



DUAL INDUCTION LOG

Company		AGV CORPORATION	
Well	BENFER #8		
Field	BENFER		
County	BUTLER	State	KANSAS
Location:		API # : 15-015-24161-0000	
Permanent Datum		GROUND LEVEL Elevation 1347	
Log Measured From		KELLY BUSHING 9' A.G.L	
Drilling Measured From		KELLY BUSHING	
SEC 9 TWP 26S RGE 3E		Other Services CDL/CNL PE/MEL	
Elevation		K.B. 1356 D.F. 1354 G.L. 1347	
Date	10/9/22		
Run Number	ONE		
Depth Driller	2925		
Depth Logger	2926		
Bottom Logged Interval	2924		
Top Log Interval	00		
Casing Driller	8 5/8" @ 223		
Casing Logger	223		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	N/A		
pH / Fluid Loss	N/A		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.80 @ 70F		
Rmf @ Meas. Temp	1.35 @ 70F		
Rmc @ Meas. Temp	2.16 @ 70F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	1.19 @ 106F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	10:00 A.M.		
Maximum Recorded Temperature	106F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	COLE ROBEN		
Witnessed By	KENT ROBERTS		

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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.

Comments

THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395

DIRECTIONS:

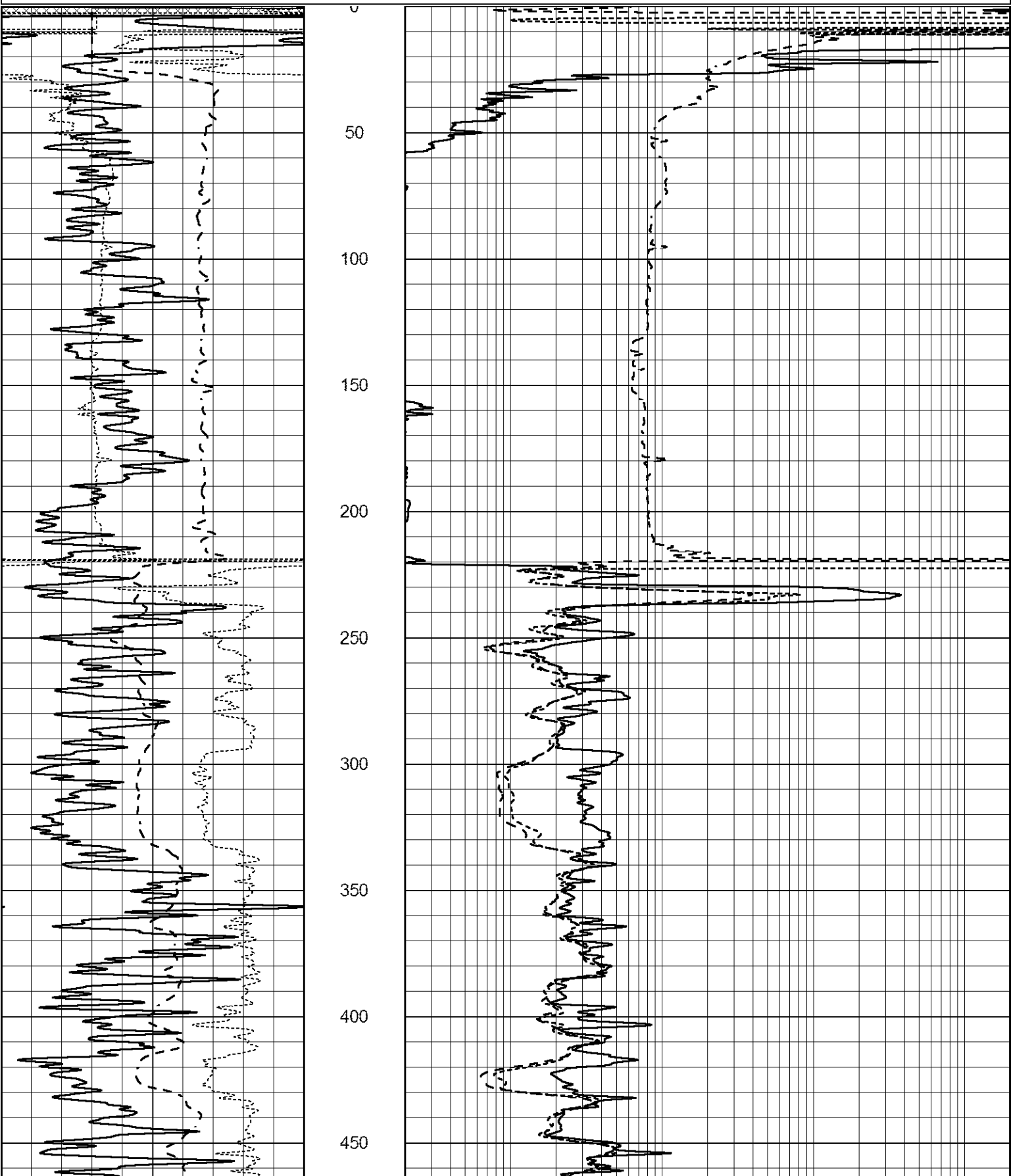
BENTON, KANSAS NORTH TO SW PRAIRIE CREEK ROAD, NORTH 1/2 MILE AND FOLLOW
CURVE NORTH FOR 1/4 MILE, EAST INTO

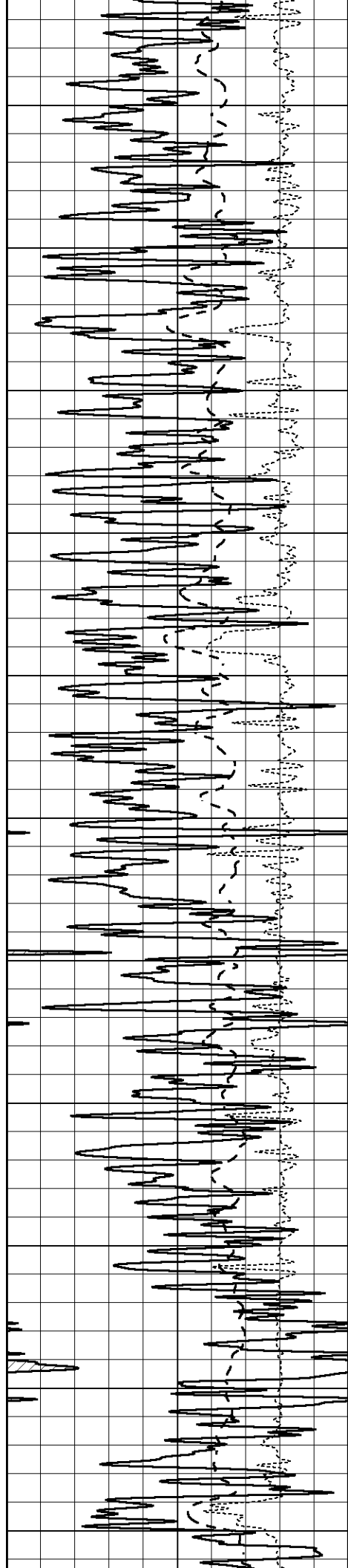


MAIN SECTION

Database File	7230pe.db
Dataset Pathname	pass6M
Presentation Format	_dil2
Dataset Creation	Sun Oct 09 12:04:02 2022
Charted by	Depth in Feet scaled 1:600

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





500

550

600

650

700

750

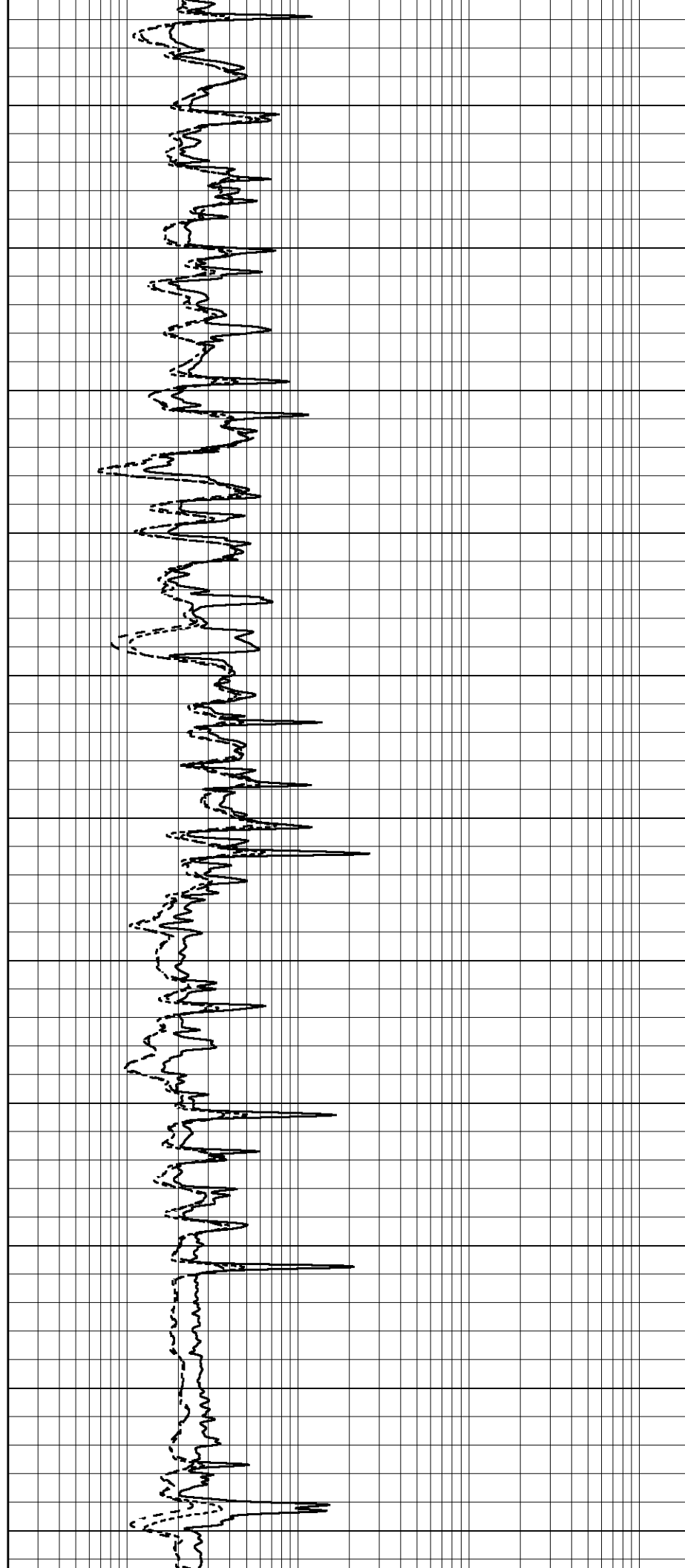
800

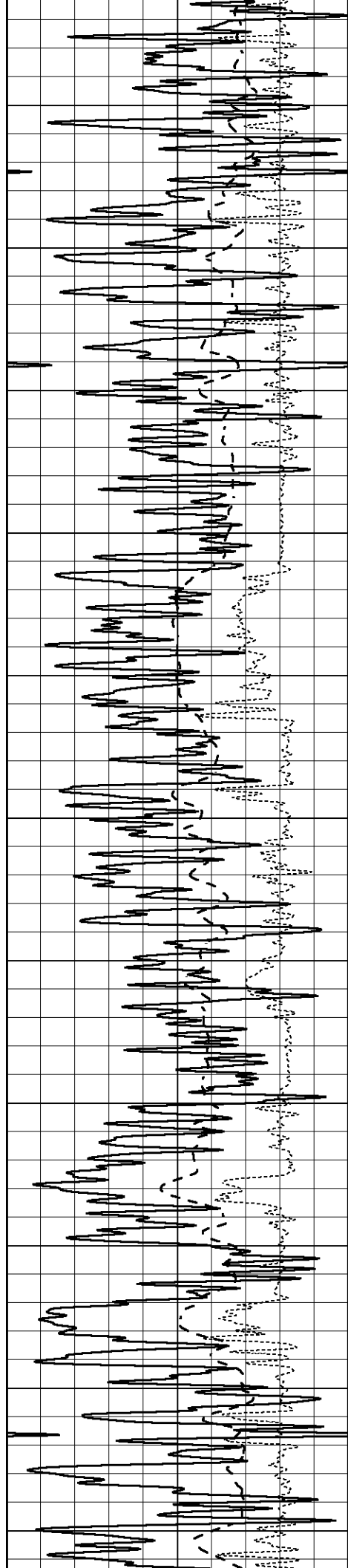
850

900

950

1000





1050

1100

1150

1200

1250

1300

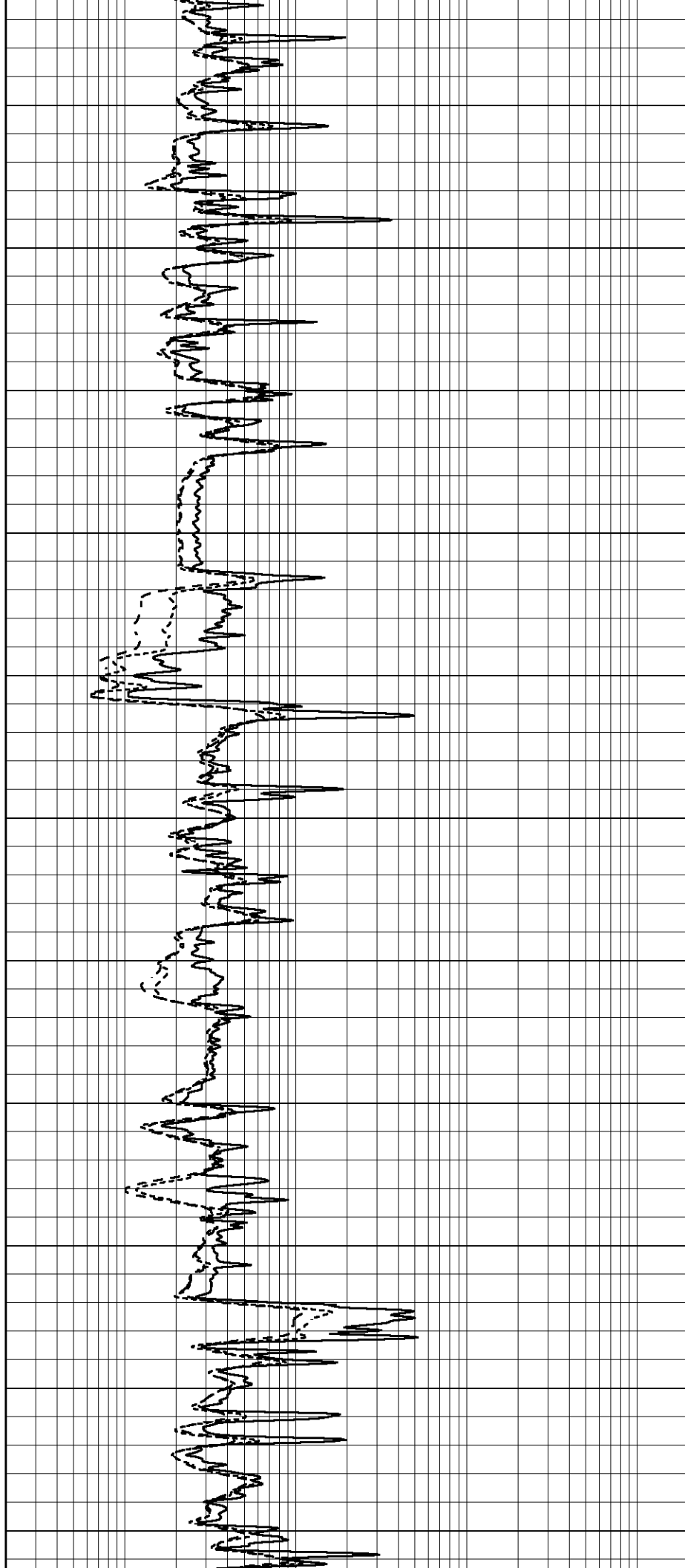
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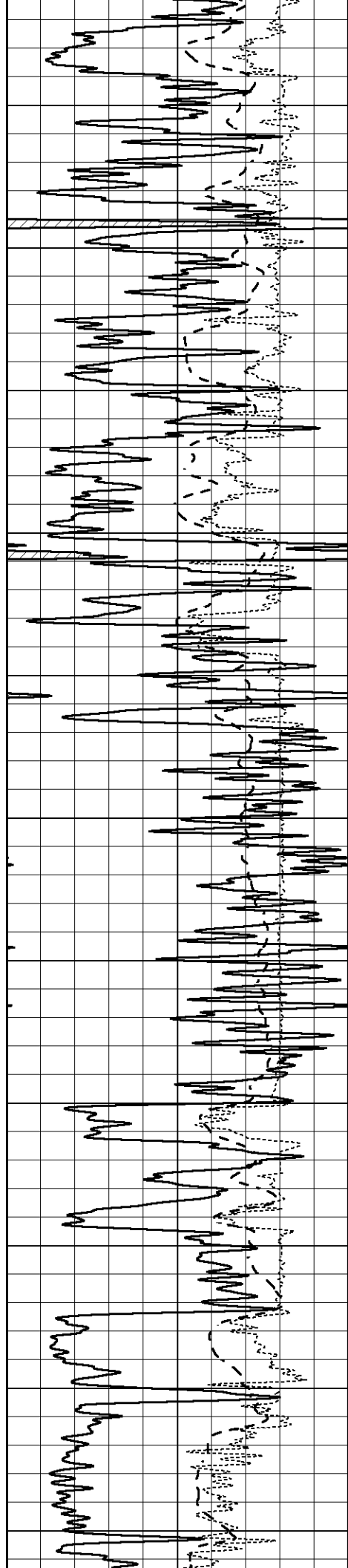
1400

1450

1500

1550





1600

1650

1700

1750

1800

1850

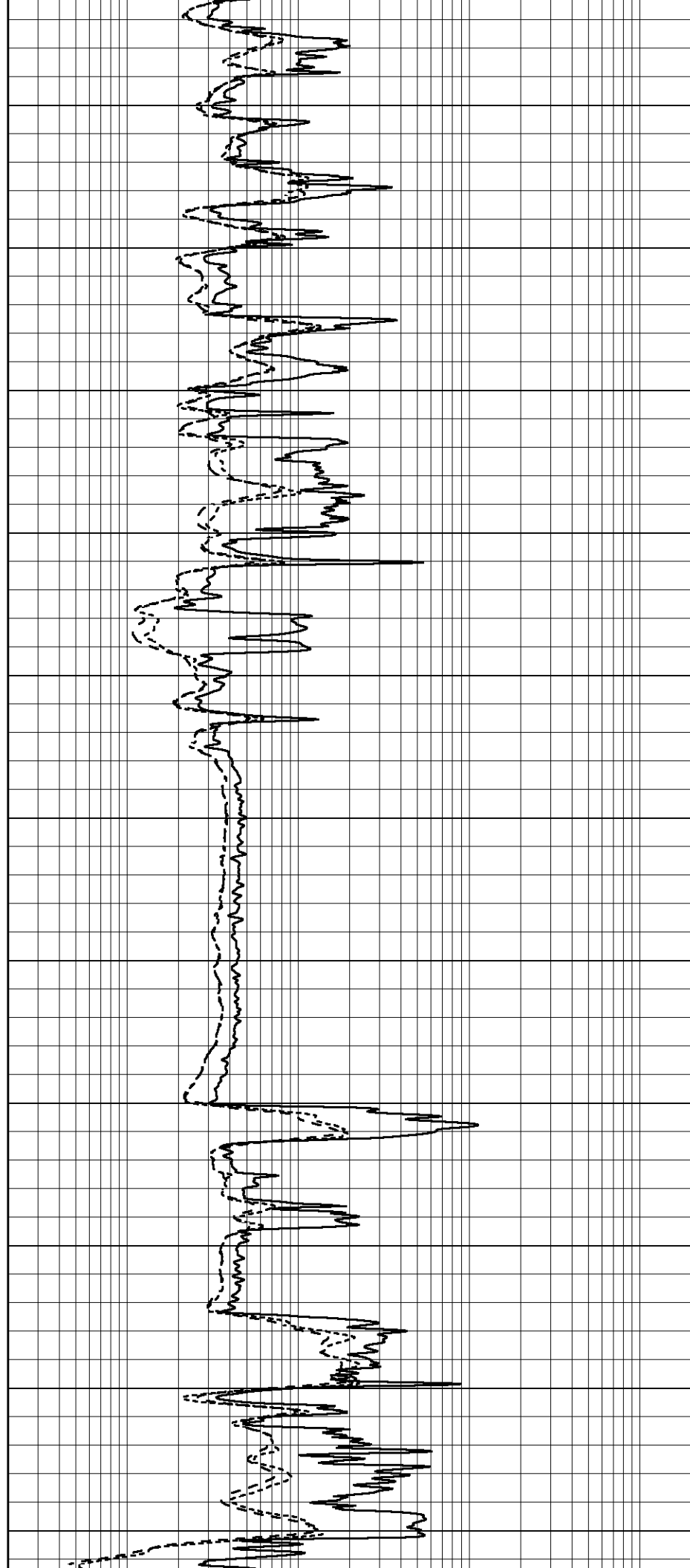
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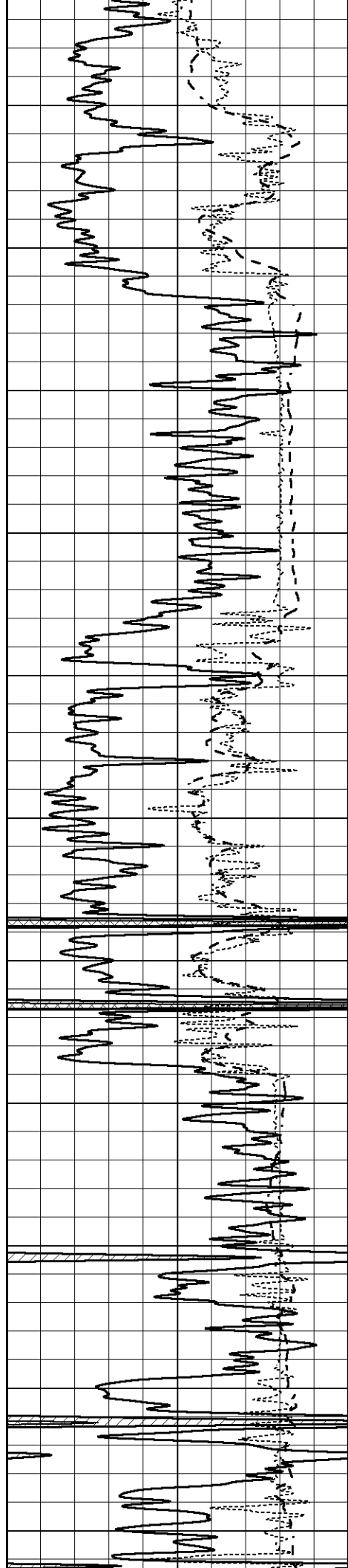
1950

2000

2050

2100





2150

2200

2250

2300

2350

2400

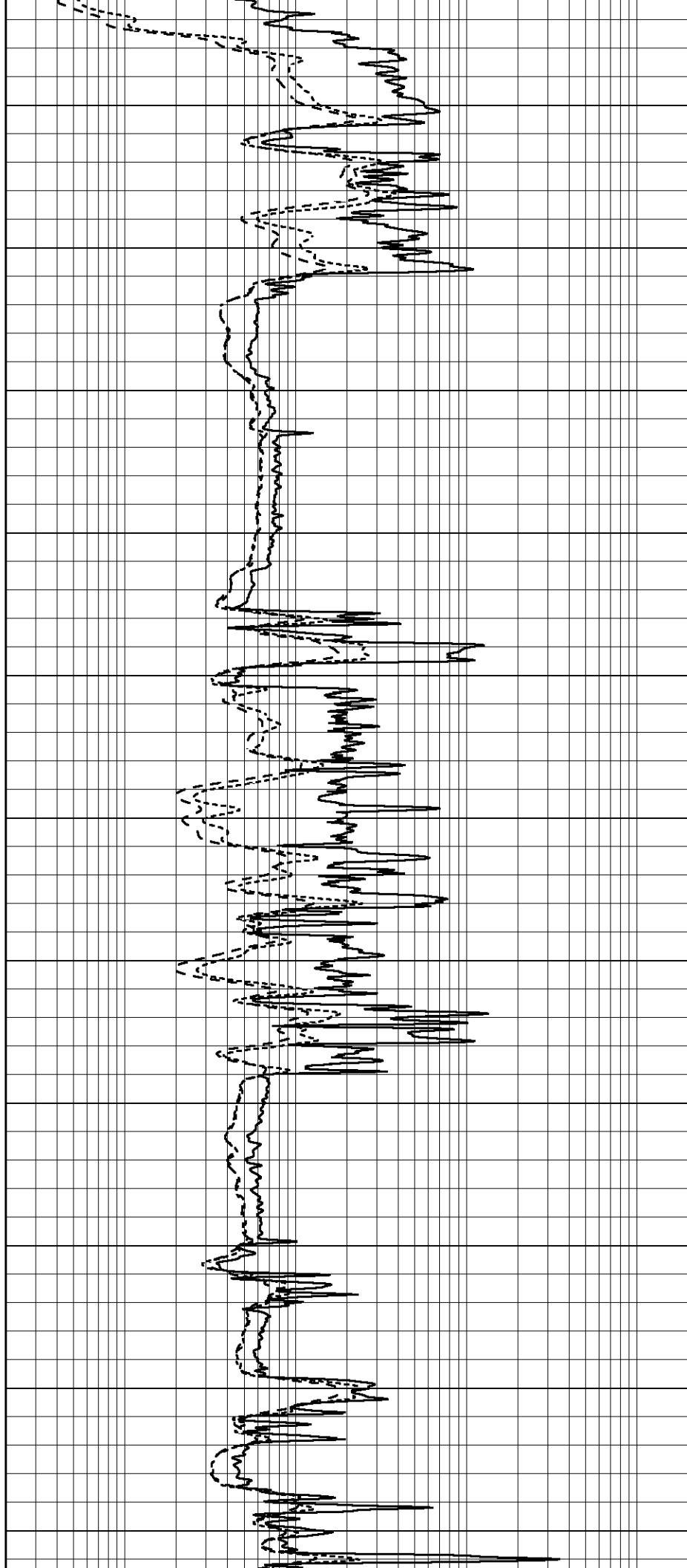
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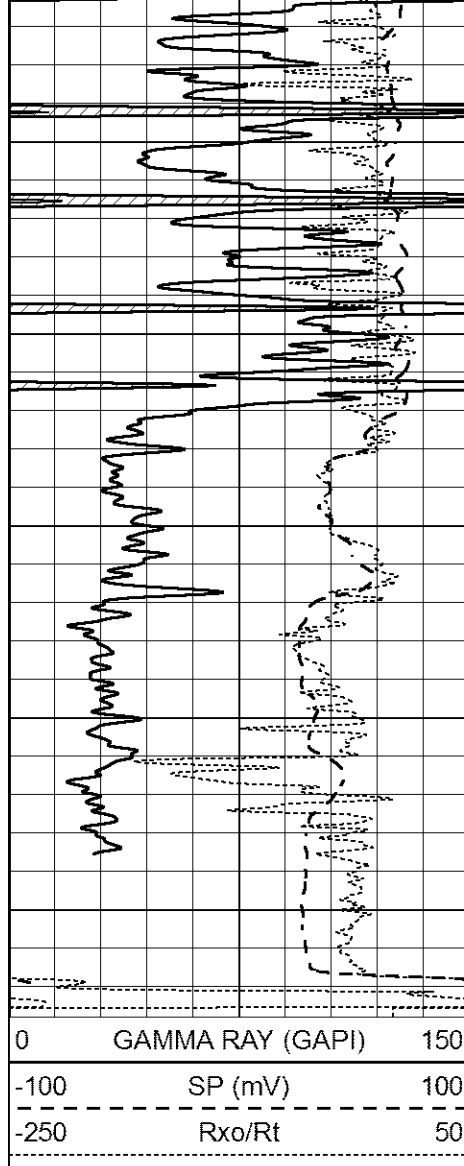
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2550

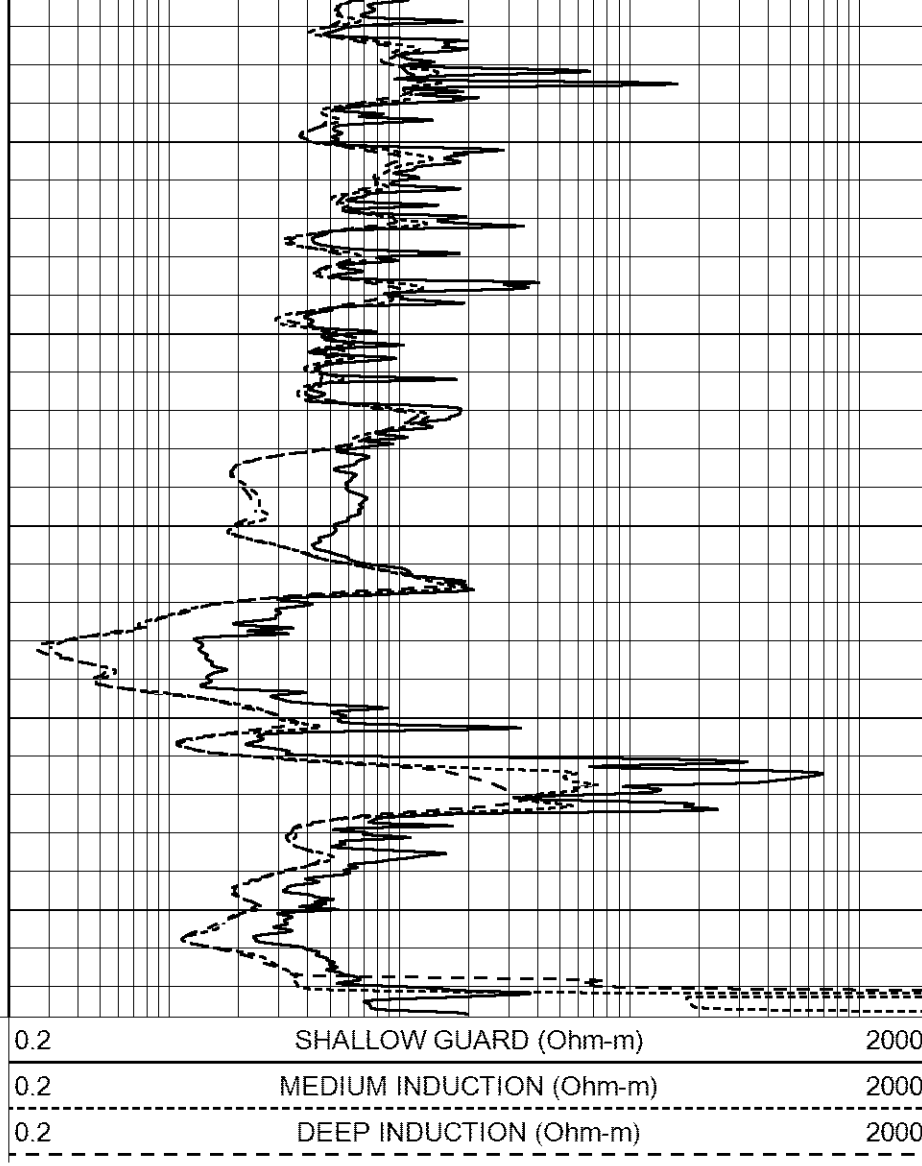
2600

2650



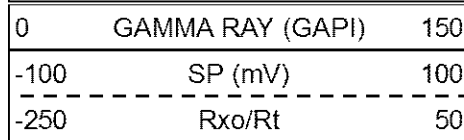


2700
2750
2800
2850
2900

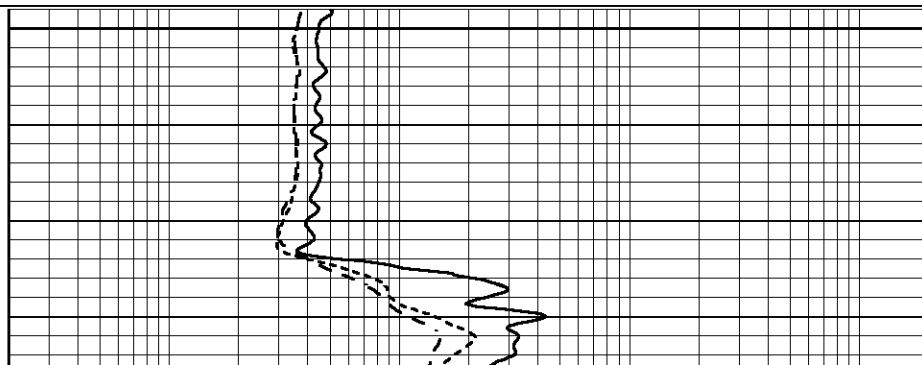
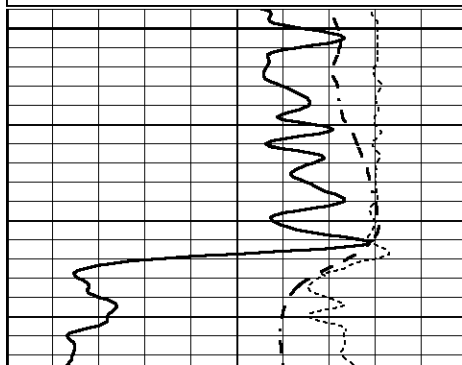
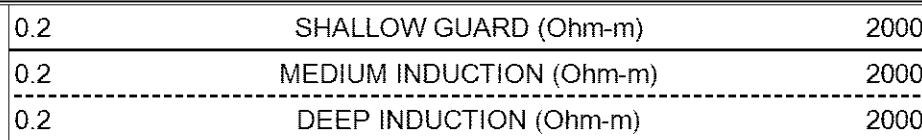


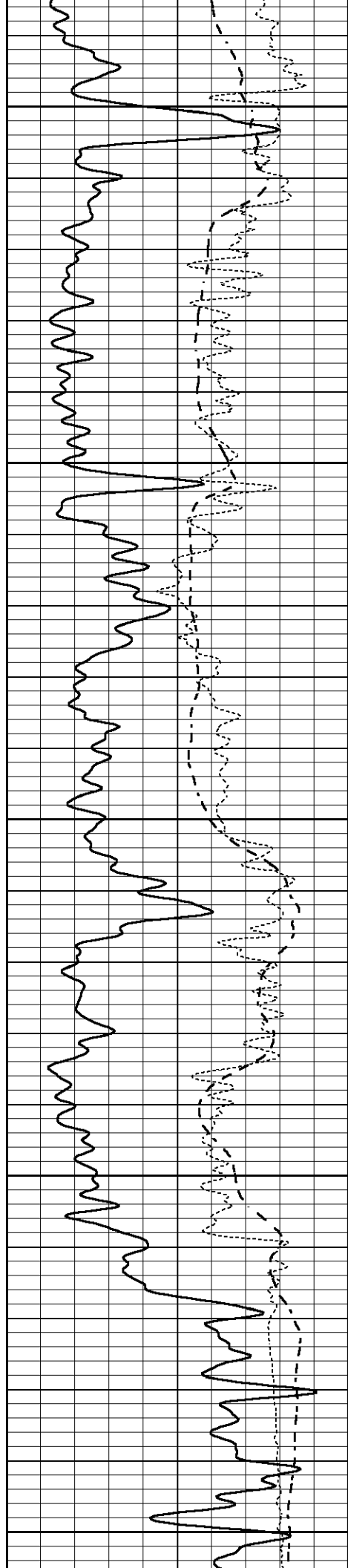
MAIN SECTION

Database File 7230pe.db
Dataset Pathname pass6D
Presentation Format _dil
Dataset Creation Sun Oct 09 11:40:26 2022
Charted by Depth in Feet scaled 1:240



2000





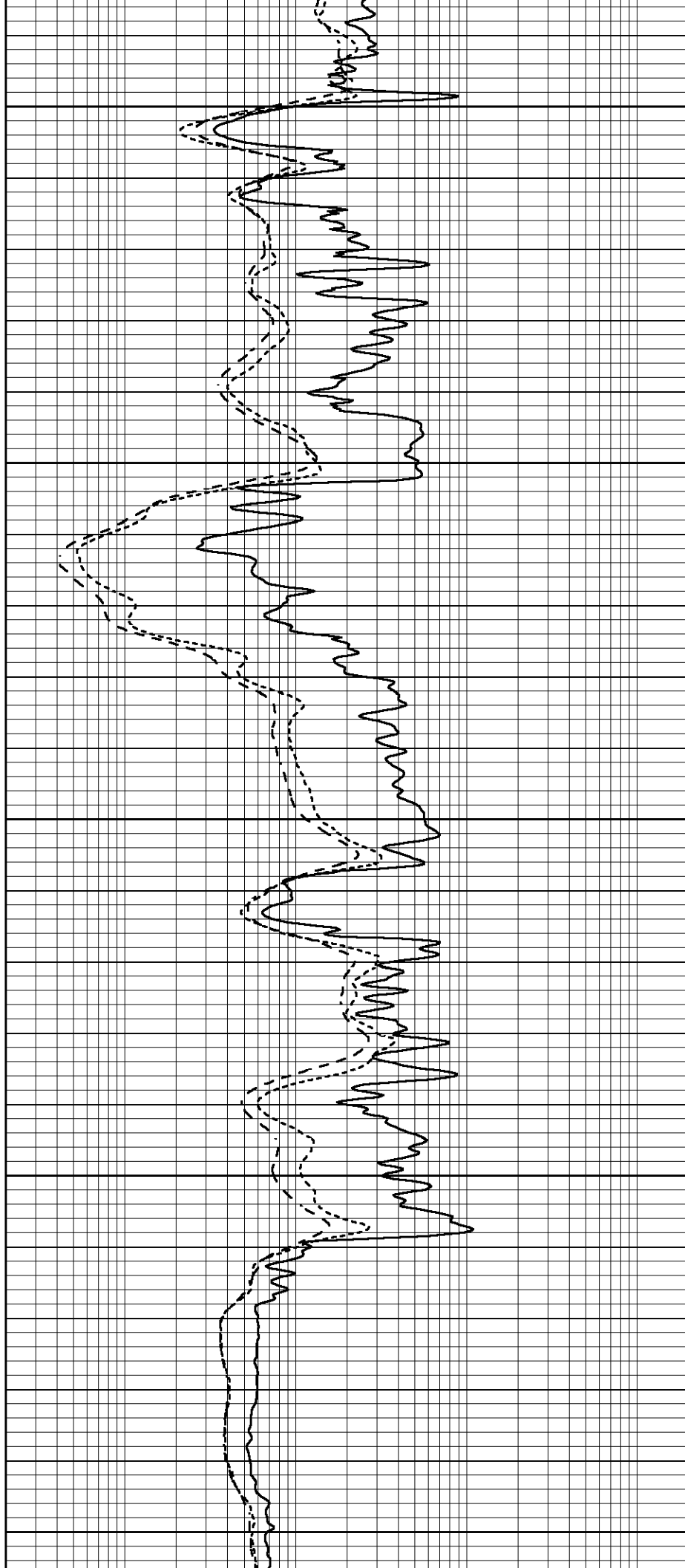
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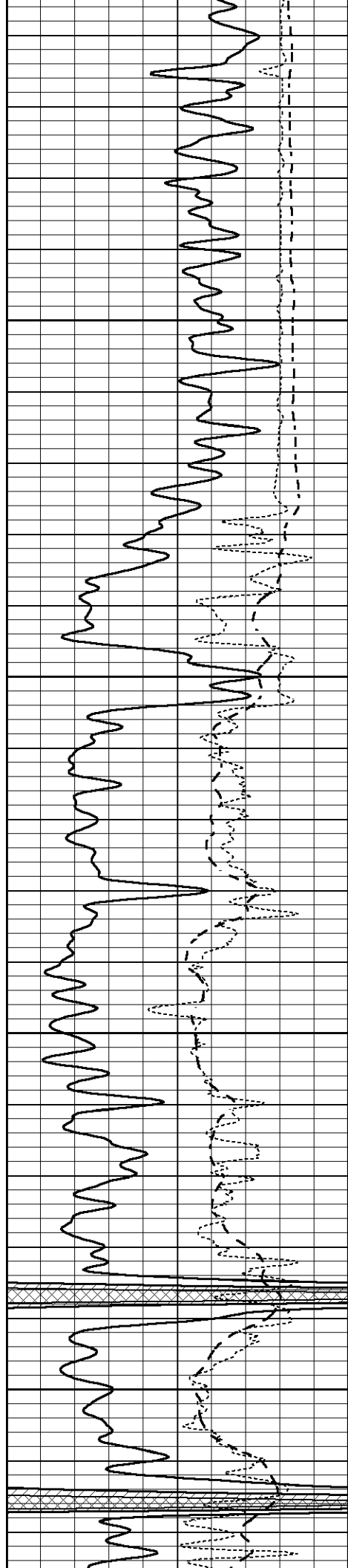
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2150

2200

2250



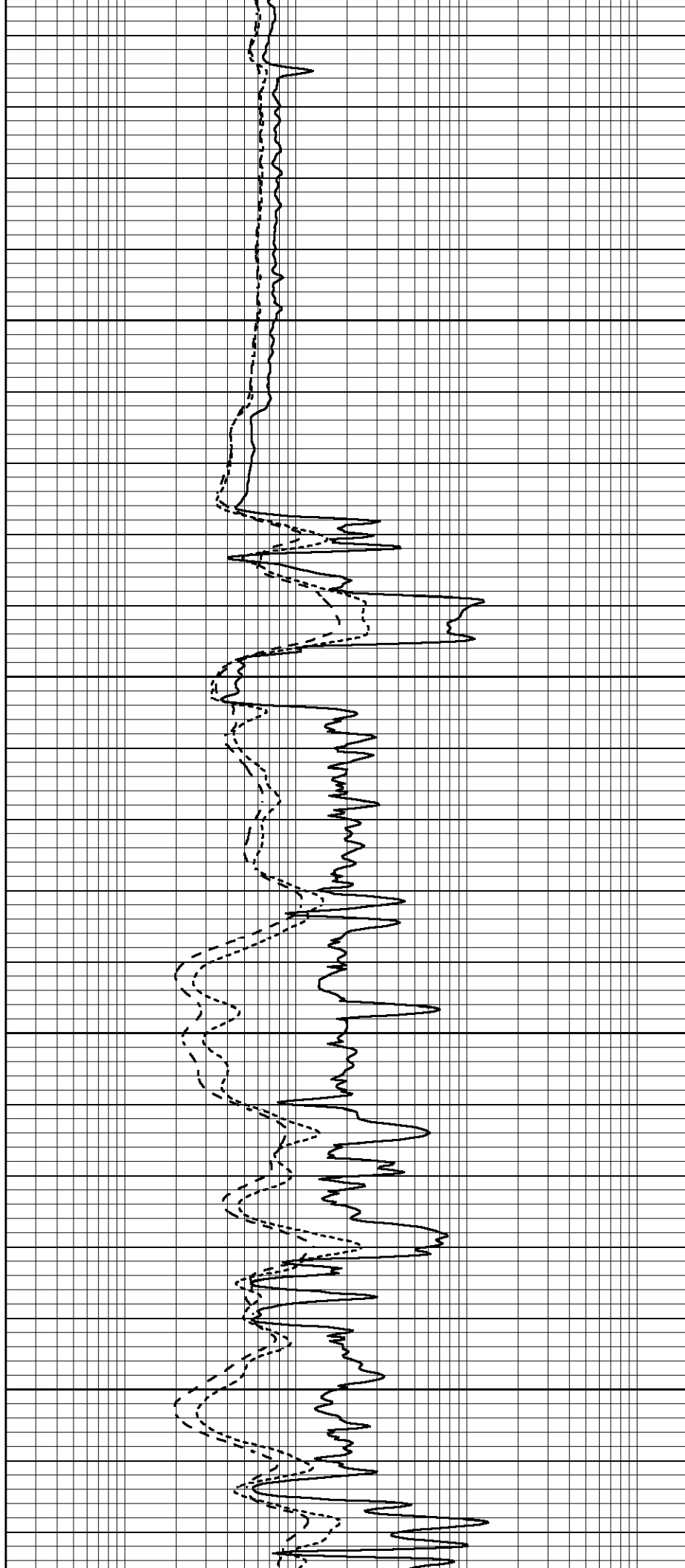


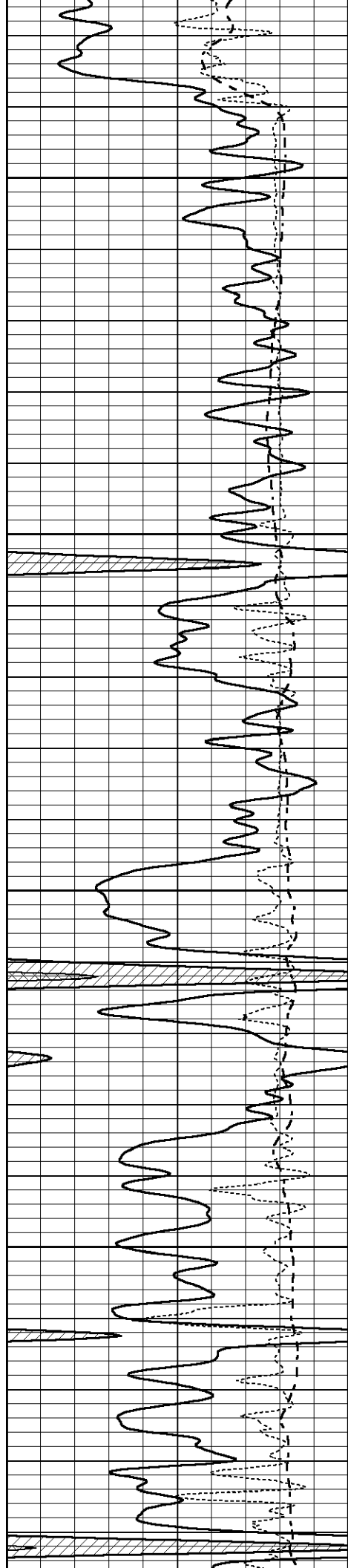
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2350

2400

2450



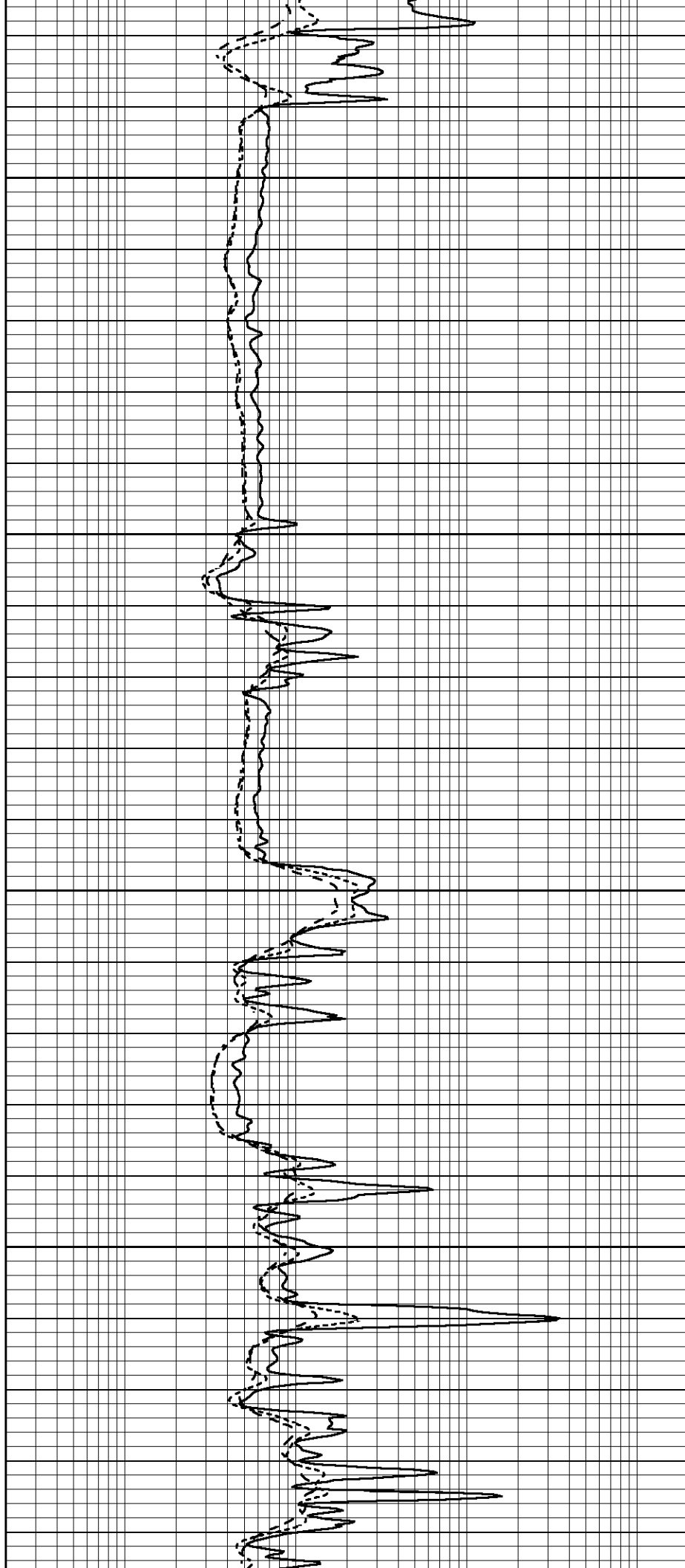


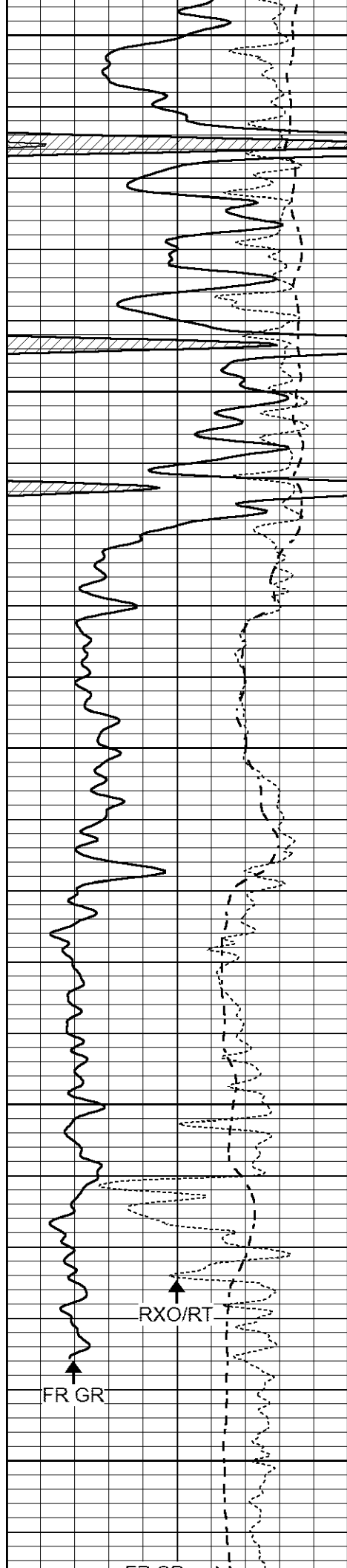
2500

2550

2600

2650





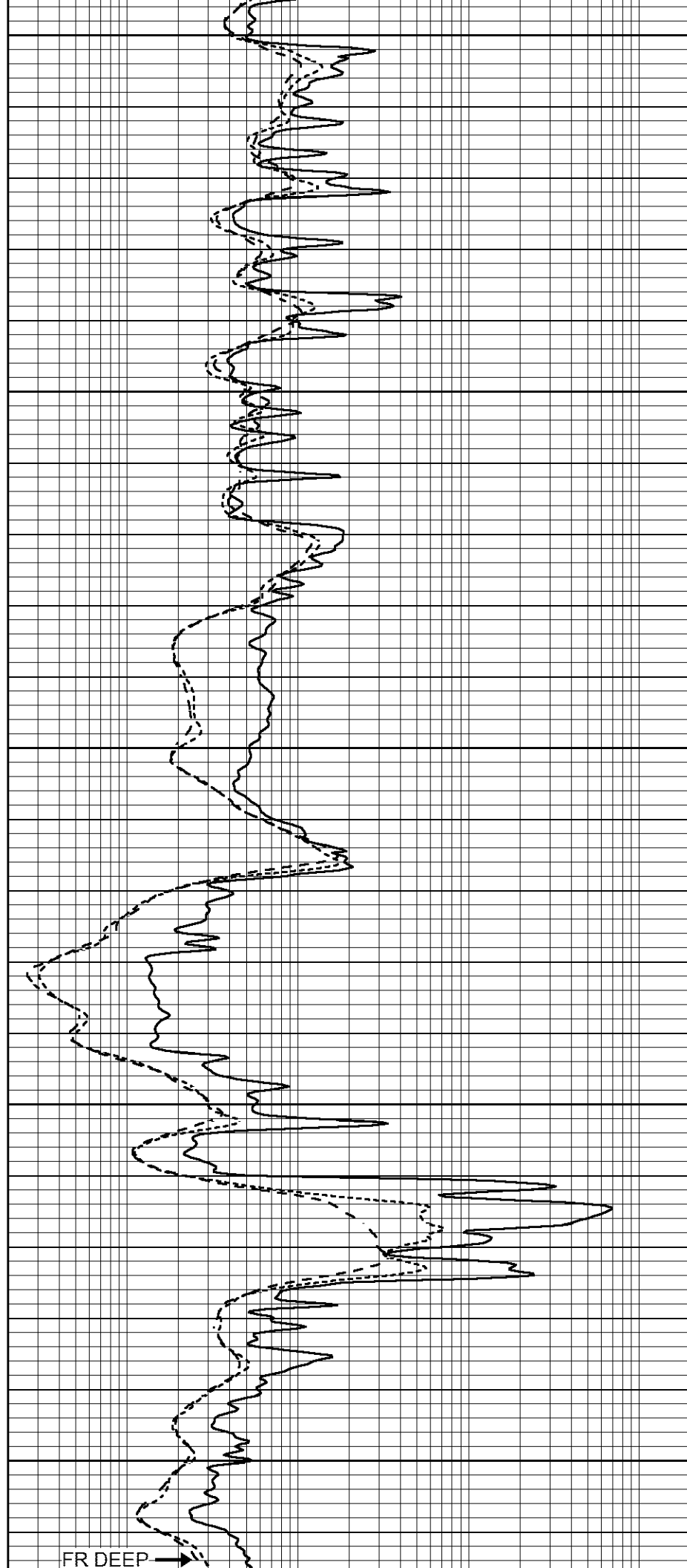
2700

2750

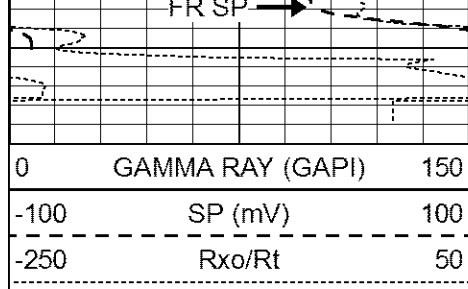
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2850

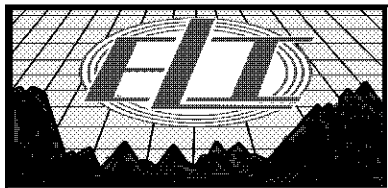
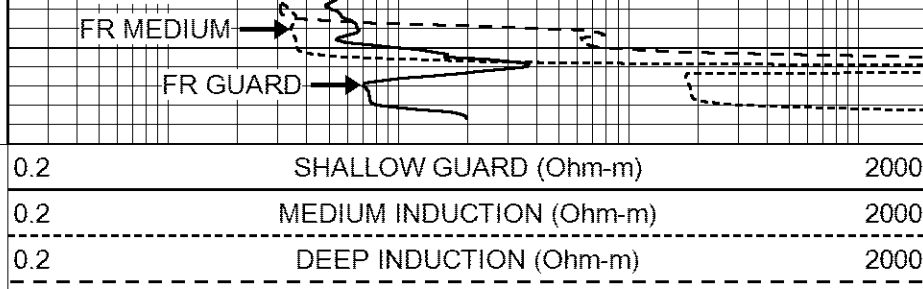
2900



FR DEEP

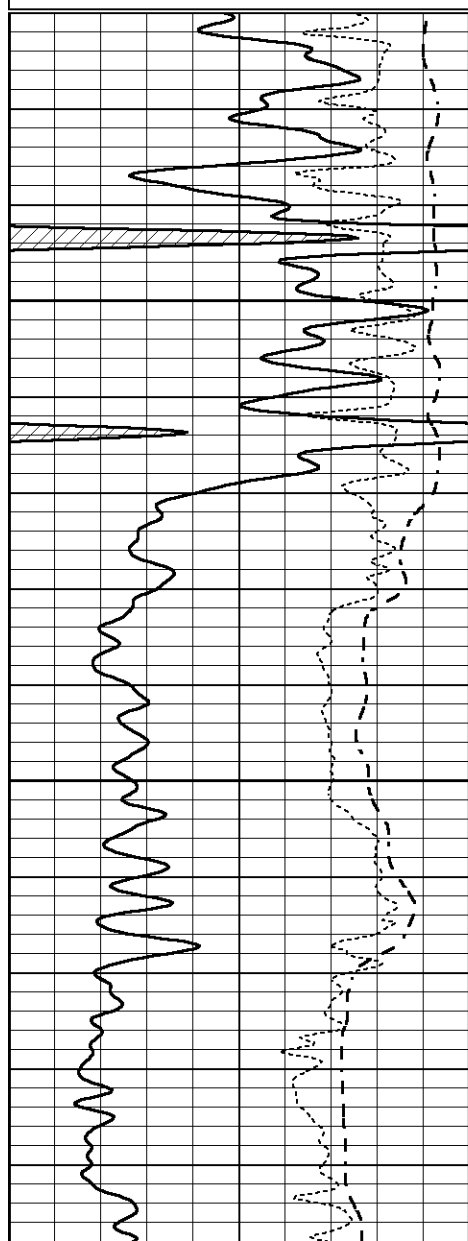
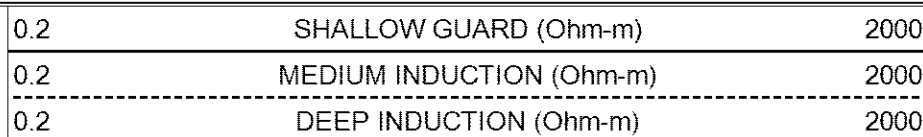
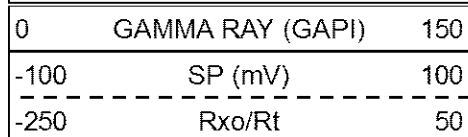


LTD 2926



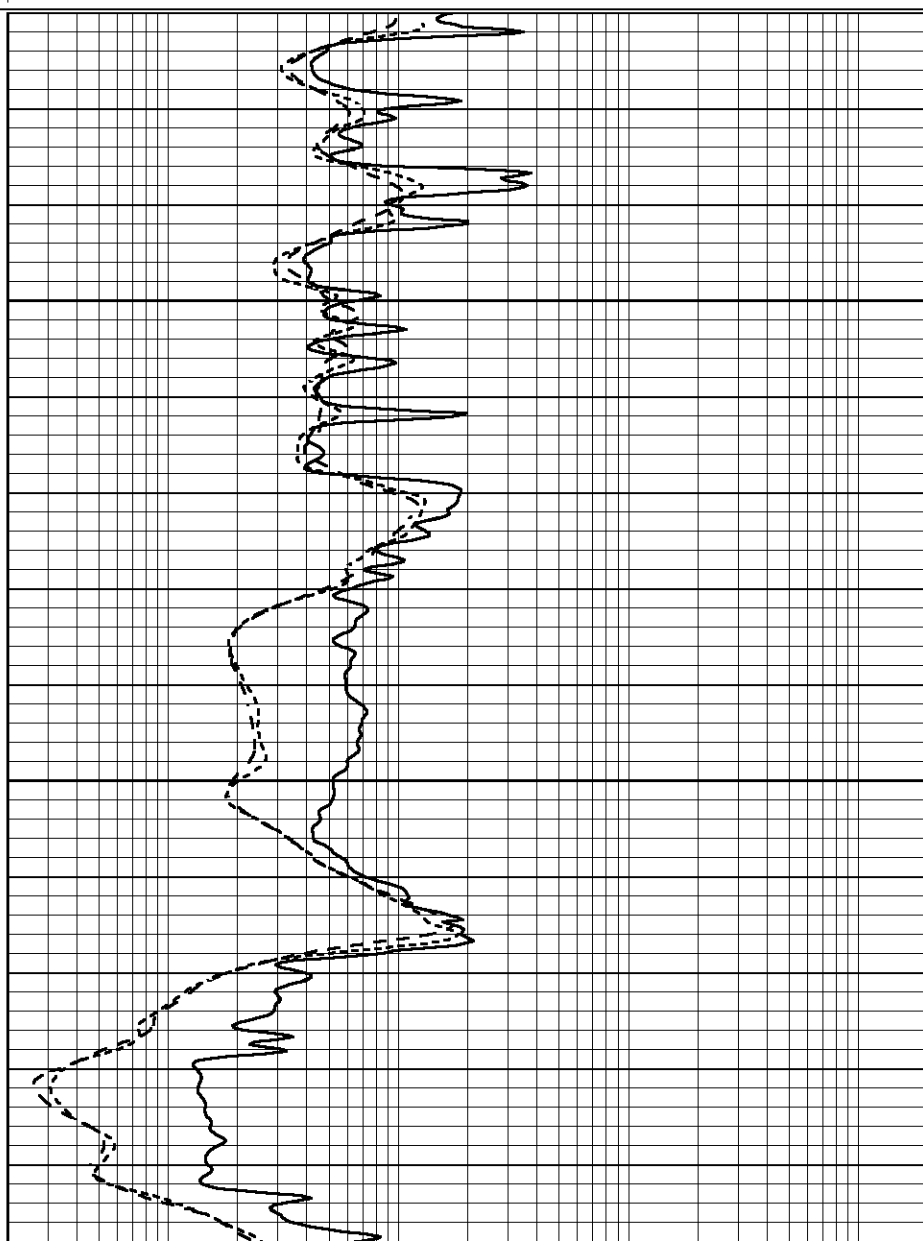
REPEAT SECTION

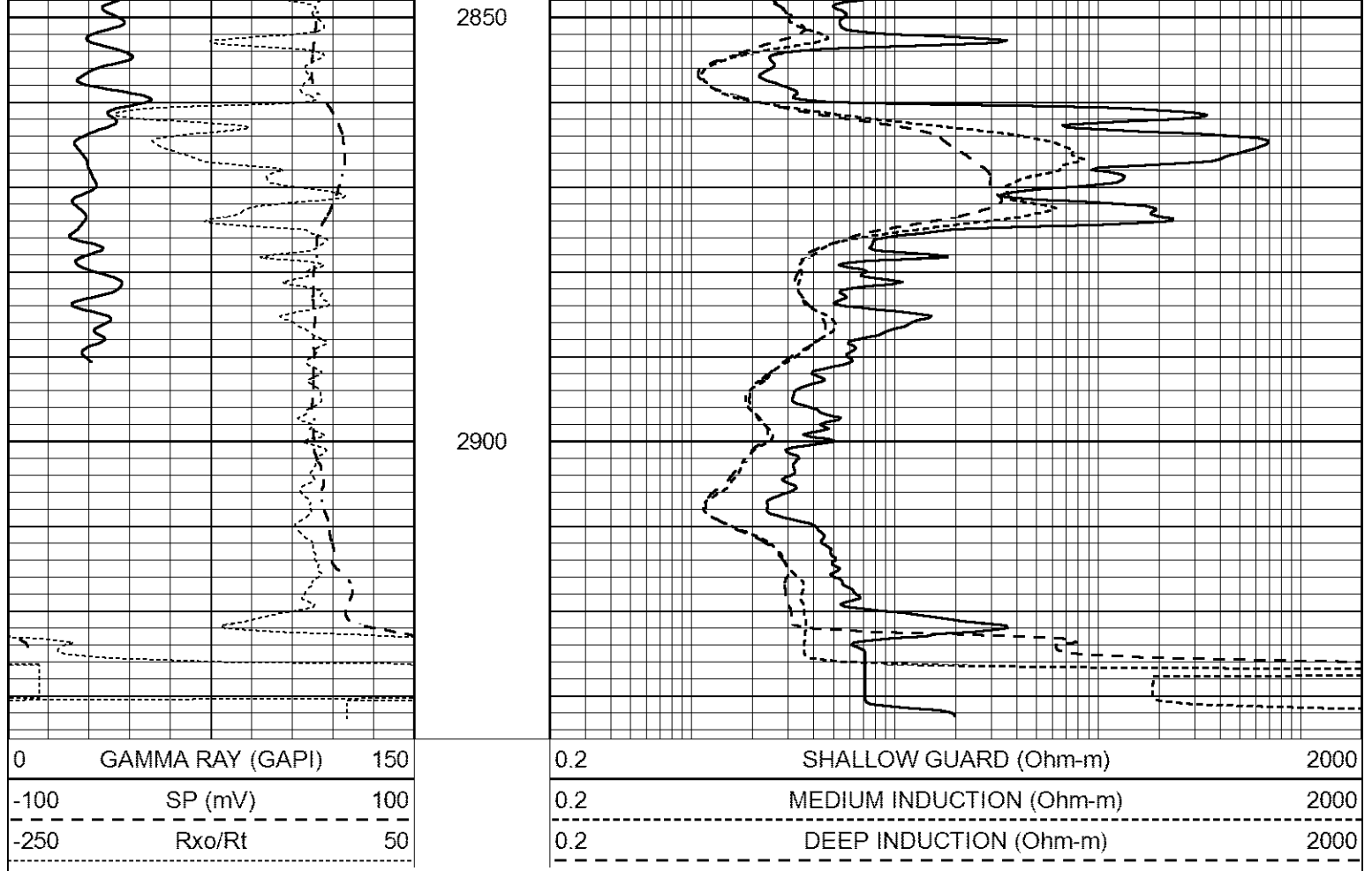
Database File 7230pe.db
 Dataset Pathname pass5R
 Presentation Format _dil
 Dataset Creation Sun Oct 09 11:22:51 2022
 Charted by Depth in Feet scaled 1:240



2750

2800





Calibration Report								
Database File	7230pe.db							
Dataset Pathname	pass6M							
Dataset Creation	Sun Oct 09 12:04:02 2022							
Dual Induction Calibration Report								
Serial-Model:			FW1410-55-Probe					
Surface Cal Performed:			Thu Jun 30 01:48:00 2022					
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	650.000	-3.000
Medium	-0.000	0.731	V	1.000	464.000	mmho/m	632.856	-10.500
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		
		7.121	V		2715.282	Ohm-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: 005			Model: Litho_Ver3					

Master Calibration			Performed Fri May 13 13:54:56 2022					
	Background	Magnesium	Aluminum	Aluminum+Fe				
Window 1	1363.1	46477.8	11515.9	9589.9			cps	
Window 2	1239.4	36488.4	9270.1	7998.9			cps	
Window 3	1044.3	20488.1	5500.7	4913.3			cps	
Window 4	315.7	358.7	321.5	319.5			cps	
Long Space	0.0	35249.0	8030.7	6759.4			cps	
Short Space	1.4	9675.7	6523.4	5391.9			cps	
Rho		1.7100	2.5900	0.0000			g/cc	
Pe		2.0000	2.7500	5.7900				
Rib Angle	: 45.1	Rib Slope	: 1.003	Density/Spine Ratio			: 0.575	
Spine Angle	: 75.1	Spine Slope	: 3.752	Spine Intercept			: -24.0	

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:	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	