



COMPENSATED DENSITY/NEUTRON PE LOG

Company		McGINNESS ENERGY CO., INC.	
Well		JW PLATT #1-8	
Field		HARDTNER	
County		BARBER	
State		KANSAS	
Location:		API #: 15-007-24420-0000	
Permanent Datum		1050' FNL & 700' FEL	
Log Measured From		SEC 8 TWP 35S RGE 12W	
Drilling Measured From		GROUND LEVEL Elevation 1445 KELLY BUSHING 13' A.G.L. KELLY BUSHING	
Other Services DIL/MEL SON		Elevation K.B. 1458 D.F. 1456 G.L. 1445	
Date	5/13/22		
Run Number	ONE		
Depth Driller	5450		
Depth Logger	5452		
Bottom Logged Interval	5450		
Top Log Interval	3600		
Casing Driller	397		
Casing Logger	397		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 8500 PPM	
Density / Viscosity	9.0/50		
pH / Fluid Loss	9.5/9.6		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.800@78F		
Rmf @ Meas. Temp	.600@78F		
Rmc @ Meas. Temp	.960@78F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.483@129F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	10 P.M.		
Maximum Recorded Temperature	129F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS	COLE ROBBEN	
Witnessed By	LEAH KASTEN		

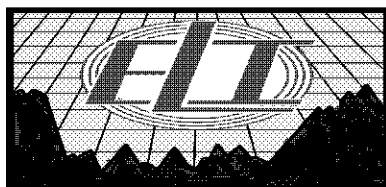
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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 ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS

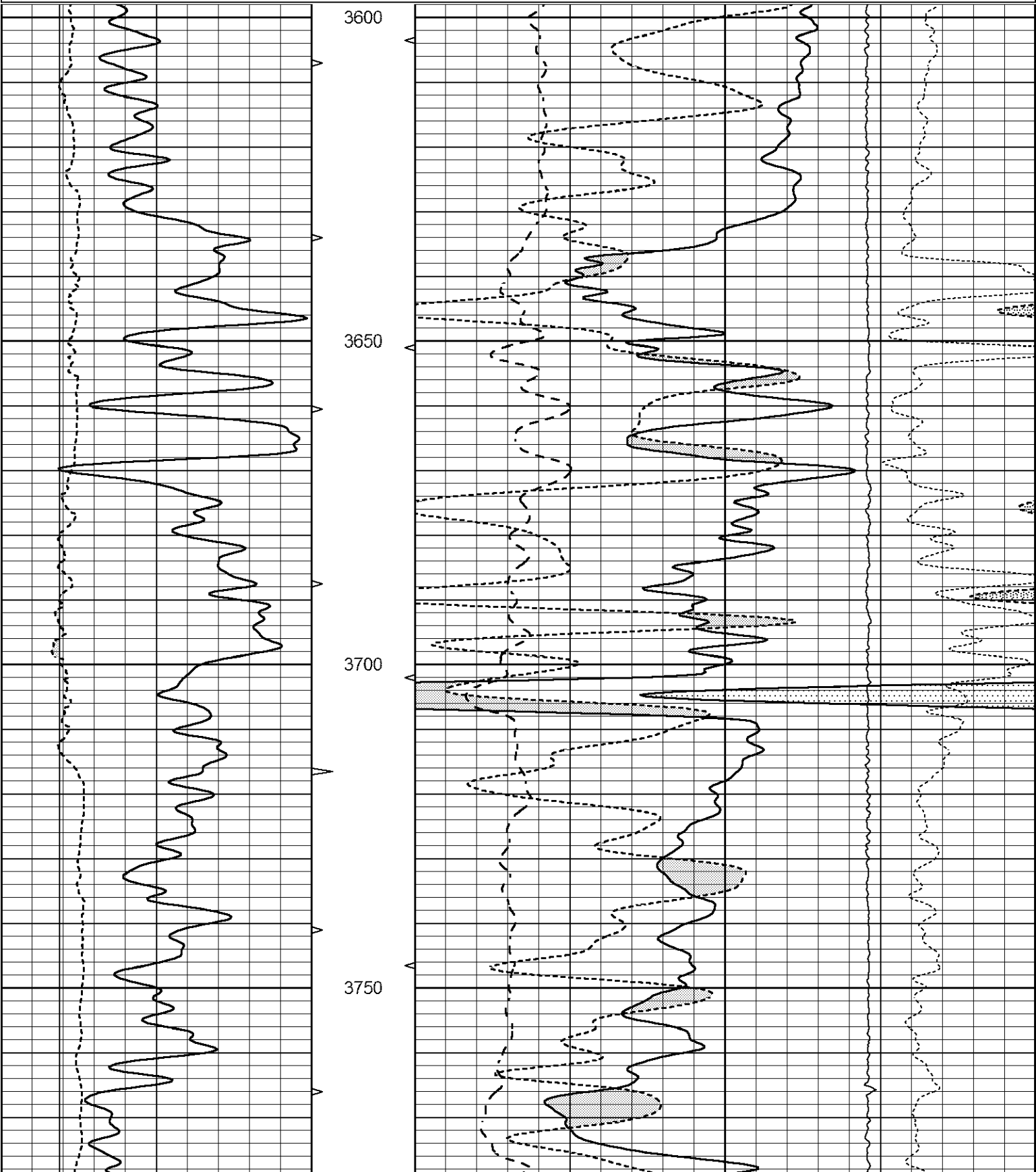
HARDTNER, KS. 1/4 MILE EAST, NORTH INTO

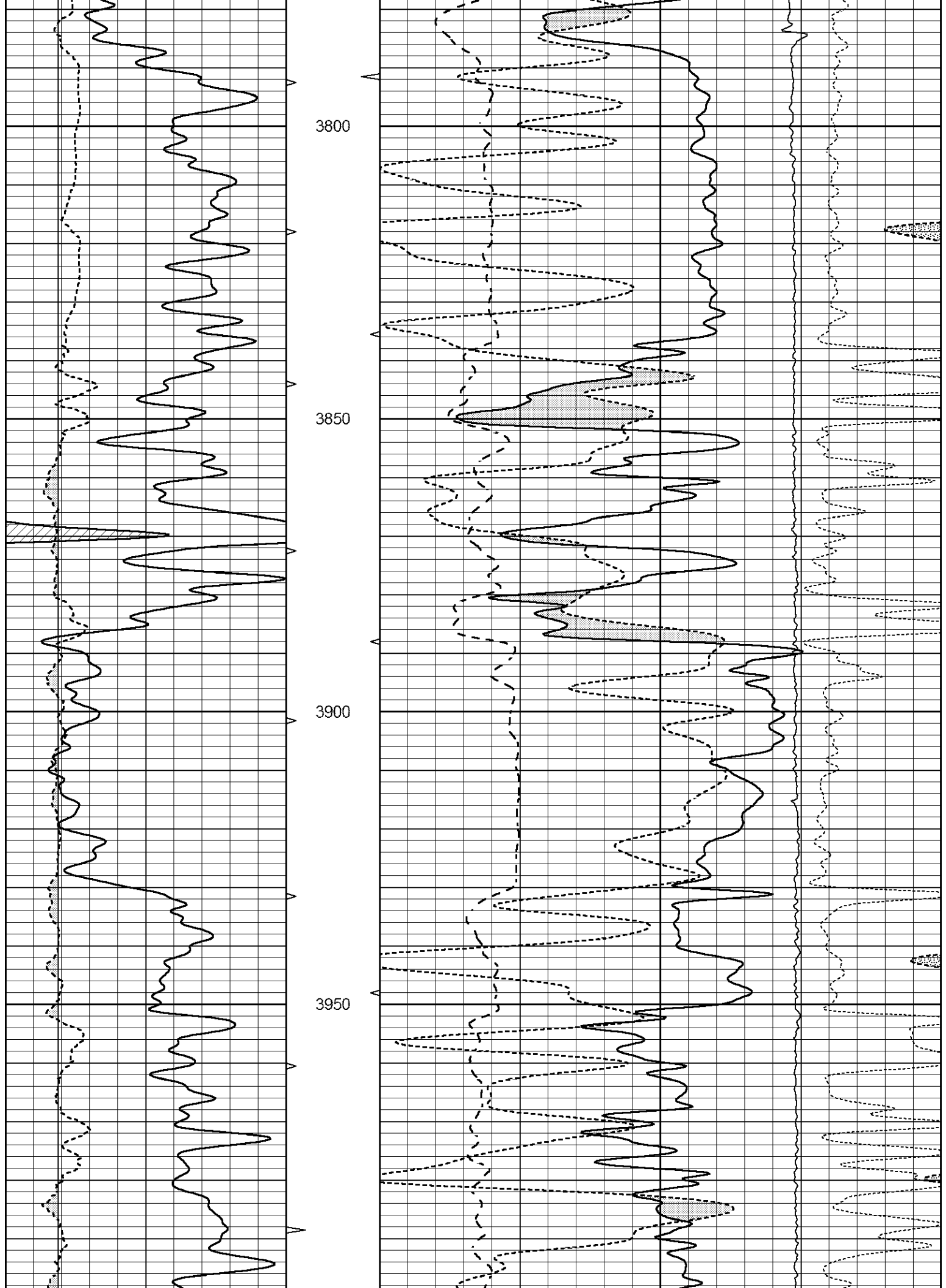


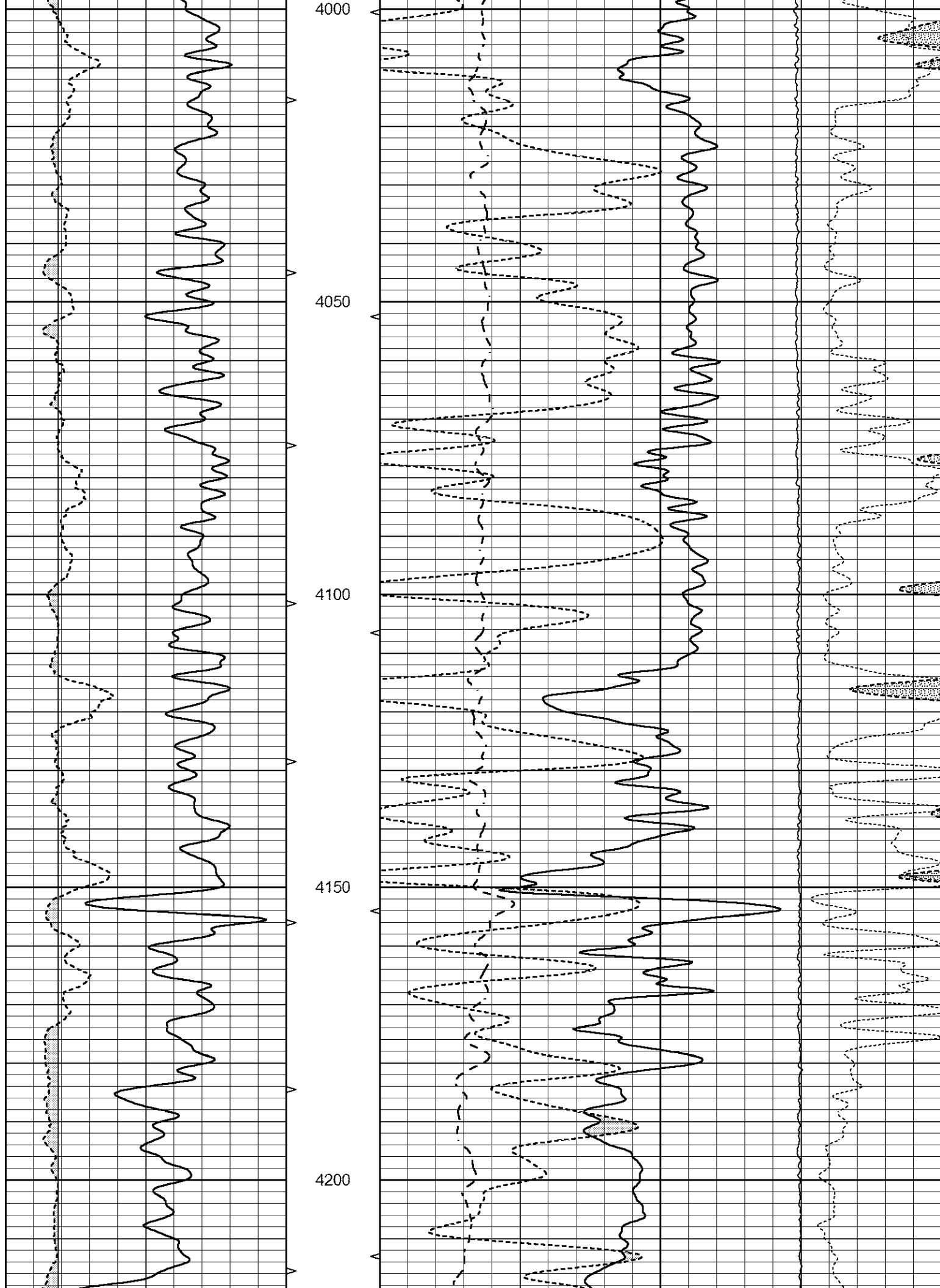
MAIN SECTION

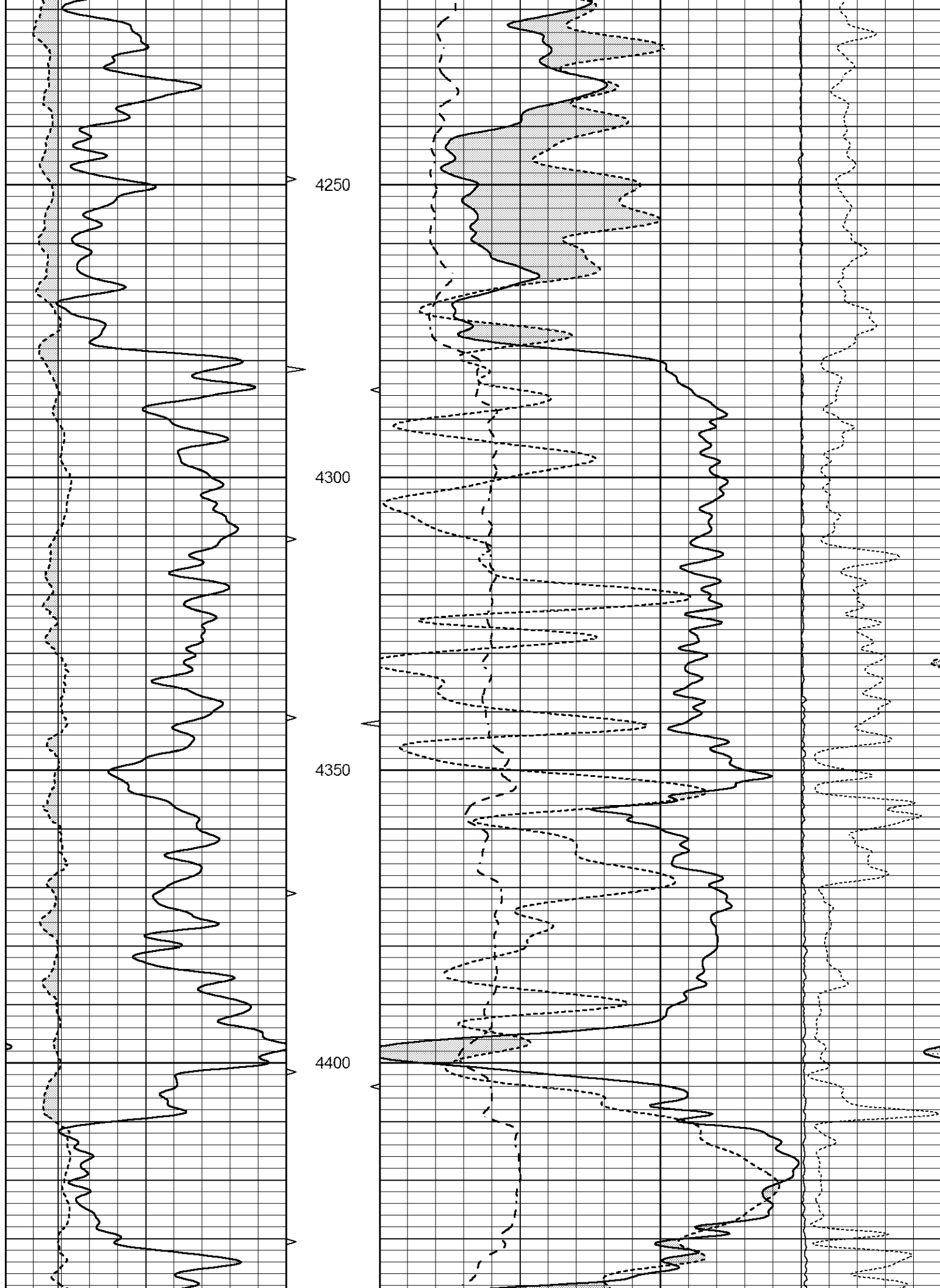
Database File	6397pe.db
Dataset Pathname	pass5.4M
Presentation Format	ldt_neu
Dataset Creation	Sat May 14 01:05:48 2022
Charted by	Depth in Feet scaled 1:240

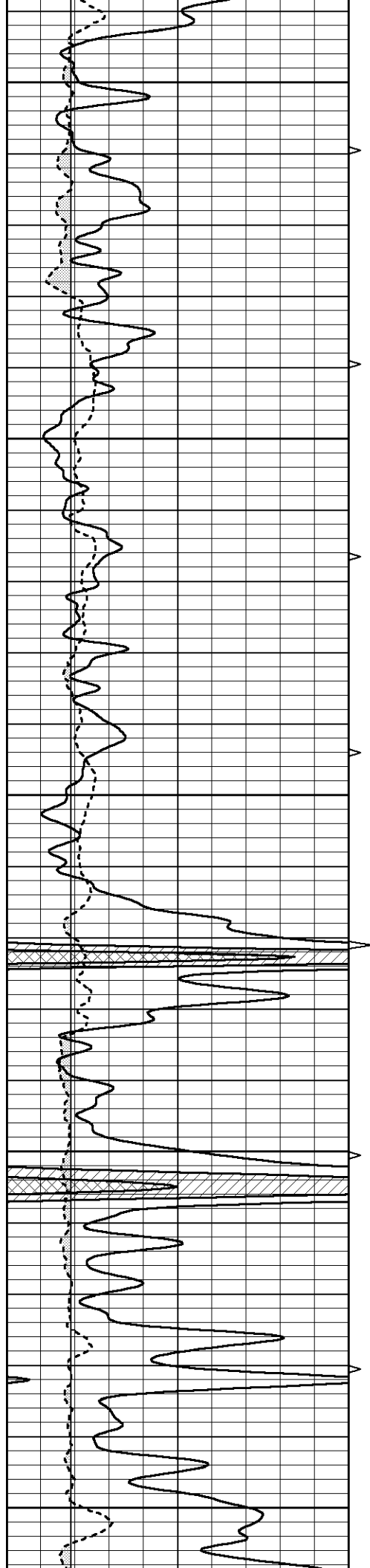
0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3)	0	COMPENSATED NEUTRON (pu)	-10
			TBHV	0	PE	10 -0.25
			0 (ft3)	10	CORRECTION (g/cc)	
						0.25











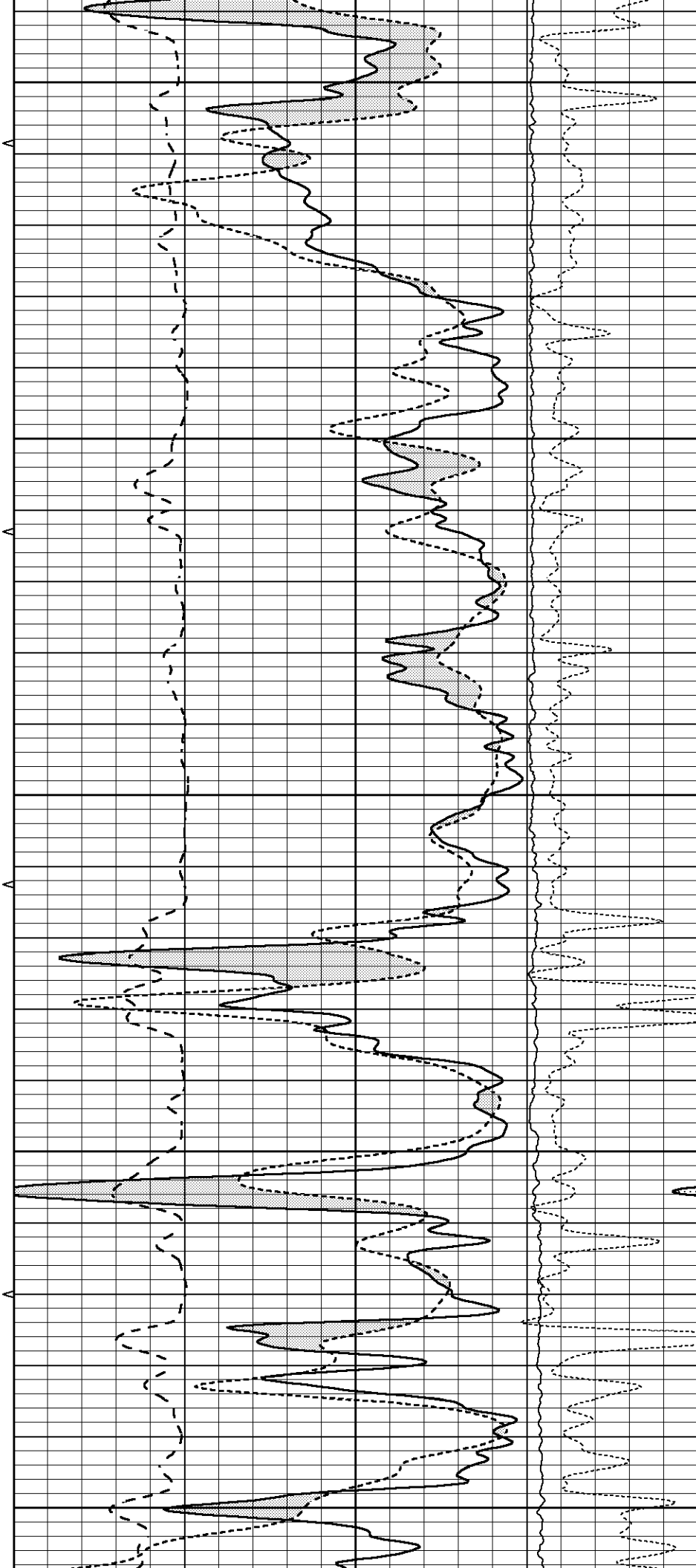
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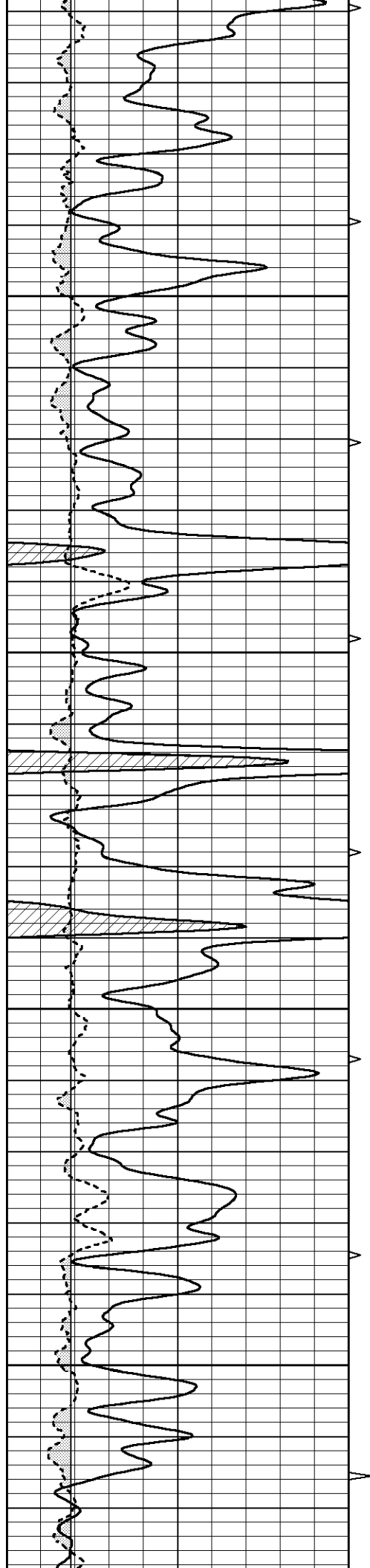
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4550

4600

4650



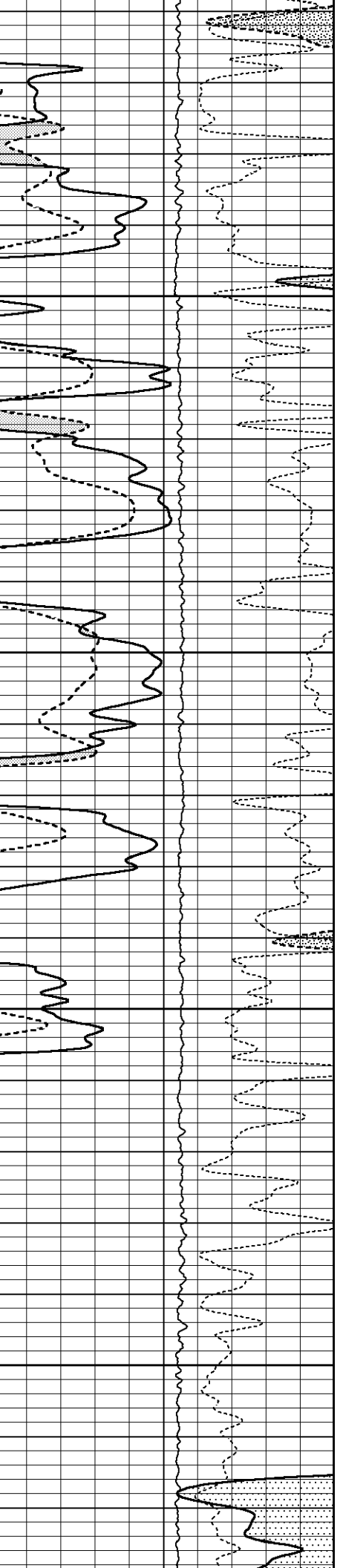
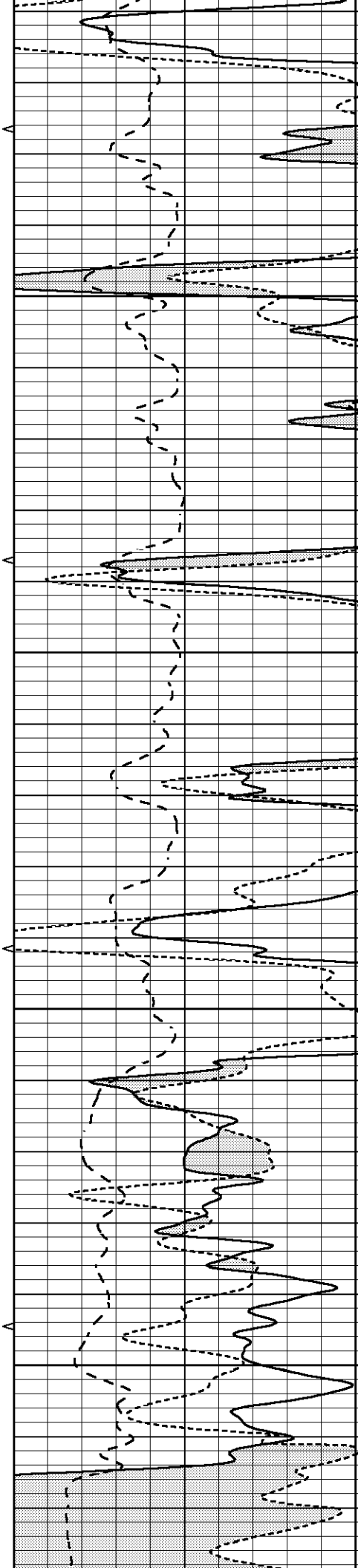


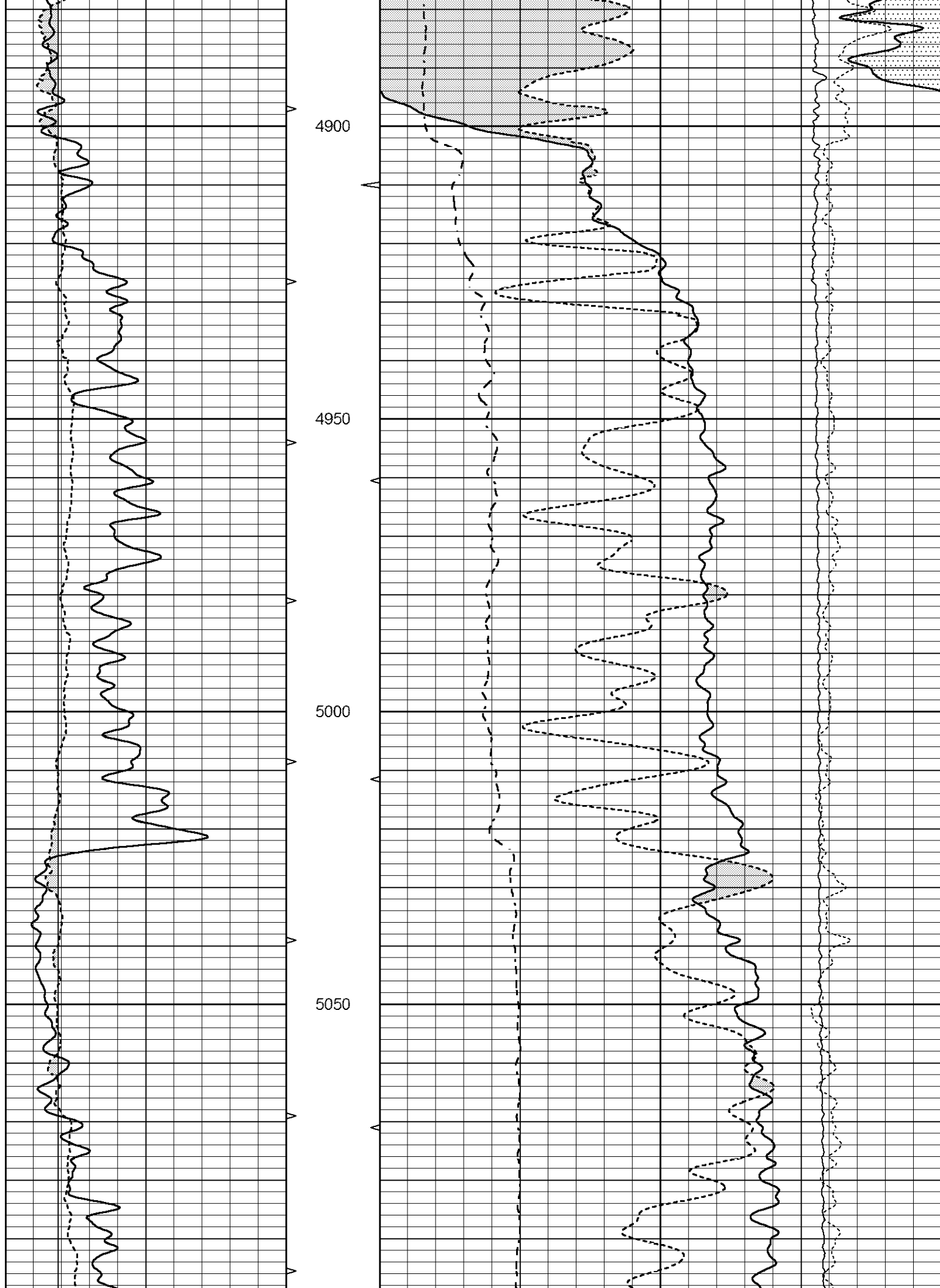
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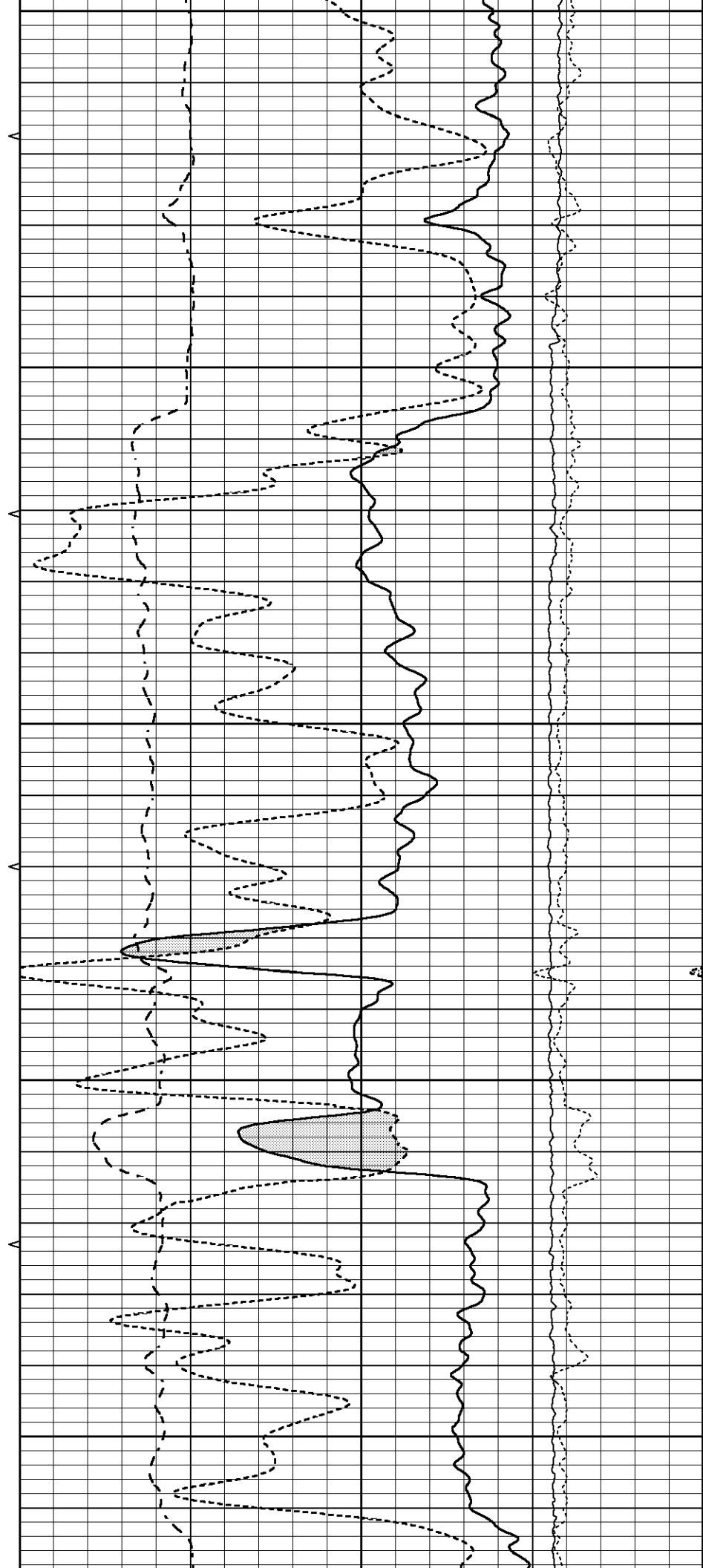
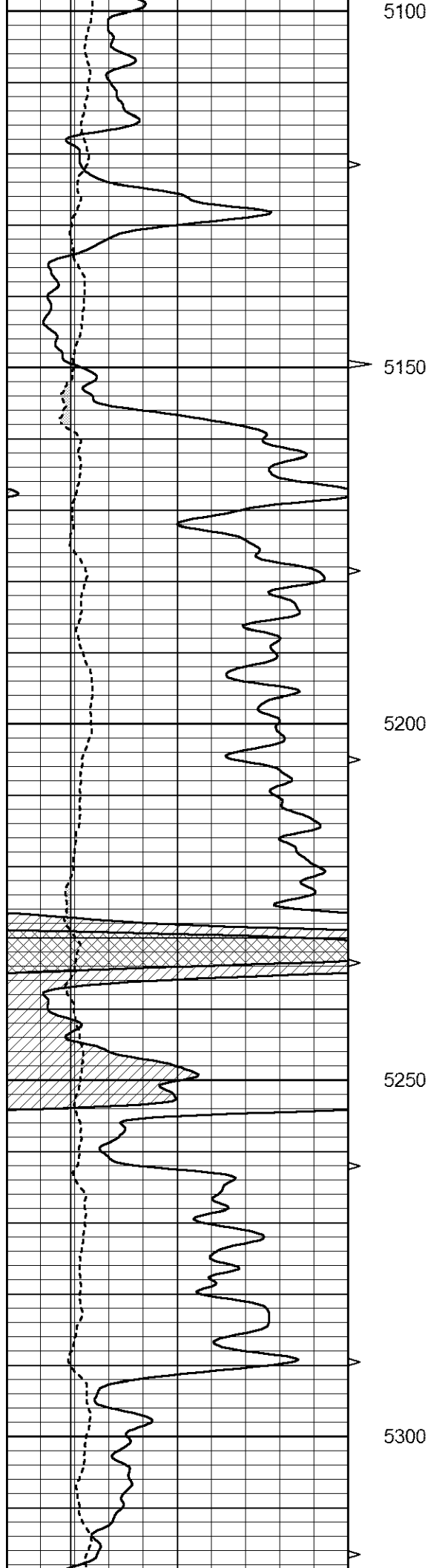
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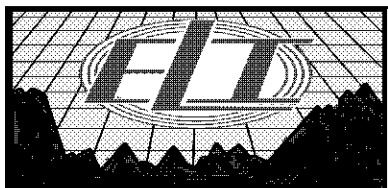
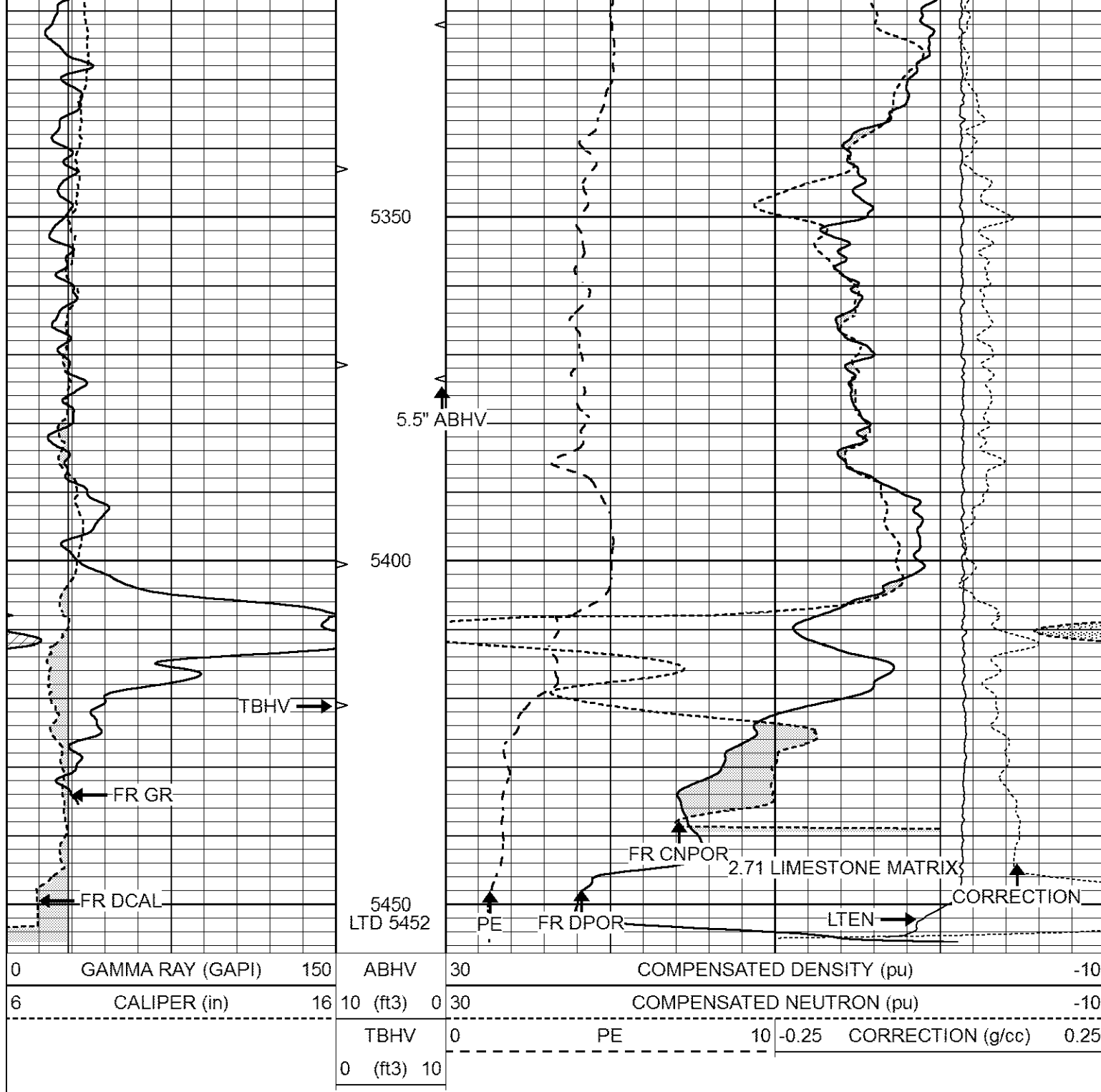
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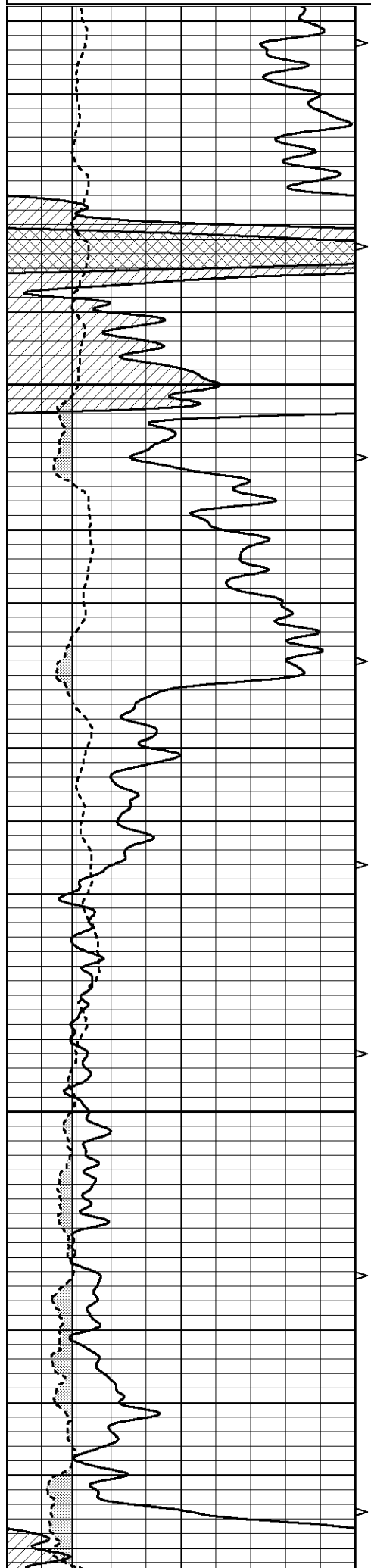


REPEAT SECTION

Database File 6397pe.db
 Dataset Pathname pass4.1R
 Presentation Format ldt_neu
 Dataset Creation Fri May 13 23:55:07 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	
			TBHV	0	PE	10	-0.25	CORRECTION (g/cc)	0.25
				0					

0 (ft3) 10



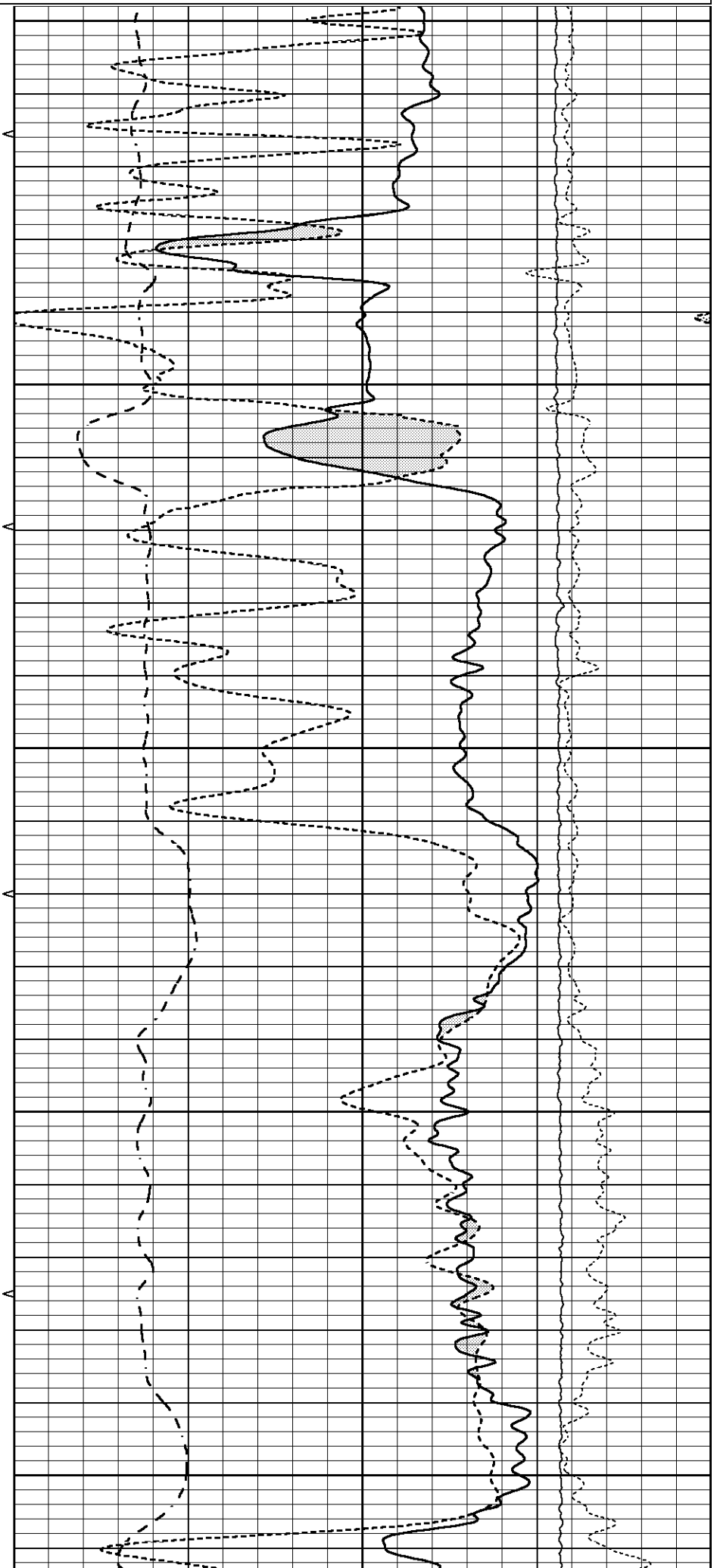
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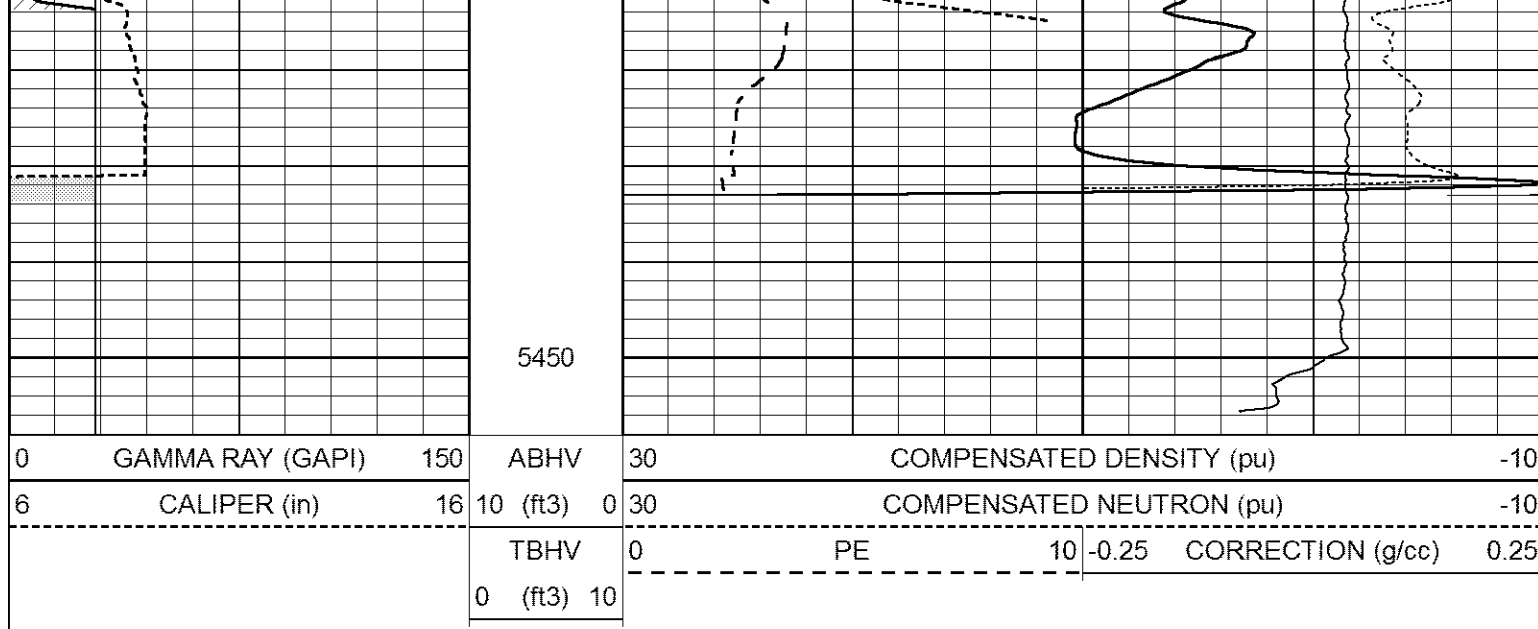
5250

5300

5350

5400





Calibration Report

Database File 6397pe.db
Dataset Pathname pass5.4M
Dataset Creation Sat May 14 01:05:48 2022

Dual Induction Calibration Report

Serial-Model: FW1410-55-Probe
Surface Cal Performed: Sat Jan 29 11:57:42 2022
Downhole Cal Performed: Tue Feb 19 11:44:24 2019
After Survey Verification Performed: Tue Feb 19 11:44:27 2019

Surface Calibration

Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.011	0.656	V	1.000	400.000	mmho/m	618.595	-5.524
Medium	-0.000	0.731	V	1.000	464.000	mmho/m	632.856	1.197
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.007	0.649	V	0.000	400.000	mmho/m	623.784	-4.595
Medium	0.004	0.743	V	0.000	464.000	mmho/m	627.284	-2.251

Downhole Calibration

Readings				References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	-0.824	395.917	mmho/m	-0.976	397.550	mmho/m	1.004	-0.149
Medium	3.565	471.327	mmho/m	3.468	471.590	mmho/m	1.001	-0.099
LL3		7.503	V		1500.000	Ohm-m		
		0.001	V		20.000	Ohm-m		
		-7.481	V		3745.000	mmho-m		

After Survey Verification

Readings				Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	-0.824	395.917	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	3.565	471.327	mmho/m	1.000	0.000
LL3		0.000	Ohm-m		1500.000	Ohm-m		
		0.000	Ohm-m		20.000	Ohm-m		
		0.000	mmho-m		3745.000	mmho-m		

Master Calibration		Performed Fri May 13 13:54:36 2022			
	Background	Magnesium	Aluminum	Aluminum+Fe	
Window 1	1363.1	46477.8	11515.9	9589.9	cps
Window 2	1239.4	36488.4	9270.1	7998.9	cps
Window 3	1044.3	20488.1	5500.7	4913.3	cps
Window 4	315.7	358.7	321.5	319.5	cps
Long Space	0.0	35249.0	8030.7	6759.4	cps
Short Space	1.4	9675.7	6523.4	5391.9	cps
Rho		1.7100	2.5900	0.0000	g/cc
Pe		2.0000	2.7500	5.7900	
Rib Angle	: 45.1	Rib Slope	: 1.003	Density/Spine Ratio	: 0.575
Spine Angle	: 75.1	Spine Slope	: 3.752	Spine Intercept	: -24.0

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	

After 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	

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Compensated Neutron Calibration Report

Serial Number:	080621PMC
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		

Short Space	cps		
Long Space	cps	pu	pu
Gamma Ray Calibration Report			
Serial Number:	7		
Tool Model:	Probe1		
Performed:	Fri May 13 22:47:00 2022		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	1.0	cps	
Sensitivity:	0.5000	GAPI/cps	