SUPERIOR WELL SERVICES

SUPERIOR
Hays, Kansas

COMPENSATED DENSITY / NEUTRON PE LOG

Company VINCENT OIL CORPORATION
Well RINEHART #1-17
Field WILDCAT
County FORD State KANSAS

Location: API # : 15-057-20692
1820' FNL & 2310' FEL
SEC 17 TWP 28S RGE 23W

Other Services
DIL
SONIC/MEL

Elevation
K.B. 2531
D.F.
G.L. 2521

Permanent Datum GROUND LEVEL Elevation 2521
Log Measured From KELLY BUSHING 10' A.G.L.
Drilling Measured From KELLY BUSHING

Company VINCENT OIL CORPORATION
Well RINEHART #1-17
Field WILDCAT
County FORD
State KANSAS

Date	9-11-10		
Run Number	ONE		
Depth Driller	5380		
Depth Logger	5384		
Bottom Logged Interval	5360		
Top Log Interval	3400		
Casing Driller	606		
Casing Logger	606		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.25 / 56		
pH / Fluid Loss	9.5 / 17.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.30 @ 95F		
Rmf @ Meas. Temp	0.25 @ 95F		
Rmc @ Meas. Temp	0.36 @ 95F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	.220 @ 128F		
Time Circulation Stopped	3 HOURS		
Time Logger on Bottom	3:30 P.M.		
Maximum Recorded Temperature	128F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	JIM HALL		

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Comments

SUPERIOR WELL SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: FORD, 1N TO SADDLE RD., 6W TO RD. #120, 2S, 1/2W, S INTO.

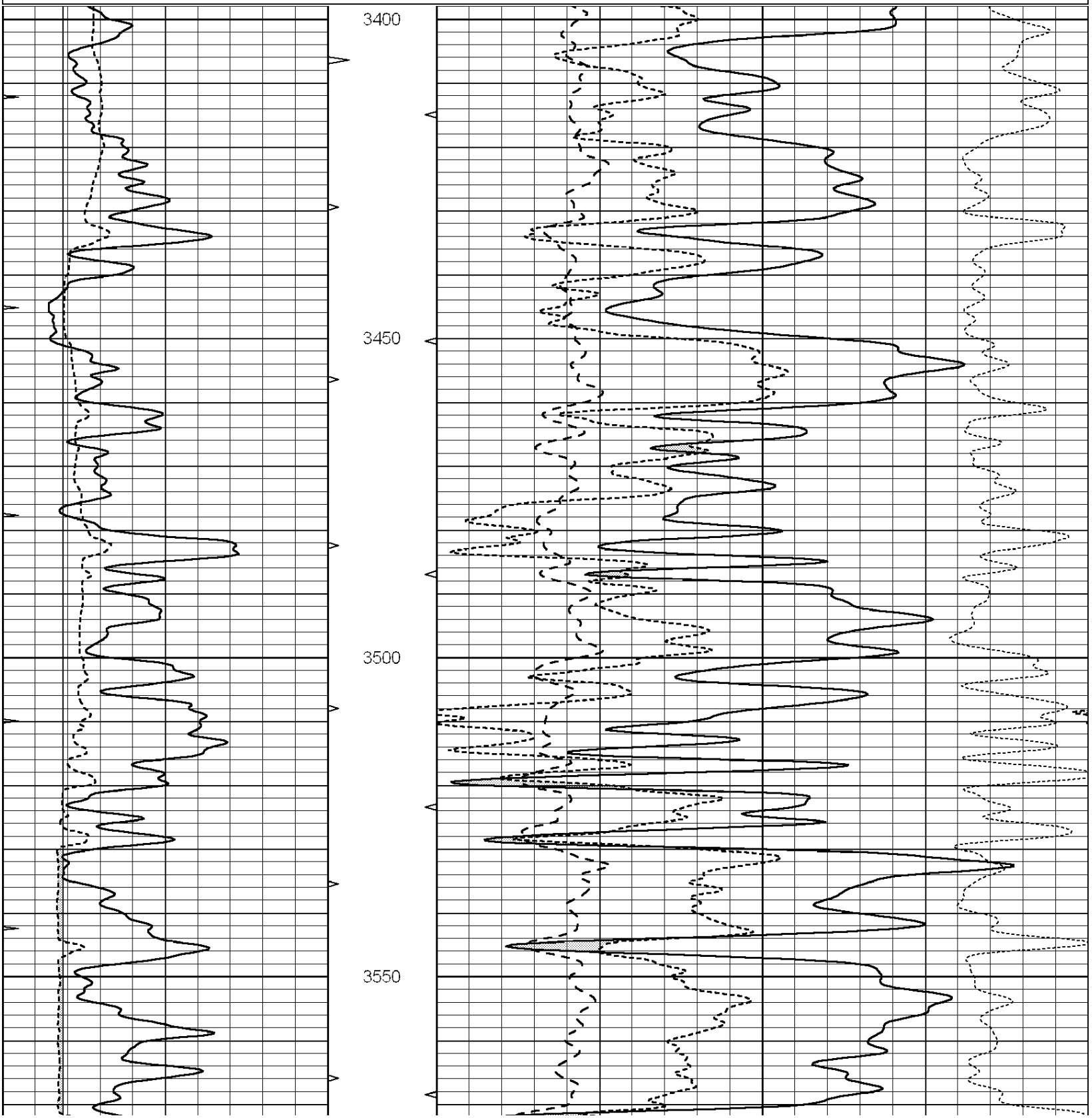
MAIN SECTION

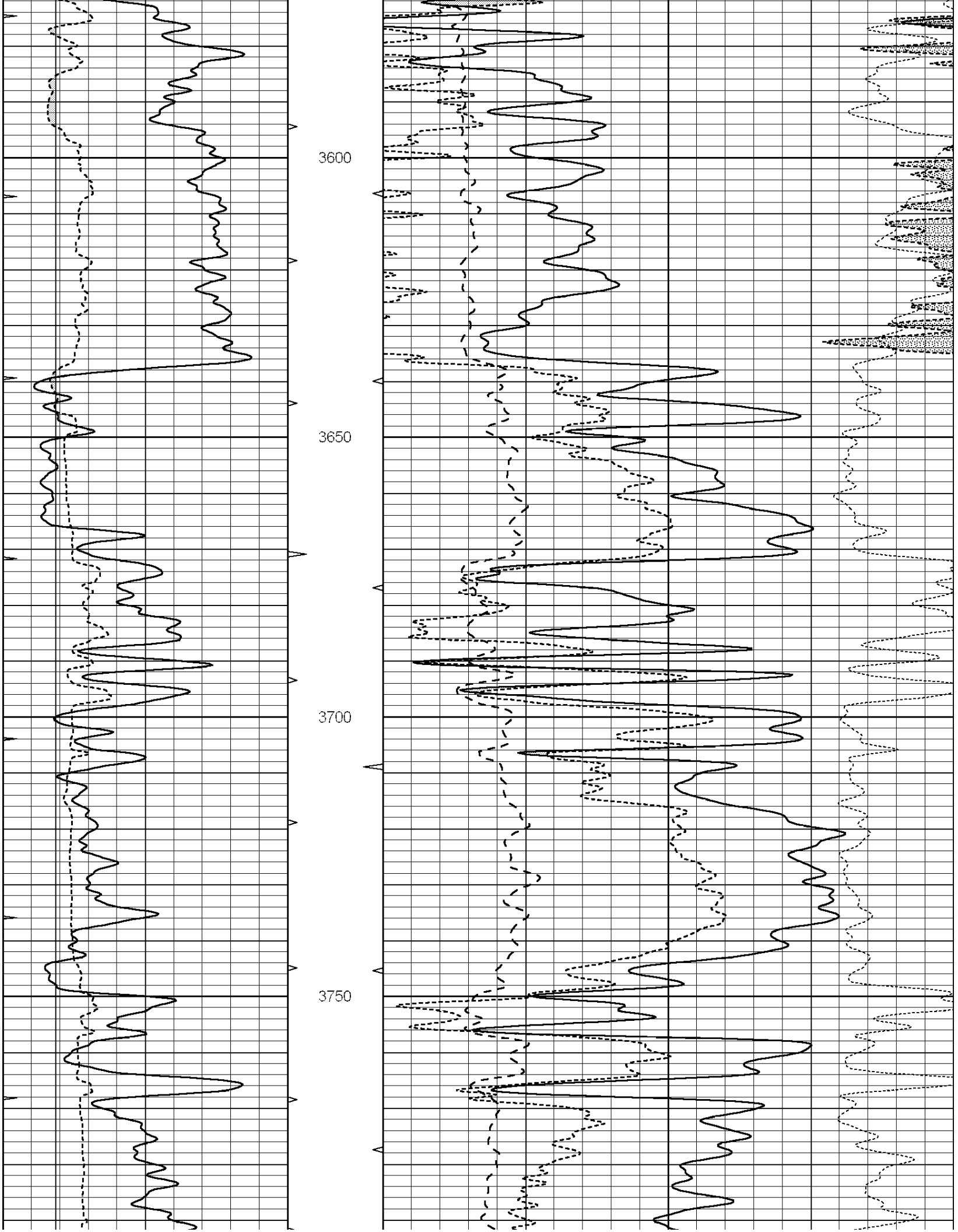
SUPERIOR
Hays,

Kansas

Database File: 005684pdn.db
Dataset Pathname: pass3.2
Presentation Format: ldt_neu
Dataset Creation: Sat Sep 11 17:48:47 2010
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 PE 10	-0.25 CORRECTION (g/cc) 0.25		
	0 (ft3) 10				

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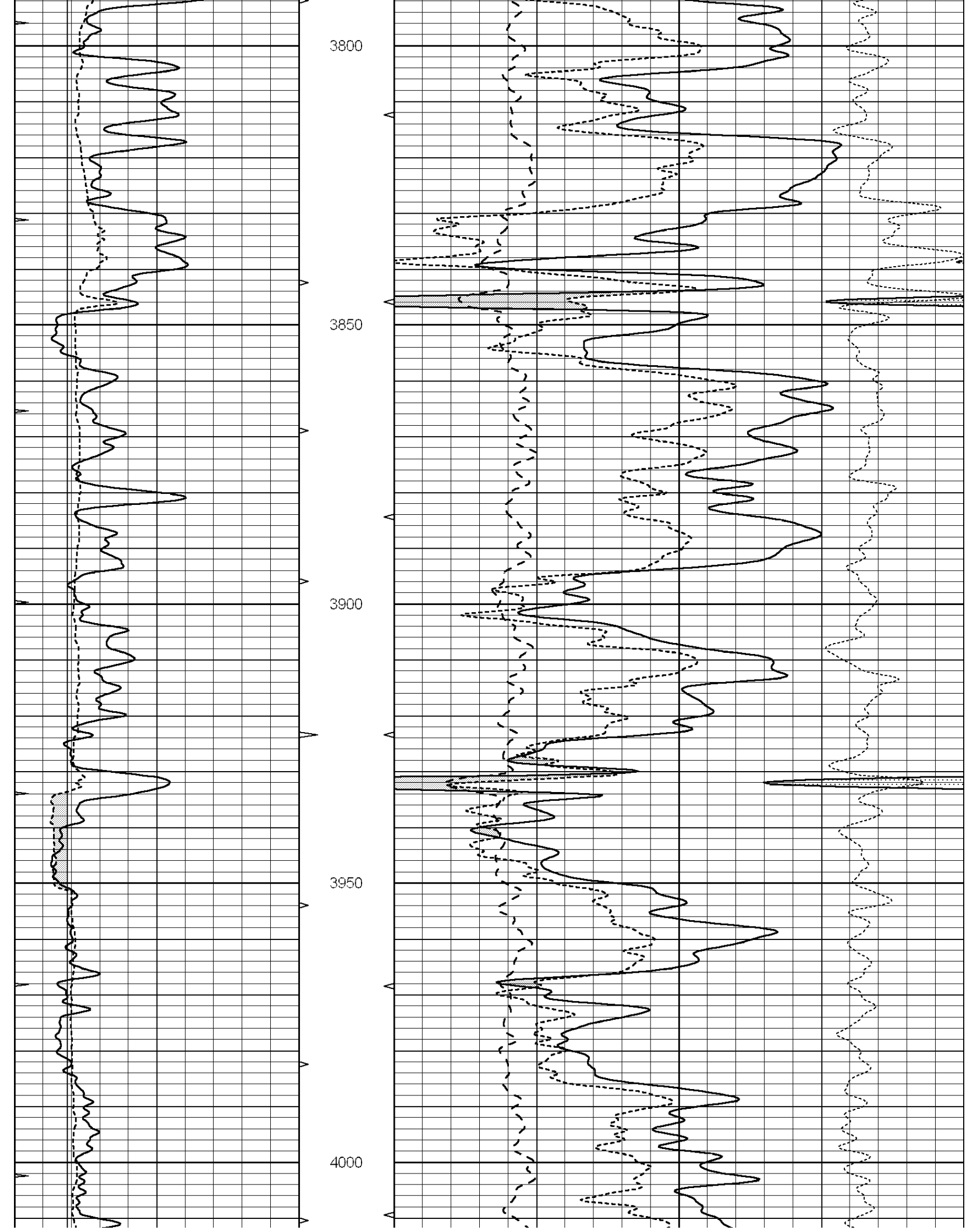
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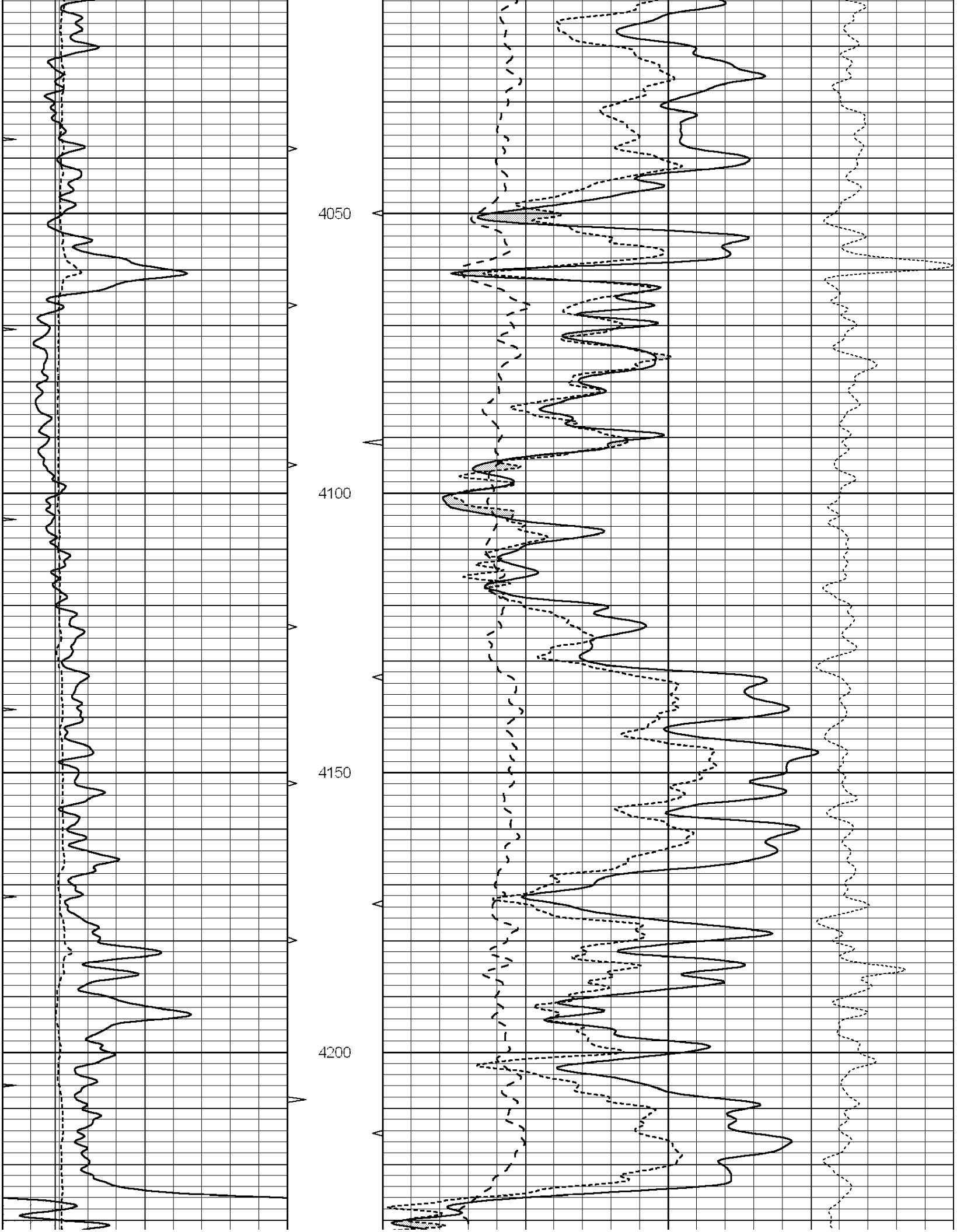
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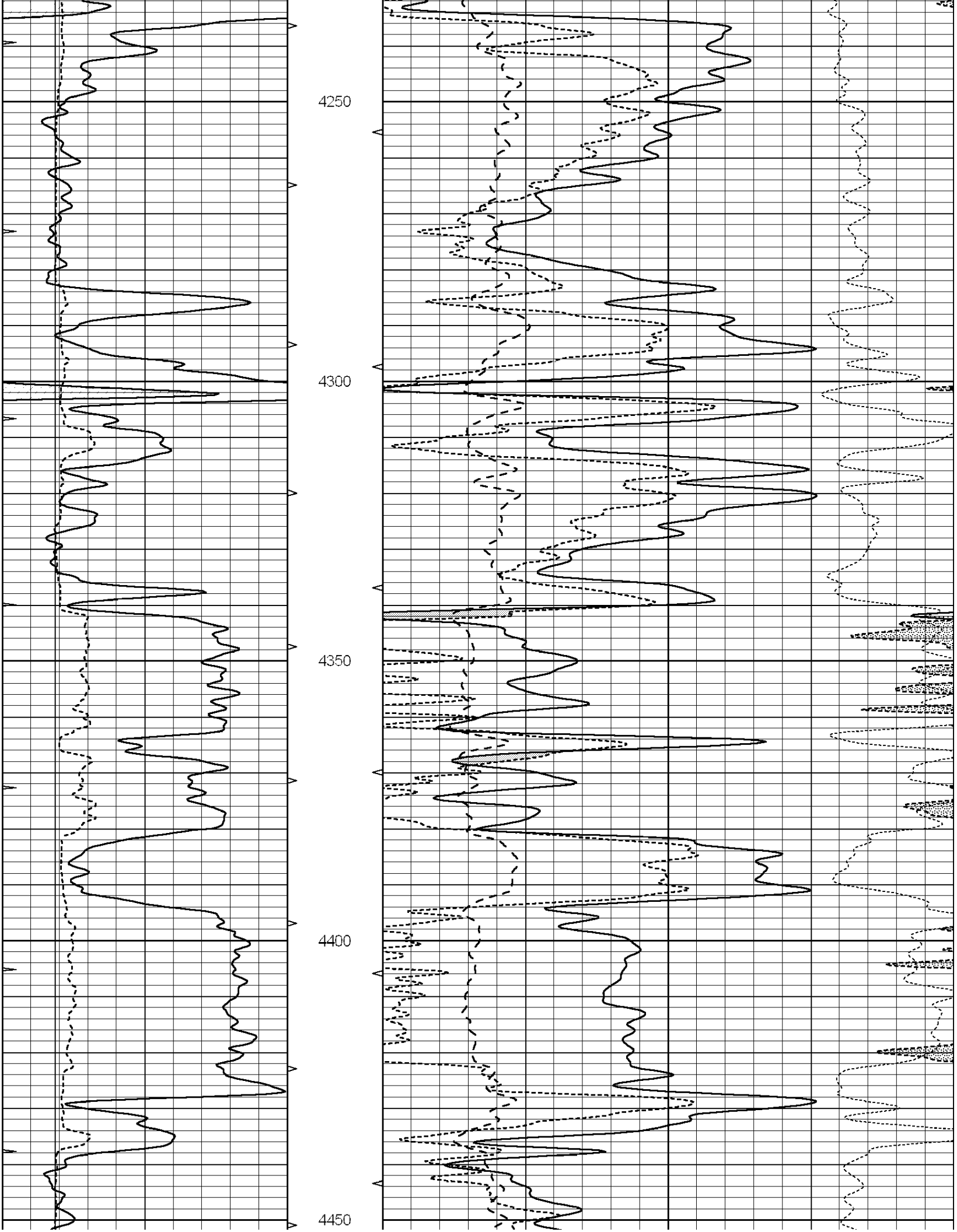
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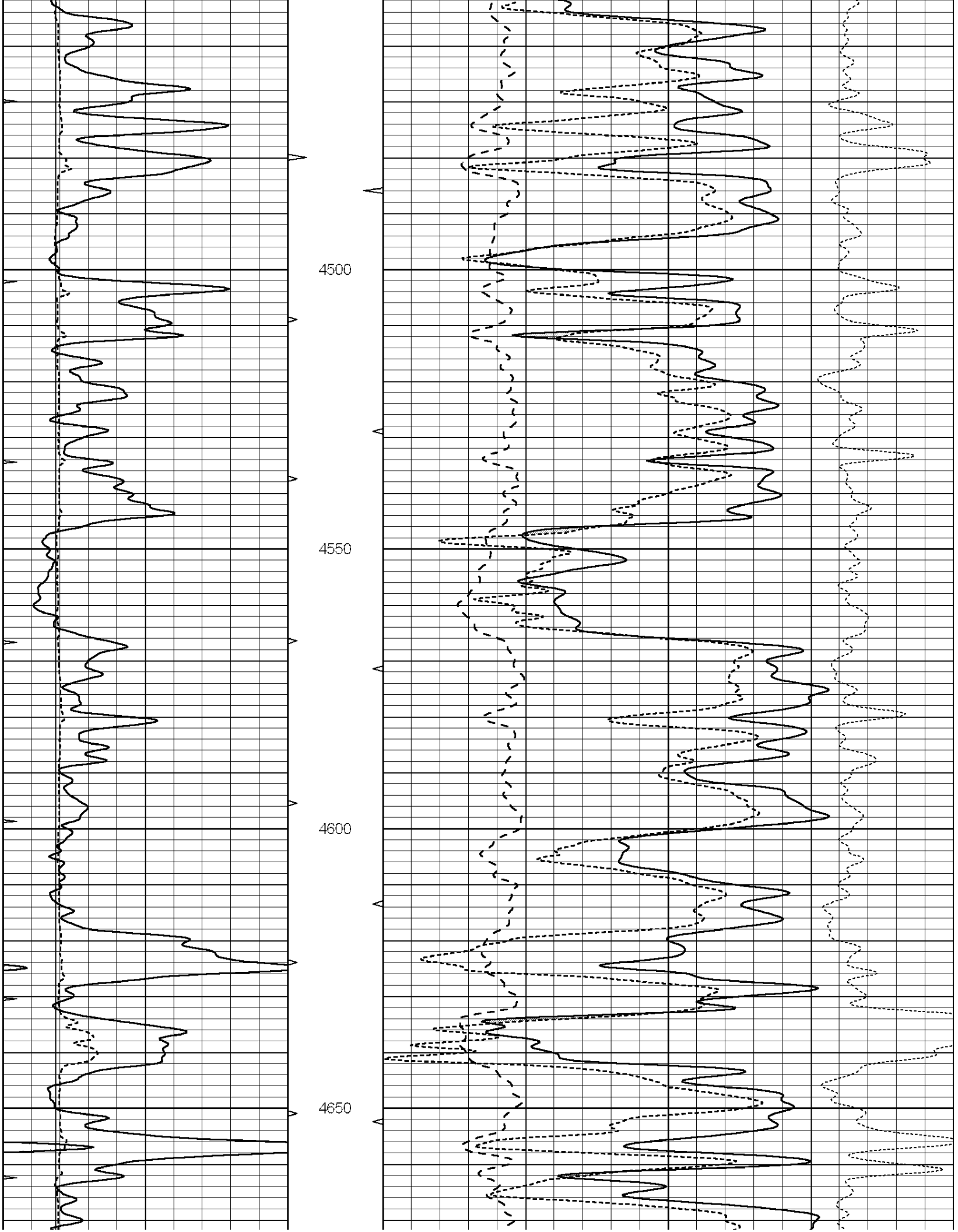
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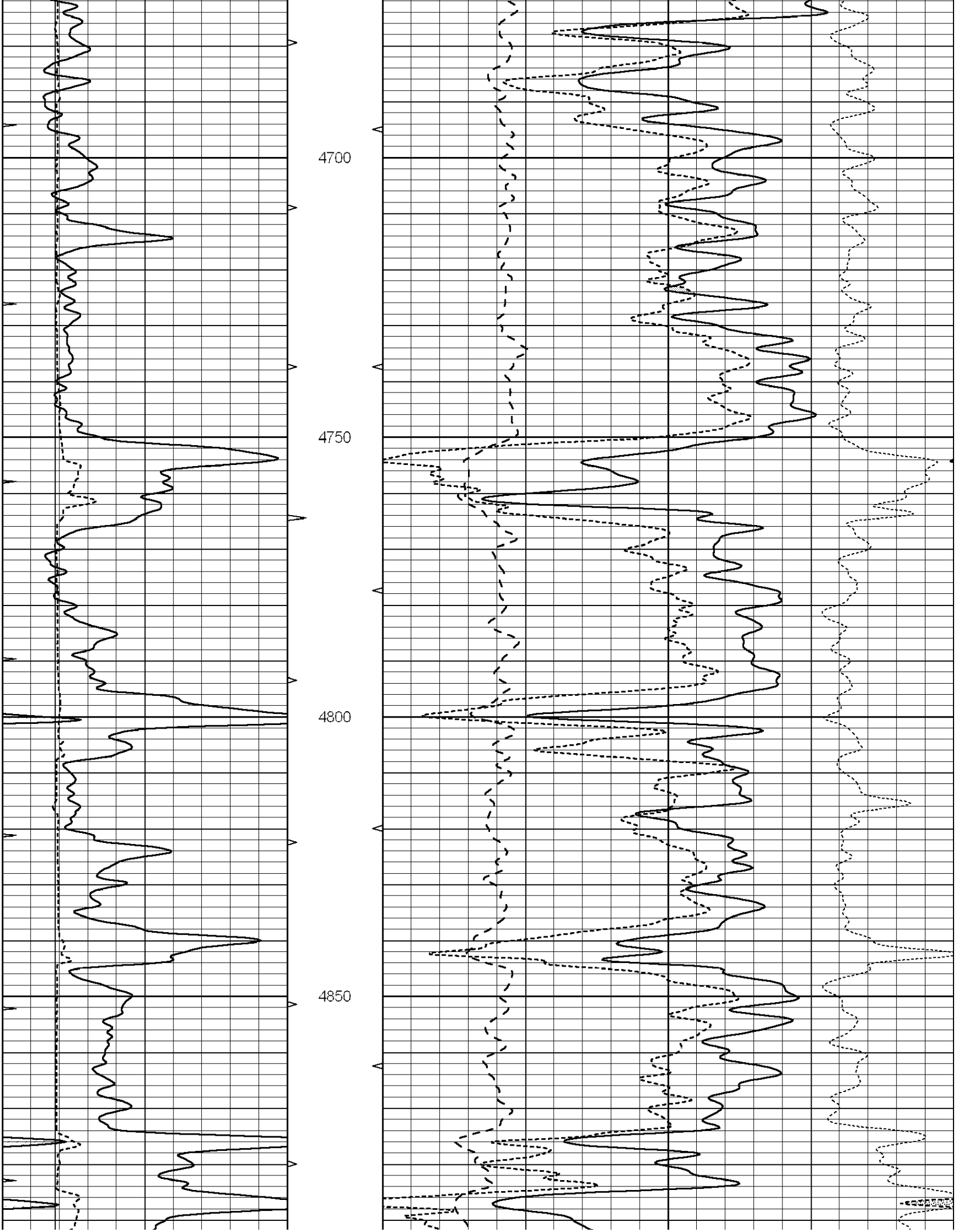
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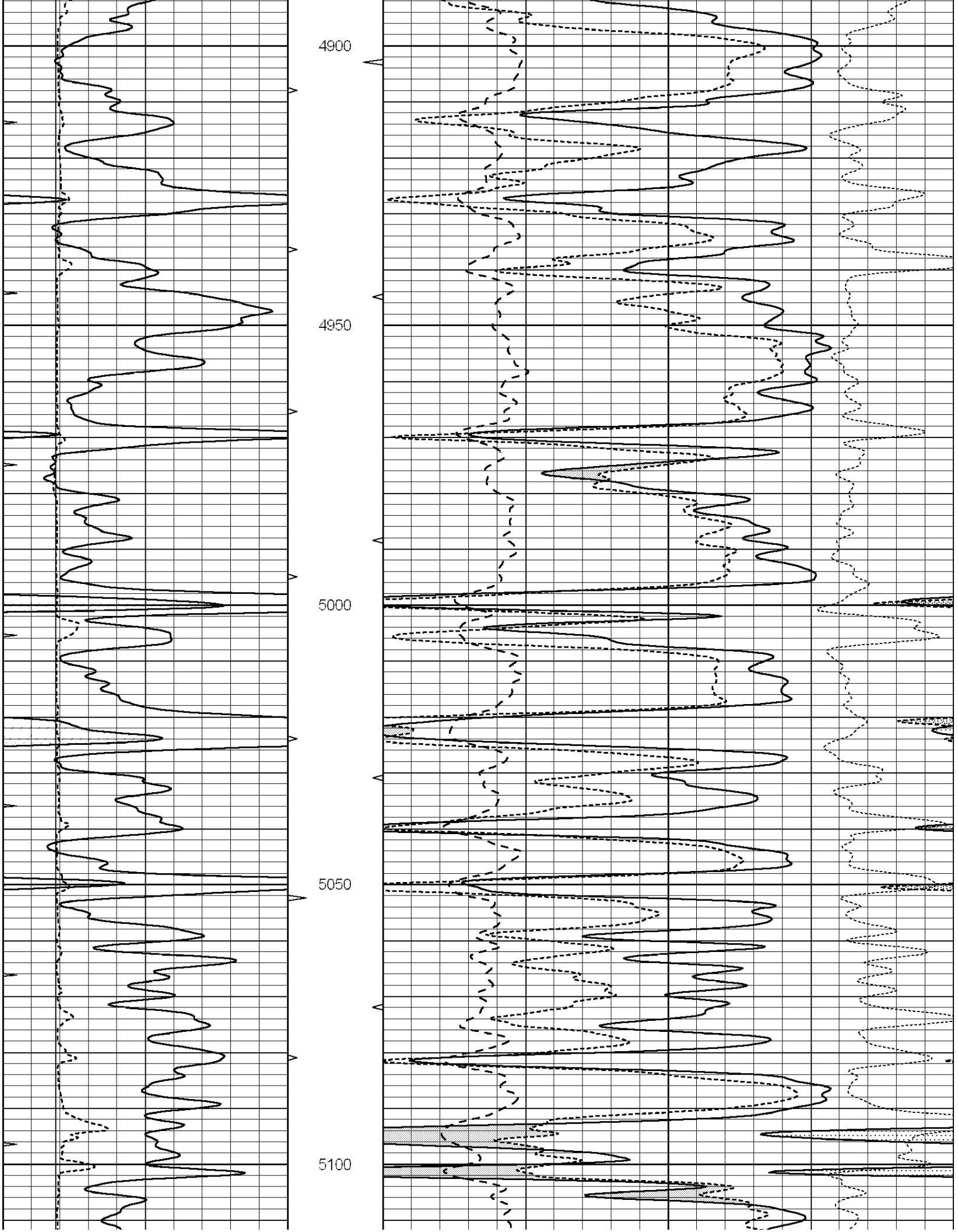
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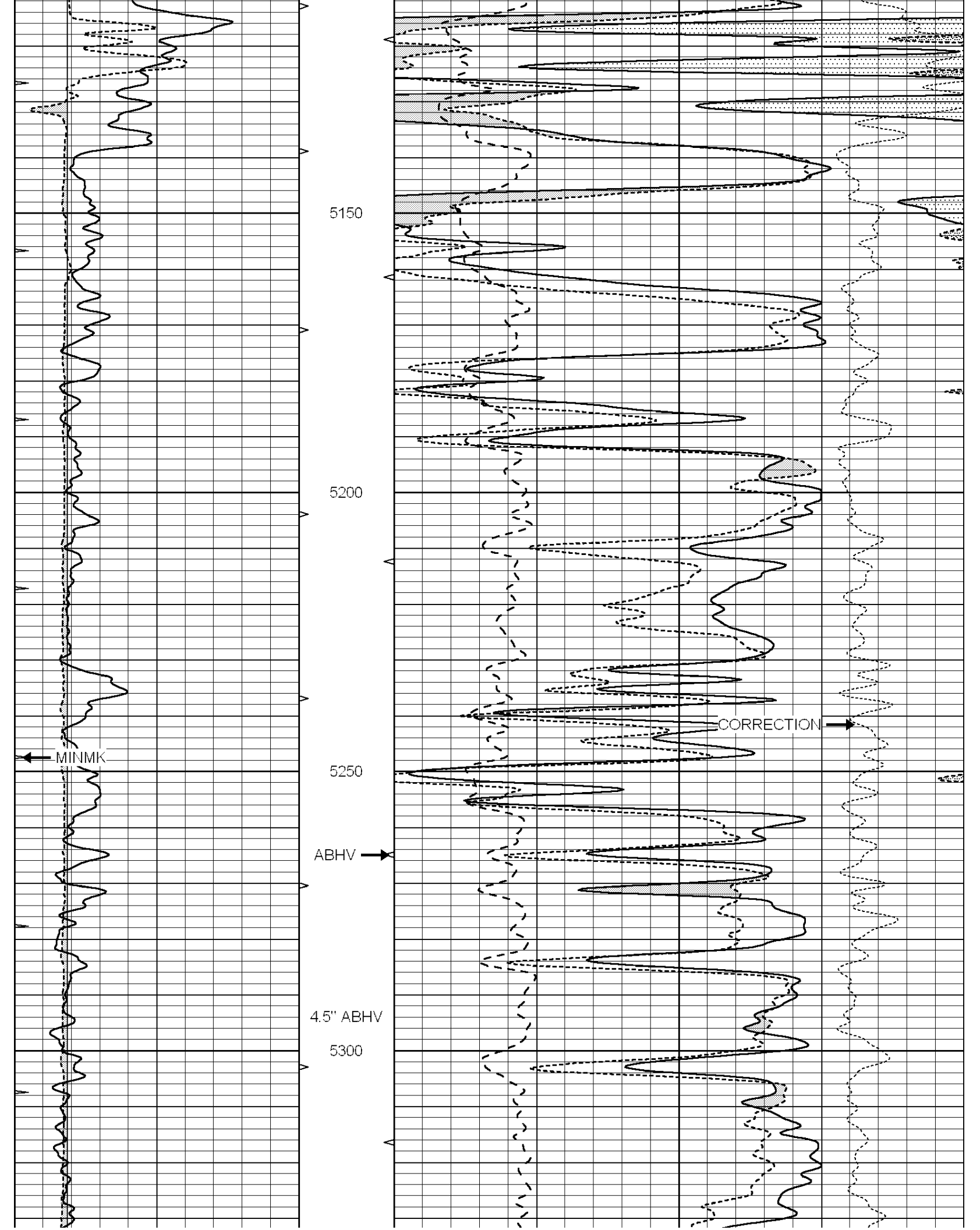
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CORRECTION
MINMK
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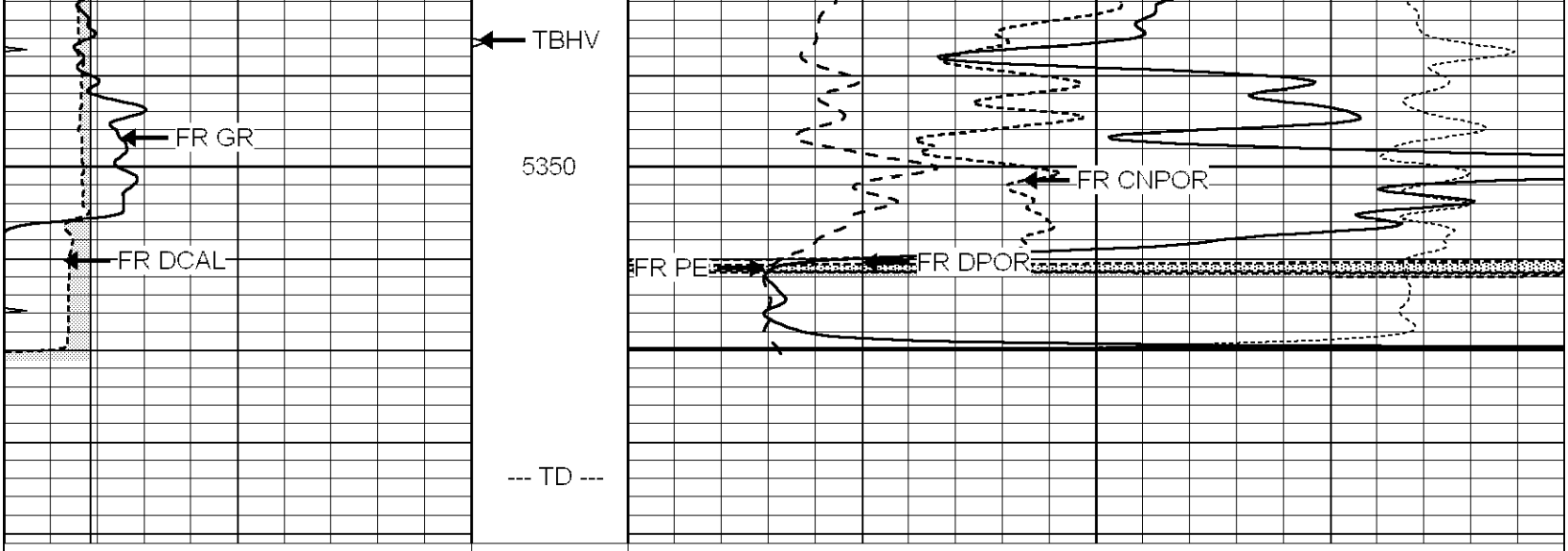
ABHV
4.5" ABHV
5300



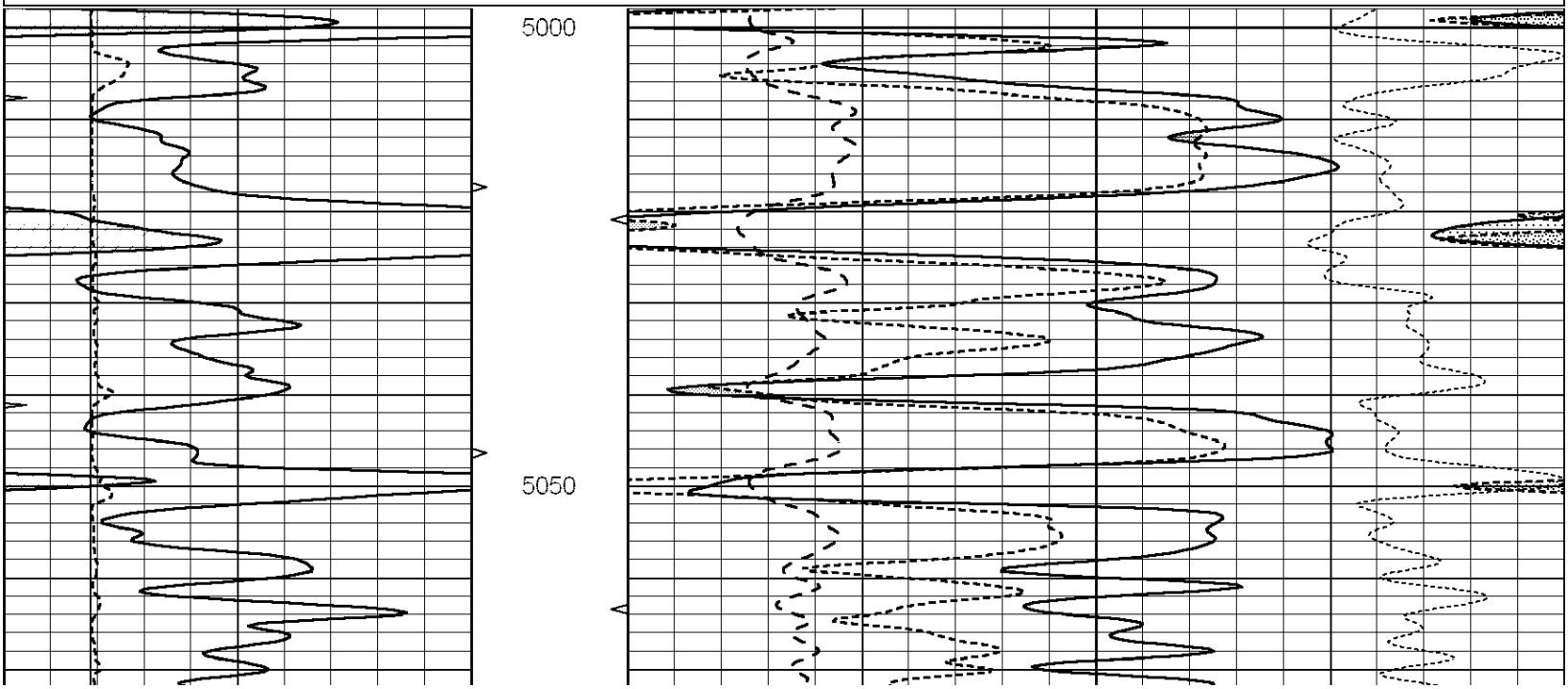
0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)		-10
6	CALIPER (in)	16	10 (ft3) 0	30	COMPENSATED NEUTRON (pu)		-10
0	MINMK	20	TBHV	0	PE 10	-0.25 CORRECTION (g/cc)	0.25
			0 (ft3) 10				

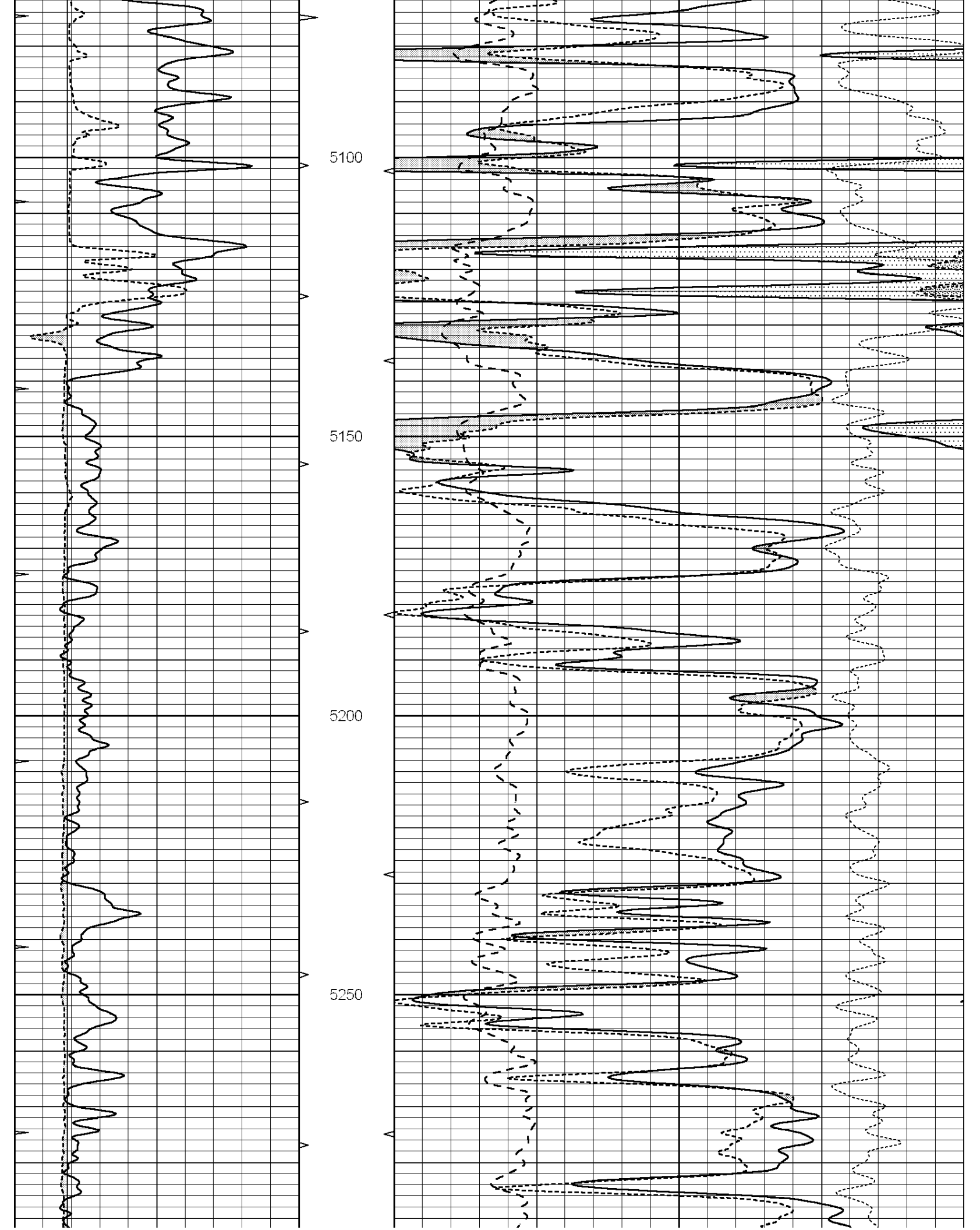
SUPERIOR
Hays,
Kansas

REPEAT SECTION

Database File: 005684pdn.db
Dataset Pathname: pass2.2
Presentation Format: ldt_neu
Dataset Creation: Sat Sep 11 17:37:34 2010
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	PE 10	-0.25 CORRECTION (g/cc)	0.25
			0 (ft3) 10				

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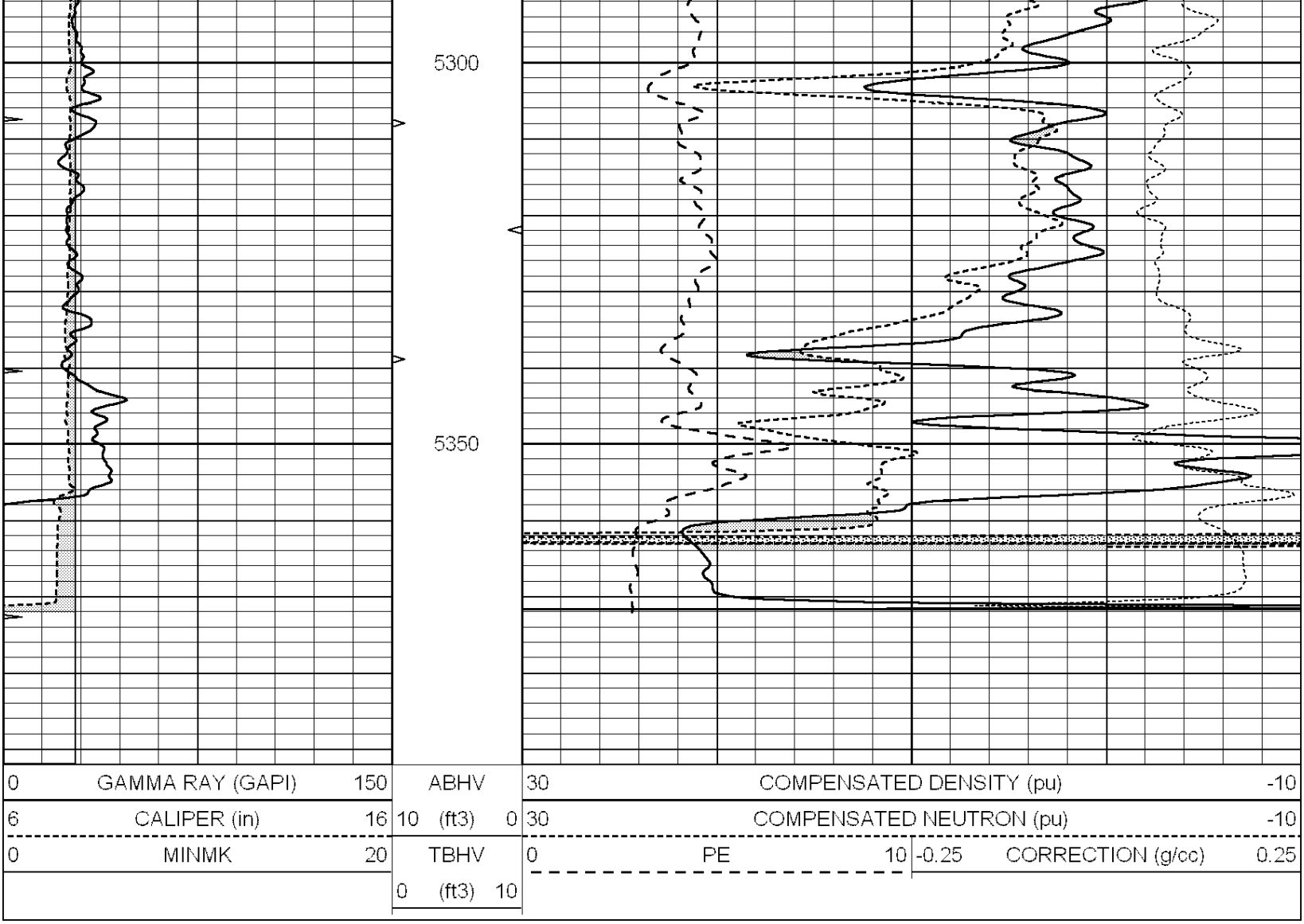

Calibration Report

Database File: 005684pdn.db
Dataset Pathname: pass3.2
Dataset Creation: Sat Sep 11 17:48:47 2010

Dual Induction Calibration Report

Serial-Model: DIL5-GEAR
Performed: Sat Sep 11 15:49:05 2010

	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.004	0.654	V	0.000	400.000	mmho/m	540.000	1.000
Medium	-0.005	0.737	V	0.000	462.500	mmho/m	520.000	-4.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.006	0.655	V	0.000	400.000	mmho/m	615.668	-3.483
Medium	0.010	0.747	V	0.000	462.500	mmho/m	627.607	-6.064

Litho Density Calibration Report

Serial: 002 Model: PRB
Performed Tue Jul 03 11:12:28 2007

Litho Density Calibration

Background	Magnesium	Aluminum	Sandstone

Window 1	1059.5	9172.0	2859.6	10210.6	cps
Window 2	976.0	7793.2	2486.1	8515.6	cps
Window 3	689.8	2930.5	1159.0	3096.2	cps
Window 4	231.9	237.2	231.1	234.0	cps
Long Space	0.0	6817.1	1510.1	7539.6	cps
Short Space	1.6	1758.1	1188.6	1898.8	cps
Rho		1.7100	2.5960	1.3800	g/cc
Pe			2.5700	1.5500	

Rib Angle	: 45.4	Rib Slope	: 1.015	Density/Spine Ratio	: 0.569
Spine Angle	: 75.4	Spine Slope	: 3.850	Spine Intercept	: -19.9

Caliper

	Readings	Reference
Low Ref	2.8	9.2
High Ref	4.8	14.0
	Gain: 2.4	Offset: 2.6

Compensated Neutron Calibration Report

Serial Number: NEU_1I
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: GR5
Tool Model: OPEN
Performed: Sat Sep 11 15:48:17 2010

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 1.0 cps

Sensitivity: 0.6500 GAPI/cps