



MICRO LOG

Company SHAKESPEARE OIL COMPANY, INC.

Well TRACTOR #1-13

Field

County SCOTT State KANSAS

Location: API #: 15-171-21277-0000

50' FNL & 1270' FEL

SEC 13 TWP 18S RGE 32W

Permanent Datum GROUND LEVEL Elevation 2970

Log Measured From KELLY BUSHING 8' A.G.L

Drilling Measured From KELLY BUSHING

Other Services
CDL/CNL/PE
DIL

Elevation

K.B. 2978
D.F. 2976
G.L. 2970

Date 9/1/21

Run Number TWO

Depth Driller 4675

Depth Logger 4677

Bottom Logged Interval 4675

Top Log Interval 3600

Casing Driller 8 5/8" @ 265

Casing Logger 265

Bit Size 7 7/8

Type Fluid in Hole CHEMICAL MUD

Density / Viscosity 9.3/55

pH / Fluid Loss 10.5/8.0

Source of Sample FLOWLINE

Rm @ Meas. Temp .90 @ 90F

Rmf @ Meas. Temp .67 @ 90F

Rmc @ Meas. Temp 1.08 @ 90F

Source of Rmf / Rmc MEASUREMENT

Rm @ BHT .66 @ 122F

Time Circulation Stopped 2 HOURS

Time Logger on Bottom

Maximum Recorded Temperature 122F

Equipment Number 3802

Location HAYS, KANSAS

Recorded By JASON CAPPELLUCCI

Witnessed By KENT MATSON

<<< 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

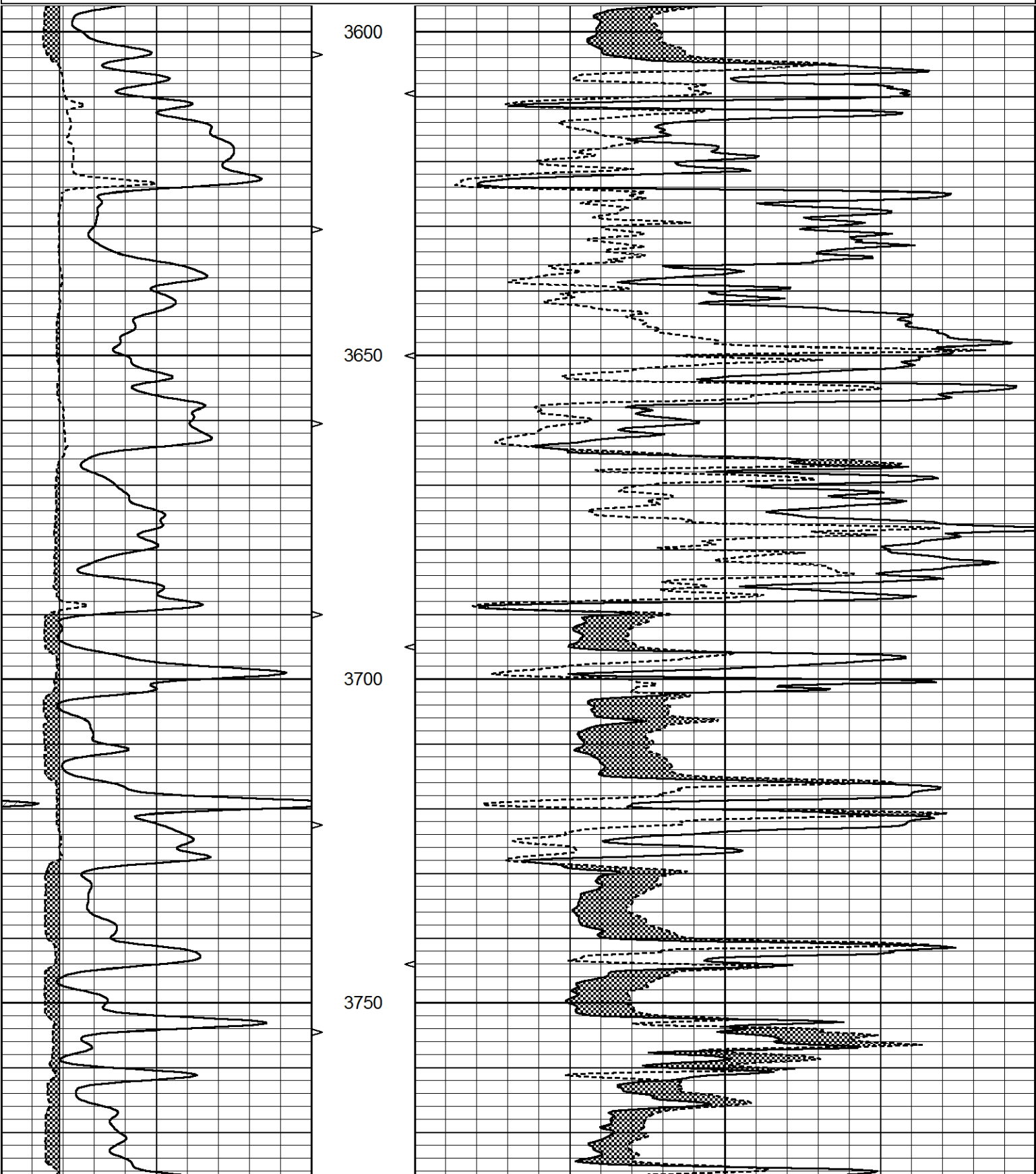
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
SCOTT CITY, KS. - 6 EAST TO RODEO RD. - 1 NORTH - 1/2 WEST - SOUTH INTO

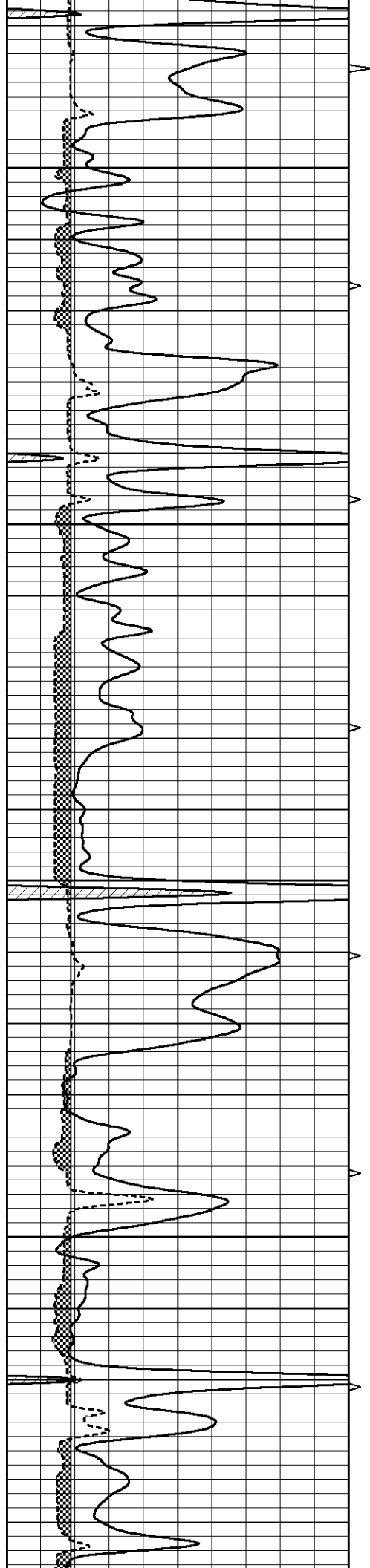


MAIN SECTION

Database File	5649pe.db
Dataset Pathname	pass7.1
Presentation Format	_micro
Dataset Creation	Wed Sep 01 20:12:27 2021
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
			TBHV			
			0 (ft3)	10		



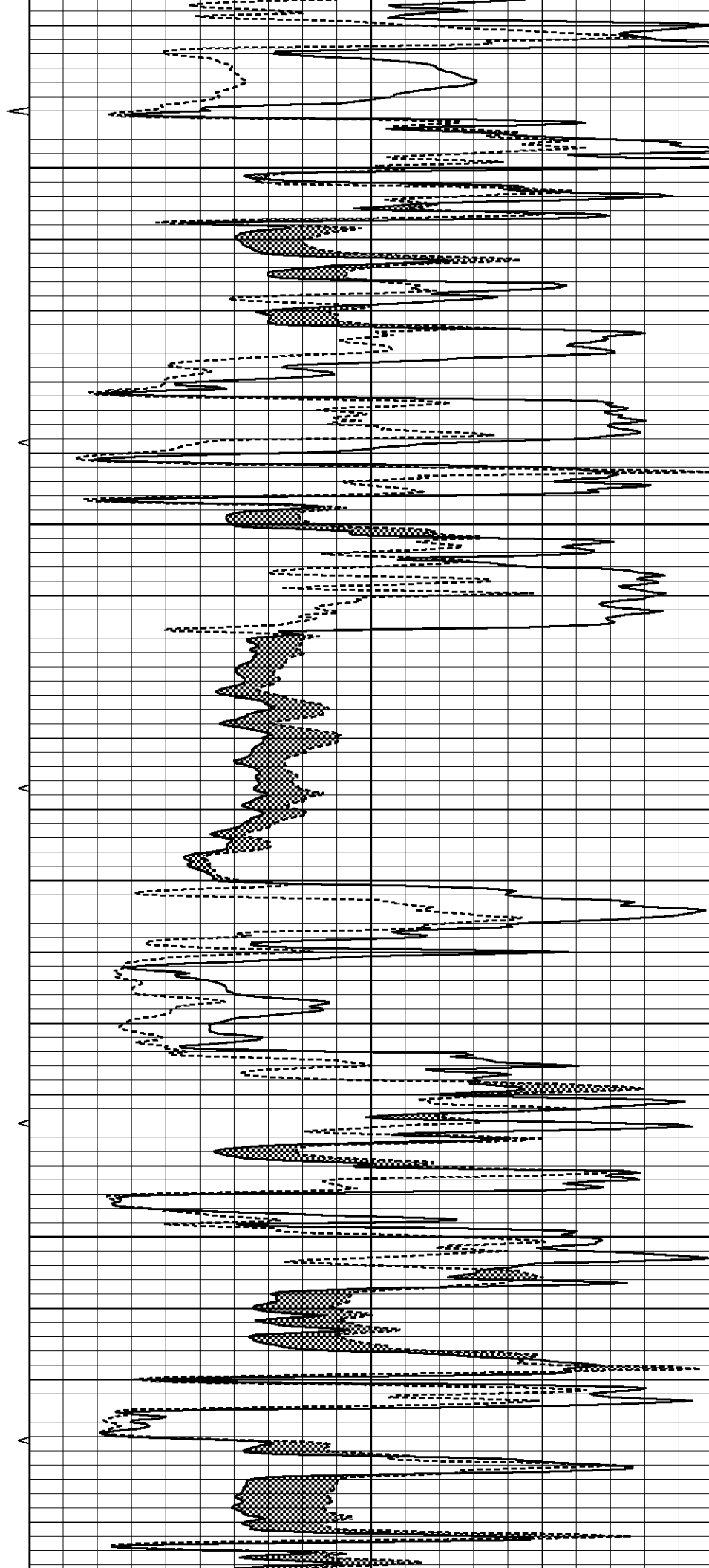


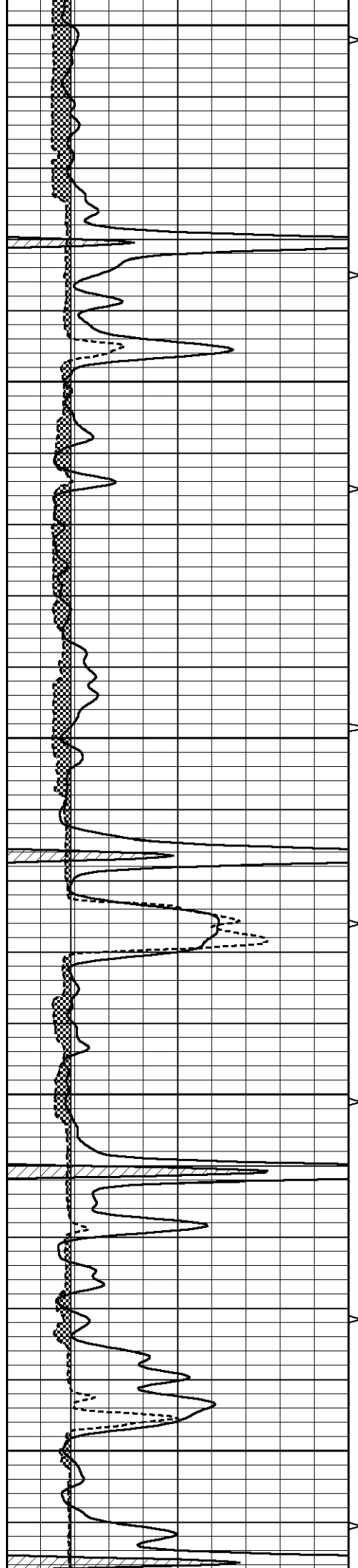
3800

3850

3900

3950





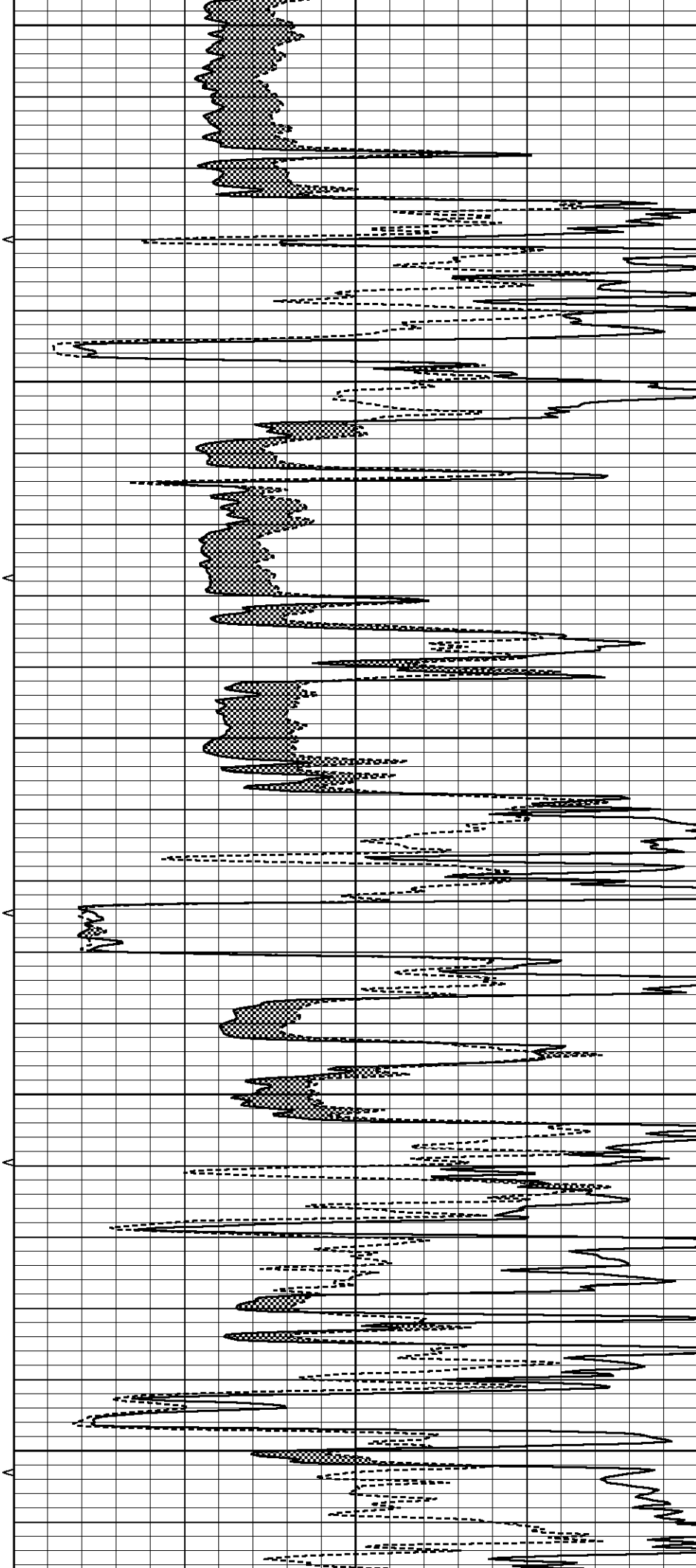
4000

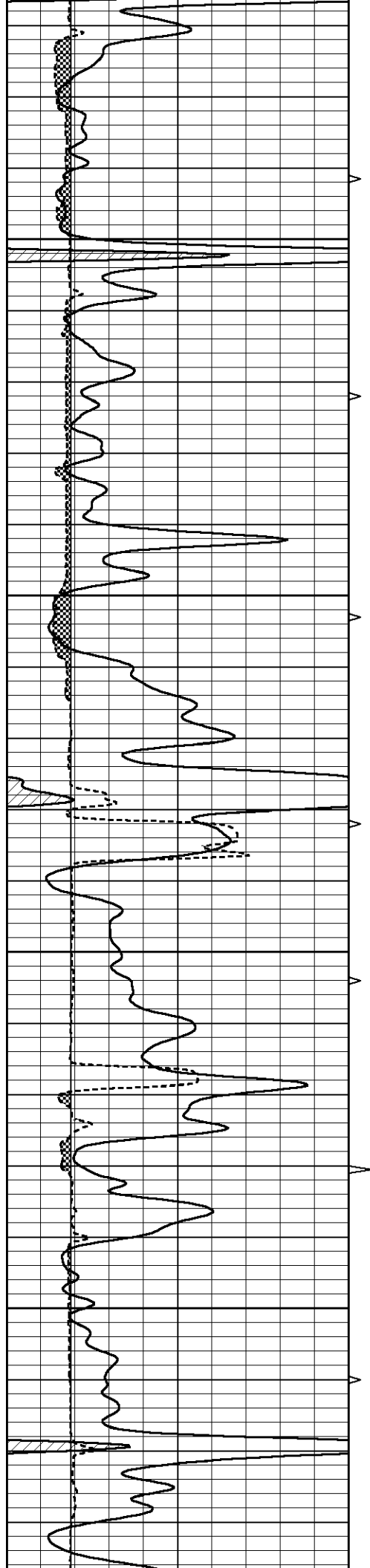
4050

4100

4150

4200



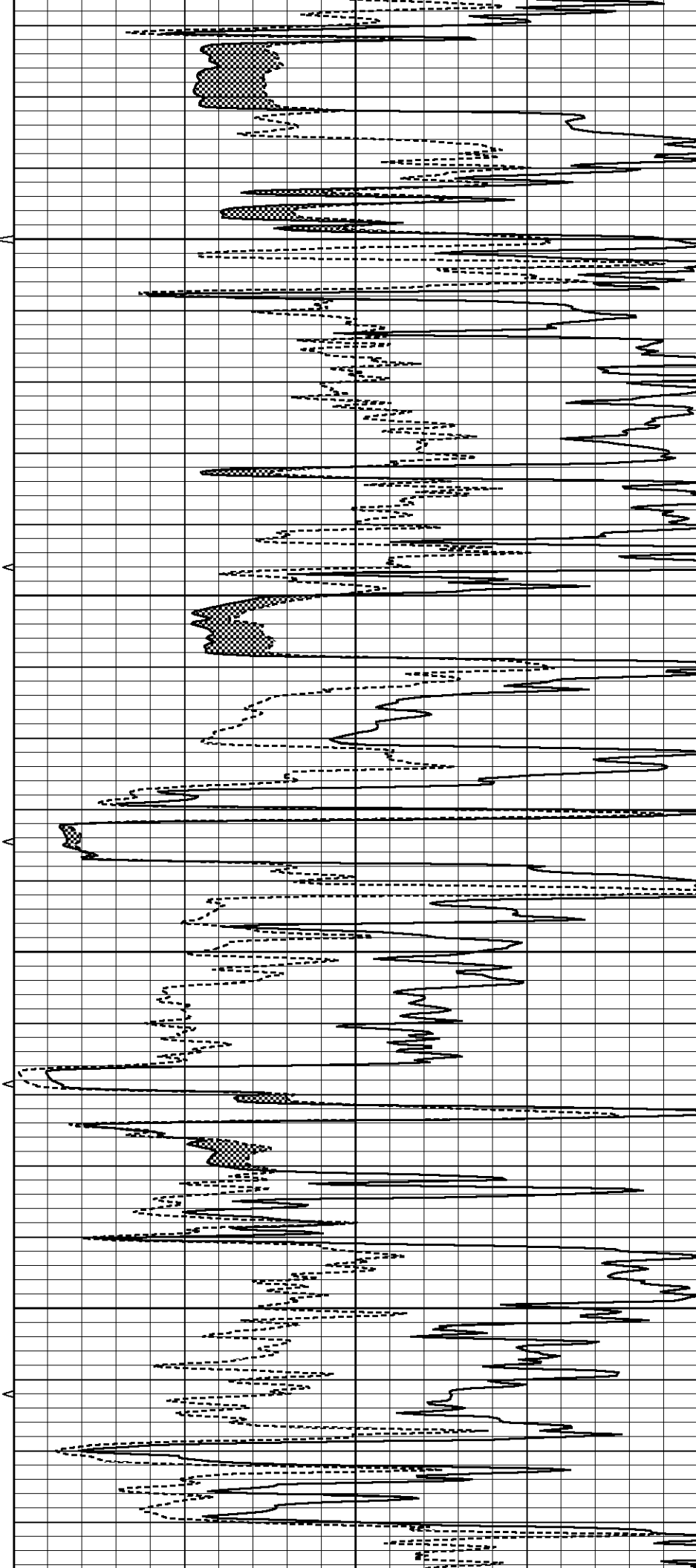


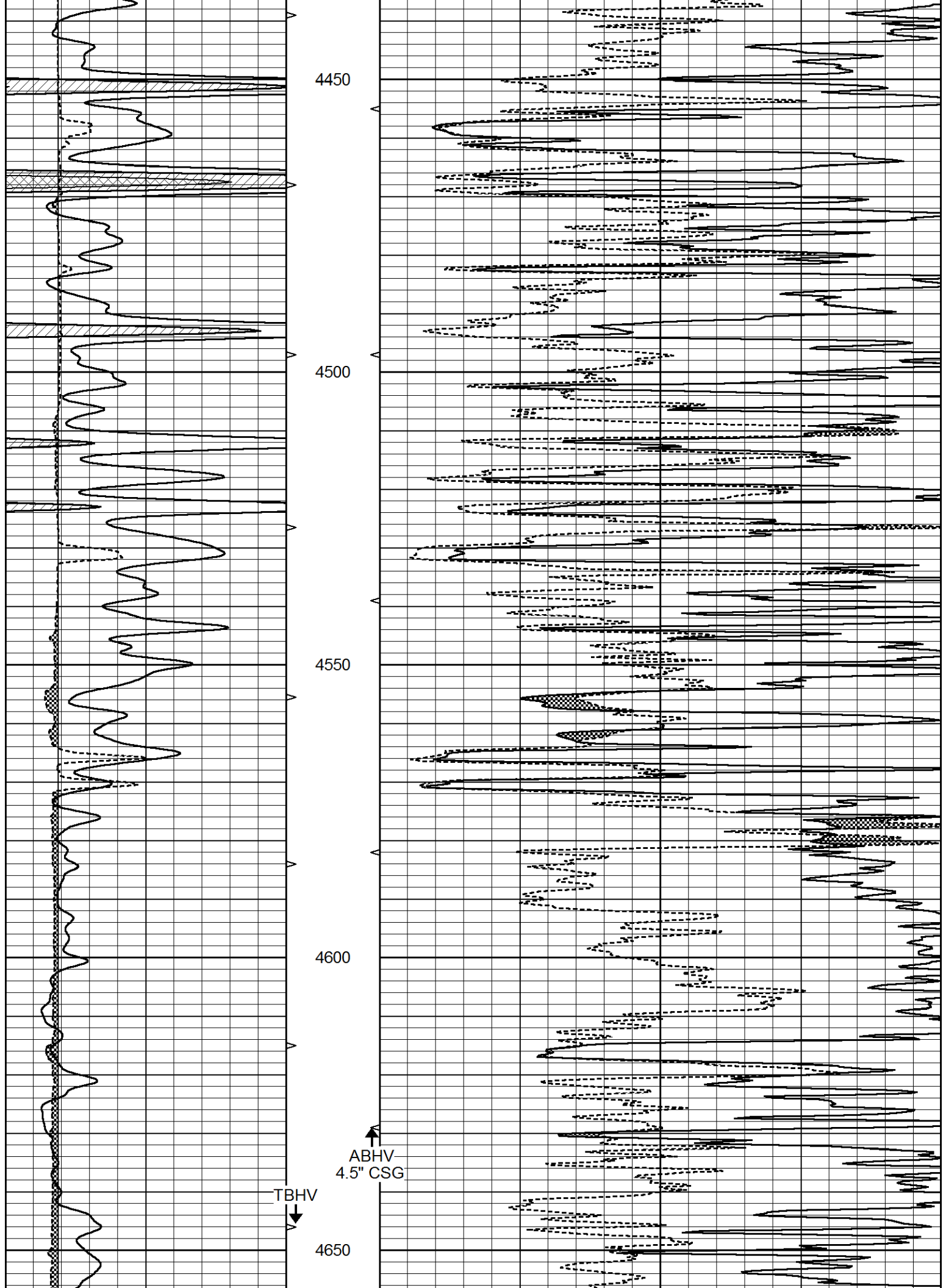
4250

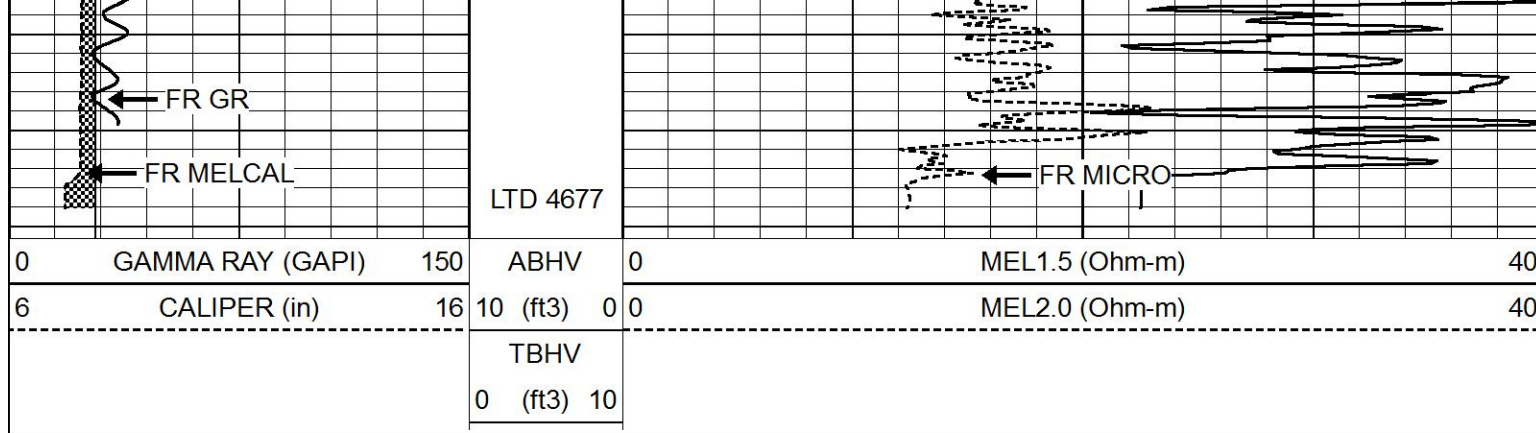
4300

4350

4400

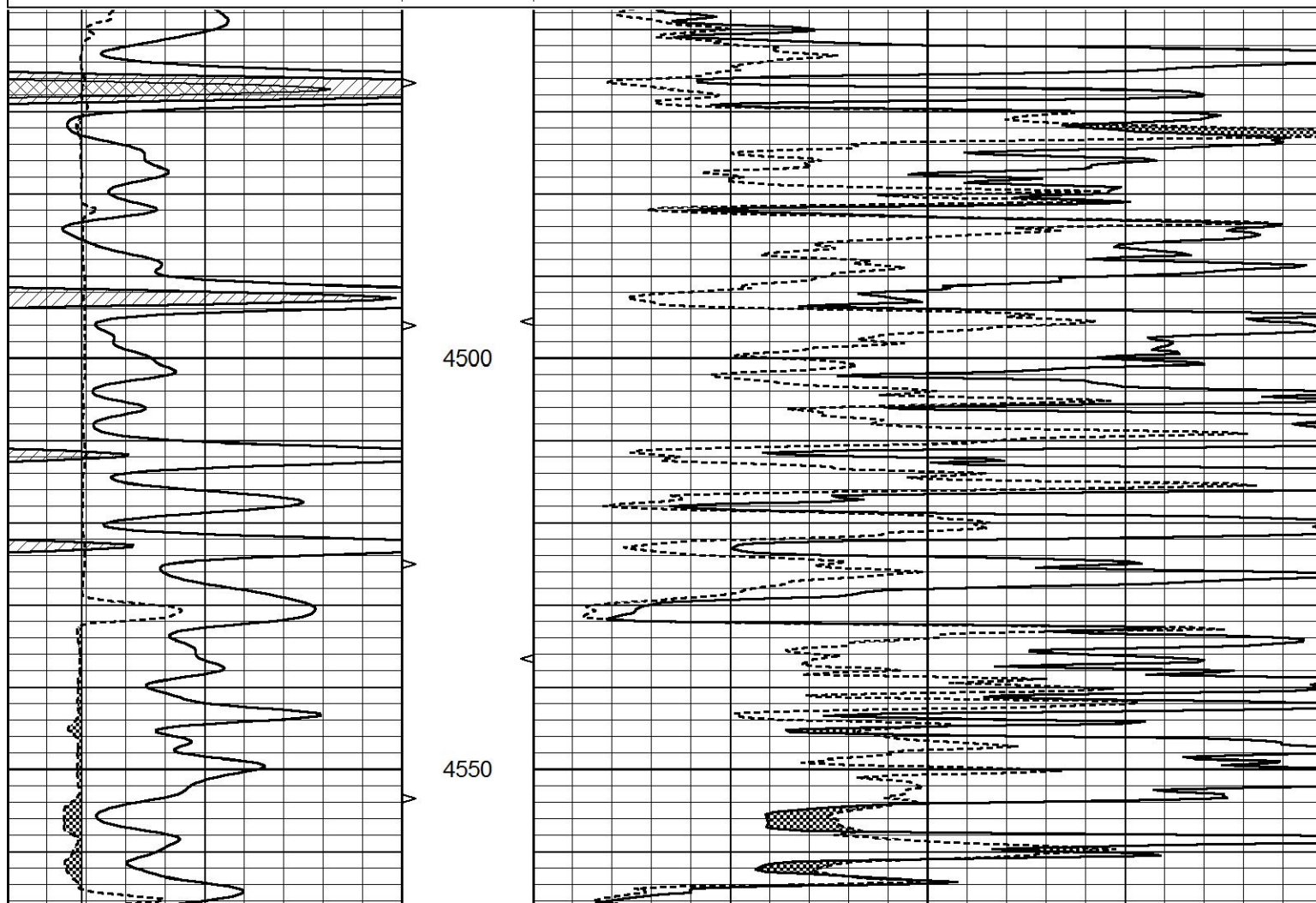
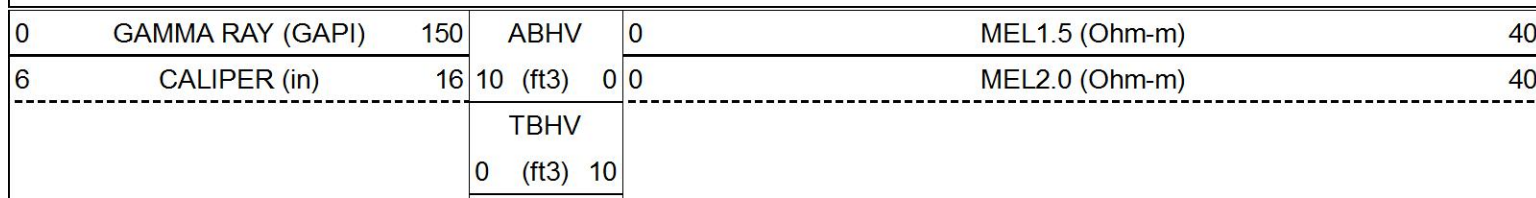


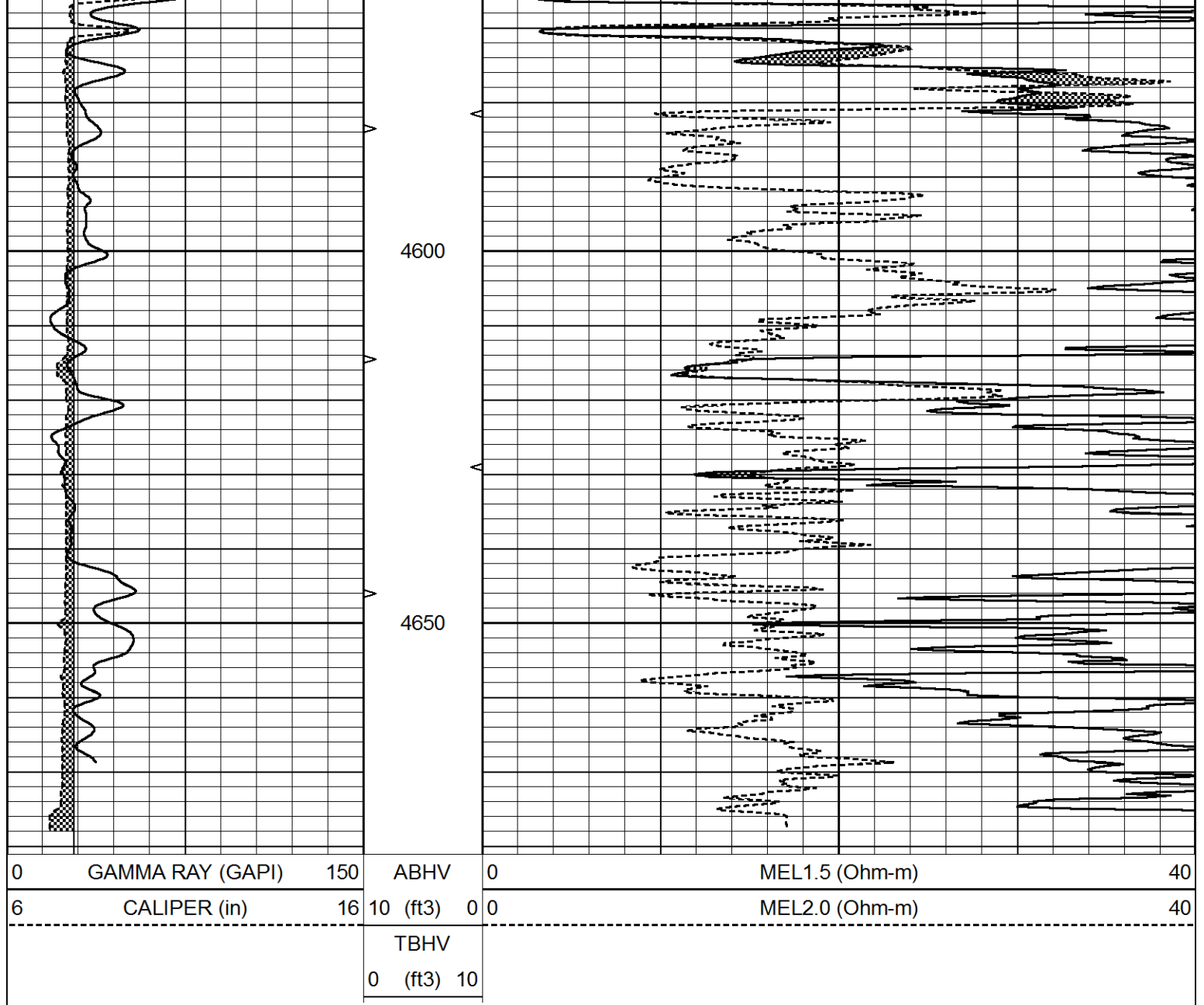




REPEAT SECTION

Database File 5649pe.db
 Dataset Pathname pass6.1
 Presentation Format _micro
 Dataset Creation Wed Sep 01 19:59:13 2021
 Charted by Depth in Feet scaled 1:240





Calibration Report

Database File 5649pe.db
 Dataset Pathname pass6.1
 Dataset Creation Wed Sep 01 19:59:13 2021

MICRO_USR Calibration Report

Serial Number:	070910	
Tool Model:	ProbeL	
Performed:	Fri Aug 27 11:31:29 2021	
Caliper Calibration:	Gain=7.192	Offset=2.702
References	Low Cal	High Cal
Readings	8.000	14.000
	0.723	1.557
1.5" Calibration:	Gain=60.000	Offset=-0.167
References	Low Cal	High Cal
Readings	0.000	20.000
	0.004	1.335
2" Calibration:	Gain=80.000	Offset=-2.000

References			Low Cal		High Cal				
Readings			0.000		20.000				
			0.004		1.029				
Microlog Calibration Report									
Serial-Model: Performed:			070910-ProbeL (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:			Fri Oct 30 21:32:56 2020						
Calibrator Value:			1.0		GAPI				
Background Reading:			0.0		cps				
Calibrator Reading:			1.0		cps				
Sensitivity:			0.2700		GAPI/cps				