



COMPENSATED DENSITY / NEUTRON PE LOG

Company PLATEAU OPERATING CORPORATION

Well C DOUBLE #1-16

Field N/A

County HAMILTON State KANSAS

Location: API #: 15-075-20906-0000
1320' FNL & 1320' FEL

SEC 16 TWP 25S RGE 40W

Permanent Datum GROUND LEVEL Elevation 3453

Log Measured From KELLY BUSHING 7' A.G.L.

Drilling Measured From KELLY BUSHING

Other Services
DILMEL
SONIC

Elevation

K.B. 3460
D.F. 3458
G.L. 3453

Date 2/10/22

Run Number ONE

Depth Driller 2663

Depth Logger 2688

Bottom Logged Interval 2664

Top Log Interval 800

Casing Driller 8 5/8" @ 830'

Casing Logger 826

Bit Size 7 7/8"

Type Fluid in Hole CHEMICAL MUD

Density / Viscosity 9.4/36

pH / Fluid Loss 6.0/8.0

Source of Sample FLOWLINE

Rm @ Meas. Temp .160 @ 60F

Rmf @ Meas. Temp .120 @ 60F

Rmc @ Meas. Temp .192 @ 60F

Source of Rmf / Rmc MEASUREMENT

Rm @ BHT .072 @ 104F

Time Circulation Stopped 2 HOURS

Time Logger on Bottom 9:15 P.M.

Maximum Recorded Temperature 104F

Equipment Number 922339

Location HAYS, KANSAS

Recorded By JEFF LUEBBERS

Witnessed By JIM WELCH

CHLORIDES 48,000 PPM

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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.

15-075-20906-0000

Comments

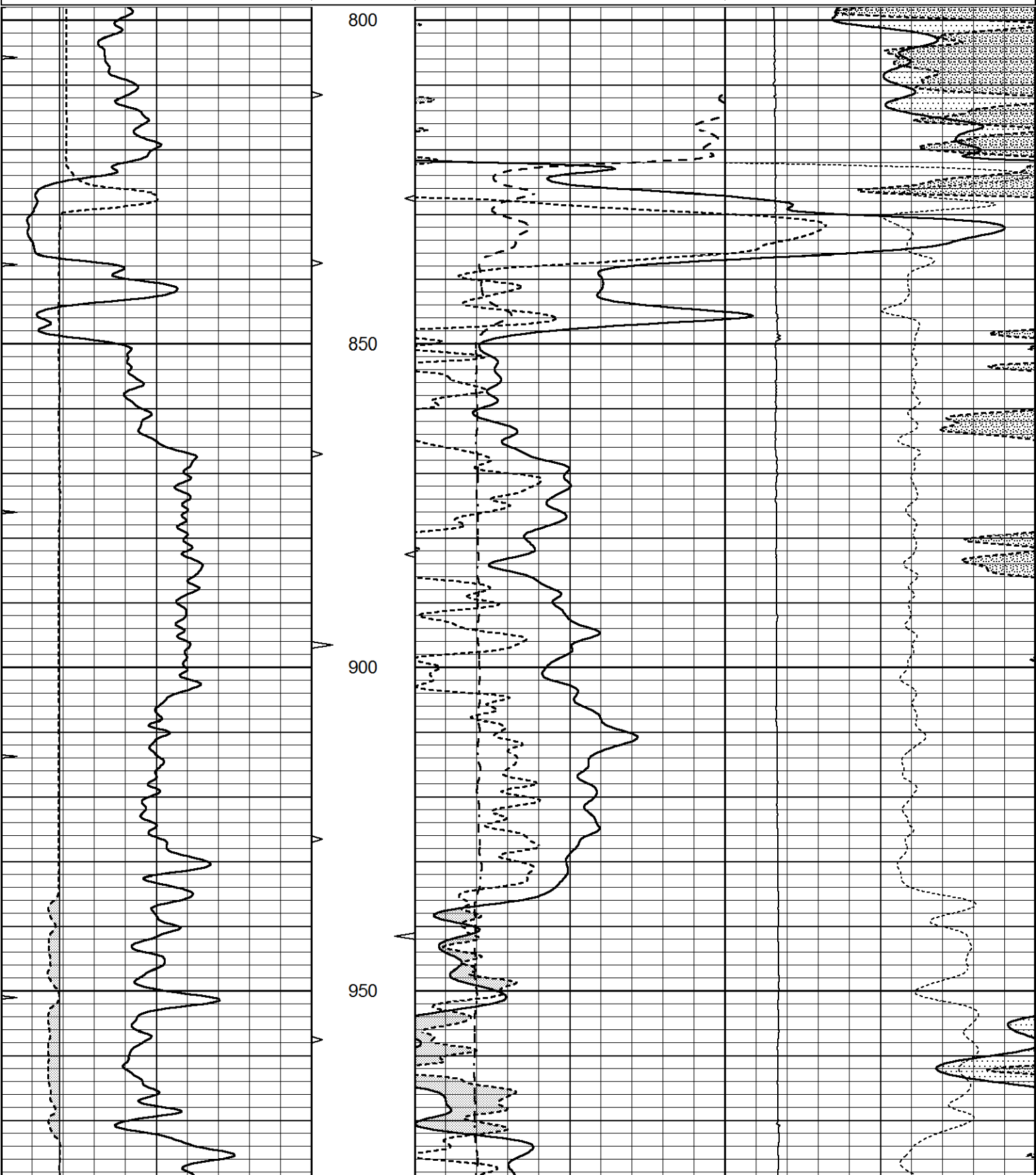
THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395
DIRECTIONS
SYRACUSE, KS., 7S. ON HWY 27 TO "RD. 27", 3E., S. INTO

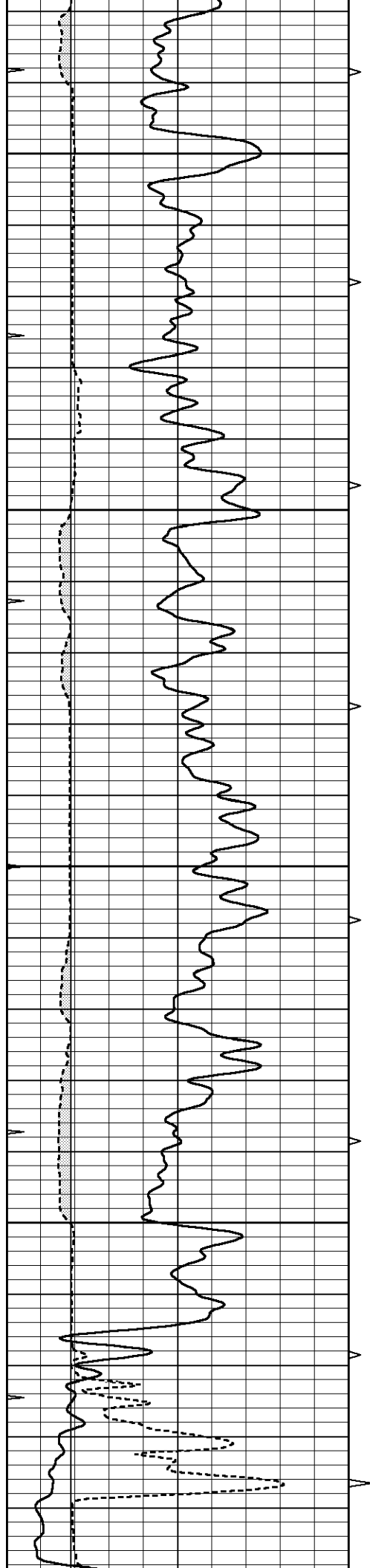


MAIN SECTION

Database File	5946pe.db
Dataset Pathname	pass3.5
Presentation Format	ldt_neu
Dataset Creation	Thu Feb 10 22:56:09 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



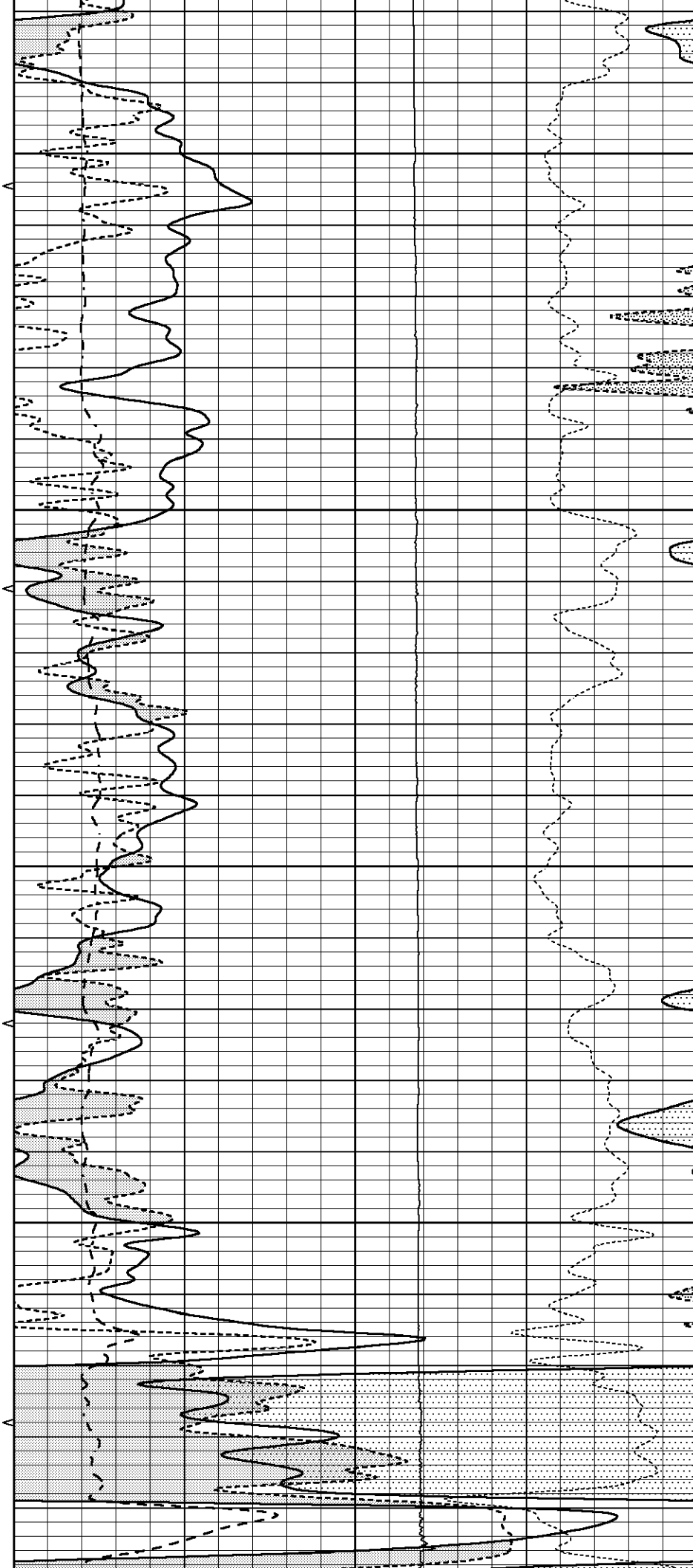


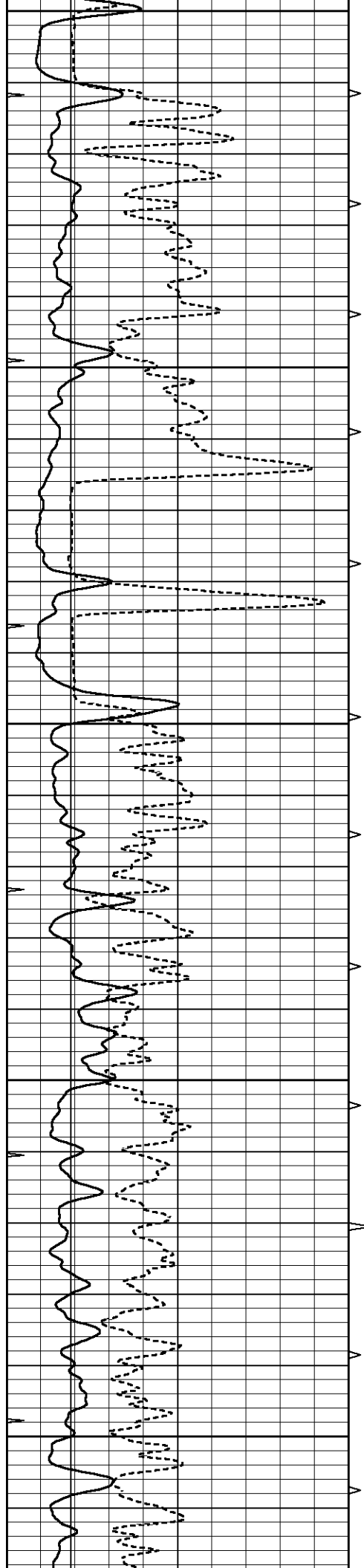
1000

1050

1100

1150





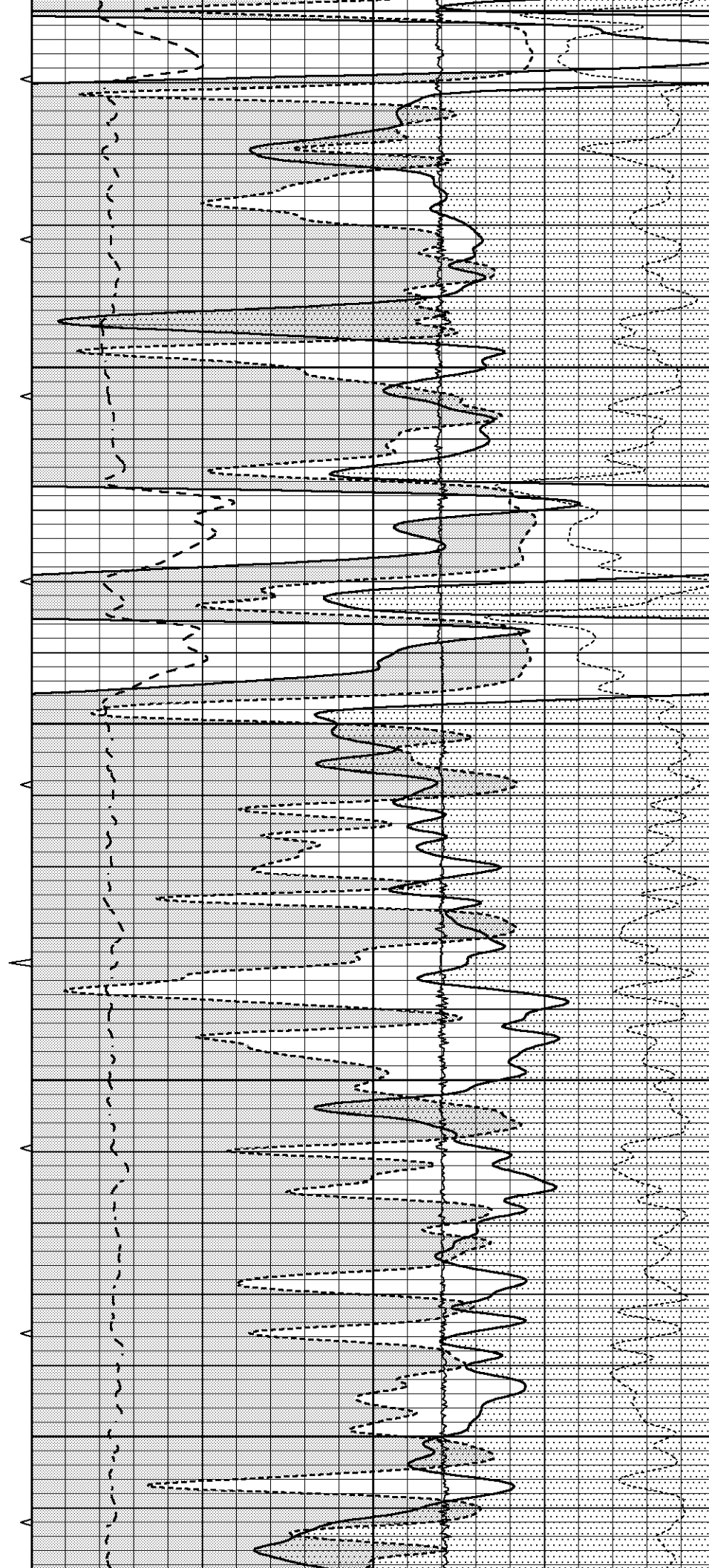
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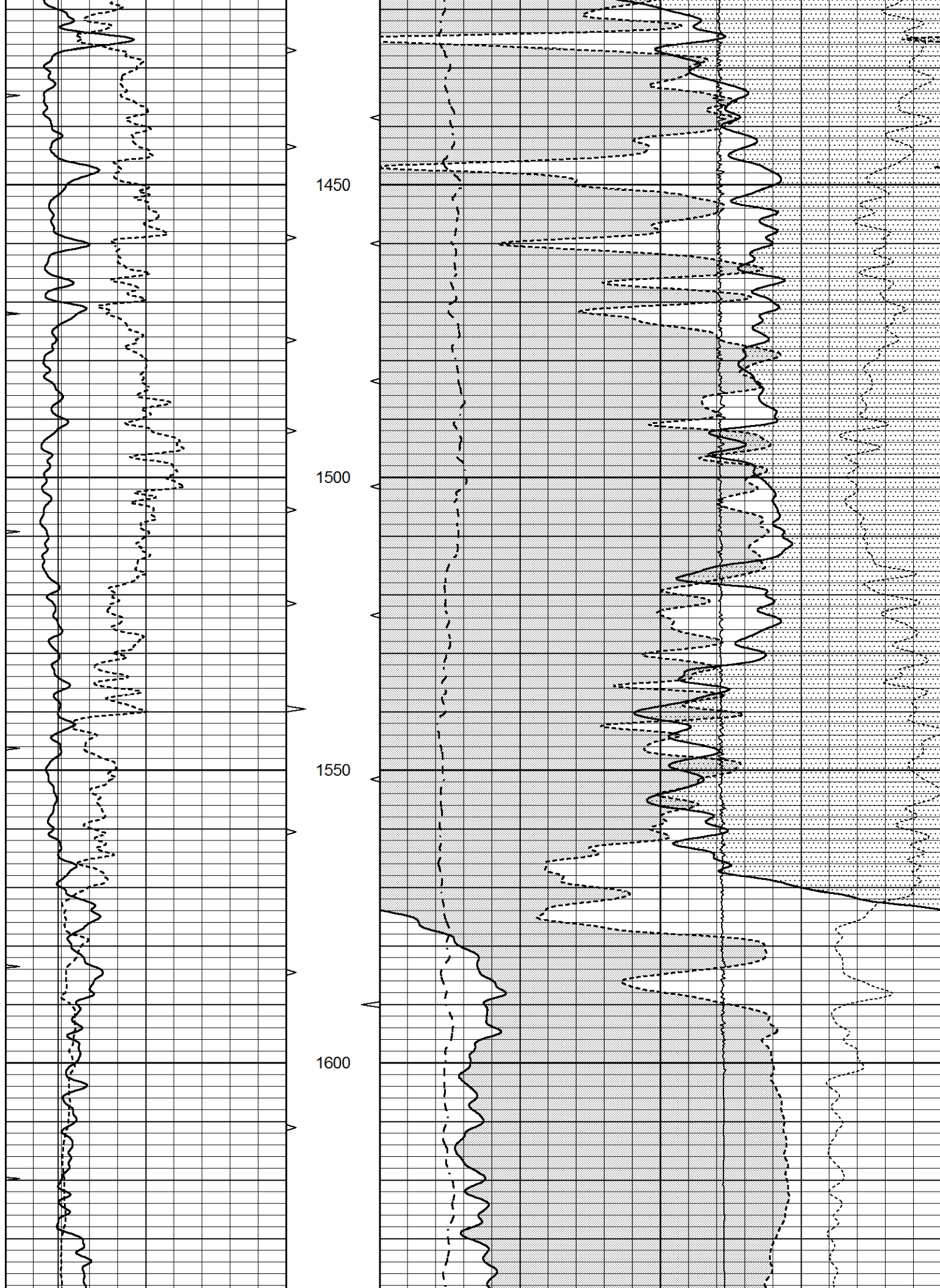
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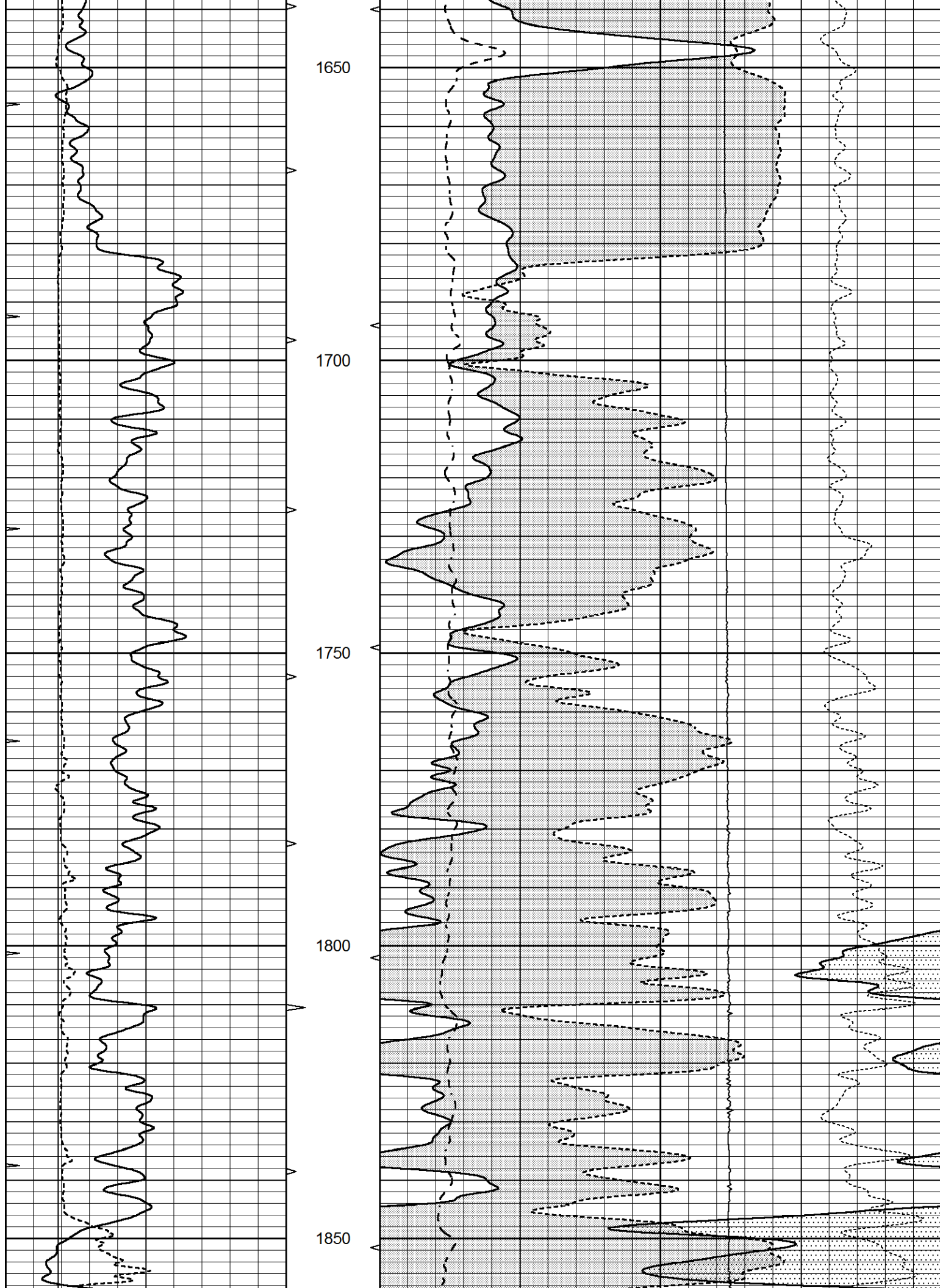
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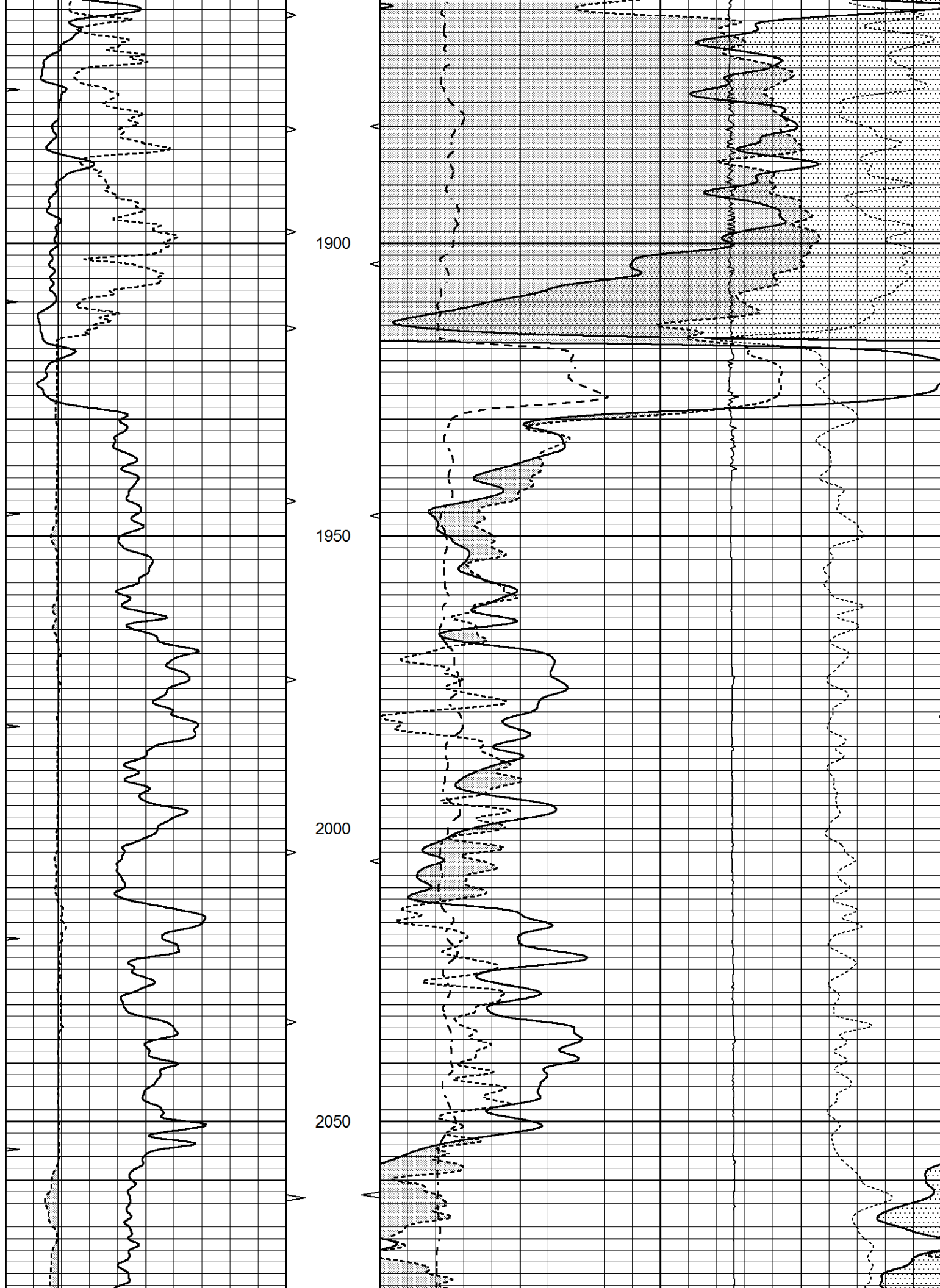
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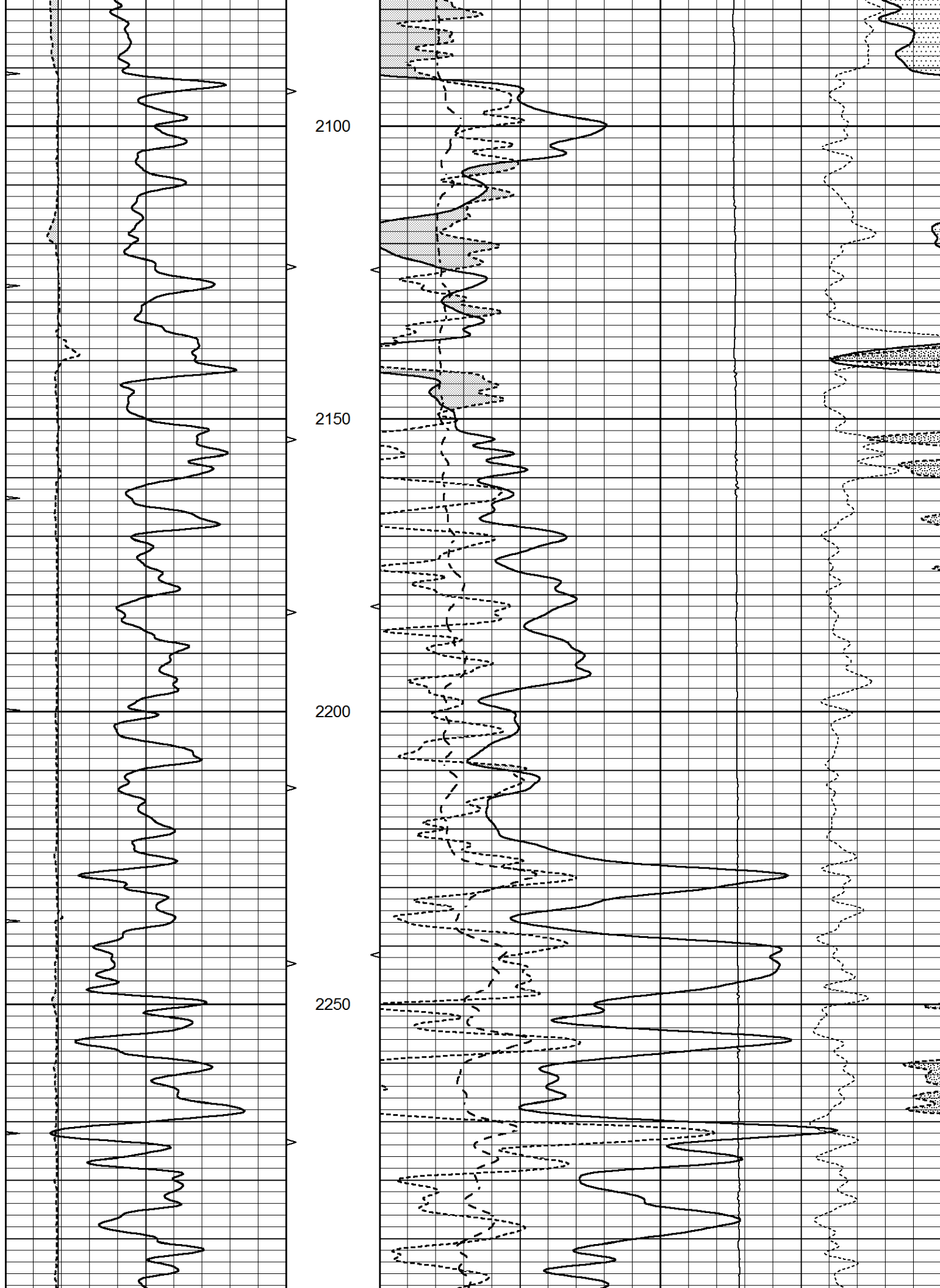
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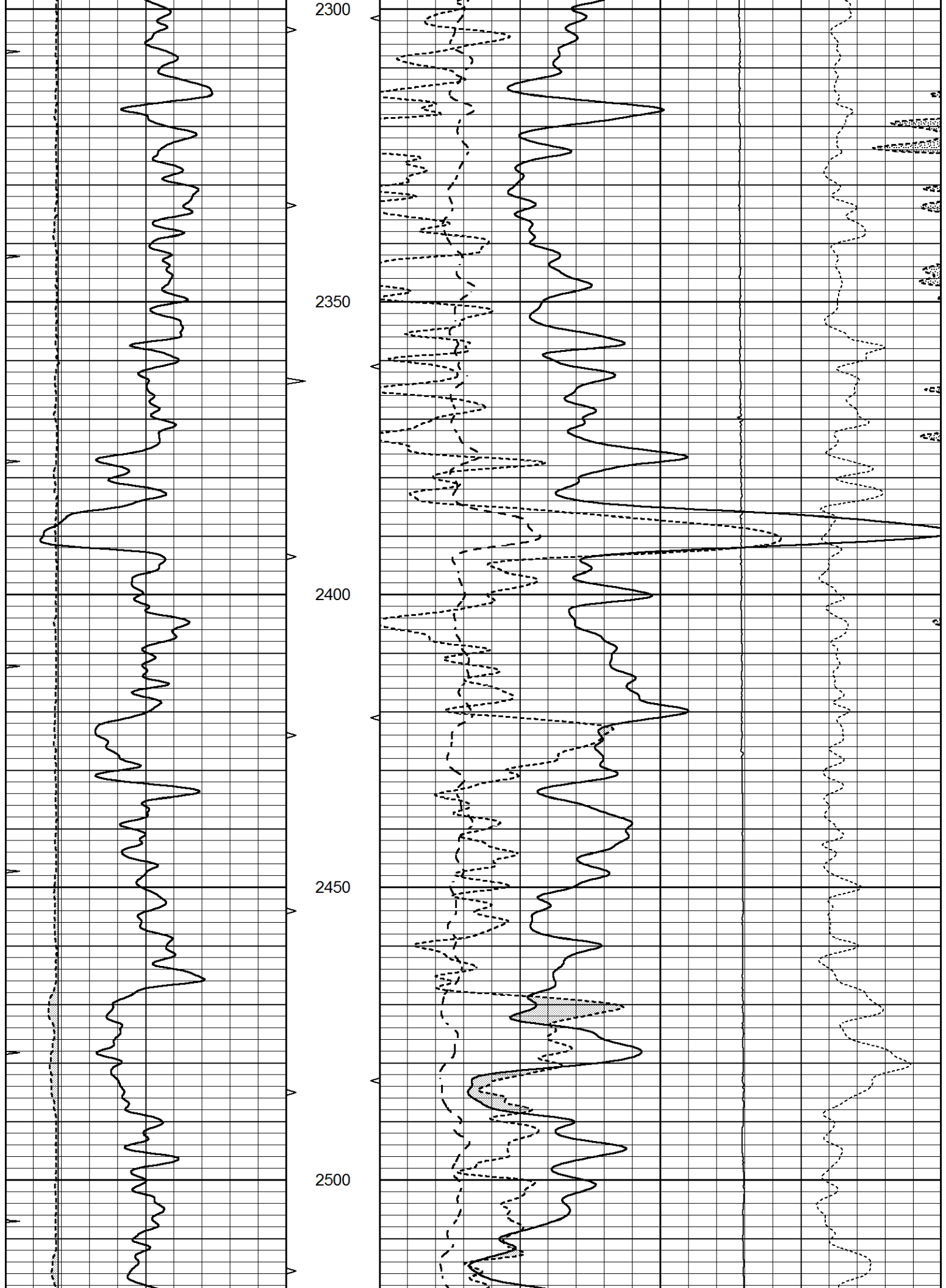


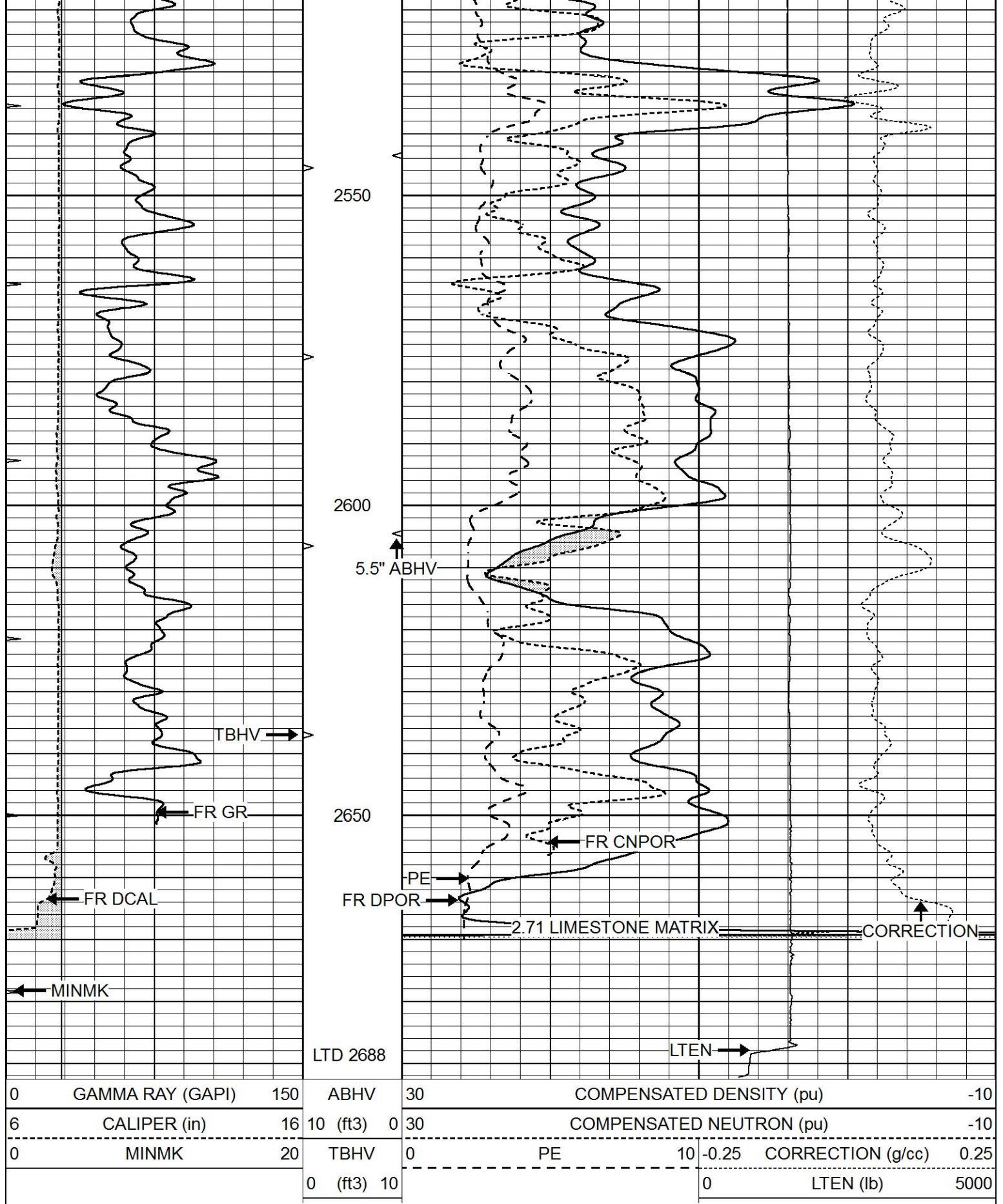












REPEAT SECTION

Database File5946pe.db

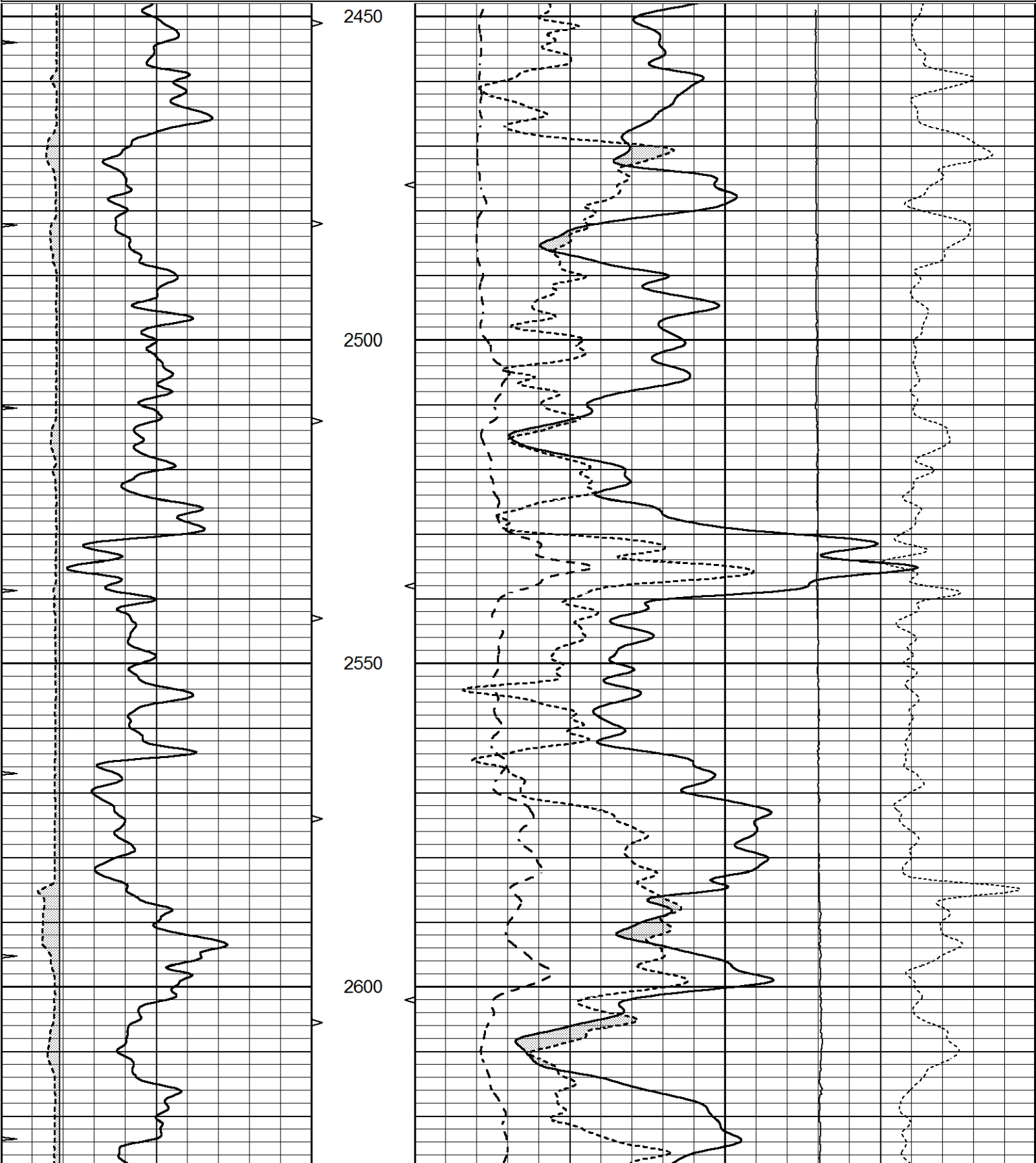
Dataset Pathnamepass2.1R

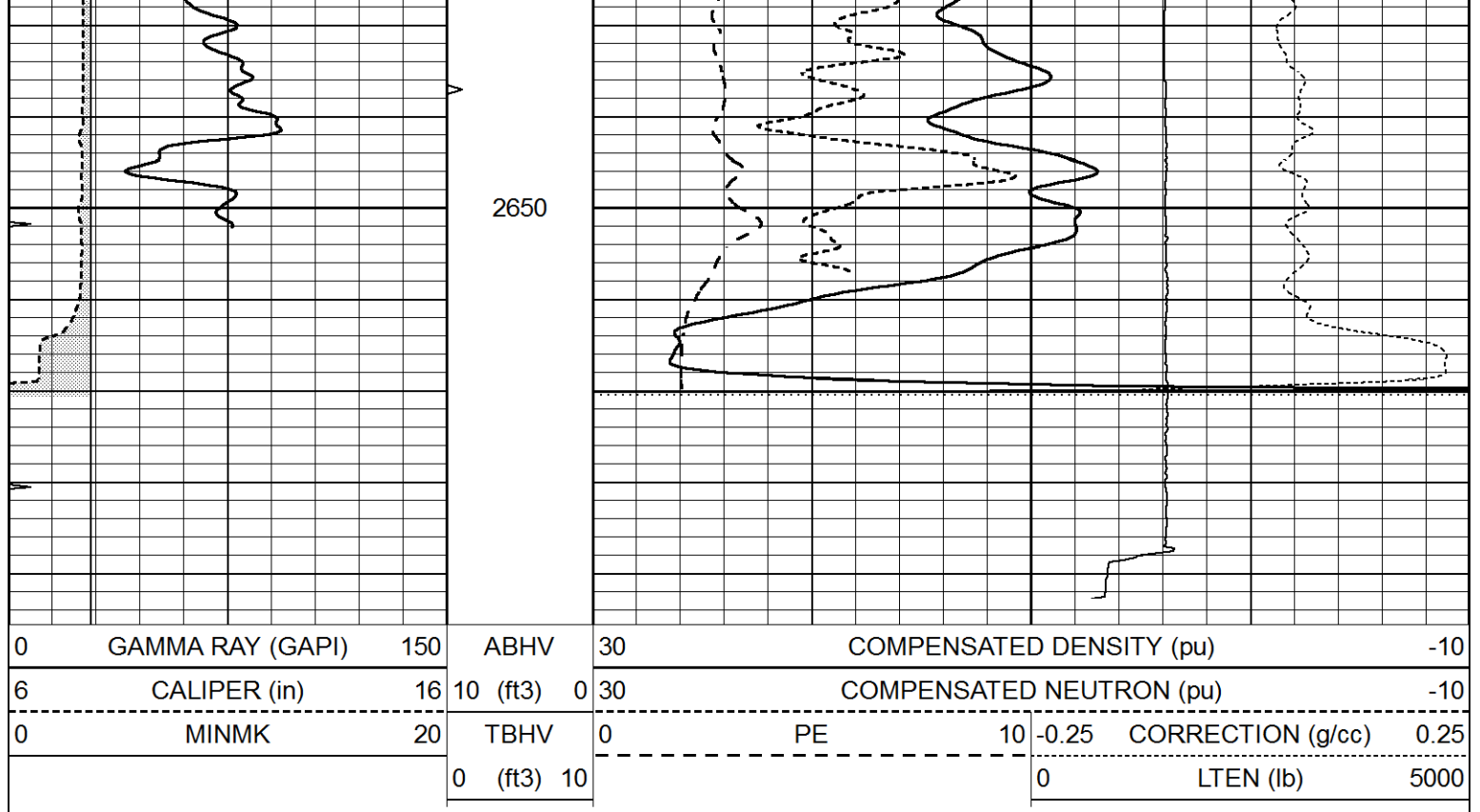
Presentation Formatldt_neu

Dataset CreationThu Feb 10 23:07:11 2022

Charted byDepth 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 5946pe.db
Dataset Pathname pass3.5
Dataset Creation Thu Feb 10 22:56:09 2022

Dual Induction Calibration Report

Serial-Model: DIL4-GEAR
Surface Cal Performed: Thu Feb 10 21:21:04 2022
Downhole Cal Performed: Tue Sep 25 17:01:29 2001
After Survey Verification Performed: Sat Jun 11 16:07:12 2005

Surface Calibration

Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.008	0.666	V	0.000	400.000	mmho/m	580.000	5.000
Medium	-0.003	0.769	V	0.000	462.500	mmho/m	580.000	-10.000
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

Downhole Calibration

Readings				References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.000	1.000	mmho/m	0.000	1.000	mmho/m	1.000	0.000
Medium	0.000	1.000	mmho/m	0.000	1.000	mmho/m	1.000	0.000
Shallow	2.525	0.026	V	500.000	2.000	Ohm-m	250.000	-4.000

After Survey Verification

Readings Targets Results

Readings			Targets			Results		
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	1.000	mmho/m	0.000	1.000	mmho/m	1.000	0.000
Medium	0.000	1.000	mmho/m	0.000	1.000	mmho/m	1.000	0.000
Shallow	0.000	0.000	Ohm-m	500.000	2.000	Ohm-m	1.000	0.000
Litho Density Calibration Report Serial: 001 Model: PRB								
Master Calibration			Performed Mon May 11 11:33:29 2020					
	Background	Magnesium		Aluminum		Aluminum+Fe		
Window 1	1593.8	10211.9		3449.0		3132.1		cps
Window 2	1486.7	8824.2		3065.6		2829.4		cps
Window 3	1206.8	4705.7		1944.6		1871.7		cps
Window 4	361.0	367.9		364.8		363.1		cps
Long Space	0.0	7337.5		1578.9		1342.7		cps
Short Space	2.7	2543.4		1657.9		1382.7		cps
Rho		1.7100		2.5900		0.0000		g/cc
Pe		2.0000		2.7500		5.7900		
Rib Angle	: 44.4	Rib Slope	: 0.980	Density/Spine Ratio				: 0.552
Spine Angle	: 74.4	Spine Slope	: 3.590	Spine Intercept				: -19.2
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		
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		
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:	Sat Jan 29 13:06:40 2022		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	1.0	cps	
Sensitivity:	0.2800	GAPI/cps	