



COMPENSATED
DENSITY / NEUTRON
PE LOG

Company MCGINNESS ENERGY COMPANY, INC.

Well EUREKA #22-1

Field UNNAMED

County PRATT State KANSAS

Location: API #: 15-151-22554-0000

2185' FNL & 868' FWL

NW - SE - SW - NW

SEC 22 TWP 27S RGE 14W

DIL/MEL

Other Services

Elevation

K.B. 2003

D.F. 2001

G.L. 1990

Permanent Datum GROUND LEVEL Elevation 1990
Log Measured From KELLY BUSHING 13' A.G.L.
Drilling Measured From KELLY BUSHING

Date 10/1/22

Run Number ONE

Depth Driller 4580

Depth Logger 4584

Bottom Logged Interval 4560

Top Log Interval 2000

Casing Driller 8 5/8" @ 386'

Casing Logger 386

Bit Size 7 7/8"

Type Fluid in Hole CHEMICAL MUD

Density / Viscosity 9.5/53

pH / Fluid Loss 10.5/8.8

Source of Sample FLOWLINE

Rm @ Meas. Temp 1.70 @ 60F

Rmf @ Meas. Temp 1.28 @ 60F

Rmc @ Meas. Temp 2.04 @ 60F

Source of Rmf / Rmc MEASUREMENT

Rm @ BHT .843 @ 121F

Time Circulation Stopped 2.5 HOURS

Time Logger on Bottom 3:30 A.M.

Maximum Recorded Temperature 121F

Equipment Number 922339

Location HAYS, KANSAS

Recorded By JEFF LUEBBERS

Witnessed By KEN LeBLANC

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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.

15-151-22554-0000

Comments

THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395

DIRECTIONS

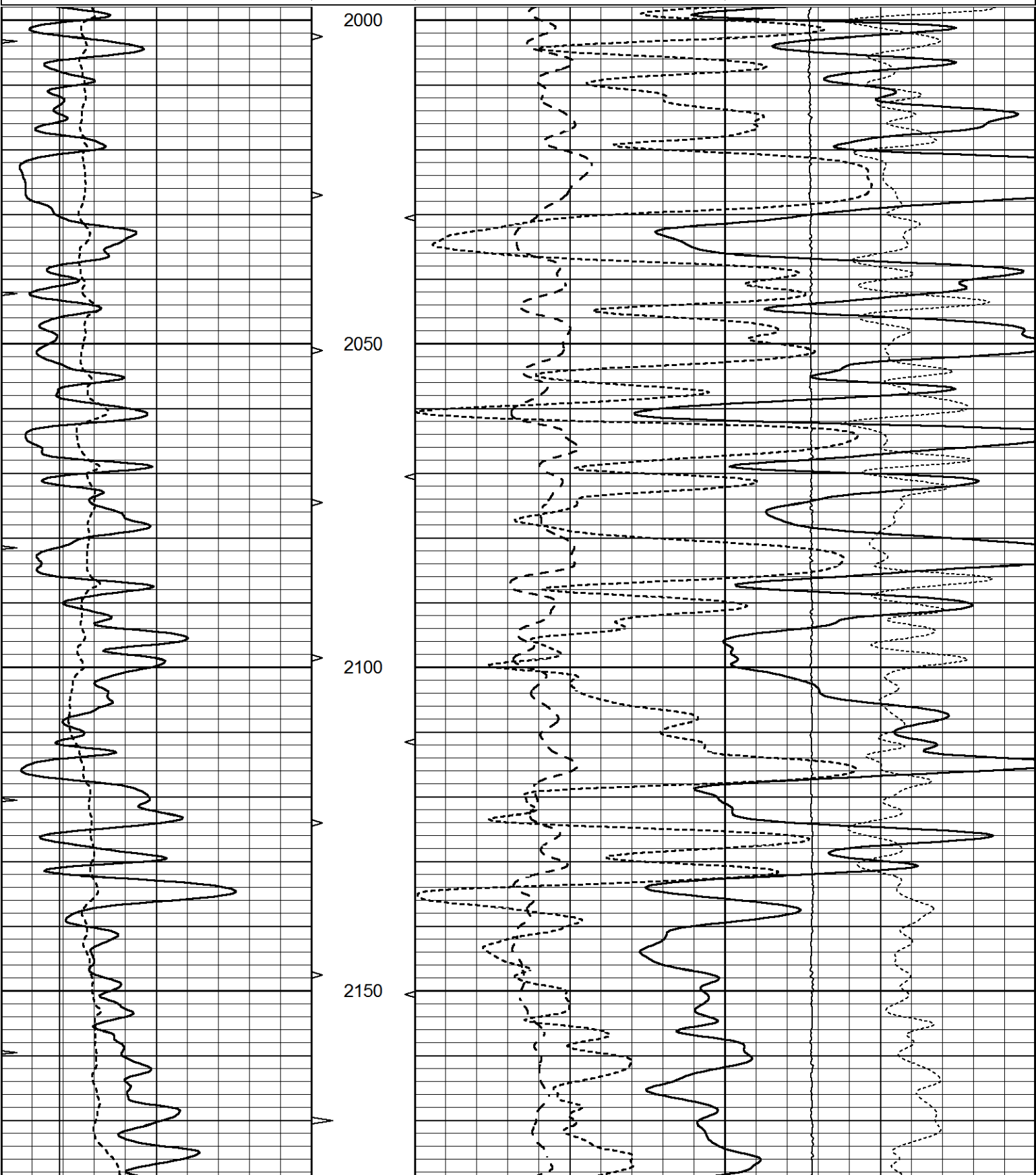
PRATT, KS., 7W. ON HWY 54 TO (BYERS BLKTOP "SW 70TH RD."), 3 1/4N. TO "NW 30TH RD.", 1 1/2E., S. INTO

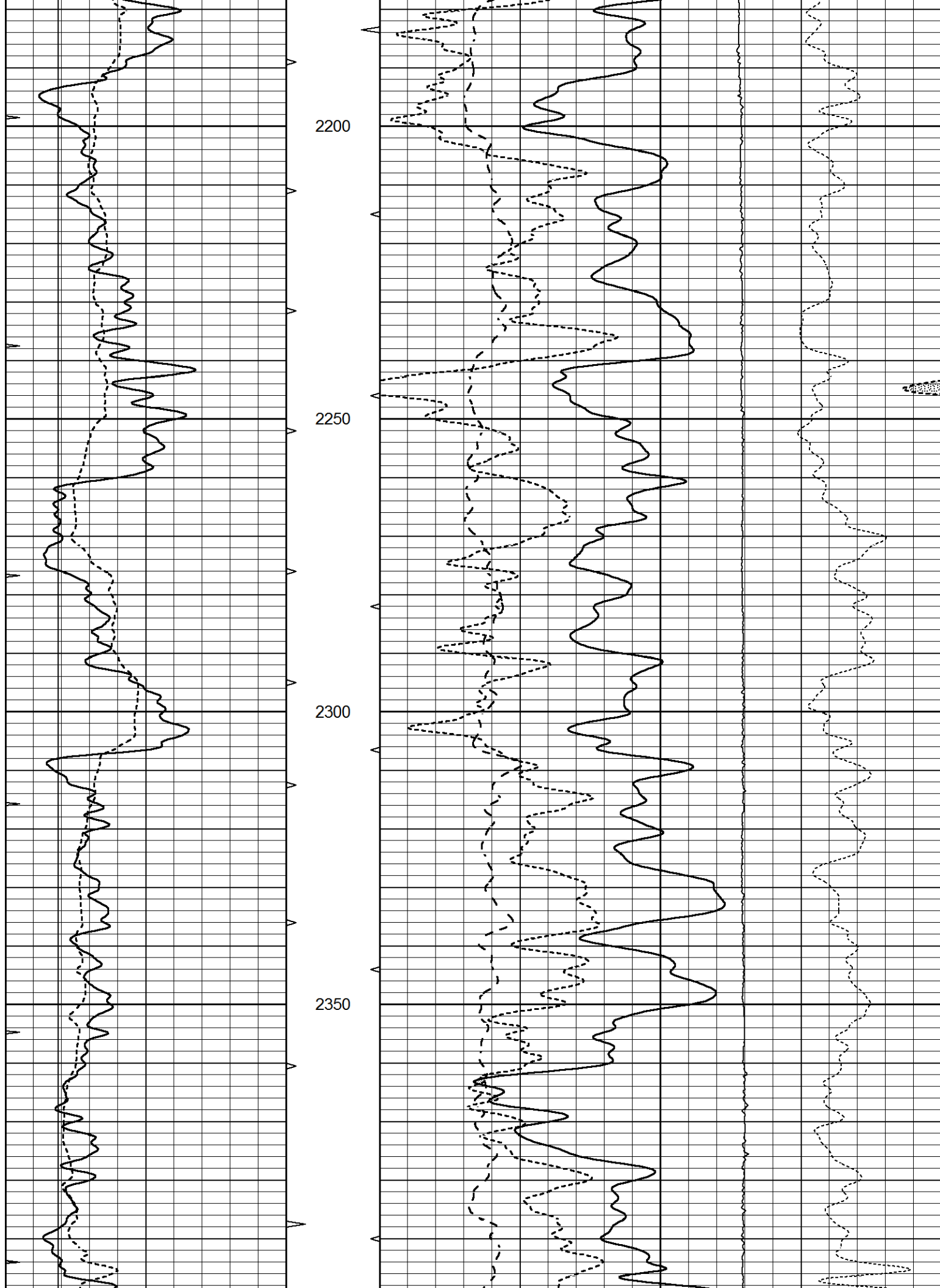


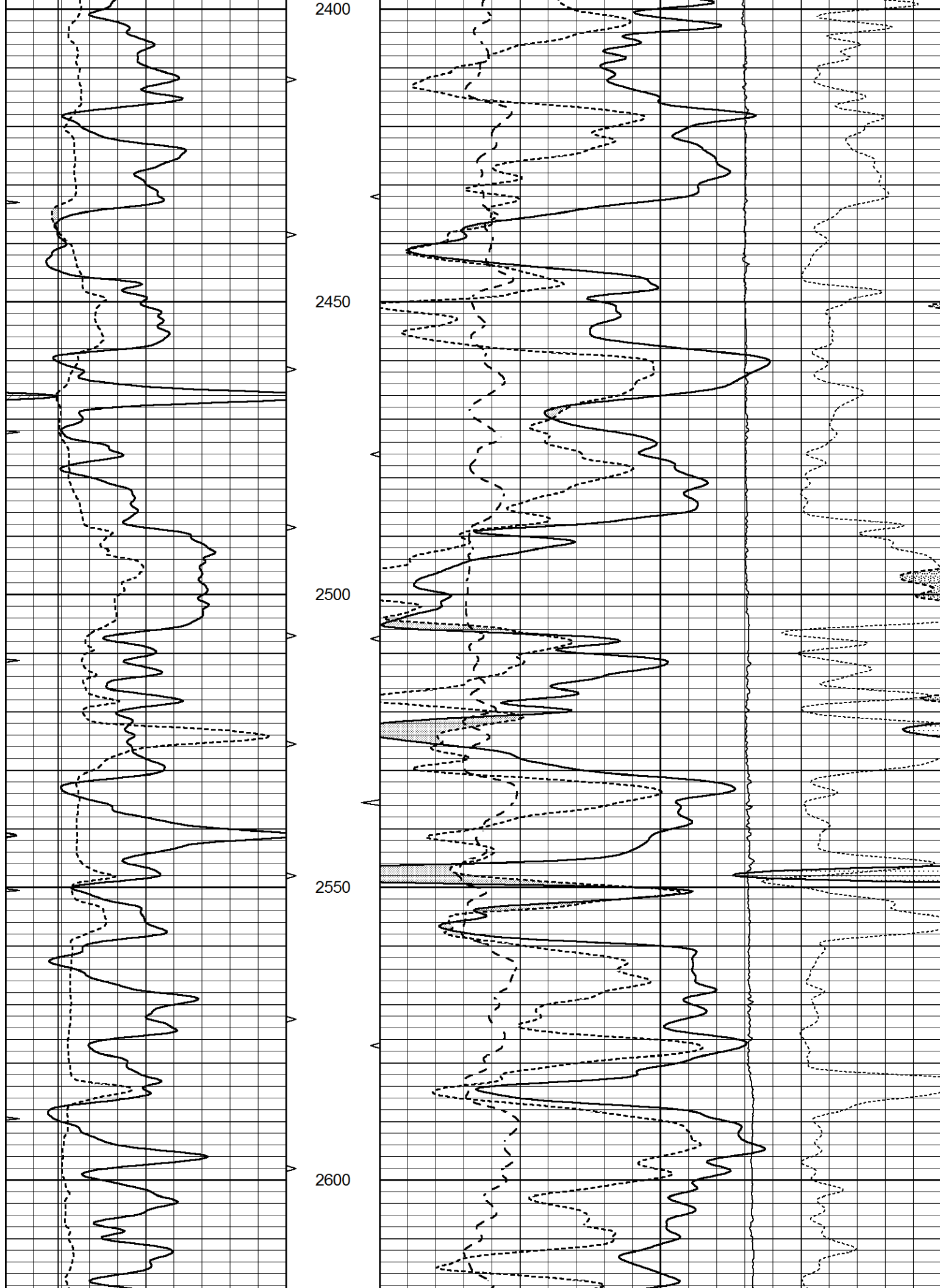
MAIN SECTION

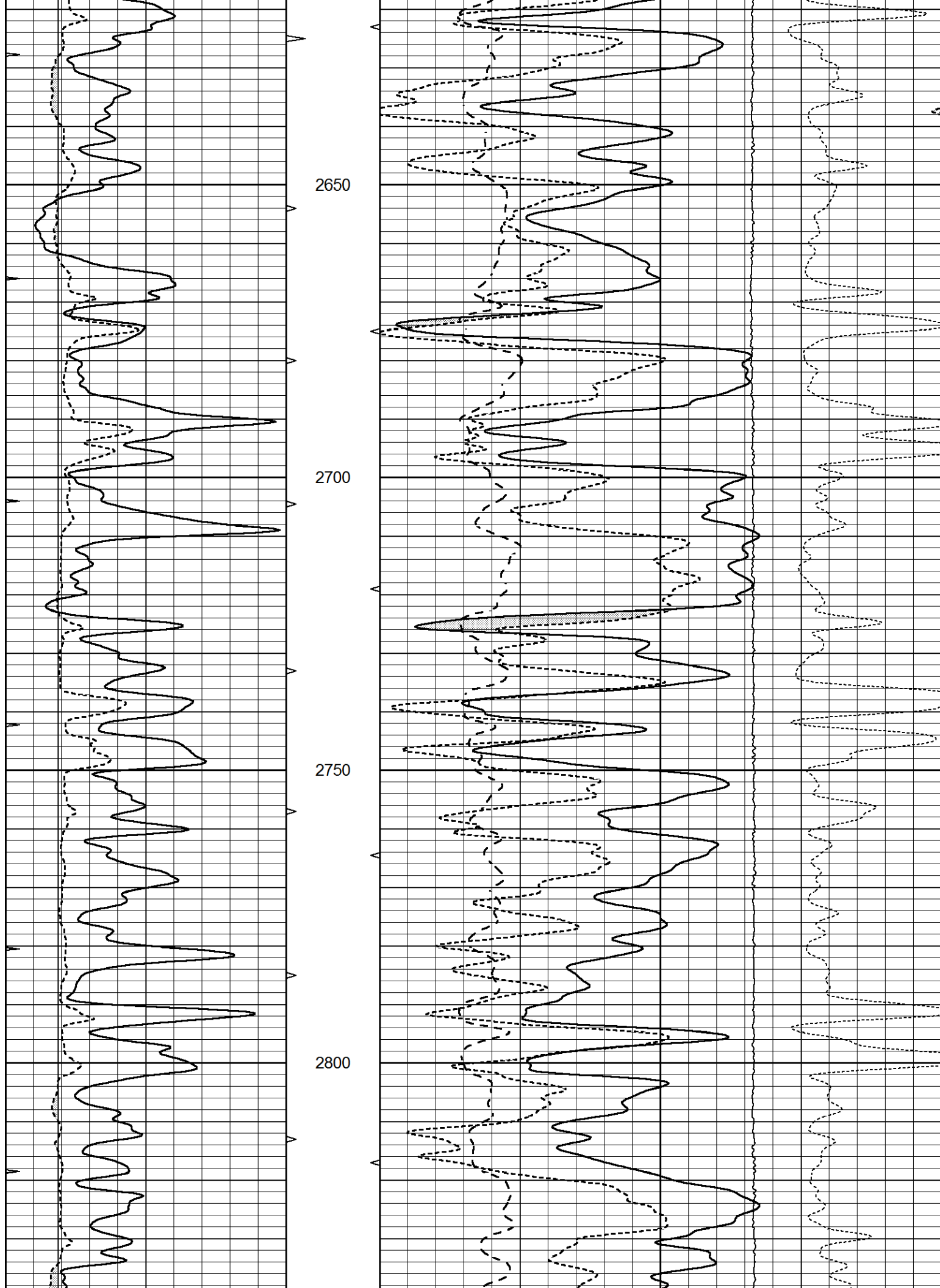
Database File	7085pe.db
Dataset Pathname	pass3.1M
Presentation Format	ldt_neu
Dataset Creation	Sat Oct 01 05:38:39 2022
Charted by	Depth in Feet scaled 1:240

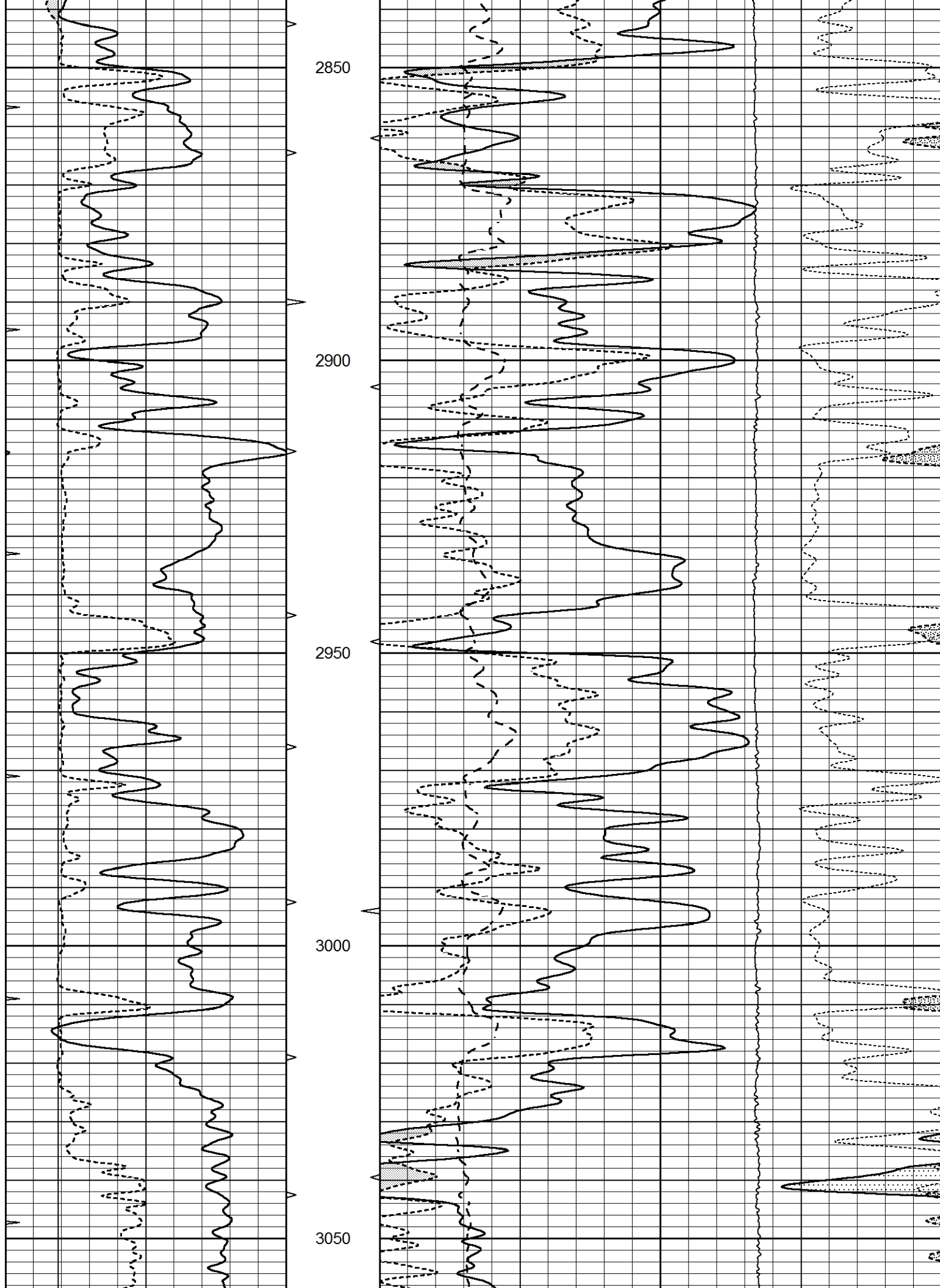
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6	CALIPER (in)	16	10 (ft3)	0	30	COMPENSATED NEUTRON (pu)				-10
0	MINMK	20	TBHV	0	PE	10	-0.25	CORRECTION (g/cc)	0.25	
			0 (ft3)	10			0	LTEN (lb)	5000	

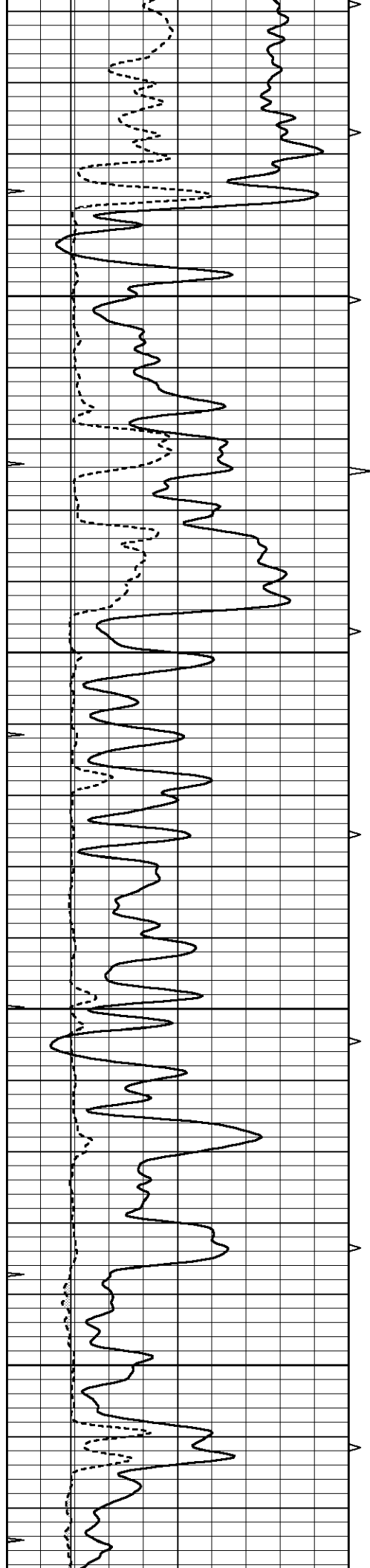










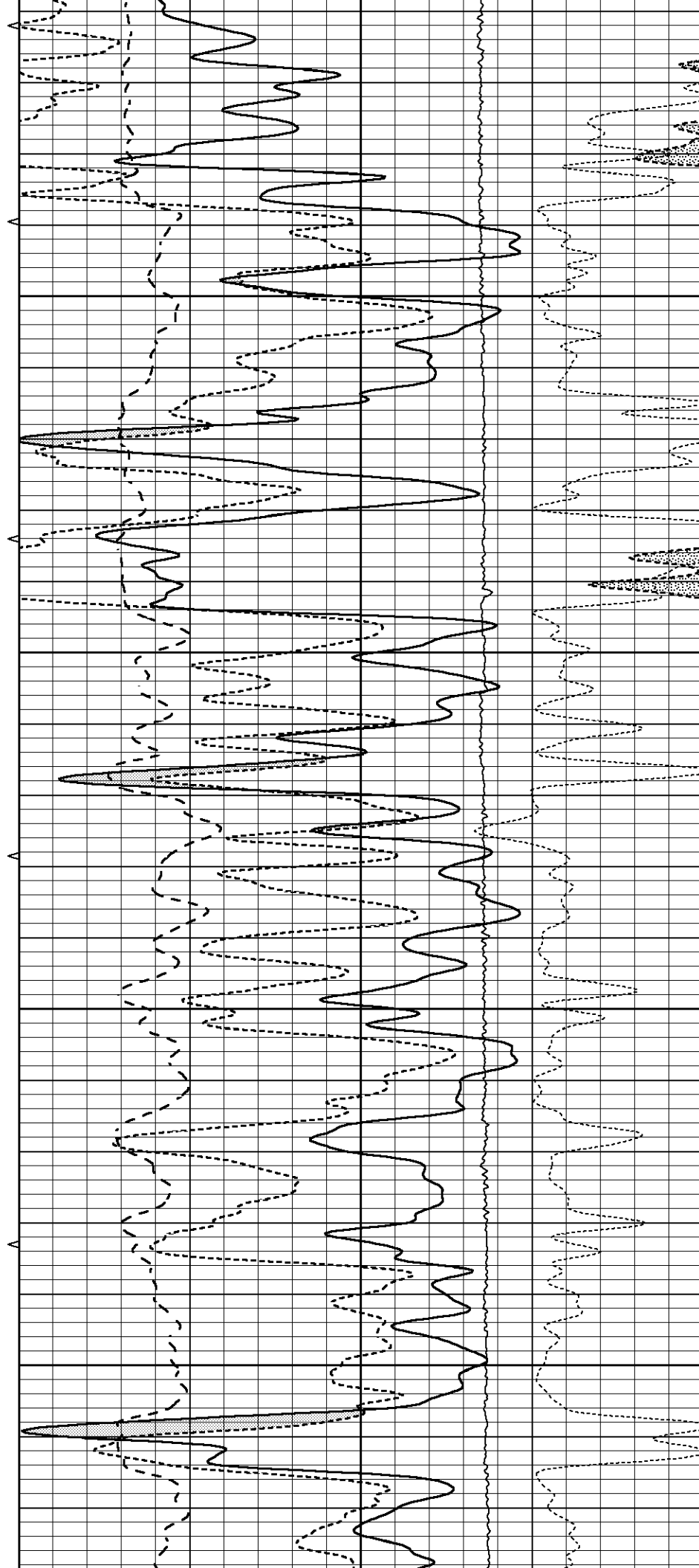


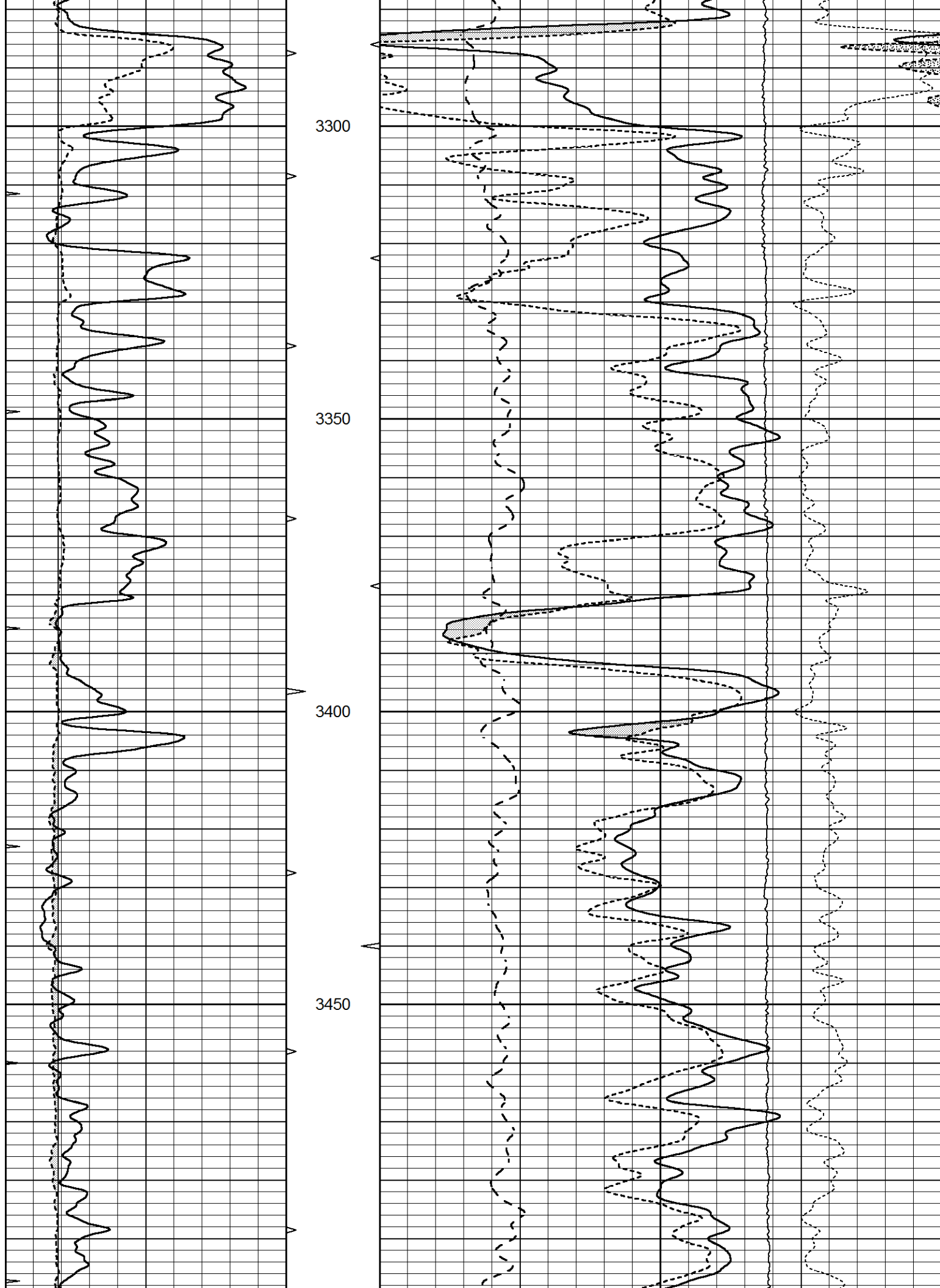
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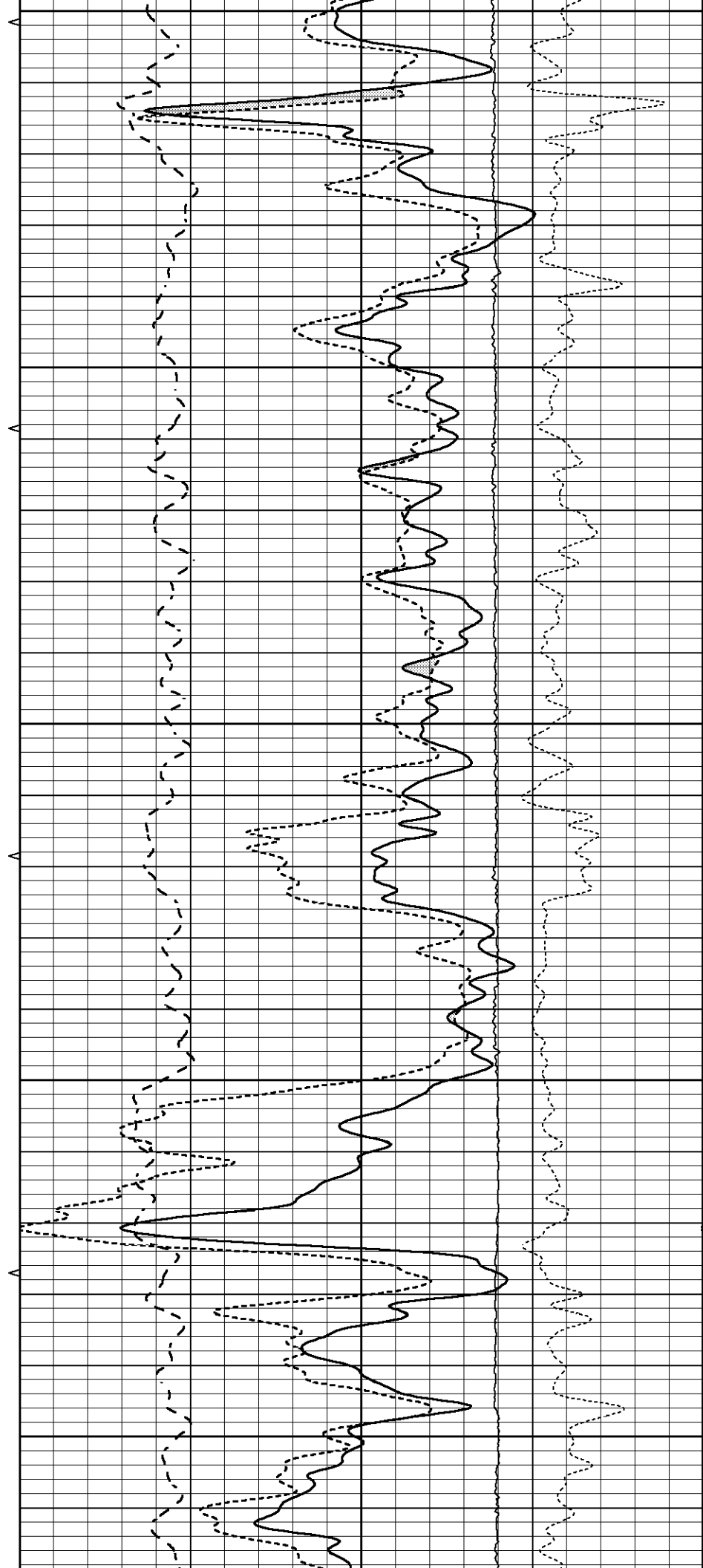
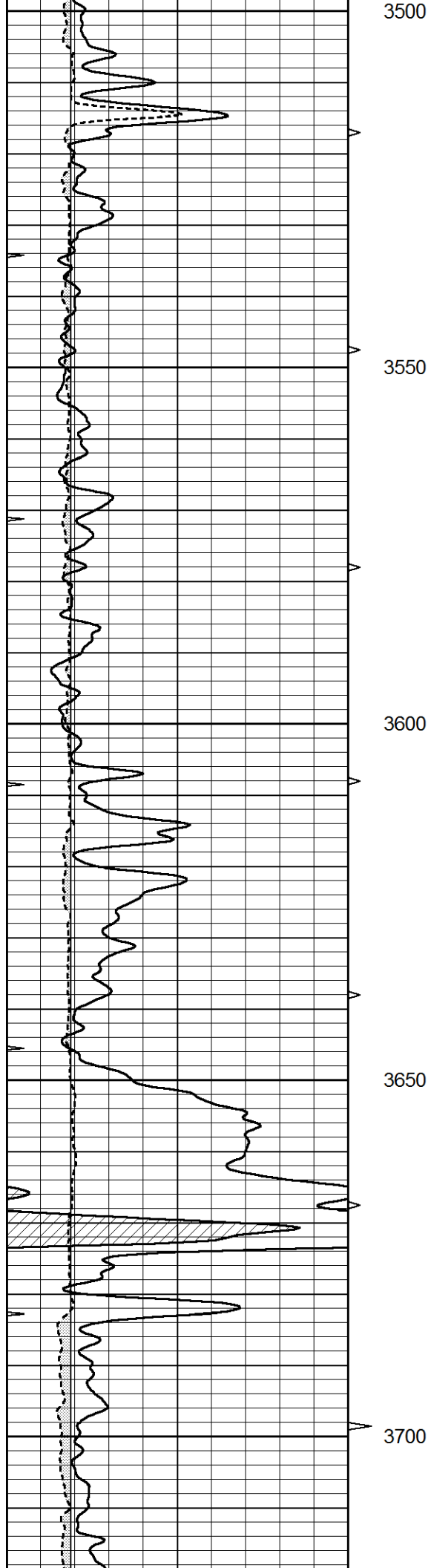
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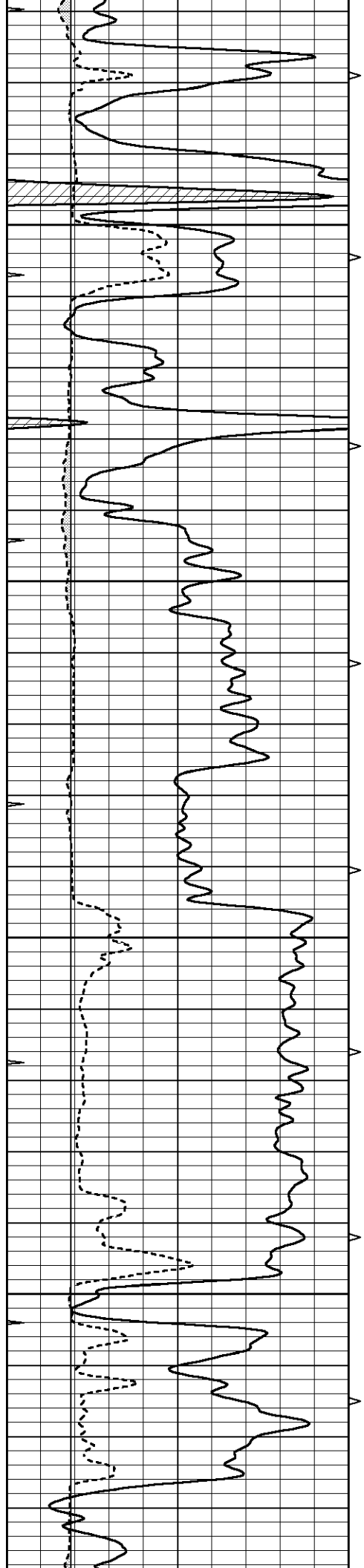
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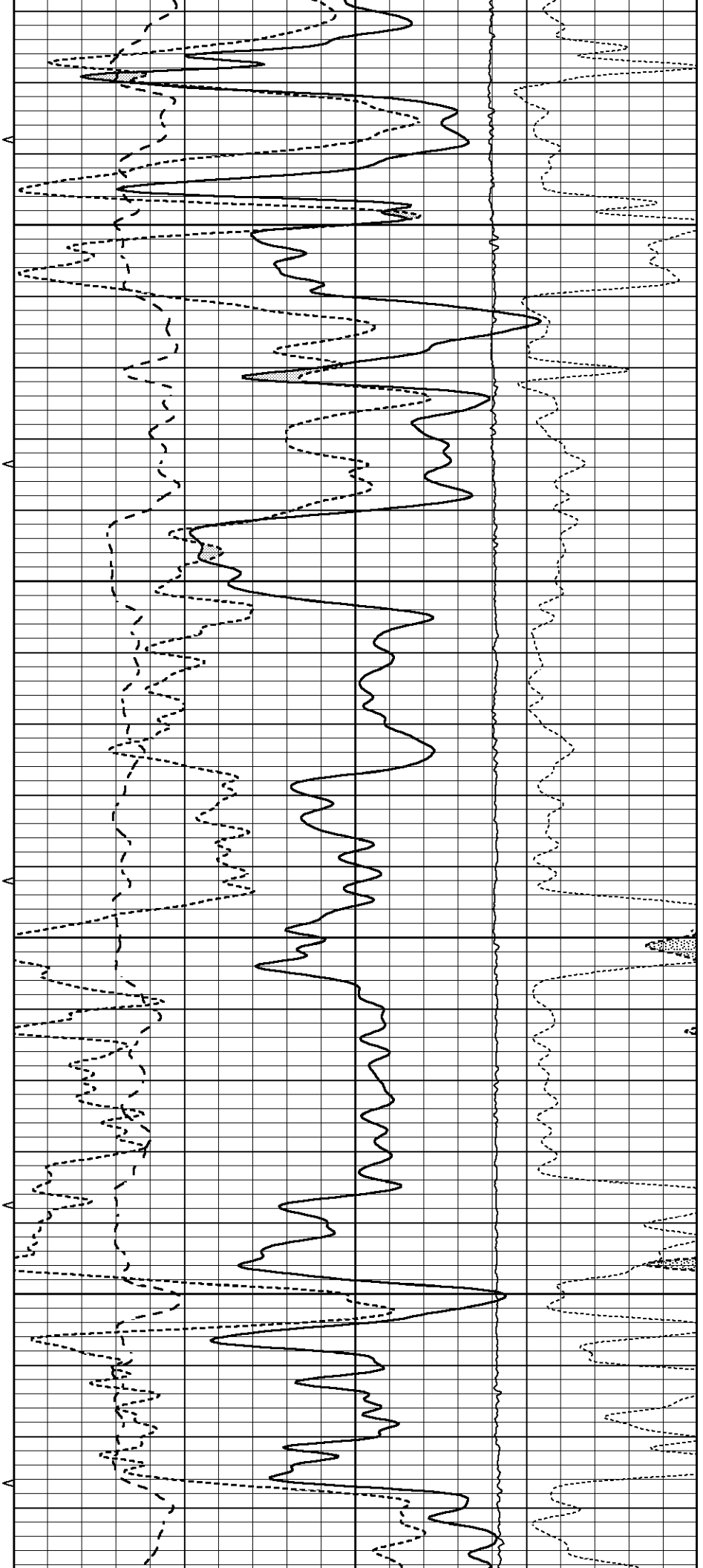


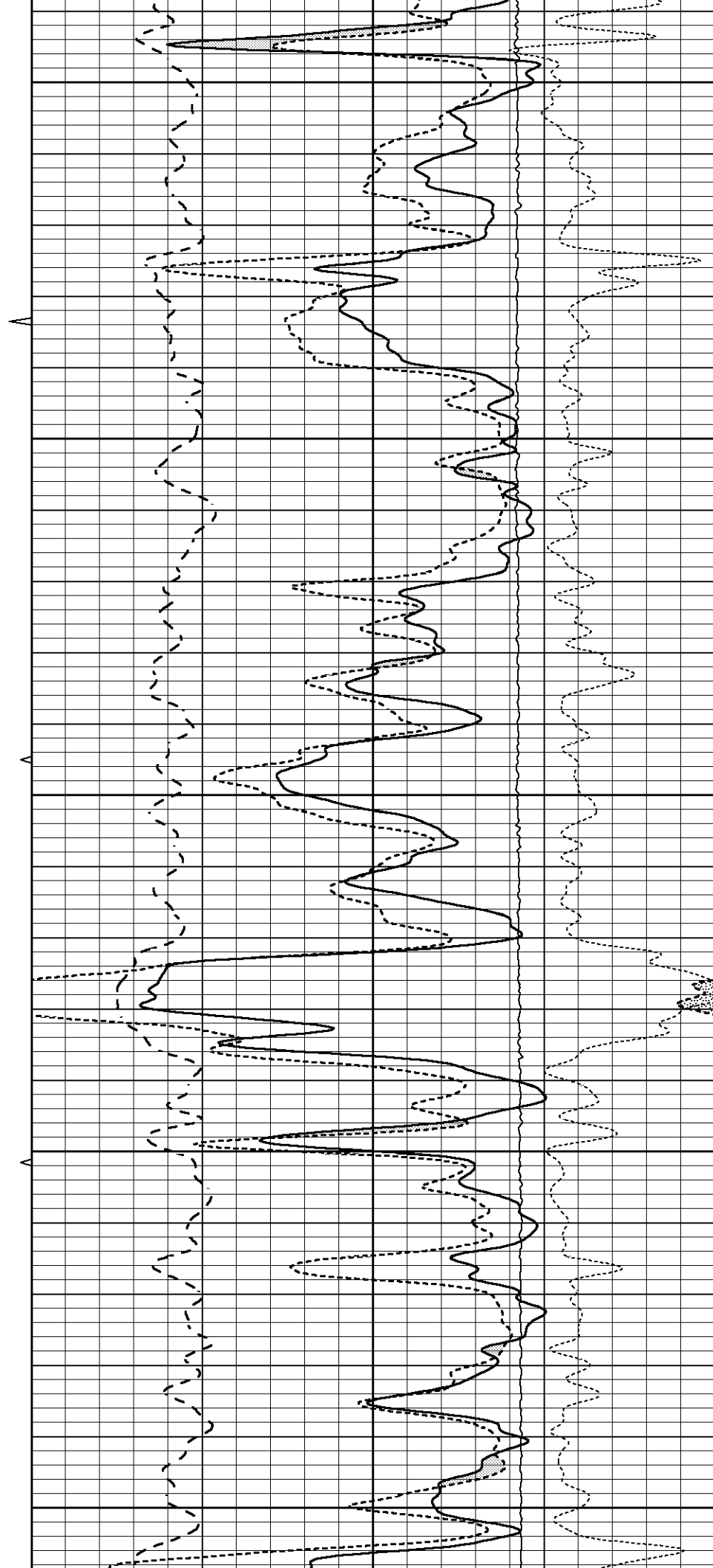
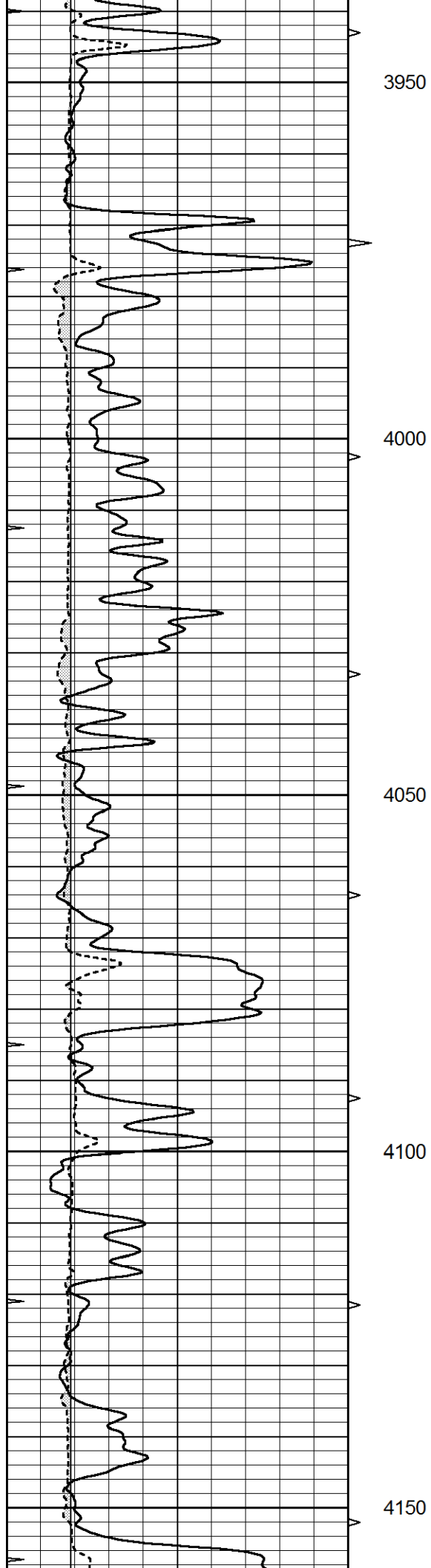
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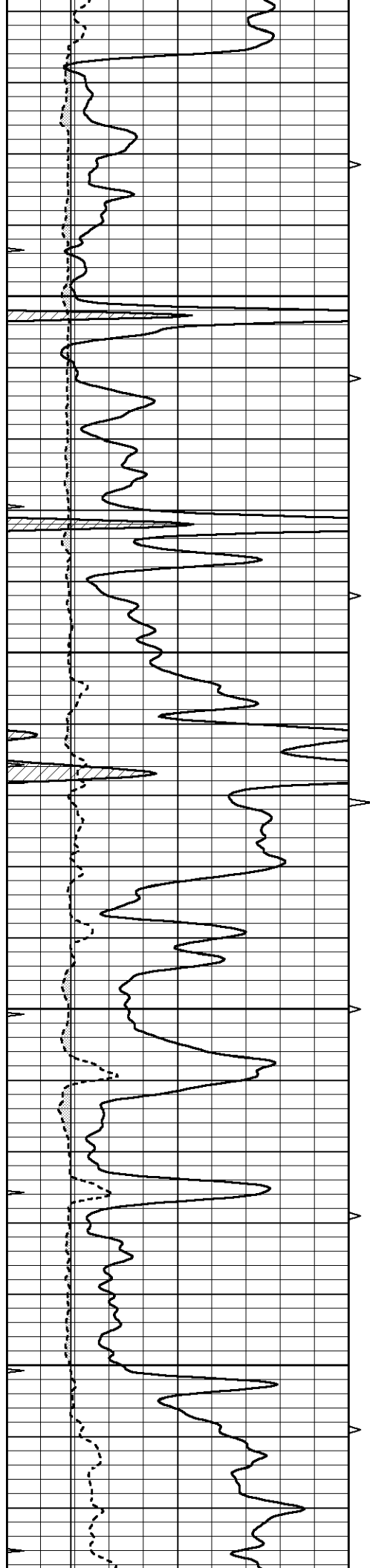
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3850

3900





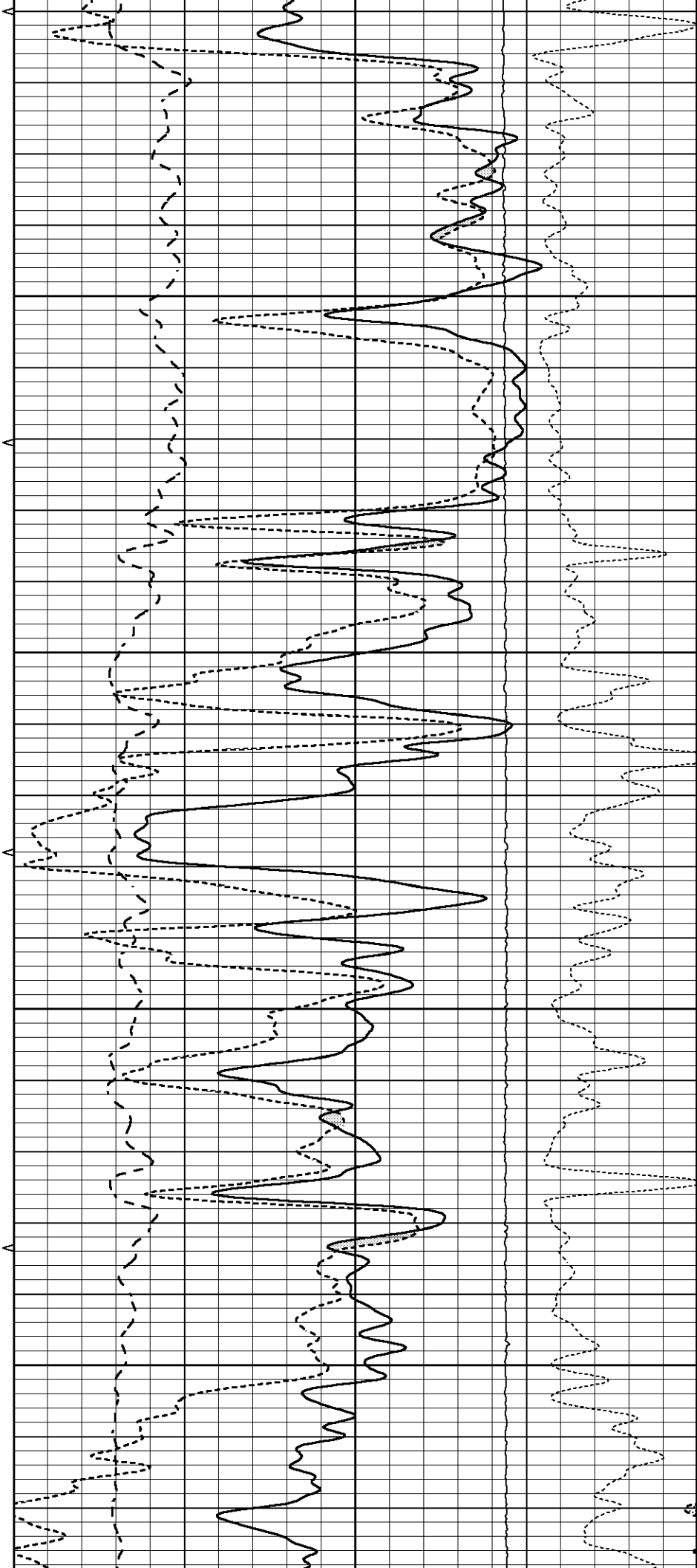


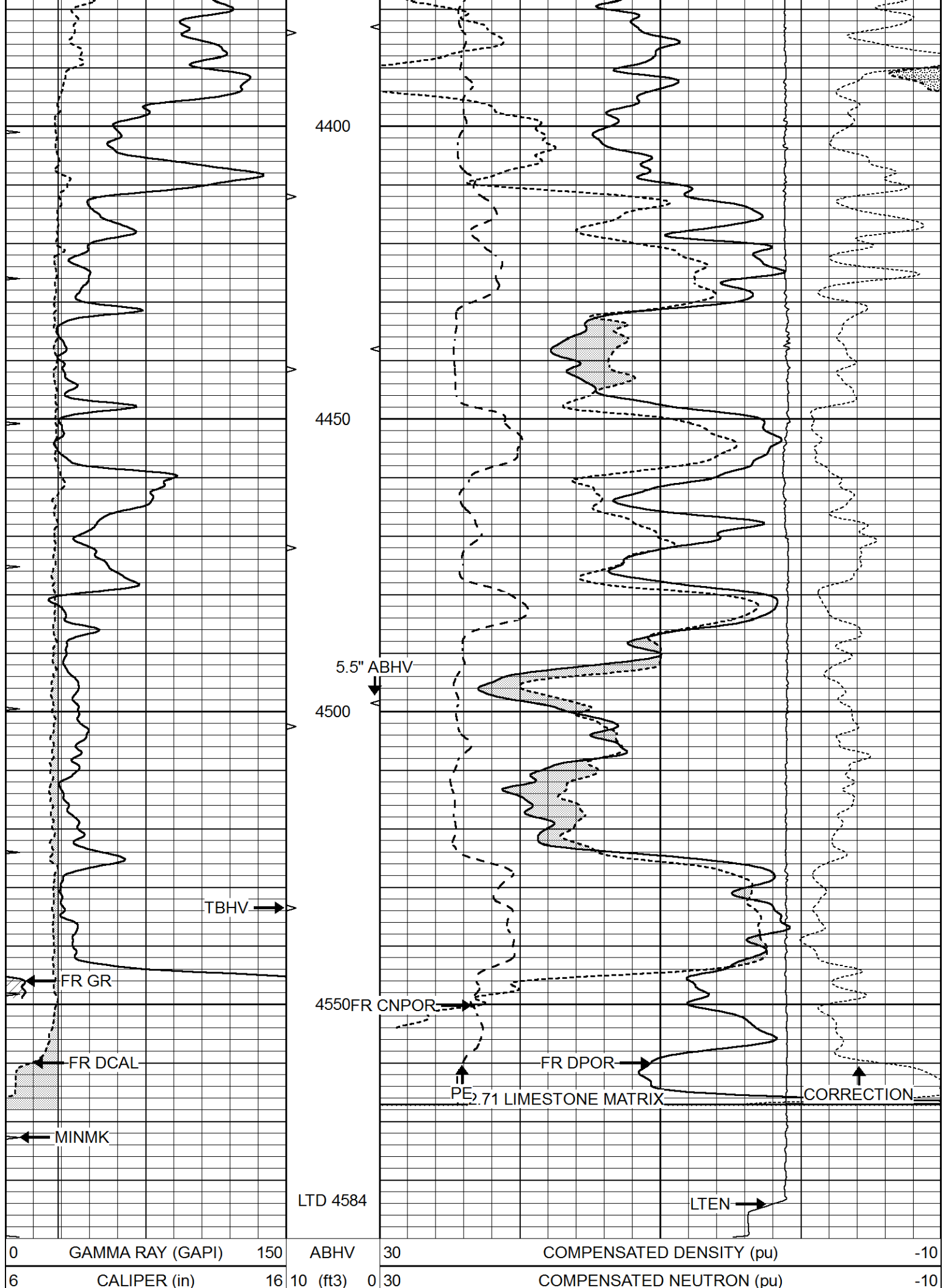
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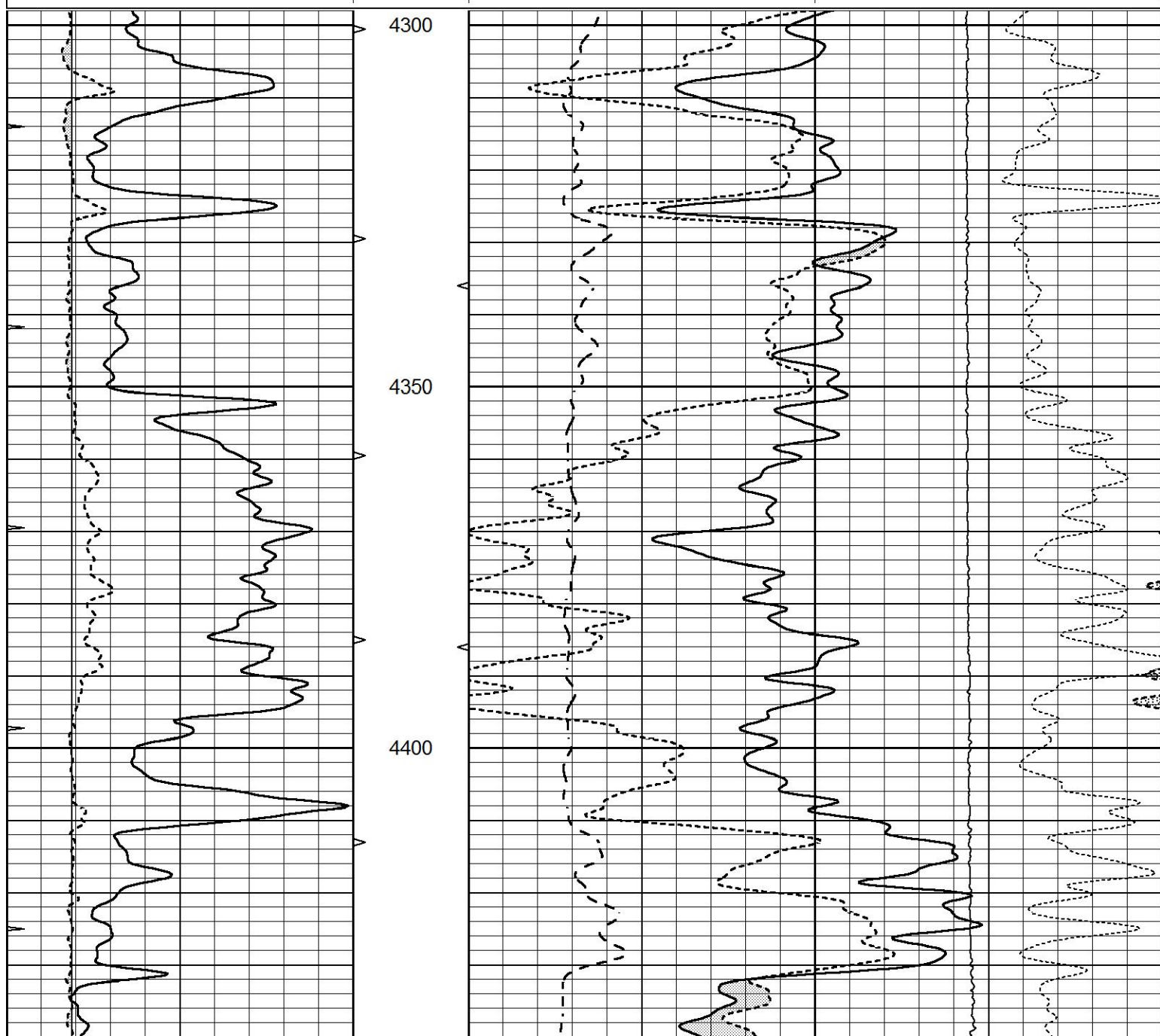
0	MINMK	20	TBHV	0	PE	10	-0.25	CORRECTION (g/cc)	0.25
			0 (ft3)	10			0	LTEN (lb)	5000

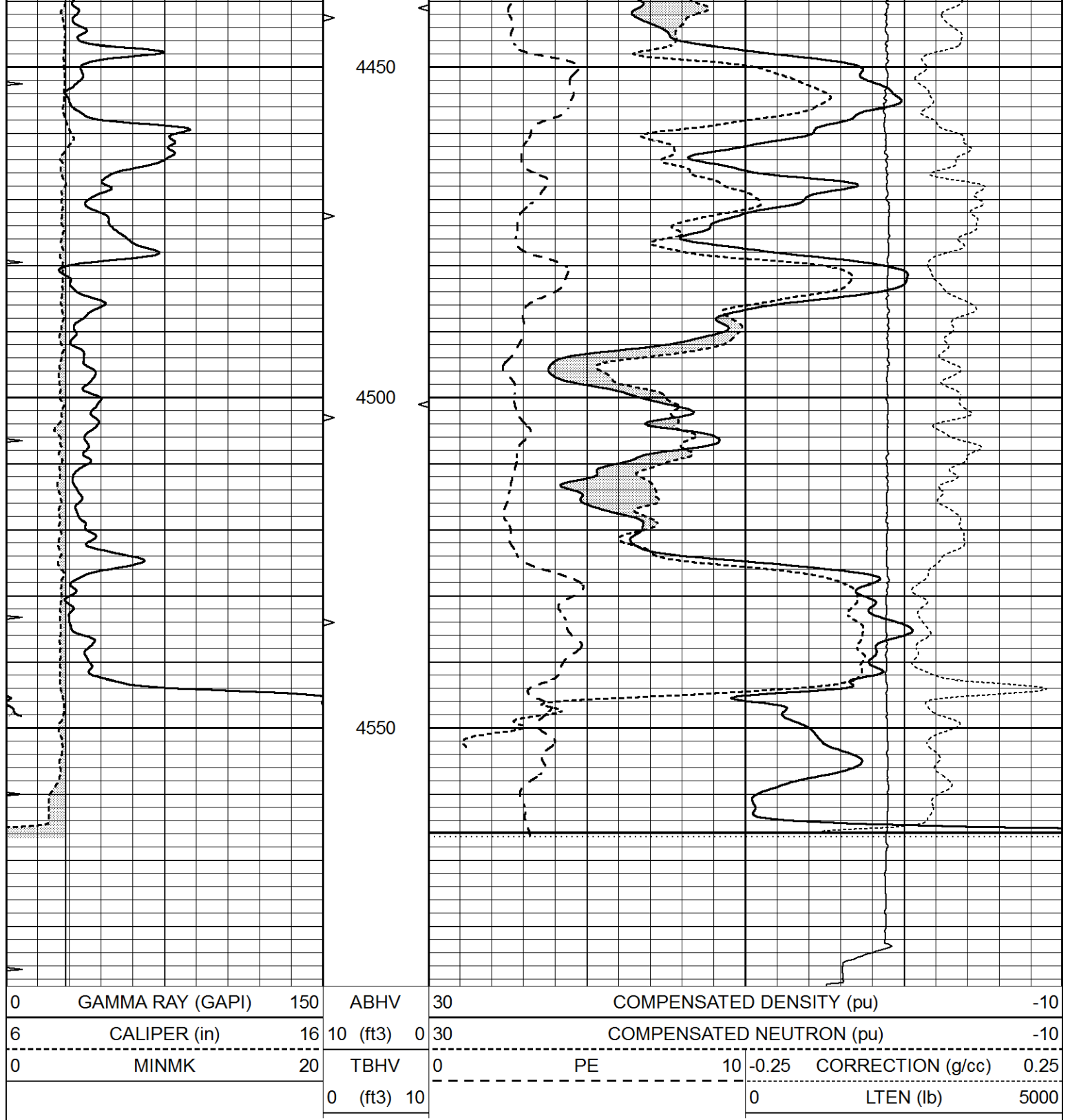


REPEAT SECTION

Database File 7085pe.db
 Dataset Pathname pass2.2R
 Presentation Format ldt_neu
 Dataset Creation Sat Oct 01 05:42:04 2022
 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			0	LTEN (lb)	5000	





Calibration Report	
Database File	7085pe.db
Dataset Pathname	pass3.1M
Dataset Creation	Sat Oct 01 05:38:39 2022
Dual Induction Calibration Report	
Serial-Model:	PROBE8-DILG
Surface Cal Performed:	Wed Sep 28 10:25:17 2022
Downhole Cal Performed:	Mon Jul 28 11:08:27 2008
After Survey Verification Performed:	Mon Jul 28 11:08:27 2008

Surface Calibration	Readings	Reference	Results
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Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.015	0.648	V	0.000	400.000	mmho/m	640.000	12.000
Medium	0.029	0.796	V	0.000	464.000	mmho/m	600.000	0.000
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: 004				Model: PRB				

Master Calibration				Performed Tue Aug 02 11:29:35 2022				
	Background	Magnesium		Aluminum	Aluminum+Fe			
Window 1	1154.2	10019.5		3137.9	2795.6			cps
Window 2	1054.4	8597.6		2733.4	2469.5			cps
Window 3	902.3	5241.4		1832.1	1719.3			cps
Window 4	251.9	261.1		255.8	252.9			cps
Long Space	0.0	7543.2		1679.0	1415.0			cps
Short Space	4.4	2049.3		1321.7	1116.8			cps
Rho		1.7100		2.5900	0.0000			g/cc
Pe		2.0000		2.7500	5.7900			
Rib Angle	: 43.7	Rib Slope	: 0.957	Density/Spine Ratio			: 0.562	
Spine Angle	: 73.7	Spine Slope	: 3.426	Spine Intercept			: -17.2	

Before Survey Verification				Performed Wed Dec 31 18:00:00 1969				
Window 1	0.0	0.0		0.0	0.0			cps
Window 2	0.0	0.0		0.0	0.0			cps
Window 3	0.0	0.0		0.0	0.0			cps
Window 4	0.0	0.0		0.0	0.0			cps
Long Space	0.0	0.0		0.0	0.0			cps
Short Space	0.0	0.0		0.0	0.0			cps
Measured Rho		0.0000		0.0000	0.0000			g/cc
Measured Correction		0.0000		0.0000	0.0000			g/cc
Measured Pe				0.0000	0.0000			

Window 1	0.0	0.0	0.0	0.0	cps
Window 2	0.0	0.0	0.0	0.0	cps
Window 3	0.0	0.0	0.0	0.0	cps
Window 4	0.0	0.0	0.0	0.0	cps
Long Space	0.0	0.0	0.0	0.0	cps
Short Space	0.0	0.0	0.0	0.0	cps
Measured Rho		0.0000	0.0000	0.0000	g/cc
Measured Correction		0.0000	0.0000	0.0000	g/cc
Measured Pe			0.0000	0.0000	

Compensated Neutron Calibration Report

Serial Number: 070808PMC
Tool Model: NABORS

PRE-SURVEY VERIFICATION

Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu

POST-SURVEY VERIFICATION

Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu

Gamma Ray Calibration Report

Serial Number: 070558
Tool Model: OPEN_GR
Performed: Wed Sep 28 11:42:18 2022

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 1.0 cps

Sensitivity: 0.3000 GAPI/cps