

**COMPENSATED
DENSITY/NEUTRON
PE LOG**

Company **RAYDON EXPLORATION, INC.**
 Well **BREYFOGLE #1-3**
 Field **UNNAMED**
 County **FINNEY** State **KANSAS**

Location: **API # : 15-055-22596-0000**
660 FNL & 2280 FWL
W2 - E2 - NE - NW
SEC 3 TWP 21S RGE 31W
 Permanent Datum **GROUND LEVEL Elevation 2886**
 Log Measured From **KELLY BUSHING 12' A.G.L**
 Drilling Measured From **KELLY BUSHING**
 Other Services **DILMEL SONIC**
 Elevation **K.B. 2898 D.F. 2896 G.L. 2886**

Date	12/21/23
Run Number	ONE
Depth Driller	5003
Depth Logger	5003
Bottom Logged Interval	4979
Top Log Interval	3500
Casing Driller	8.625 @ 355
Casing Logger	355
Bit Size	7.875
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	8.9/47
PH / Fluid Loss	9.5/6.0
Source of Sample	FLOWLINE
Rm @ Meas. Temp	1.70 @ 68F
Rmt @ Meas. Temp	1.28 @ 68F
Rmc @ Meas. Temp	2.04 @ 68F
Source of Rmf / Rmc	MEASUREMENT
Rm @ BHT	925 @ 125F
Time Circulation Stopped	2 HOURS
Time Logger on Bottom	12:30 P.M.
Maximum Recorded Temperature	125F
Equipment Number	3802
Location	HAYS, KANSAS
Recorded By	COLE ROBBEN
Witnessed By	ED GRIEVES

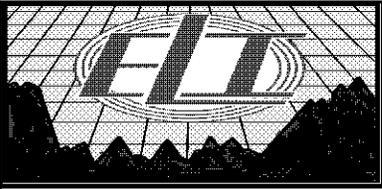
<<< Fold Here >>>

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

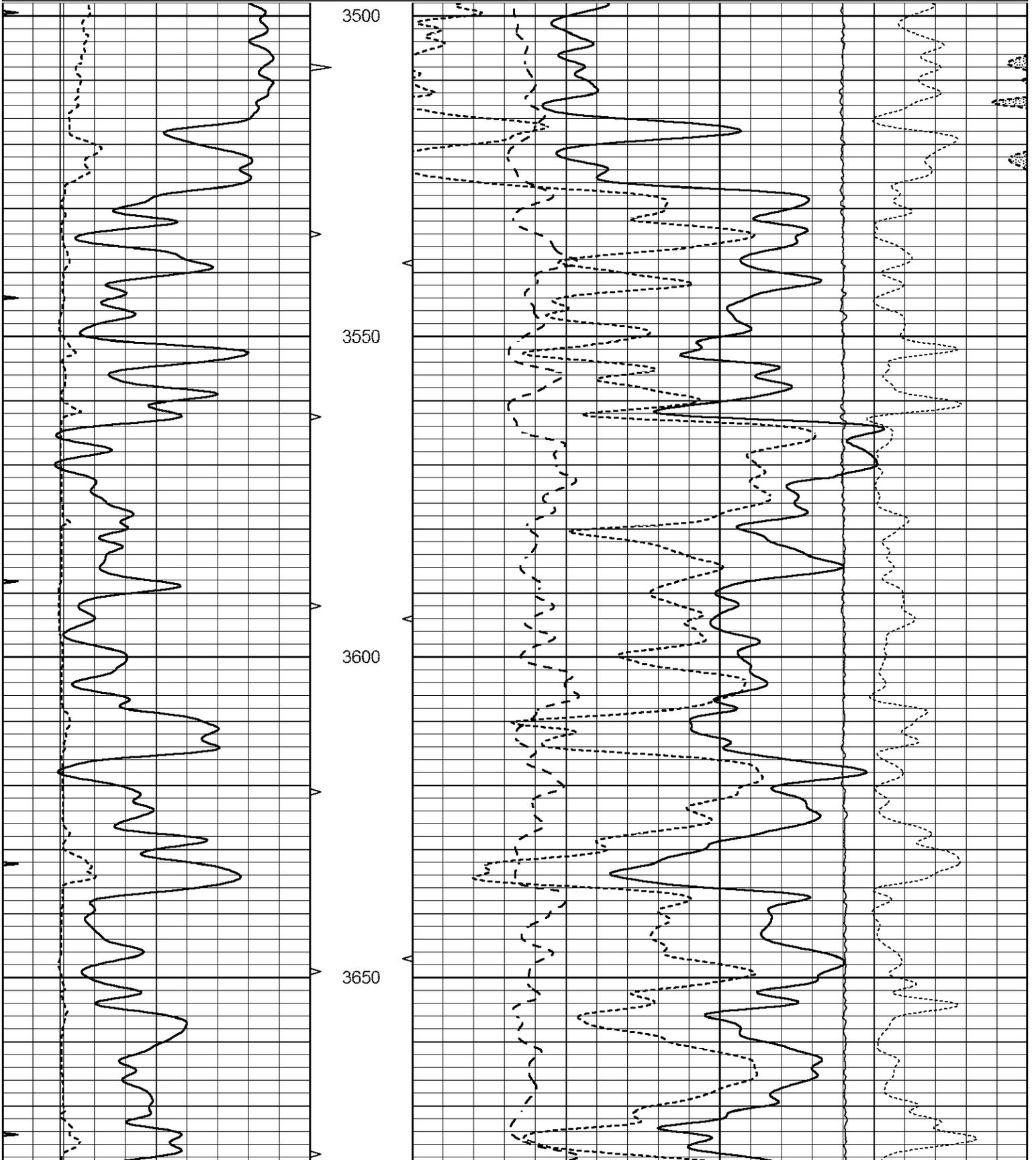
DIRECTIONS:
 FROM SCOTT CITY, KANSAS SOUTH ON HIGHWAY 83 TO FINNEY/SCOTT COUNTY ROAD,
 10 MILES EAST, SOUTH INTO

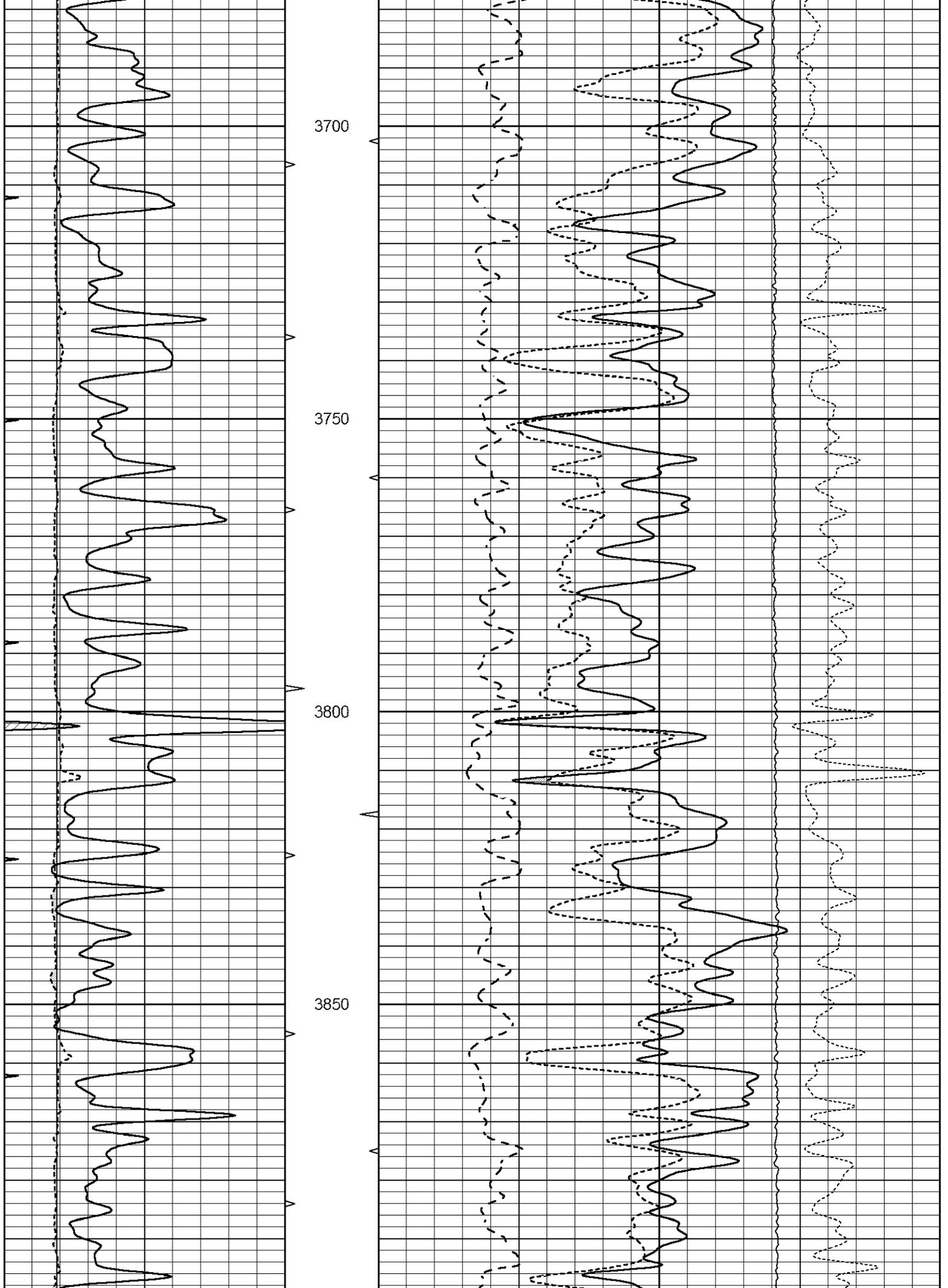


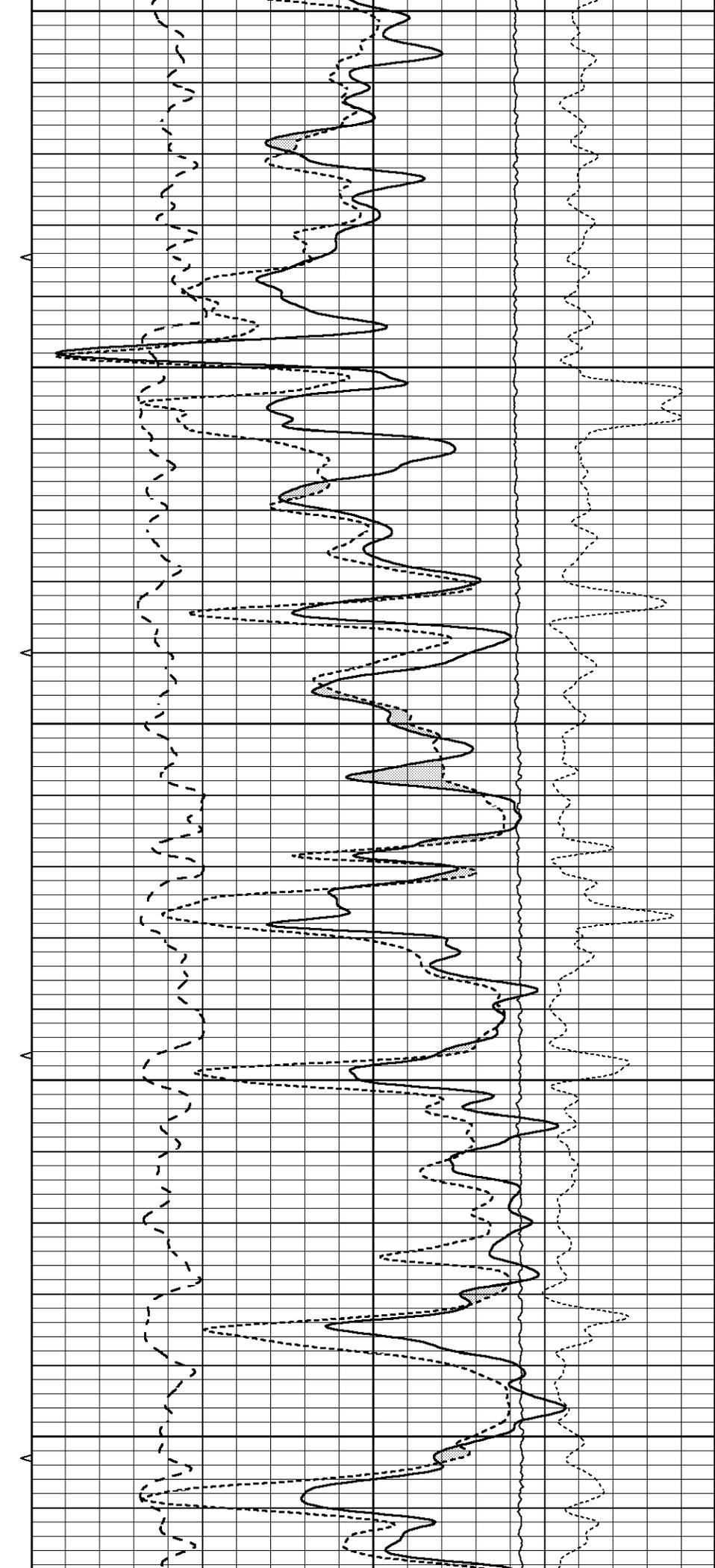
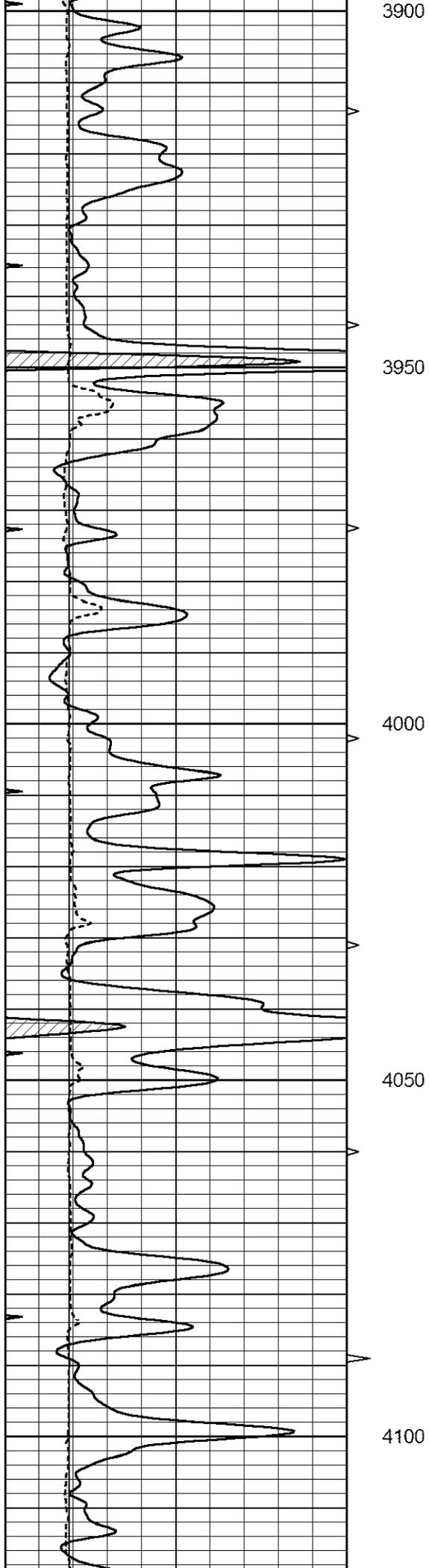
MAIN SECTION

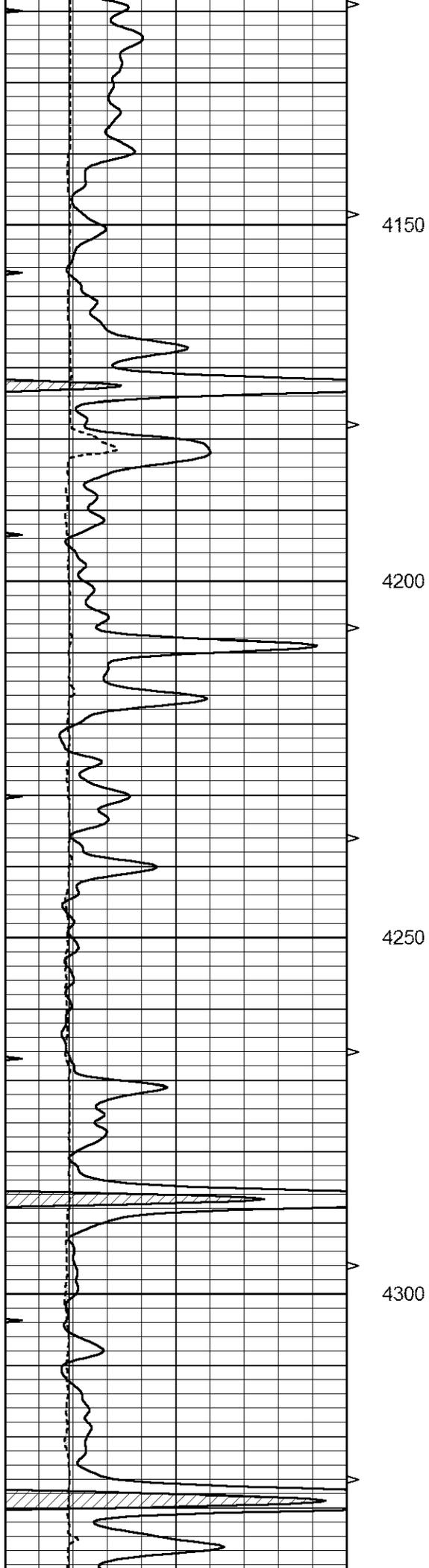
Database File 7057pe.db
 Dataset Pathname pass4D
 Presentation Format _ldt_neu
 Dataset Creation Thu Dec 21 13:57:08 2023
 Charted by Depth in Feet scaled 1:240

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







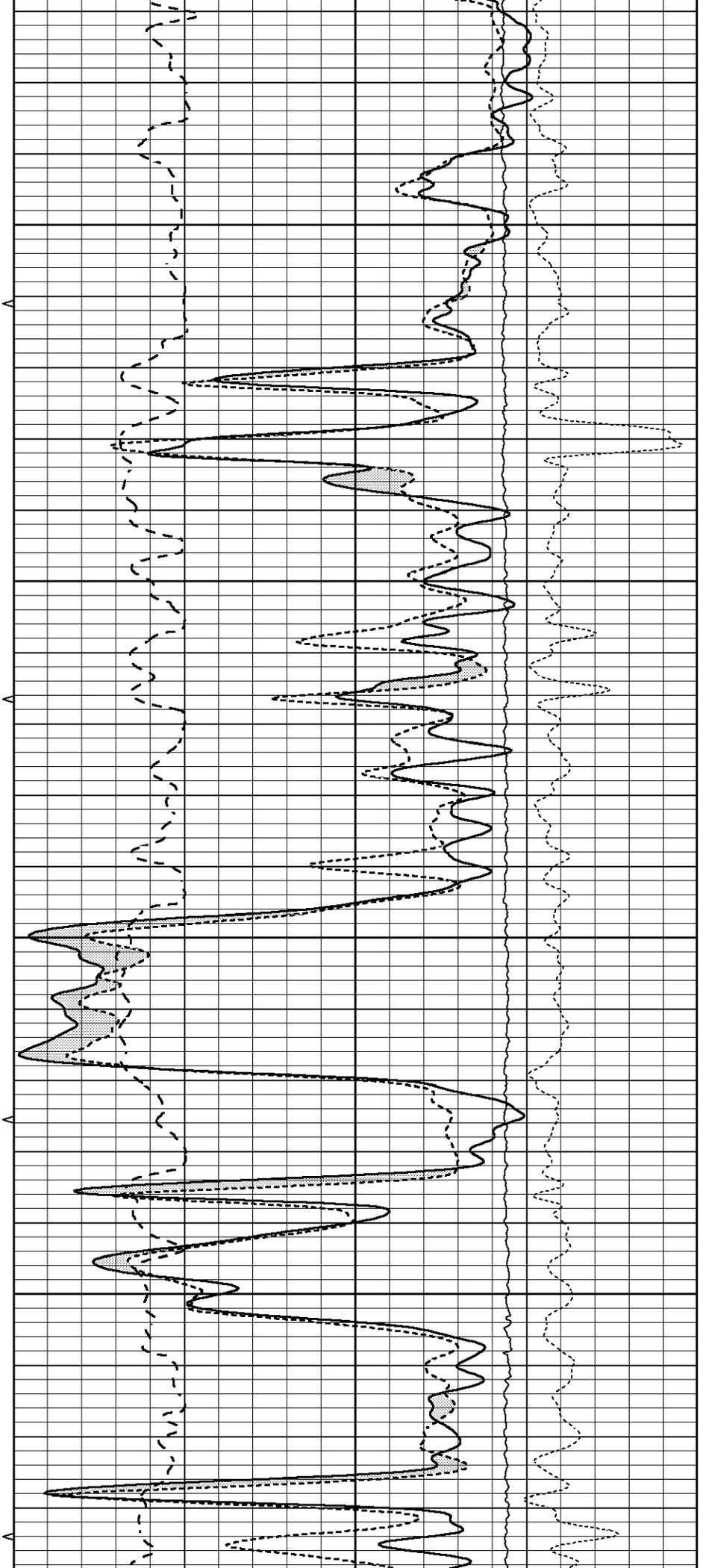


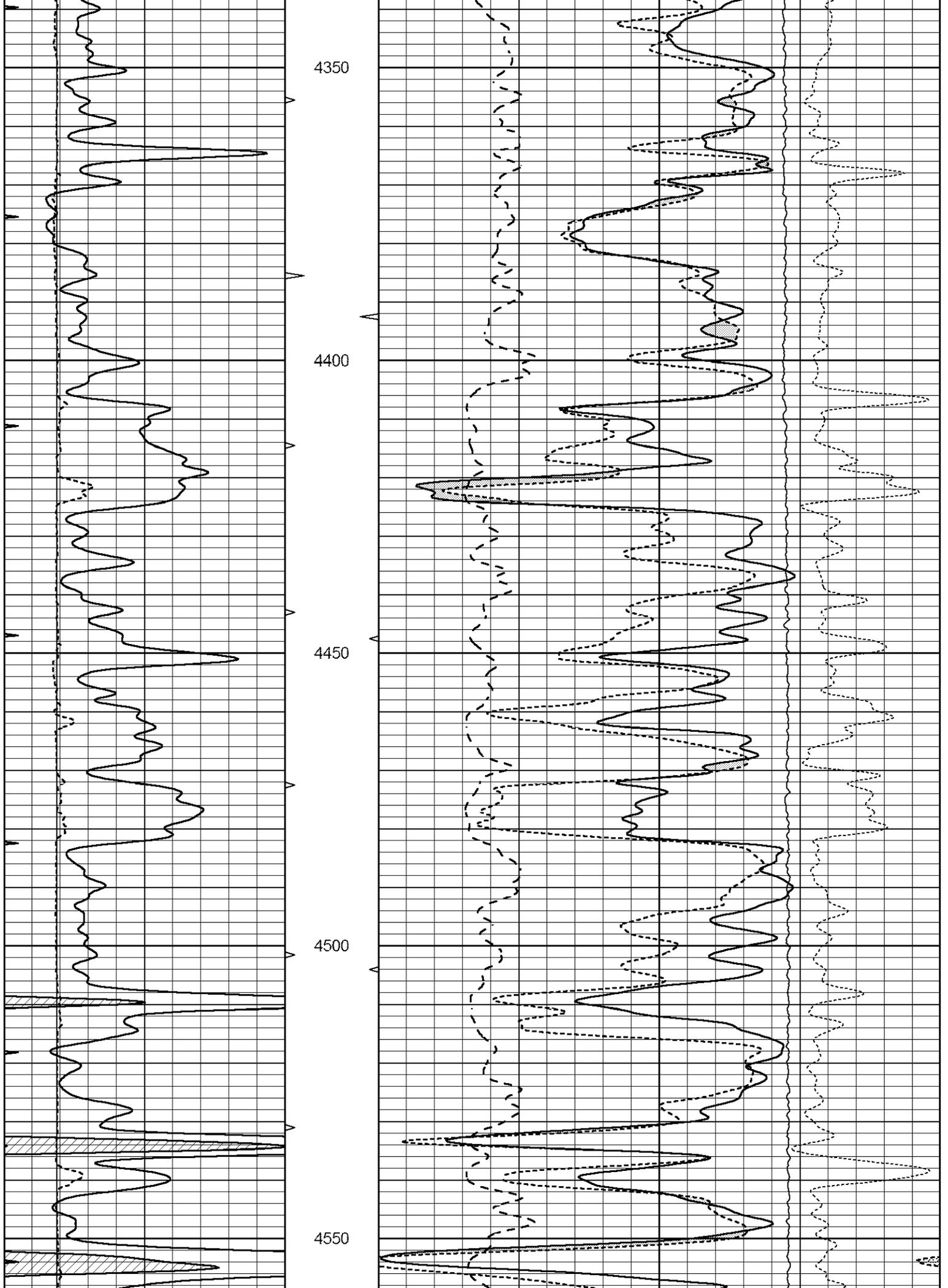
4150

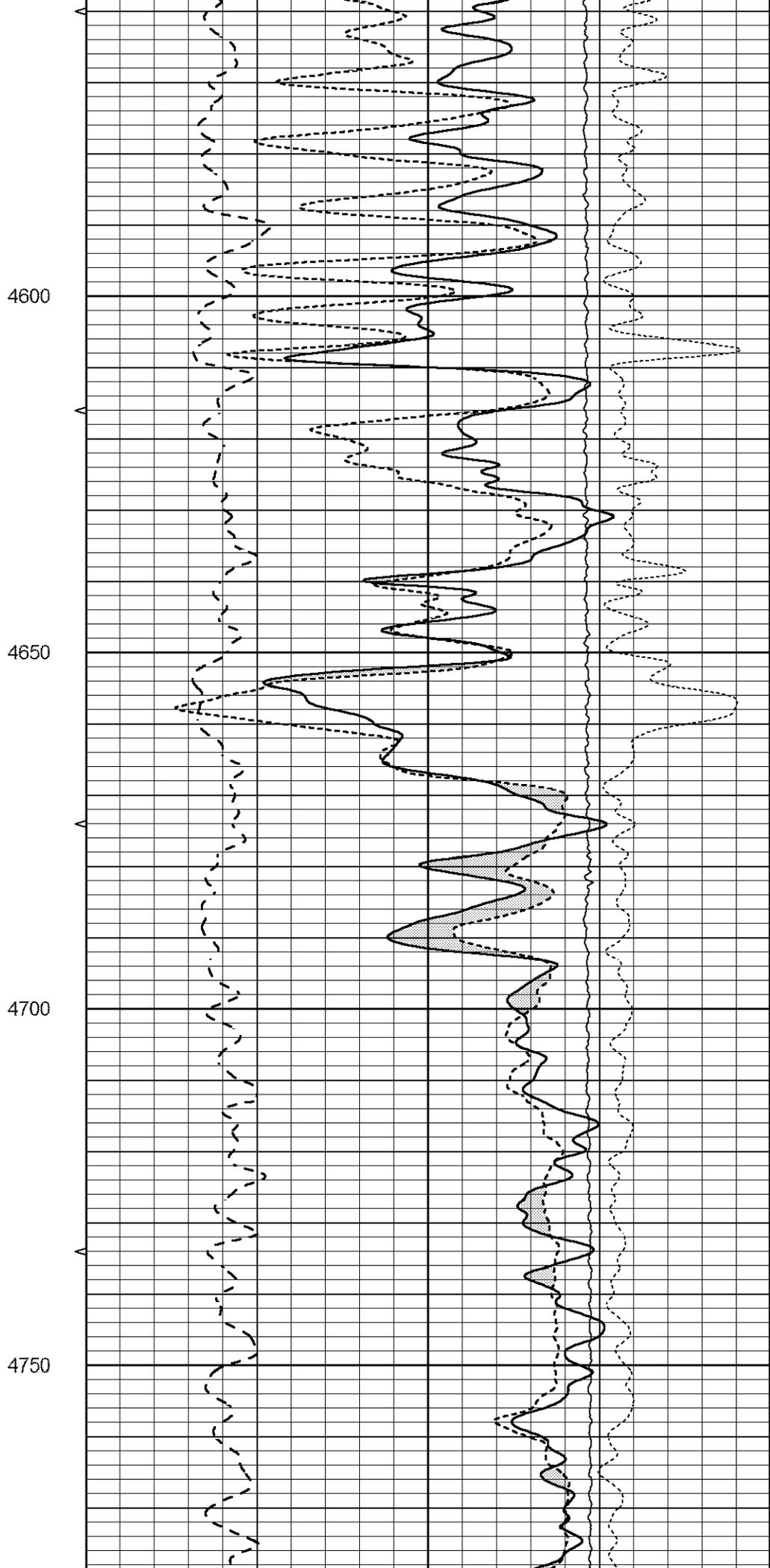
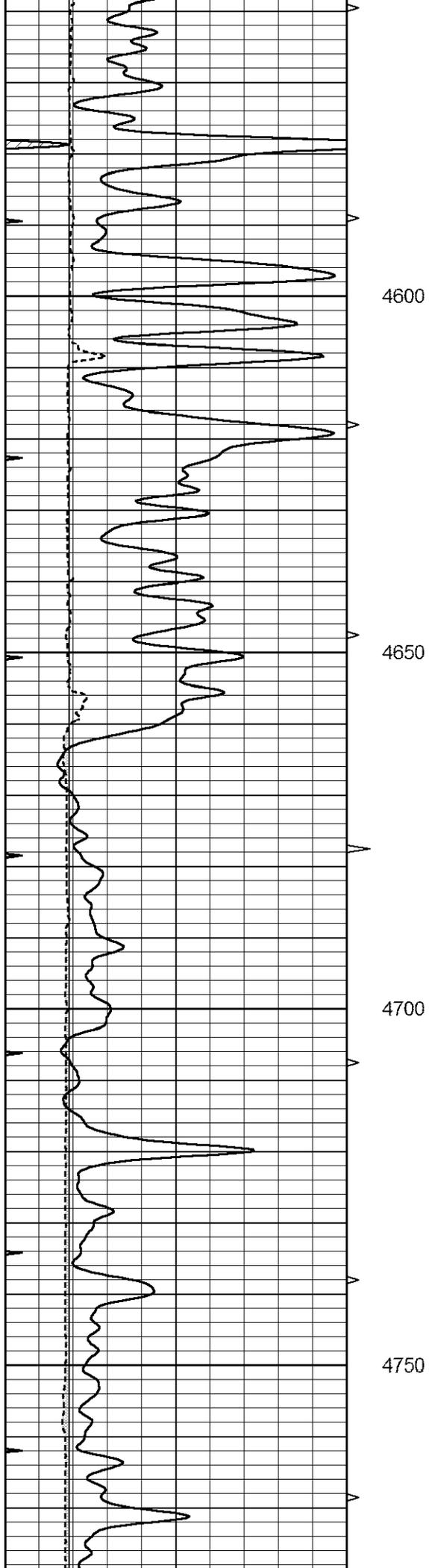
4200

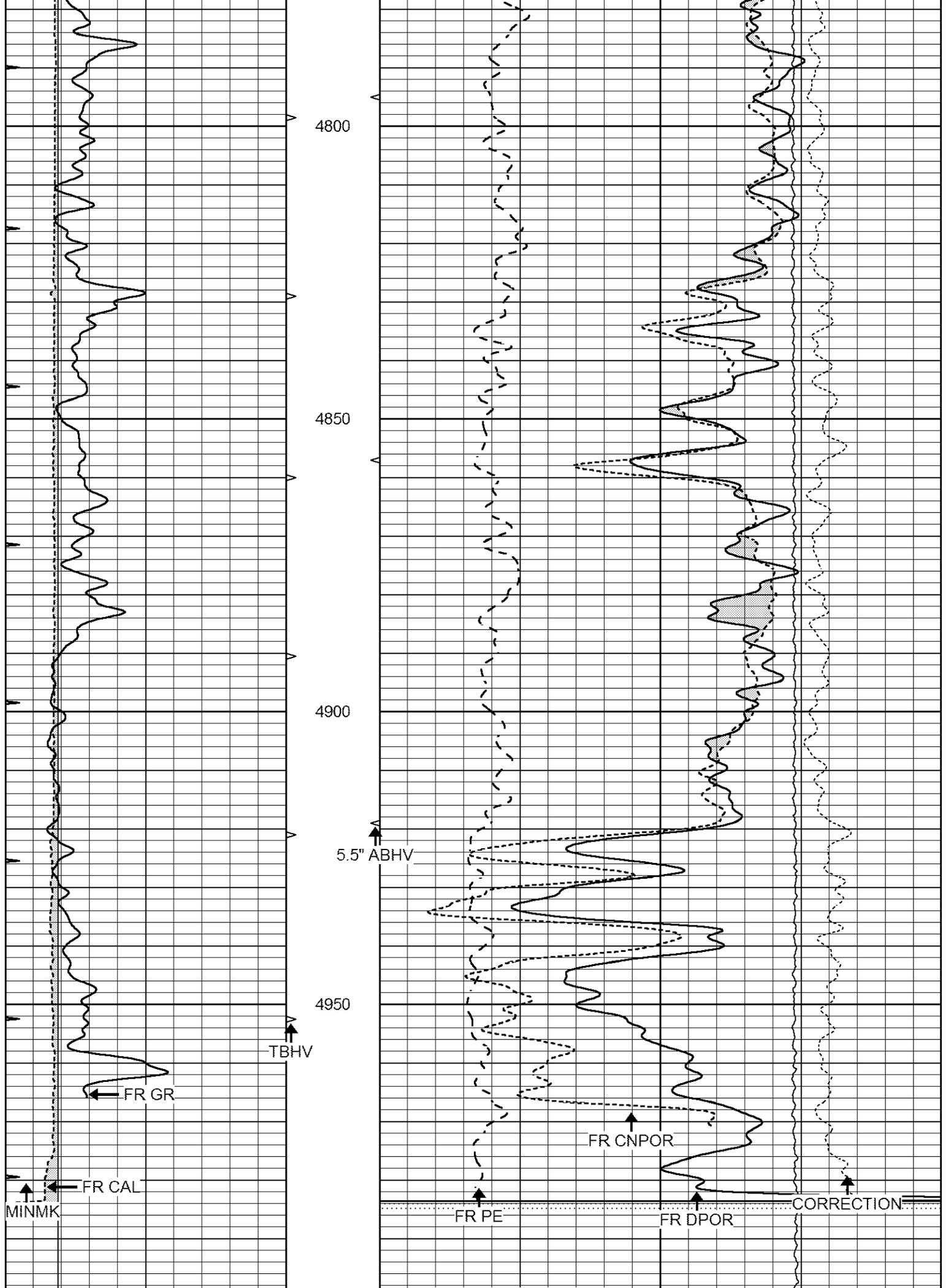
4250

4300









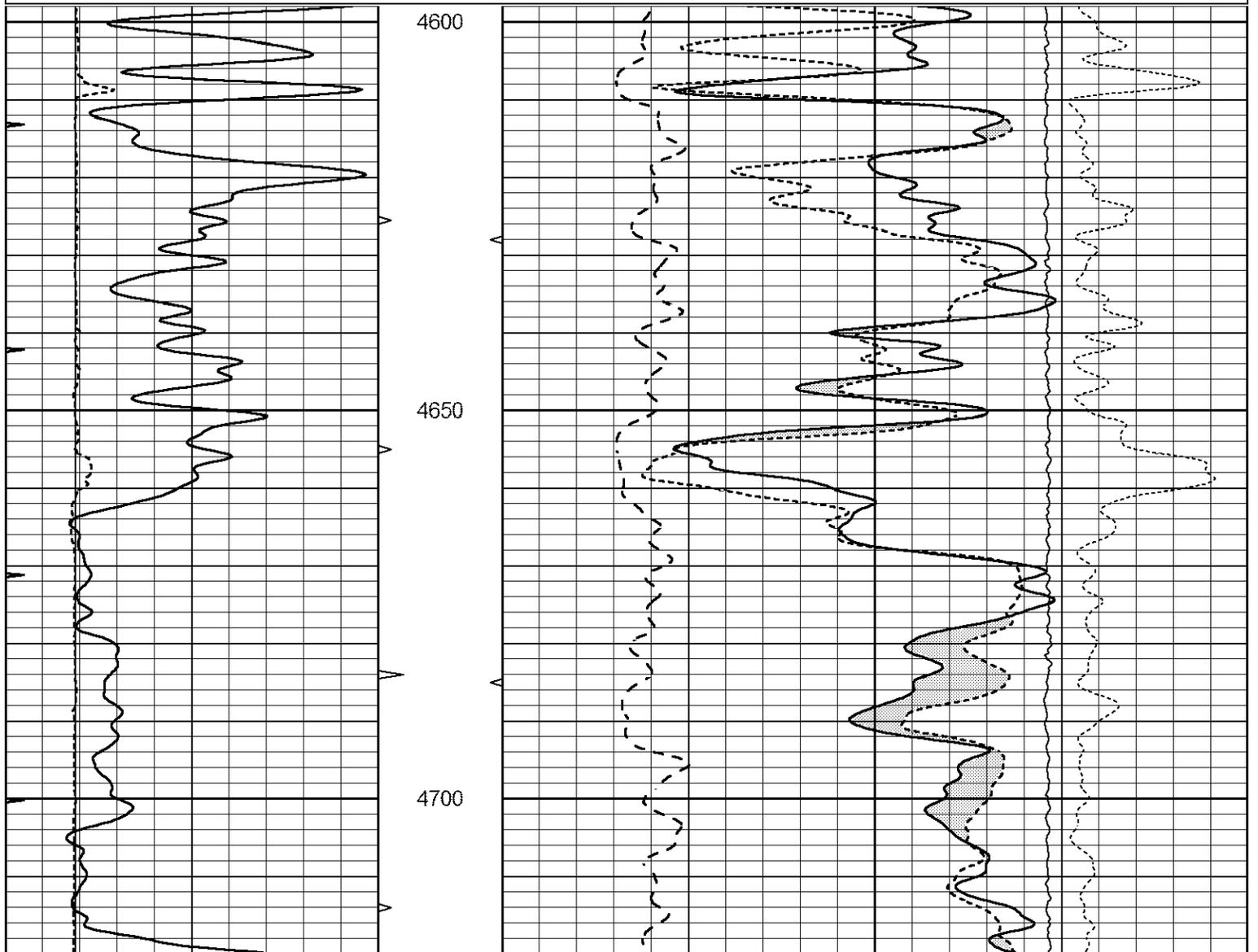
		5000 LTD 5003		2.71 LIMESTONE MATRIX		LTEN →			
0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)		-10		
6	CALIPER (in)	16	10 (ft3)	0	30	COMPENSATED NEUTRON (pu)		-10	
0	MINMK	20	TBHV	0	PE	10	-0.25	CORRECTION (g/cc)	0.25
			0 (ft3)	10		0		LTEN (lb)	5000

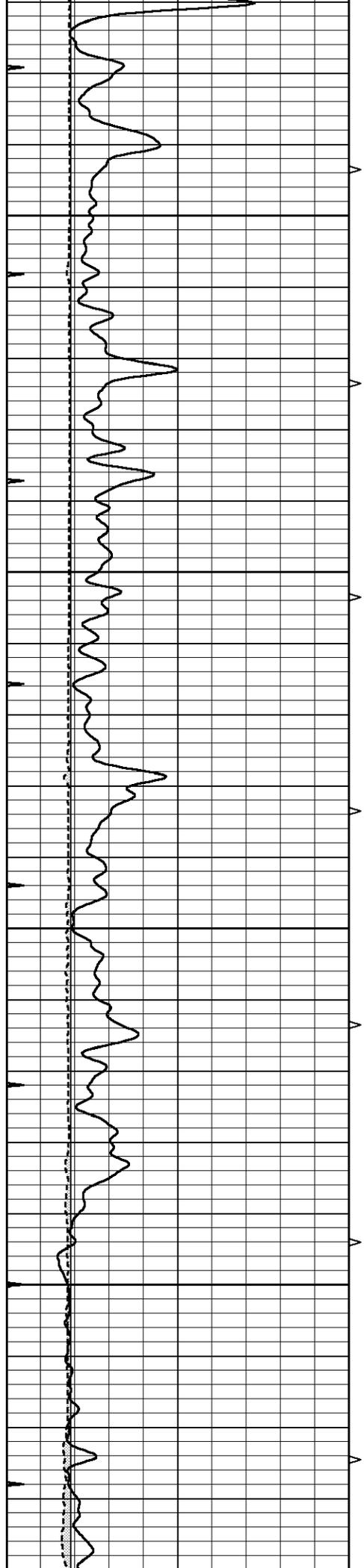


REPEAT SECTION

Database File 7057pe.db
 Dataset Pathname pass3R
 Presentation Format _ldt_neu
 Dataset Creation Thu Dec 21 14:08:29 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



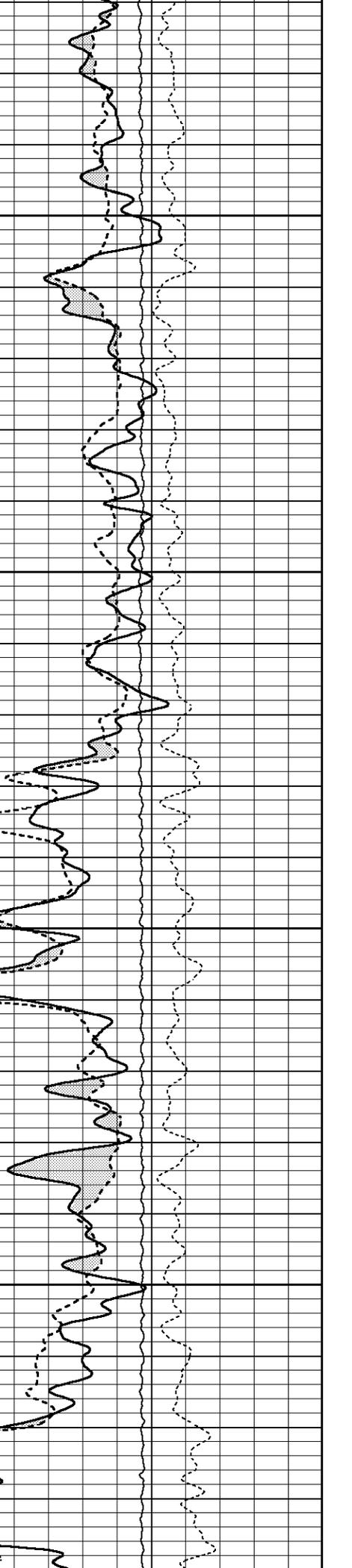
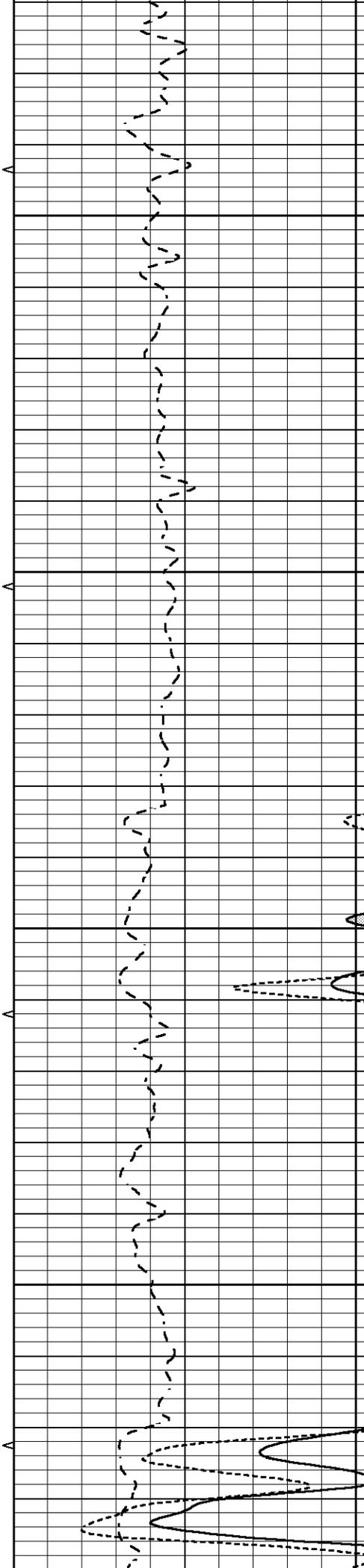


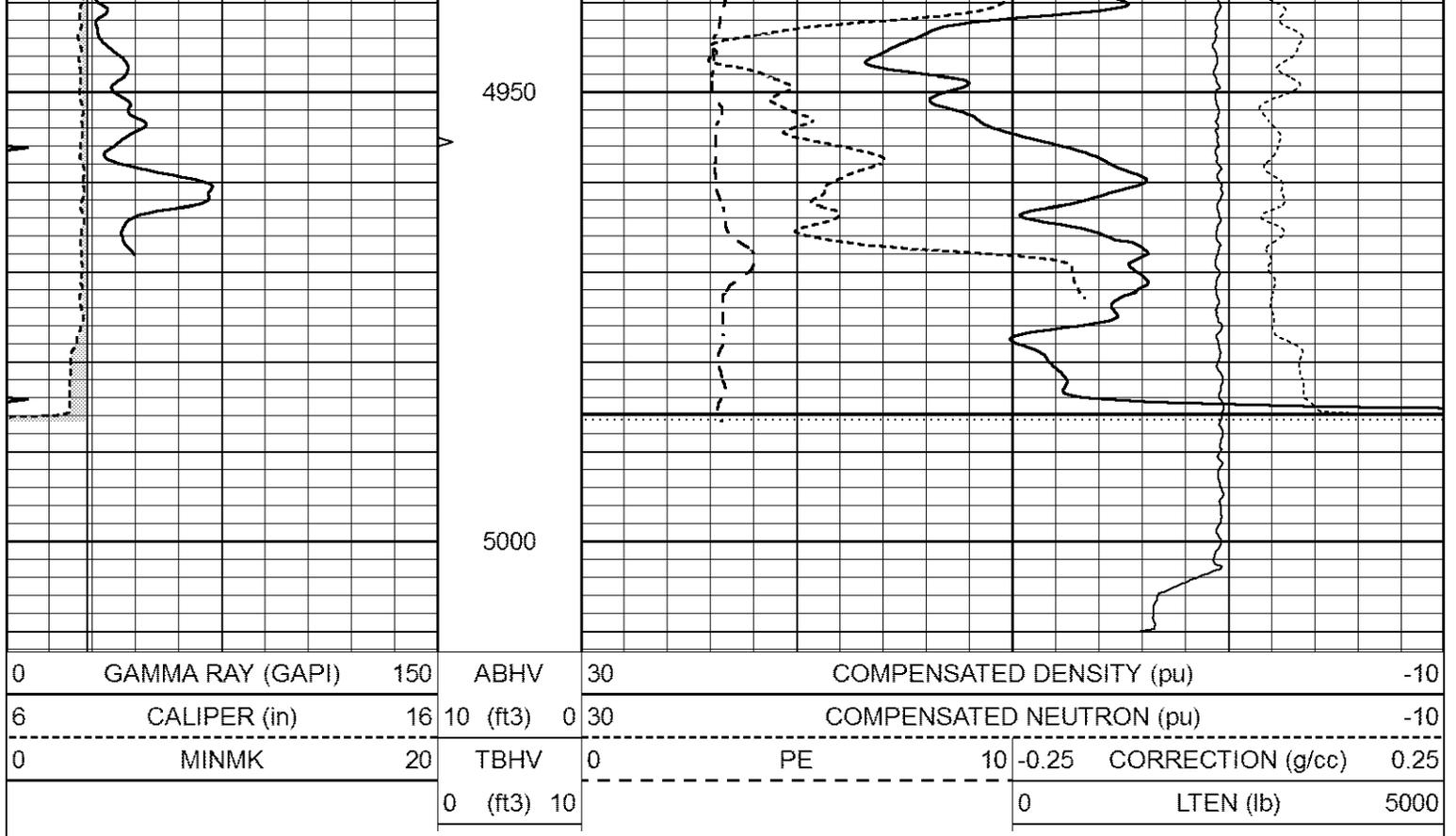
4750

4800

4850

4900





Calibration Report

Database File 7057pe.db
 Dataset Pathname pass4M
 Dataset Creation Thu Dec 21 14:25:30 2023

Dual Induction Calibration Report

Serial-Model: FW1410-55-Probe
 Surface Cal Performed: Sat Jul 29 01:57:42 2023
 Downhole Cal Performed: Tue Feb 19 11:44:24 2019
 After Survey Verification Performed: Tue Feb 19 11:44:27 2019

Surface Calibration

Loop:	Readings				References			Results	
	Air	Loop			Air	Loop		m	b
Deep	0.011	0.656	V	1.000	400.000	mmho/m	565.000	-5.000	
Medium	-0.000	0.731	V	1.000	464.000	mmho/m	530.000	-7.000	
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		

Litho Density Calibration Report
Serial: 003 Model: PRB

Master Calibration

Performed Mon May 22 11:42:00 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
Long Space

cps
cps

pu

pu

POST-SURVEY VERIFICATION

Detector

Readings

Measured

Target

Short Space
Long Space

cps
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