



DUAL INDUCTION LOG

Company		ANCHOR BAY PETROLEUM, LLC.	
Well	PBR #1		
Field	RANKIN		
County	ELLIS	State	KANSAS
Location:		API # : 15-051-27099-0000	Other Services
Permanent Datum		GROUND LEVEL Elevation	2321
Log Measured From		KELLY BUSHING 8' A.G.L	
Drilling Measured From		KELLY BUSHING	
SEC 33 TWP 13S RGE 20W		CDL/CNL MEL	Elevation
		K.B. 2329	
		D.F. 2327	
		G.L. 2321	
Date	10/26/23		
Run Number	ONE		
Depth Driller	4020		
Depth Logger	4022		
Bottom Logged Interval	4020		
Top Log Interval	00		
Casing Driller	8.625 @ 224		
Casing Logger	224		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 2.600 PPM	
Density / Viscosity	9.0/57		
pH / Fluid Loss	10.5/6.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.10 @ 74F		
Rmf @ Meas. Temp	.825 @ 74F		
Rmc @ Meas. Temp	1.32 @ 74F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.702 @ 116F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	5:00 A.M.		
Maximum Recorded Temperature	116F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	COLE ROBEN		
Witnessed By	ED GLASSMAN		

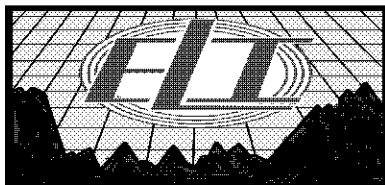
<<< Fold Here >>>

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

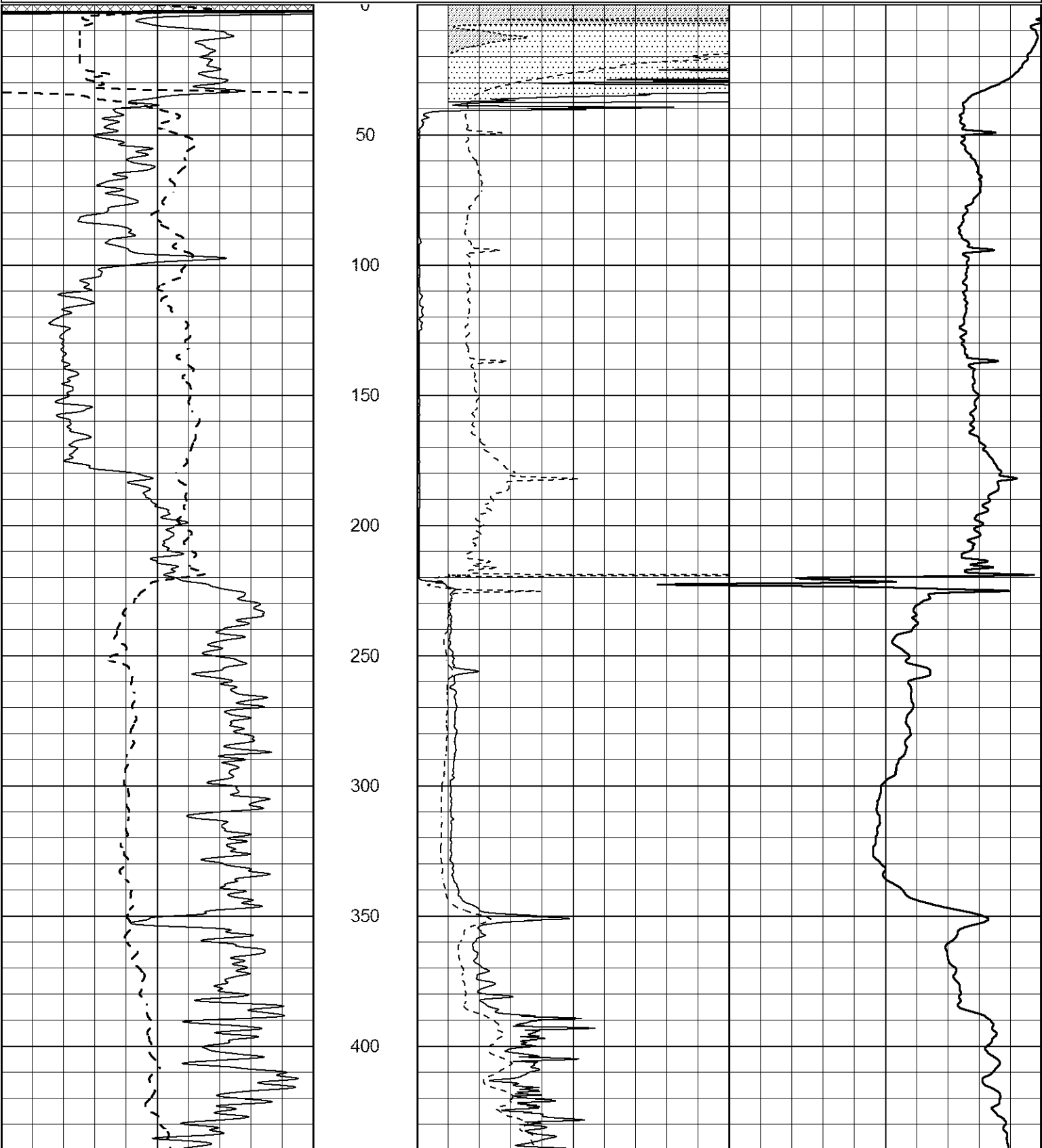
DIRECTIONS:
SOUTH OF ELLIS, KANSAS ON BLACKTOP FOR 3 3/4 MILES, EAST INTO

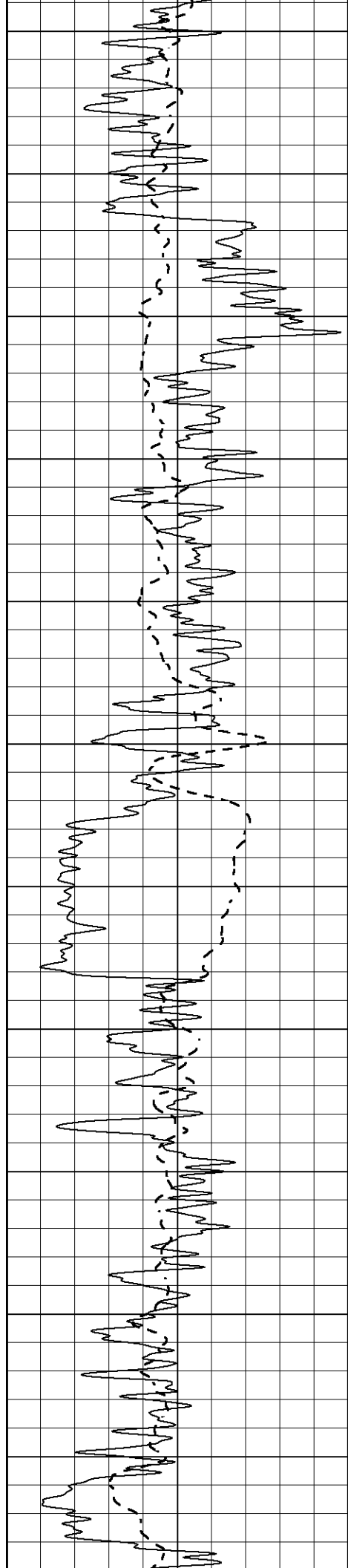


MAIN SECTION

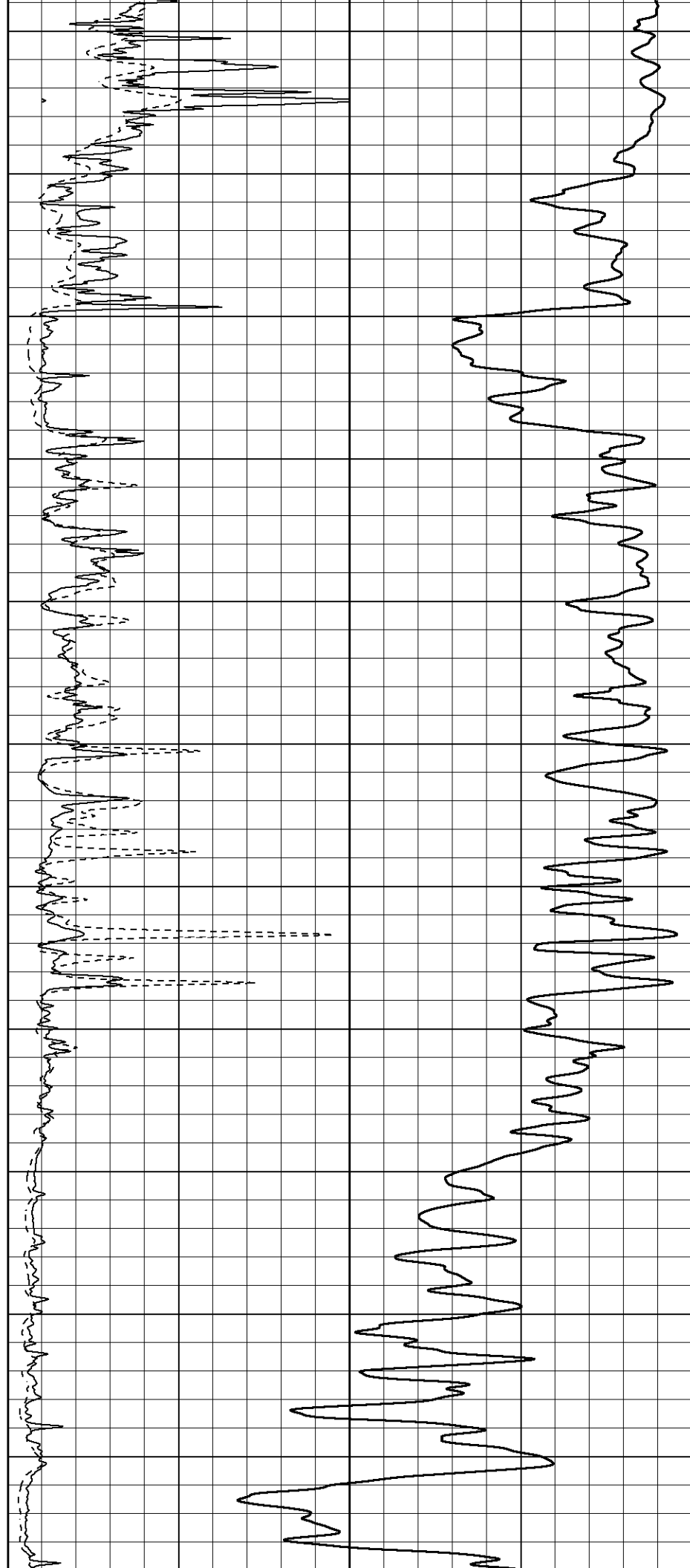
Database File	7787ddn.db
Dataset Pathname	pass3M
Presentation Format	_dil2
Dataset Creation	Thu Oct 26 06:37:17 2023
Charted by	Depth in Feet scaled 1:600

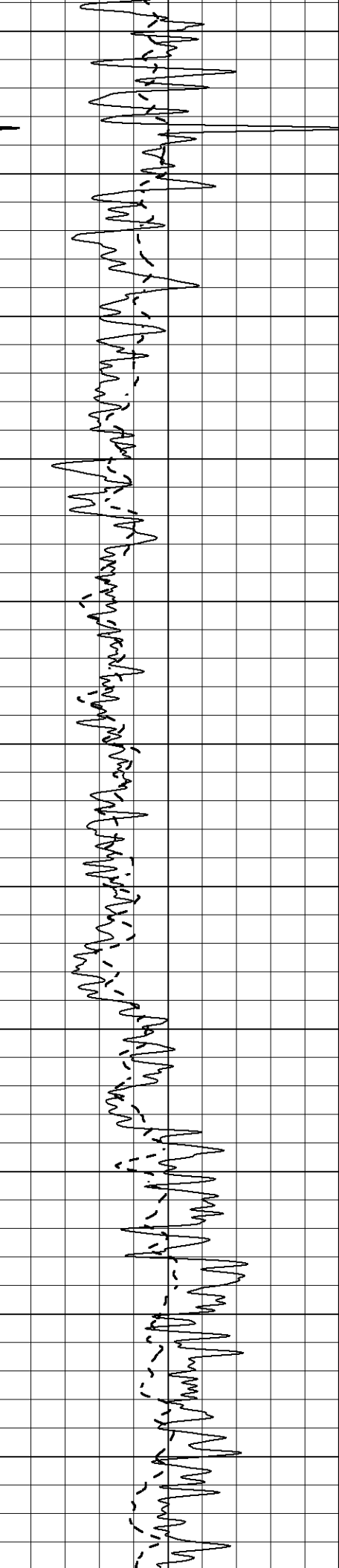
0	Gamma Ray (GAPI)	150	1000	CILD (mmho/m)	0
-100	SP (mV)	100	0	RLL3 (Ohm-m)	50
-----			0	Deep Induction (Ohm-m)	50
			50	RILD X10 (Ohm-m)	500
			50	RLL3 X10 (Ohm-m)	500



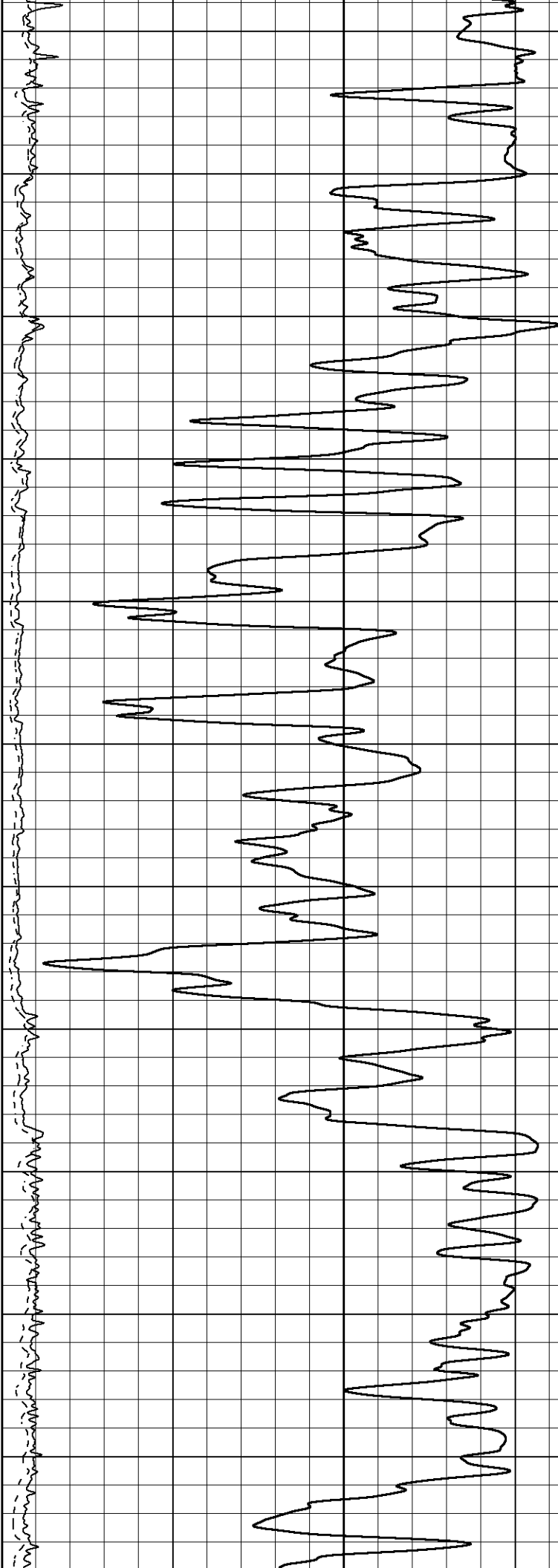


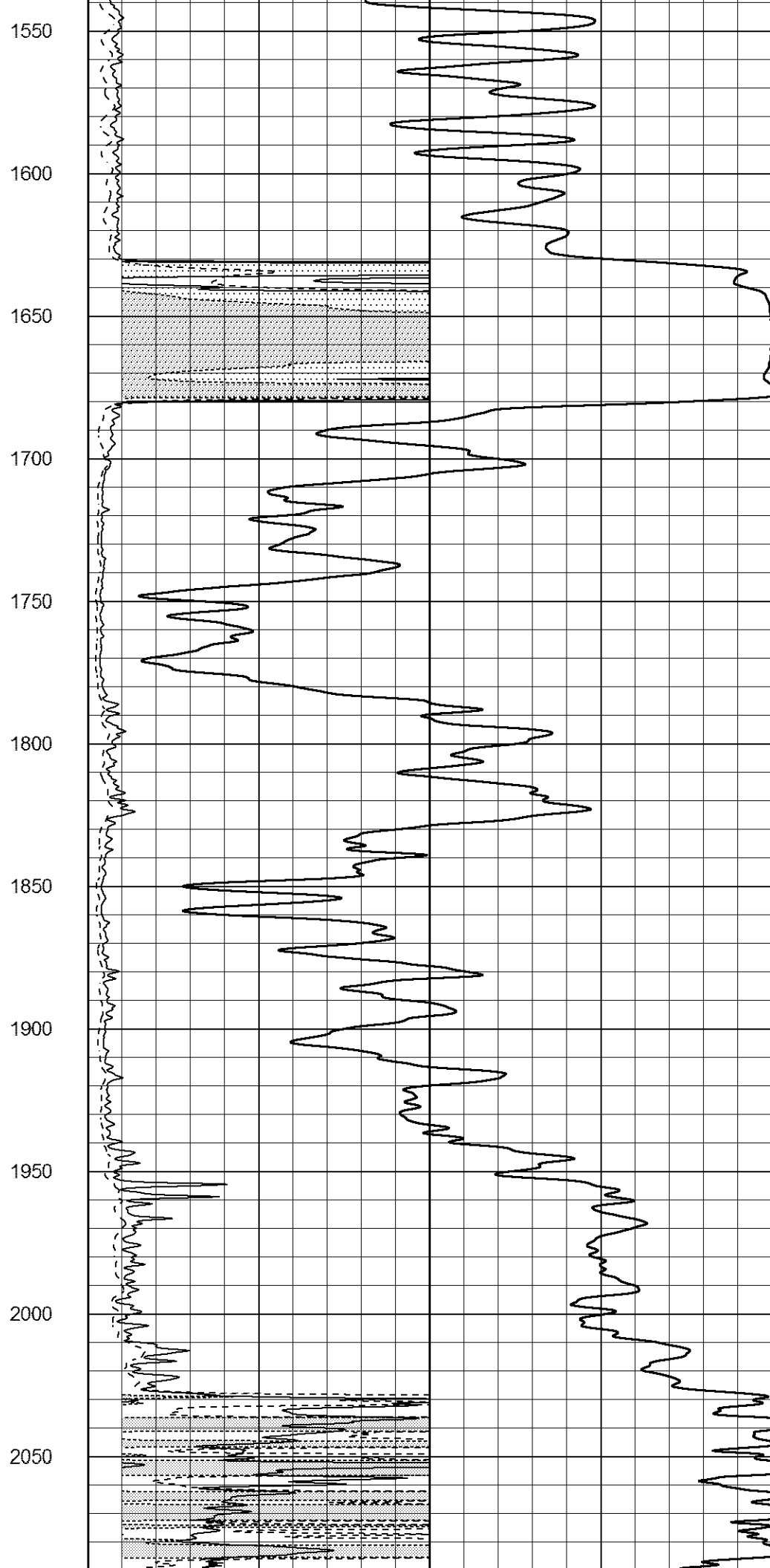
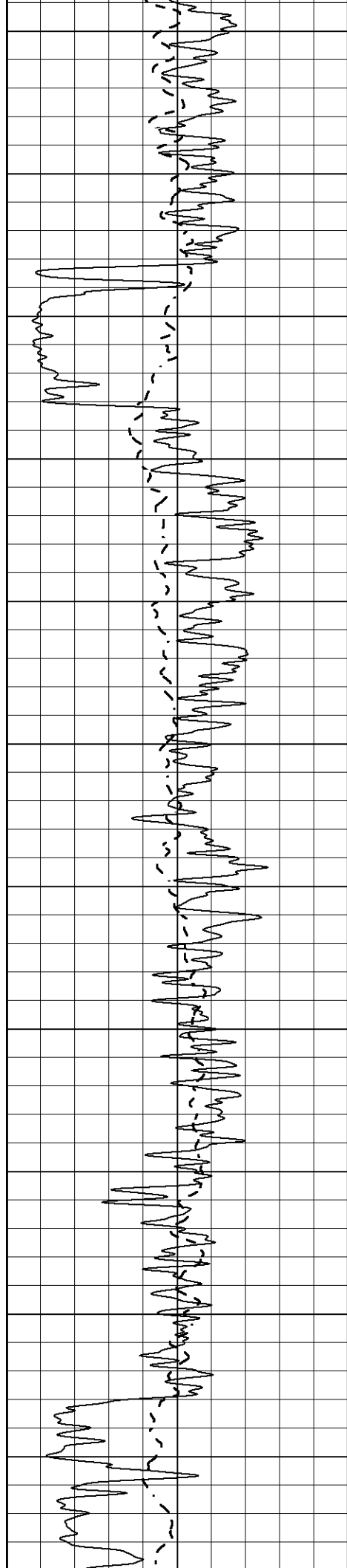
450
500
550
600
650
700
750
800
850
900
950

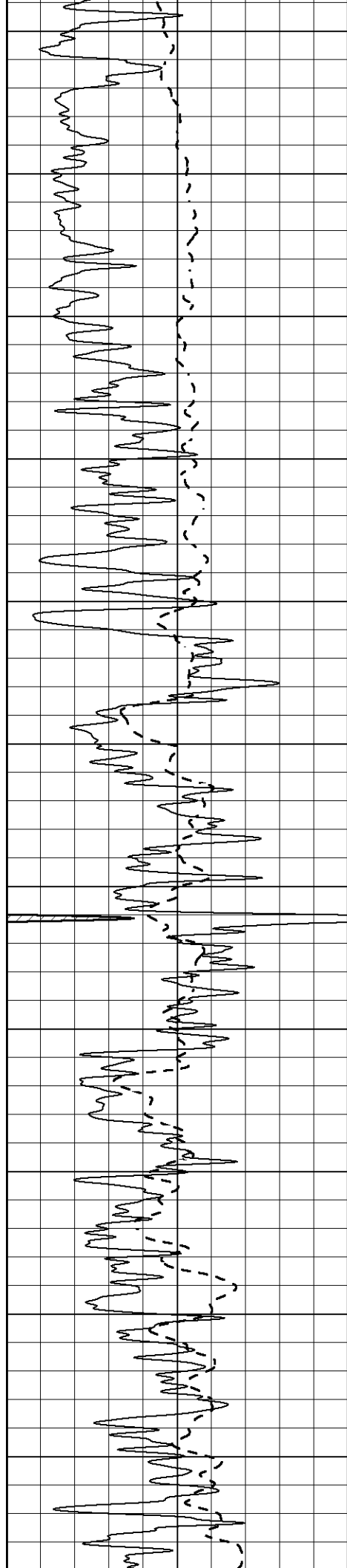




1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
1500







2100

2150

2200

2250

2300

2350

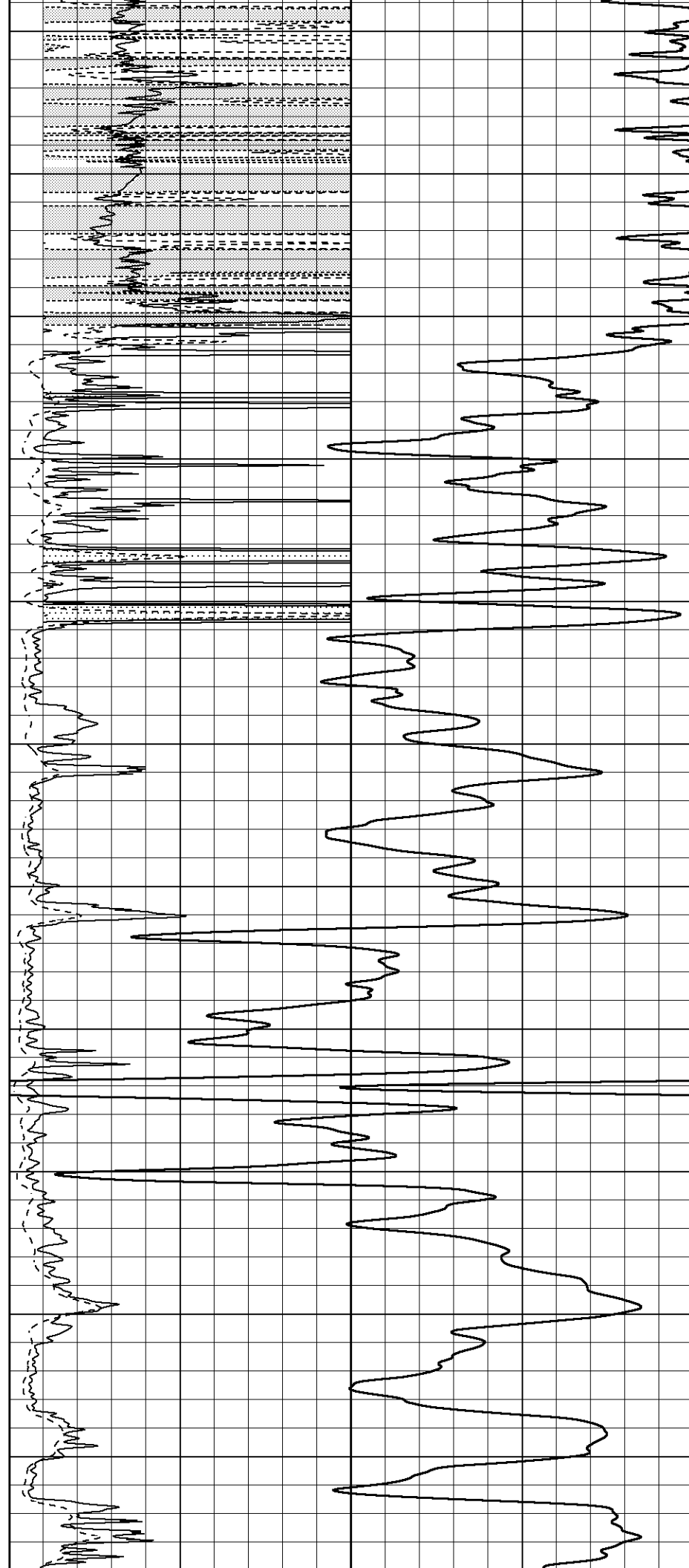
2400

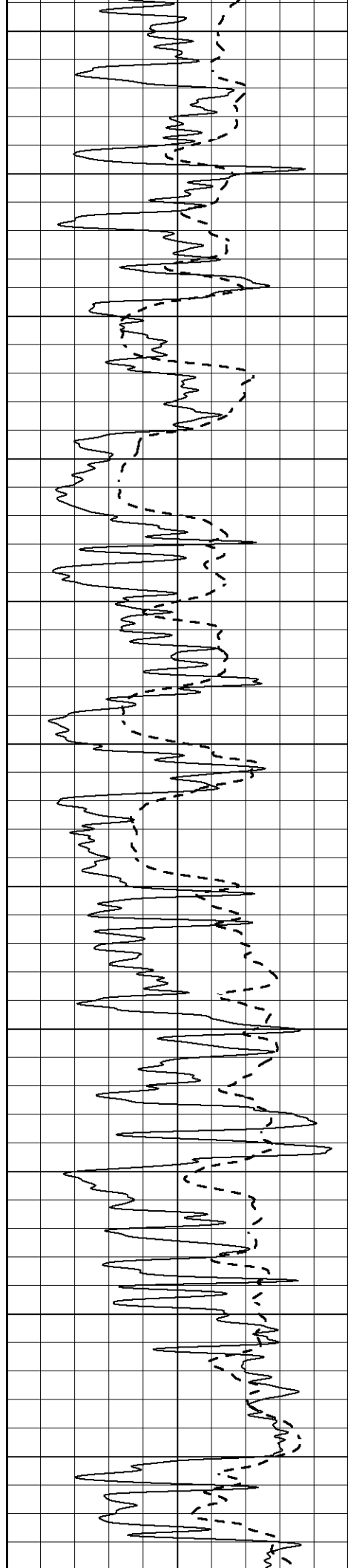
2450

2500

2550

2600





2650

2700

2750

2800

2850

2900

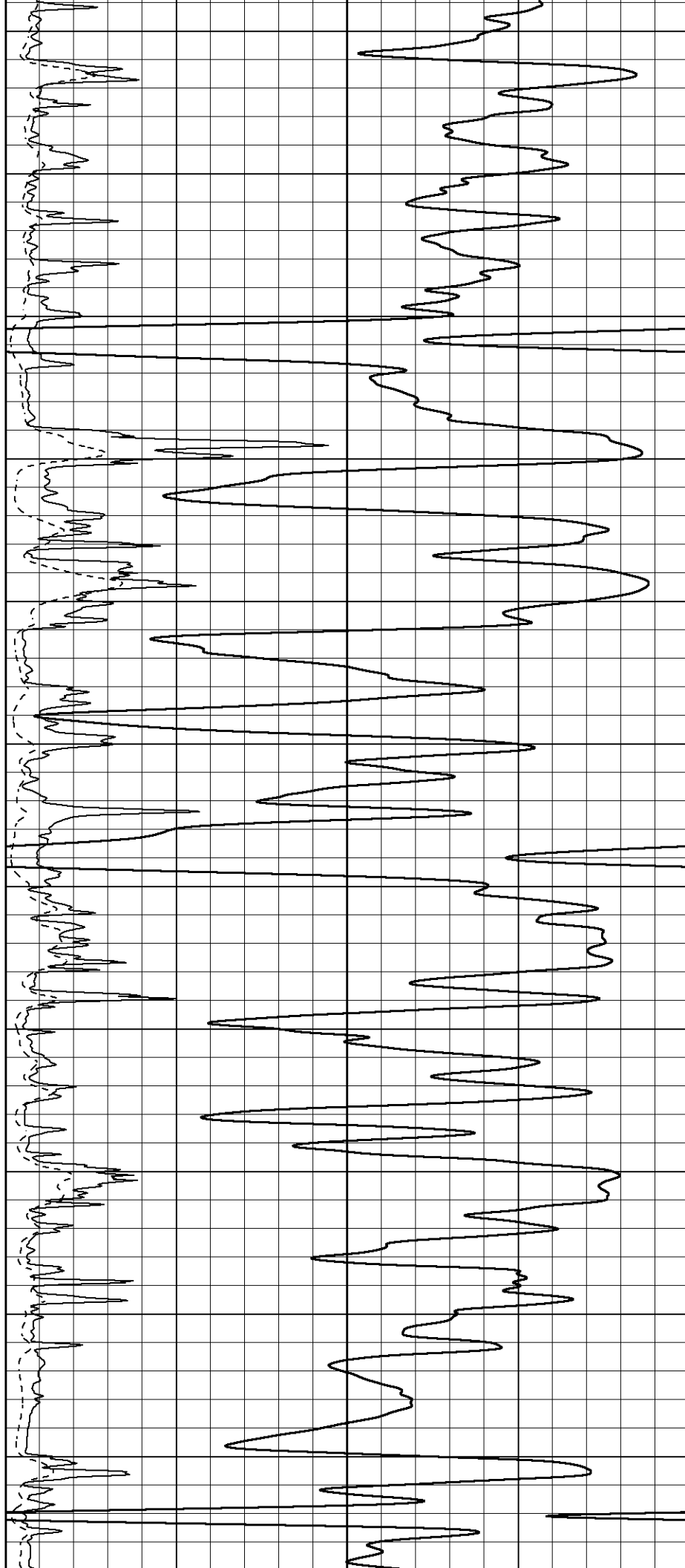
2950

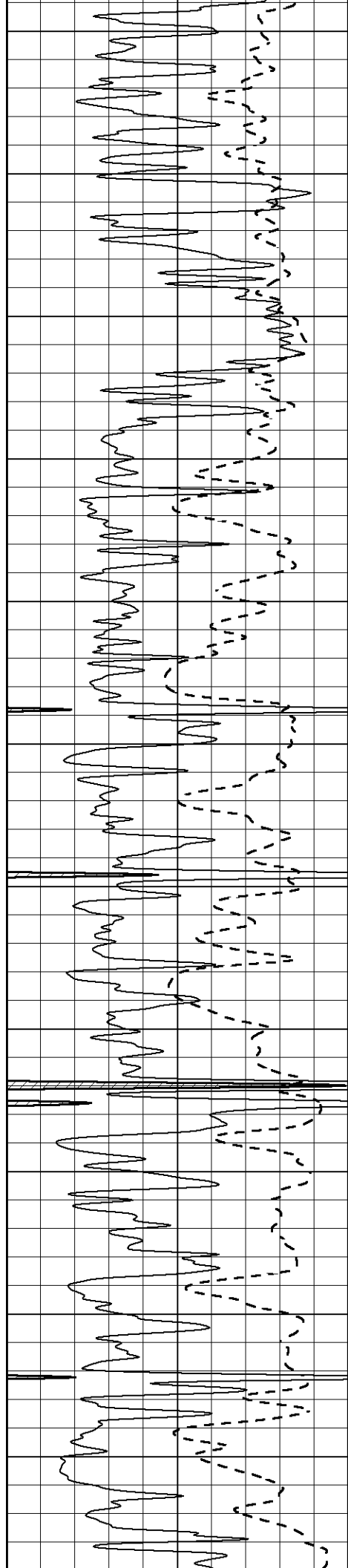
3000

3050

3100

3150





3200

3250

3300

3350

3400

3450

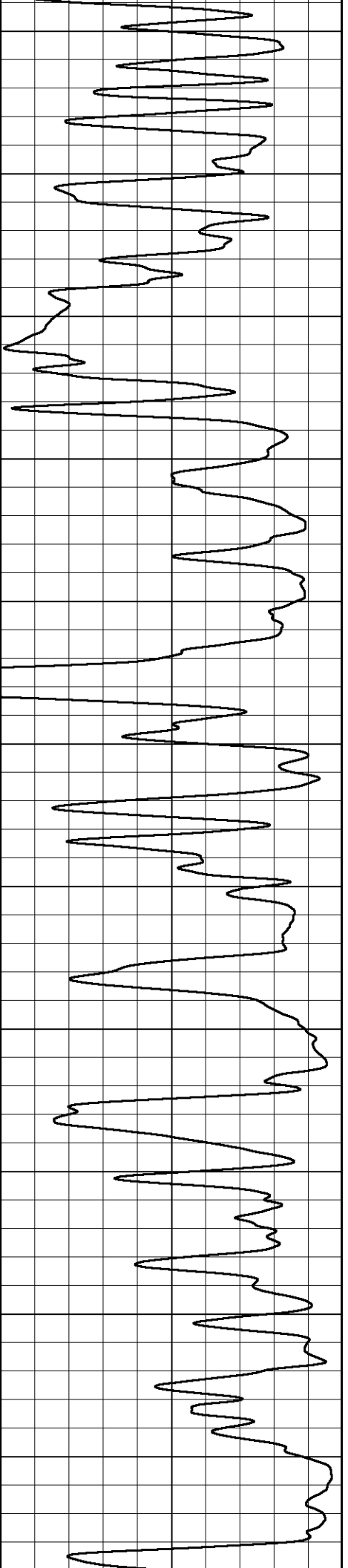
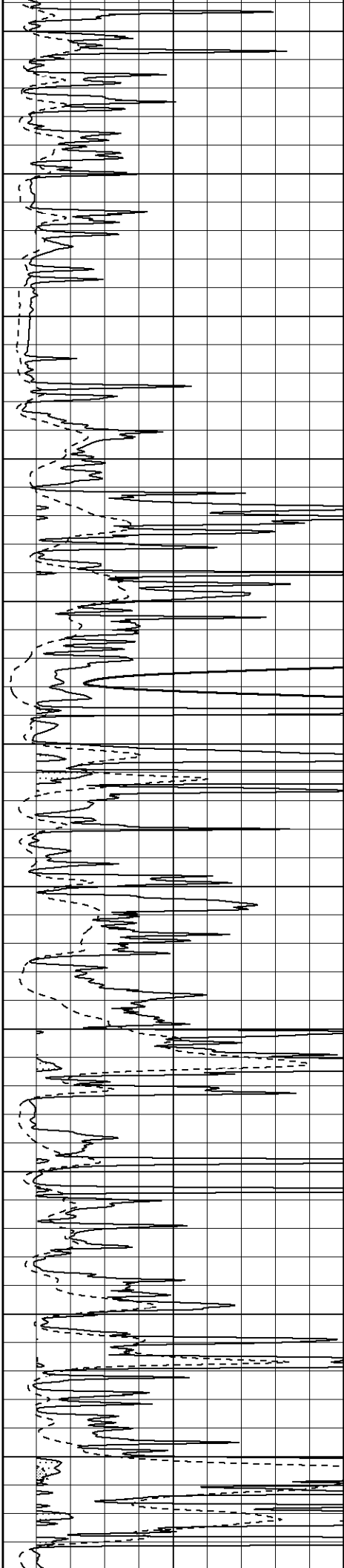
3500

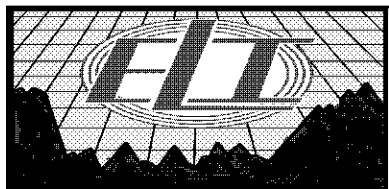
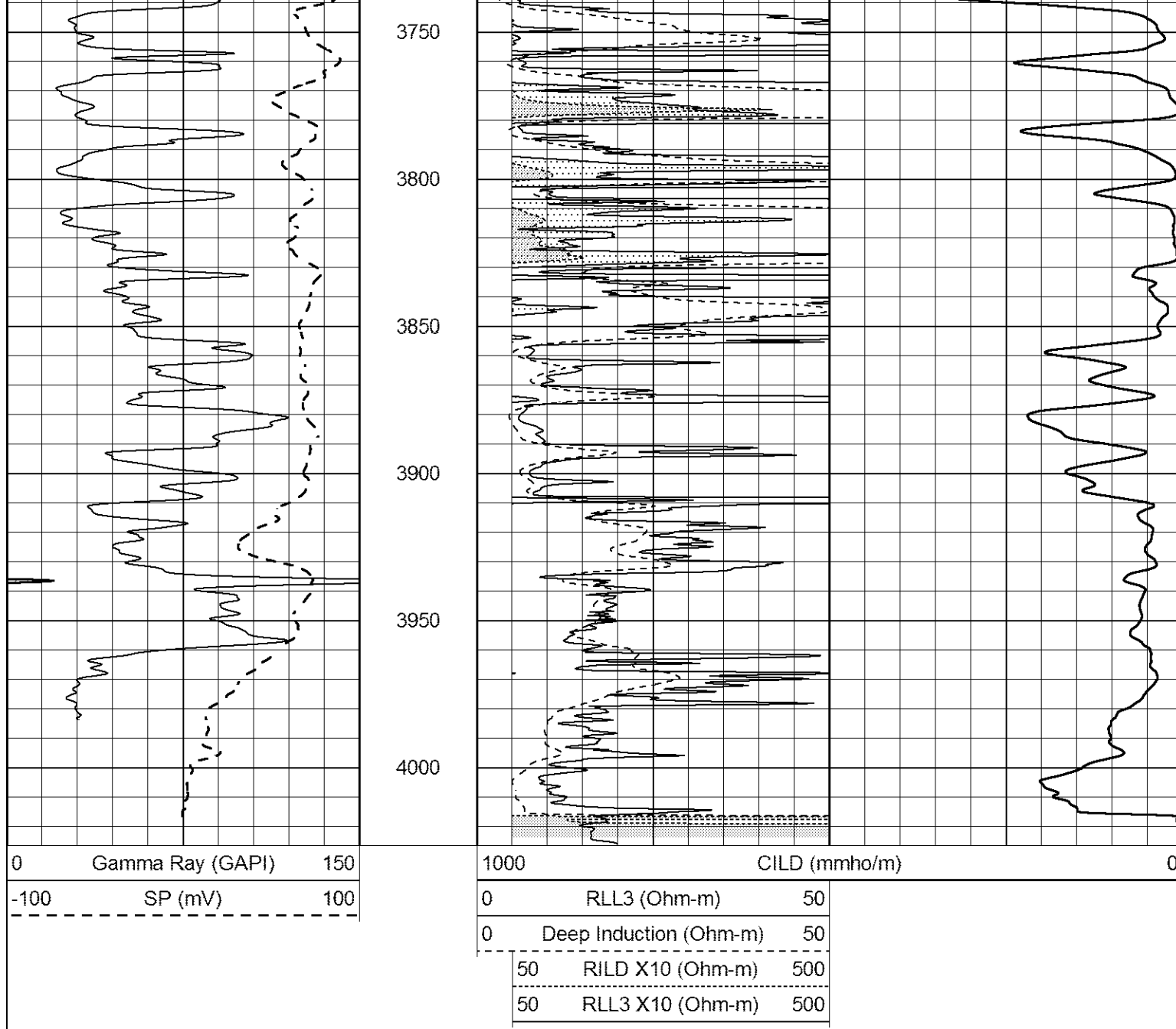
3550

3600

3650

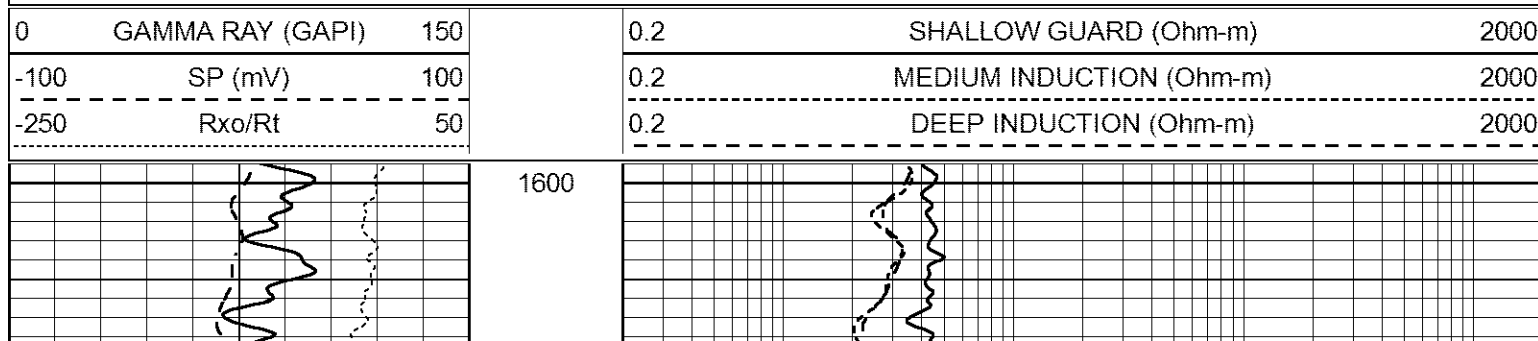
3700

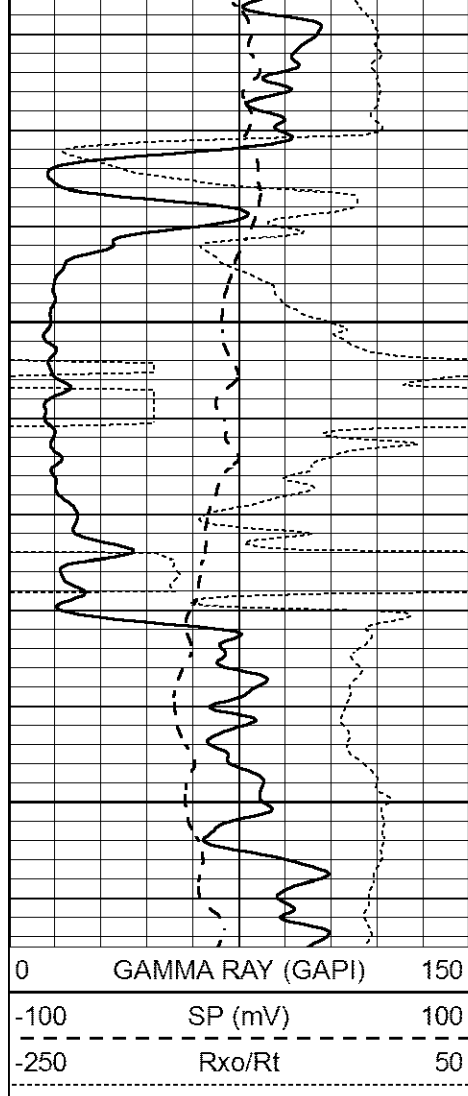




ANHYDRITE

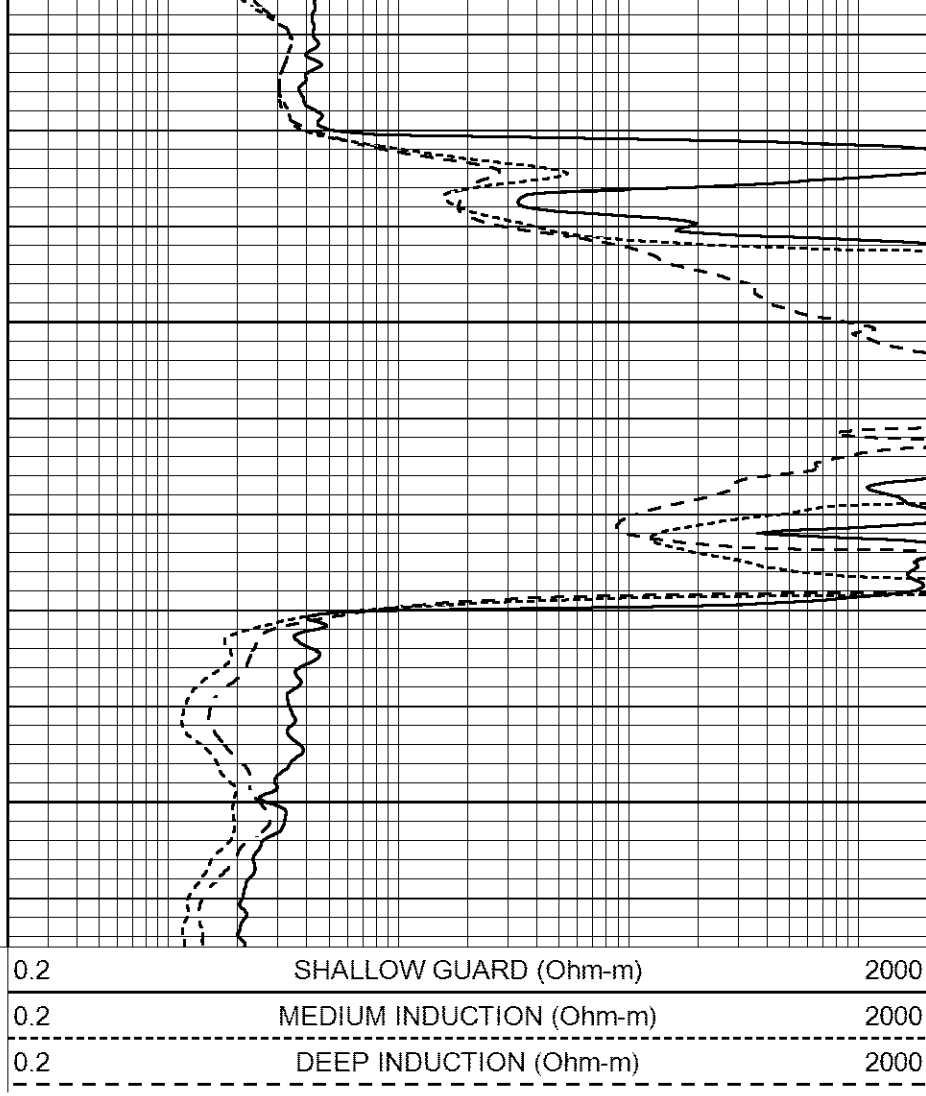
Database File 7787ddn.db
 Dataset Pathname pass3A
 Presentation Format _dil
 Dataset Creation Thu Oct 26 06:17:27 2023
 Charted by Depth in Feet scaled 1:240





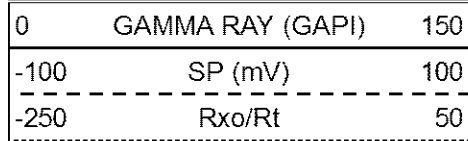
1650

1700

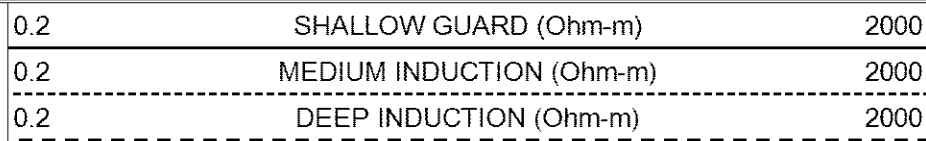


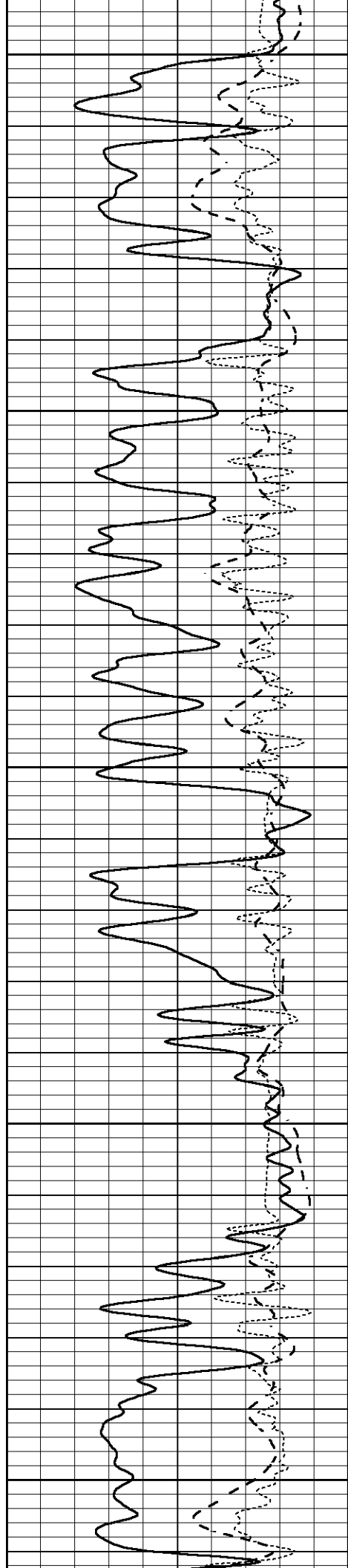
MAIN SECTION

Database File 7787ddn.db
 Dataset Pathname pass3D
 Presentation Format _dil
 Dataset Creation Thu Oct 26 06:10:49 2023
 Charted by Depth in Feet scaled 1:240



3100





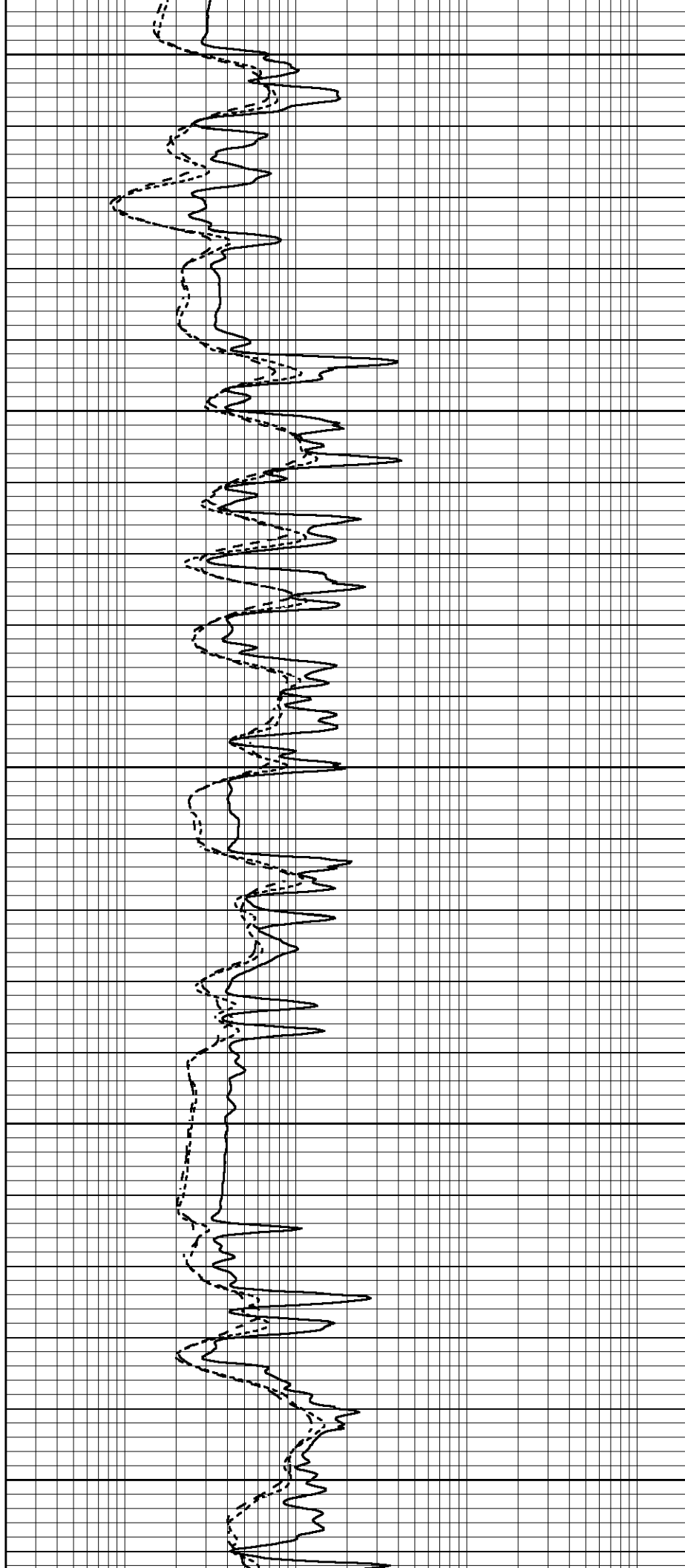
3150

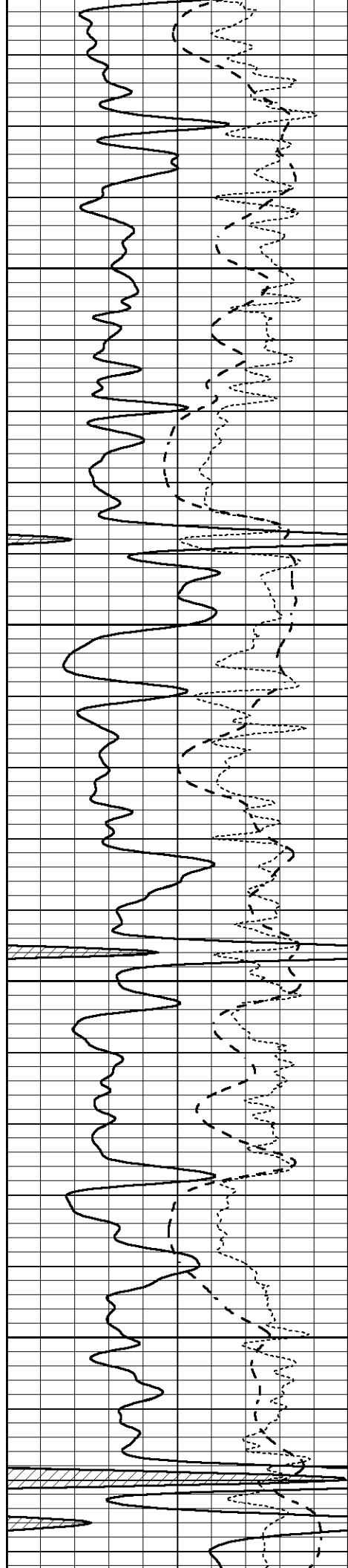
3200

3250

3300

3350



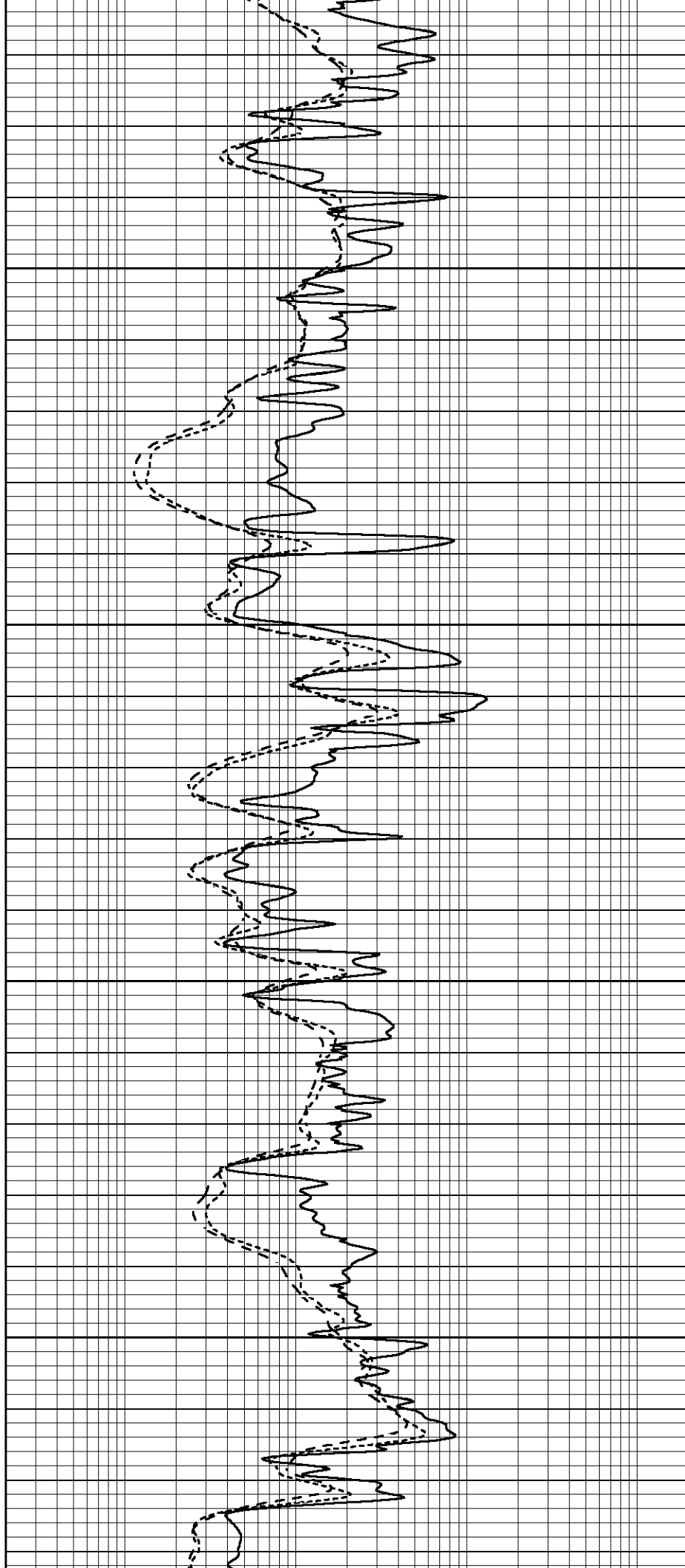


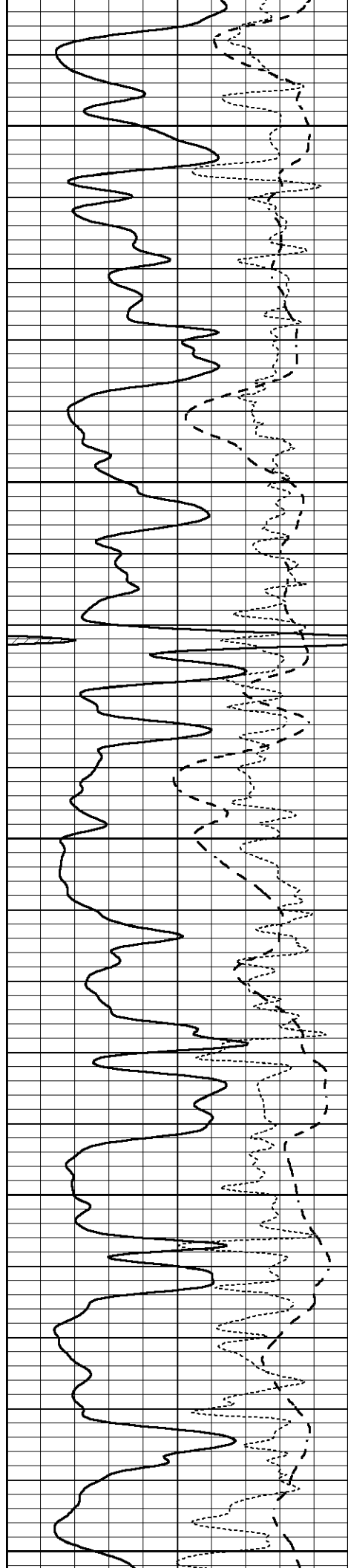
3400

3450

3500

3550





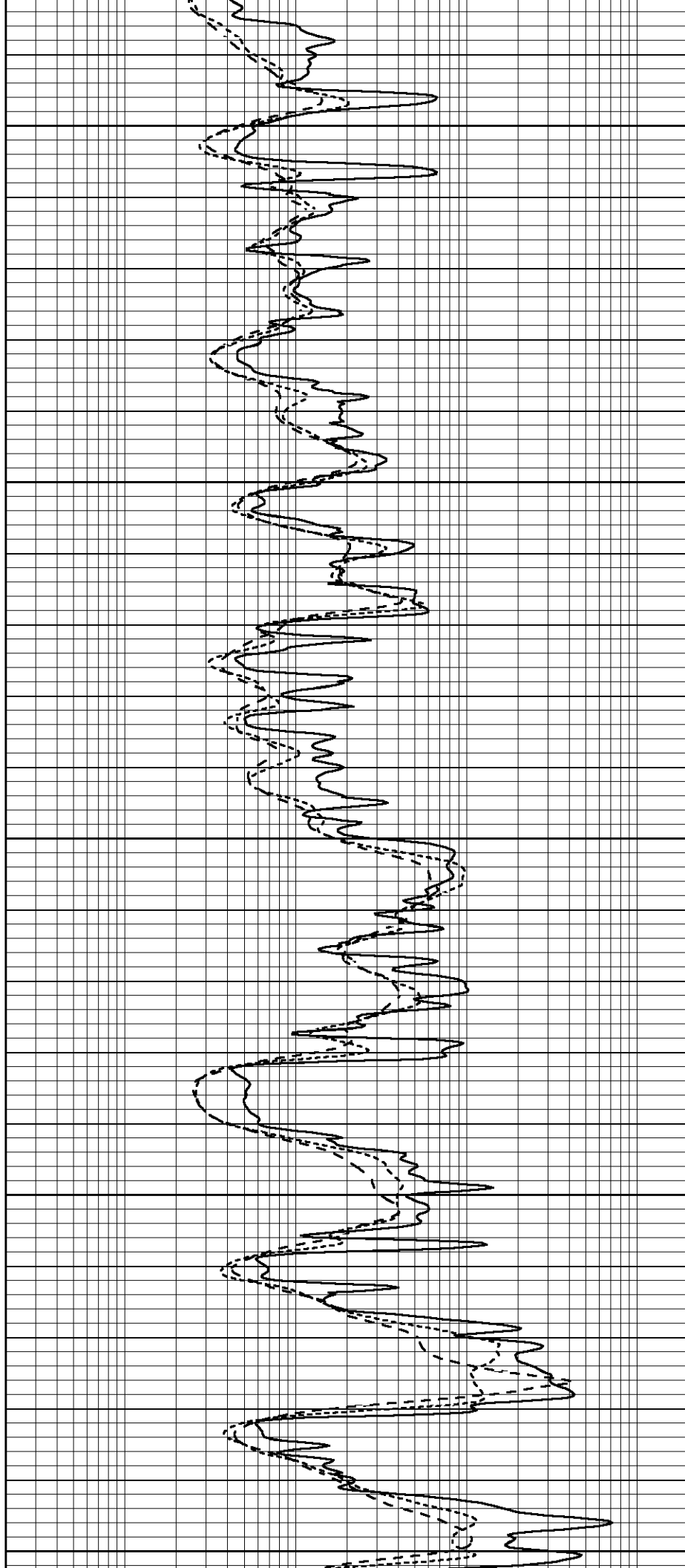
3600

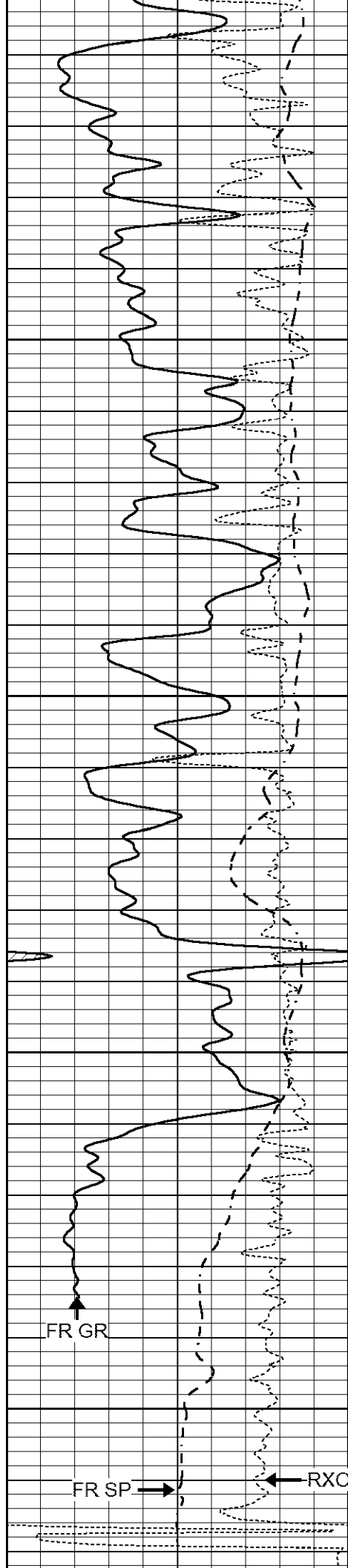
3650

3700

3750

3800



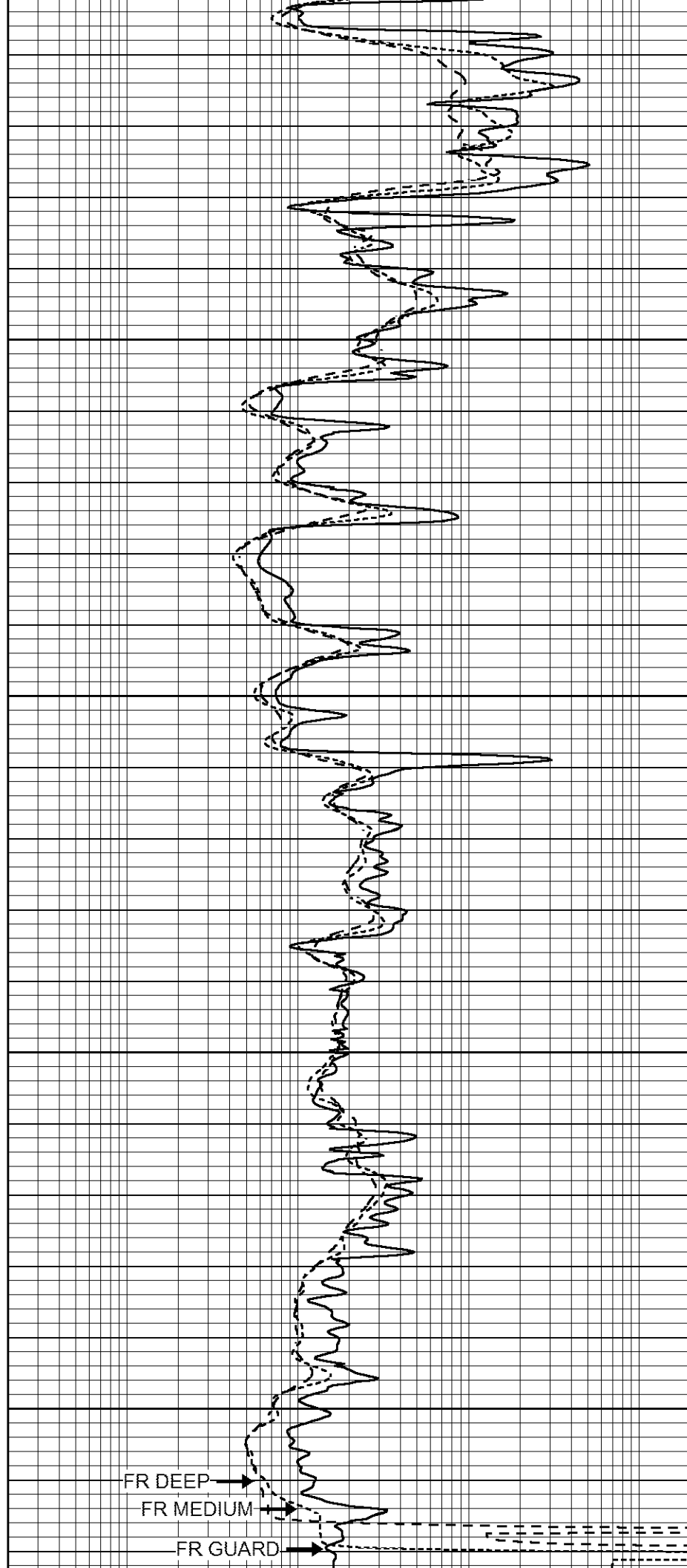


3850

3900

3950

4000



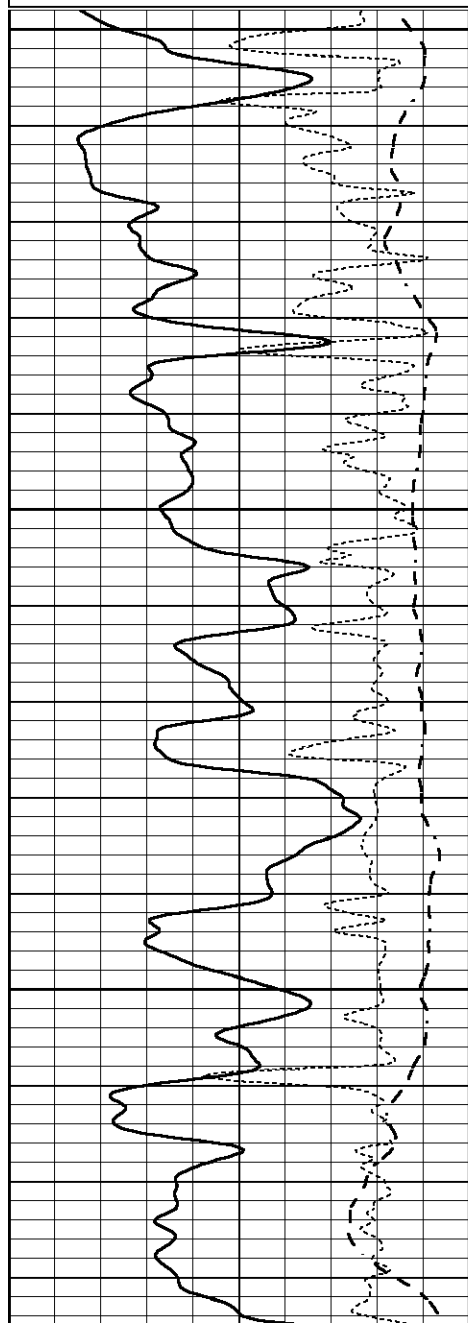
			LTD 4022		
0	GAMMA RAY (GAPI)	150	0.2	SHALLOW GUARD (Ohm-m)	2000
-100	SP (mV)	100	0.2	MEDIUM INDUCTION (Ohm-m)	2000
-250	Rxo/Rt	50	0.2	DEEP INDUCTION (Ohm-m)	2000



REPEAT SECTION

Database File 7787ddn.db
 Dataset Pathname pass2R
 Presentation Format _dil
 Dataset Creation Thu Oct 26 05:50:33 2023
 Charted by Depth in Feet scaled 1:240

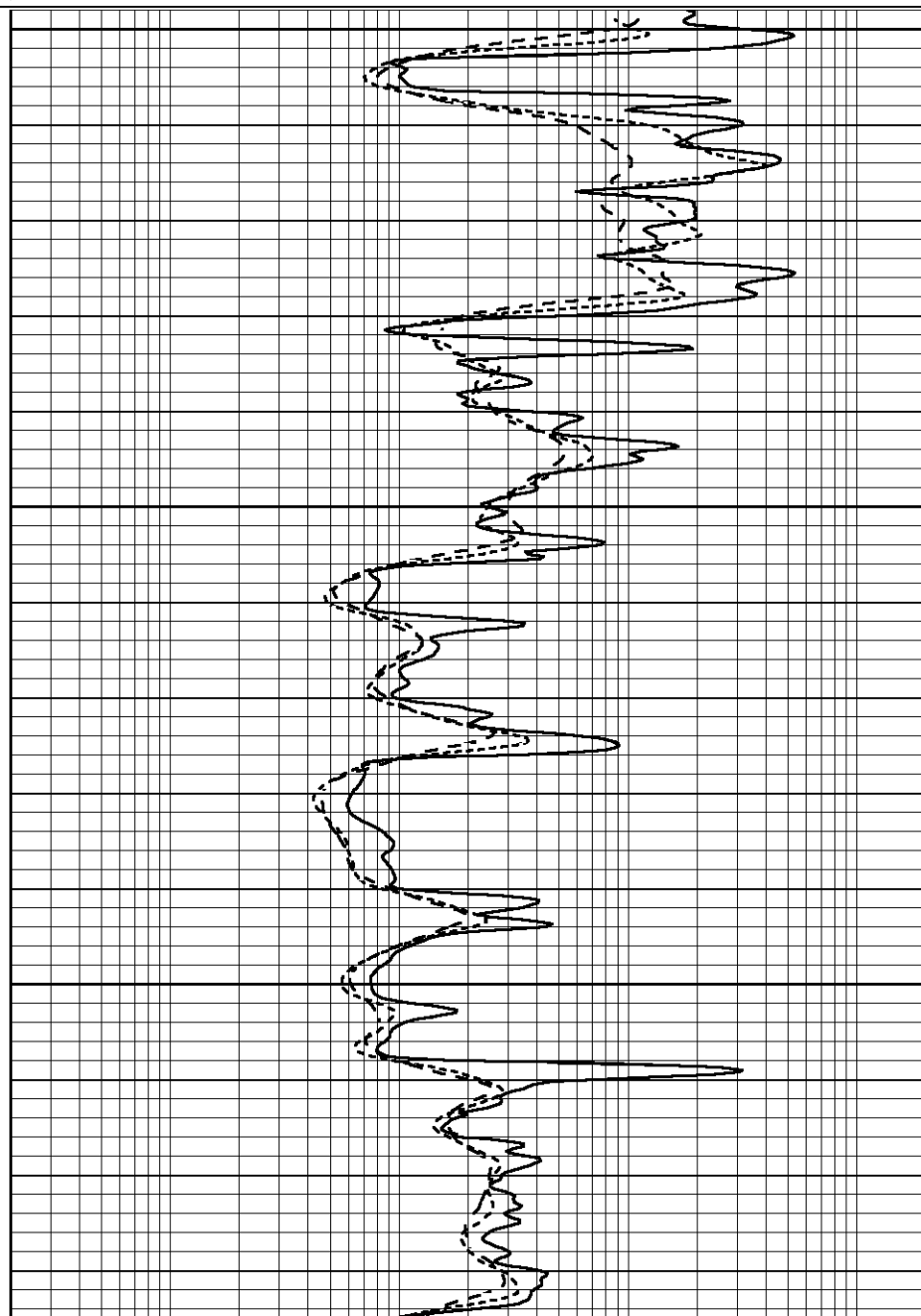
0	GAMMA RAY (GAPI)	150	0.2	SHALLOW GUARD (Ohm-m)	2000
-100	SP (mV)	100	0.2	MEDIUM INDUCTION (Ohm-m)	2000
-250	Rxo/Rt	50	0.2	DEEP INDUCTION (Ohm-m)	2000

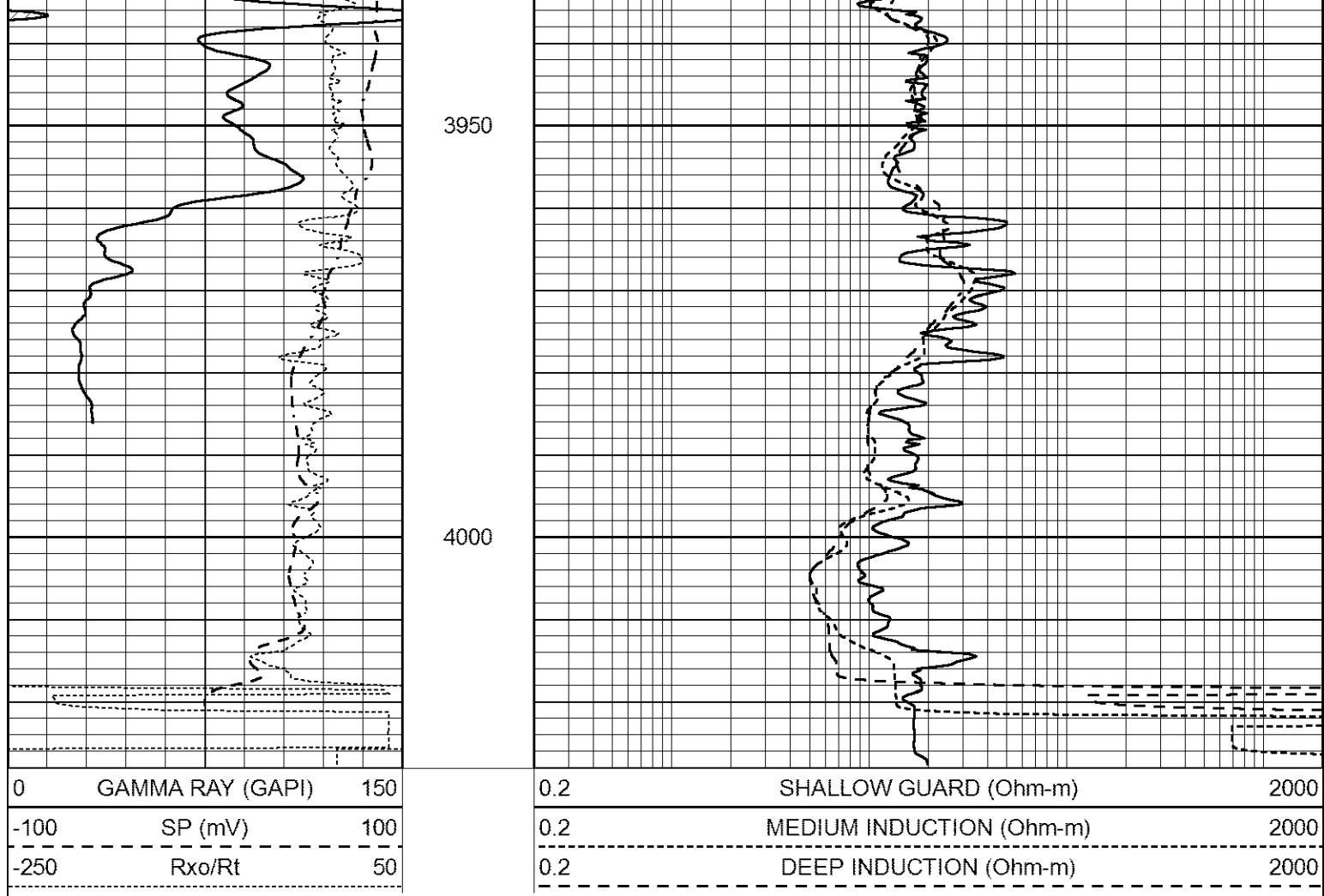


3800

3850

3900





Calibration Report									
Database File	7787ddn.db								
Dataset Pathname	pass3M								
Dataset Creation	Thu Oct 26 06:37:17 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									
Readings				References			Results		
Loop:	Air	Loop		Air	Loop		m	b	
Deep	0.011	0.656	V	1.000	400.000	mmho/m	565.000	-8.000	
Medium	-0.000	0.731	V	1.000	464.000	mmho/m	530.000	-11.000	
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 11:42:40 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	