



MICRO LOG

Company RANEY OIL COMPANY, LLC.
 Well BRUCE #1
 Field ALBRIGHT
 County COWLEY
 State KANSAS

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Location: API #: 15-035-24760-0000
 960' FSL & 2160' FEL
 SE - NW - SW - SE
 SEC 11 TWP 34S RGE 5E
 Permanent Datum GROUND LEVEL Elevation 1238
 Log Measured From KELLY BUSHING 9' A.G.L
 Drilling Measured From KELLY BUSHING
 Other Services CDL/CNL/PE DIL/SON
 Elevation K.B: 1247
 D.F: 1245
 G.L: 1238

Date	1/7/23		
Run Number	TWO		
Depth Driller	3330		
Depth Logger	3332		
Bottom Logged Interval	3316		
Top Log Interval	1700		
Casing Driller	8 5/8" @ 209		
Casing Logger	209		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 2.500 PPM	
Density / Viscosity	9.7/39		
pH / Fluid Loss	9.5/11.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.50 @ 76F		
Rmt @ Meas. Temp	1.13 @ 76F		
Rmc @ Meas. Temp	1.80 @ 76F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	1.04 @ 110F		
Time Circulation Stopped	6 HOURS		
Time Logger on Bottom	3.30 A.M.		
Maximum Recorded Temperature	110F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	COLE ROBBEN		
Witnessed By	BILL STOUT		

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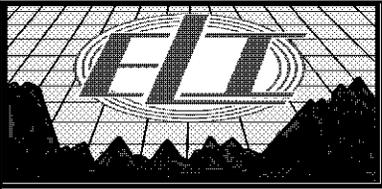
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

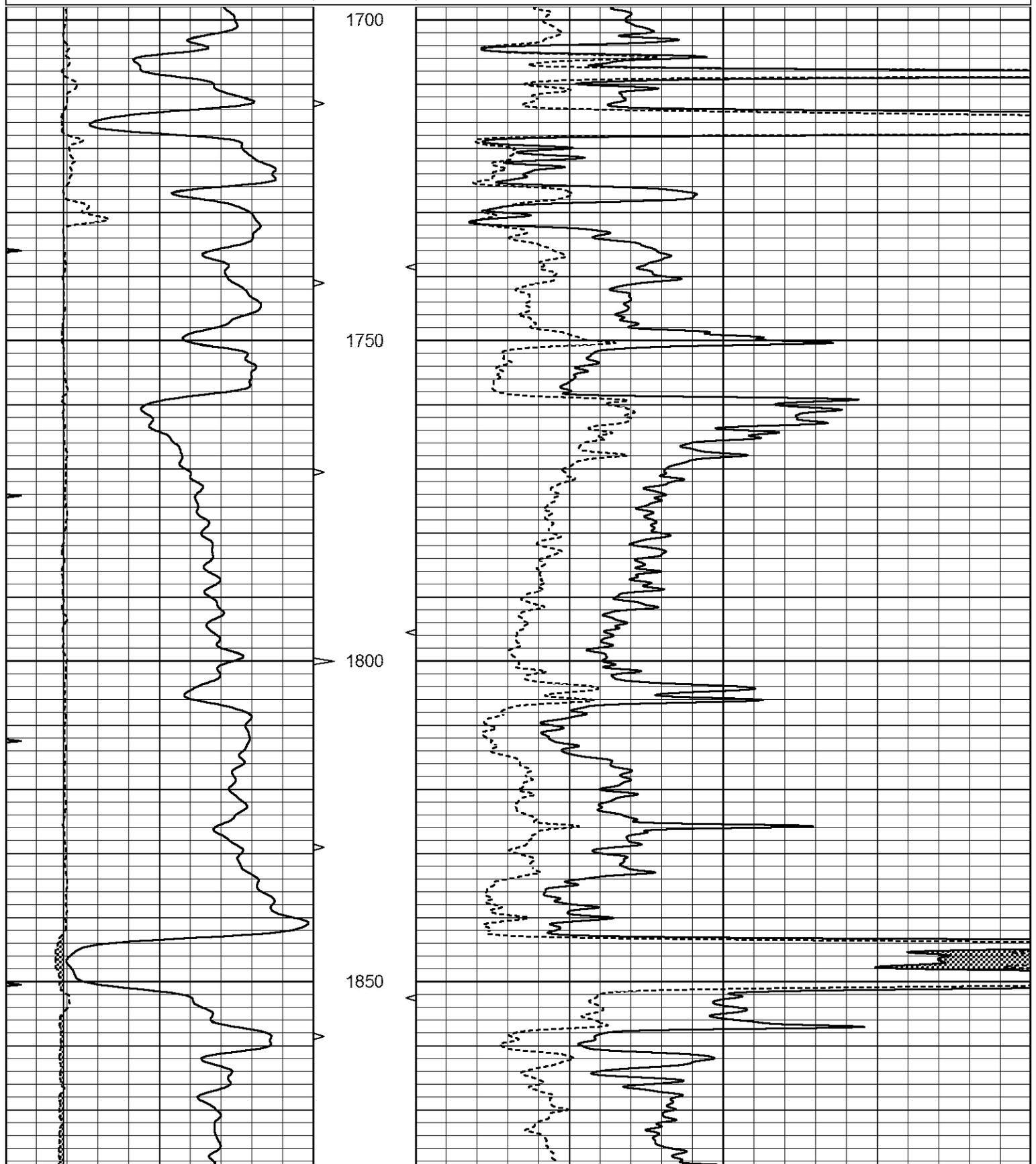
FROM ARKANSAS CITY, KANSAS GO 9 MILES EAST ON HIGHWAY 166 TO GROUSE CREEK ROAD, FOLLOW FOR 2 1/2 MILES TO 256TH ROAD, FOLLOW NORTH UP A HILL THEN CURVE WEST, SOUTH INTO THROUGH GATE

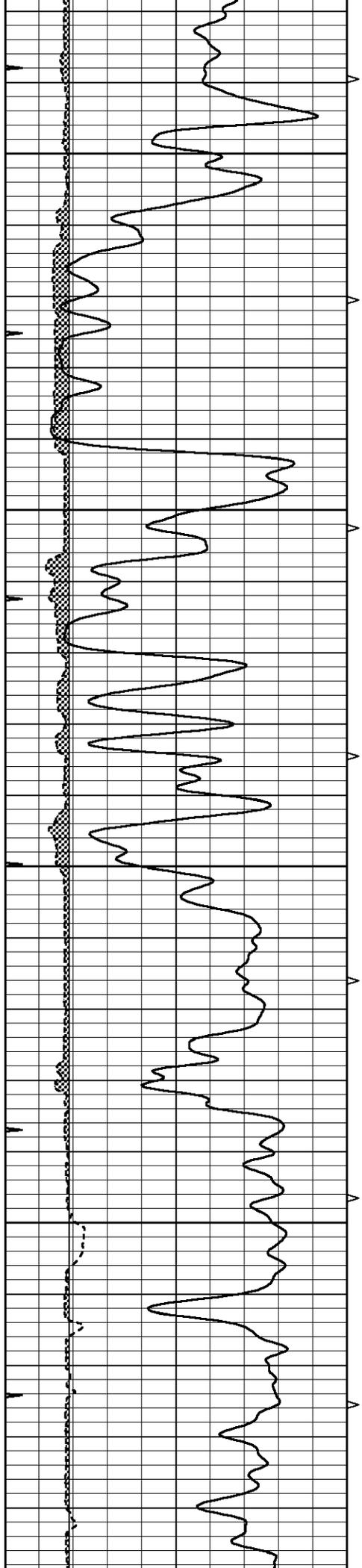


MAIN SECTION

Database File 7526pe.db
 Dataset Pathname pass6D
 Presentation Format _micro
 Dataset Creation Sat Jan 07 04:55:12 2023
 Charted by Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		



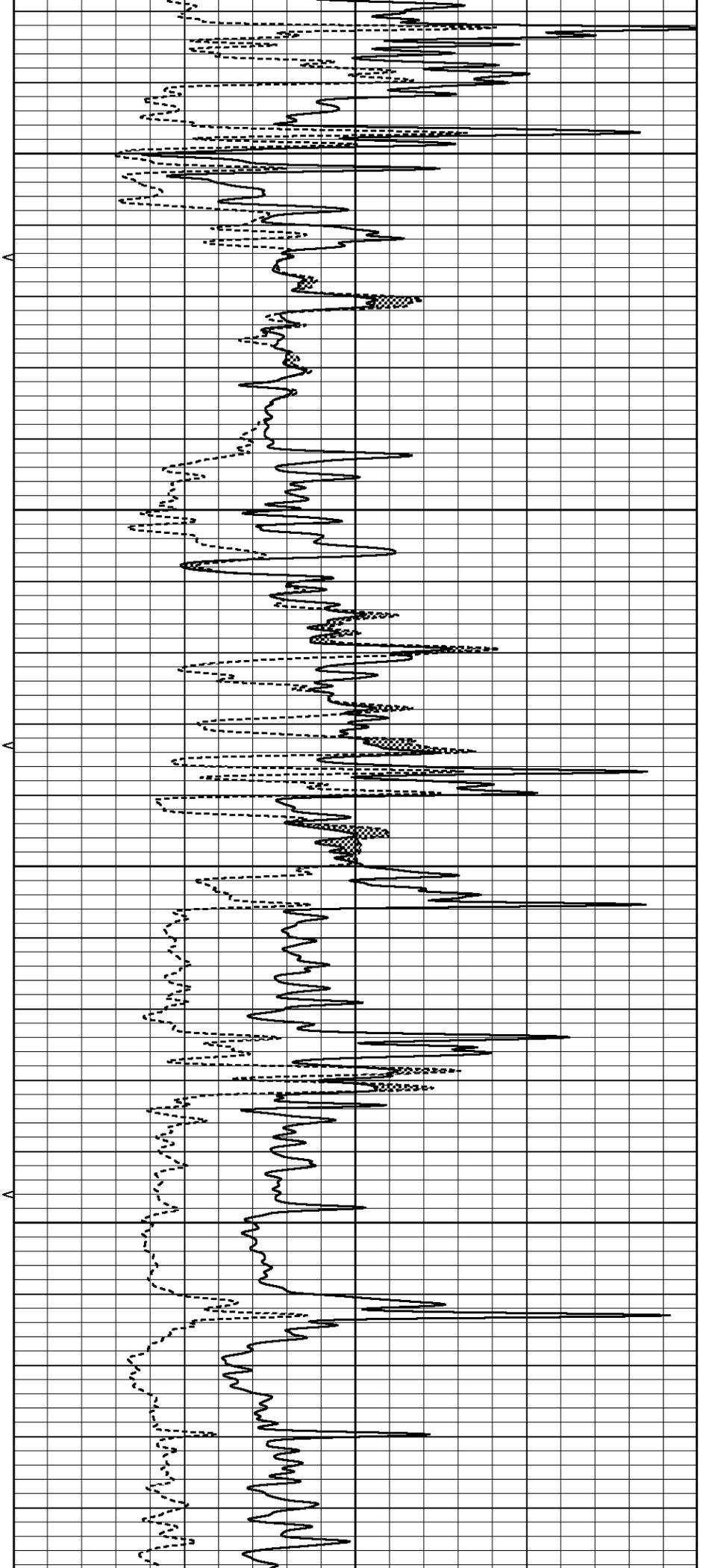


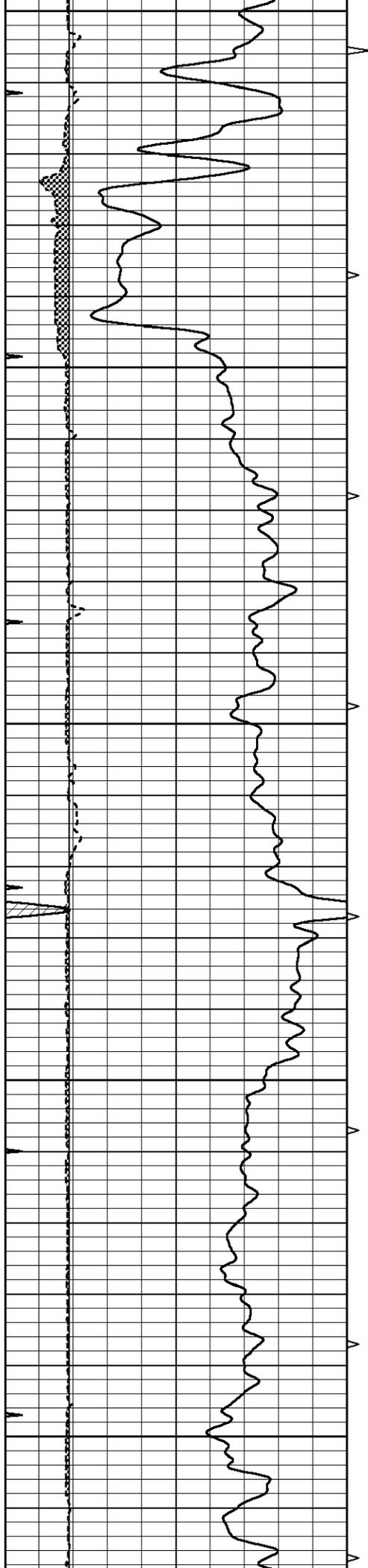
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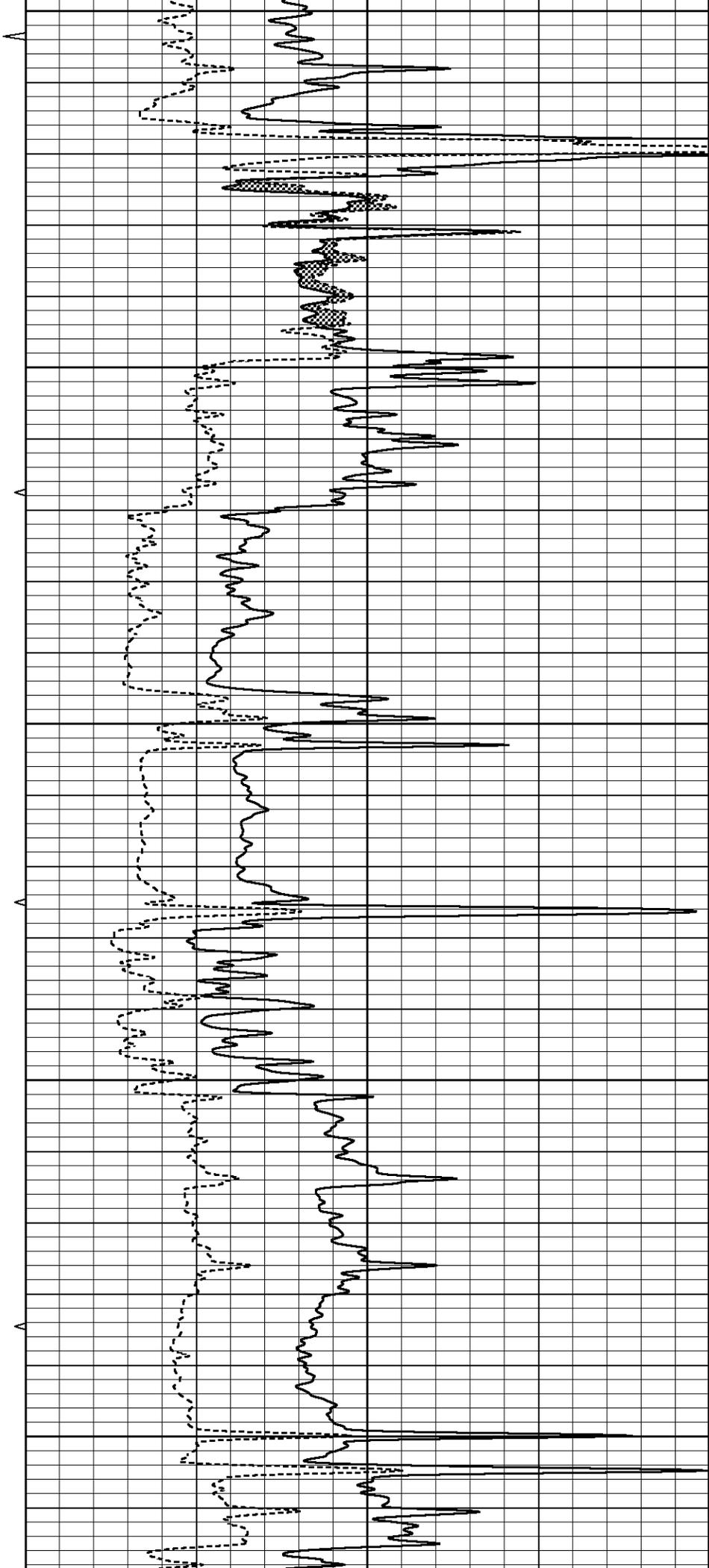
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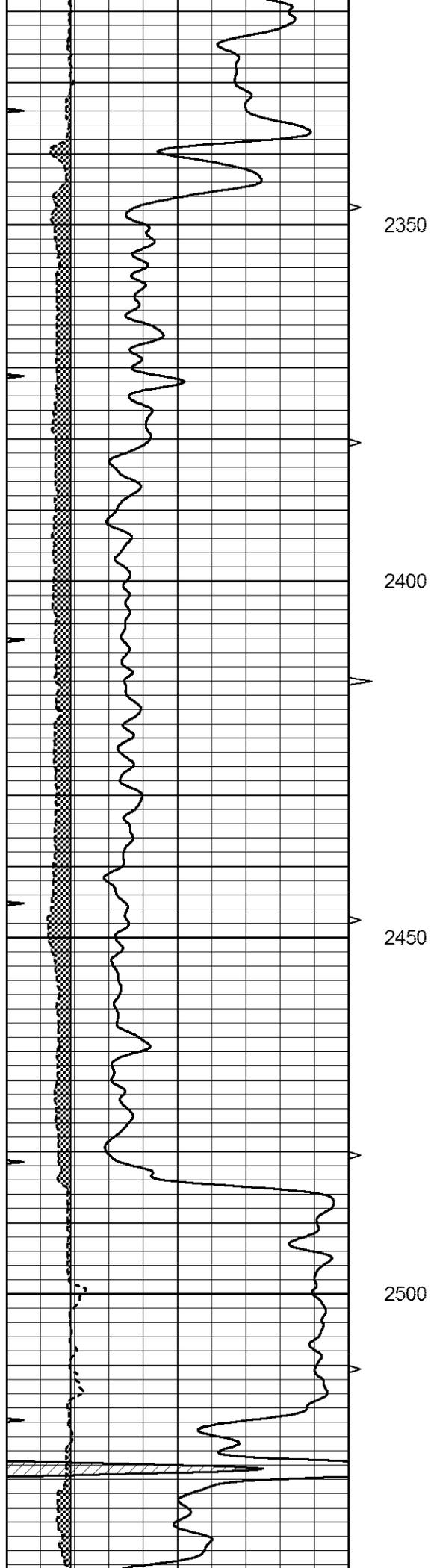
2050





2100
2150
2200
2250
2300



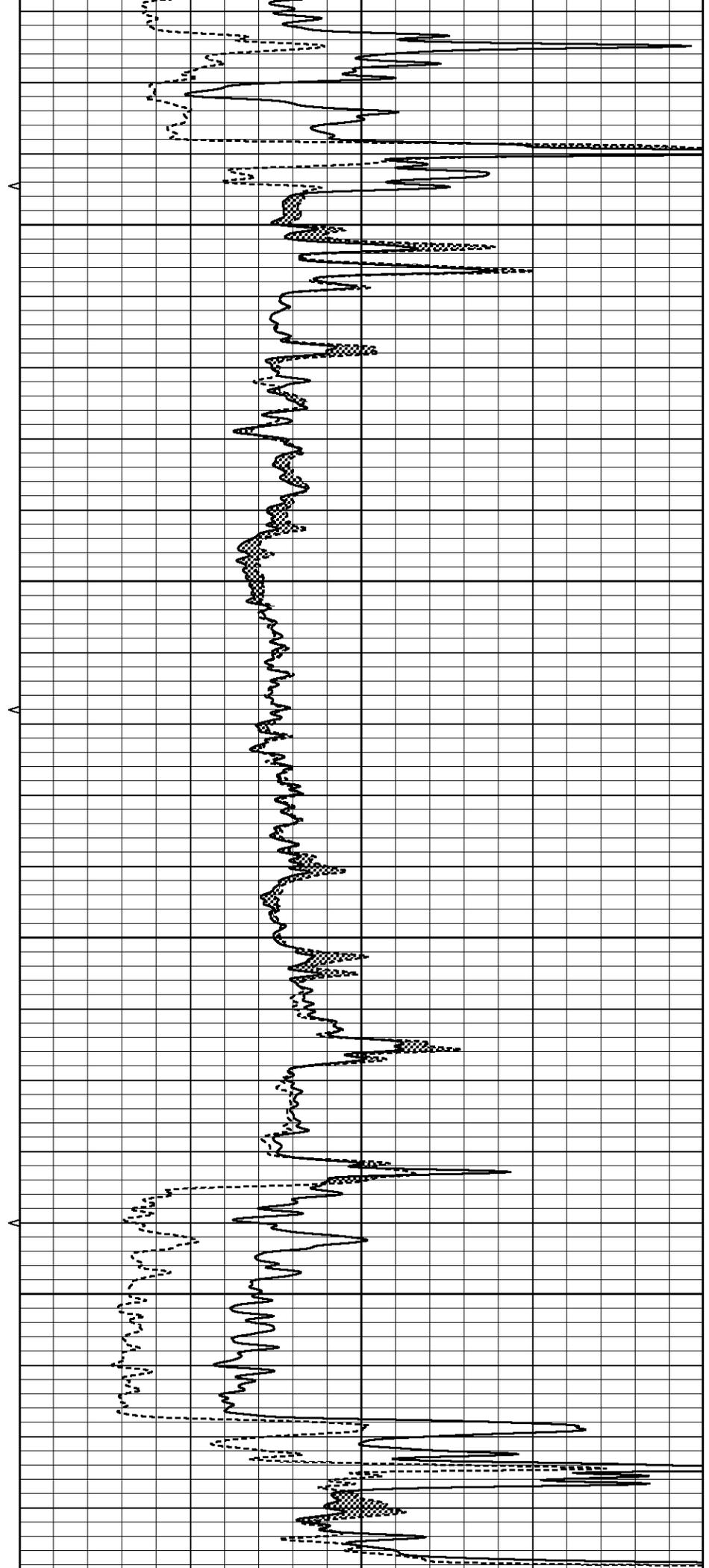


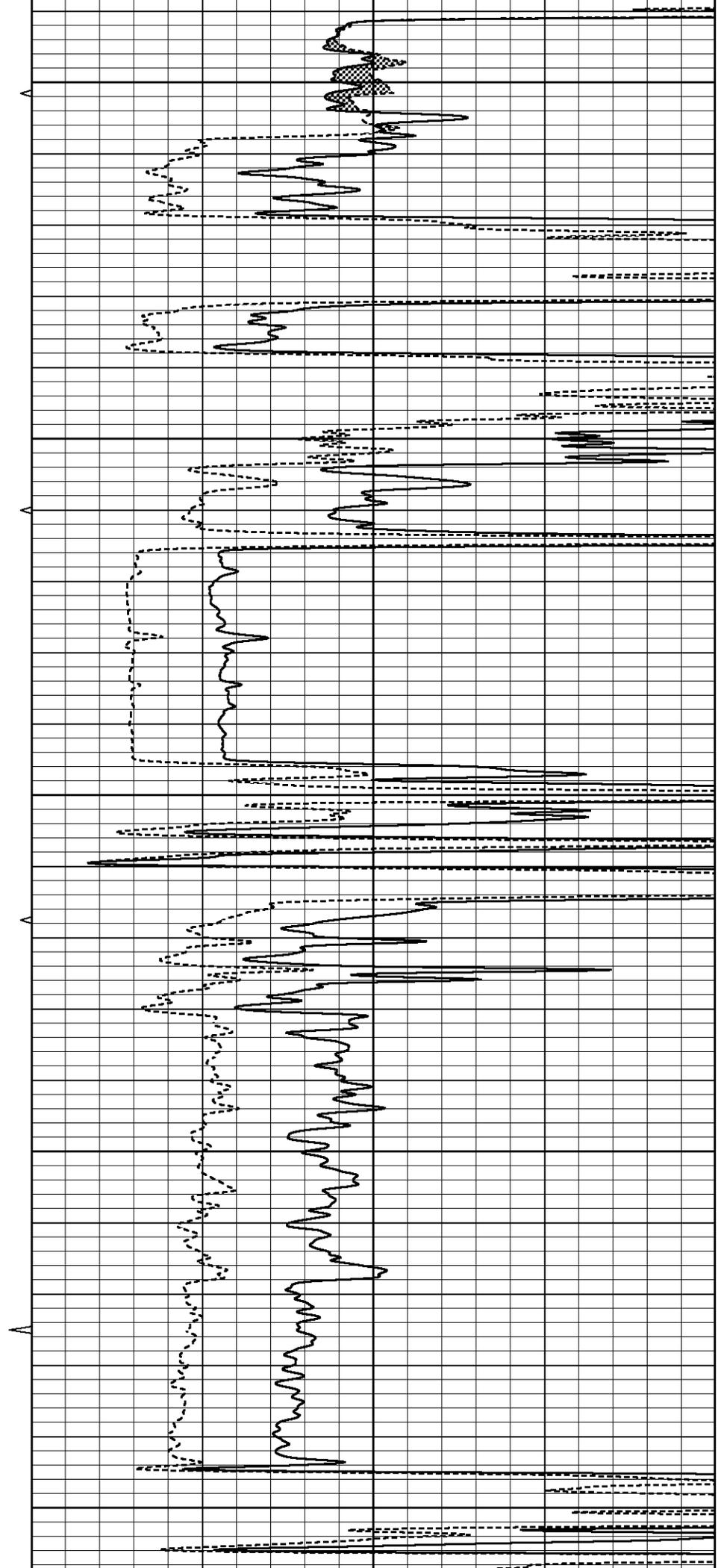
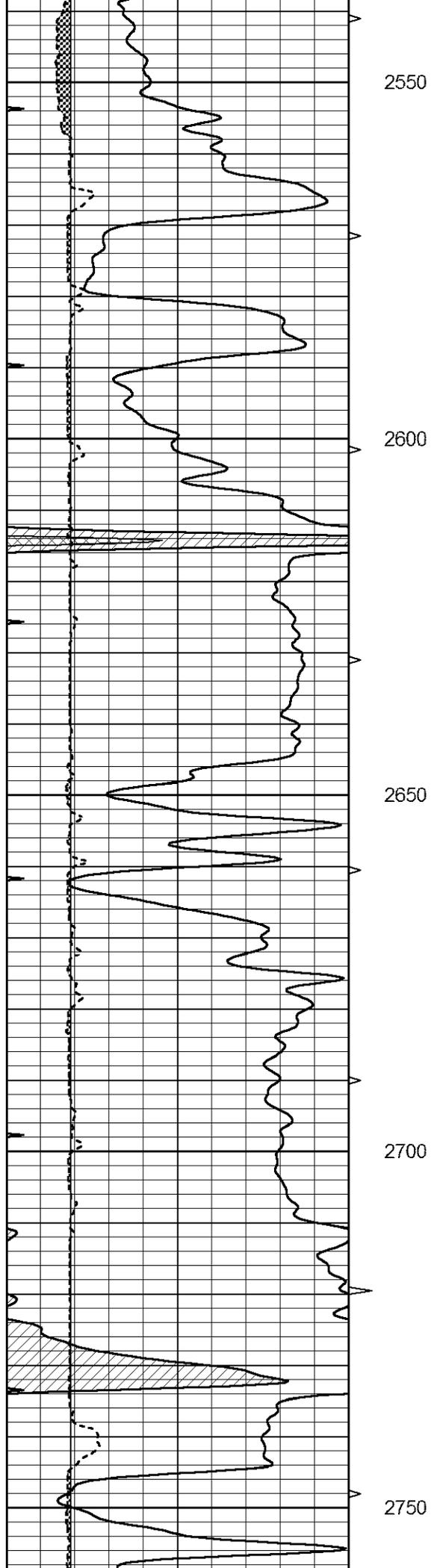
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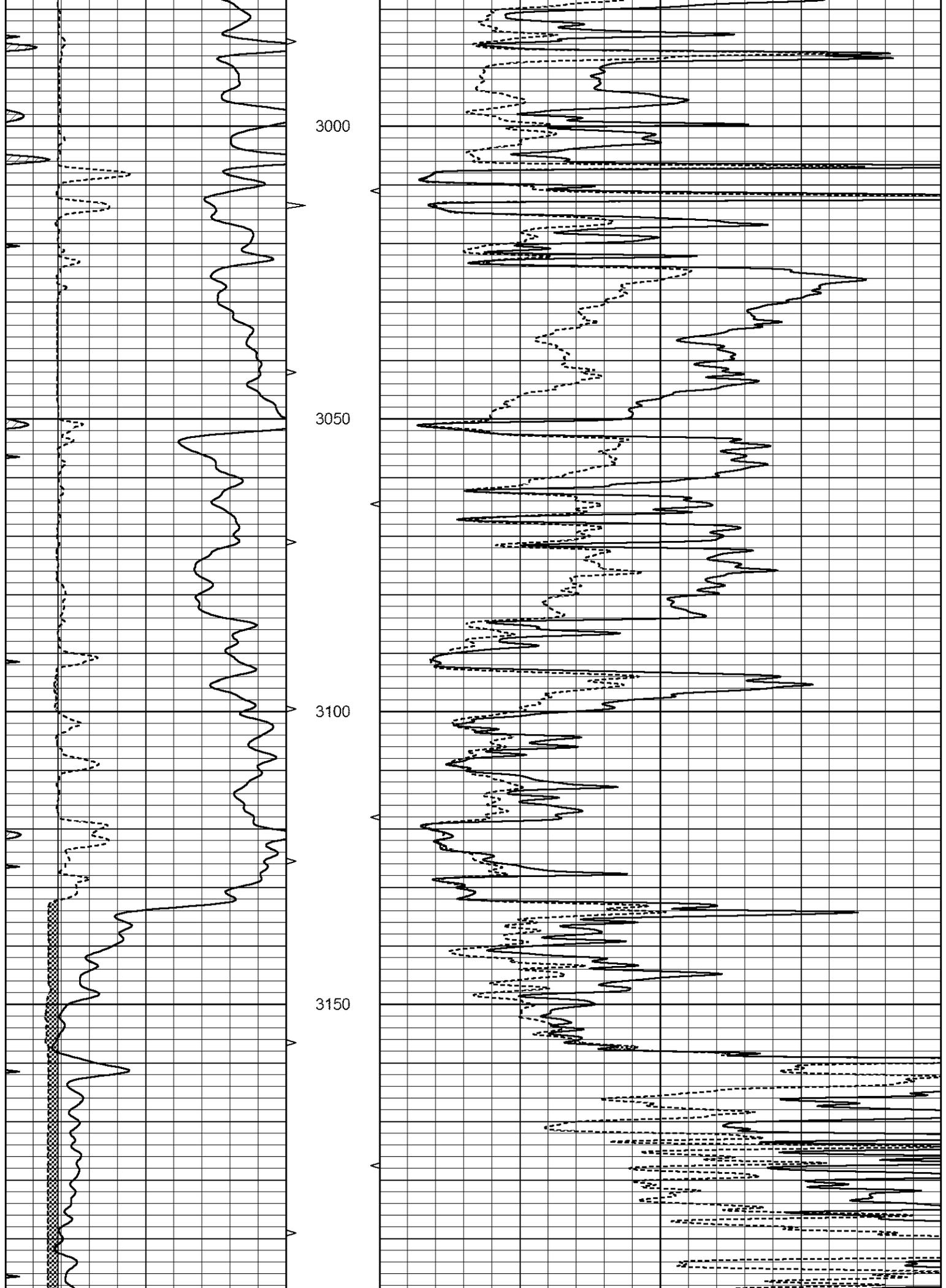
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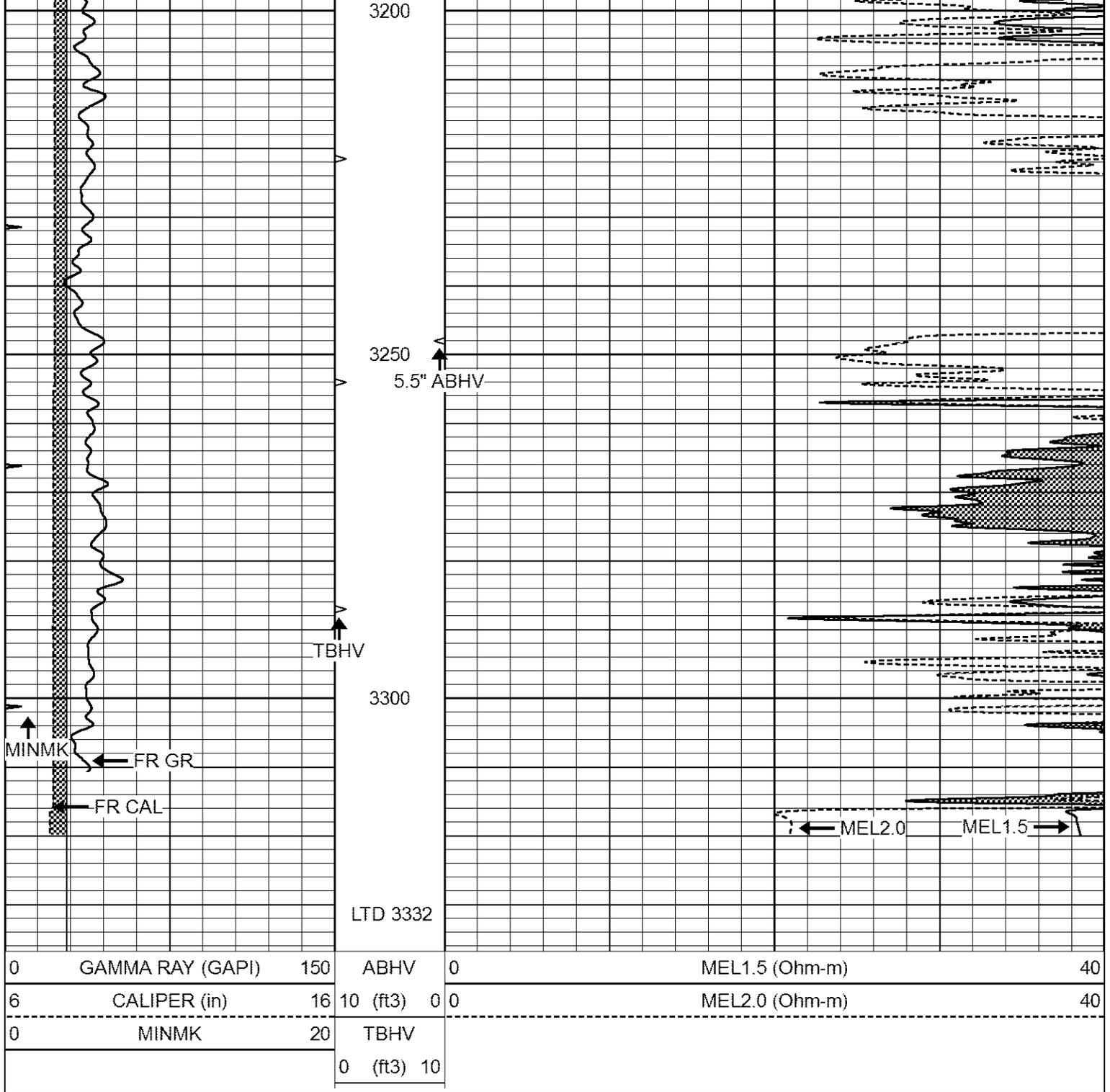
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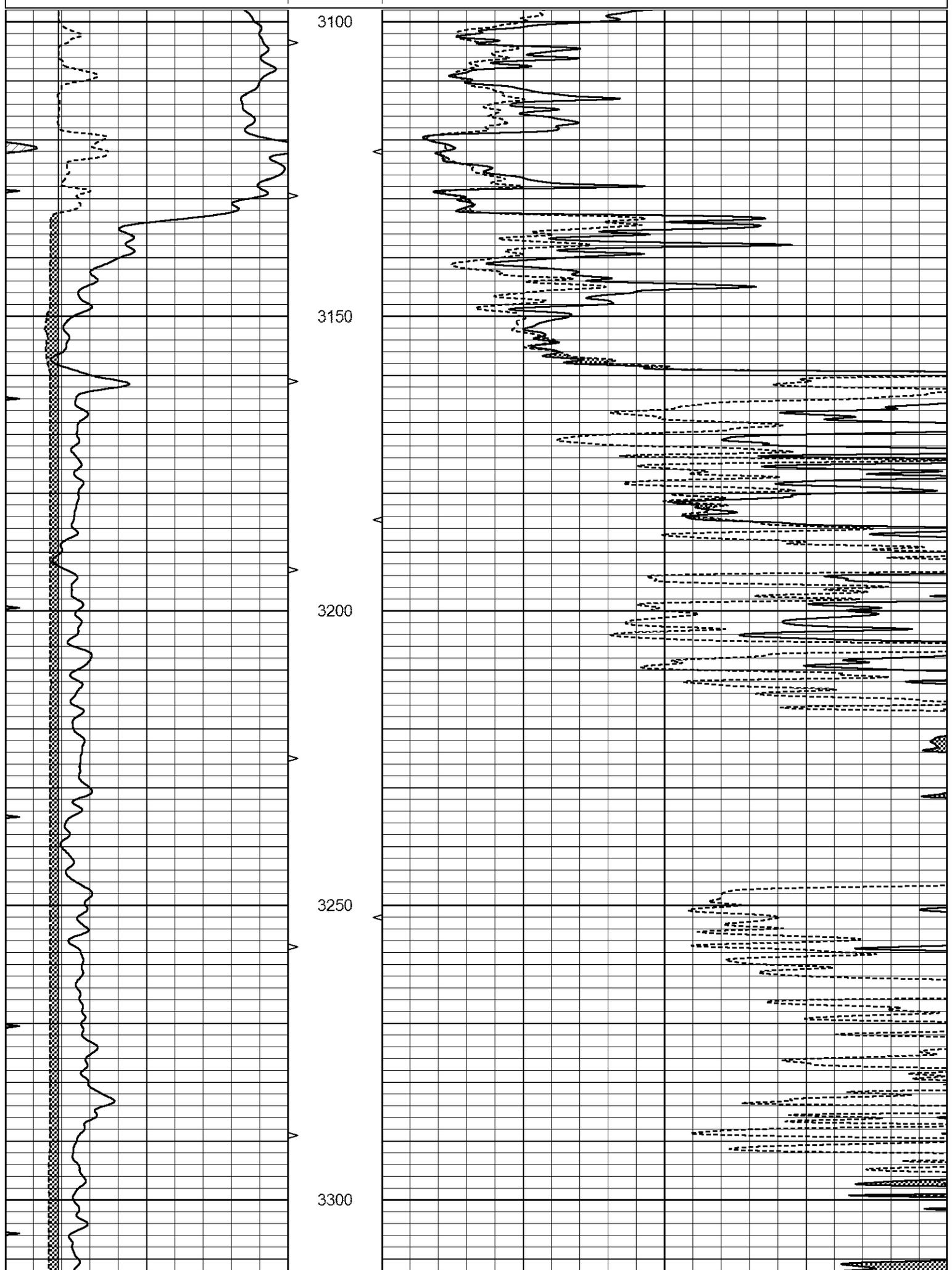


REPEAT SECTION

Database File 7526pe.db
 Dataset Pathname pass5.1
 Presentation Format _micro
 Dataset Creation Sat Jan 07 04:32:34 2023
 Charted by Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0 0	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		

0 (ft3) 10



0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3) 0	0	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3) 10			

Calibration Report

Database File 7526pe.db
 Dataset Pathname pass6D
 Dataset Creation Sat Jan 07 04:55:12 2023

MICRO_USR Calibration Report

Serial Number: 070911
 Tool Model: ProbeL
 Performed: Sat Nov 19 21:03:49 2022

Caliper Calibration: Gain=4.500 Offset=0.350
 References Low Cal High Cal
 8.000 14.000
 Readings 1.451 3.049

1.5" Calibration: Gain=47.000 Offset=-0.500
 References Low Cal High Cal
 0.000 20.000
 Readings 0.004 0.843

2" Calibration: Gain=47.000 Offset=0.000
 References Low Cal High Cal
 0.000 20.000
 Readings 0.021 0.810

Microlog Calibration Report

Serial-Model: 070911-ProbeL
 Performed: Sat May 14 04:48:25 2022

	Readings		V	References			Results	
	Zero	Cal		Zero	Cal		m	b
Normal	0.0002	0.4836	V	0.0000	10.0000	Ohm-m	20.6908	-0.0051
Inverse	0.0018	0.6297	V	0.0000	10.0000	Ohm-m	15.9263	-0.0282
Caliper	0.0000	1.0000	V	0.0000	1.0000	in	1.0000	0.0000

Gamma Ray Calibration Report

Serial Number: 070558
 Tool Model: Probe1
 Performed: Sat Jul 02 05:55:58 2022

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps

Sensitivity:

0.2600

GAPI/cps