

DUAL INDUCTION LOG

Company TREK AEC, LLC.		Company	TREK AEC, LLC.
Well DUDREY #8-36		Well	DUDREY #8-36
Field UNNAMED		Field	UNNAMED
County PRATT		County	PRATT
State KANSAS		State	KANSAS
Location:		API # : 15-151-22549-0000	Other Services CDL/CNL/PE MEL/SON
Permanent Datum		GROUND LEVEL	Elevation 1859
Log Measured From		KELLY BUSHING 8' A.G.L	K.B. 1867
Drilling Measured From		KELLY BUSHING	D.F. 1865
			G.L. 1859
Date	7/18/22		
Run Number	ONE		
Depth Driller	4825		
Depth Logger	4828		
Bottom Logged Interval	4826		
Top Log Interval	00		
Casing Driller	8 5/8" @ 435		
Casing Logger	435		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 2.000 PPM	
Density / Viscosity	8.7/42		
pH / Fluid Loss	9.5/8.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.30 @ 90F		
Rmf @ Meas. Temp	.975 @ 90F		
Rmc @ Meas. Temp	1.56 @ 90F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.951 @ 123F		
Time Circulation Stopped	3 HOURS		
Time Logger on Bottom	6:30 P.M.		
Maximum Recorded Temperature	123F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	COLE ROBEN		
Witnessed By	DAVID BARKER		

<<< Fold Here >>>

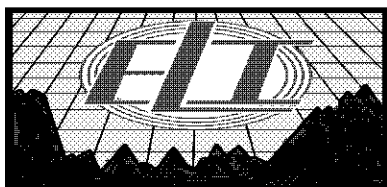
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

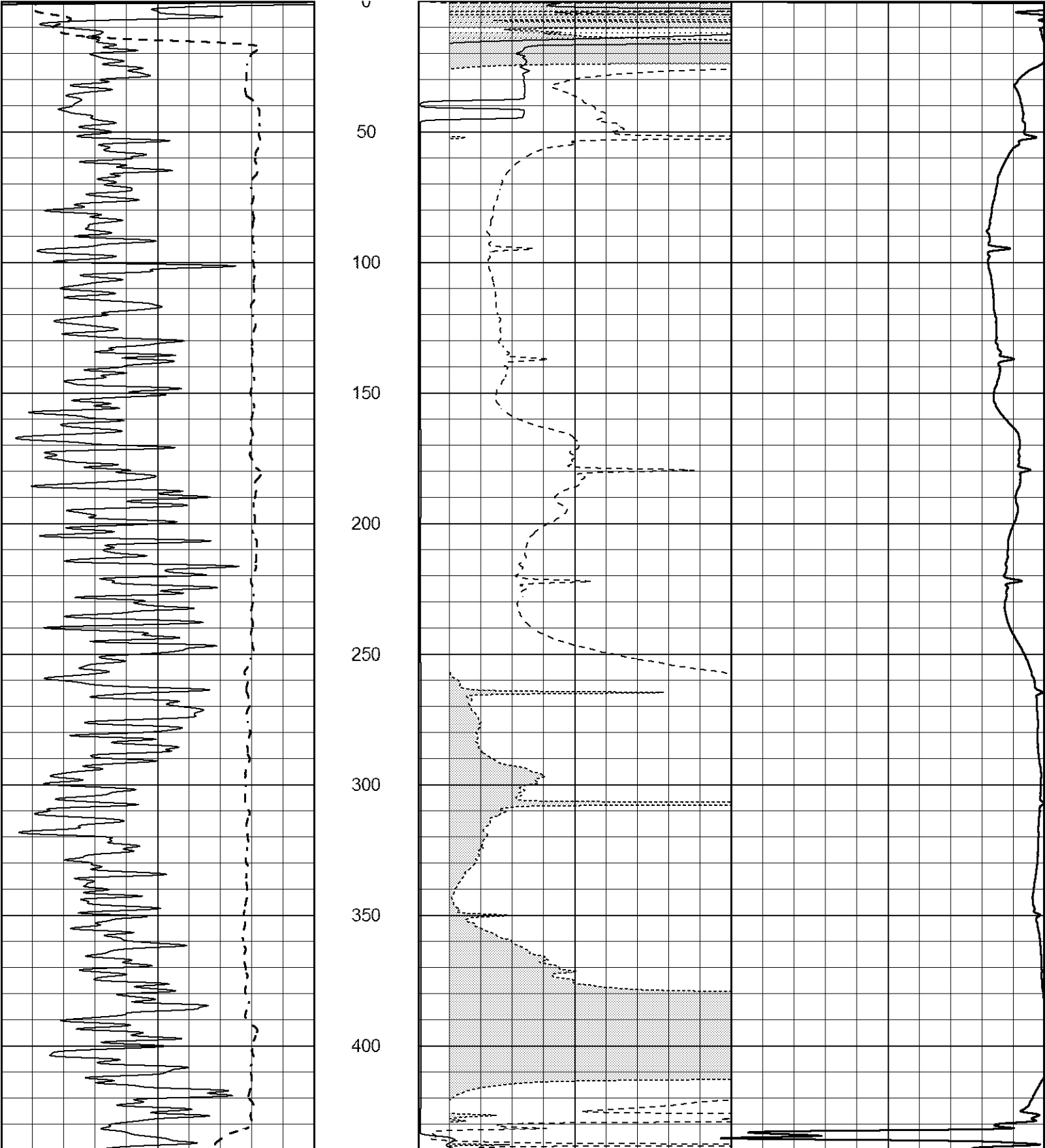
SOUTH OF SAWYER, KANSAS 7 MILES ON HIGHWAY 42, FOLLOW CURVE SOUTH 1 MILE THEN
WEST ONE MILE, SOUTH INTO

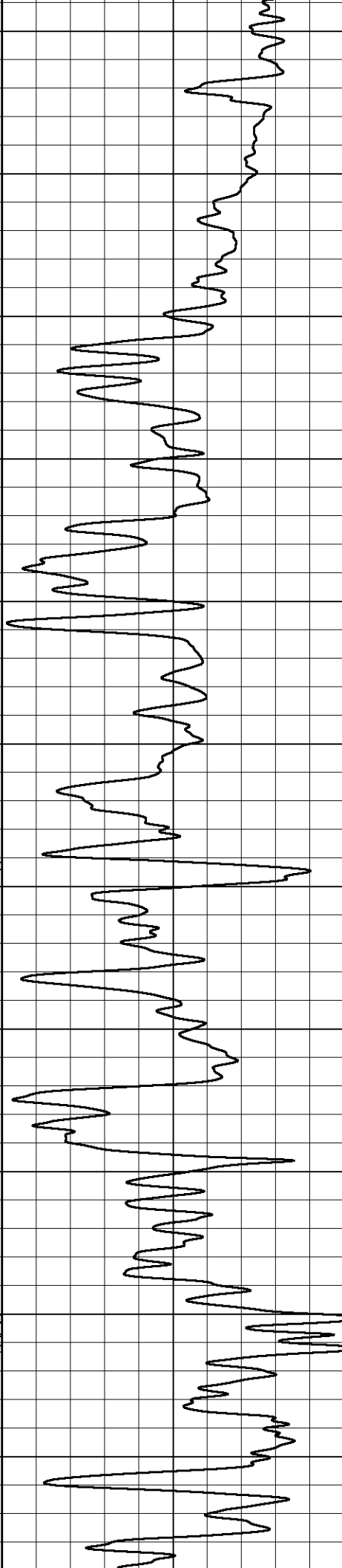
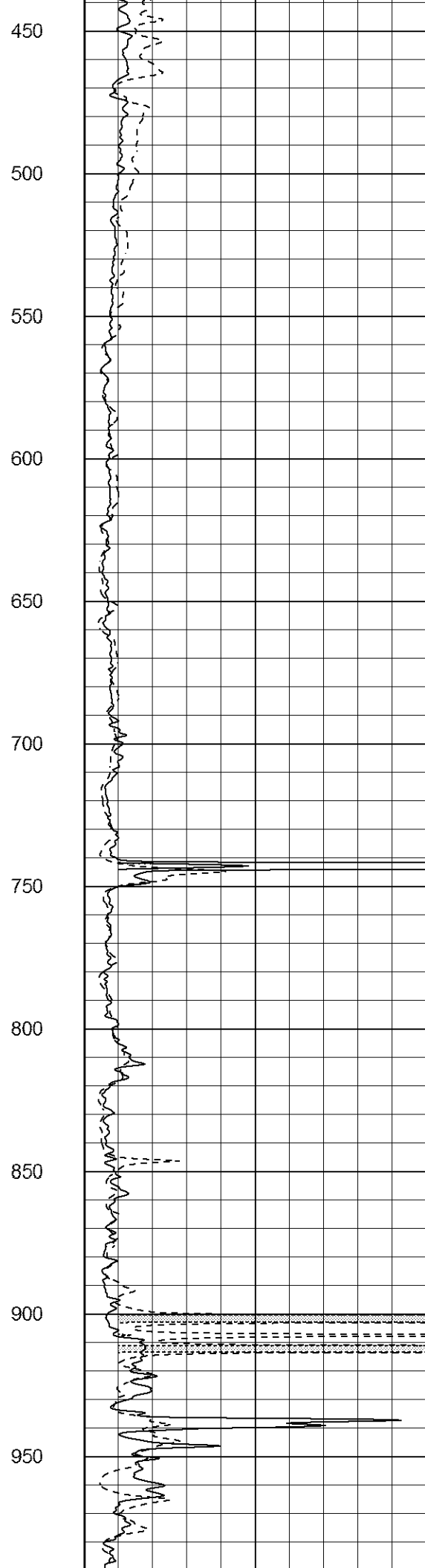
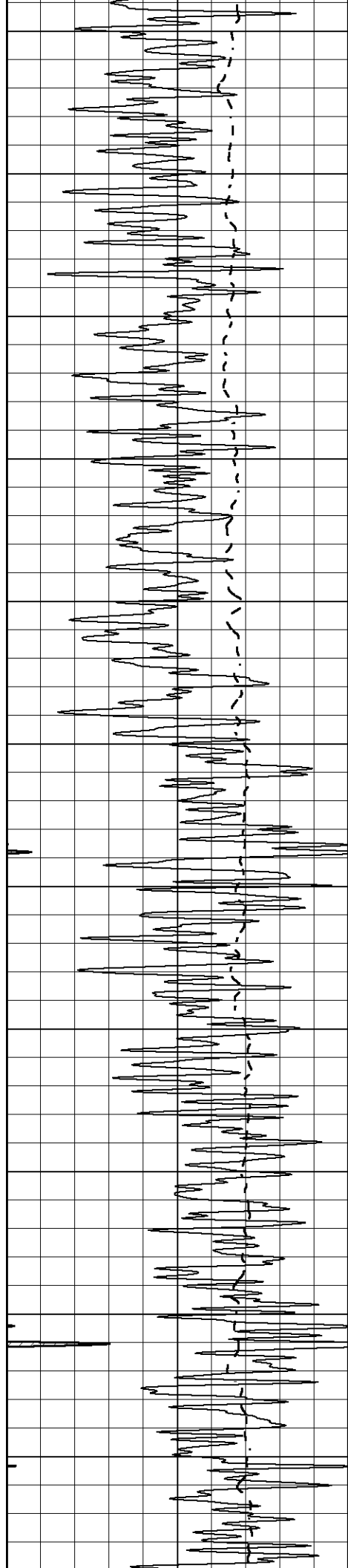


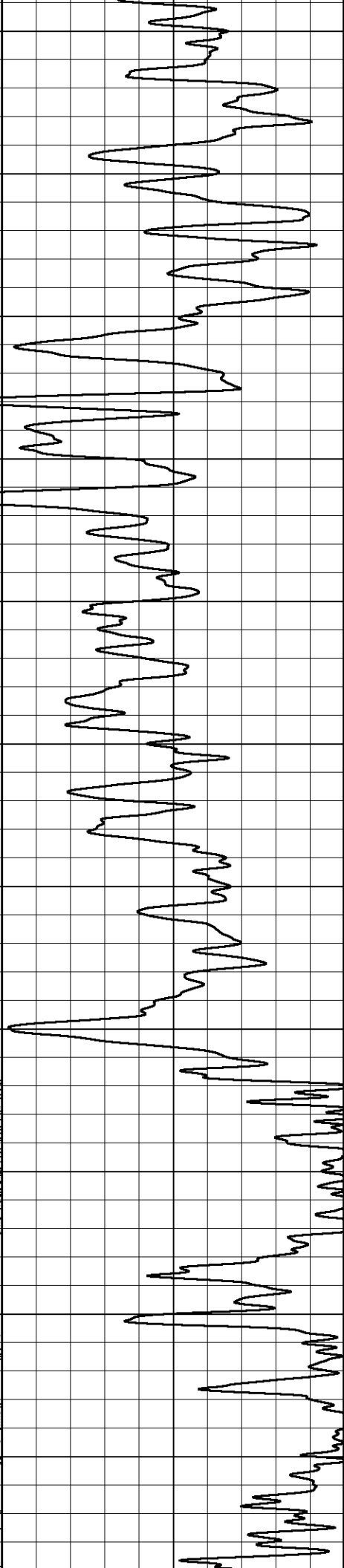
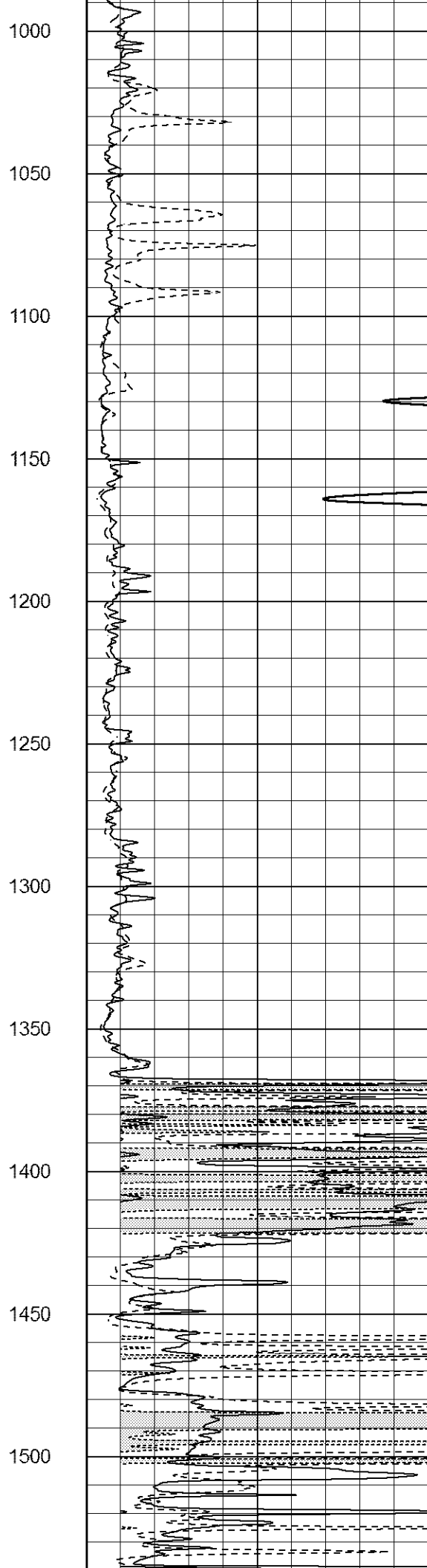
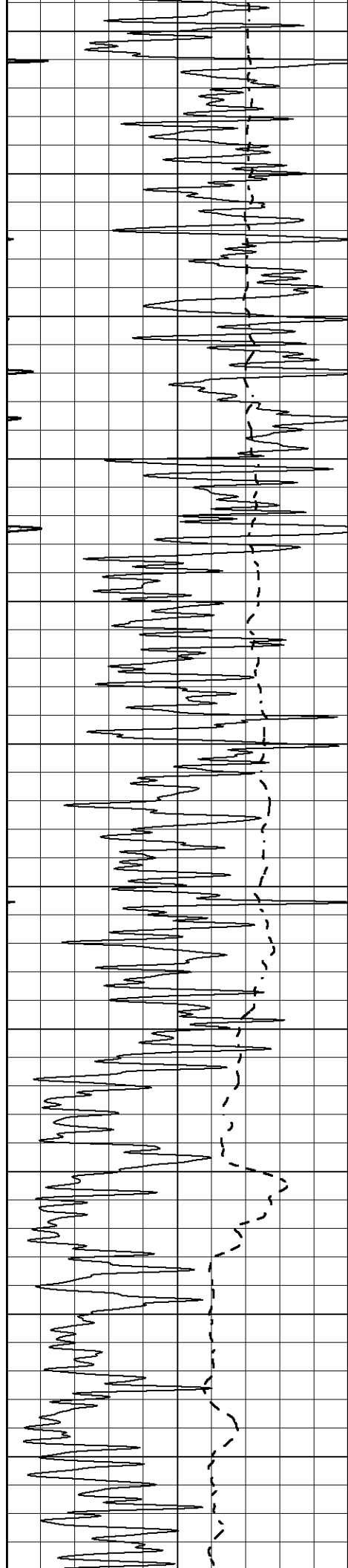
MAIN SECTION

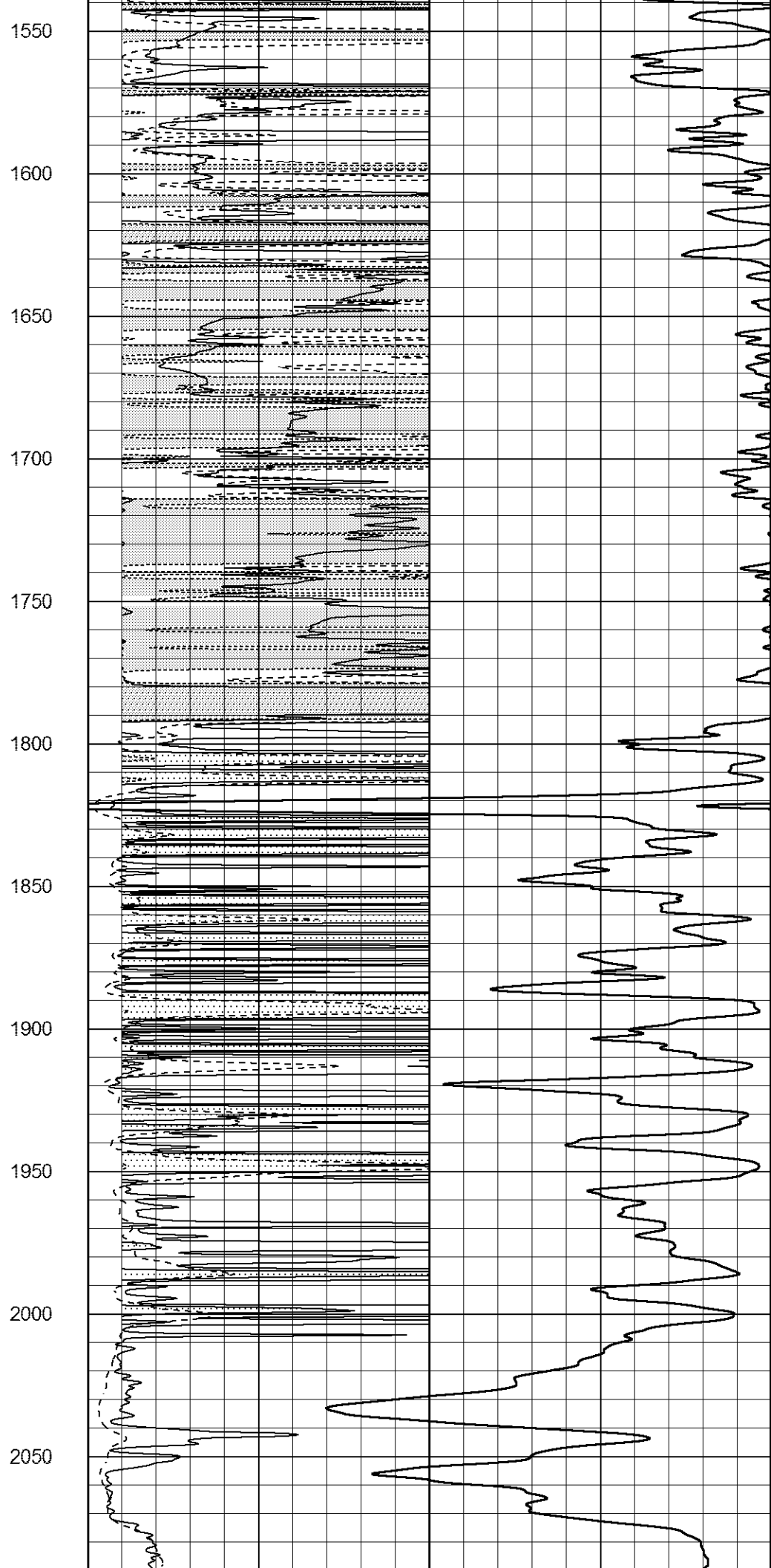
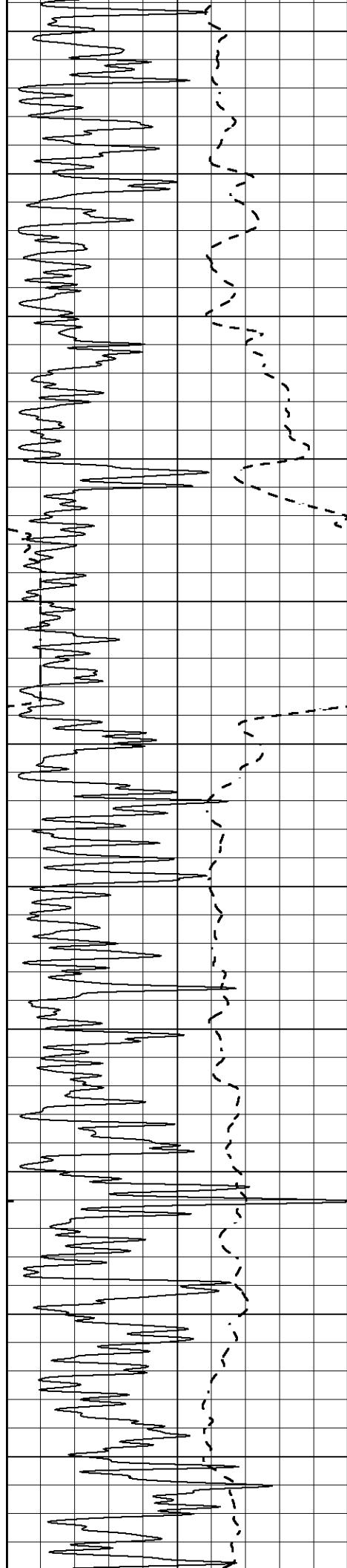
Database File	6759pe.db
Dataset Pathname	pass6MPASS
Presentation Format	_dil2
Dataset Creation	Mon Jul 18 21:02:07 2022
Charted by	Depth in Feet scaled 1:600

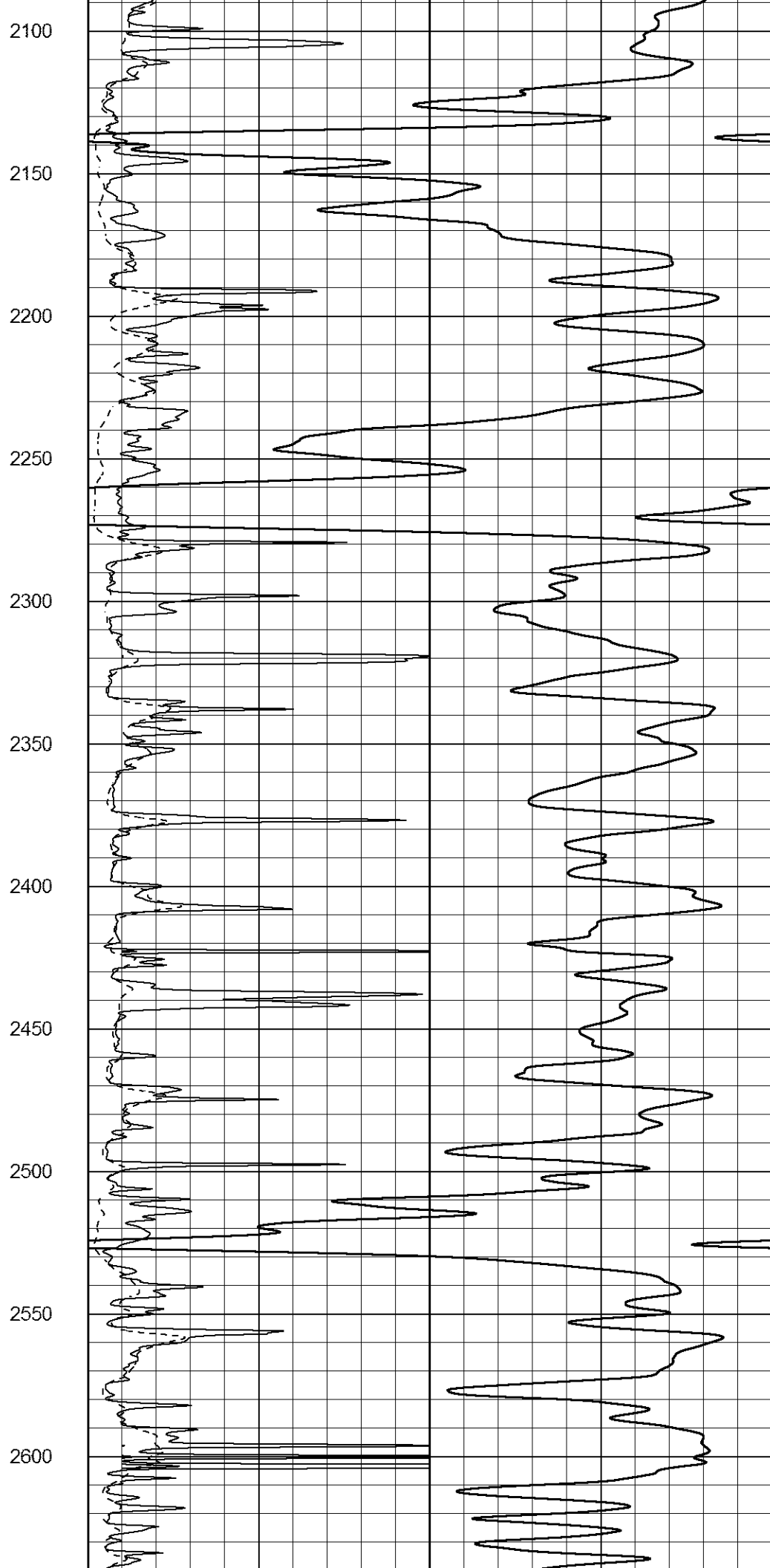
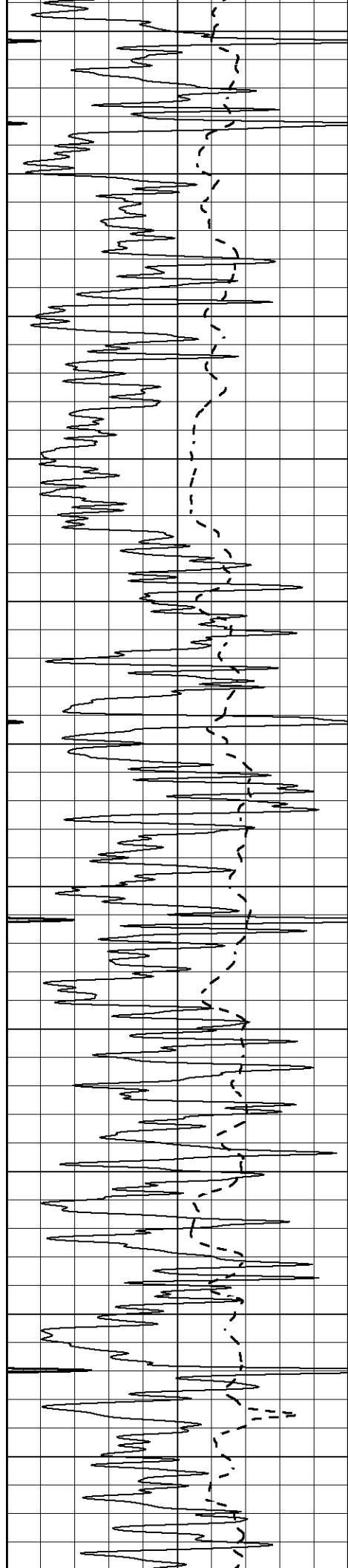
0	Gamma Ray (GAPI)	150	1000	CILD (mmho/m)	0
-100	SP (mV)	100	0	RLL3 (Ohm-m)	50
-----			0	Deep Induction (Ohm-m)	50
			50	RILD X10 (Ohm-m)	500
			50	RLL3 X10 (Ohm-m)	500

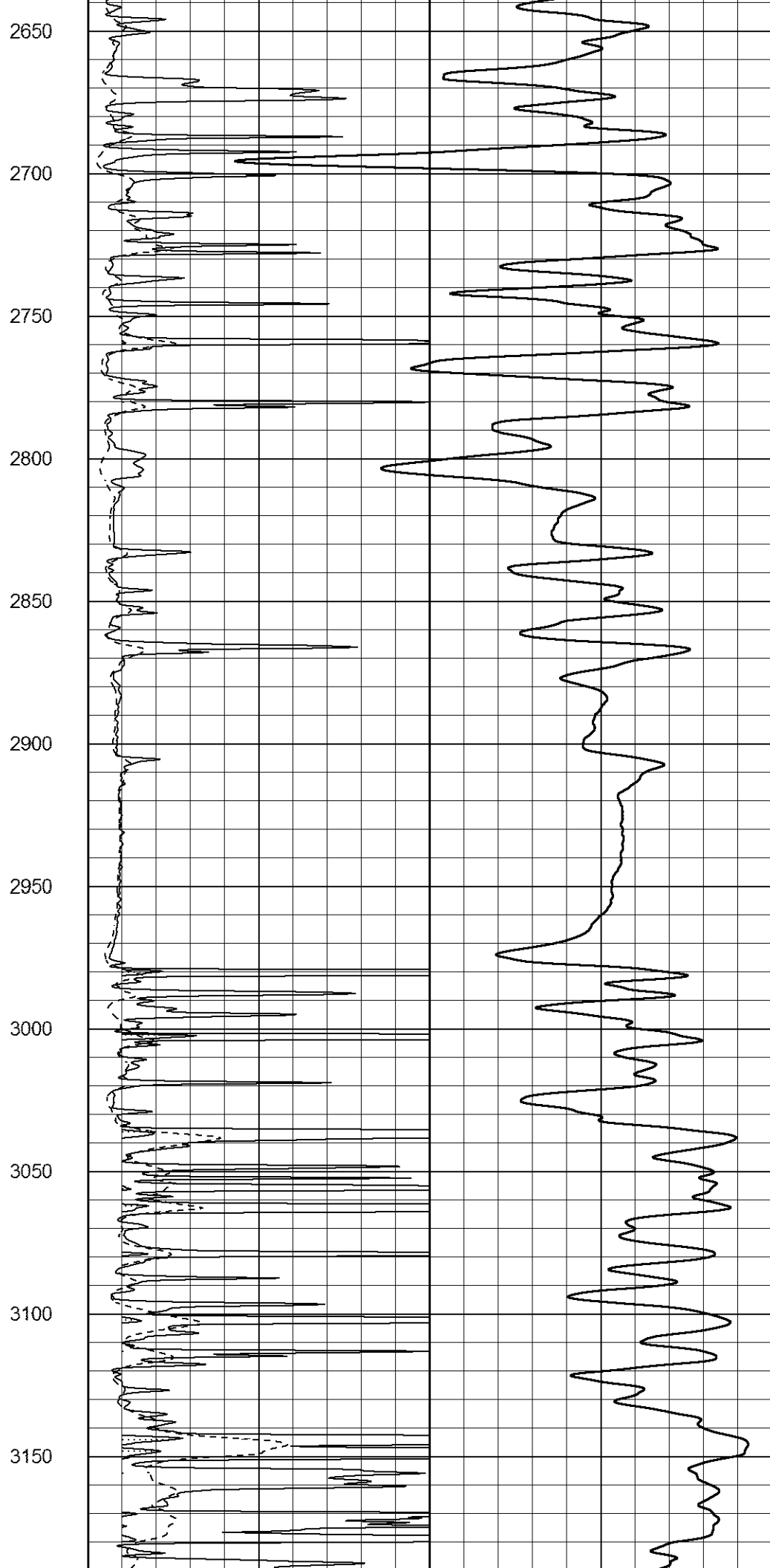
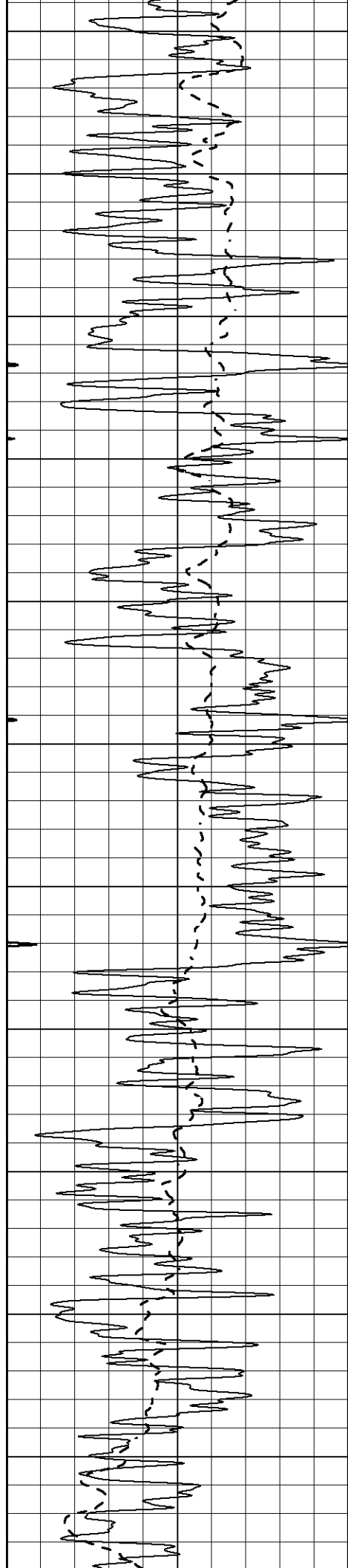


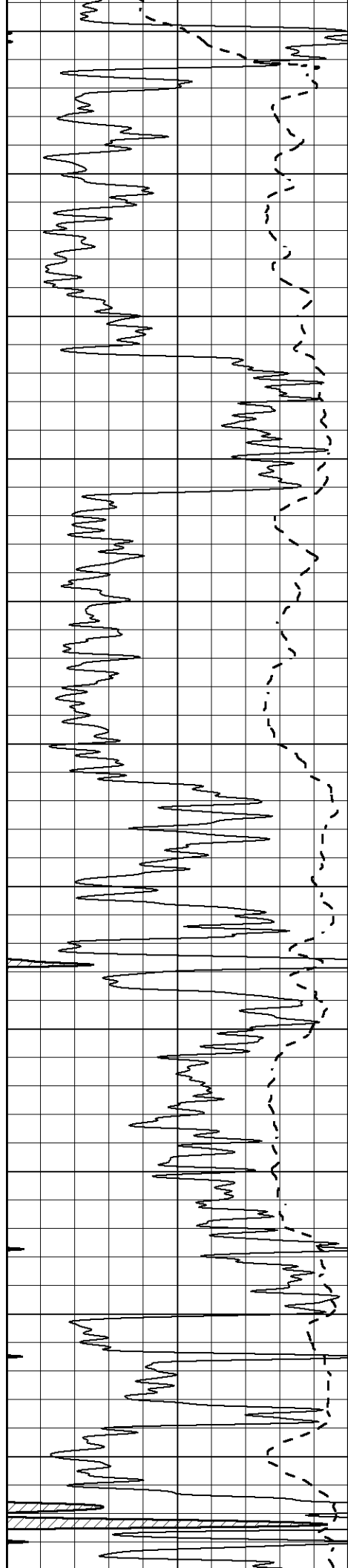












3200

3250

3300

3350

3400

3450

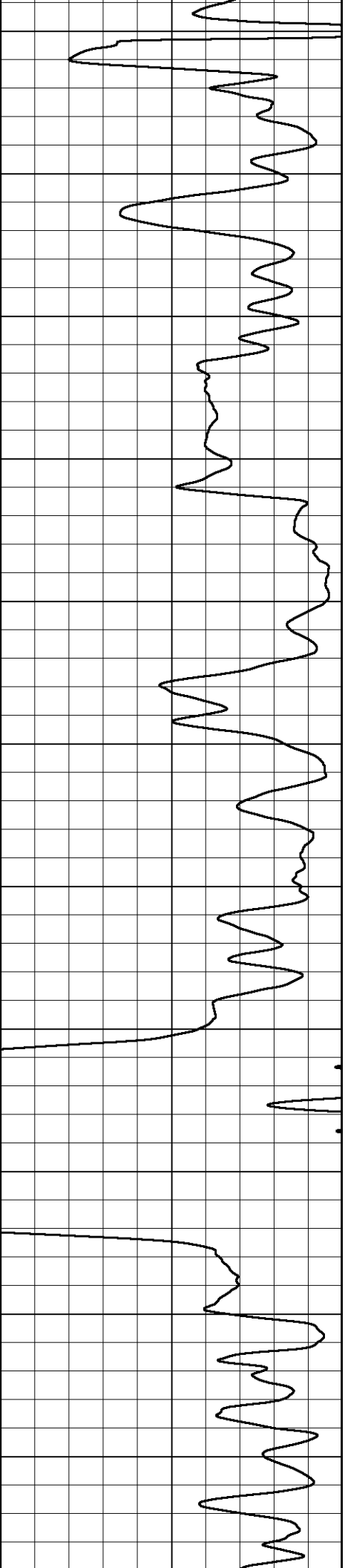
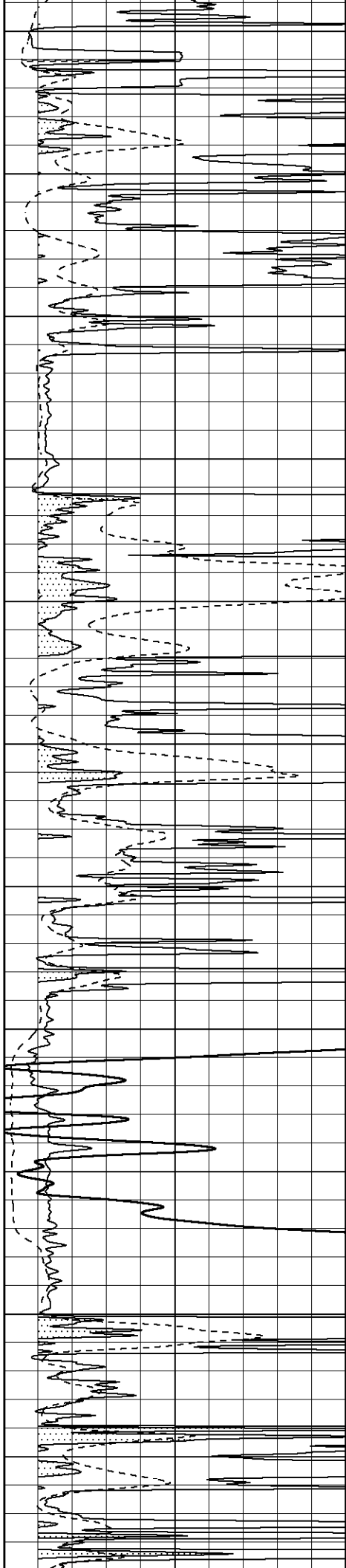
3500

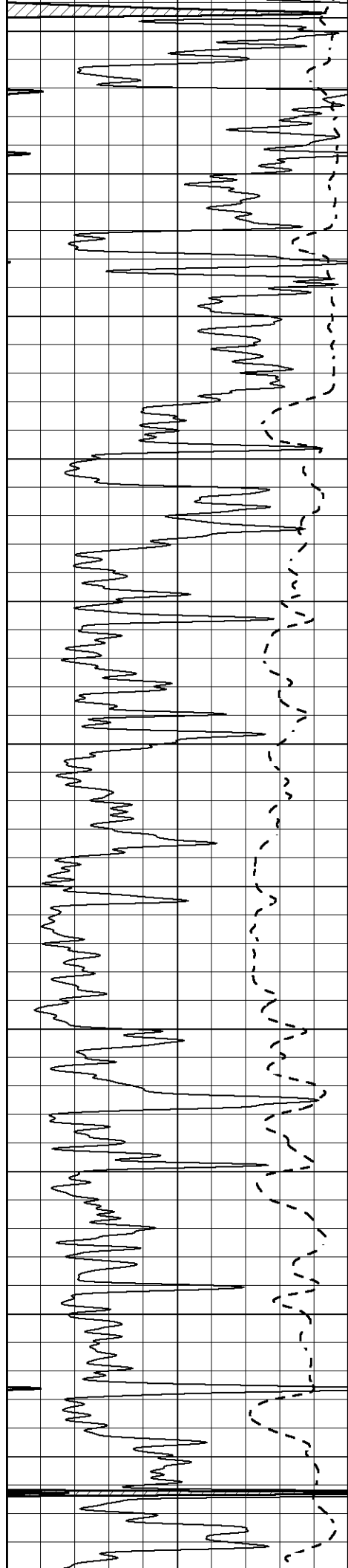
3550

3600

3650

3700





3750

3800

3850

3900

3950

4000

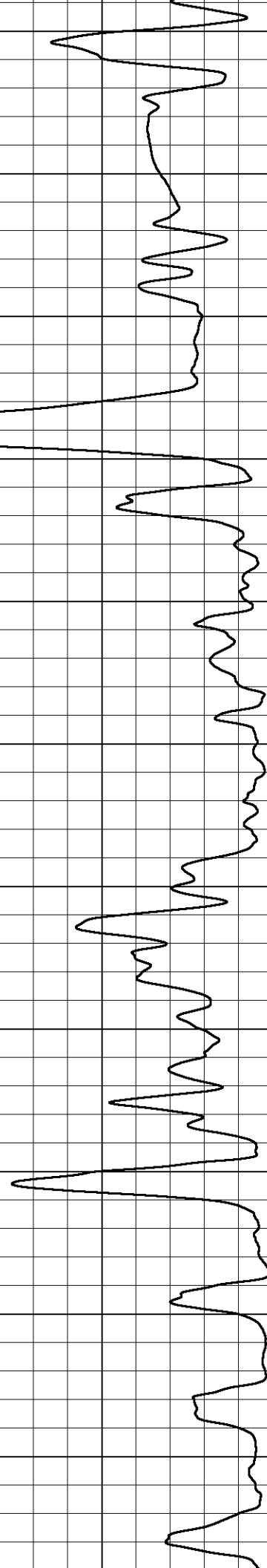
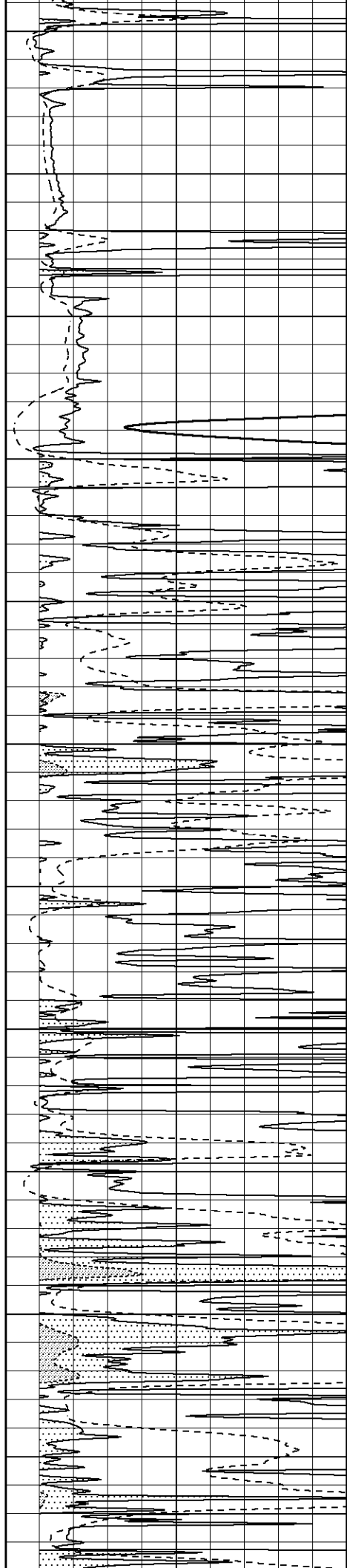
4050

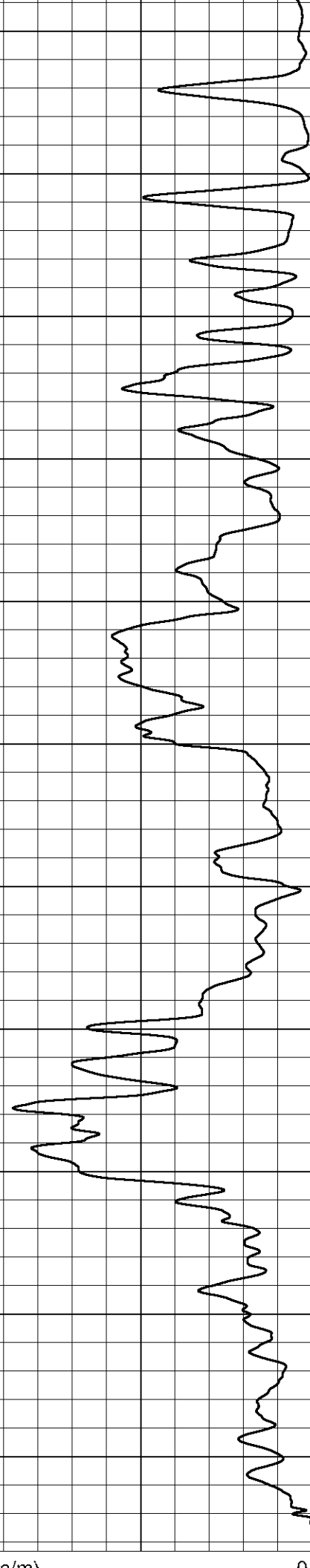
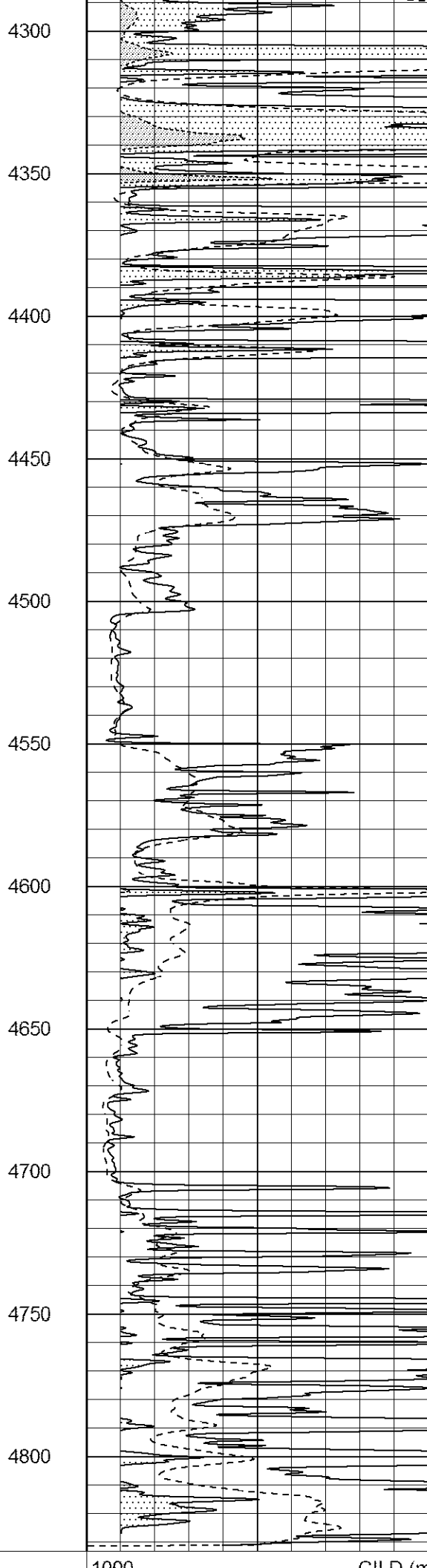
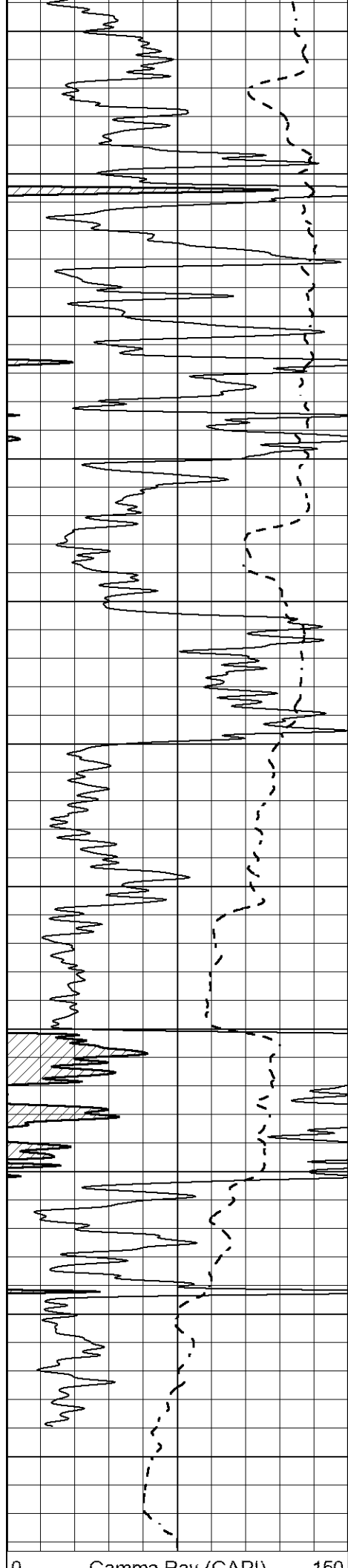
4100

4150

4200

4250





0	GAMMA RAY (GAPI)	100
-100	SP (mV)	100

0	RLL3 (Ohm-m)	50
0	Deep Induction (Ohm-m)	50
50	RILD X10 (Ohm-m)	500
50	RLL3 X10 (Ohm-m)	500

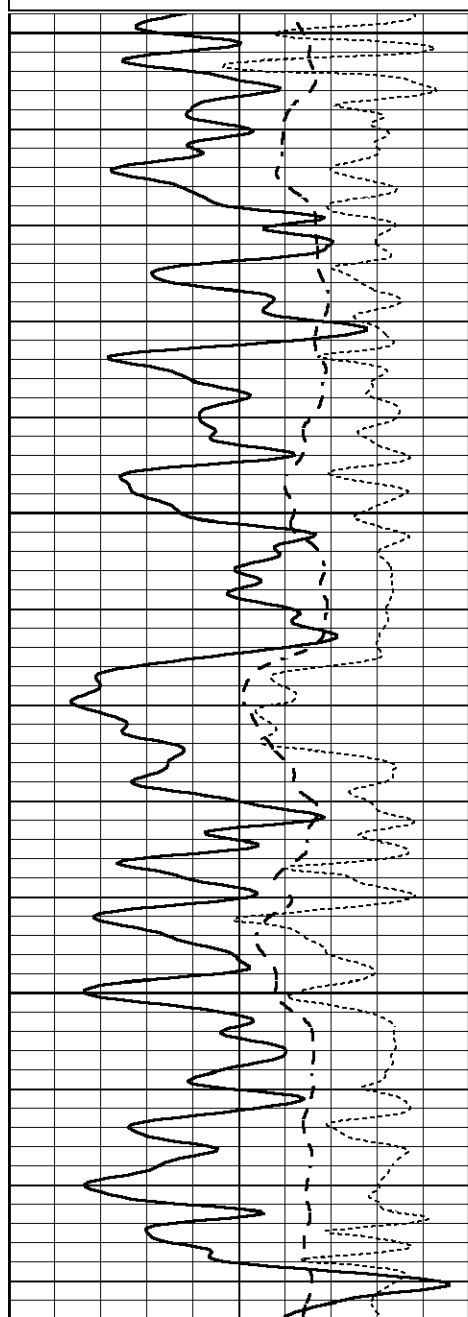


MAIN SECTION

Database File 6759pe.db
 Dataset Pathname pass6MPASS
 Presentation Format _dil
 Dataset Creation Mon Jul 18 21:02:07 2022
 Charted by Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50

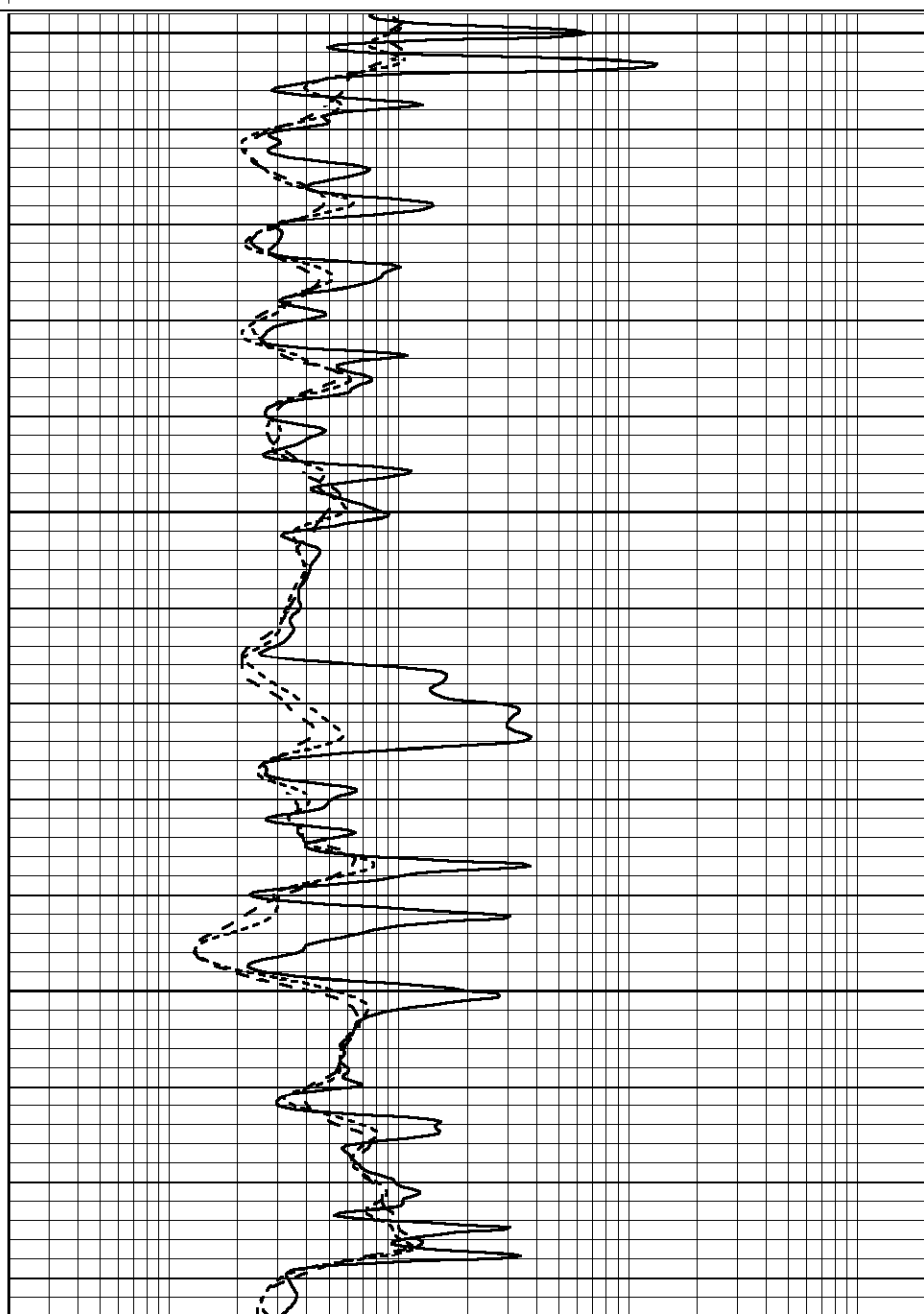
0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000

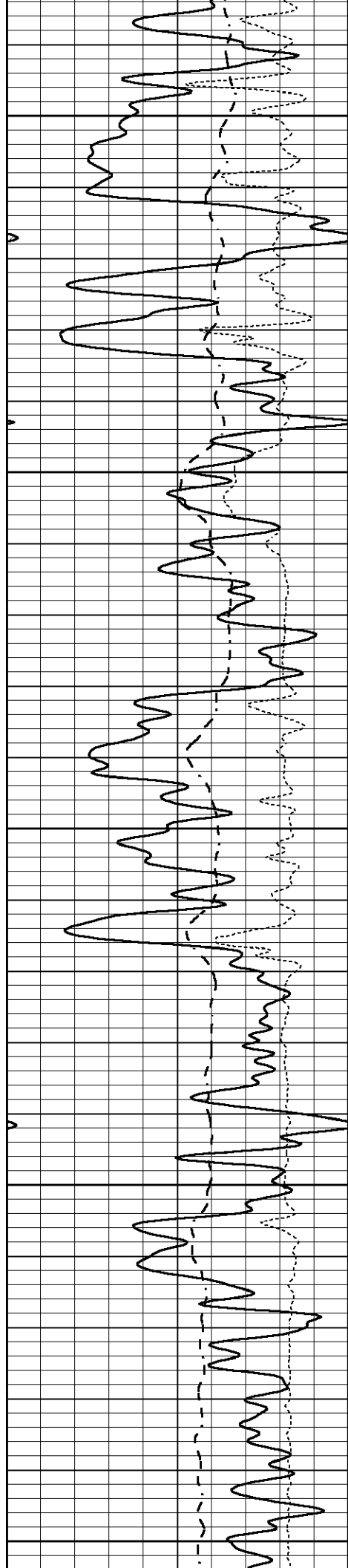


2600

2650

2700





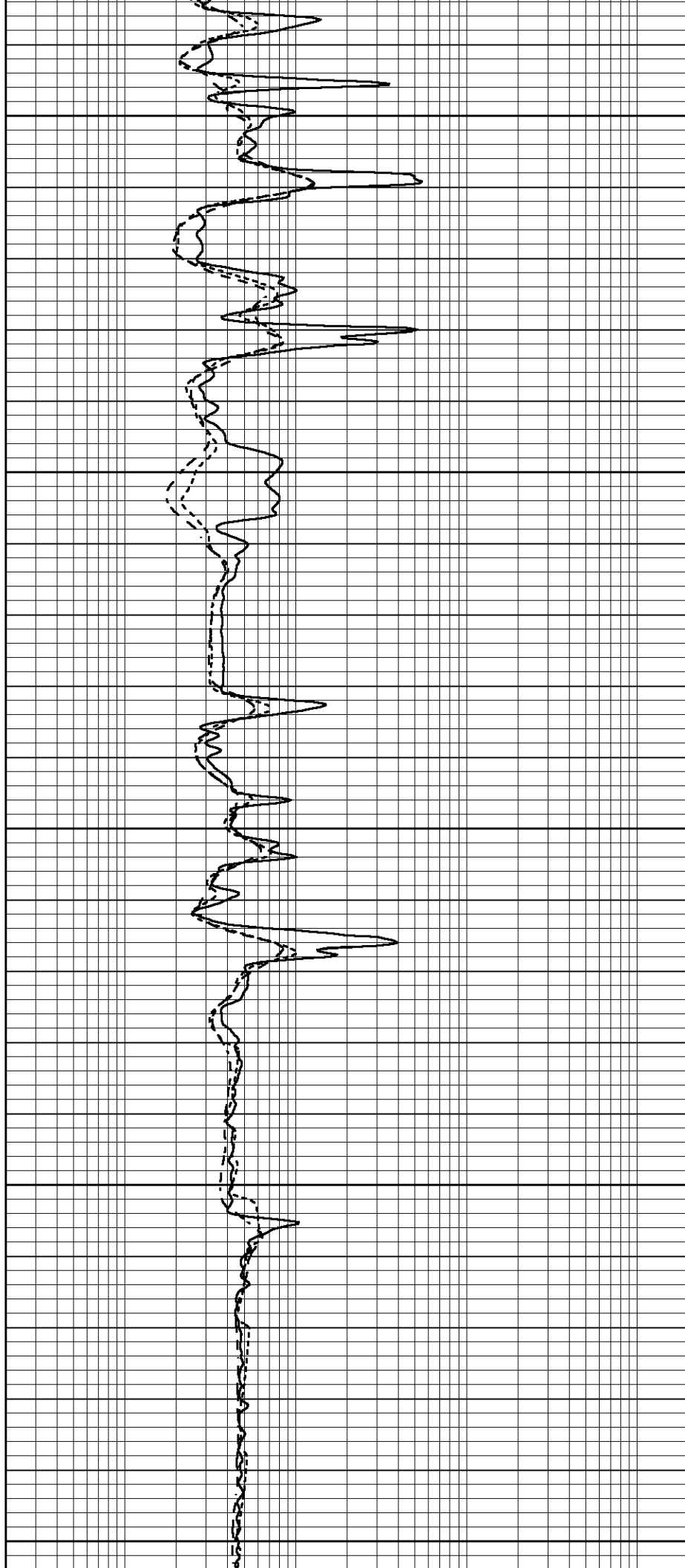
2750

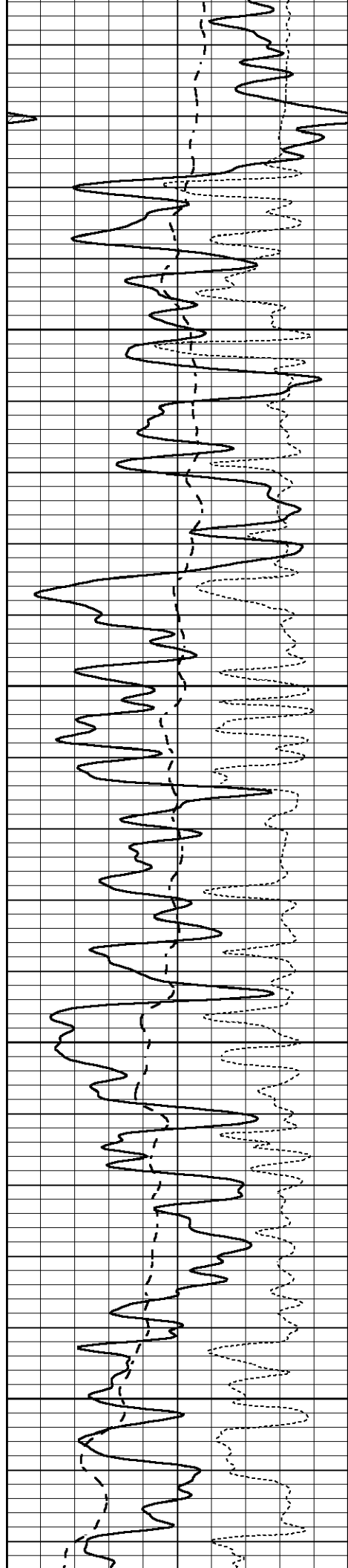
2800

2850

2900

2950



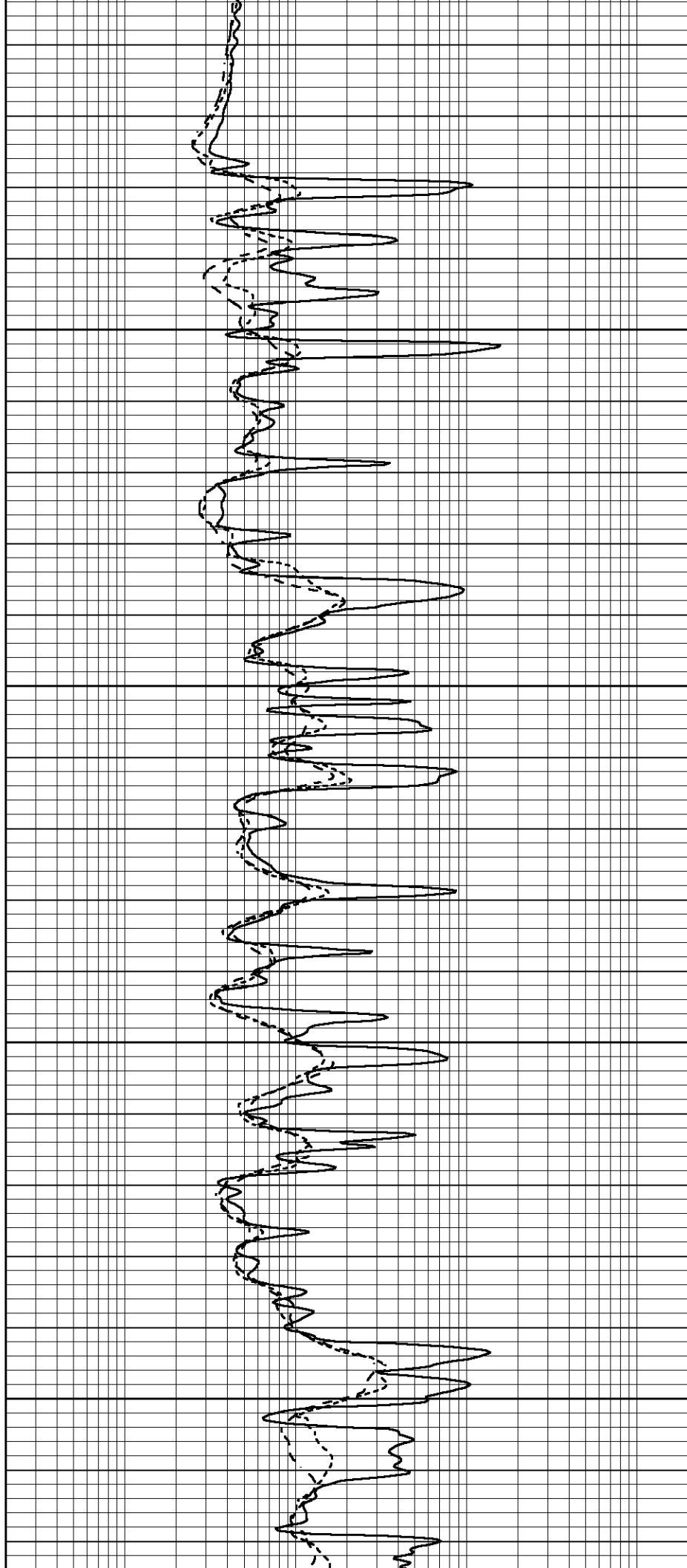


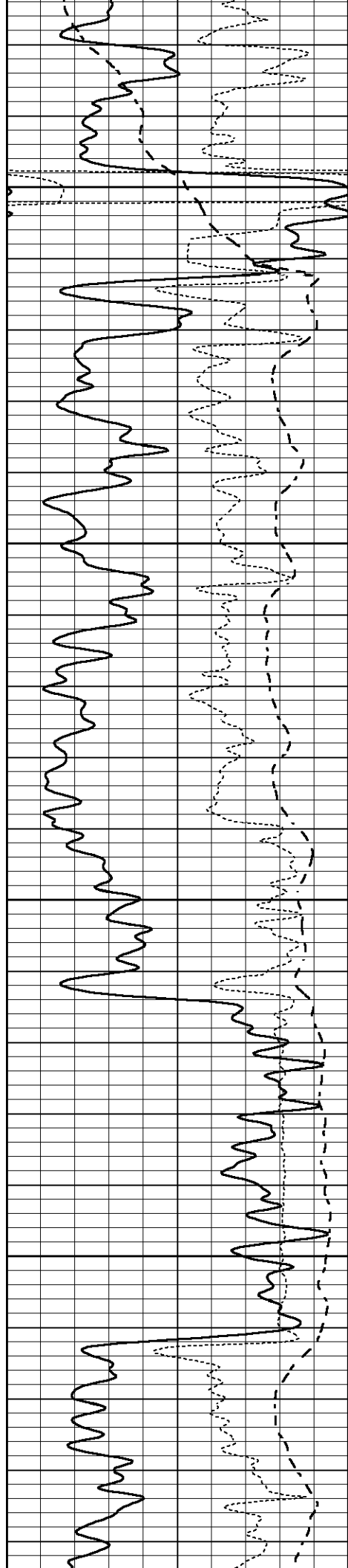
3000

3050

3100

3150



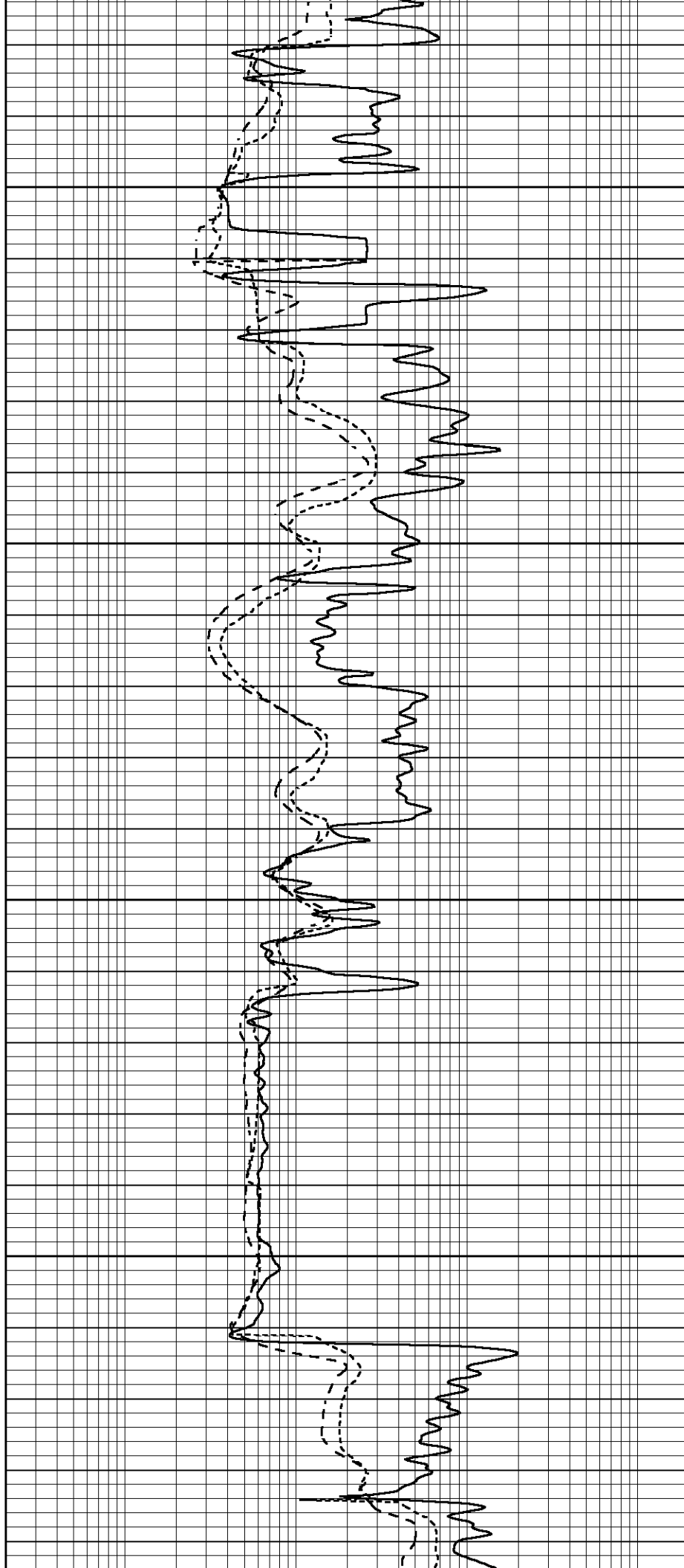


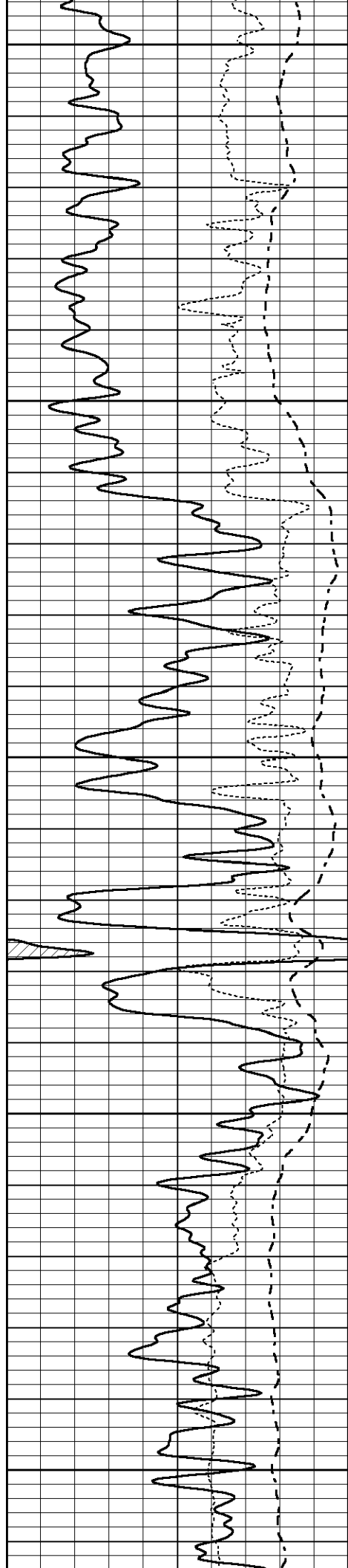
3200

3250

3300

3350





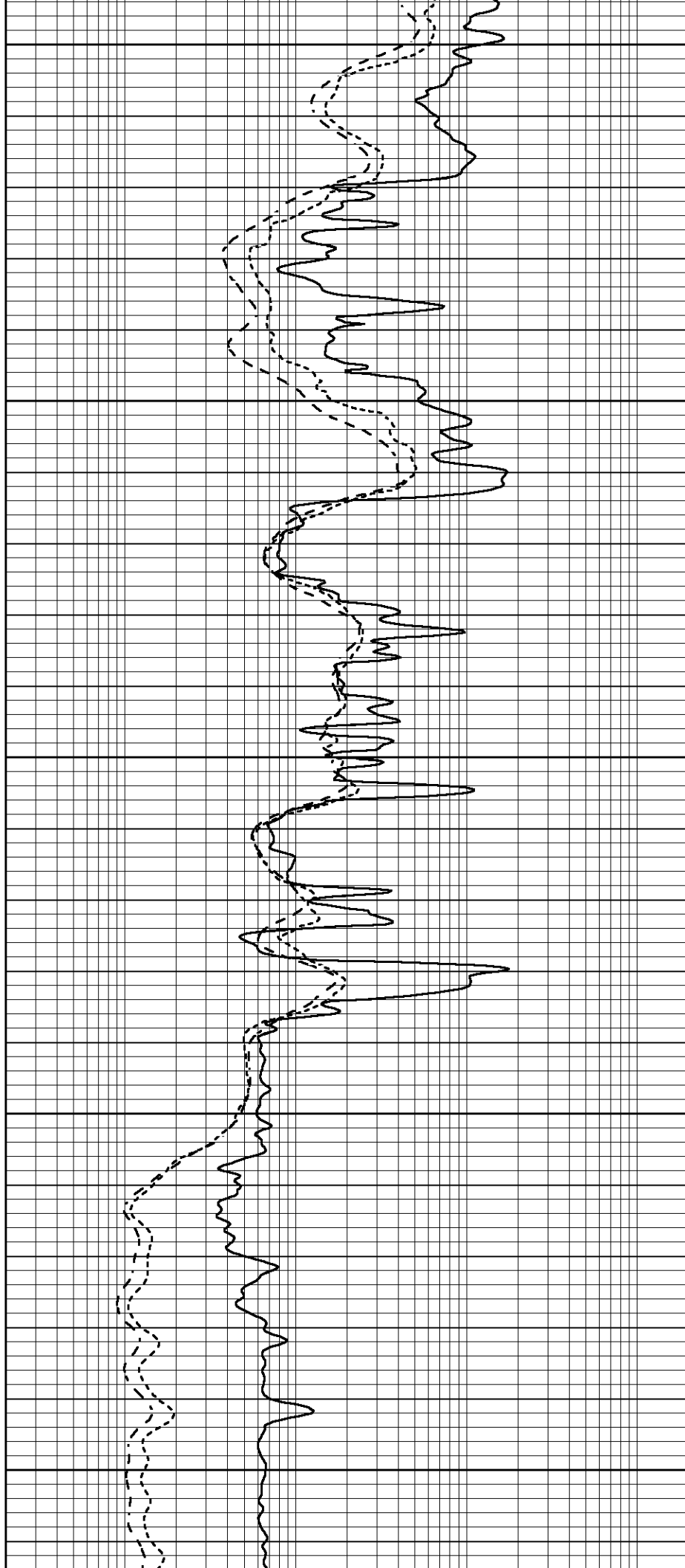
3400

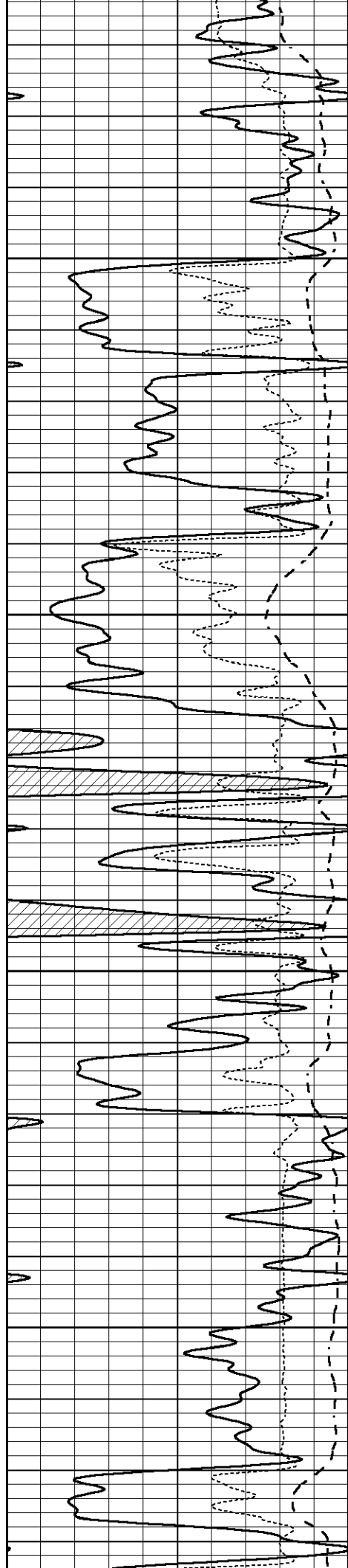
3450

3500

3550

3600



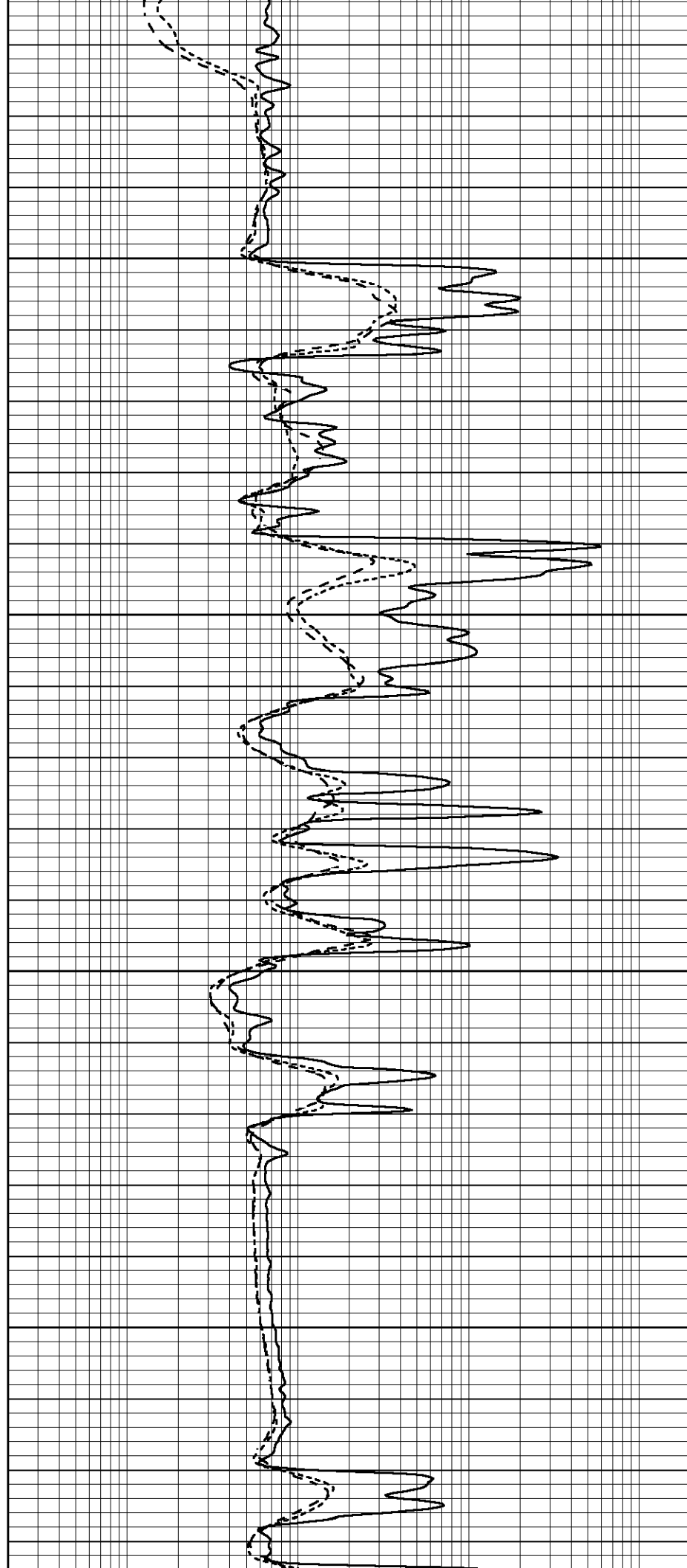


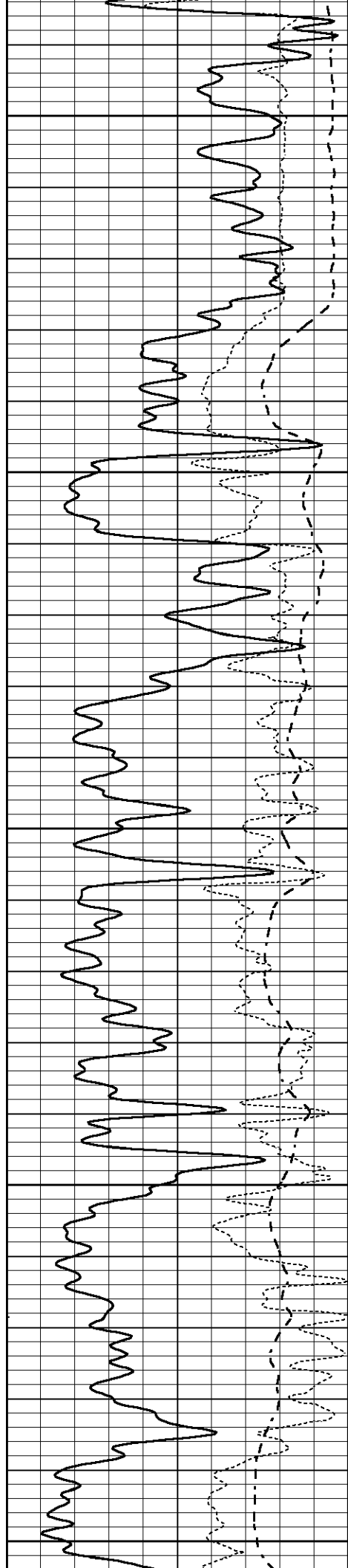
3650

3700

3750

3800





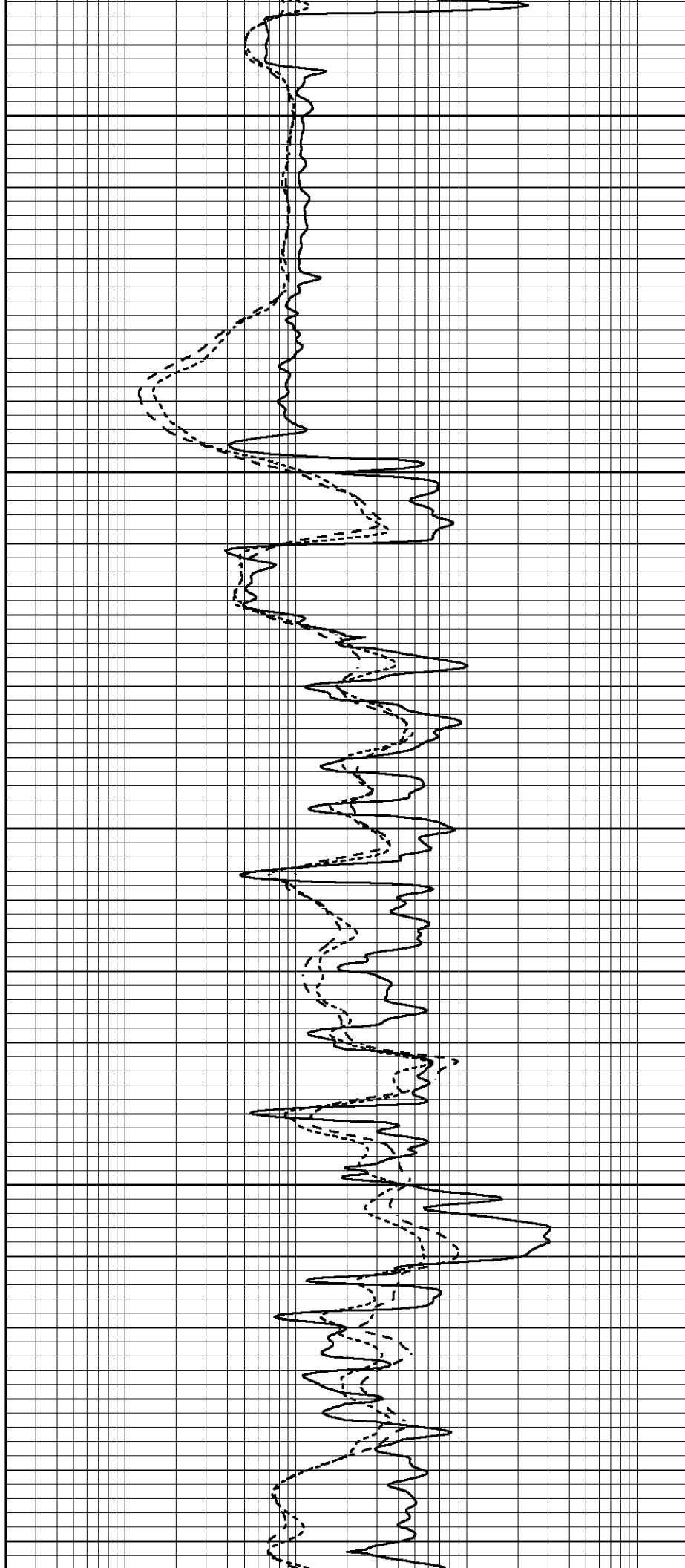
3850

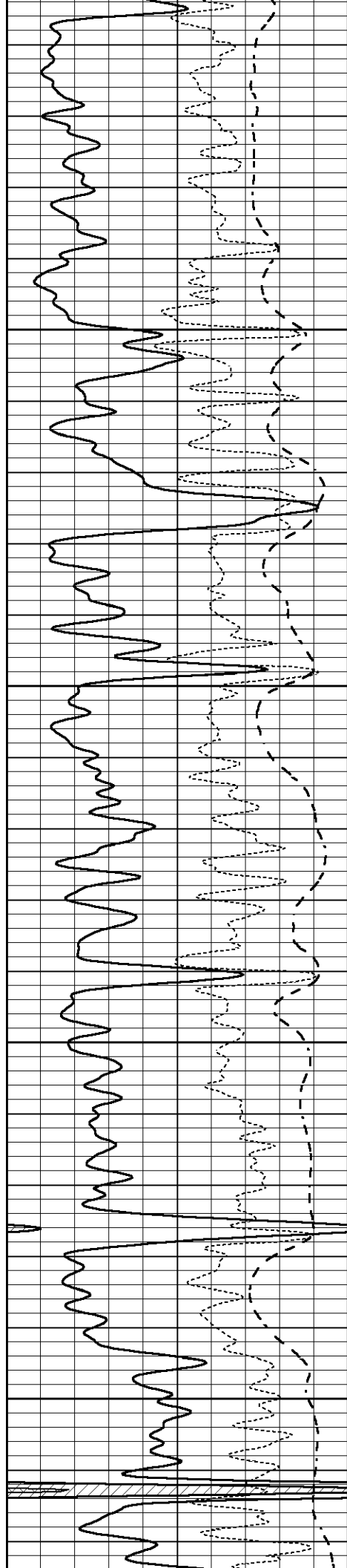
3900

3950

4000

4050



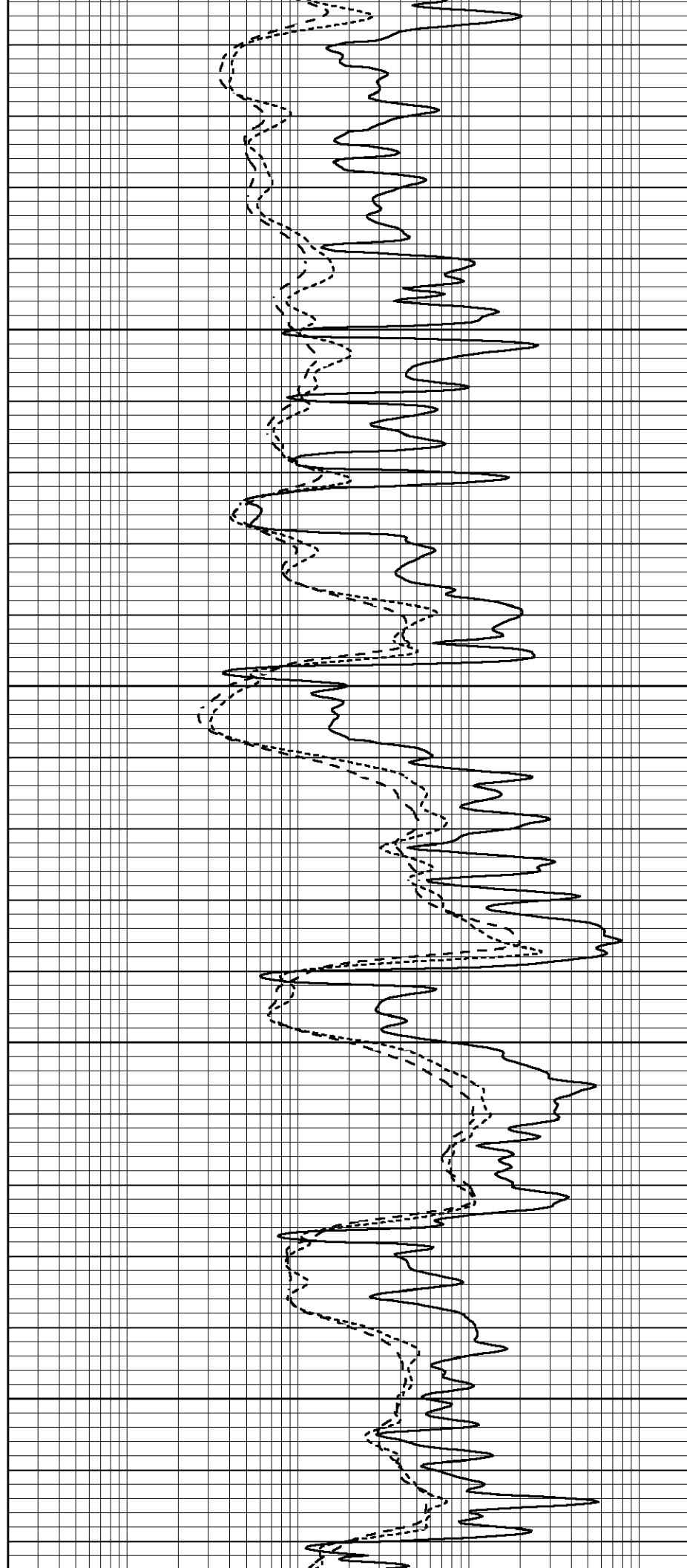


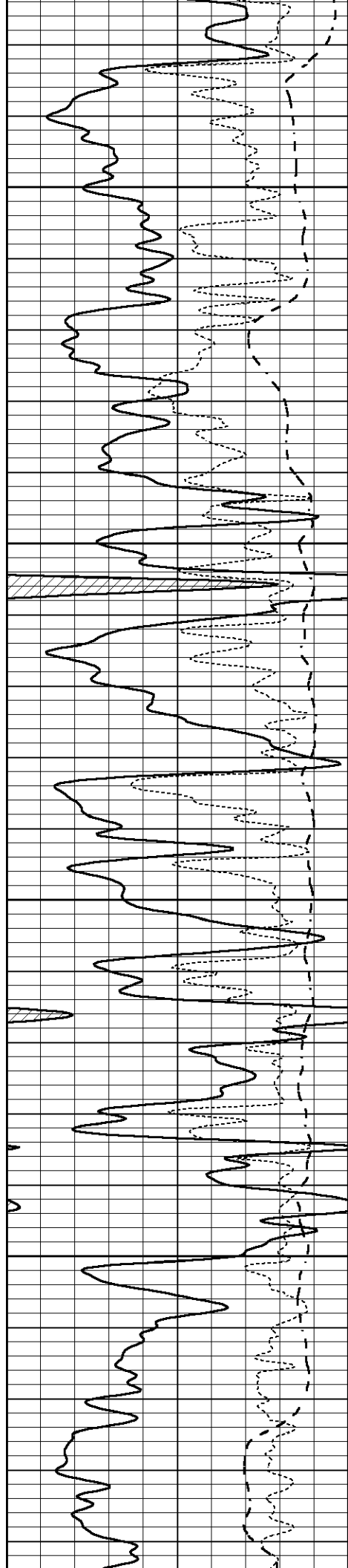
4100

4150

4200

4250



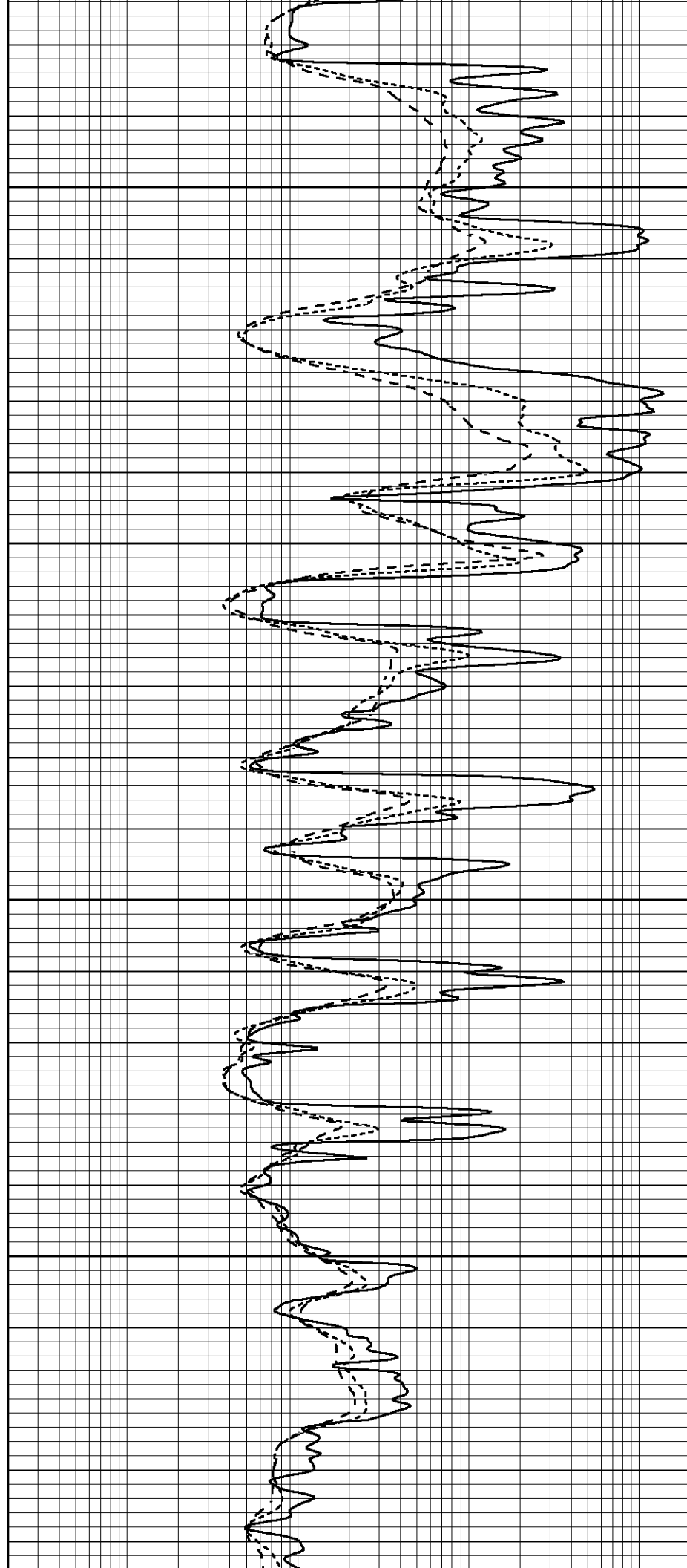


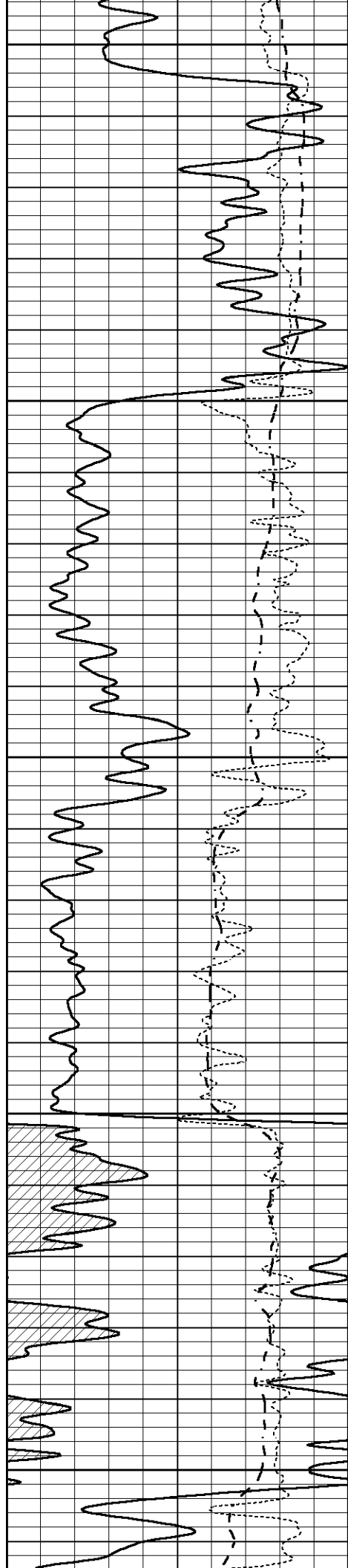
4300

4350

4400

4450





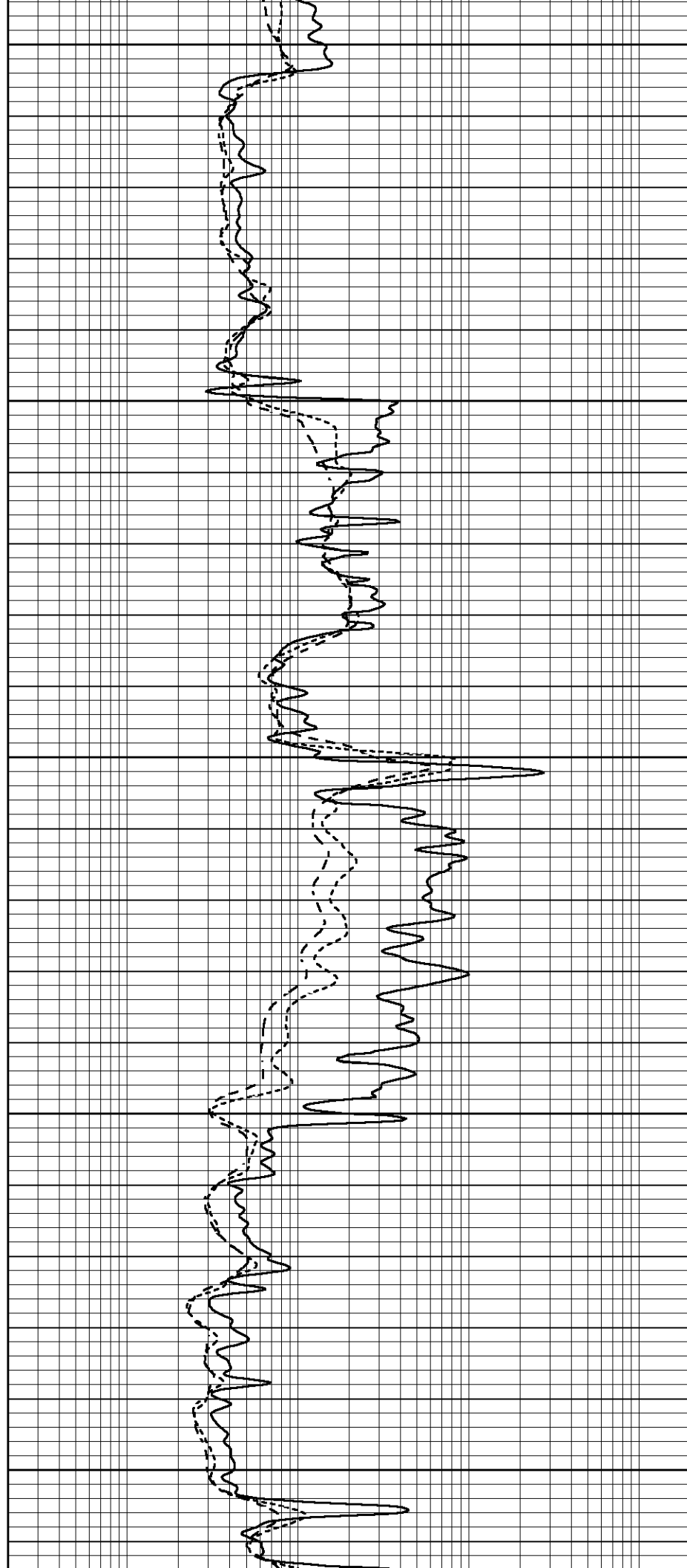
4500

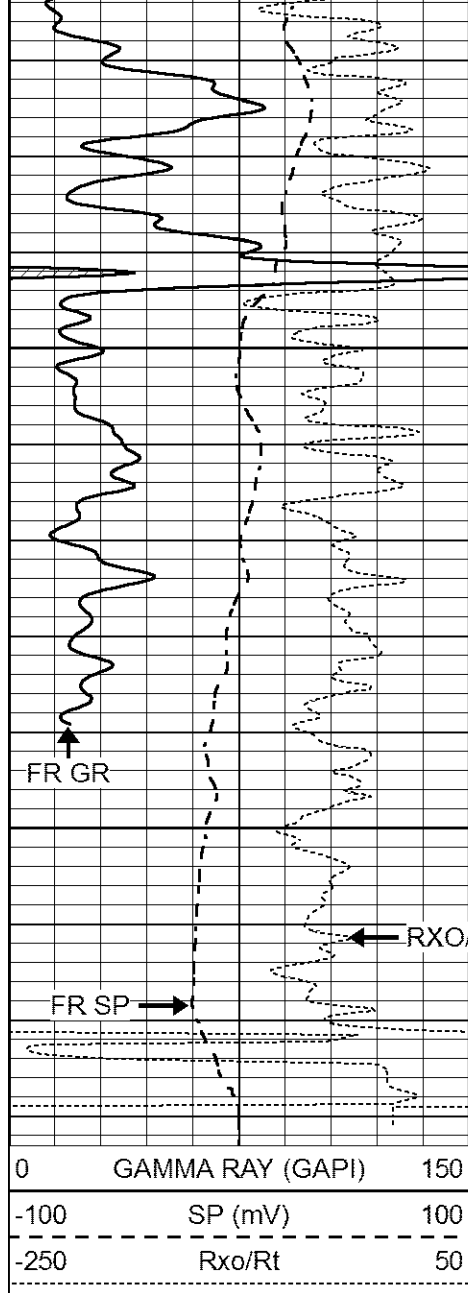
4550

4600

4650

4700

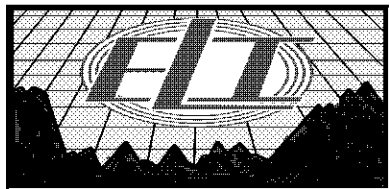
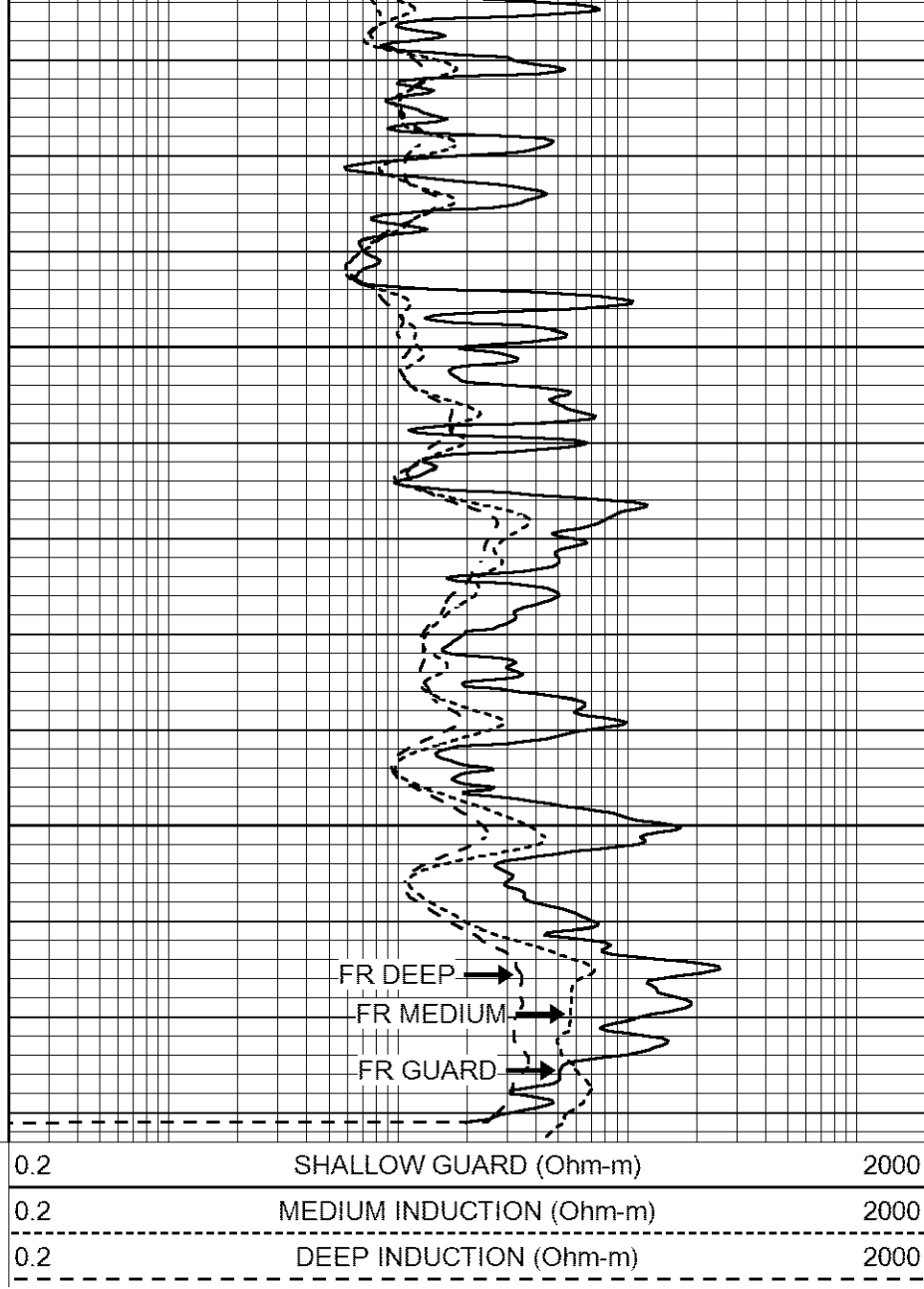




4750

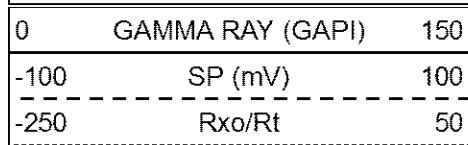
4800

LTD 4828

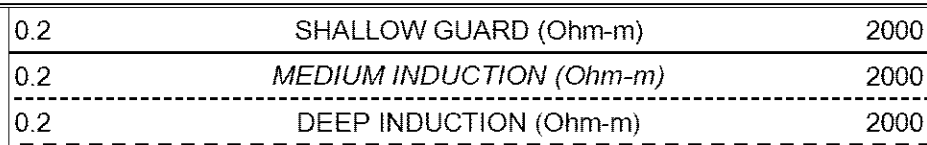


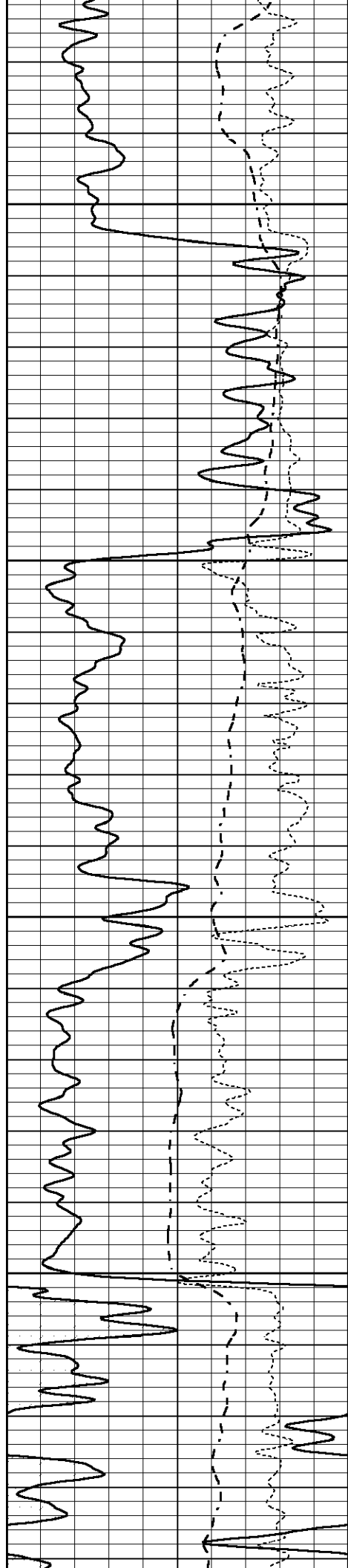
REPEAT SECTION

Database File 6759pe.db
 Dataset Pathname pass5.6
 Presentation Format _dil
 Dataset Creation Mon Jul 18 19:17:55 2022
 Charted by Depth in Feet scaled 1:240



4450



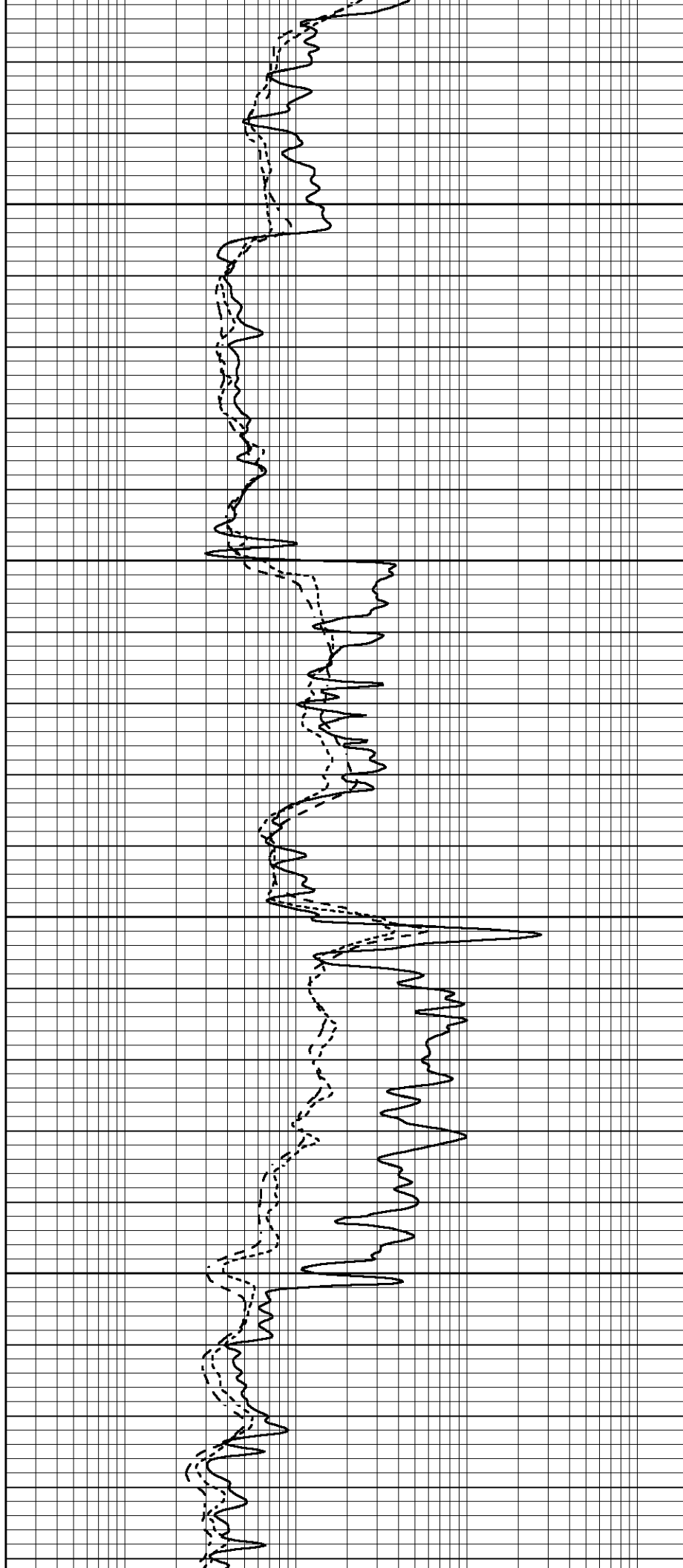


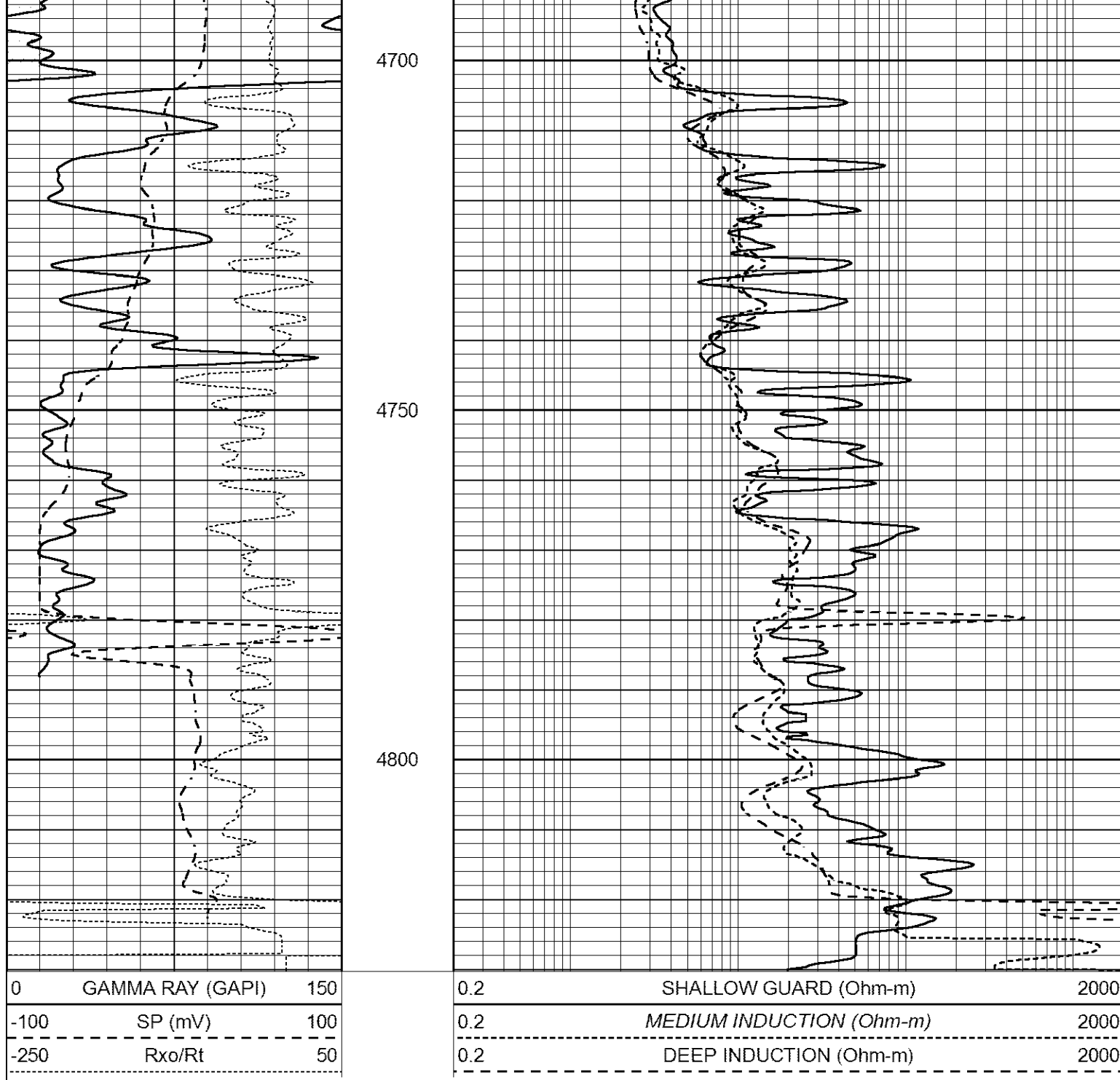
4500

4550

4600

4650





Calibration Report

Database File 6759pe.db
 Dataset Pathname pass6MPASS
 Dataset Creation Mon Jul 18 21:02:07 2022

Dual Induction Calibration Report

Serial-Model: FW1410-56-Probe
 Surface Cal Performed: Tue May 17 12:24:41 2022
 Downhole Cal Performed: Tue Jul 25 12:15:37 2017
 After Survey Verification Performed: Tue Jul 25 12:15:38 2017

Surface Calibration

Readings			References			Results		
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.008	0.765	V	1.000	400.000	mmho/m	420.000	-2.000

Medium	-0.056	0.761	V	1.000	464.000	mmho/m	420.000	130.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.005	0.624	V	0.000	400.000	mmho/m	645.611	-3.034
Medium	0.012	0.721	V	0.000	464.000	mmho/m	653.591	-7.532
Downhole Calibration								
	Readings			References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	-0.647	301.329	mmho/m	-0.780	336.378	mmho/m	1.117	-0.058
Medium	38.256	411.013	mmho/m	39.046	441.706	mmho/m	1.080	-2.280
LL3		7.471	V		2500.000	Ohm-m		
		0.001	V		20.000	Ohm-m		
		-7.085	V		4000.000	mmho-m		
After Survey Verification								
	Readings			Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	-0.647	301.329	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	38.256	411.013	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: 005				Model: Litho_Ver3				
Master Calibration								
				Performed Fri May 13 13:54:38 2022				
	Background		Magnesium	Aluminum		Aluminum+Fe		
Window 1	1363.1		46477.8	11515.9		9589.9		
Window 2	1239.4		36488.4	9270.1		7998.9		
Window 3	1044.3		20488.1	5500.7		4913.3		
Window 4	315.7		358.7	321.5		319.5		
Long Space	0.0		35249.0	8030.7		6759.4		
Short Space	1.4		9675.7	6523.4		5391.9		
Rho			1.7100	2.5900		0.0000		
Pe			2.0000	2.7500		5.7900		
Rib Angle	: 45.1		Rib Slope	: 1.003		Density/Spine Ratio		
Spine Angle	: 75.1		Spine Slope	: 3.752		Spine Intercept		
Before Survey Verification								
				Performed Wed Dec 31 18:00:00 1969				
Window 1	0.0		0.0	0.0		0.0		
Window 2	0.0		0.0	0.0		0.0		
Window 3	0.0		0.0	0.0		0.0		
Window 4	0.0		0.0	0.0		0.0		
Long Space	0.0		0.0	0.0		0.0		
Short Space	0.0		0.0	0.0		0.0		
Measured Rho			0.0000	0.0000		0.0000		
Measured Correction			0.0000	0.0000		0.0000		
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		

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:	7	
Tool Model:	Probe1	
Performed:	Thu May 26 08:56:46 2022	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.5500	GAPI/cps