



MICRO LOG

Company DOWNING-NELSON OIL COMPANY, INC.

Well HFI #5-27

Field HOUSE FARMS

County RAWLINS State KANSAS

Location: API #: 15-153-21360-0000

Other Services

SEC 27 TWP 04S RGE 36W

GROUND LEVEL Elevation 3359

Log Measured From KELLY BUSHING 11' A.G.L.
Drilling Measured From KELLY BUSHING

Elevation
K.B. 3370
D.F. 3368
G.L. 3359

Date 12/2/25

Run Number TWO

Depth Driller 4860

Depth Logger 4861

Bottom Logged Interval 4859

Top Log Interval 3600

Casing Driller 8,625 @480

Casing Logger 480

Bit Size 7.875

Type Fluid in Hole CHEMICAL MUD

Density / Viscosity 9.870

pH / Fluid Loss 8.0/8.8

Source of Sample FLOWLINE

Rm @ Meas. Temp 1.80 @ 88F

Rmf @ Meas. Temp 1.35 @ 88F

Rmc @ Meas. Temp 2.16 @ 88F

Source of Rmf / Rmc MEASUREMENT

Rm @ BHT 1.28 @ 124F

Time Circulation Stopped 4 HOURS

Time Logger on Bottom 2:15 AM

Maximum Recorded Temperature 124F

Equipment Number 3802

Location HAYS, KANSAS

Recorded By COLE ROBBEN

Witnessed By T J DREILING

Comments

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

DIRECTIONS:

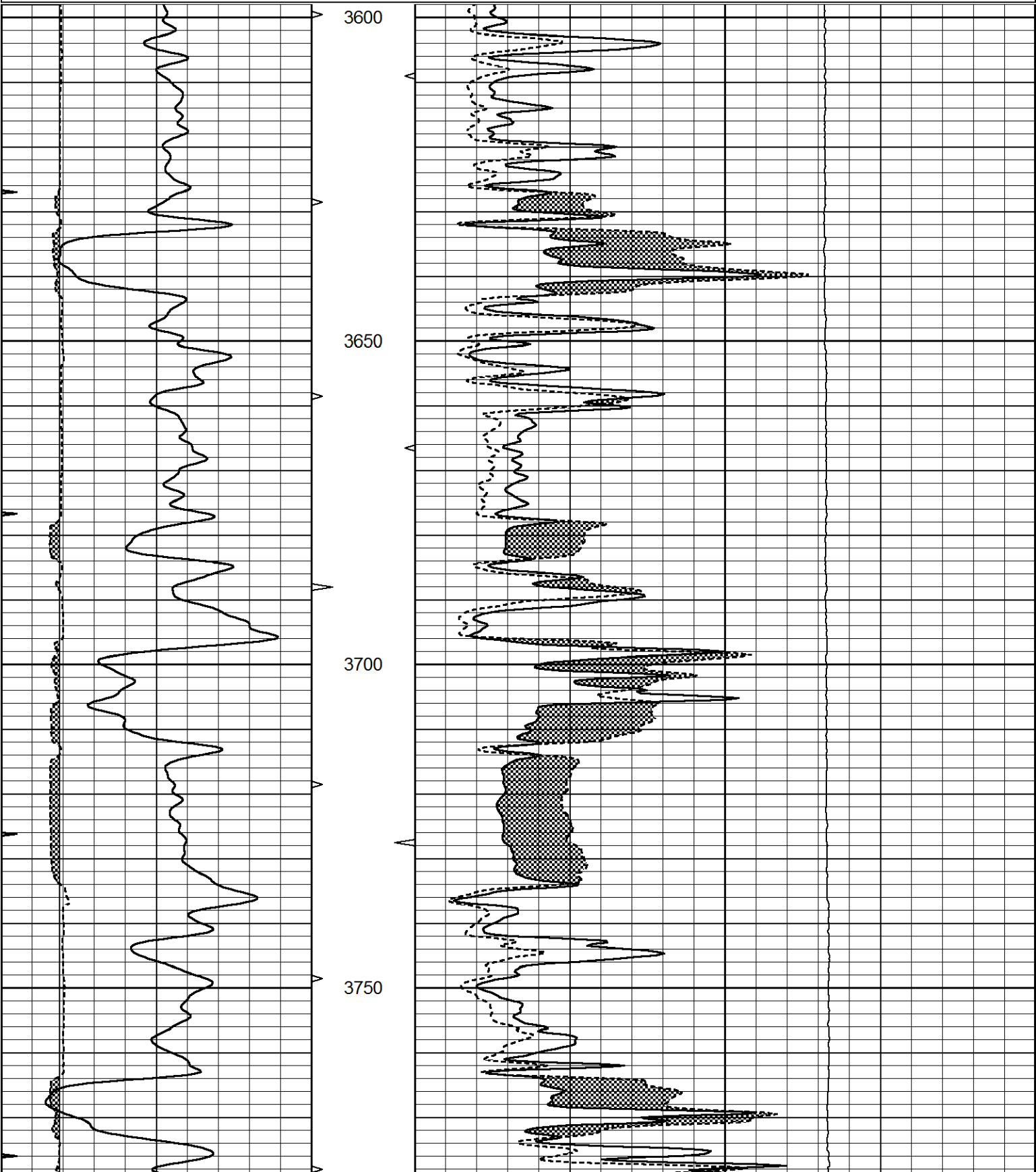
FROM BREWSTER, KANSAS - NORTH 25 MILES ON ROAD 2 TO COUNTY ROAD 'H', 1 MILE
EAST, NORTH INTO

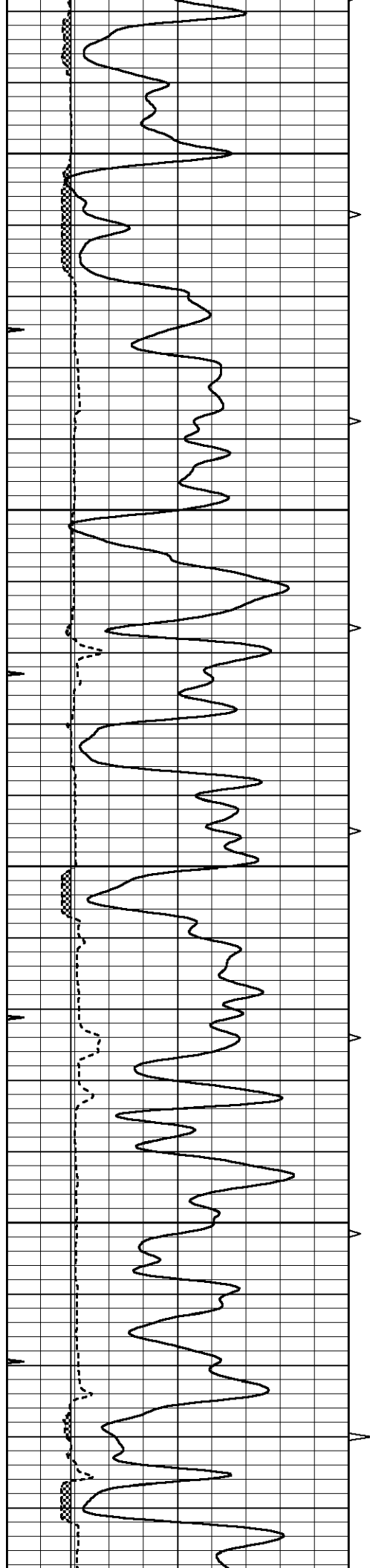


MAIN SECTION

Database File	9739ddn.db
Dataset Pathname	pass6.D
Presentation Format	_micro
Dataset Creation	Tue Dec 02 03:23:29 2025
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	LTEN (lb)
			0 (ft3)	10		



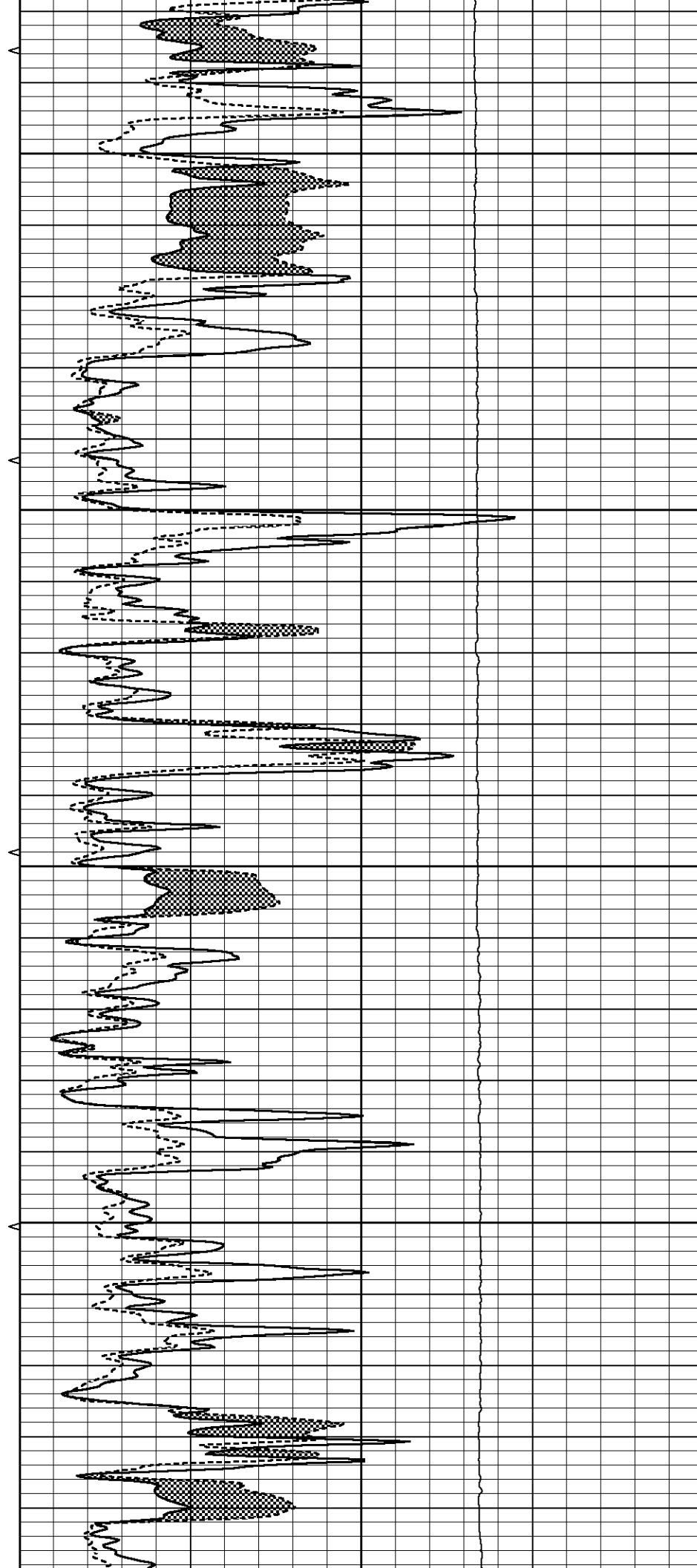


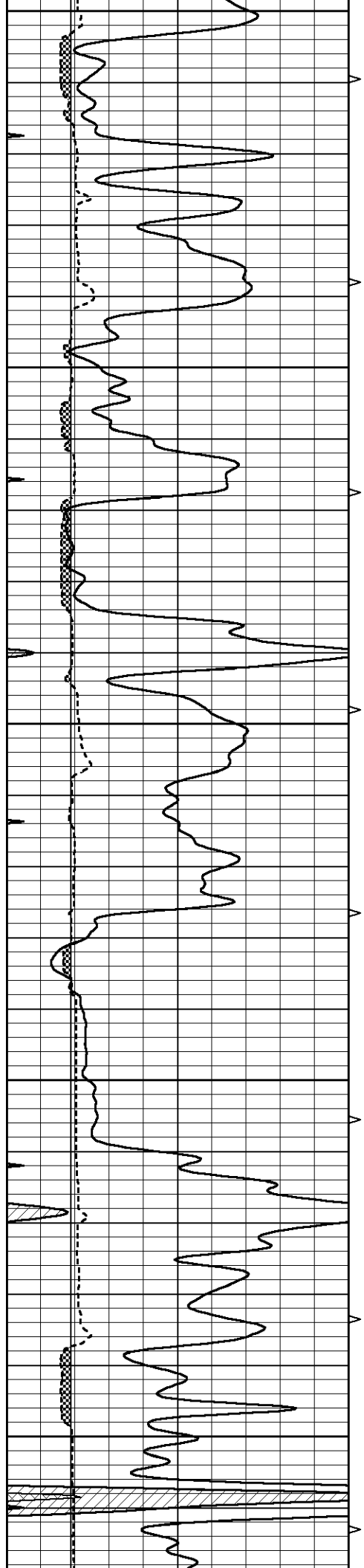
3800

3850

3900

3950





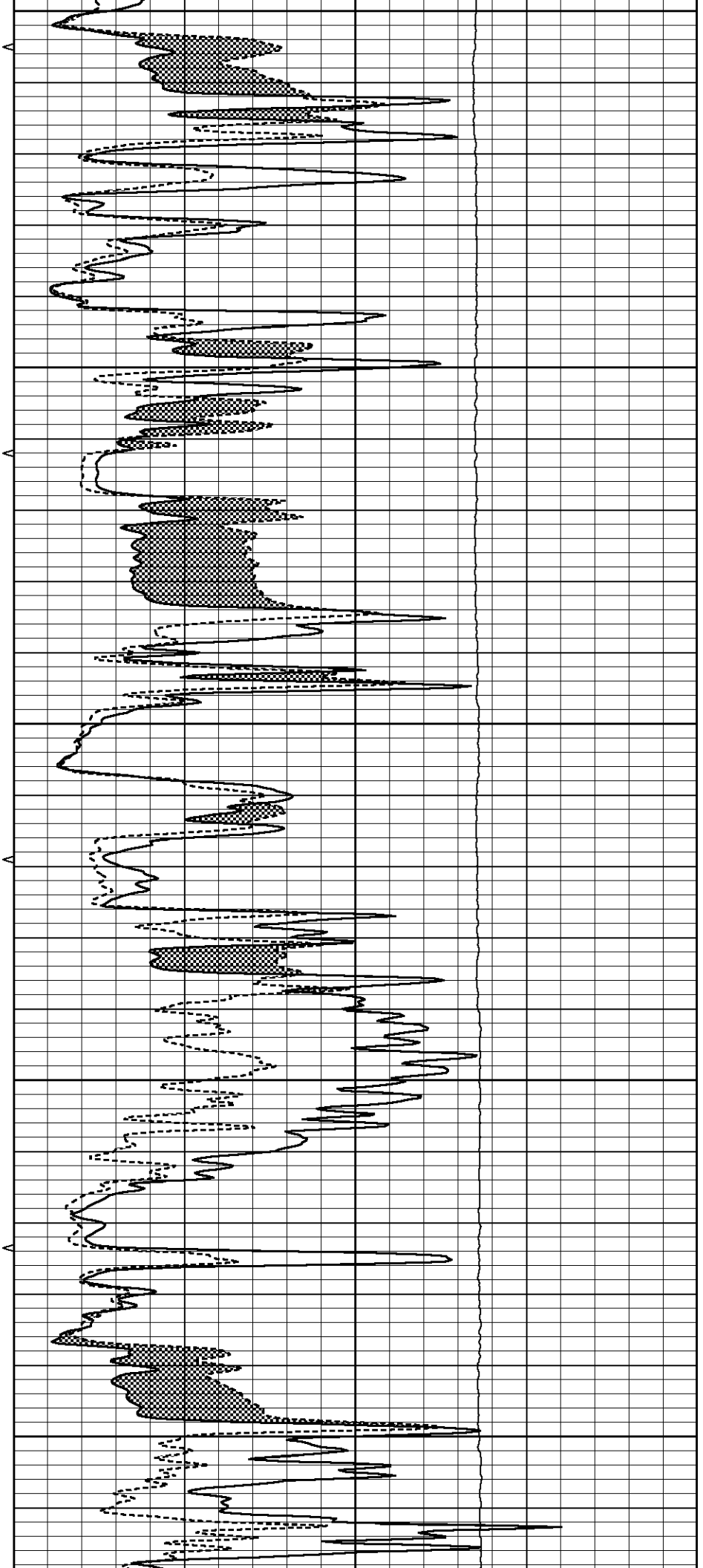
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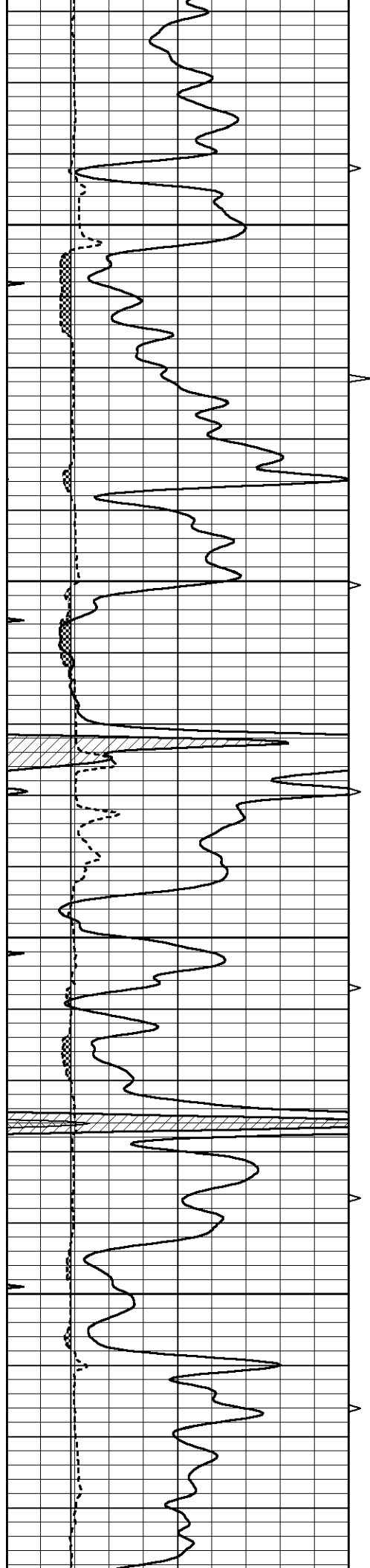
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4100

4150

4200



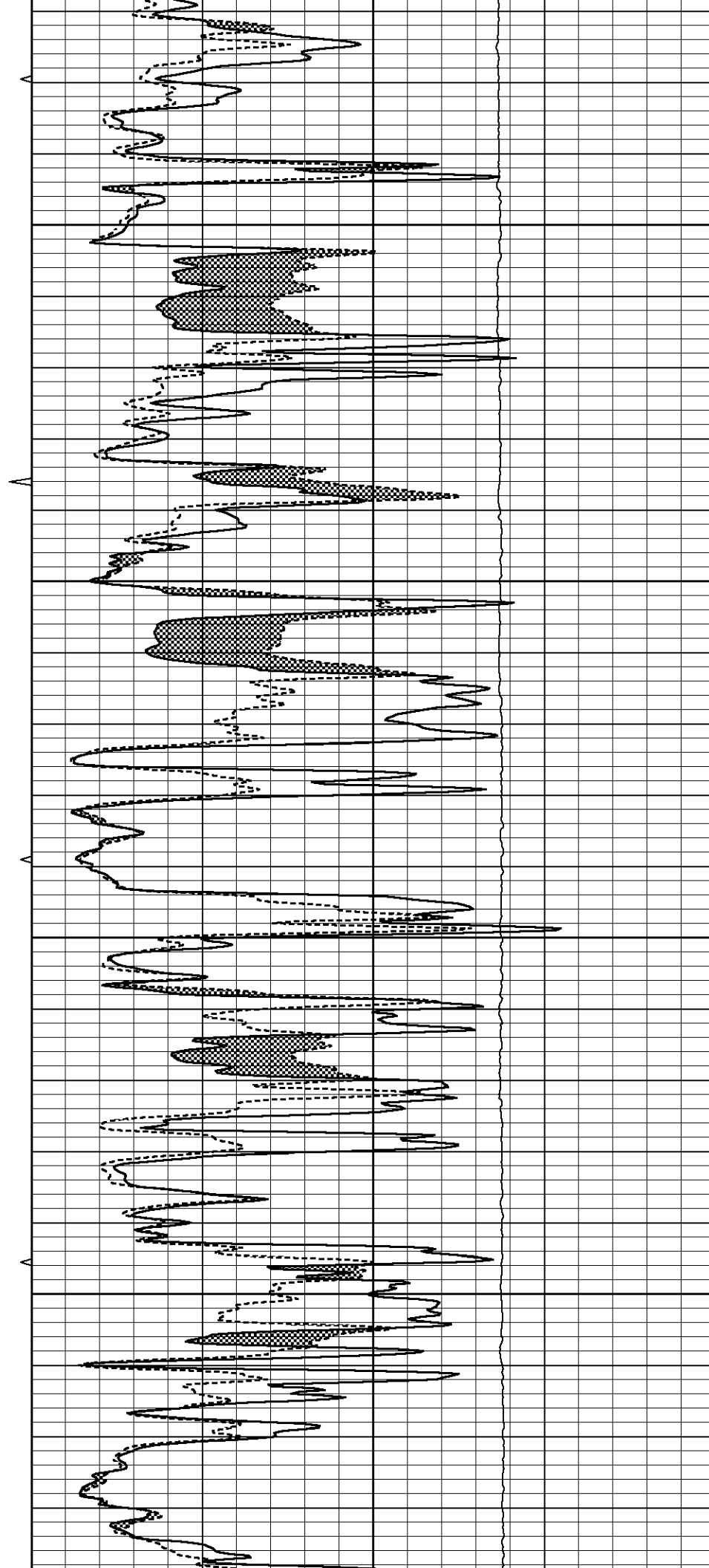


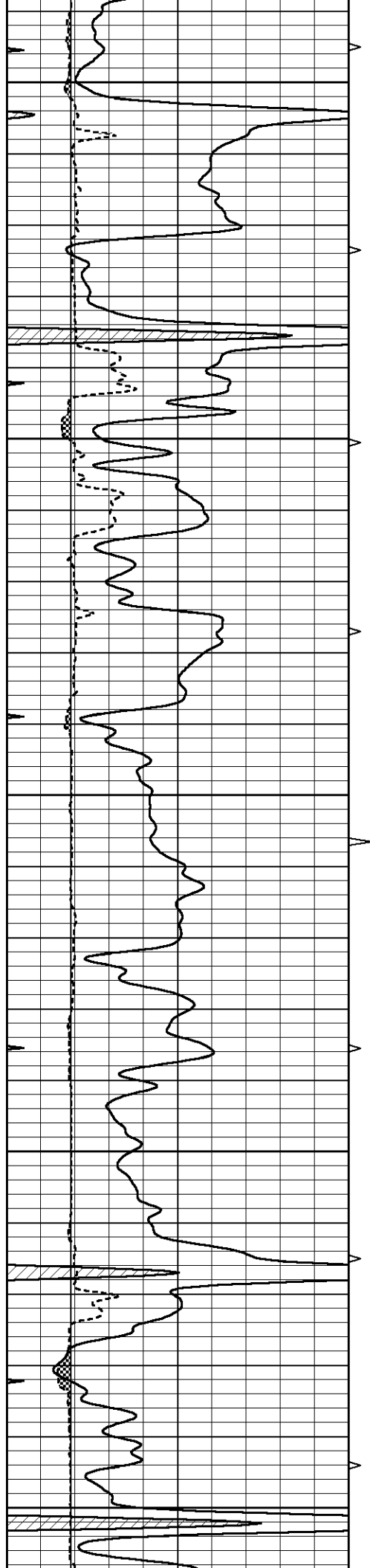
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4300

4350

4400





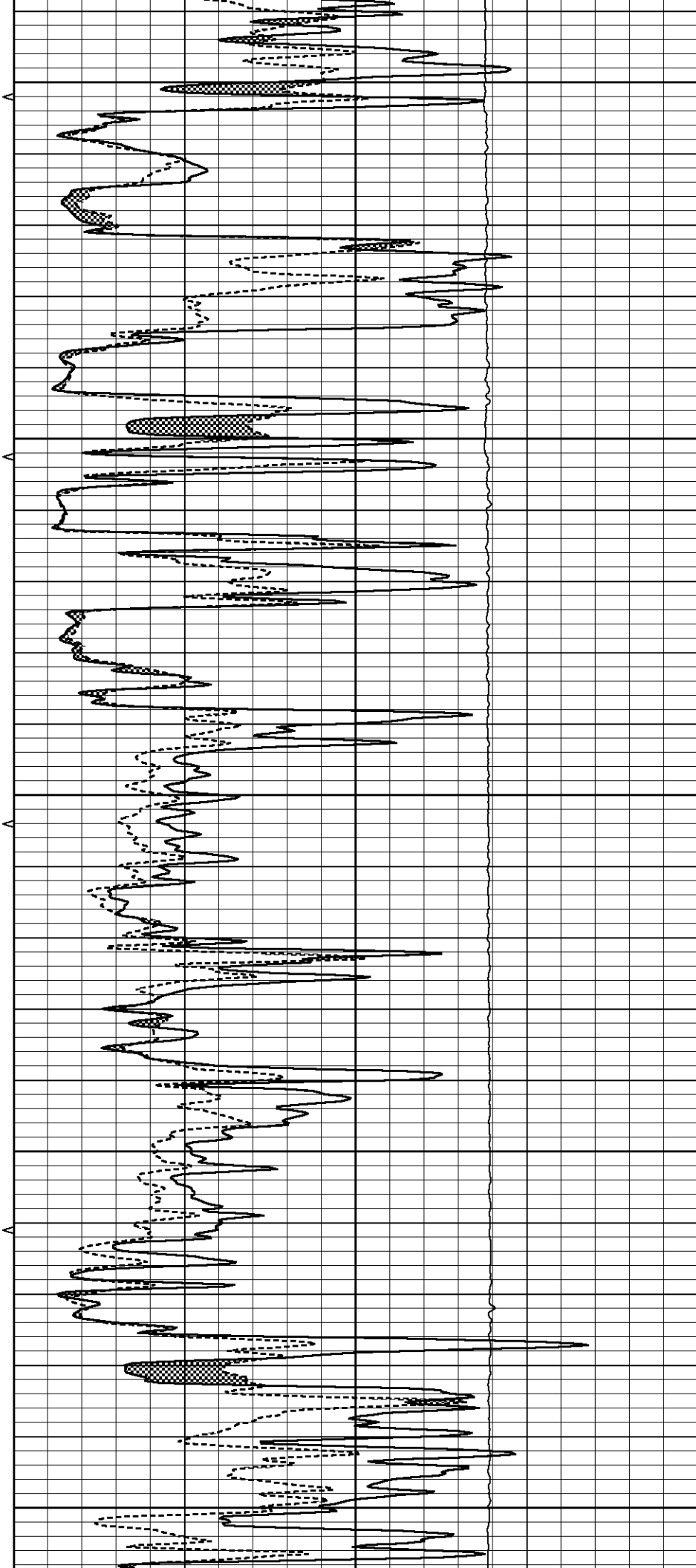
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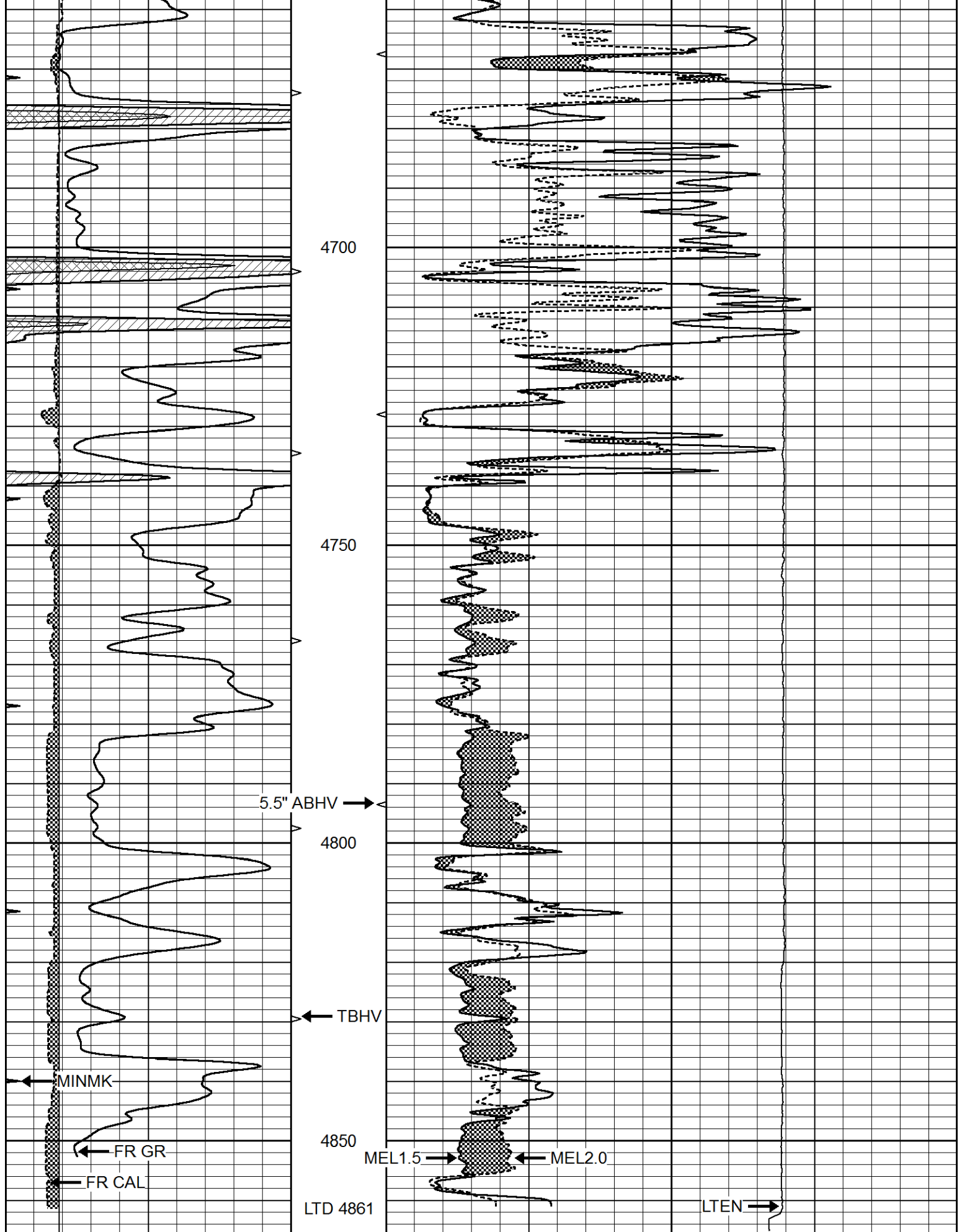
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4550

4600

4650





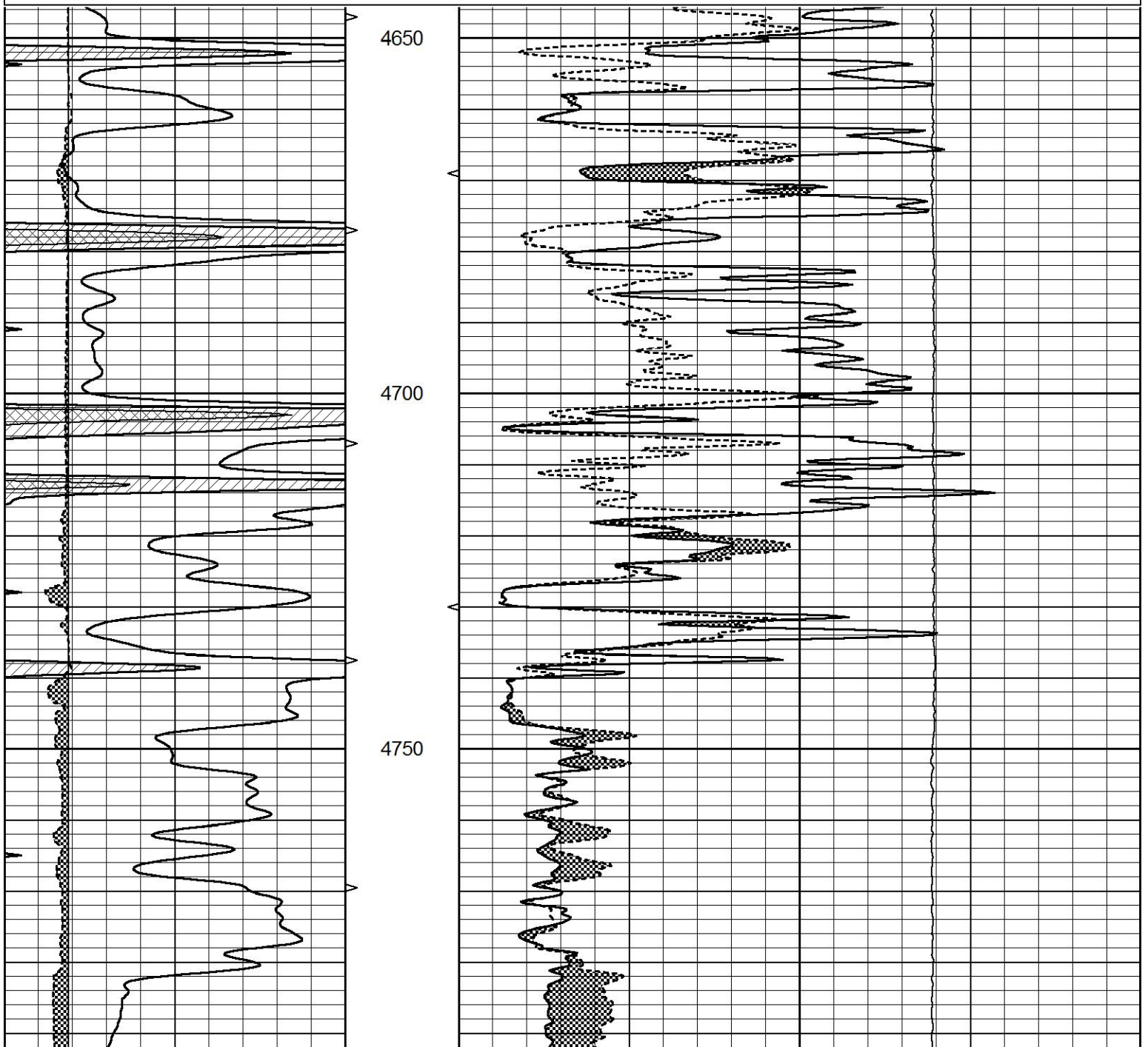
0	GAMMA RAY (GAPI)	150	ABHV	0			MEL1.5 (Ohm-m)	40	
6	CALIPER (in)	16	10 (ft3)	0	0			MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV	0			LTEN (lb)	5000	

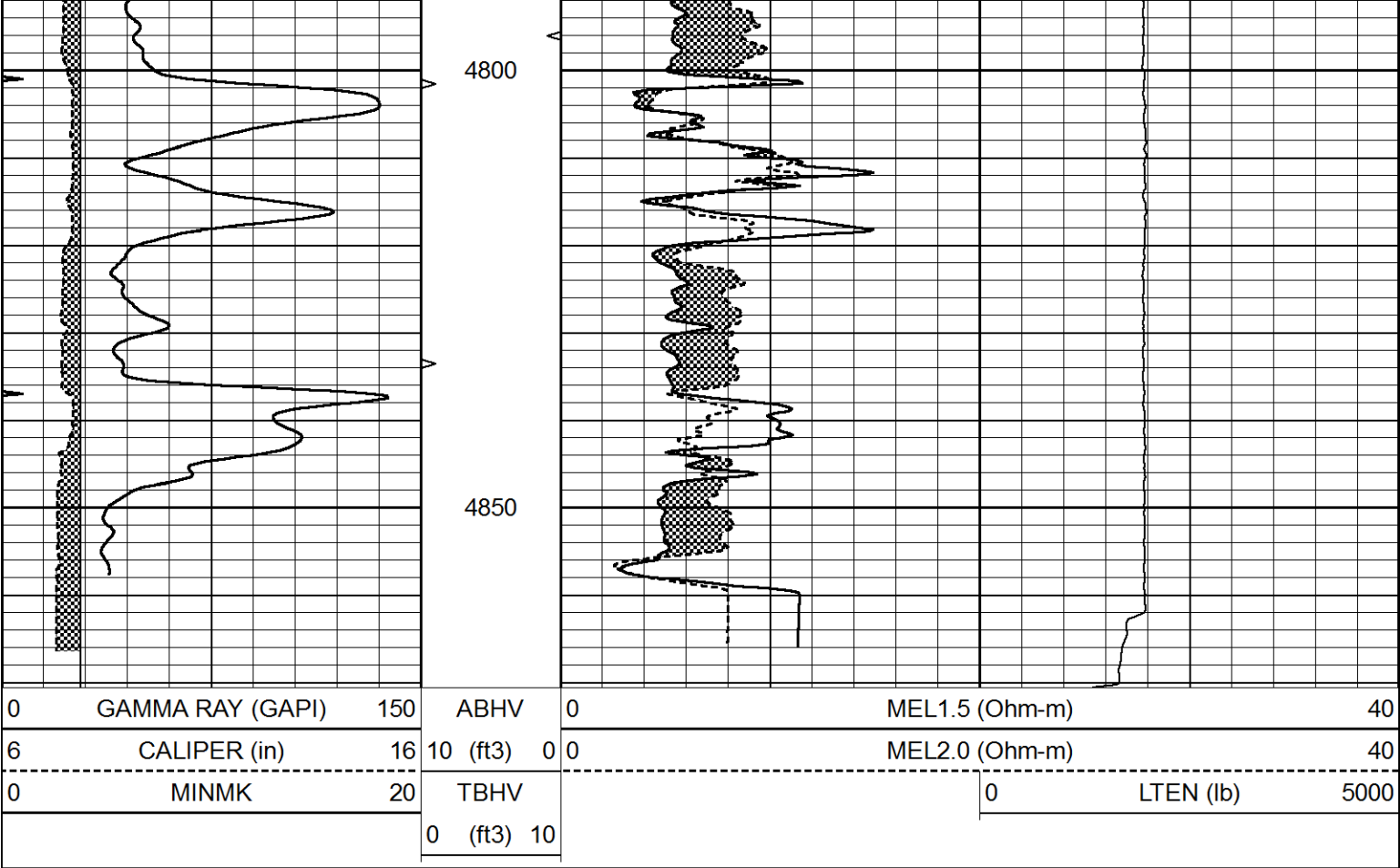


REPEAT SECTION

Database File 9739ddn.db
Dataset Pathname pass5.R
Presentation Format _micro
Dataset Creation Tue Dec 02 03:26:03 2025
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	LTEN (lb)	5000
			0 (ft3) 10			





Calibration Report			
Database File	9739ddn.db		
Dataset Pathname	pass6.D		
Dataset Creation	Tue Dec 02 03:23:29 2025		
MICRO_USR Calibration Report			
Serial Number:	070910		
Tool Model:	ProbeL		
Performed:	Mon Oct 13 04:05:40 2025		
Caliper Calibration:	Gain=7.212	Offset=2.230	
References	Low Cal	High Cal	
Readings	8.000	14.000	
	0.725	1.557	
1.5" Calibration:	Gain=25.000	Offset=0.000	
References	Low Cal	High Cal	
Readings	0.000	20.000	
	0.004	1.335	
2" Calibration:	Gain=55.000	Offset=-1.000	
References	Low Cal	High Cal	
Readings	0.000	20.000	
	0.004	1.029	
Microlog Calibration Report			
Serial-Model:	070910-ProbeL		
Performed:	(Not Performed)		
Readings	References	Results	

	Zero	Cal		Zero	Cal		m	b
Normal	0.0000	1.0000	V	0.0000	1.0000	Ohm-m	1.0000	0.0000
Inverse	0.0000	1.0000	V	0.0000	1.0000	Ohm-m	1.0000	0.0000
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:			Wed Feb 12 21:18:24 2025					
Calibrator Value:			1.0		GAPI			
Background Reading:			0.0		cps			
Calibrator Reading:			1.0		cps			
Sensitivity:			0.5200		GAPI/cps			