

**NABORS****COMPLETION
& PRODUCTION
SERVICES CO.****COMPENSATED
DENSITY/NEUTRON
LOG**

Company	TEXAS COASTAL OPERATING CO., LLC.		
Well	SCHLEGEL #6		
Field	WEBS SOUTHWEST		
County	RUSH	State	KANSAS
Location:	API # : 15-165-22024-0000 330' FSL & 480' FEL W/2 - SE - SE - SE		Other Services DIL
Permanent Datum	SEC 17 TWP 19S RGE 20W	Elevation	
Log Measured From	GROUND LEVEL	Elevation	2304
Drilling Measured From	KELLY BUSHING 10' A.G.L. KELLY BUSHING	D.F.	2312
		G.L.	2304
Date	5/27/13		
Run Number	ONE		
Depth Driller	4529		
Depth Logger	4529		
Bottom Logged Interval	4505		
Top Log Interval	2400		
Casing Driller	8 5/8" @ 1280'		
Casing Logger	1280'		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES	6,100 PPM
Density / Viscosity	9.4/66		
pH / Fluid Loss	10.0/9.6		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.60 @ 94F		
Rmf @ Meas. Temp	0.45 @ 94F		
Rmc @ Meas. Temp	0.72 @ 94F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	0.47 @ 121F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	121F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	JEFF GRONEMEG		
Witnessed By	ROD ANDERSEN		

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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.

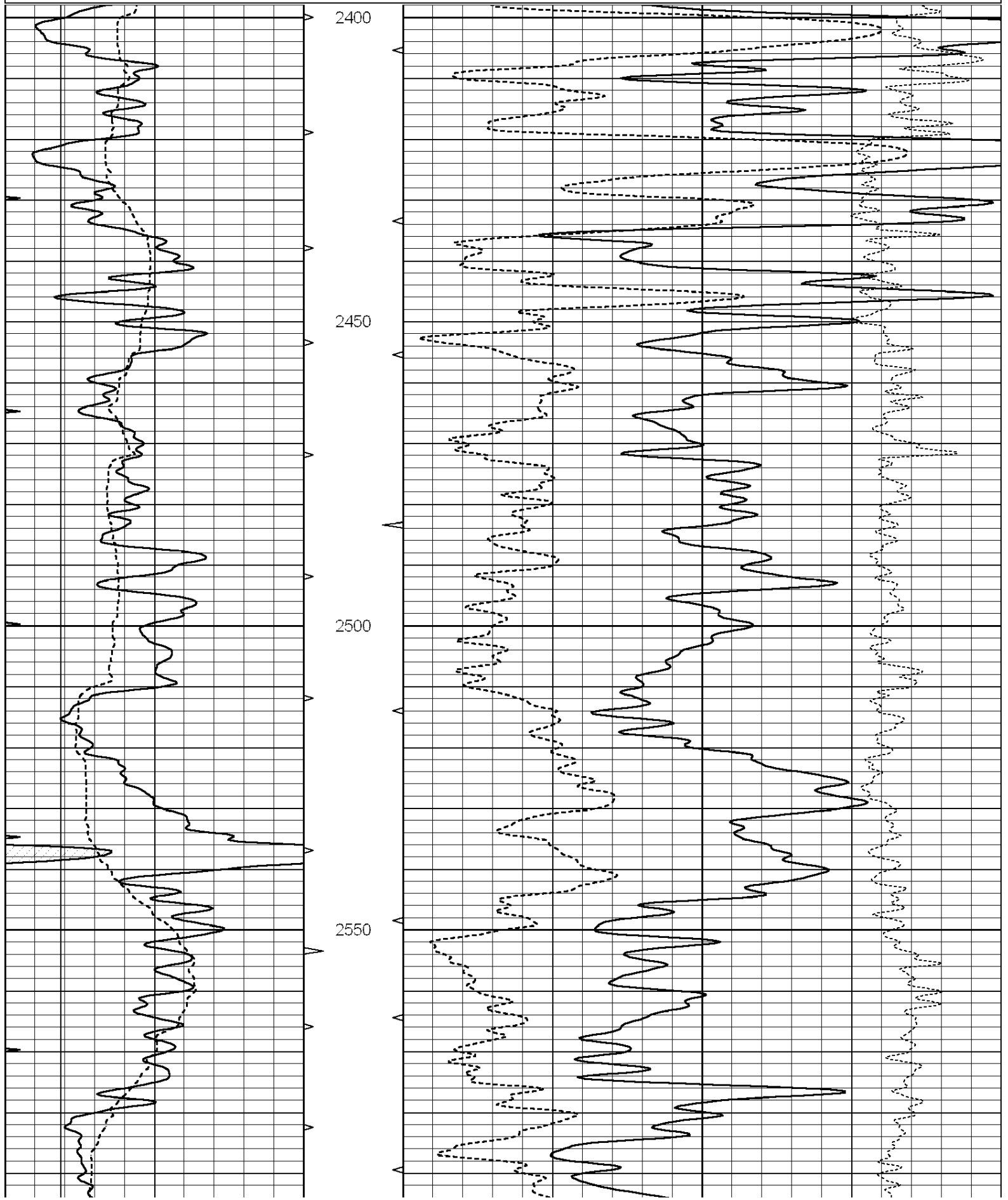
Comments

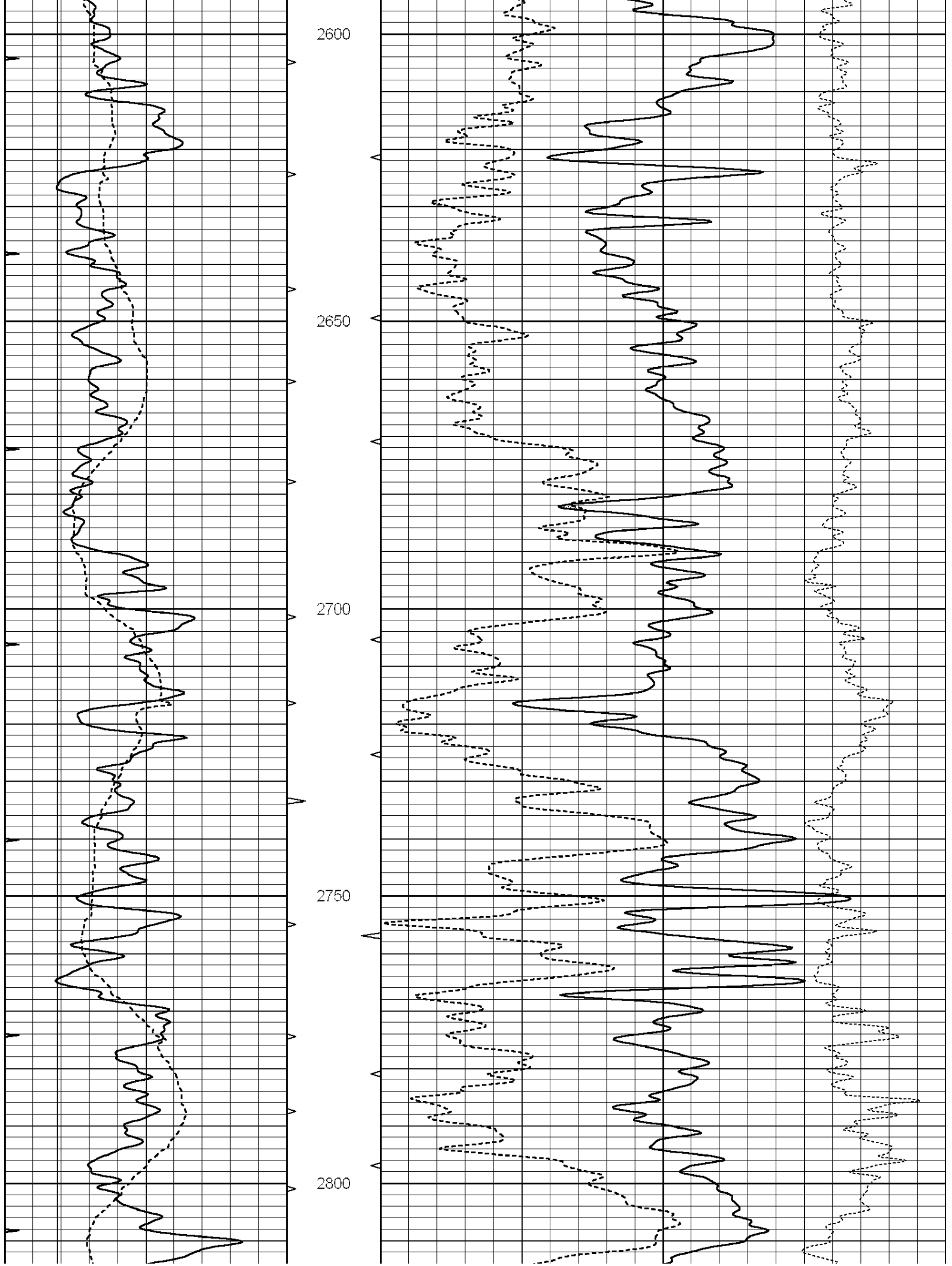
THANK YOU FOR USING NABORS COMPLETION & PRODUCTION SVCS. (785) 628-6395

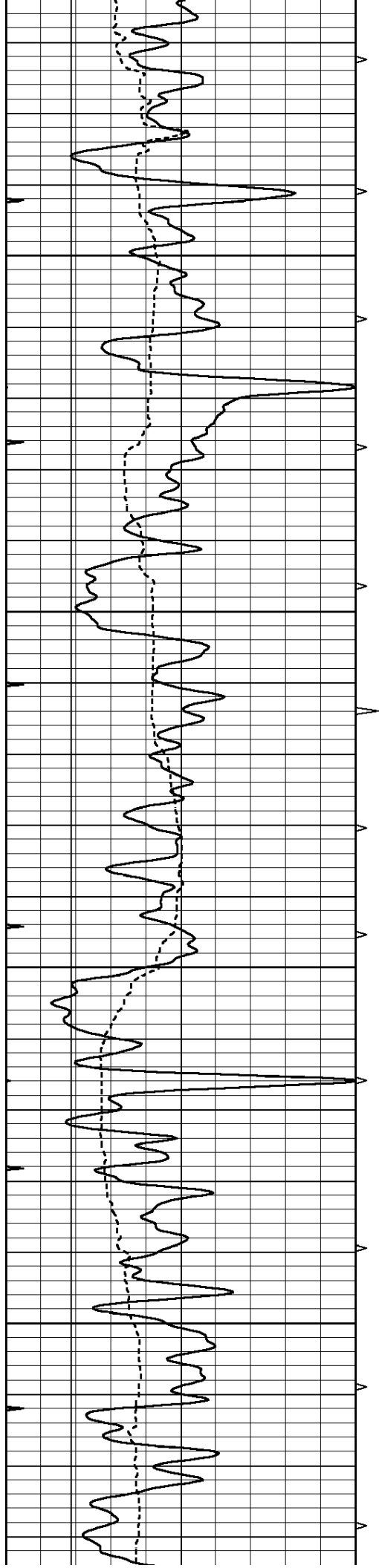
DIRECTIONS:
ALEXANDER, KS - 5 MILES SOUTH TO RD V - 1/4 MILE WEST
NORTH INTO

Database File: 010795ddn.db
Dataset Pathname: pass3.2
Presentation Format: _den_neu
Dataset Creation: Mon May 27 13:24:22 2013
Charted by: Depth in Feet scaled 1:240

Charted by:		Depth in Feet scaled 1:2.15				
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		





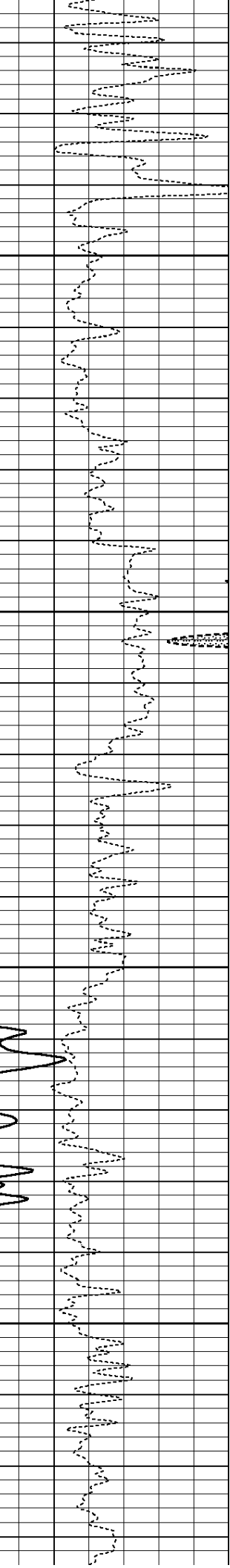
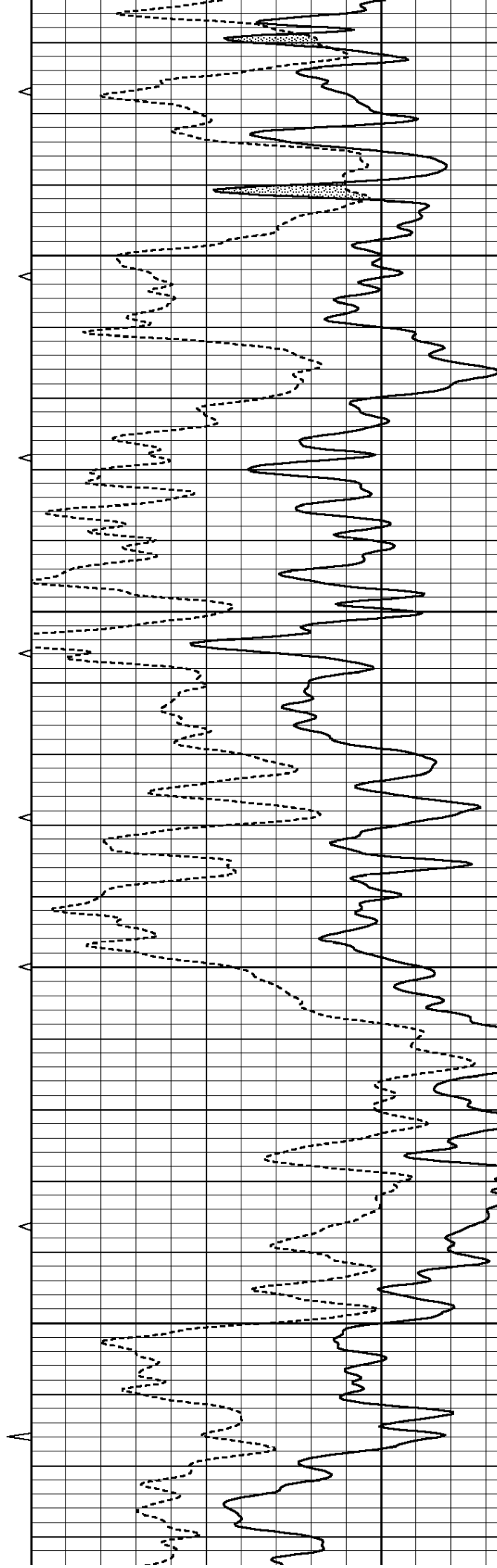


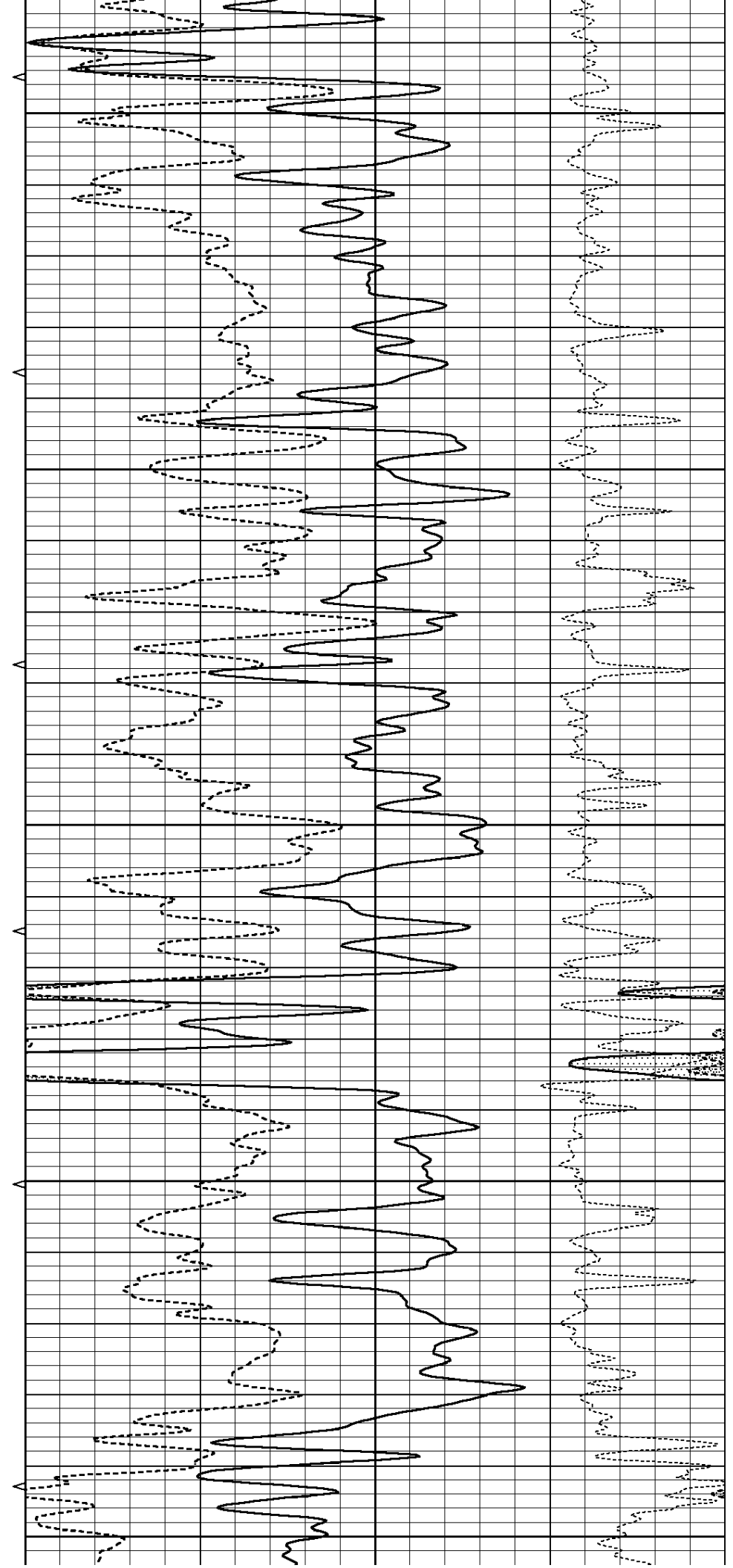
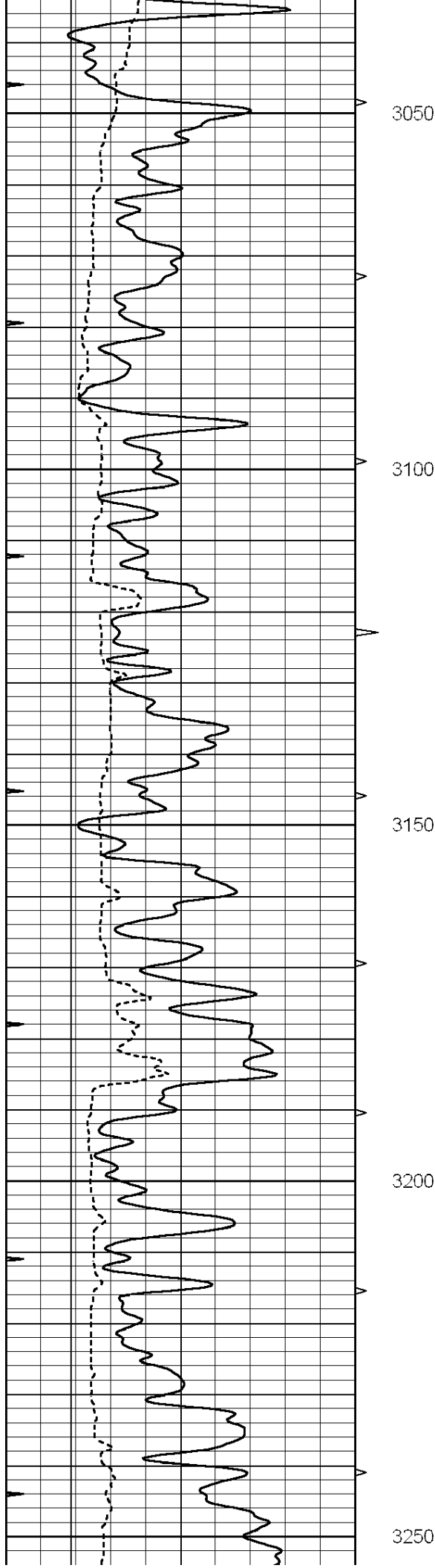
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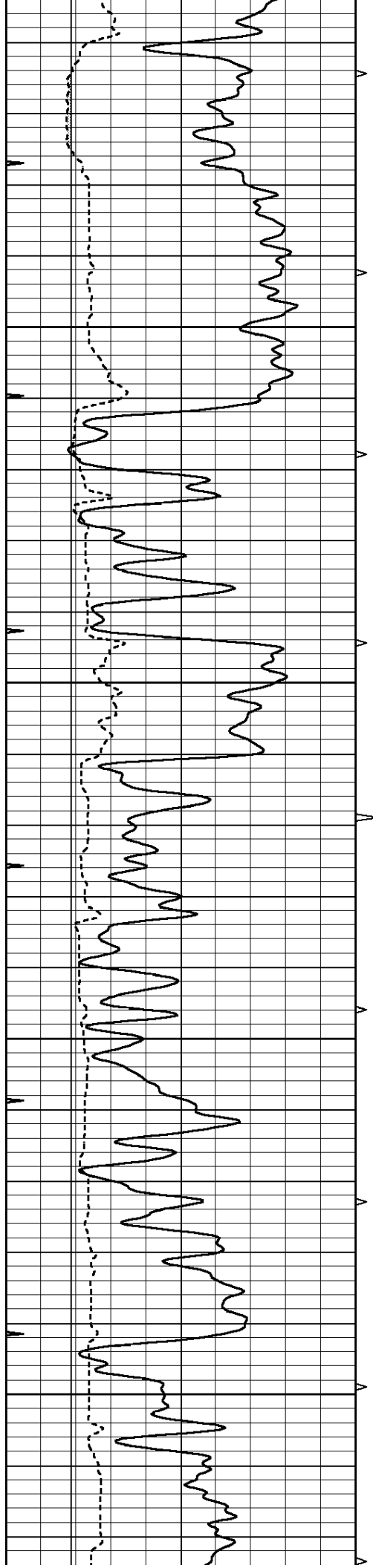
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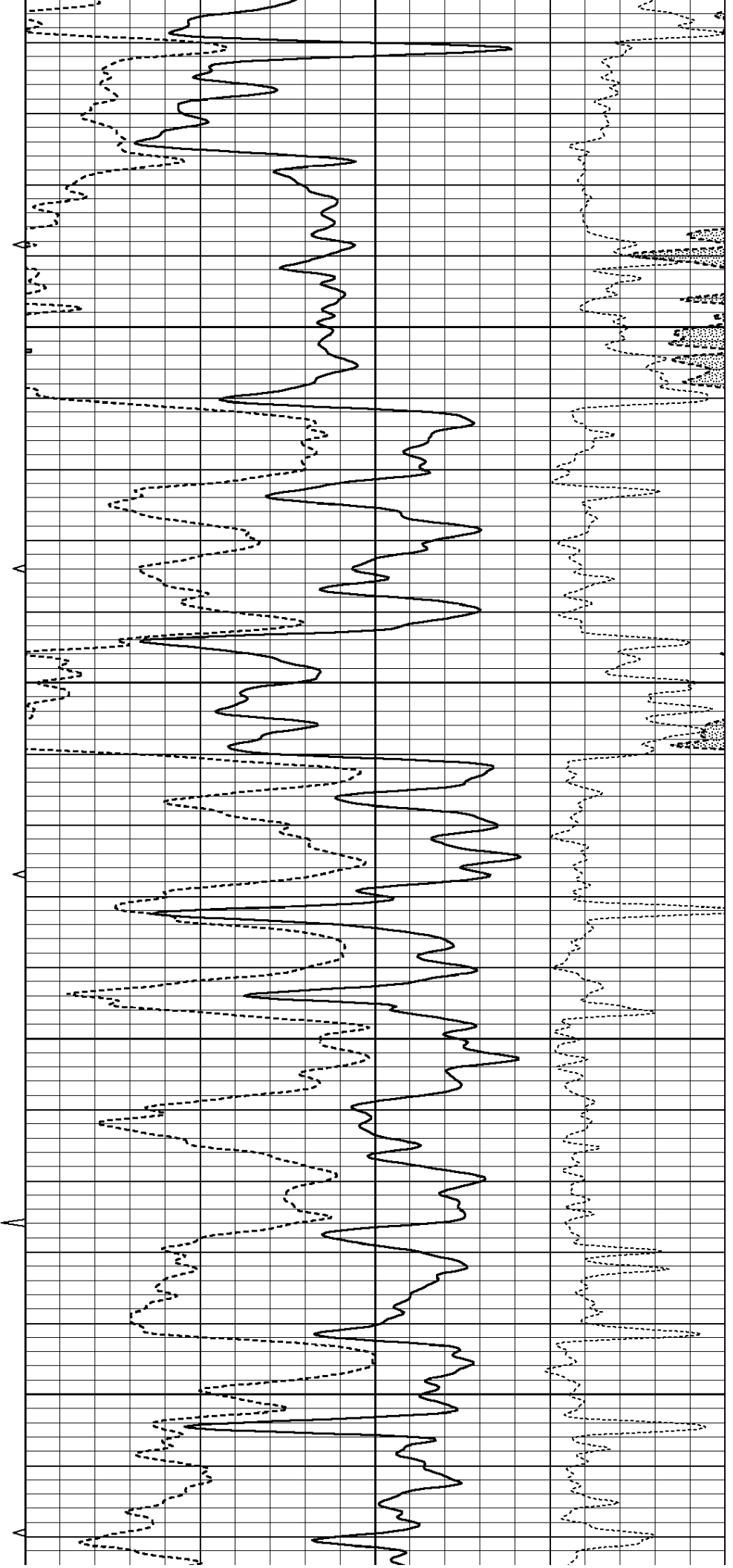
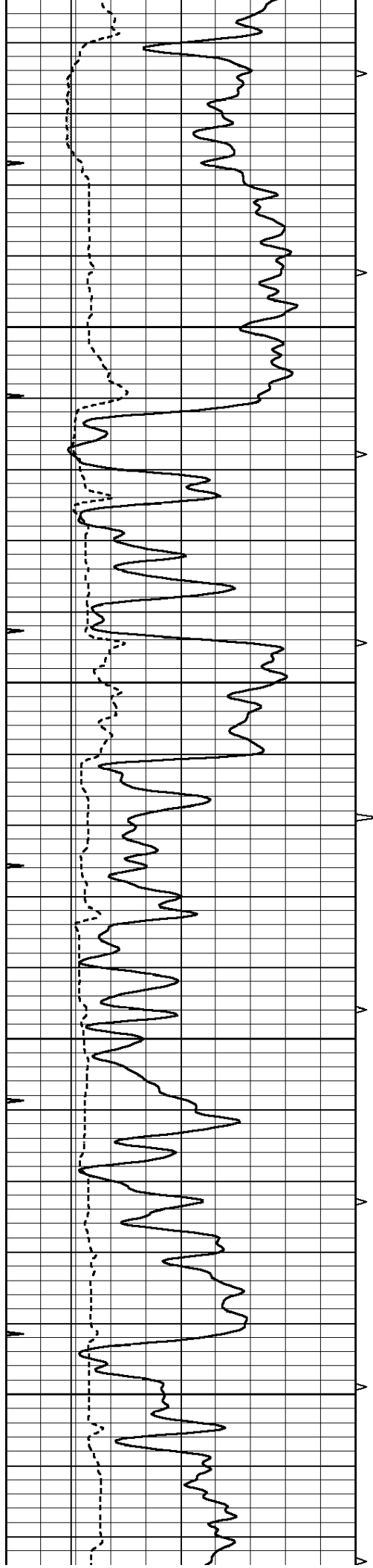
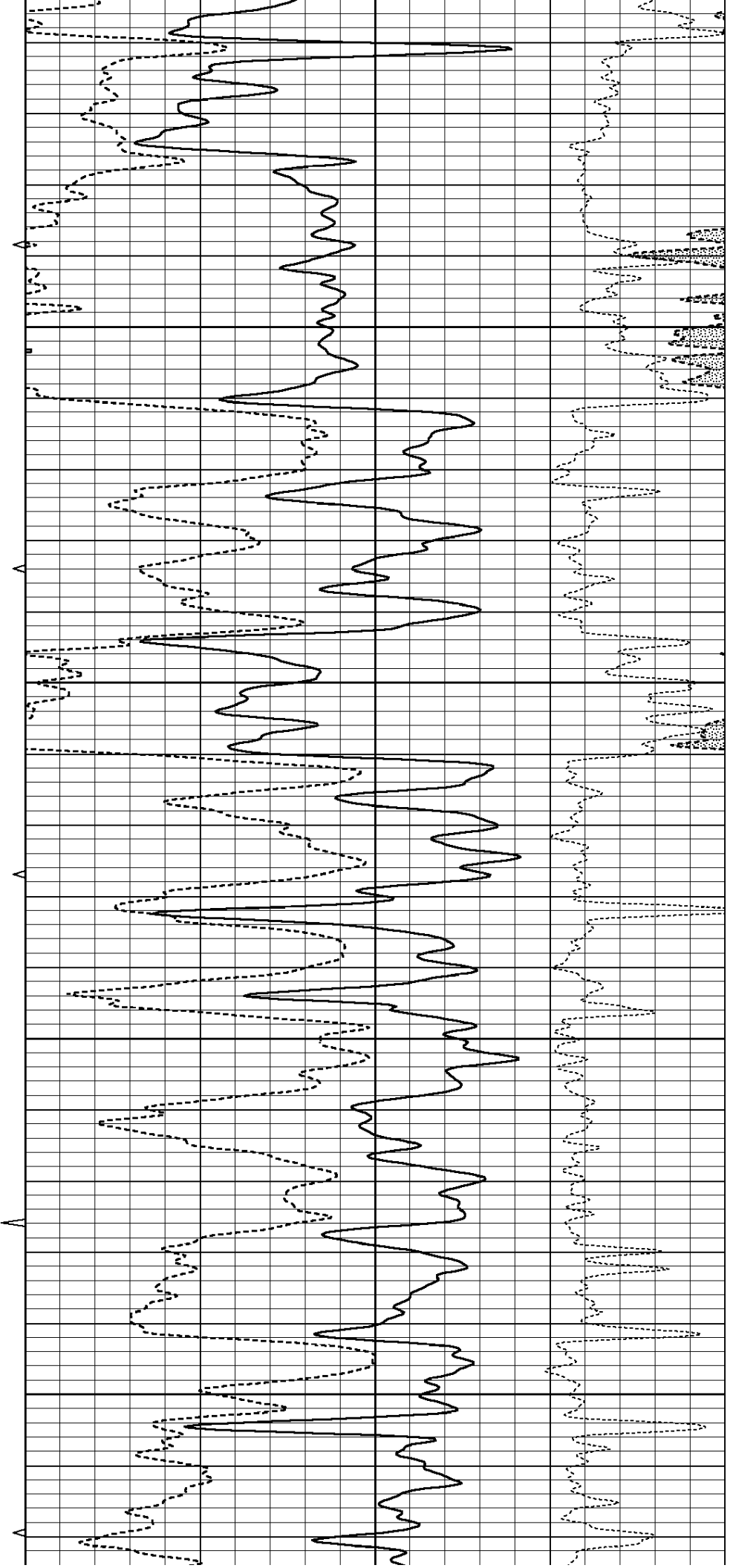


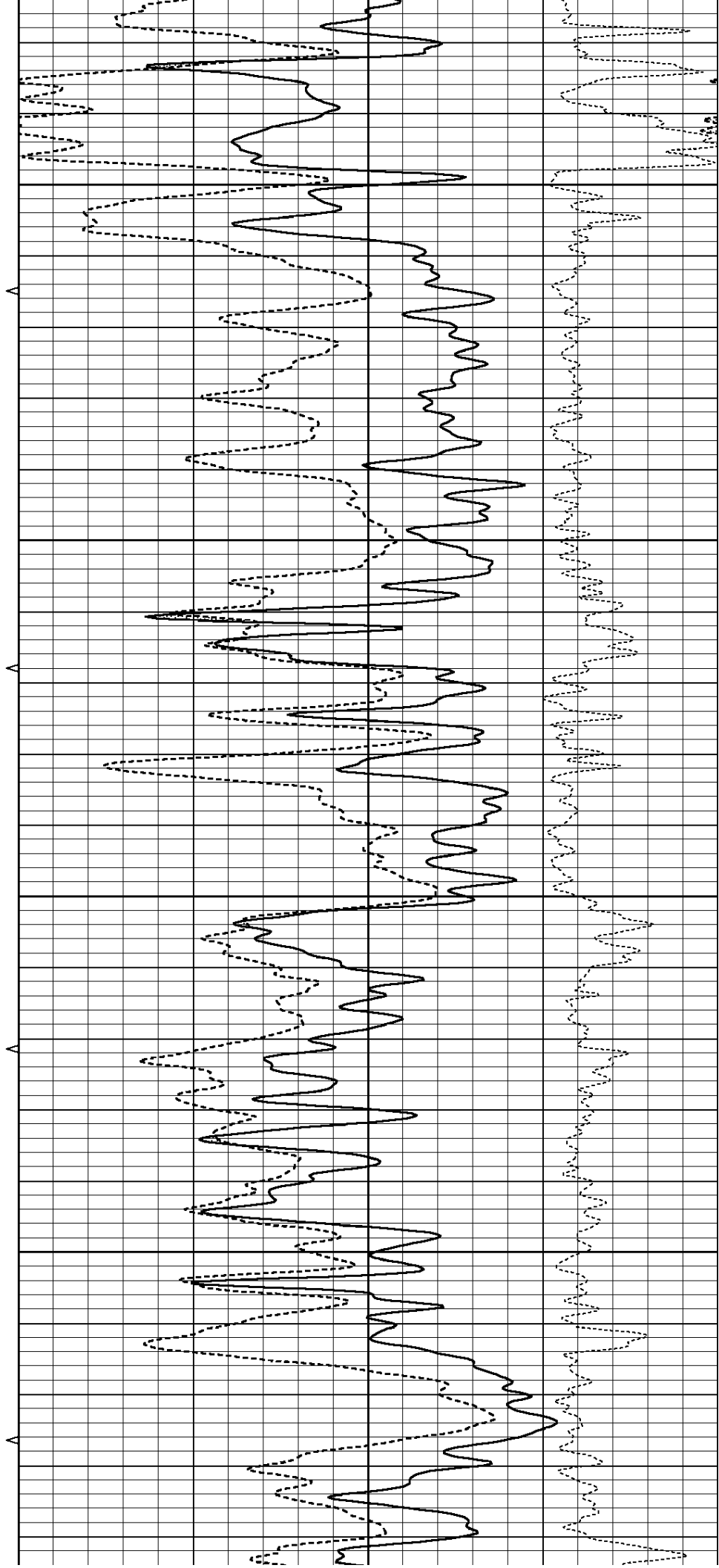
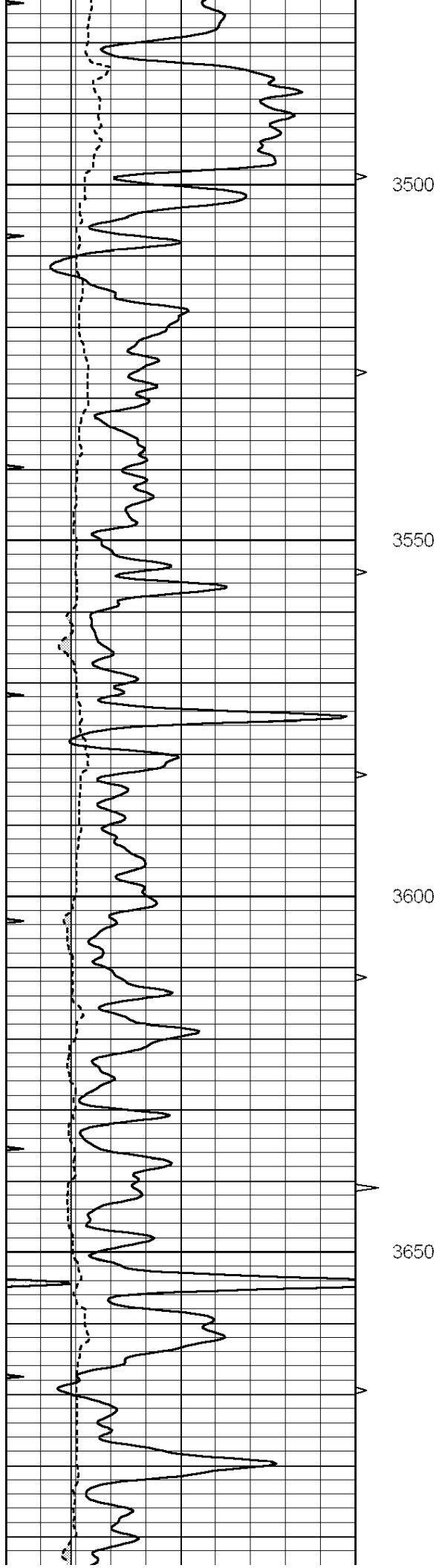
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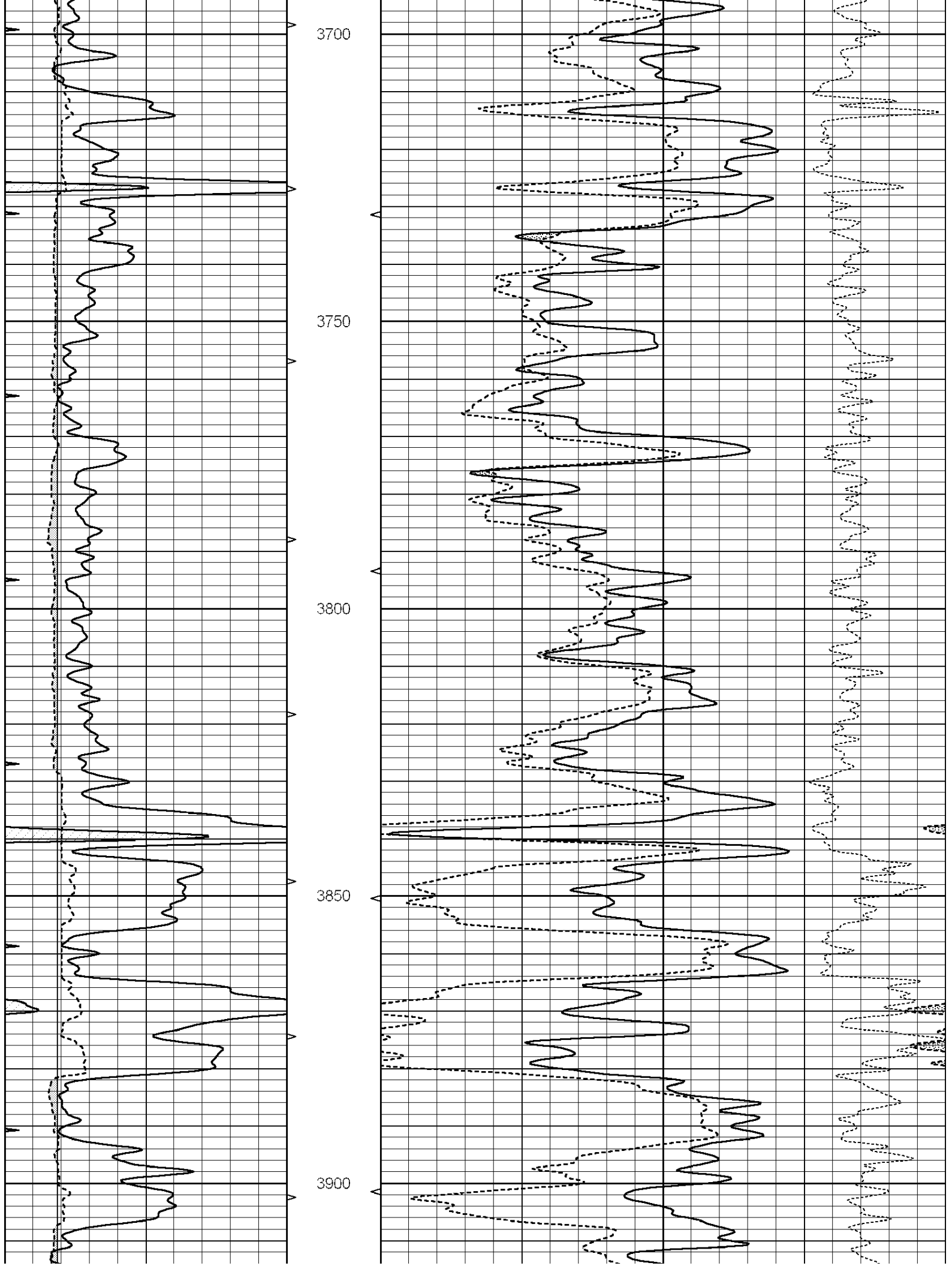
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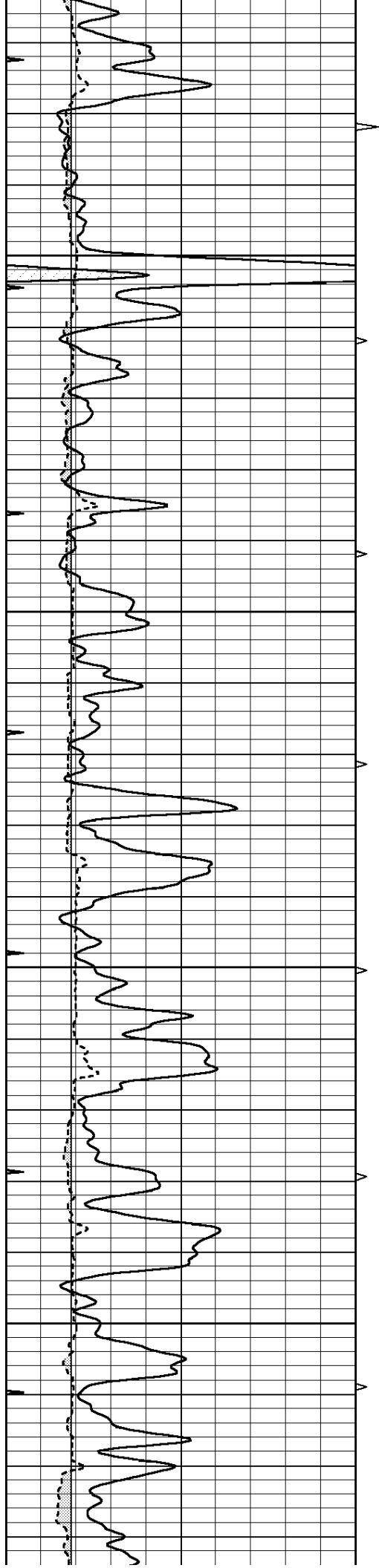
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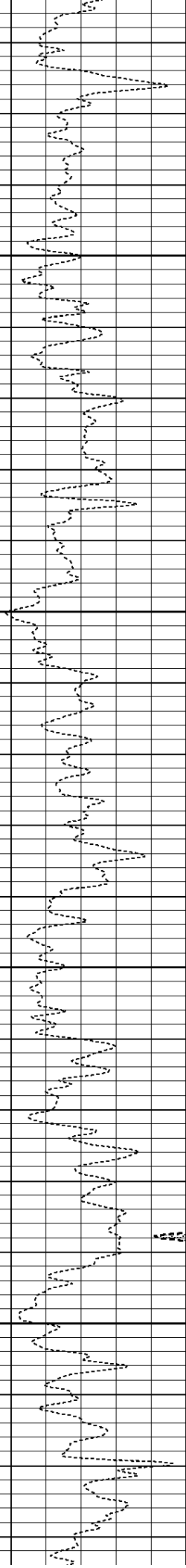
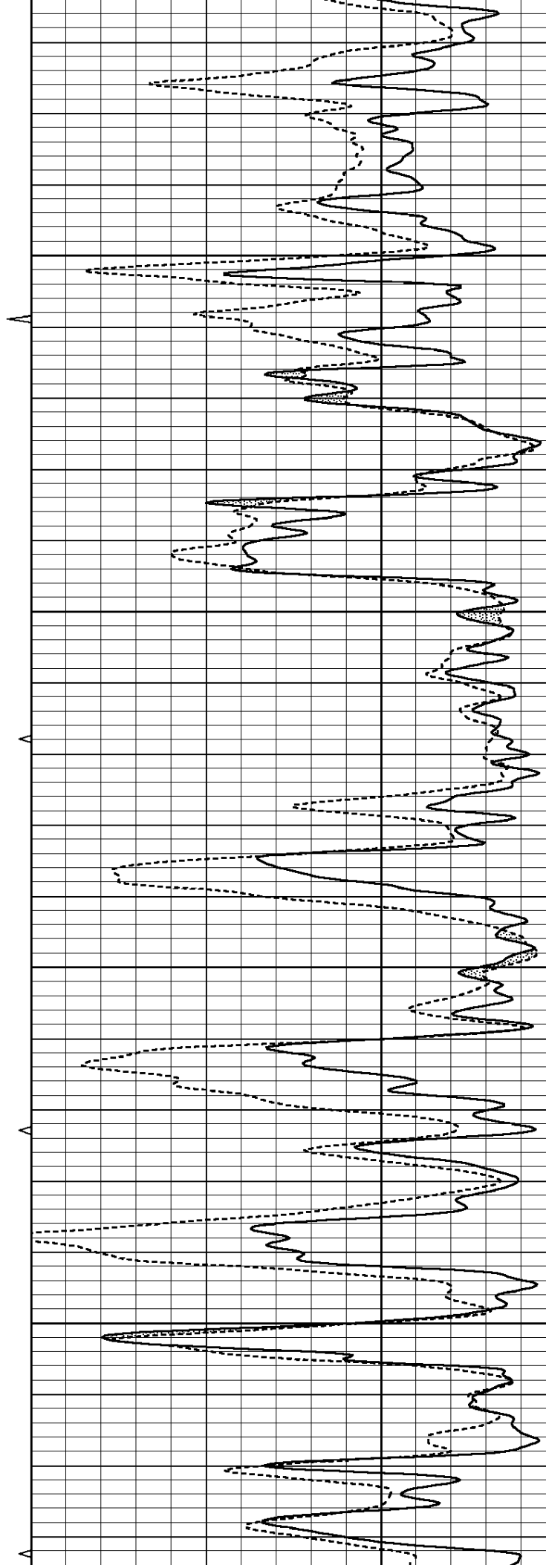


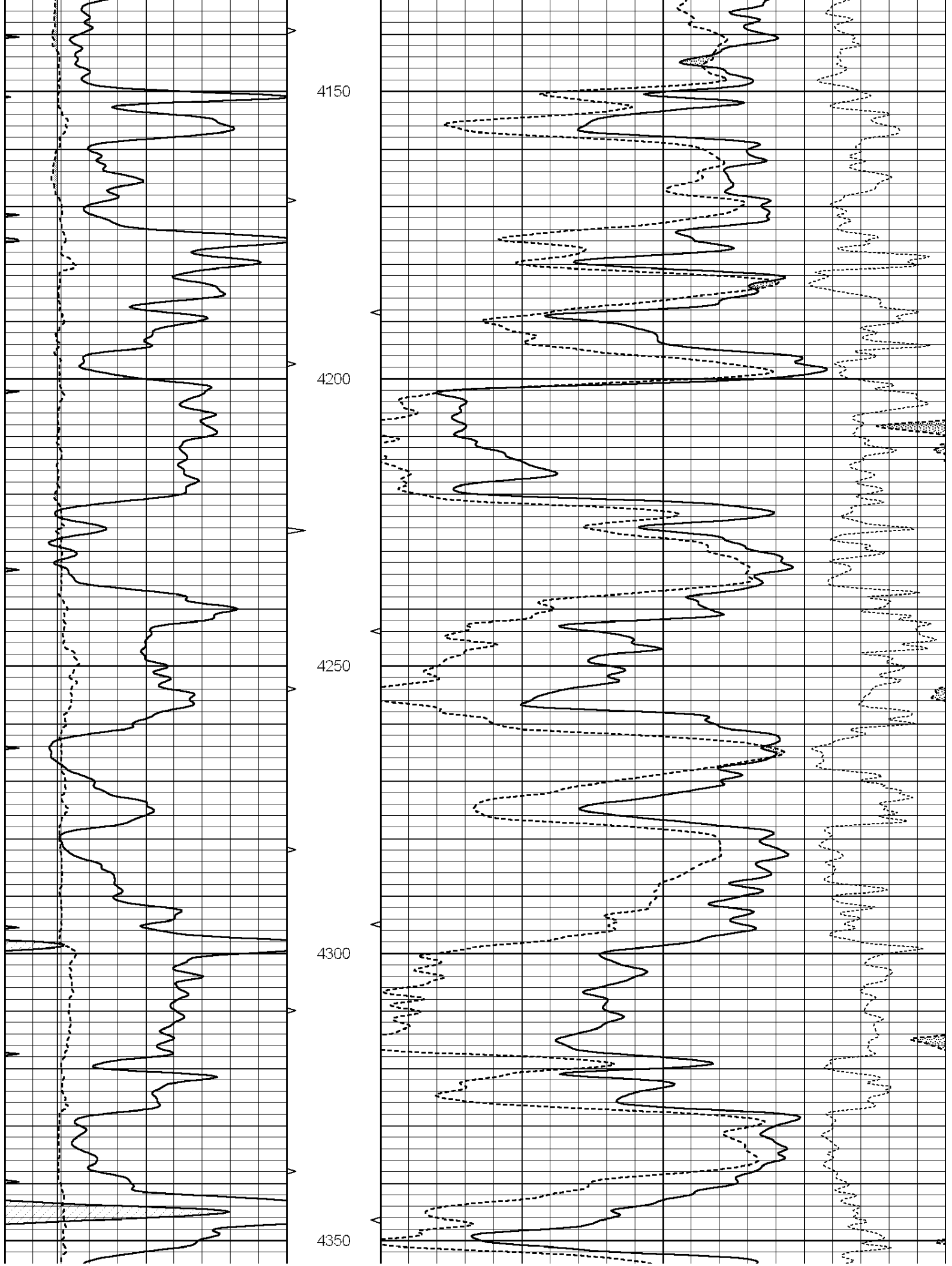
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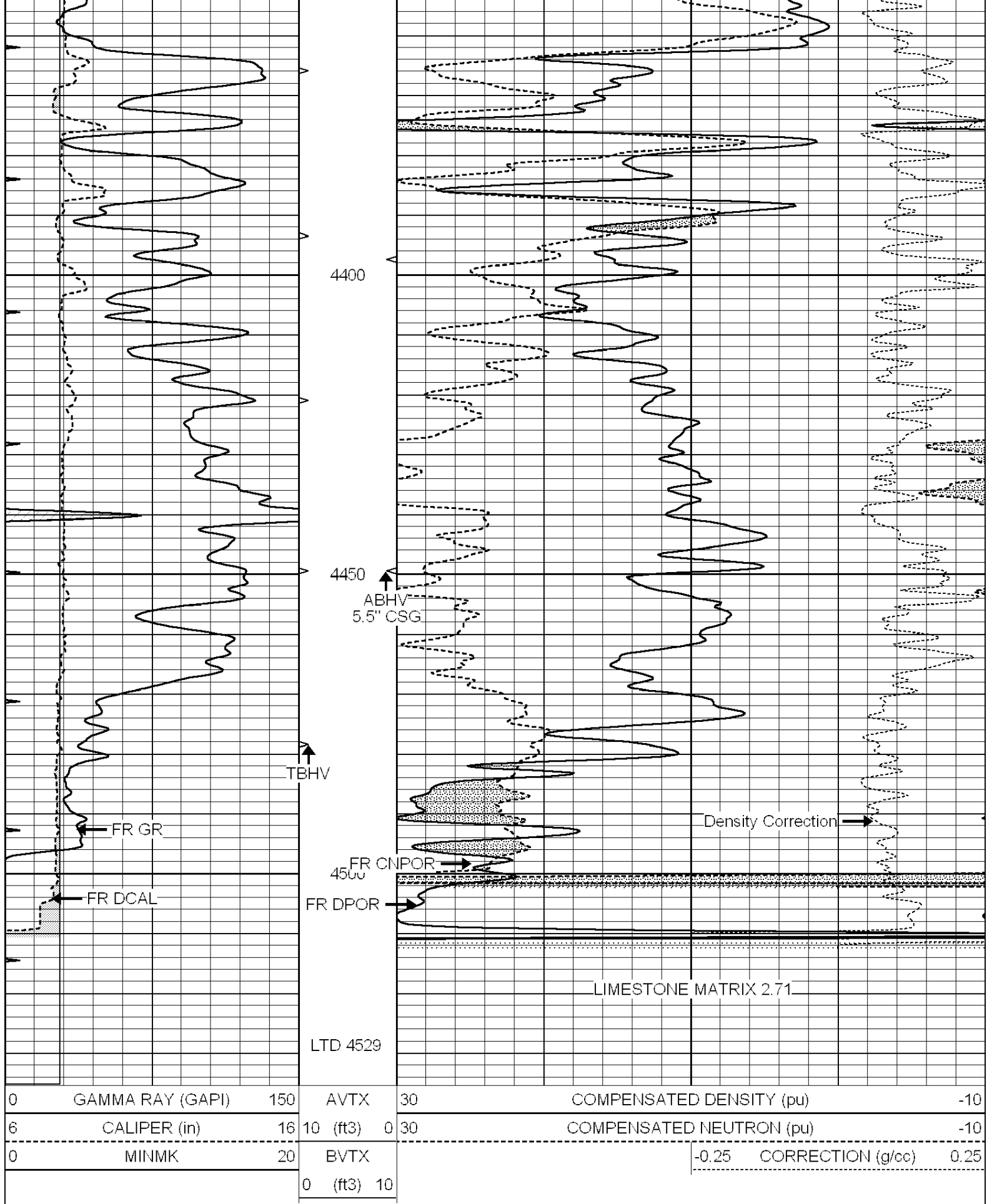
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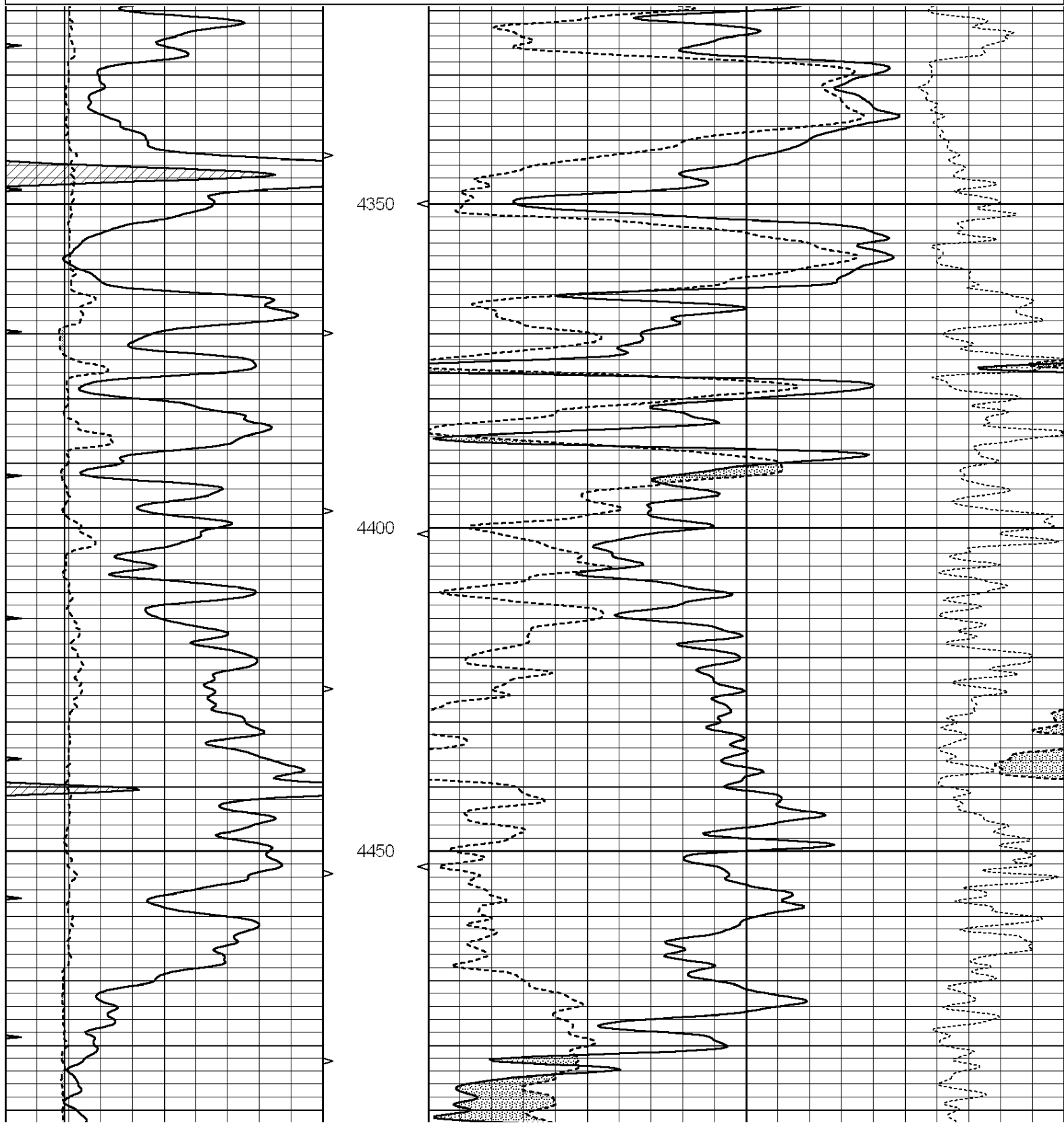


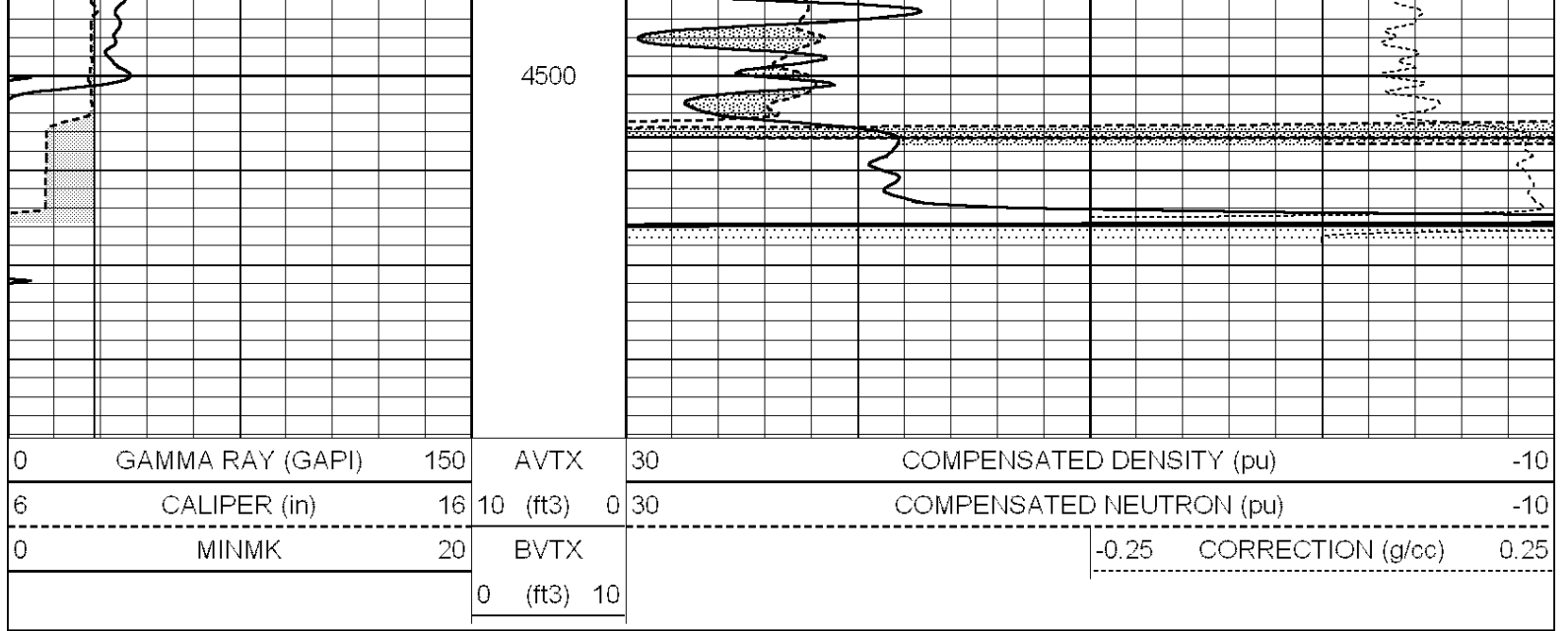


& PRODUCTION SERVICES CO.

Database File: 010795ddn.db
 Dataset Pathname: pass2.1
 Presentation Format: _den_neu
 Dataset Creation: Mon May 27 12:06:34 2013 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		





Calibration Report

Database File: 010795ddn.db
Dataset Pathname: pass3.2
Dataset Creation: Mon May 27 13:24:22 2013

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		

Compensated Density Calibration Report					
Serial-Model: Source / Verifier: Master Calibration Performed:			GEAR3-GEARHART 143 / 143 Thu Jan 26 19:46:16 2012		
Master Calibration					
	Density		Far Detector		Near Detector
Magnesium	1.710	g/cc	971.18	557.33	cps
Aluminum	2.580	g/cc	212.31	367.26	cps
Spine Angle = 74.66			Density/Spine Ratio = 0.552		
	Size		Reading		
Small Ring	8.00	in	4.29	V	
Large Ring	14.00	in	6.24	V	

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