

**COMPENSATED  
DENSITY/NEUTRON  
PE LOG**

Company	BECKER OIL CORPORATION	Company	BECKER OIL CORPORATION
Well	BUCKNER #1	Well	BUCKNER #1
Field	NOVA	Field	NOVA
County	HODGEMAN	County	HODGEMAN
State	KANSAS	State	KANSAS
Location:	API # : 15-083-22030-0000 2800 FSL & 3025 FEL SW - SE - SE - NW	Other Services	
Permanent Datum	GROUND LEVEL Elevation	Elevation	
Log Measured From	KELLY BUSHING 13' A. G.L.	K.B. 2409	
Drilling Measured From	KELLY BUSHING	D.F. 2407	
		G.L. 2396	
Date	11/4/23		
Run Number	ONE		
Depth Driller	2890		
Depth Logger	2889		
Bottom Logged Interval	2886		
Top Log Interval	2500		
Casing Driller	8.625 @ 266		
Casing Logger	266		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 66.100 PPM	
Density / Viscosity	9.7/40		
pH / Fluid Loss	7.0/12.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.130 @ 76F		
Rmt @ Meas. Temp	.098 @ 76F		
Rmc @ Meas. Temp	.156 @ 76F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.093 @ 106F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	6:00 P.M.		
Maximum Recorded Temperature	106F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	COLE ROBBEN		
Witnessed By	CLYDE BECKER		

<<< Fold Here >>>

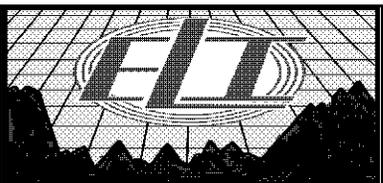
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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:**

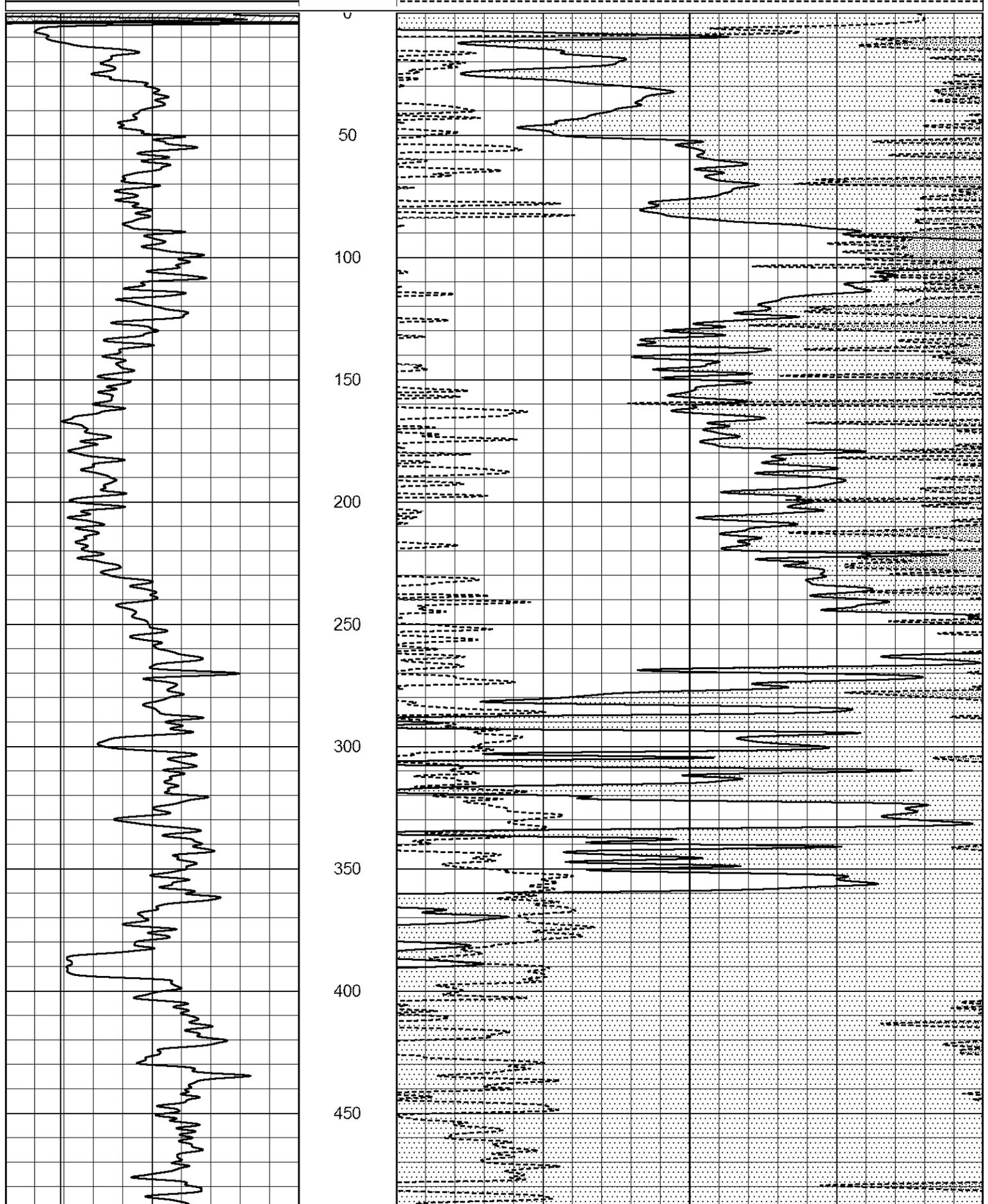
FROM HIGHWAY 156/283 JUNCTION IN JETMORE, KANSAS GO 3/4 MILE EAST, 3 MILES NORTH,  
1/2 MILE EAST, NORTH INTO

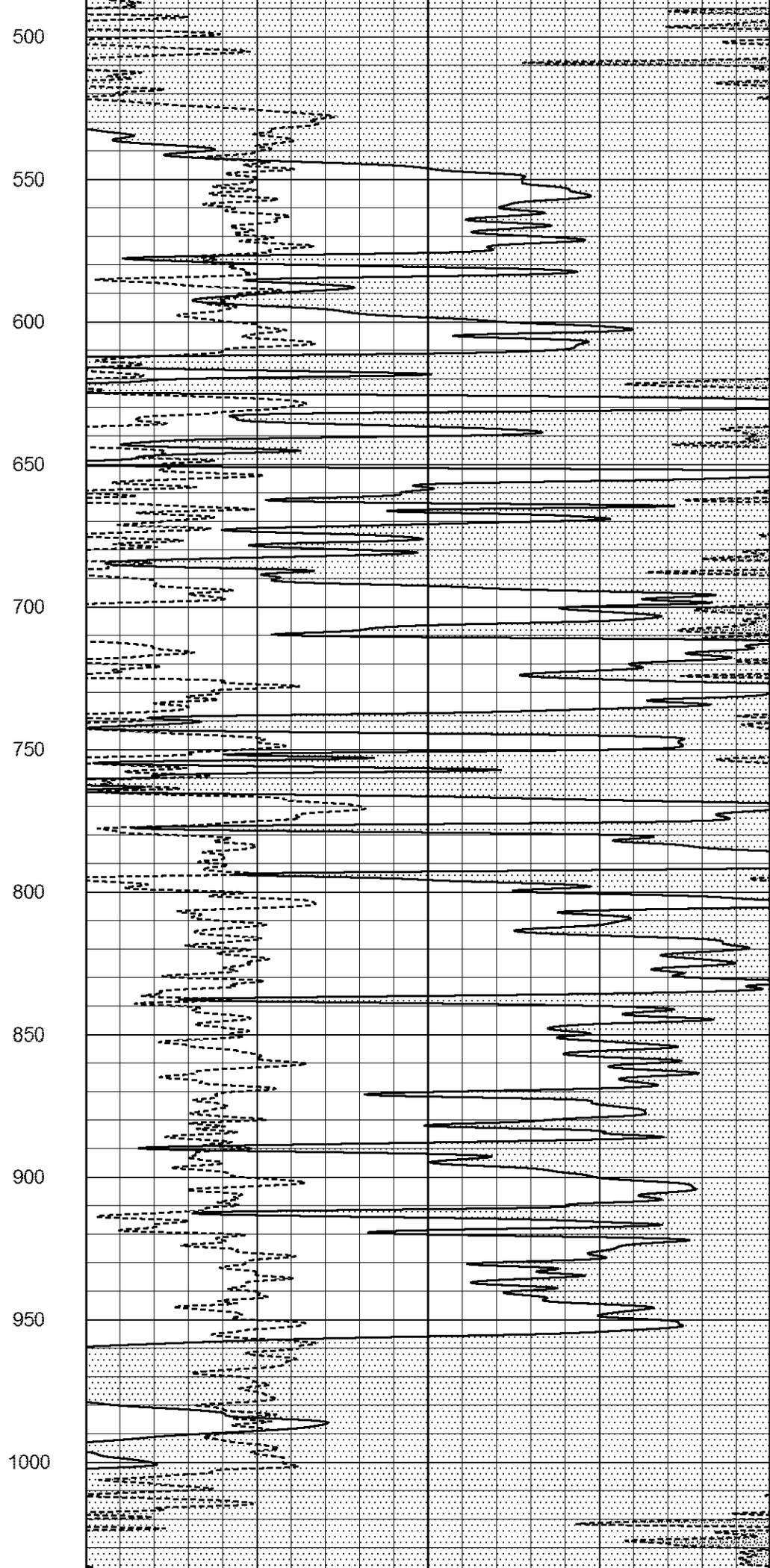
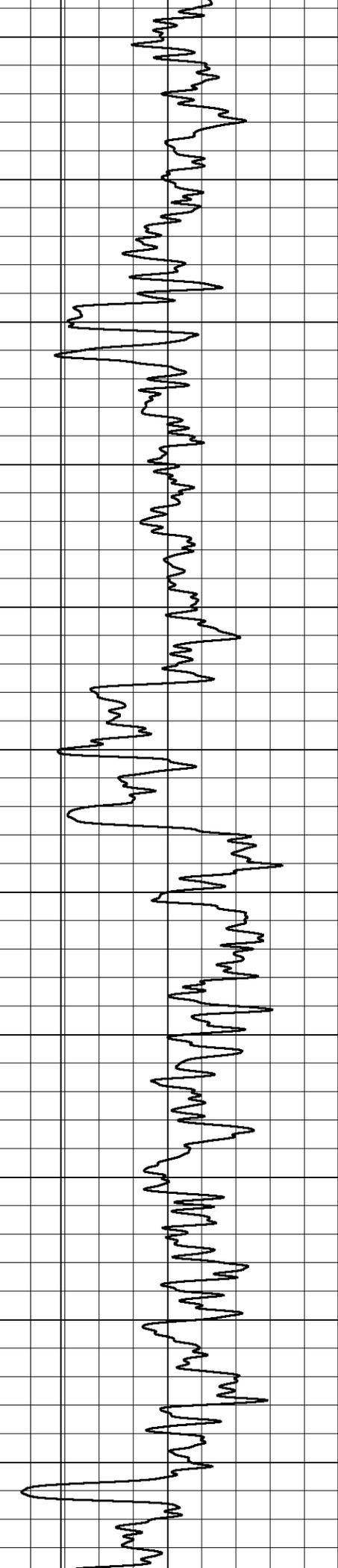


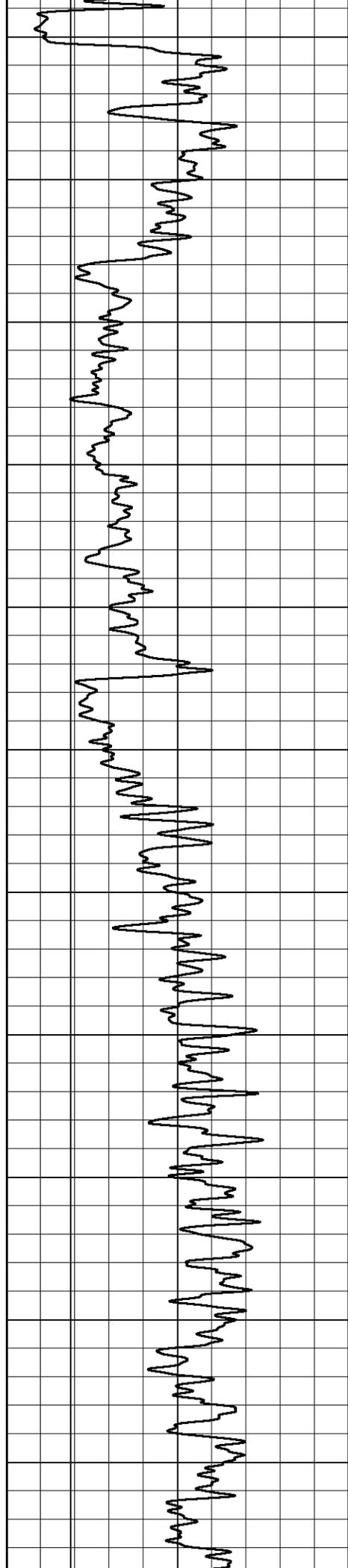
**MAIN SECTION**

Database File 7790ddn.db  
Dataset Pathname pass4.8  
Presentation Format \_ldt\_neu  
Dataset Creation Sat Nov 04 19:08:12 2023  
Charted by Depth in Feet scaled 1:600

0 GAMMA RAY (GAPI) 150 30 COMPENSATED NEUTRON (pu) -10







1050

1100

1150

1200

1250

1300

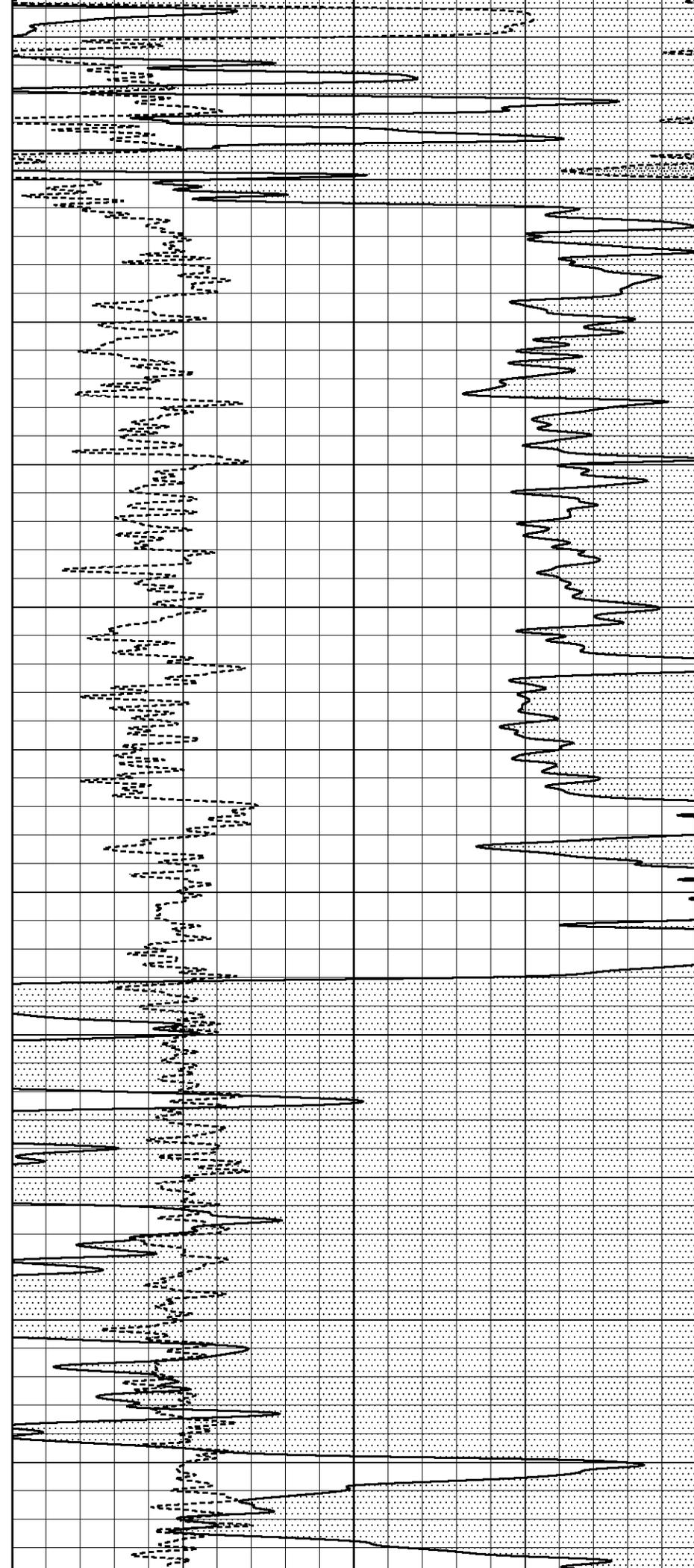
1350

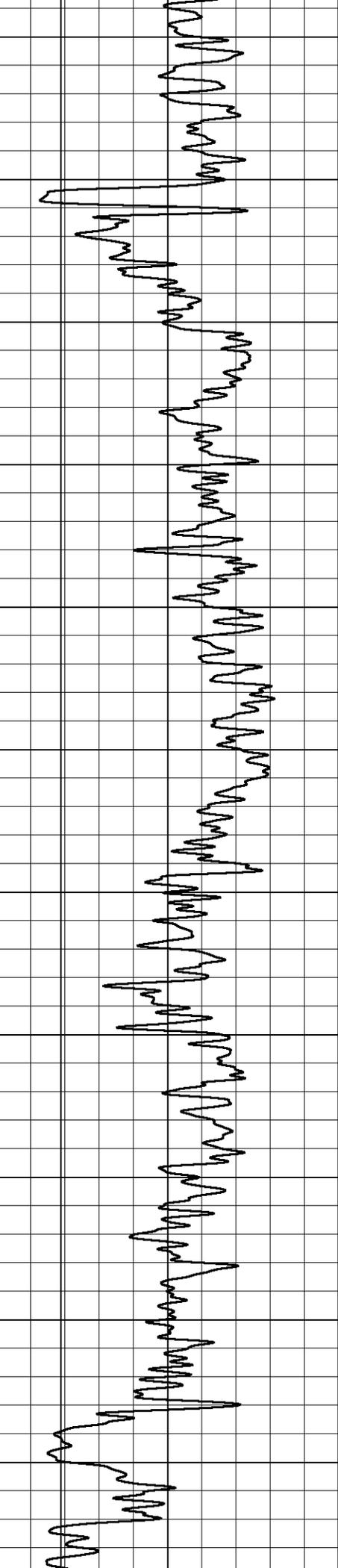
1400

1450

1500

1550





1600

1650

1700

1750

1800

1850

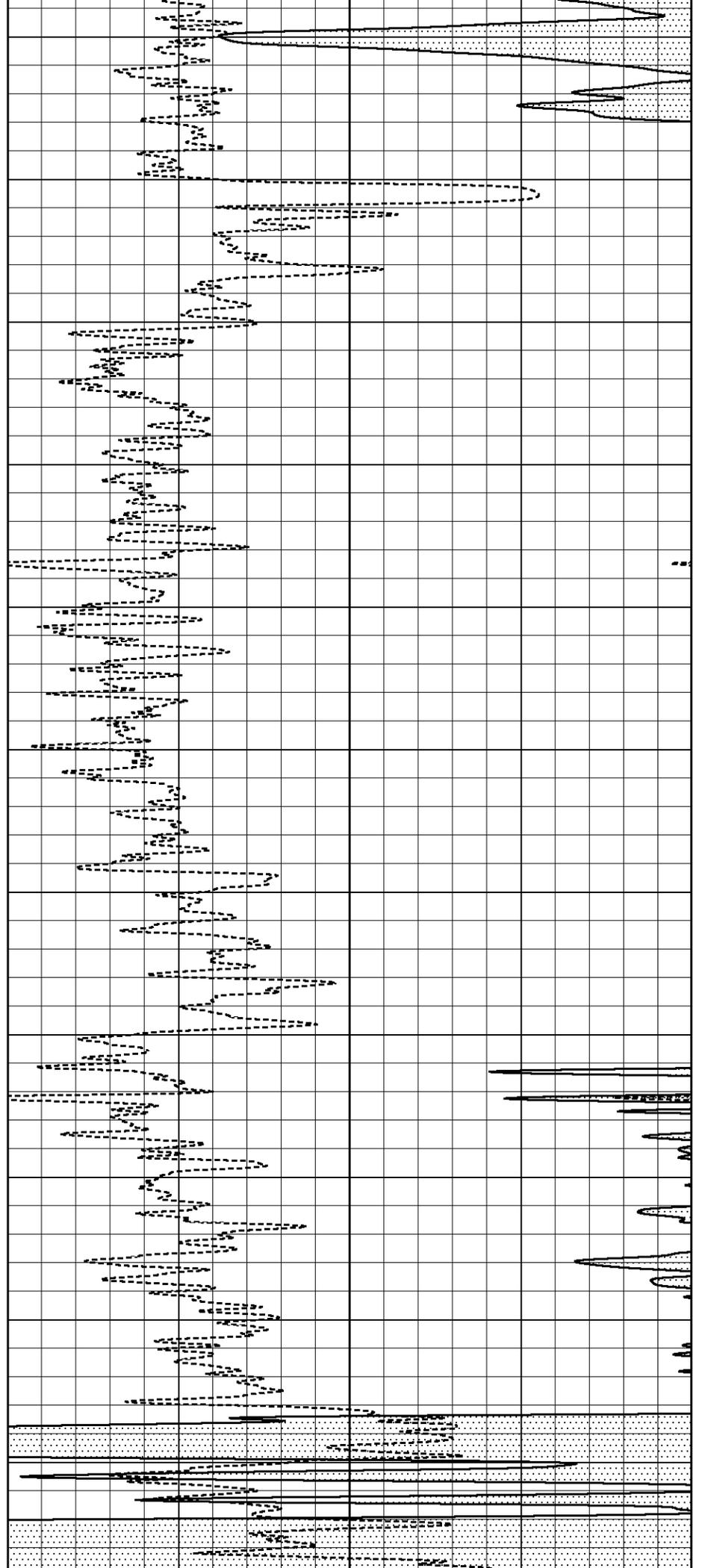
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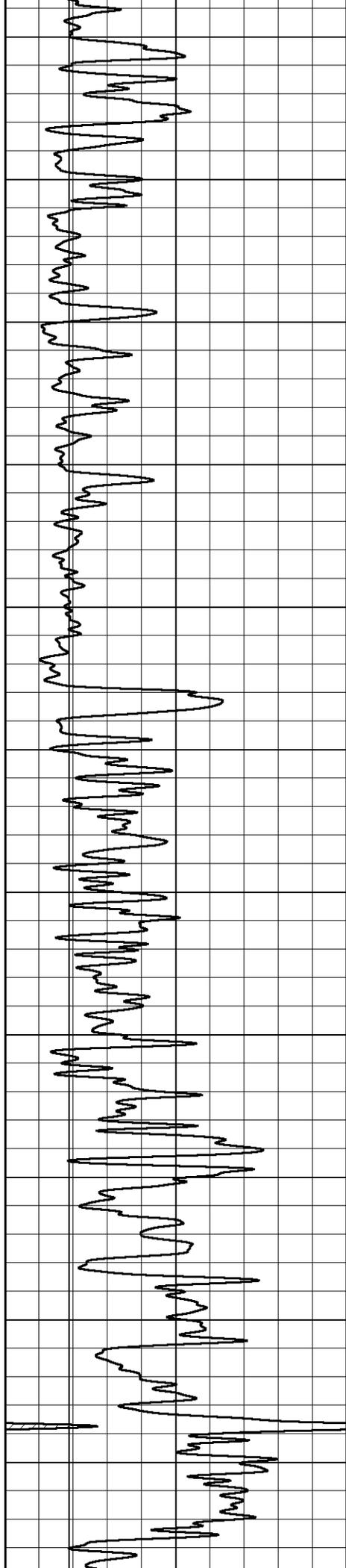
1950

2000

2050

2100





2150

2200

2250

2300

2350

2400

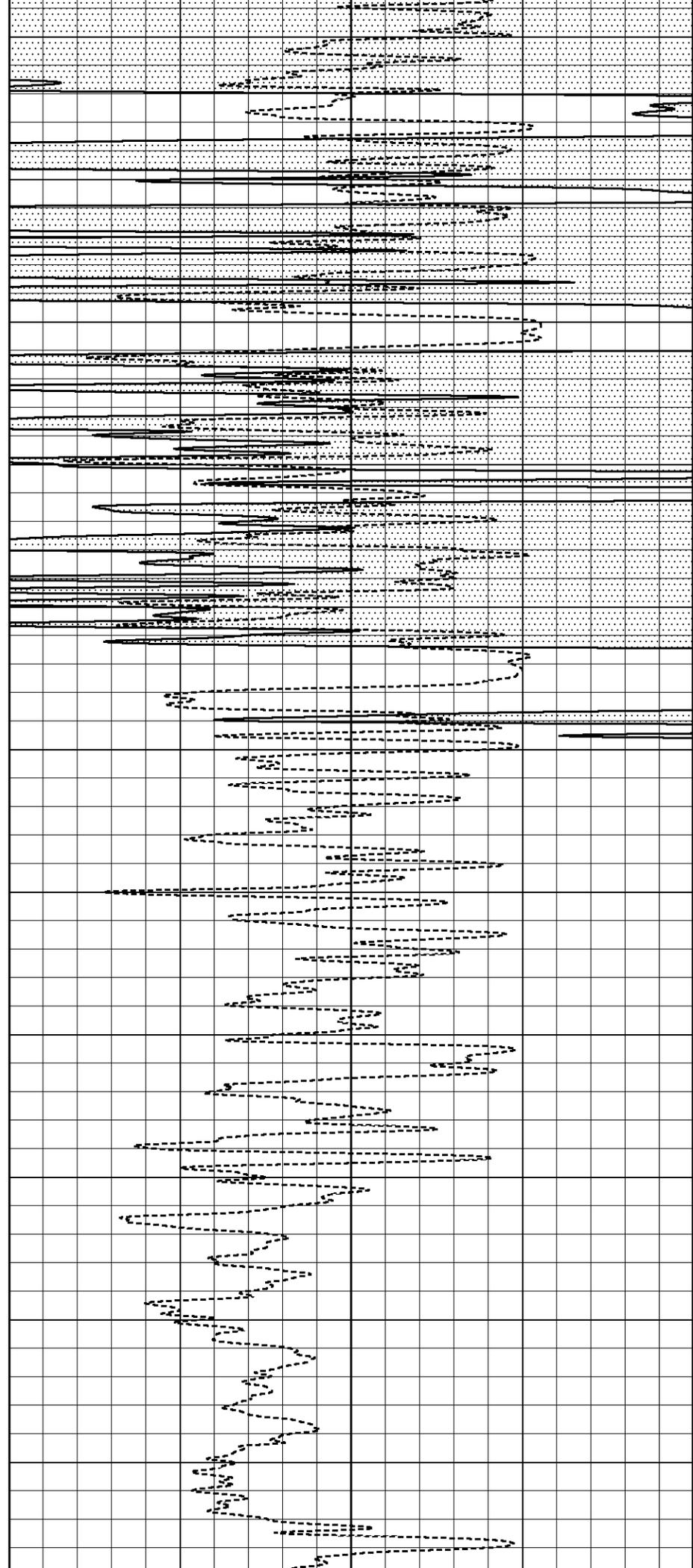
2450

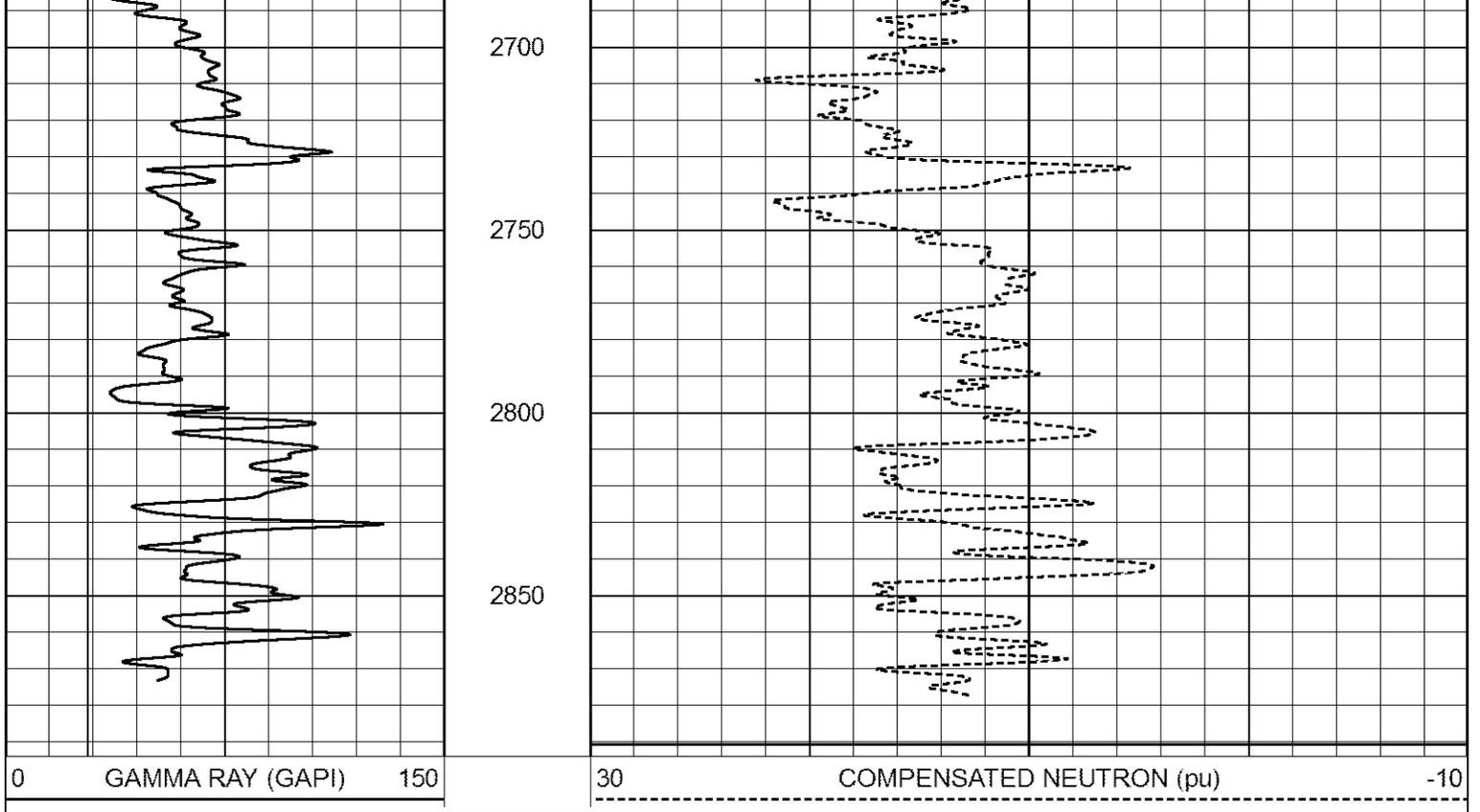
2500

2550

2600

2650

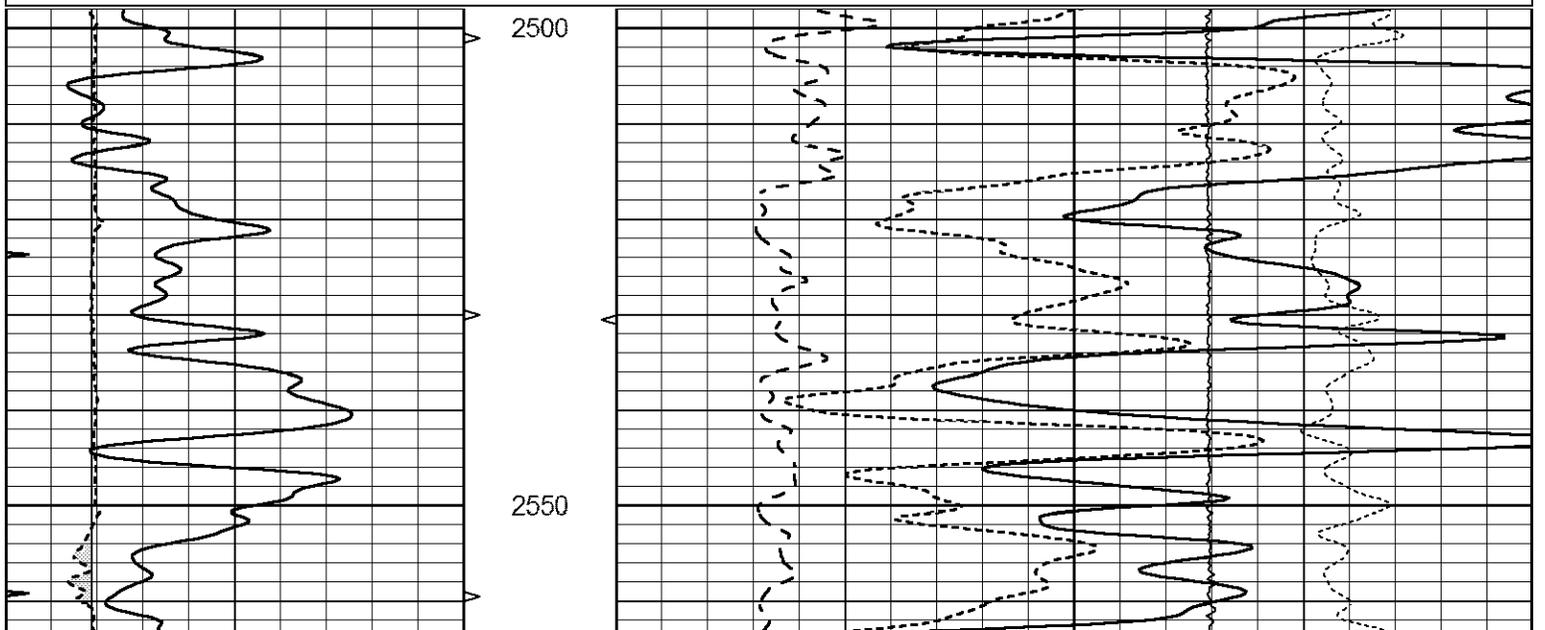


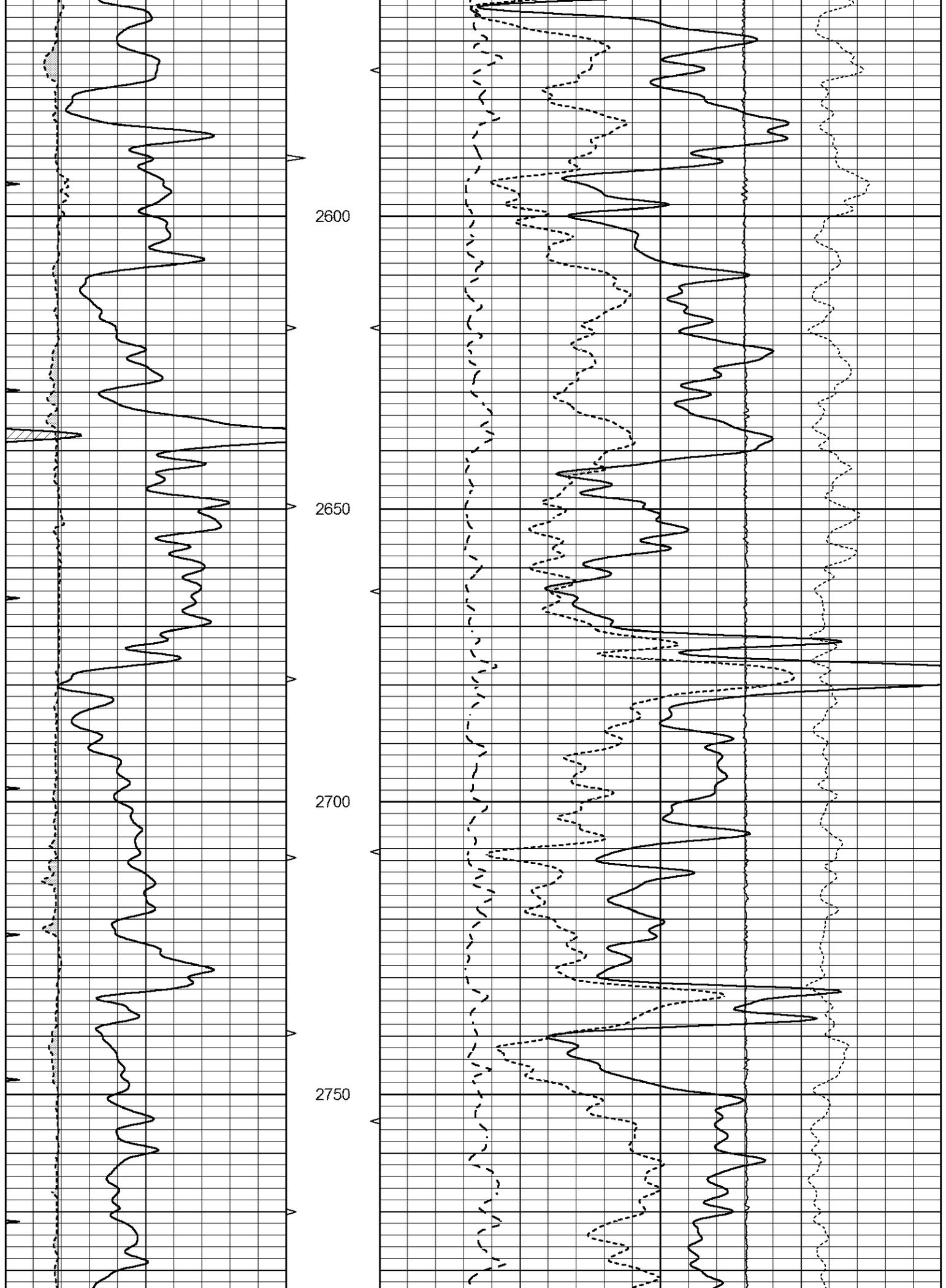


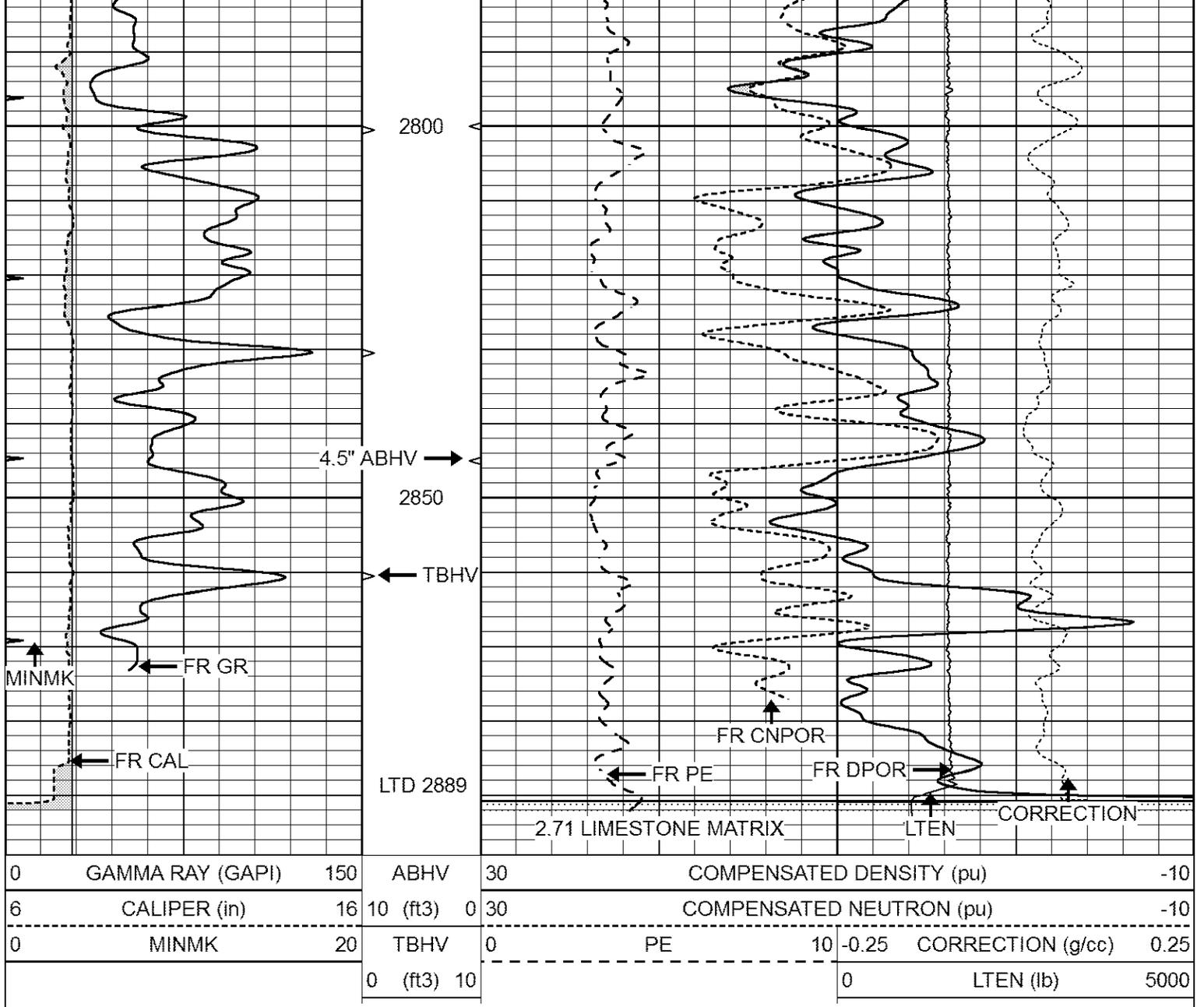
# MAIN SECTION

Database File 7790ddn.db  
 Dataset Pathname pass4.7  
 Presentation Format \_ldt\_neu  
 Dataset Creation Sat Nov 04 18:43:13 2023  
 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	10	PE	-0.25	CORRECTION (g/cc)	0.25
			0 (ft3)	10	0	LTEN (lb)	5000		



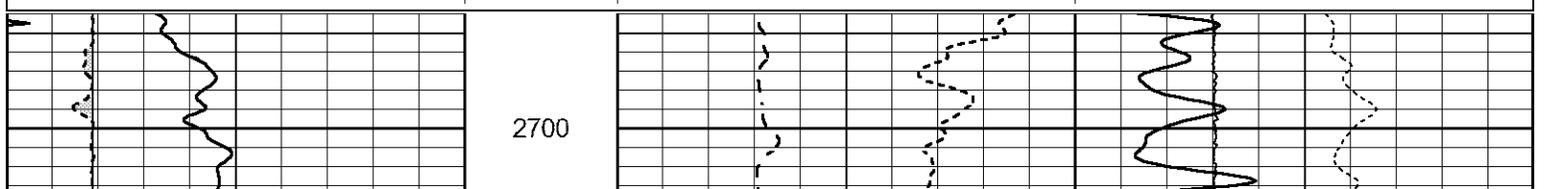


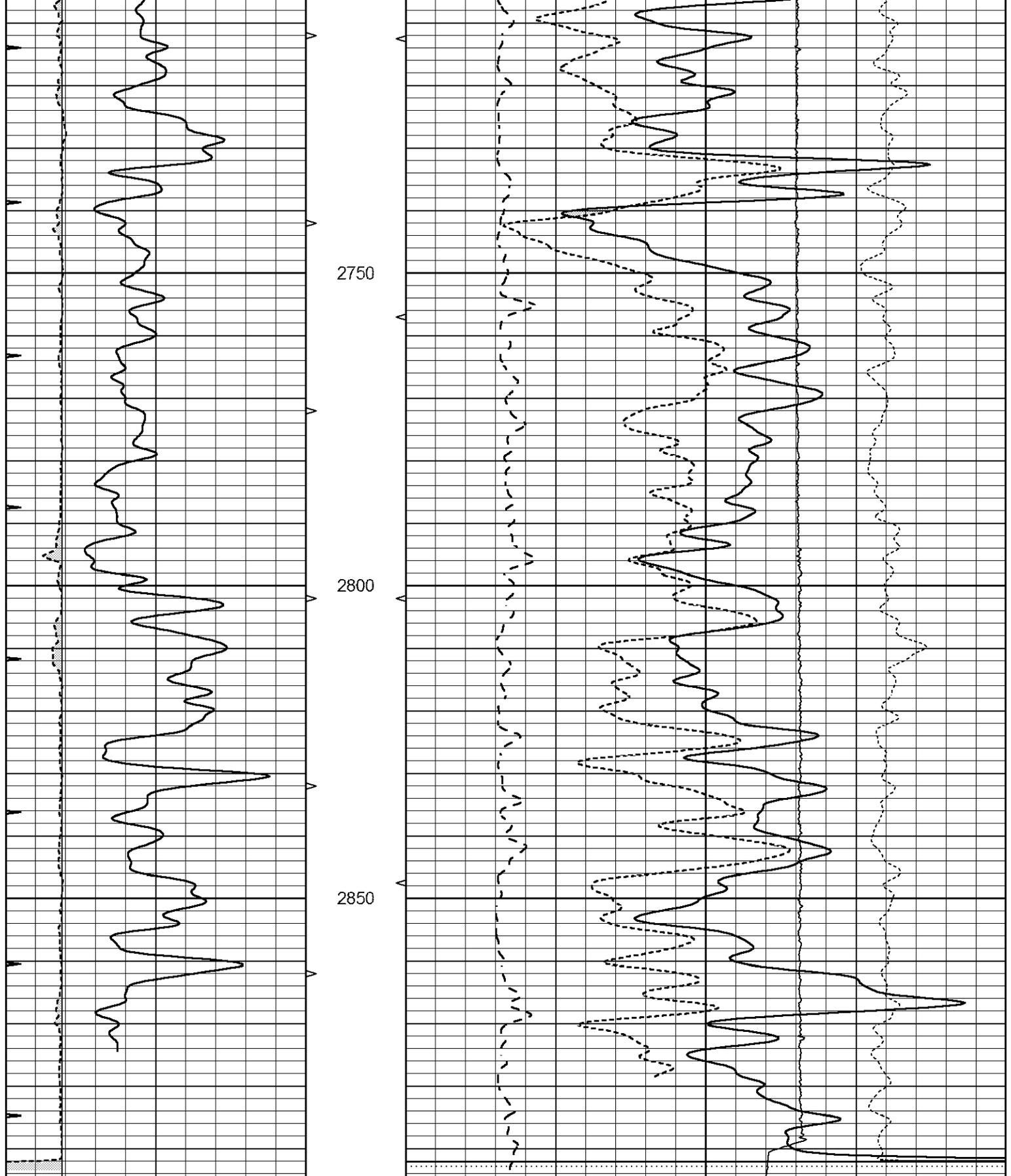


# REPEAT SECTION

Database File 7790ddn.db  
 Dataset Pathname pass3.2  
 Presentation Format \_ldt\_neu  
 Dataset Creation Sat Nov 04 18:51:00 2023  
 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





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

Database File 7790ddn.db  
 Dataset Pathname pass4.7  
 Dataset Creation Sat Nov 04 18:43:13 2023

Litho Density Calibration Report  
 Serial: 003 Model: PRB

Master Calibration

Performed Mon May 22 11:42:40 2023

	Background	Magnesium	Aluminum	Aluminum+Fe	
Window 1	1512.3	7465.7	2749.0	2519.6	cps
Window 2	1398.8	6705.7	2507.3	2313.8	cps
Window 3	1289.2	5259.5	2124.1	2009.6	cps
Window 4	351.1	351.6	351.8	353.2	cps
Long Space	0.0	5306.9	1108.5	915.0	cps
Short Space	3.3	2239.9	1441.2	1212.0	cps
Rho		1.7100	2.5900	0.0000	g/cc
Pe		2.0000	2.7500	5.7900	
Rib Angle	: 44.3	Rib Slope	: 0.975	Density/Spine Ratio	: 0.541
Spine Angle	: 74.3	Spine Slope	: 3.551	Spine Intercept	: -18.8

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: 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		
Long Space	cps	pu	pu

Gamma Ray Calibration Report

Serial Number:	46001		
Tool Model:	Probe1		
Performed:	Thu Apr 20 09:55:57 2023		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	1.0	cps	
Sensitivity:	0.4300	GAPI/cps	