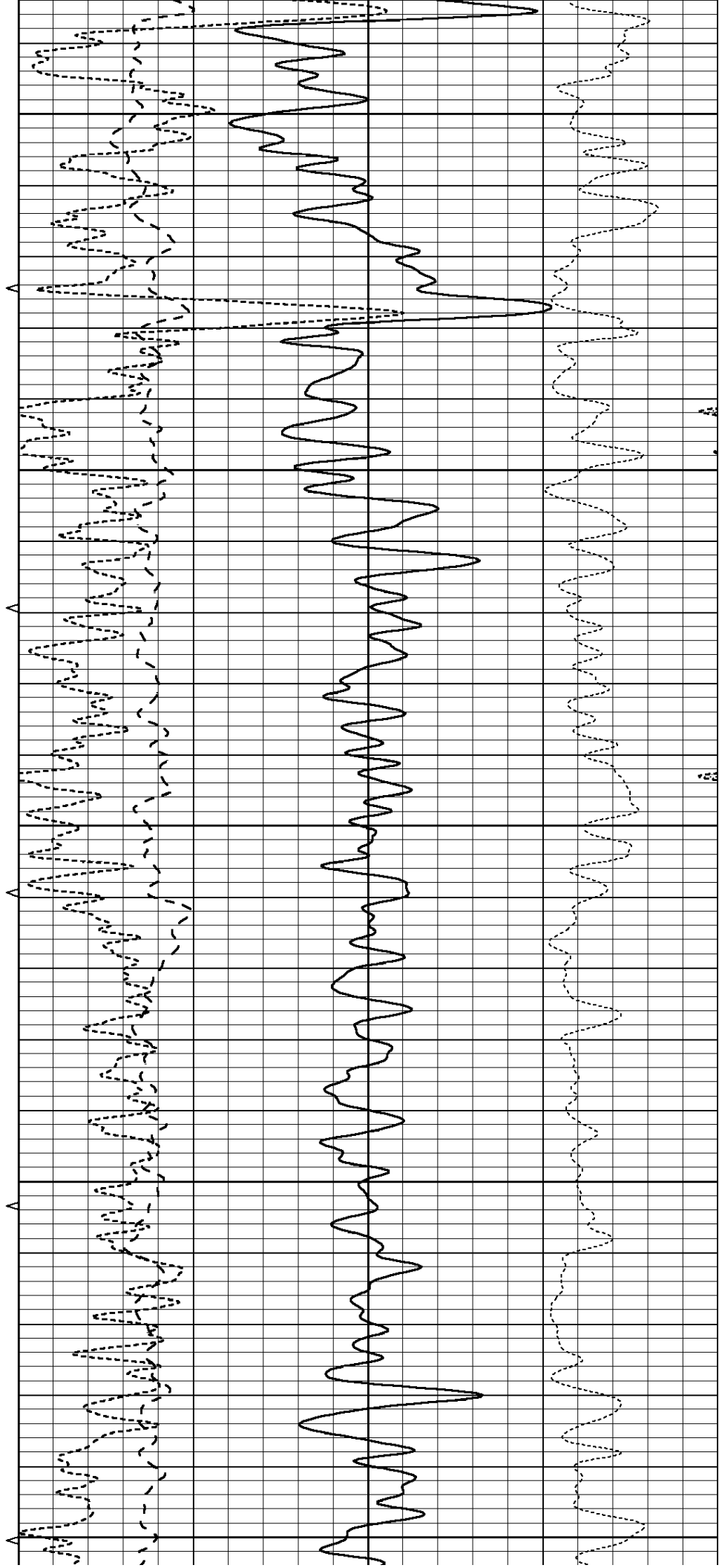
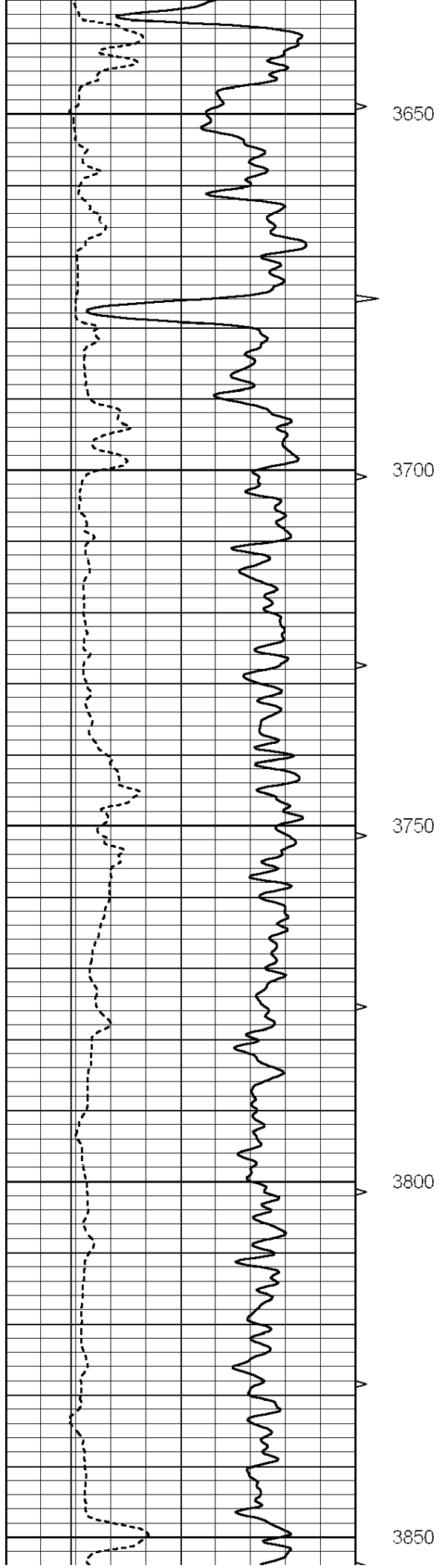


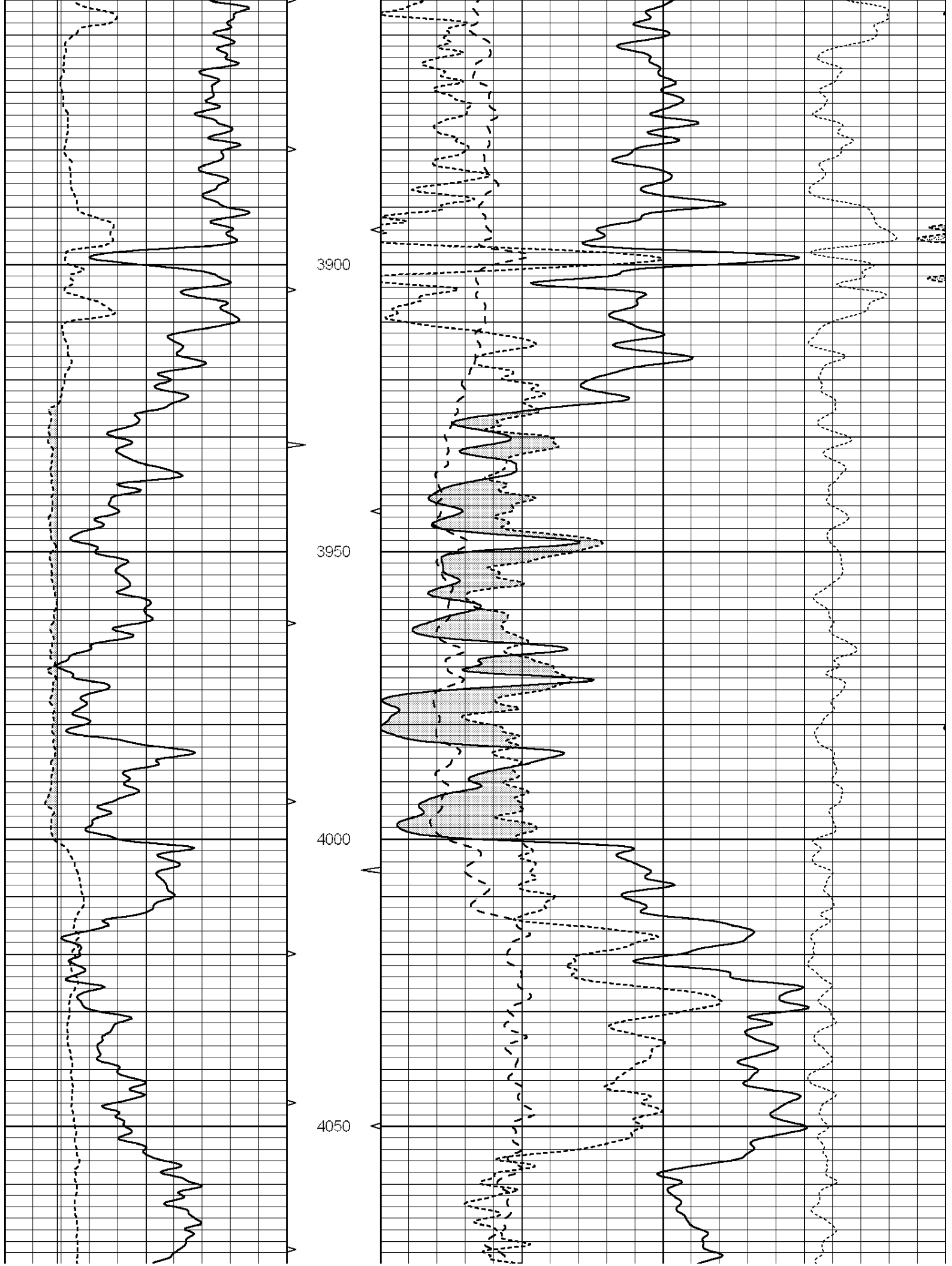


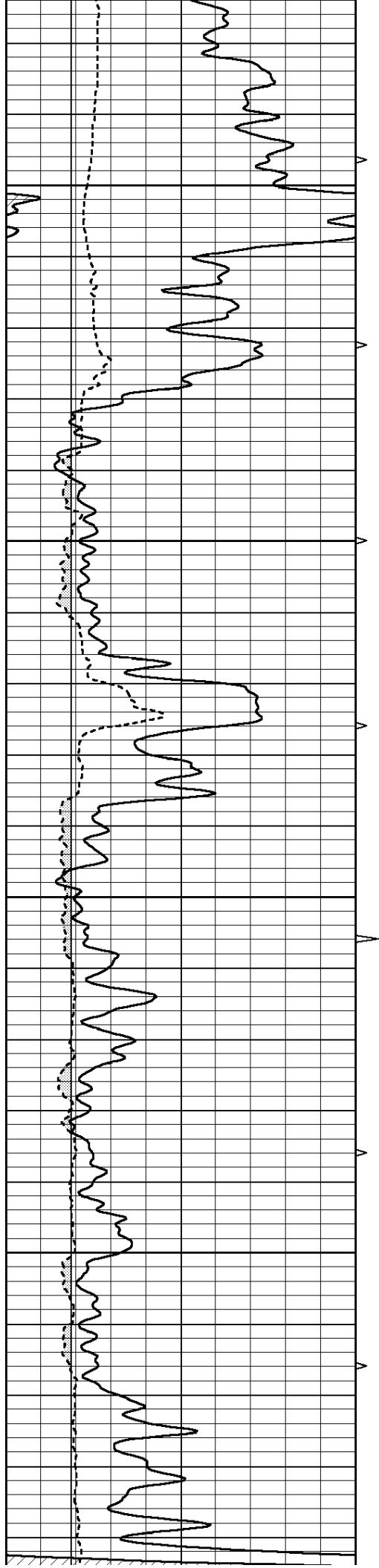










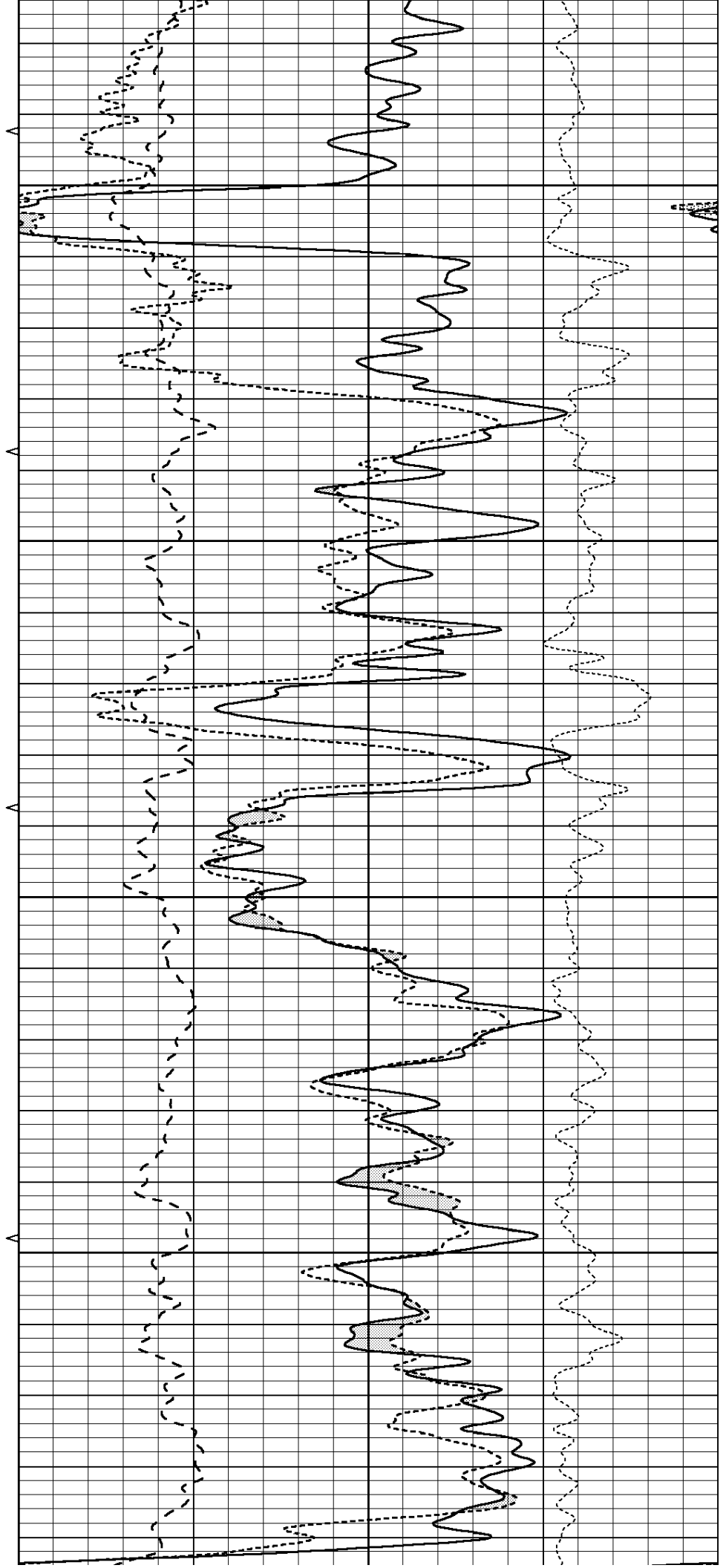


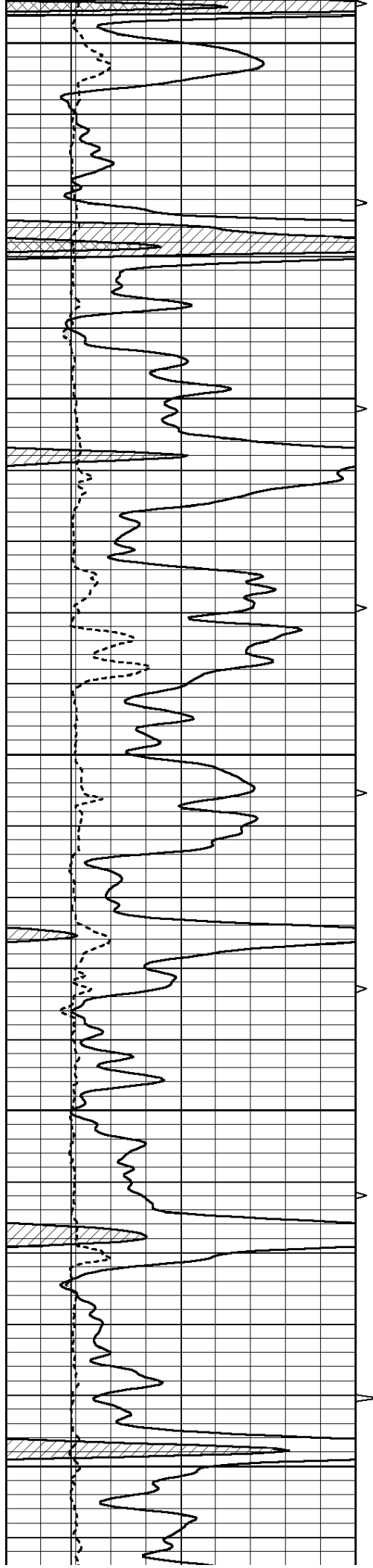
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4150

4200

4250





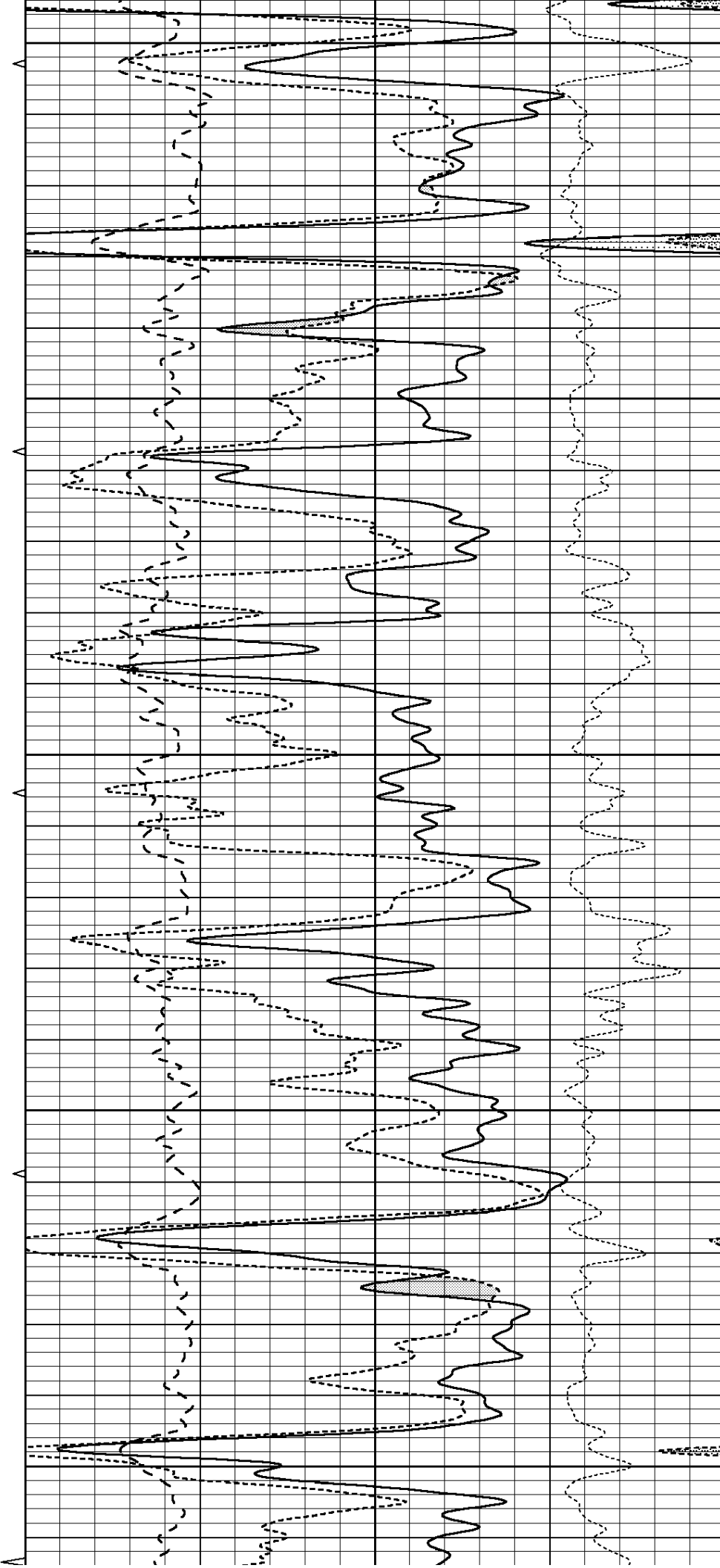
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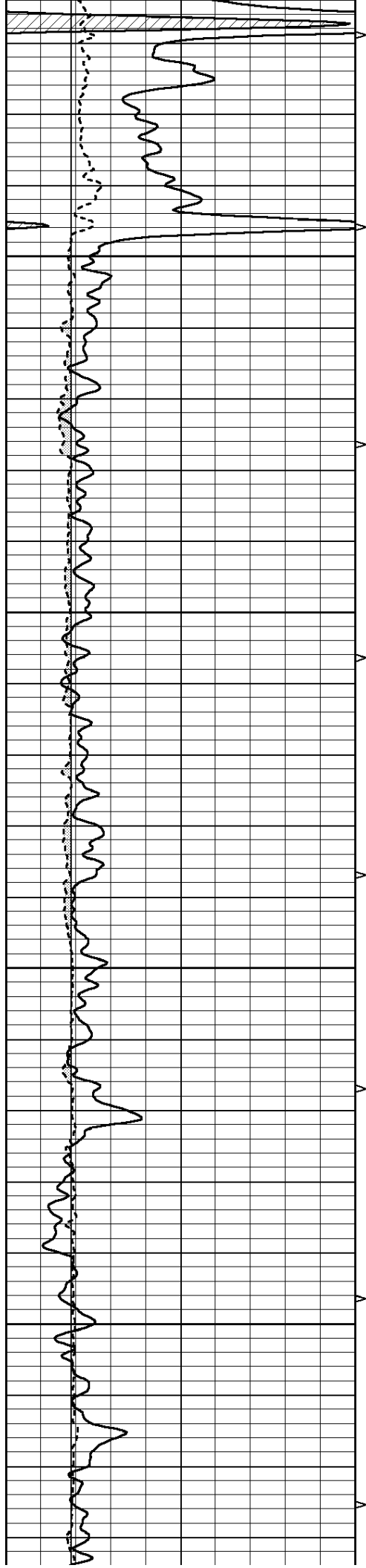
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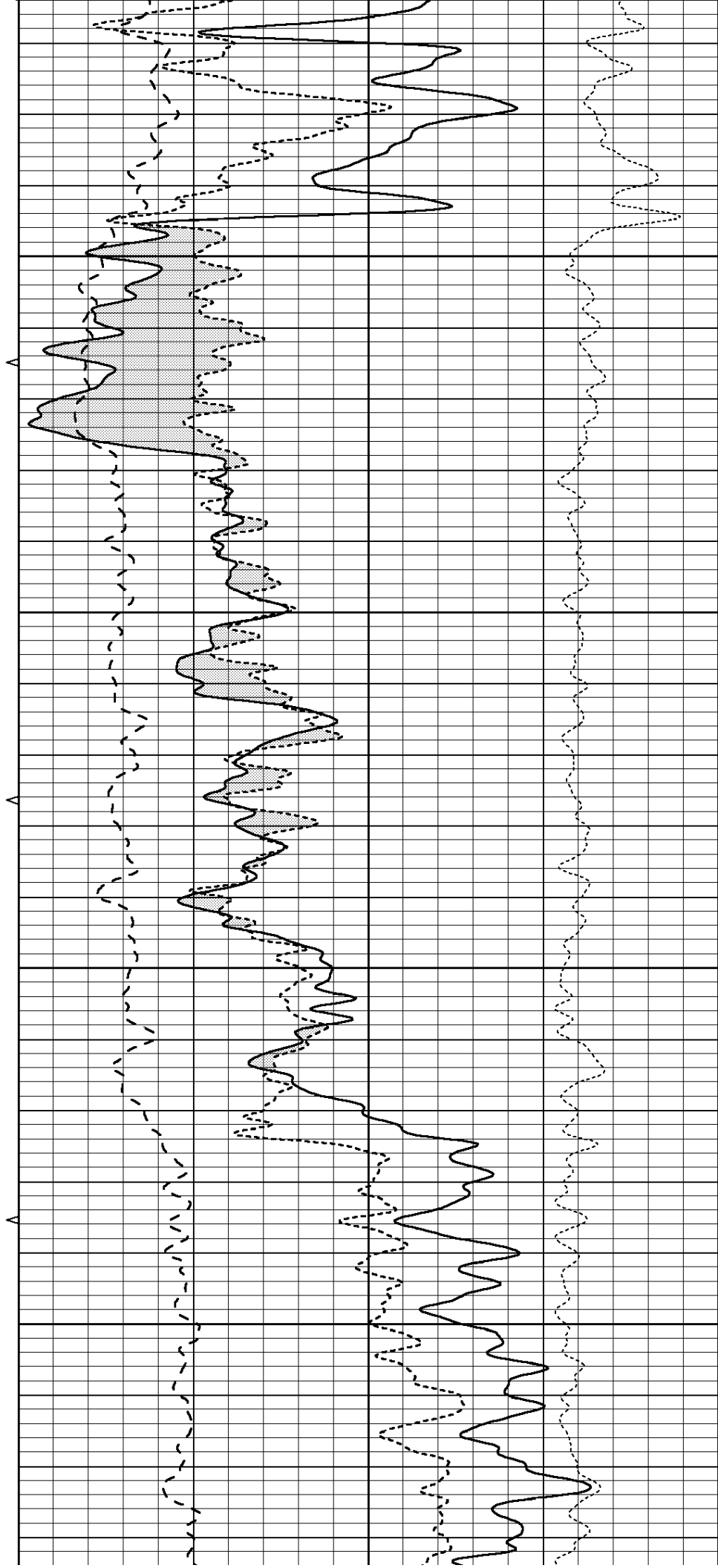


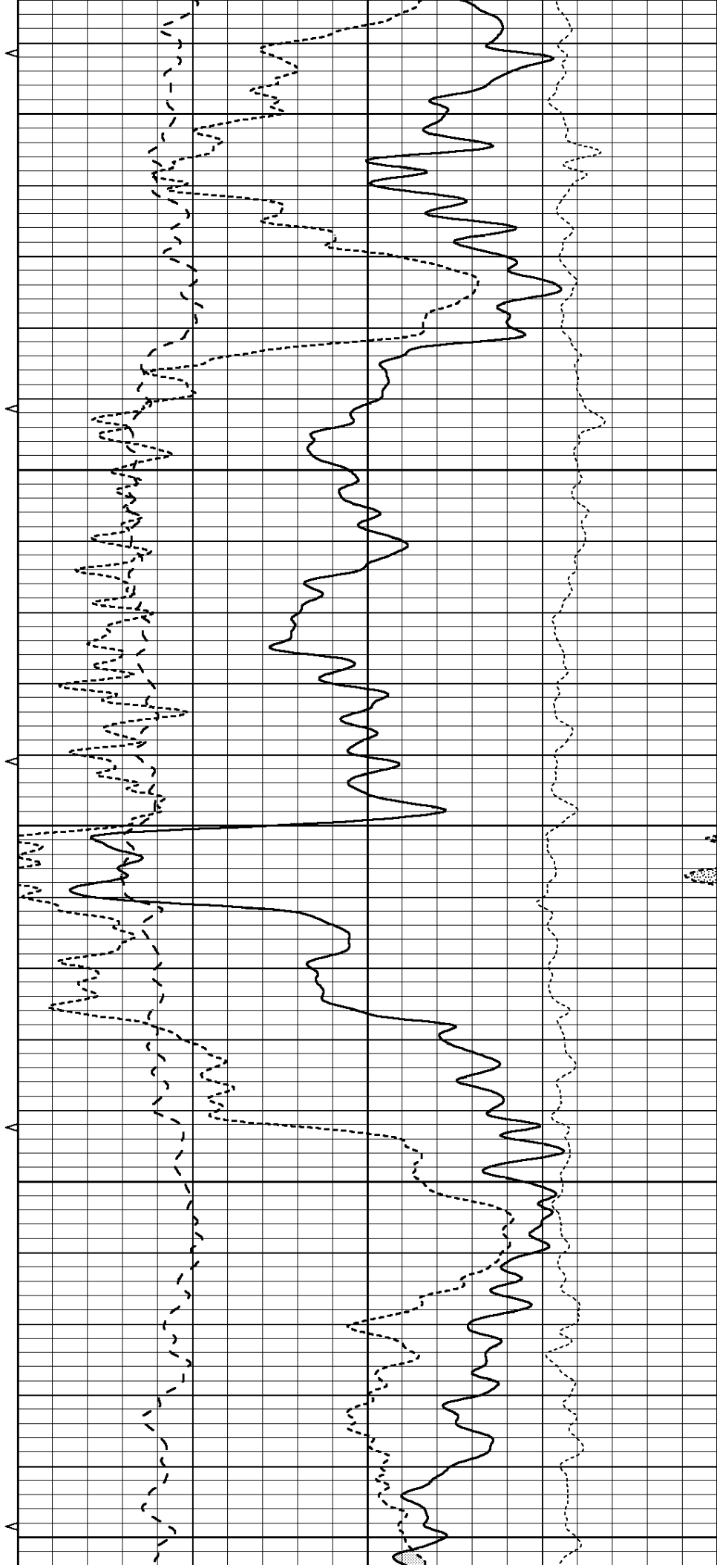
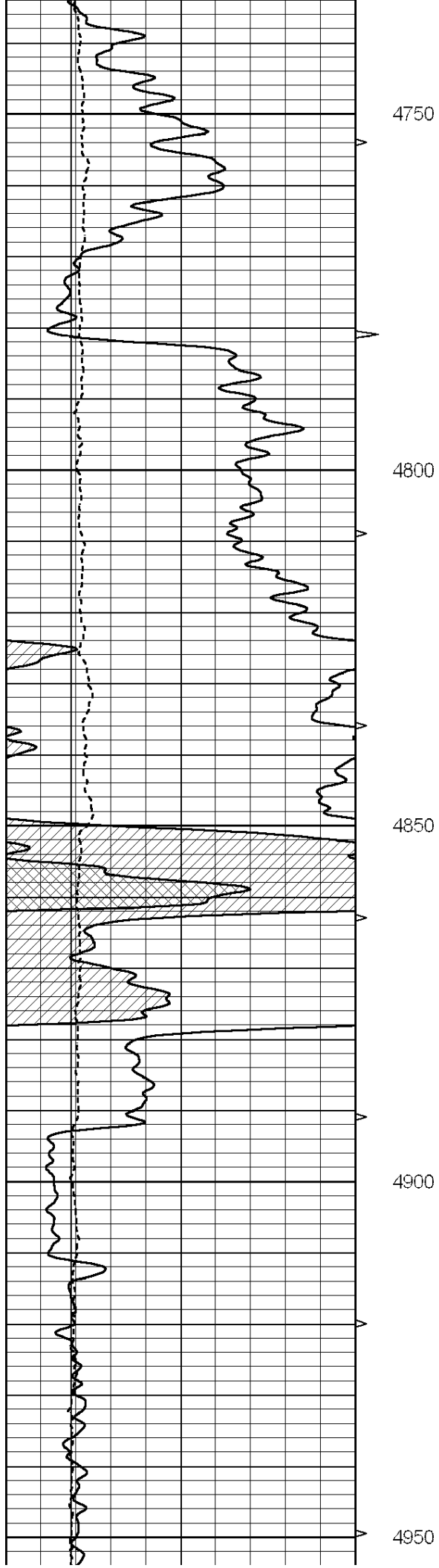
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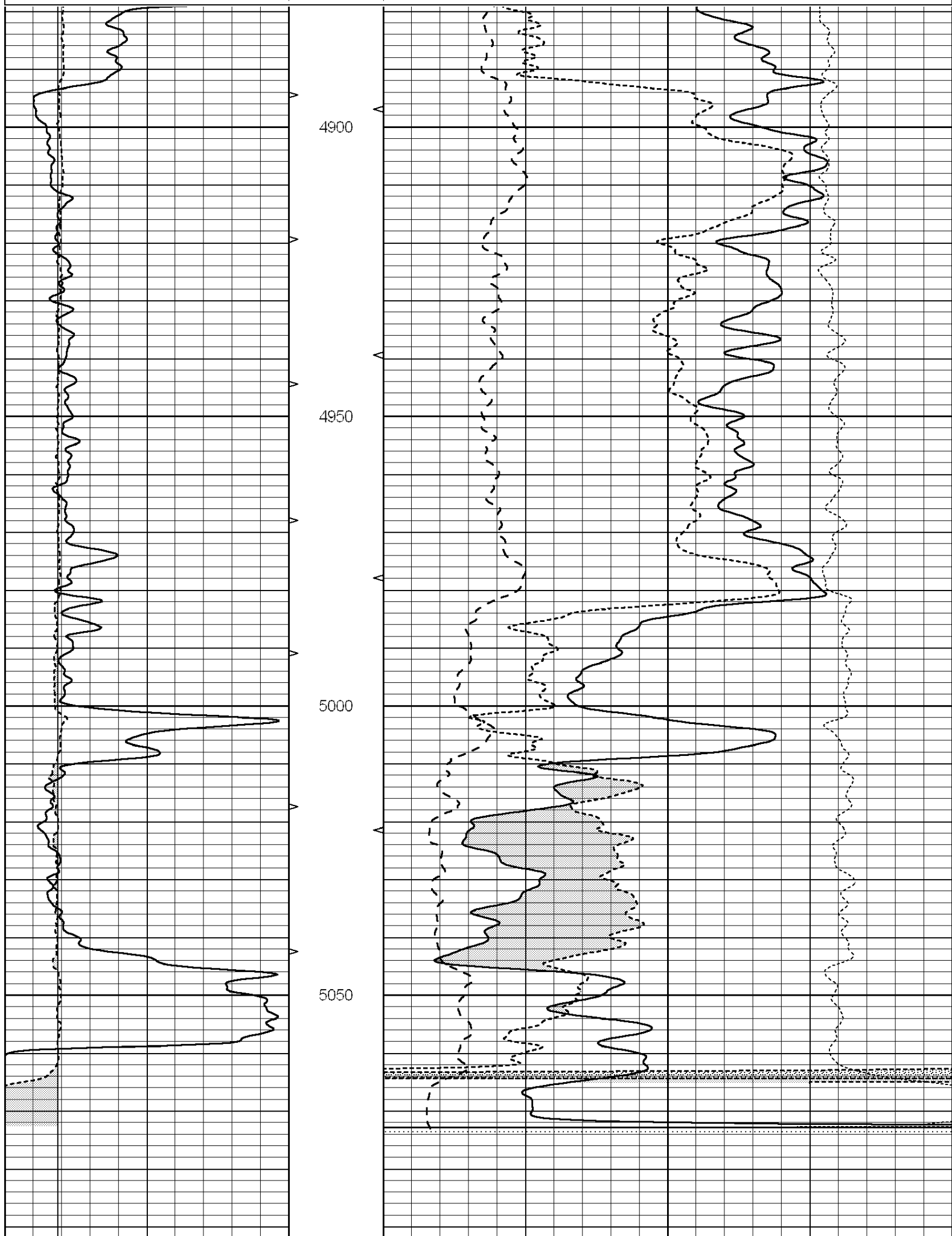
4650

4700





0 (ft3) 10



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

Database File: 011255pe.db		Calibration Report	
Dataset Pathname: pass2.1			
Dataset Creation: Fri Jun 14 17:47:27 2013 by Calc Open-Cased 090629			

Dual Induction Calibration Report	
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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

Long Space	3.0	3021.1	1555.5	7557.2	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 3.1	Reference 8.4			
High Ref	4.3	14.3			
	Gain: 4.6		Offset: -7.3		
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			