



SUPERIOR
Hays,
Kansas

COMPENSATED
DENSITY / NEUTRON
PE LOG

Company	VINCENT OIL CORPORATION	Company	VINCENT OIL CORPORATION
Well	LIX #1-4	Well	LIX #1-4
Field	WILDCAT	Field	WILDCAT
County	FORD	County	FORD
State	KANSAS	State	KANSAS
Location:	API # : 15-057-20638-0000 820' FSL & 2240' FEL	Other Services DIL/MEL SONIC	
Permanent Datum	GROUND LEVEL	Elevation	2536
Log Measured From	KELLY BUSHING 10' A.G.L.	K.B. 2546 D.F. 2544 G.L. 2536	
Drilling Measured From	KELLY BUSHING		
SEC 4	TWP 26S	RGE 24W	
Date	7/15/09		
Run Number	CNE		
Depth Driller	5250		
Depth Logger	5249		
Bottom Logged Interval	5225		
Top Log Interval	2500		
Casing Driller	8 5/8"@268'		
Casing Logger	268		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 4.150 PPM	
Density / Viscosity	9.3/56		
pH / Fluid Loss	9.5/8.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.800@99F		
Rmf @ Meas. Temp	.600@99F		
Rmc @ Meas. Temp	.960@99F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.624@127F		
Time Circulation Stopped	3 HOURS		
Time Logger on Bottom	5:30 P.M.		
Maximum Recorded Temperature	127F		
Equipment Number	0836		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	JIM HALL		

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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
HWY 50 & 283 JUNCTION (DODGE CITY, KS.) E. OF KOCH NITROGEN PLANT., 1N. ON HWY 283 TO
HORSESHOE RD., 2W., N. INTO

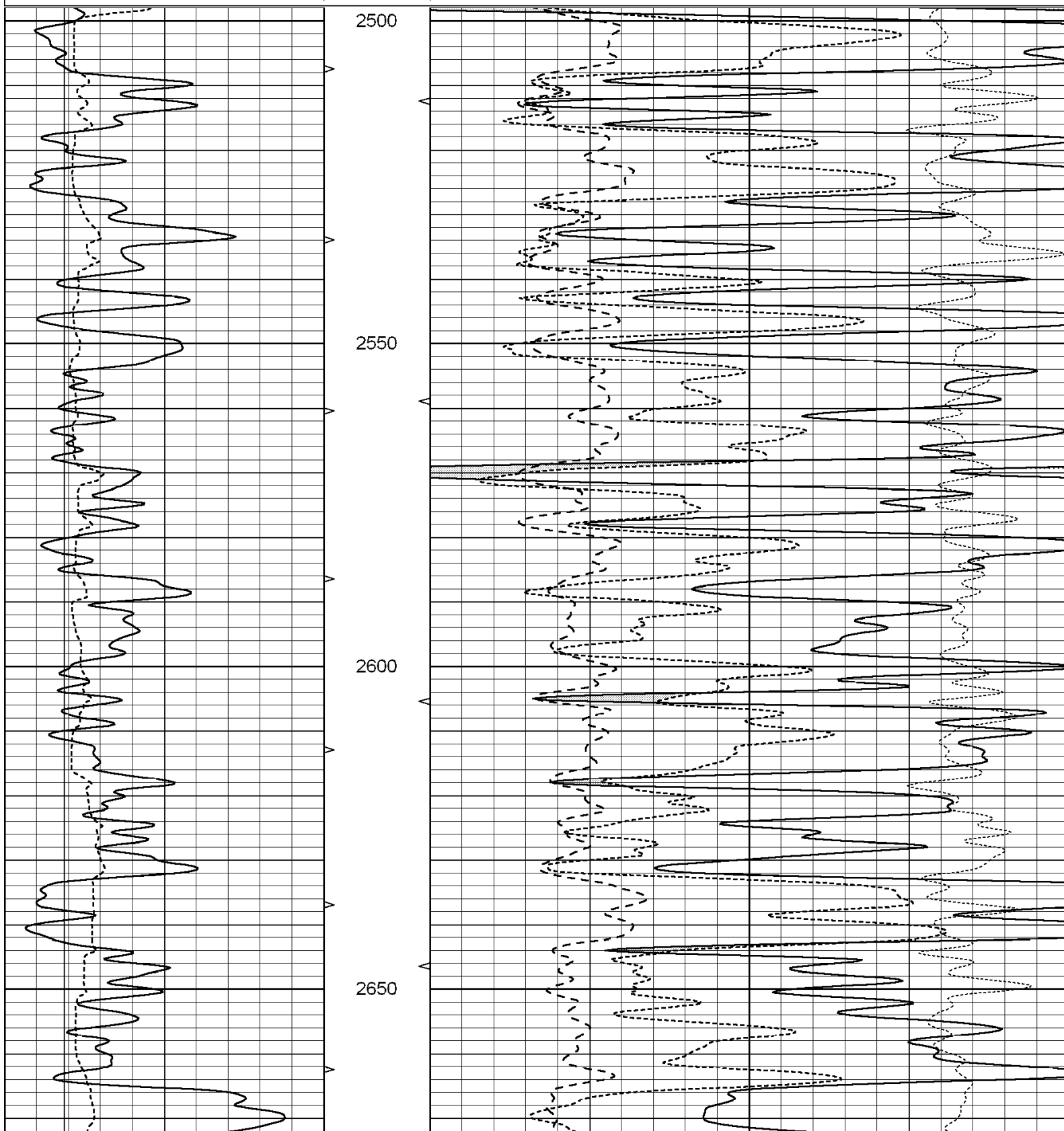


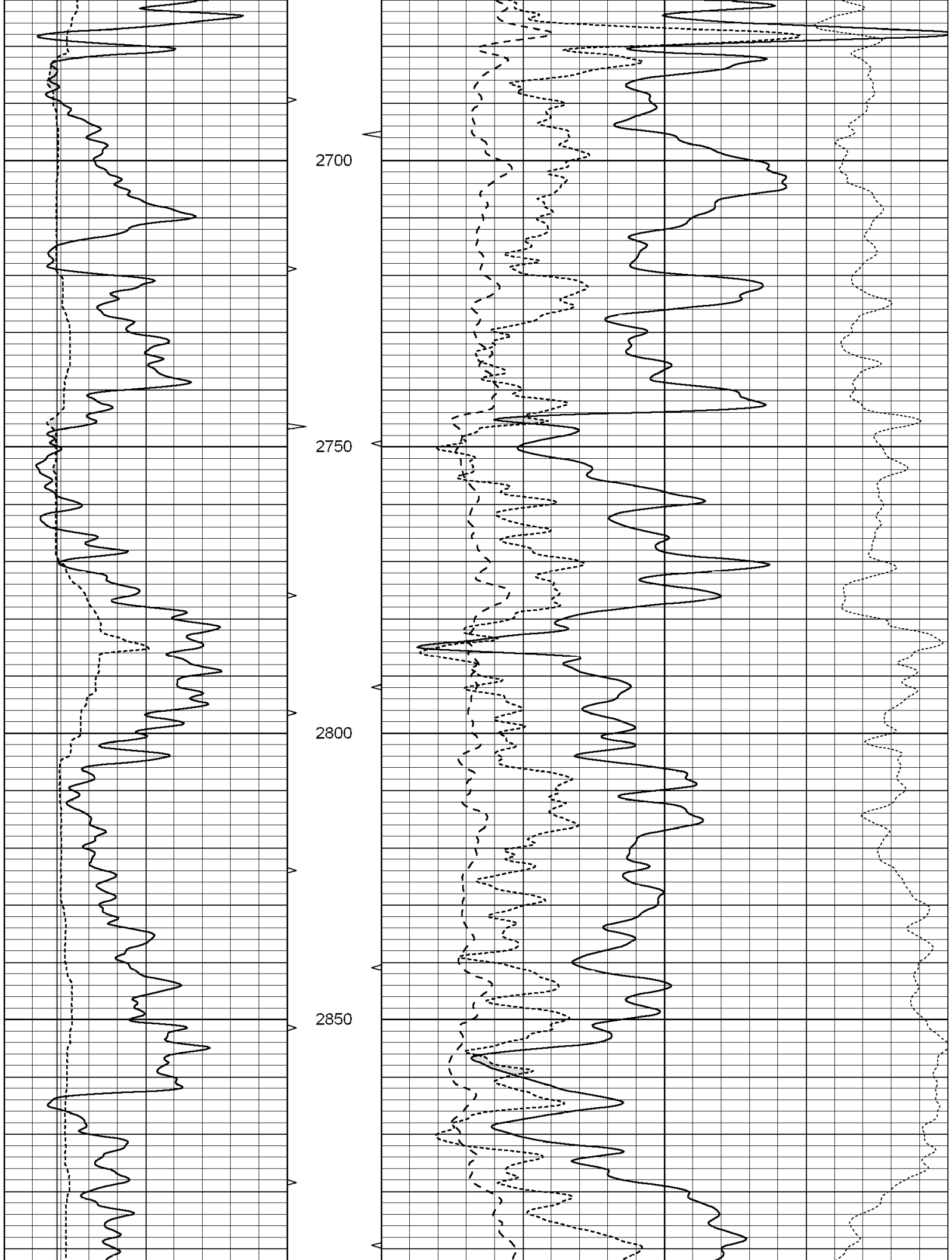
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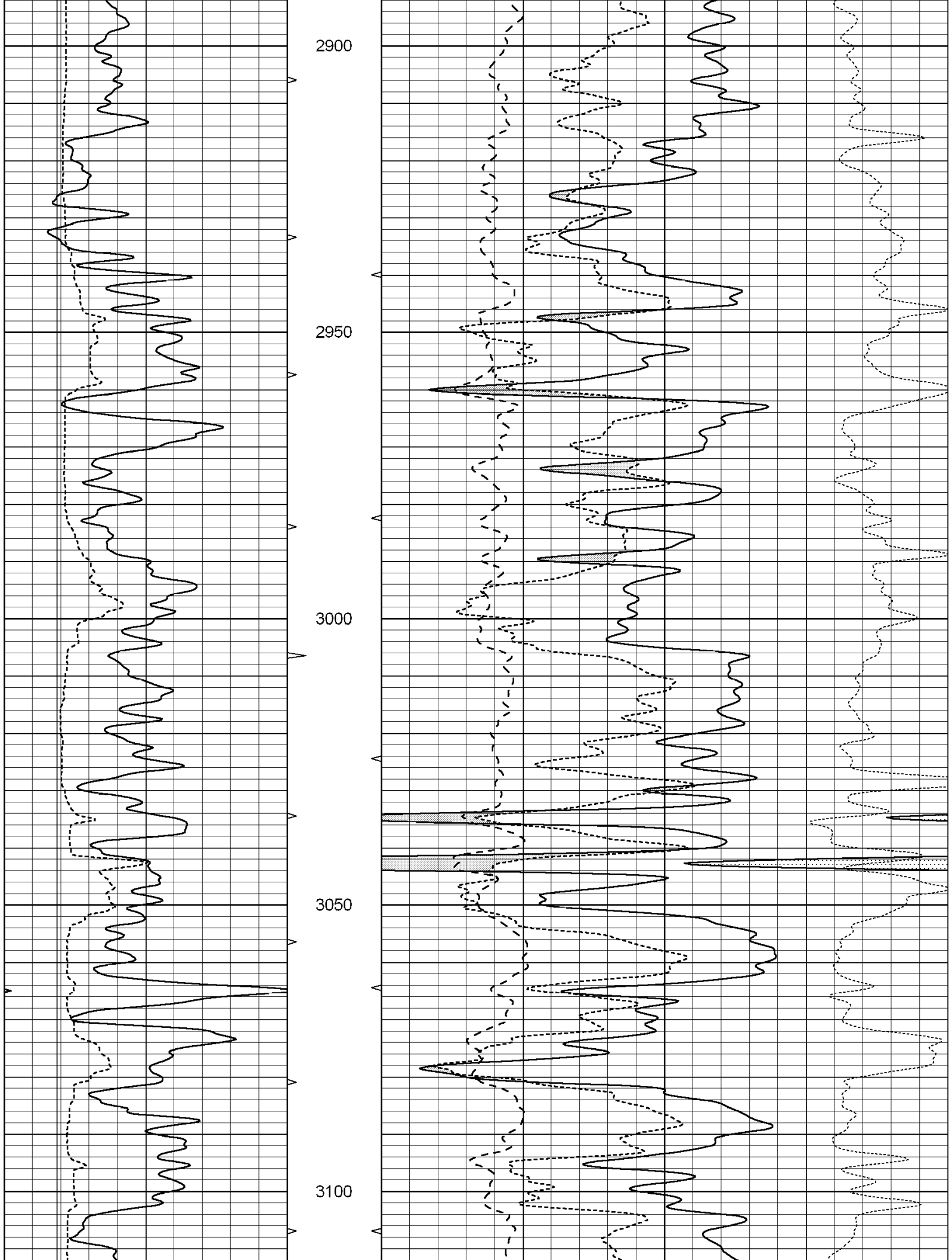
MAIN SECTION

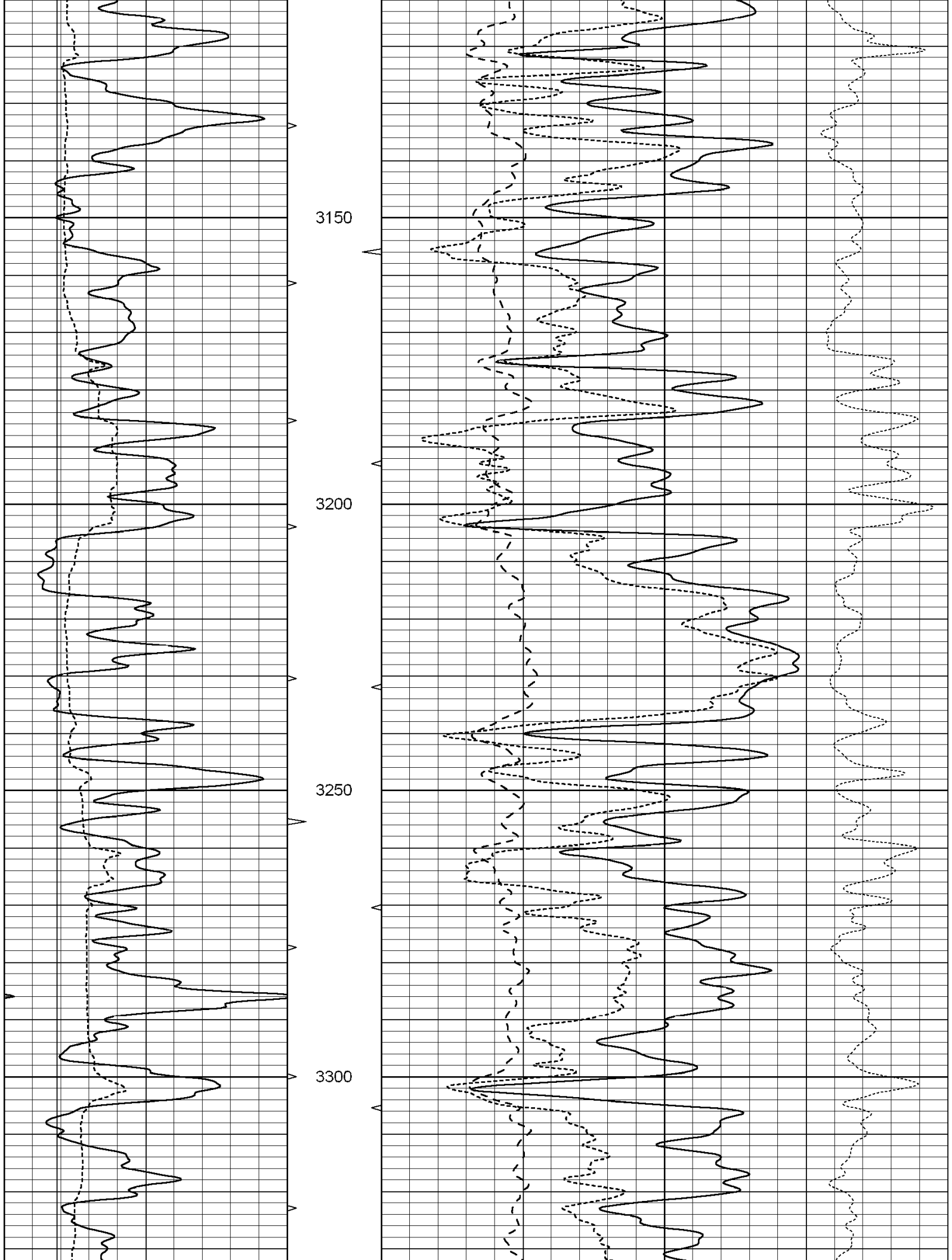
Database File: 003541pe.db
Dataset Pathname: pass3.3
Presentation Format: ldt_neu
Dataset Creation: Wed Jul 15 19:20:41 2009 by Calc Open-Cased 060407
Charted by: Depth in Feet scaled 1:240

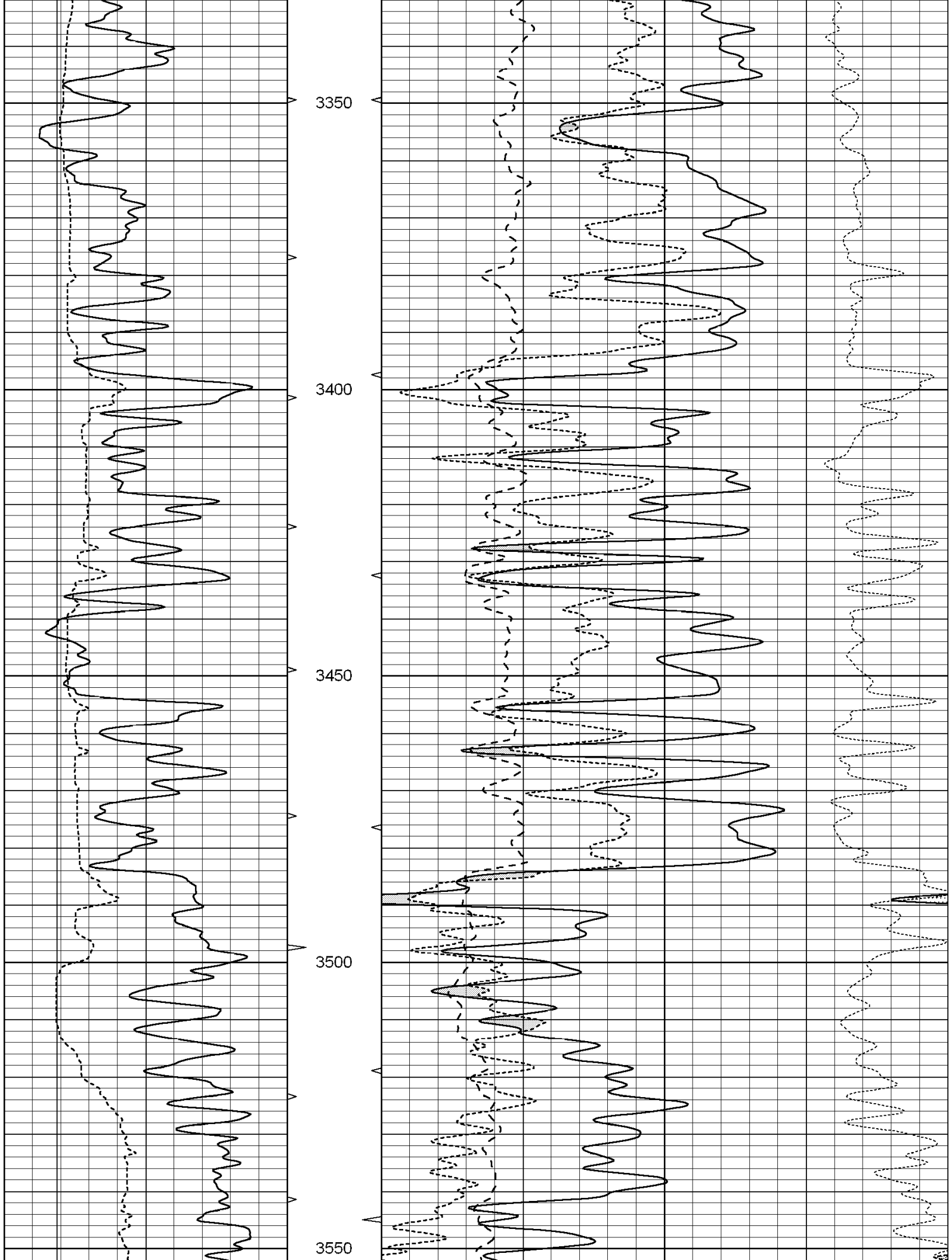
0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3) 0	30	COMPENSATED NEUTRON (pu)	-10
			TBHV	0	PE	10 -0.25 CORRECTION (g/cc) 0.25
			0 (ft3) 10			

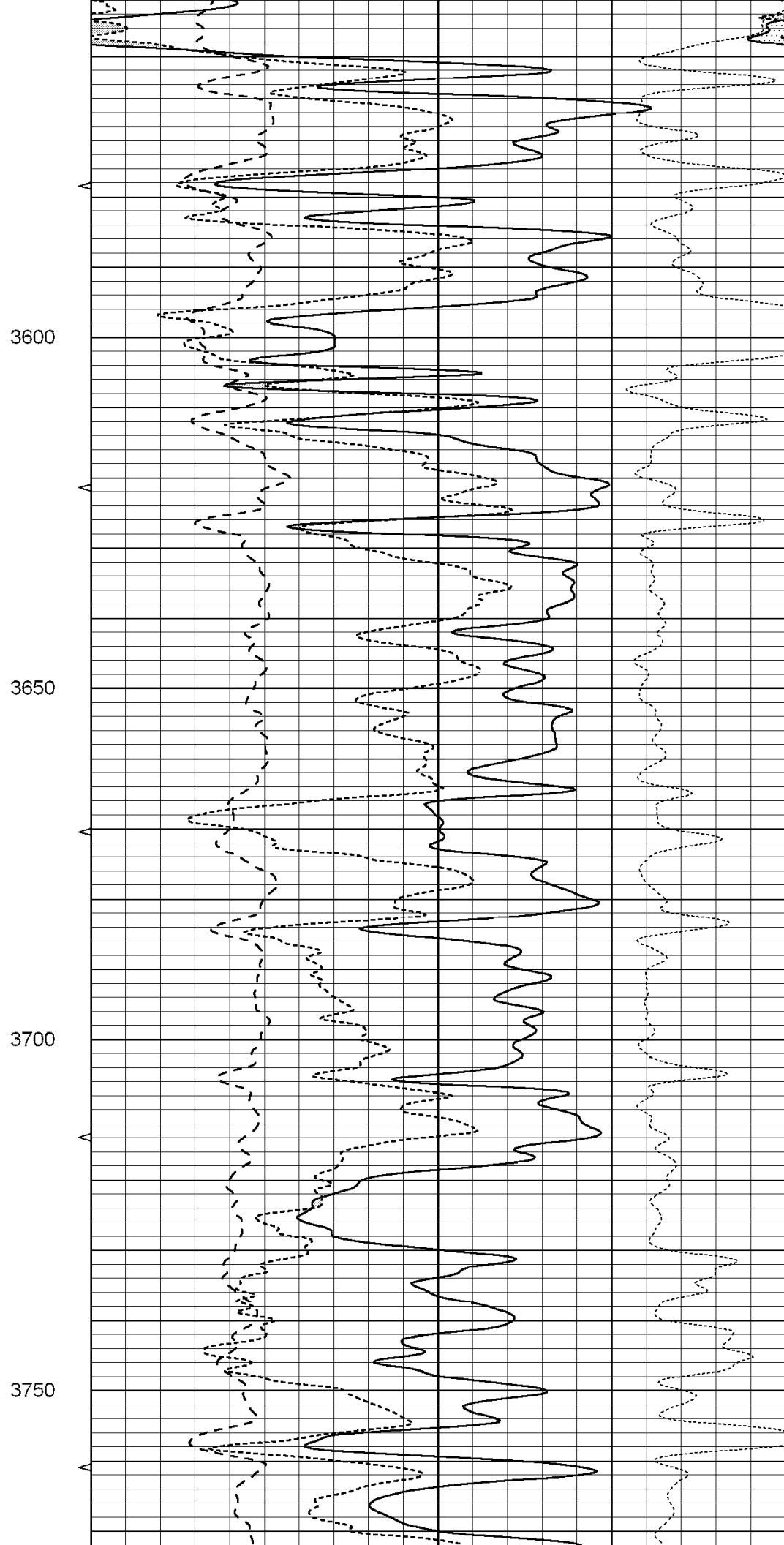
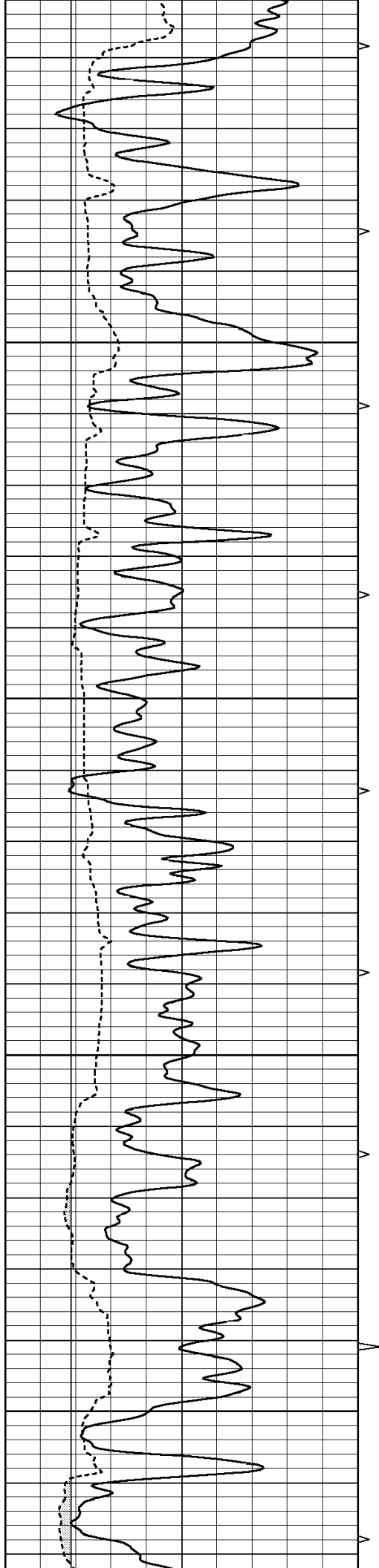


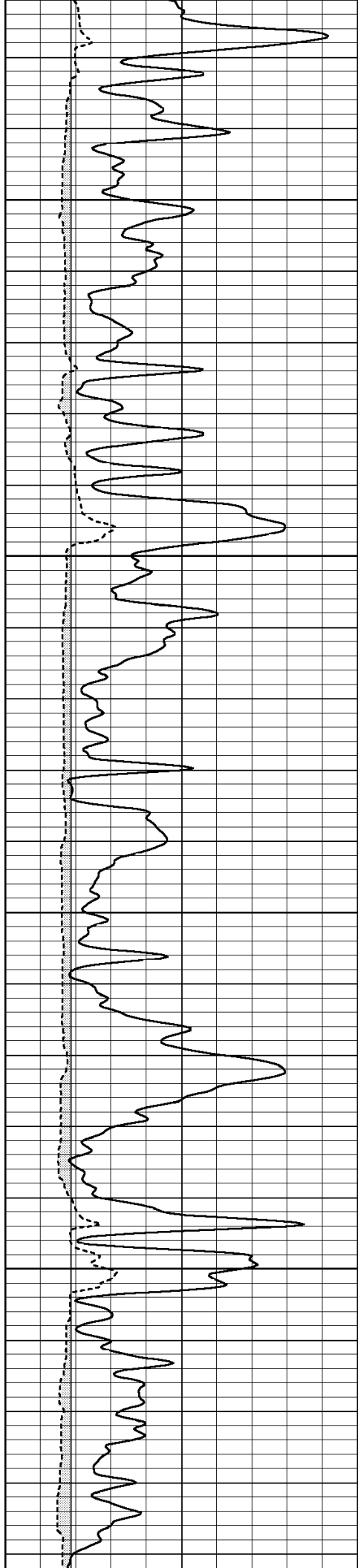










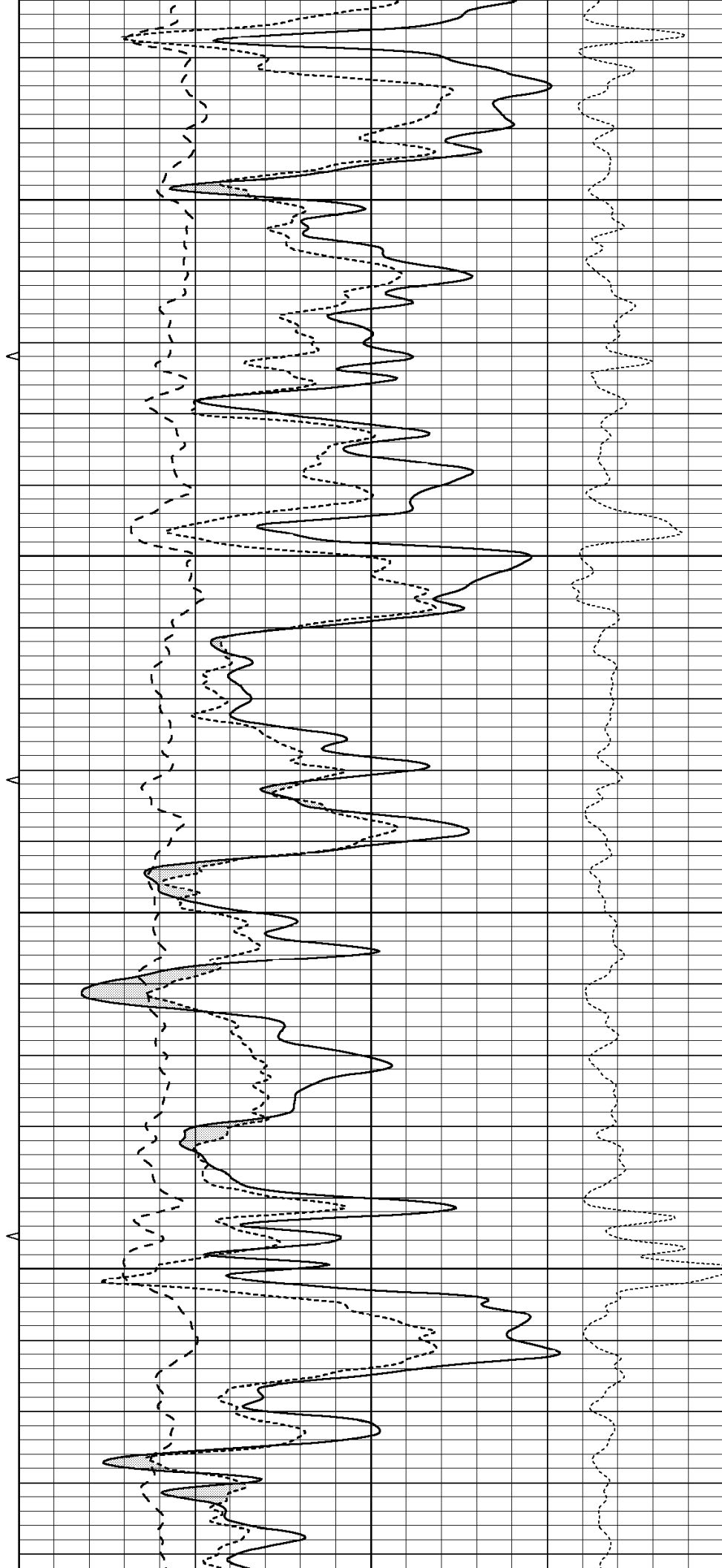


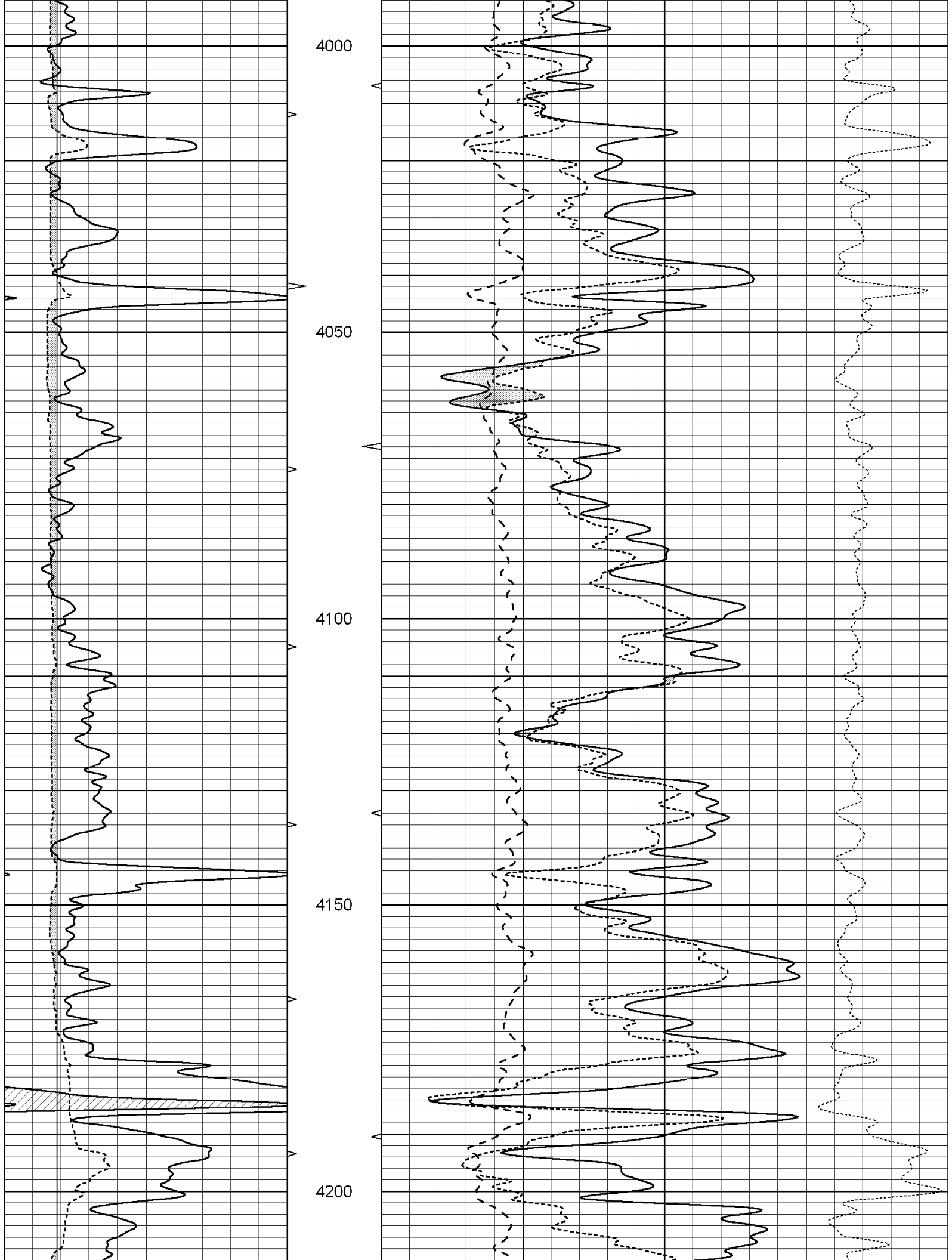
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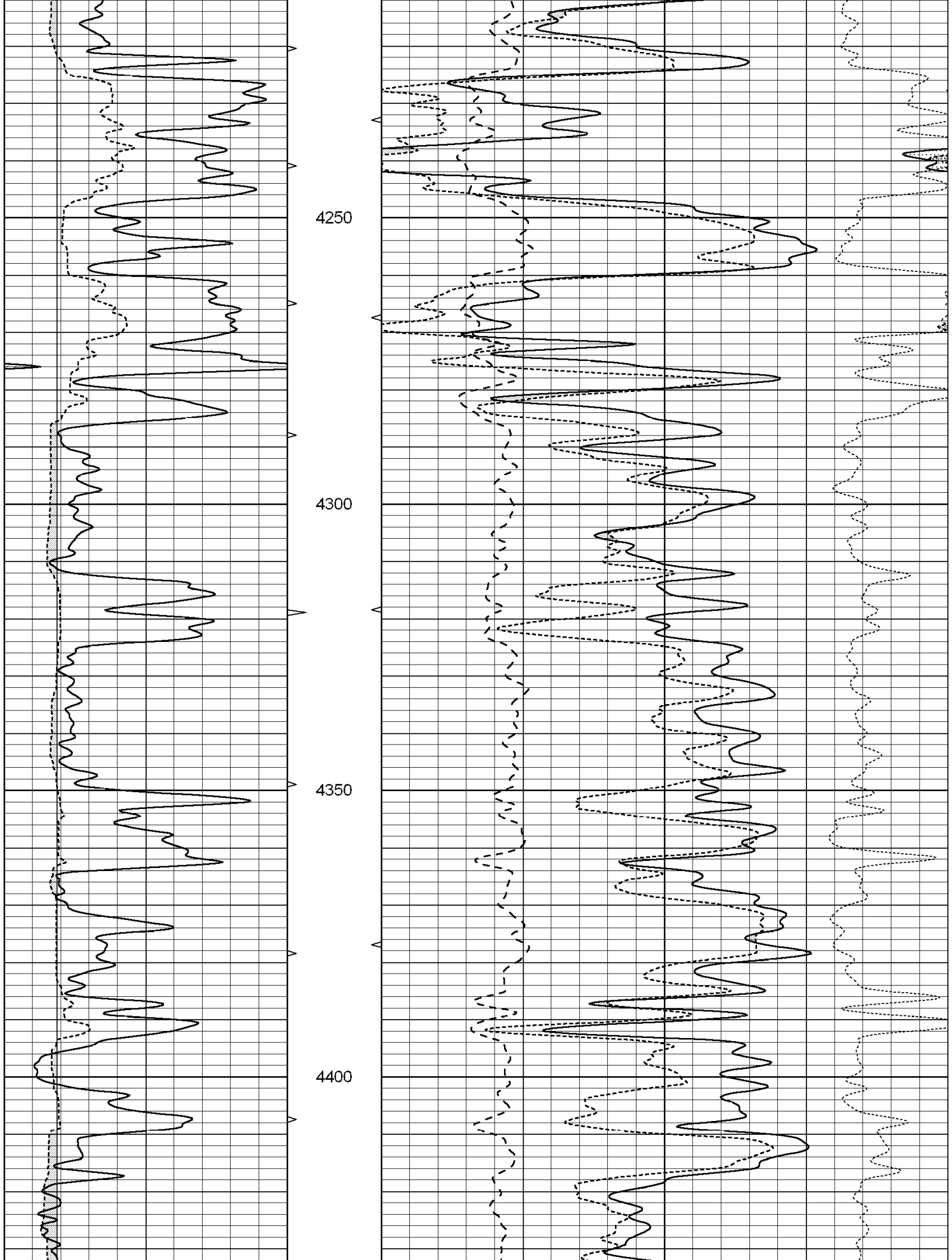
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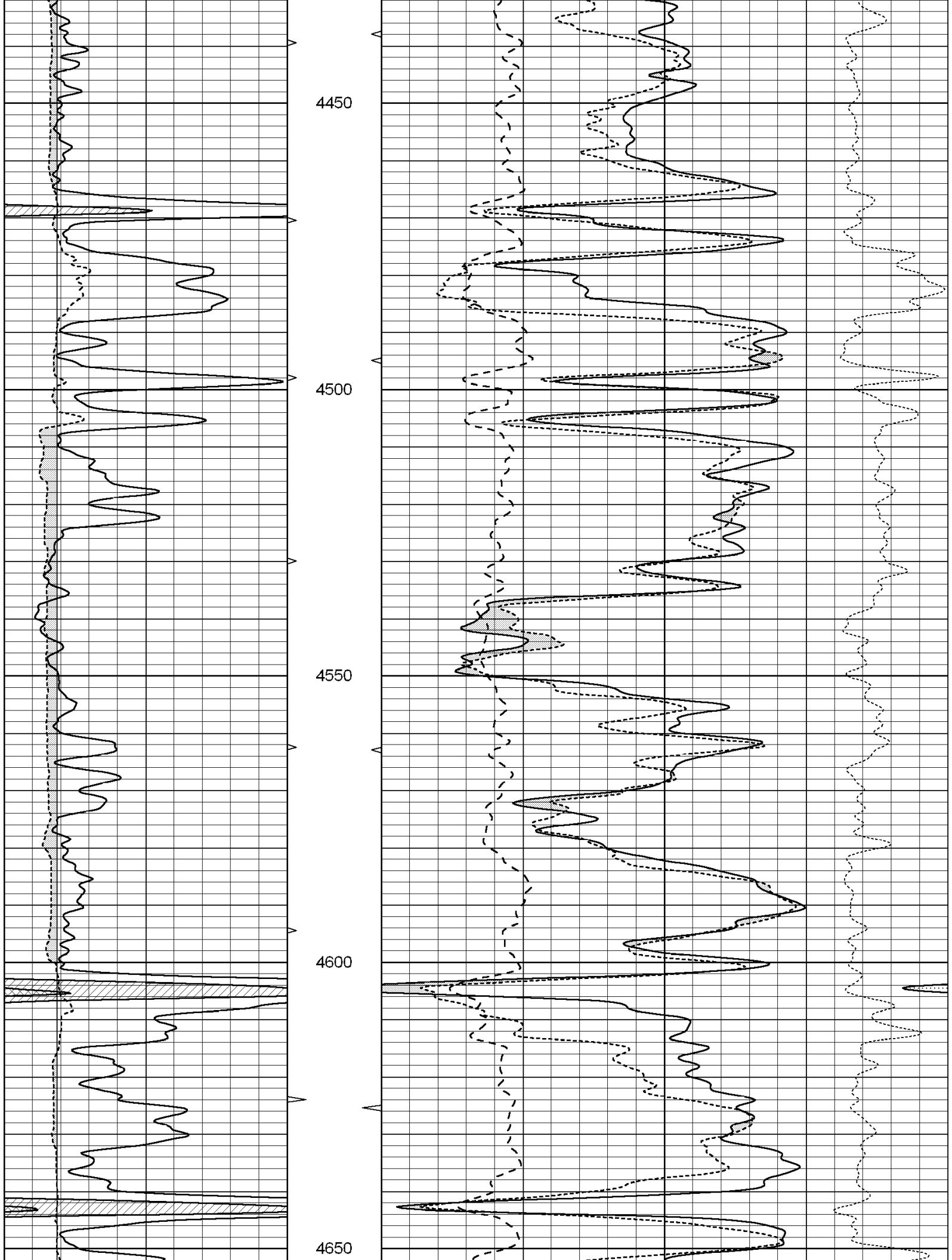
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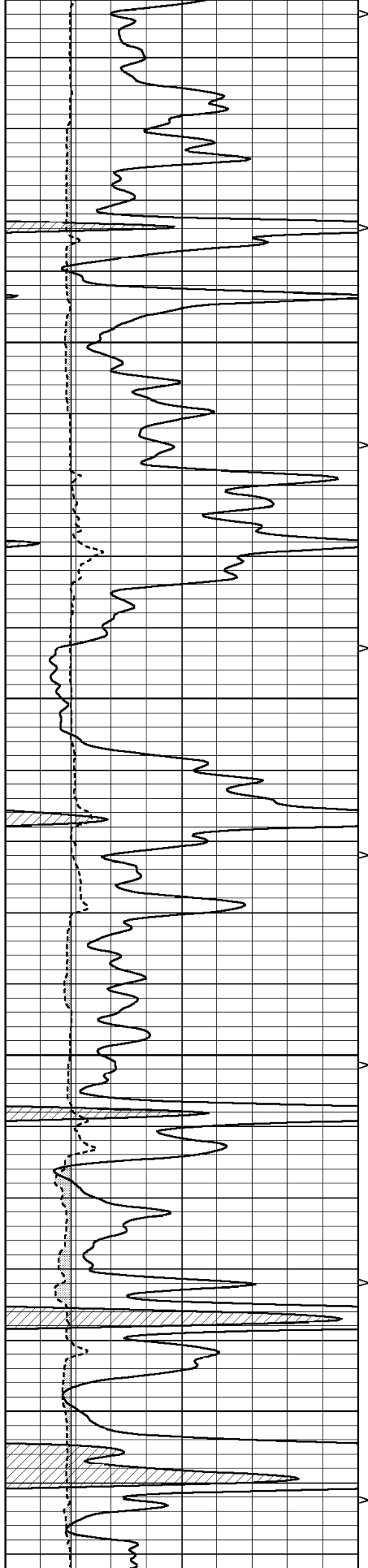
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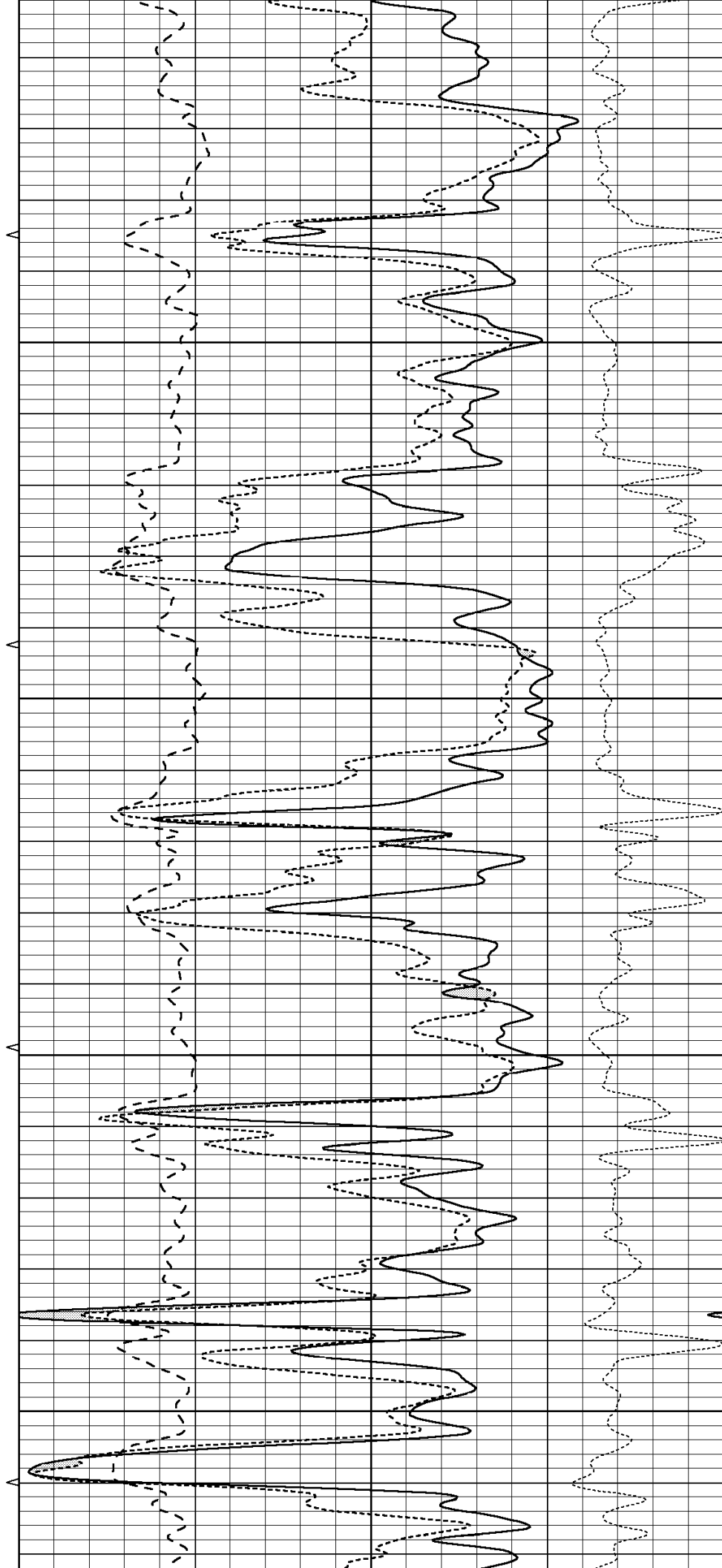


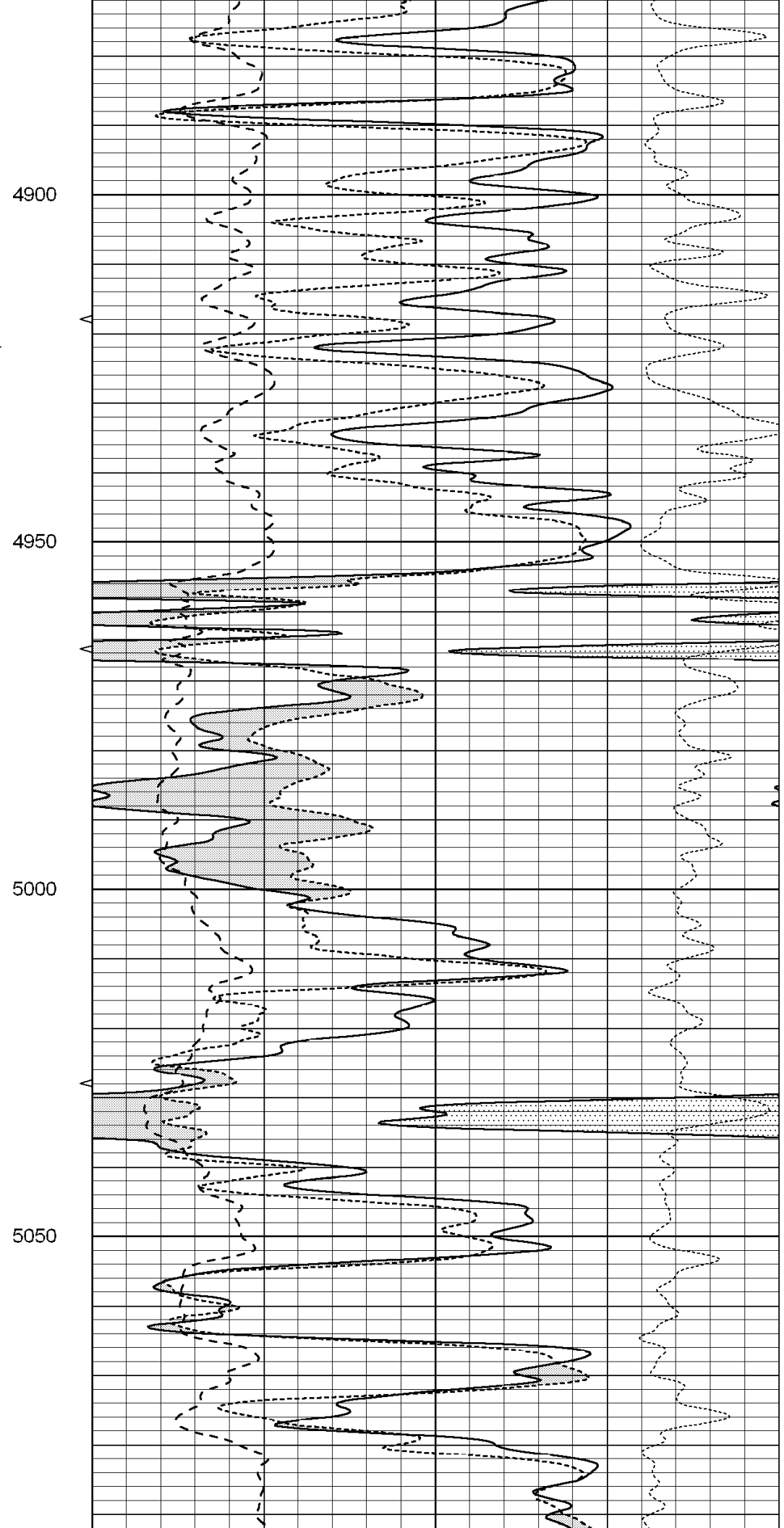
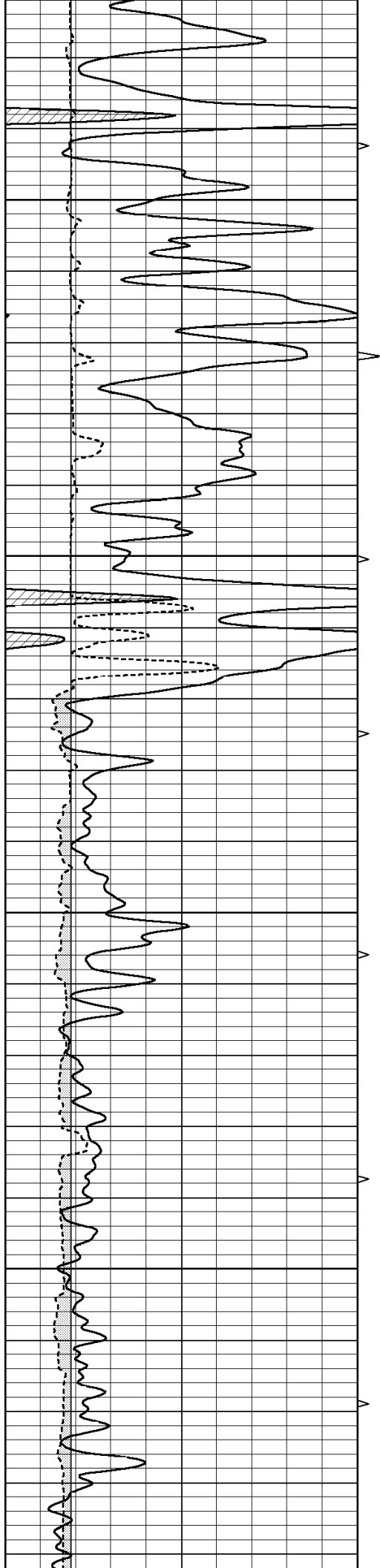
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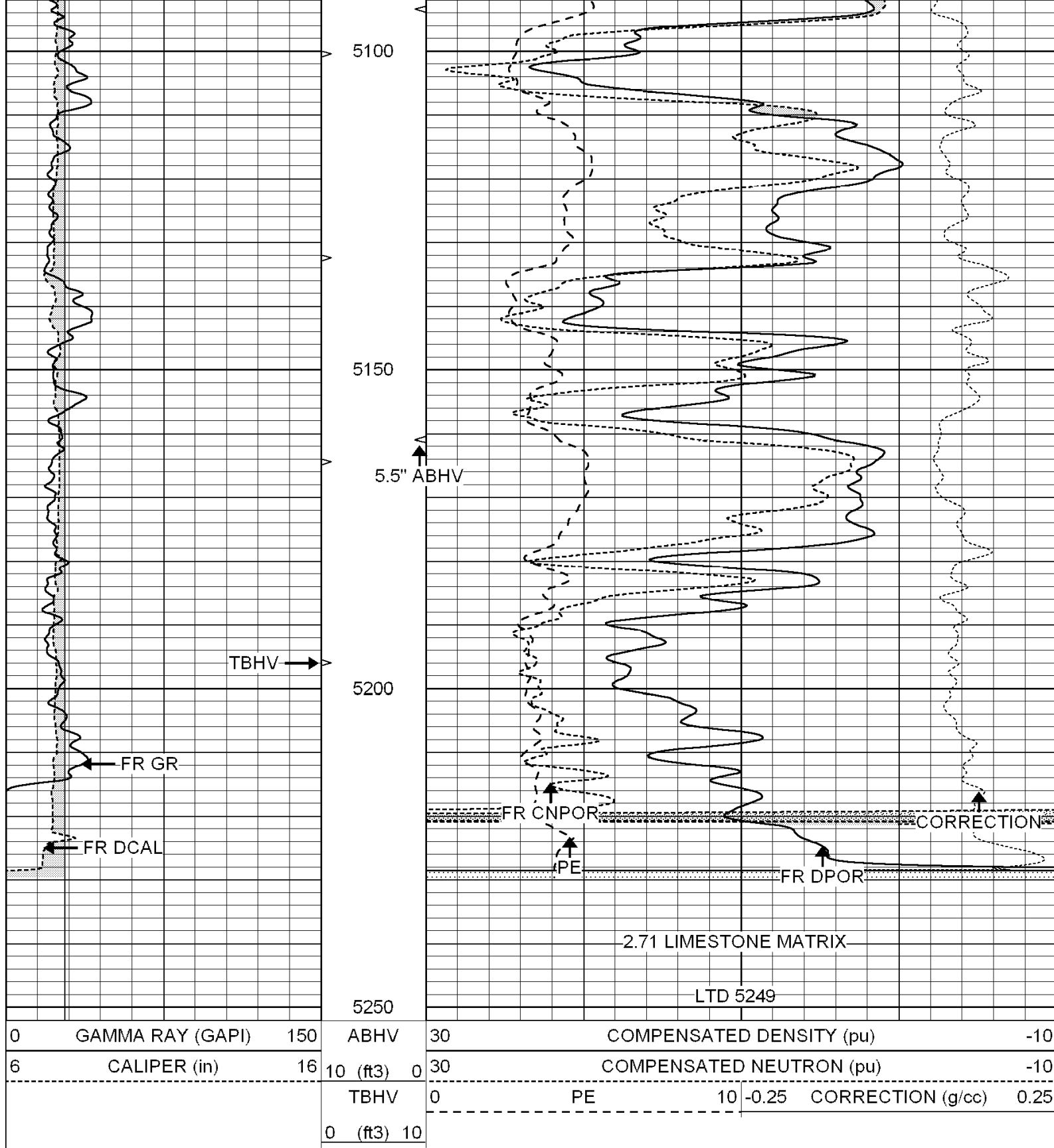
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4800

4850





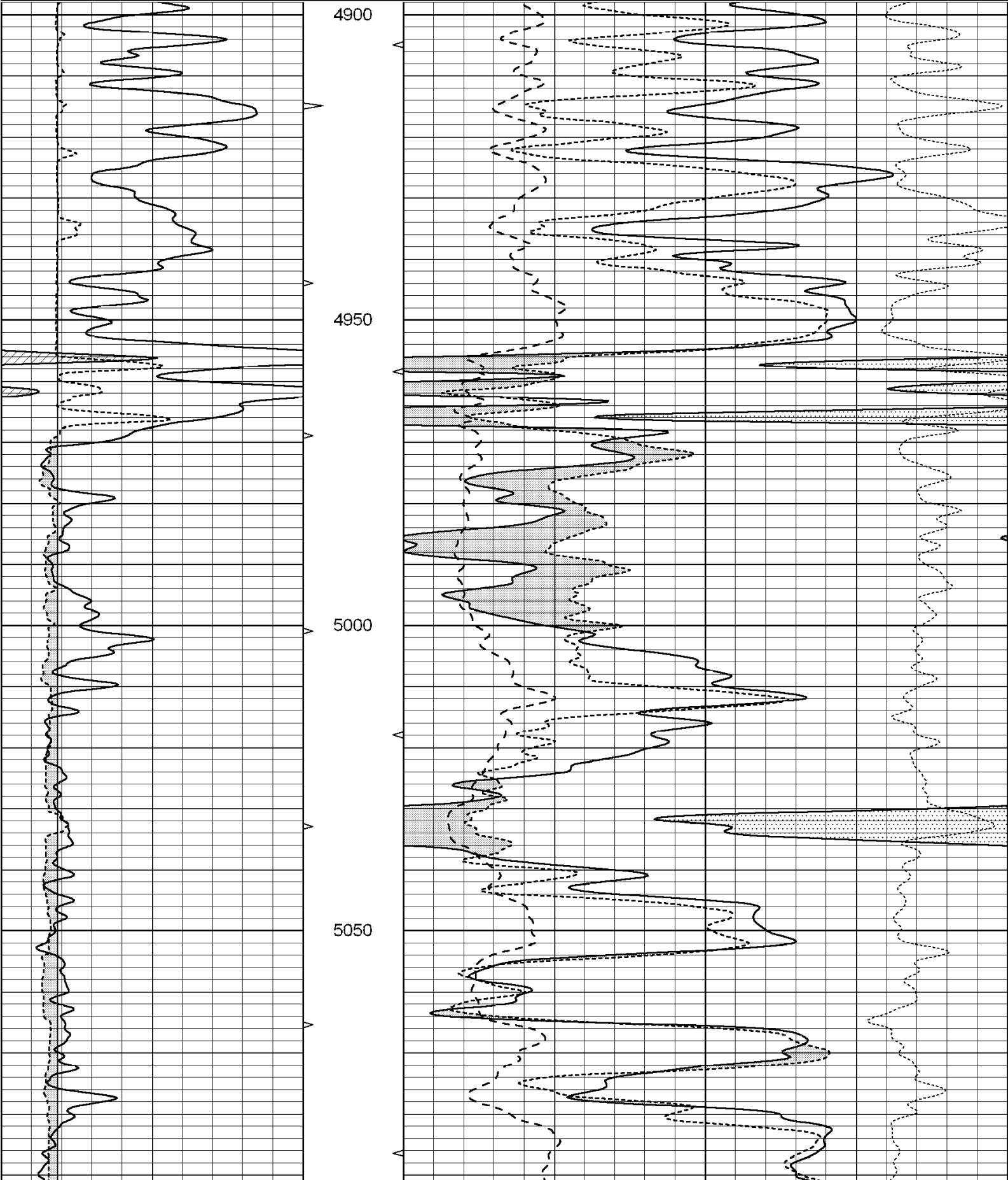


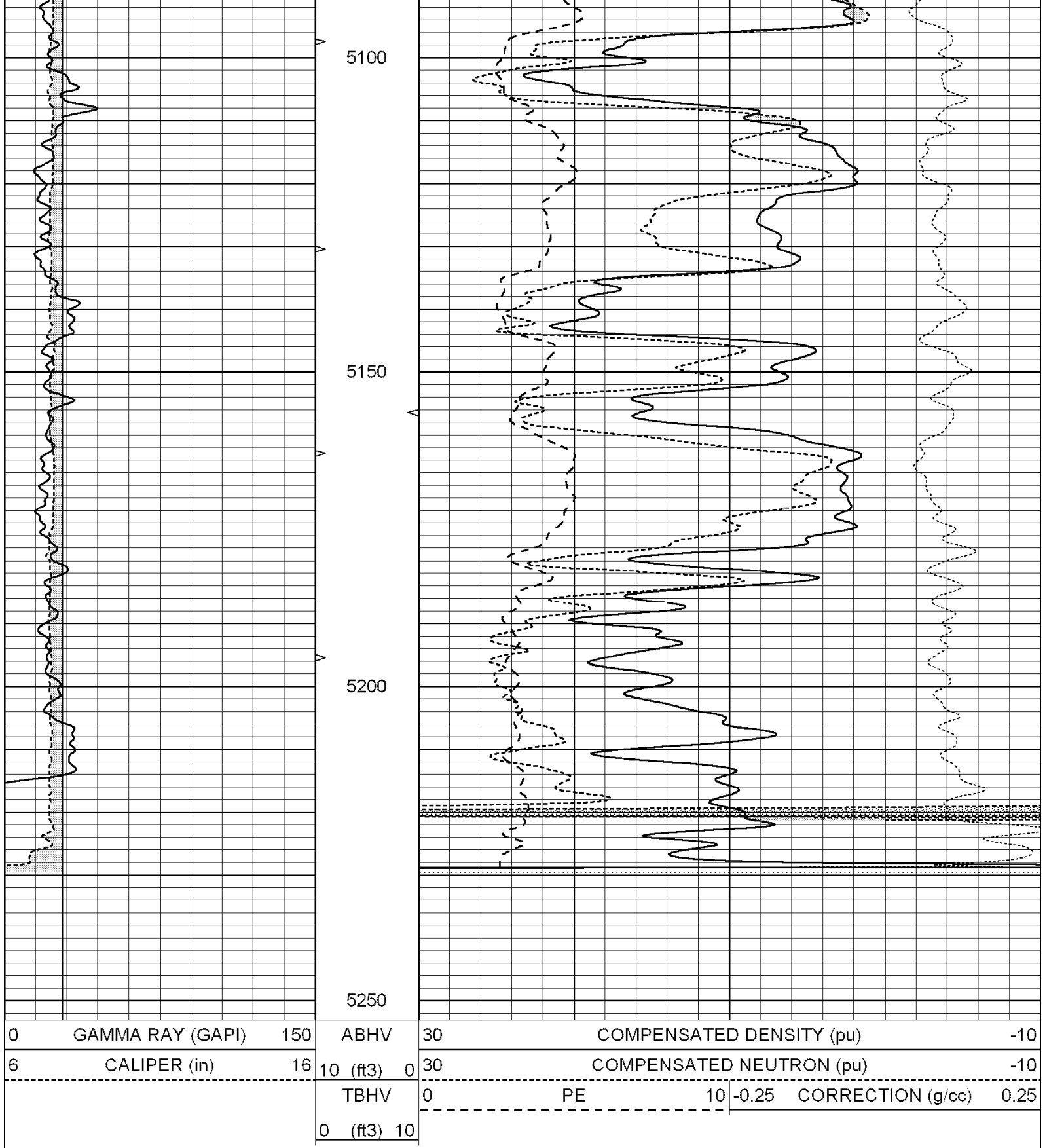
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REPEAT SECTION

Database File: 003541pe.db
 Dataset Pathname: pass2.7
 Presentation Format: ldt_neu
 Dataset Creation: Wed Jul 15 18:00:59 2009 by Calc Open-Cased 060407

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 (ft3) 10	-0.25	CORRECTION (g/cc)	0.25



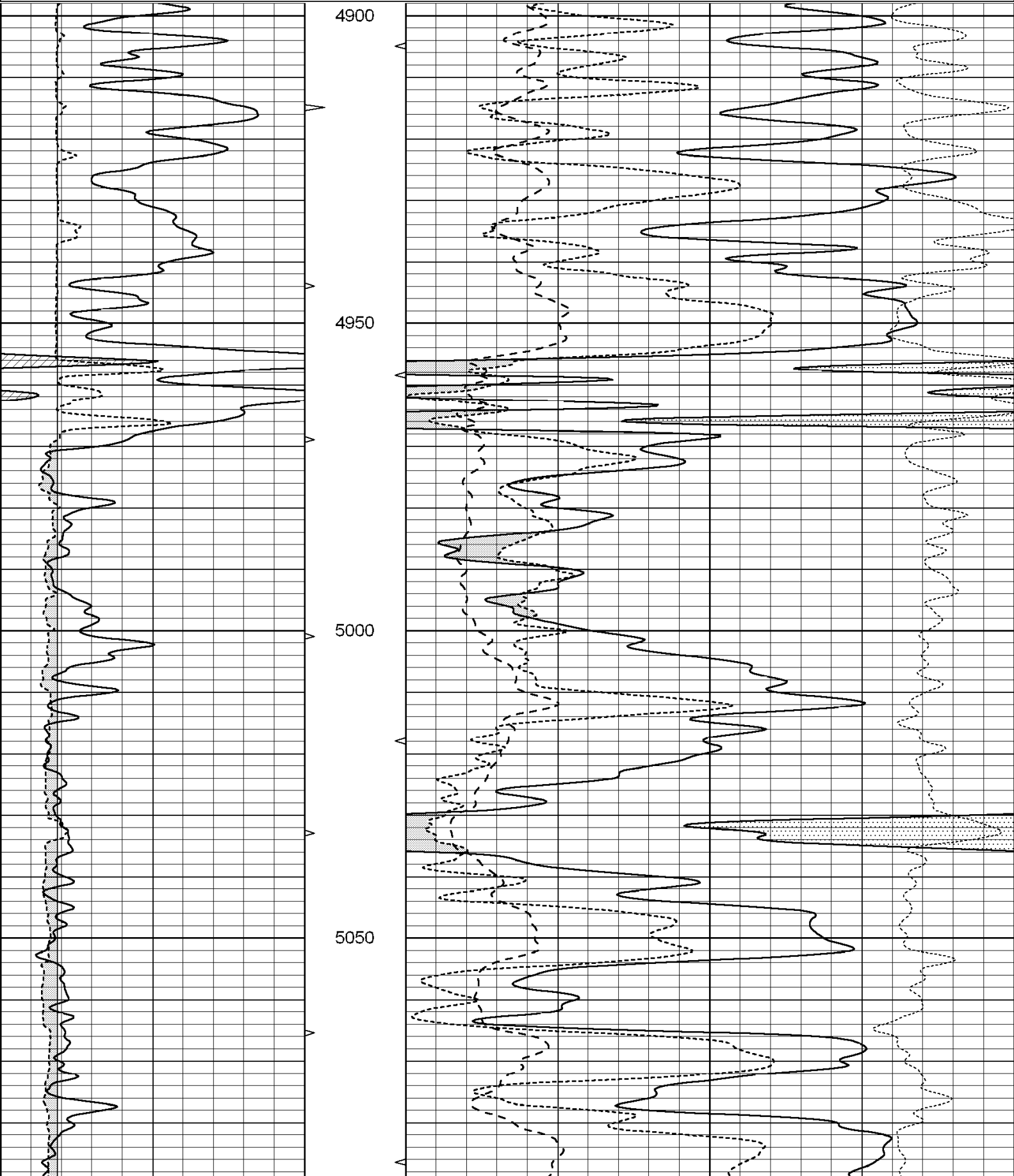


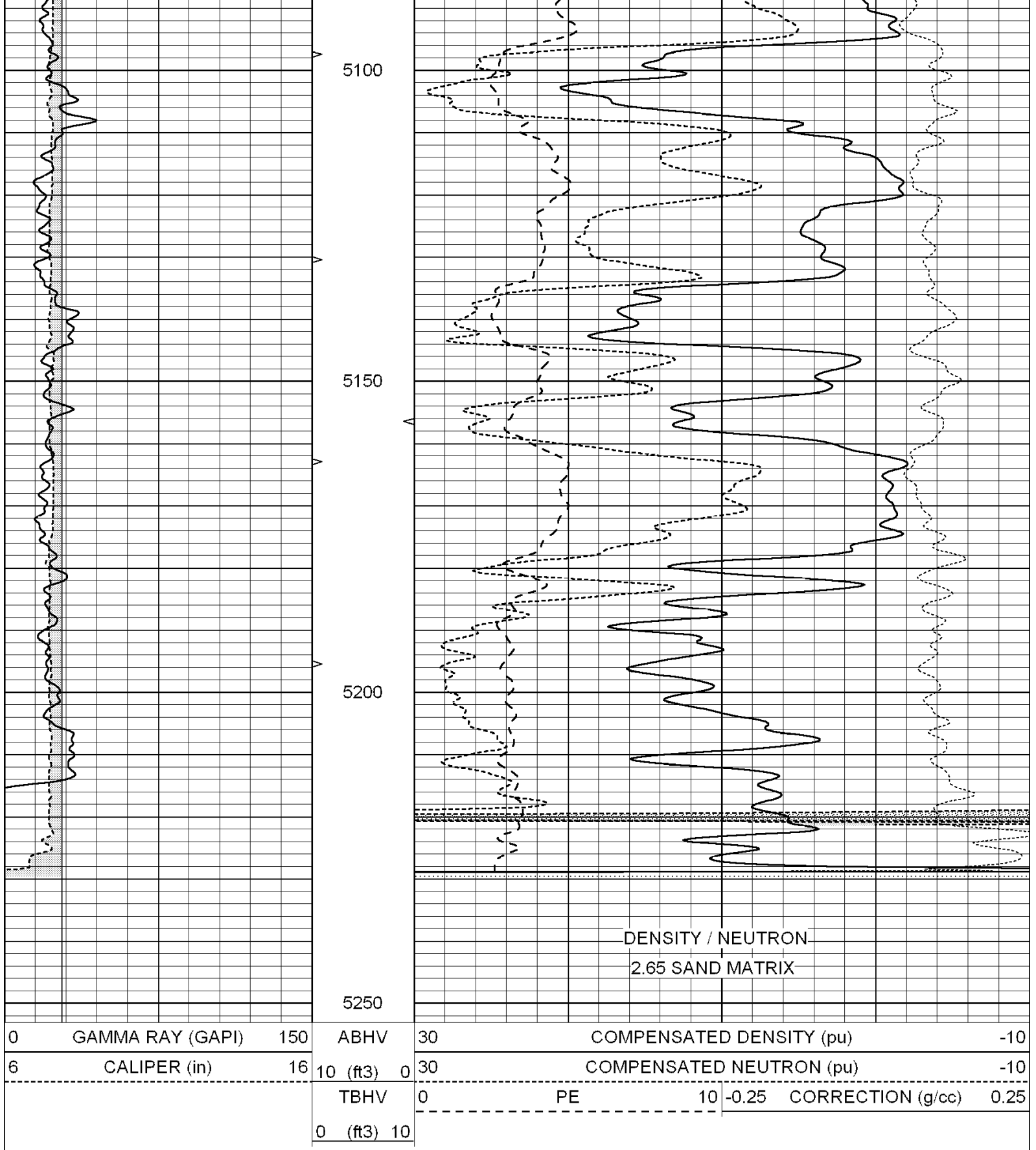
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2.65 SAND MATRIX

Database File: 003541pe.db
Dataset Pathname: pass2.8
Presentation Format: ldt_neu

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			





Calibration Report

Database File: 003541pe.db
Dataset Pathname: pass3.3
Dataset Creation: Wed Jul 15 19:20:41 2009 by Calc Open-Cased 060407

Dual Induction Calibration Report

Serial-Model: DIL4-GEAR
Performed: Wed Jul 15 17:46:46 2009

Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.008	0.666	V	0.000	400.000	mmho-m	570.000	-13.000
Medium	-0.003	0.769	V	0.000	462.500	mmho-m	560.000	-14.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.013	0.651	V	0.000	400.000	mmho-m	627.541	-8.365
Medium	0.020	0.754	V	0.000	462.500	mmho-m	630.311	-12.549

Litho Density Calibration Report
 Serial: 003N Model: PRB
 Performed Mon Jun 08 10:53:05 2009

Litho Density Calibration					
	Background	Magnesium	Aluminum	Sandstone	
Window 1	2028.8	12047.1	4181.3	13199.9	cps
Window 2	1822.8	9337.8	3431.4	10000.3	cps
Window 3	1564.8	5811.2	2442.8	6095.5	cps
Window 4	469.1	474.6	468.9	469.9	cps
Long Space	0.0	7514.9	1608.6	8177.4	cps
Short Space	1.9	2397.2	1539.5	2522.0	cps
Rho		1.7100	2.5900	1.3800	g/cc
Pe			2.5700	1.5500	
Rib Angle	: 44.0	Rib Slope	: 0.965	Density/Spine Ratio	: 0.549
Spine Angle	: 74.0	Spine Slope	: 3.481	Spine Intercept	: -18.2

Caliper	Readings	Reference
Low Ref	2.1	6.3
High Ref	4.4	14.0
	Gain: 3.3	Offset: -0.5

Compensated Neutron Calibration Report

Serial Number:	NEU_3I
Tool Model:	G

CALIBRATION					
Detector	Readings		Target		Normalization
Short Space	997.00	cps	1000.00	cps	1.0000
Long Space	986.00	cps	1000.00	cps	1.0000

Gamma Ray Calibration Report

Serial Number:	GR3	
Tool Model:	OPEN	
Performed:	Wed Jul 15 17:46:22 2009	
Calibrator Value:	200.0	GAPI
Background Reading:	3.0	cps
Calibrator Reading:	186.0	cps
Sensitivity:	0.4500	GAPI/cps