



MICRO LOG

Company RED OAK ENERGY, INC.

Well HILT - CUMMINS #1-11

Field

County CHEYENNE

State

KANSAS

Location:

API # : 15-023-21555-0000

2125' FSL & 584' FWL
SE-NW-NW-SW

SEC 11 TWP 2S RGE 42W

Permanent Datum GROUND LEVEL Elevation 3717
Log Measured From KELLY BUSHING 5' A.G.L.
Drilling Measured From KELLY BUSHING

Other Services
CDL/CNL/PE
DIL

Elevation

K.B. 3722
D.F. 3720
G.L. 3717

Date 9/17/21

Run Number TWO

Depth Driller 5210

Depth Logger 5206

Bottom Logged Interval 5204 1750-1550

Top Log Interval 4200

Casing Driller 8 5/8" @ 321

Casing Logger 321

Bit Size 7 7/8

Type Fluid in Hole CHEMICAL MUD CHLORIDES 800 PPM

Density / Viscosity 9.1/54

pH / Fluid Loss 11.0/8.0

Source of Sample FLOWLINE

Rm @ Meas. Temp 1.25 @ 65F

Rmf @ Meas. Temp .93 @ 65F

Rmc @ Meas. Temp 1.5 @ 65F

Source of Rmf / Rmc MEASUREMENT

Rm @ BHT .63 @ 127F

Time Circulation Stopped 2 HOURS

Time Logger on Bottom

Maximum Recorded Temperature 127F

Equipment Number 3802

Location HAYS, KANSAS

Recorded By JASON CAPPELLUCCI

Witnessed By RYAN DAVIS

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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

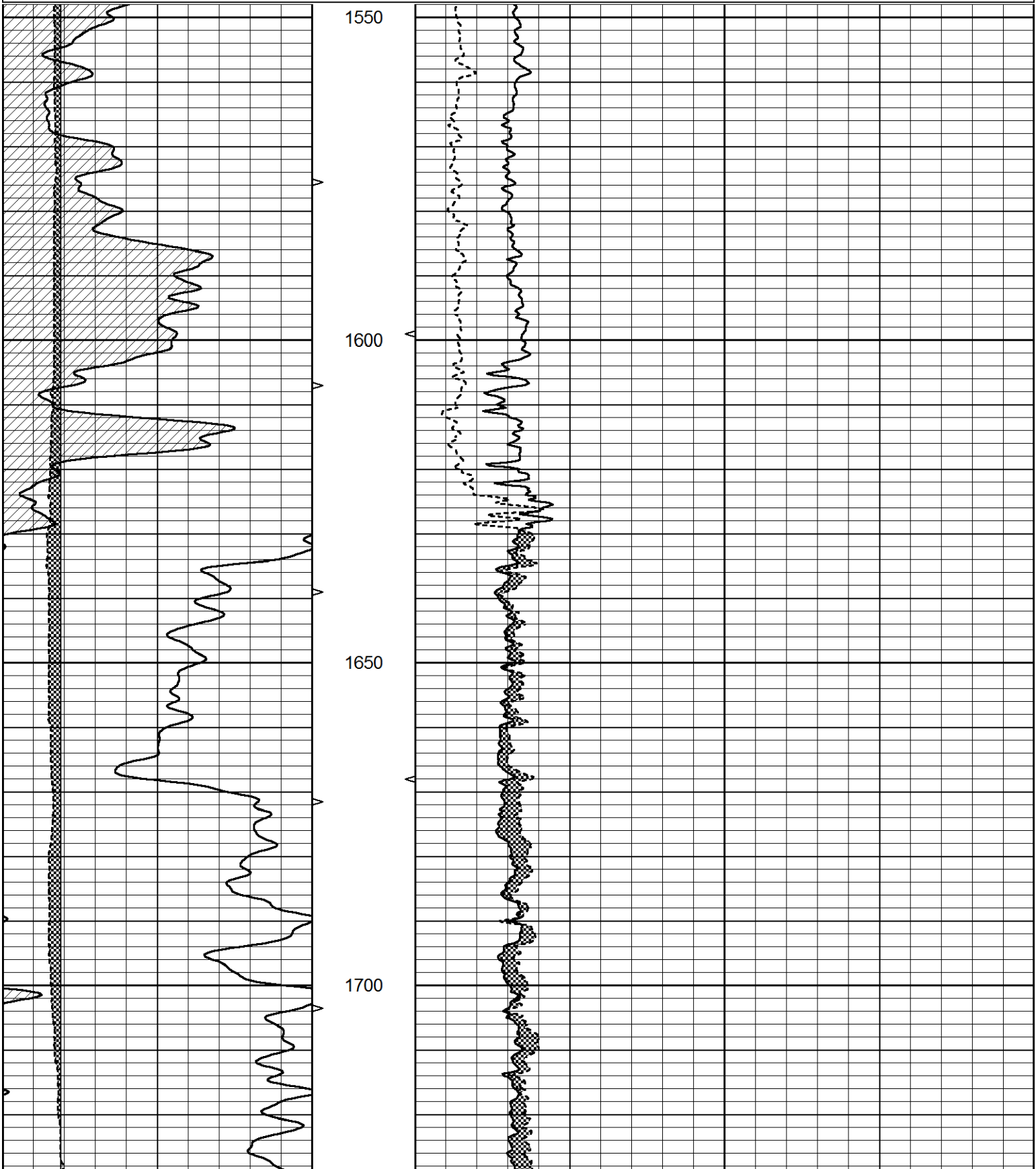
ST. FRANCIS, KS. - 13 NORTH ON HWY 27 TO W RD. - 4 WEST - 1/2 NORTH - EAST INTO

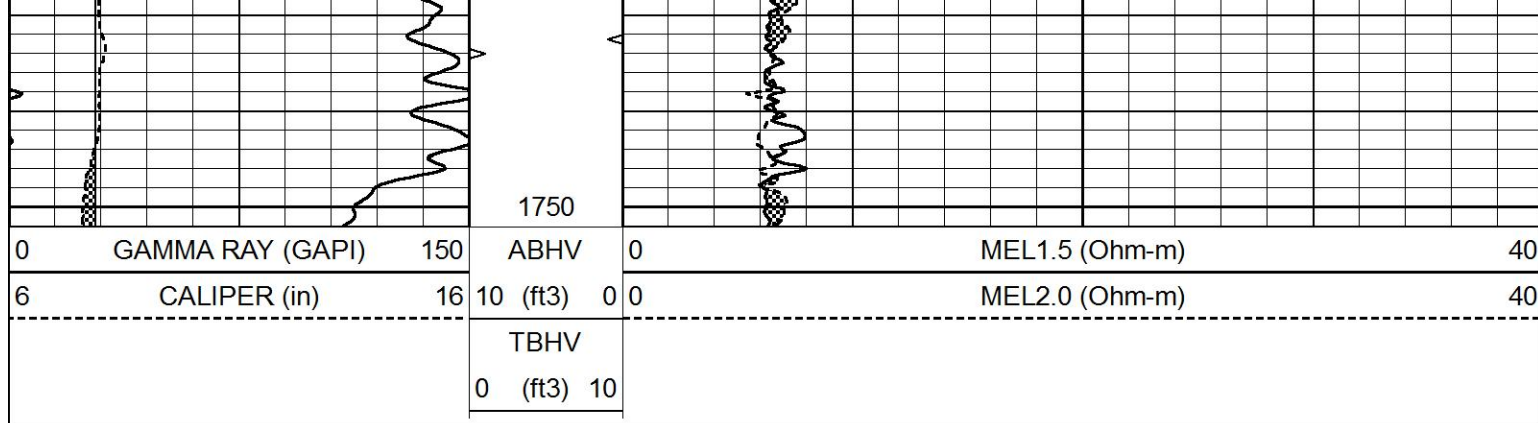


UPPER SECTION

Database File	5854pe.db
Dataset Pathname	pass8.1
Presentation Format	_micro
Dataset Creation	Fri Sep 17 13:33:43 2021
Charted by	Depth in Feet scaled 1:240

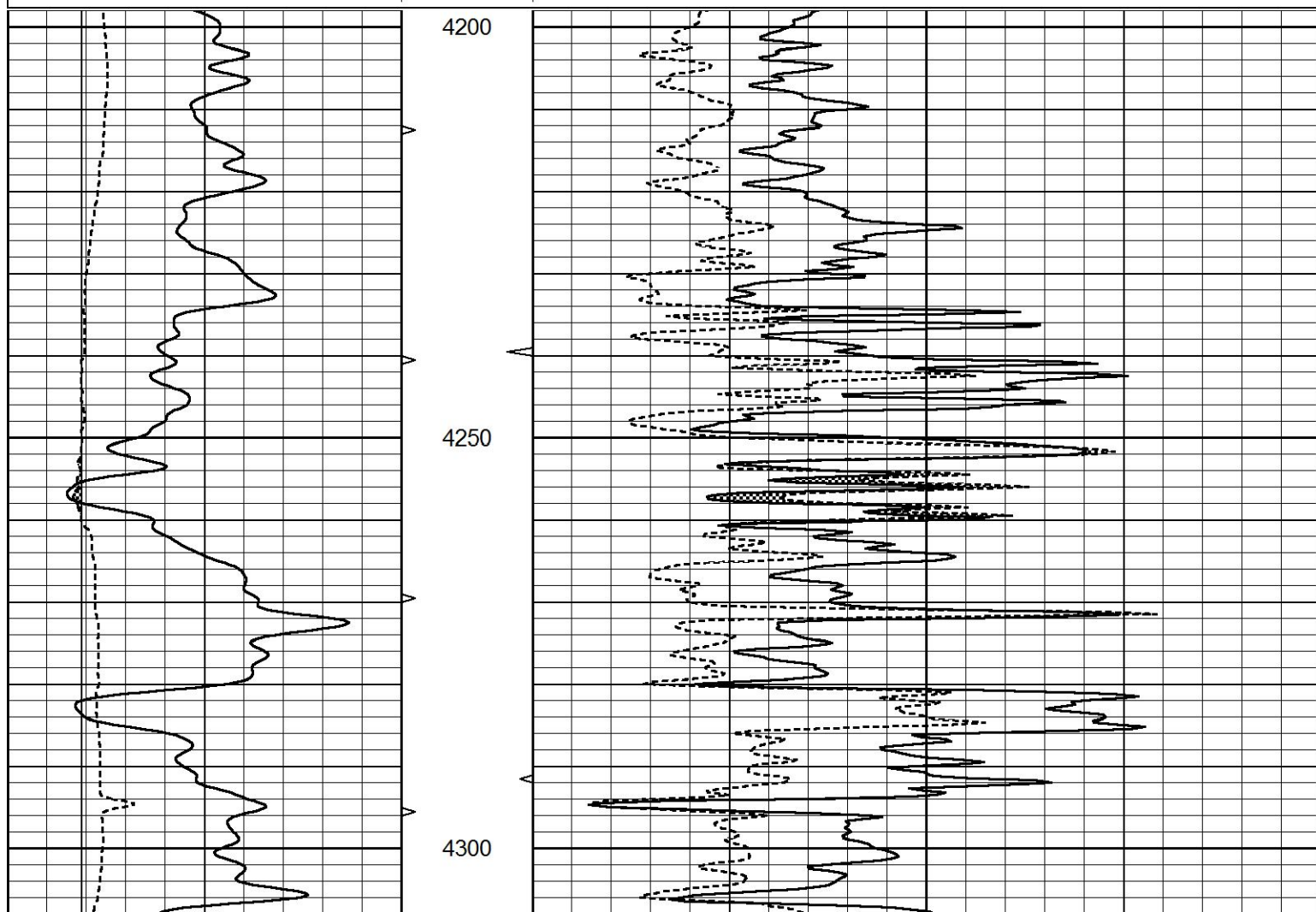
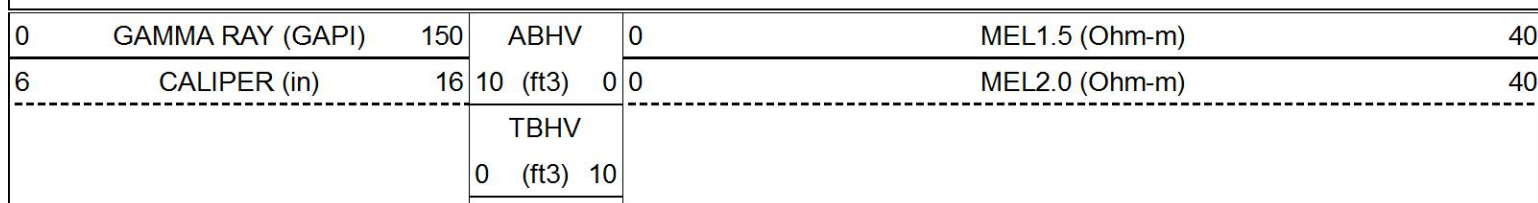
0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0	MEL2.0 (Ohm-m)	40
			TBHV			
			0 (ft3)	10		

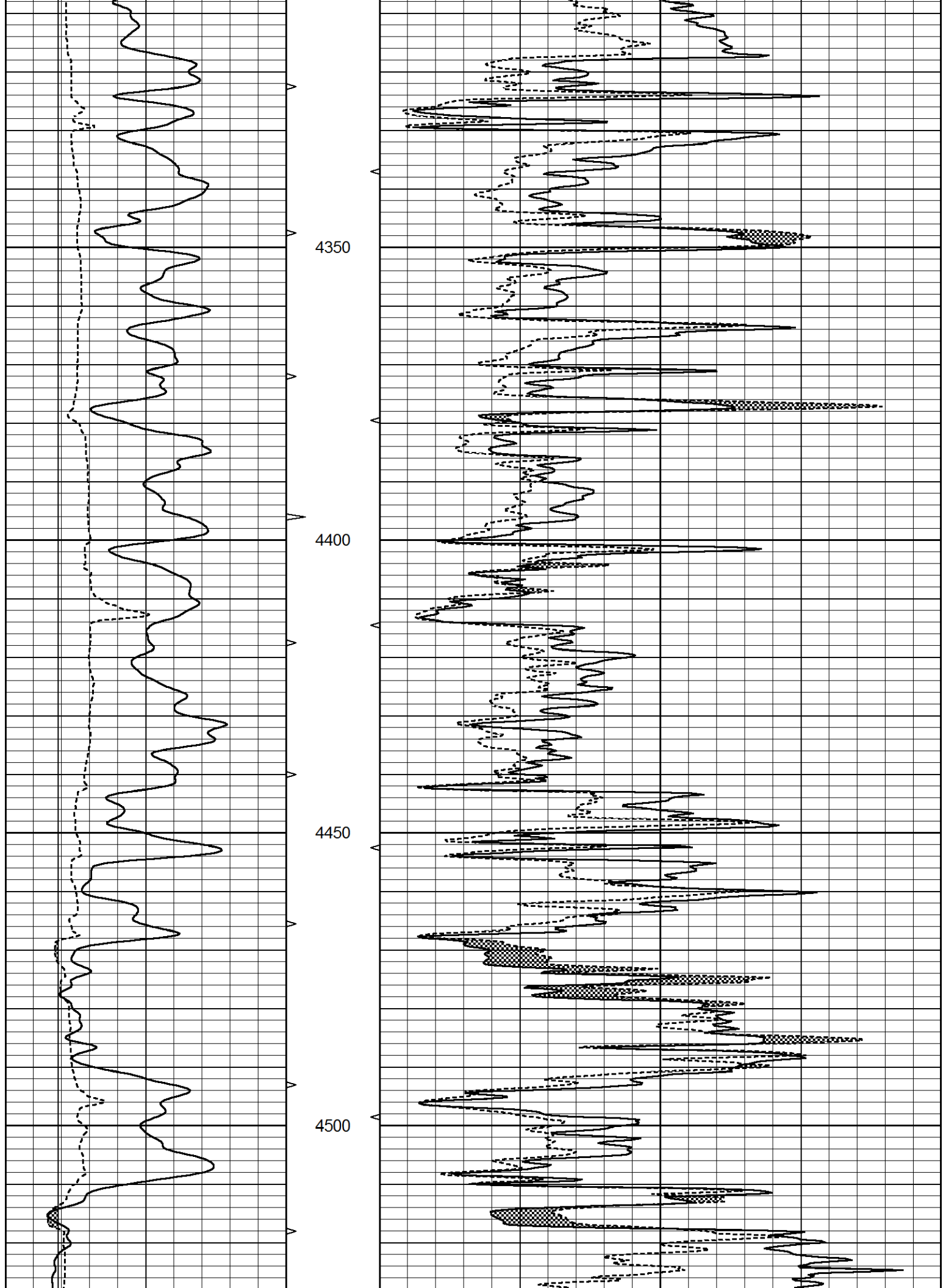


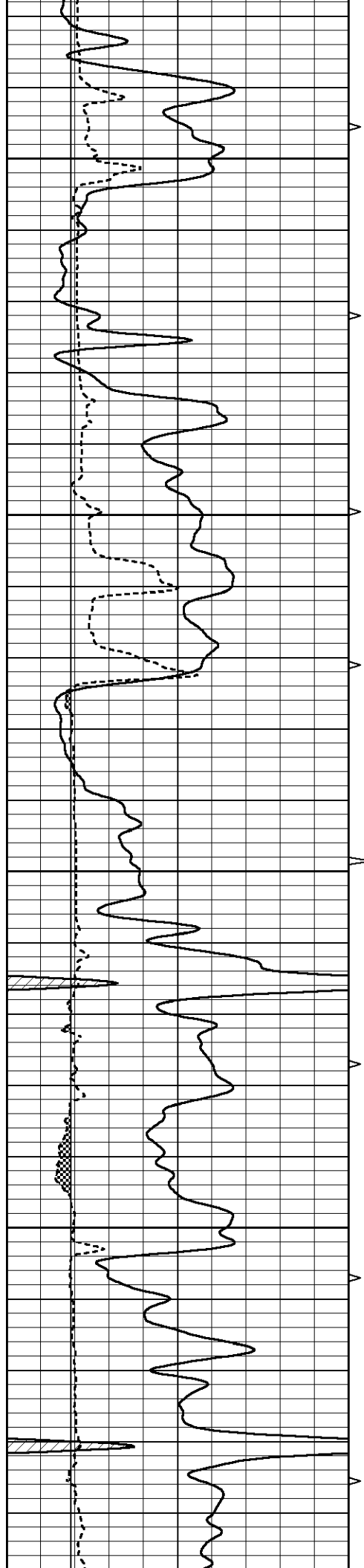


MAIN SECTION

Database File 5854pe.db
 Dataset Pathname pass7.1
 Presentation Format _micro
 Dataset Creation Fri Sep 17 13:15:31 2021
 Charted by Depth in Feet scaled 1:240





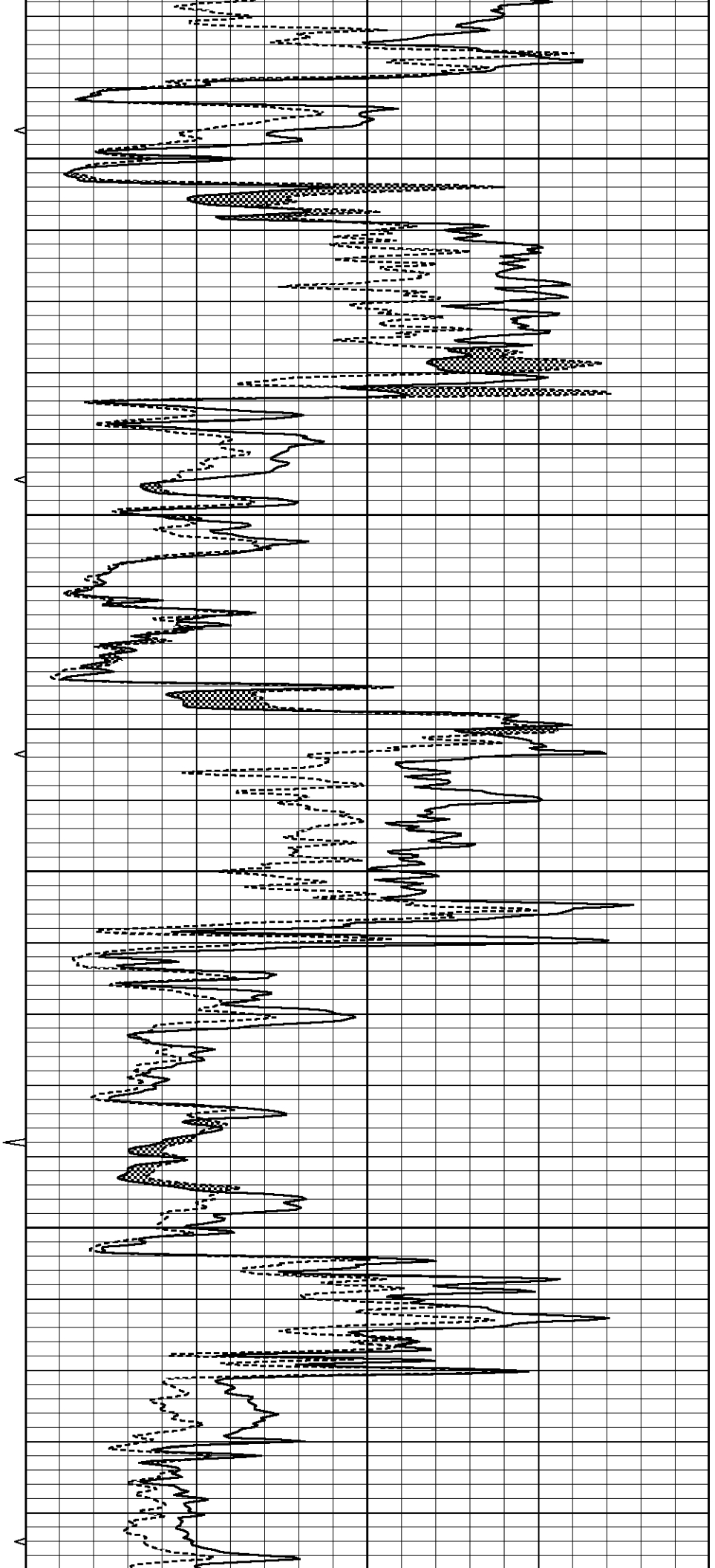


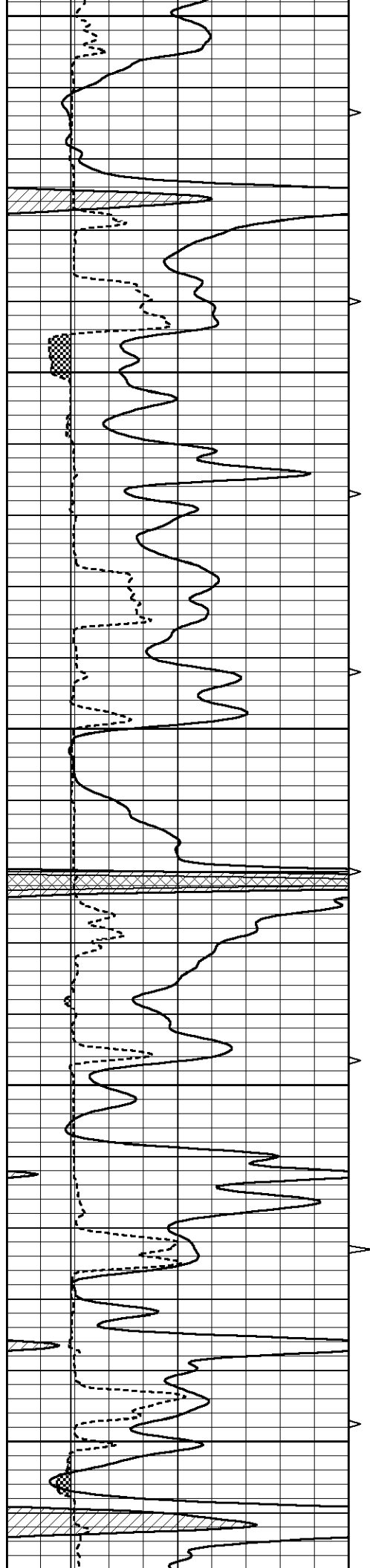
4550

4600

4650

4700





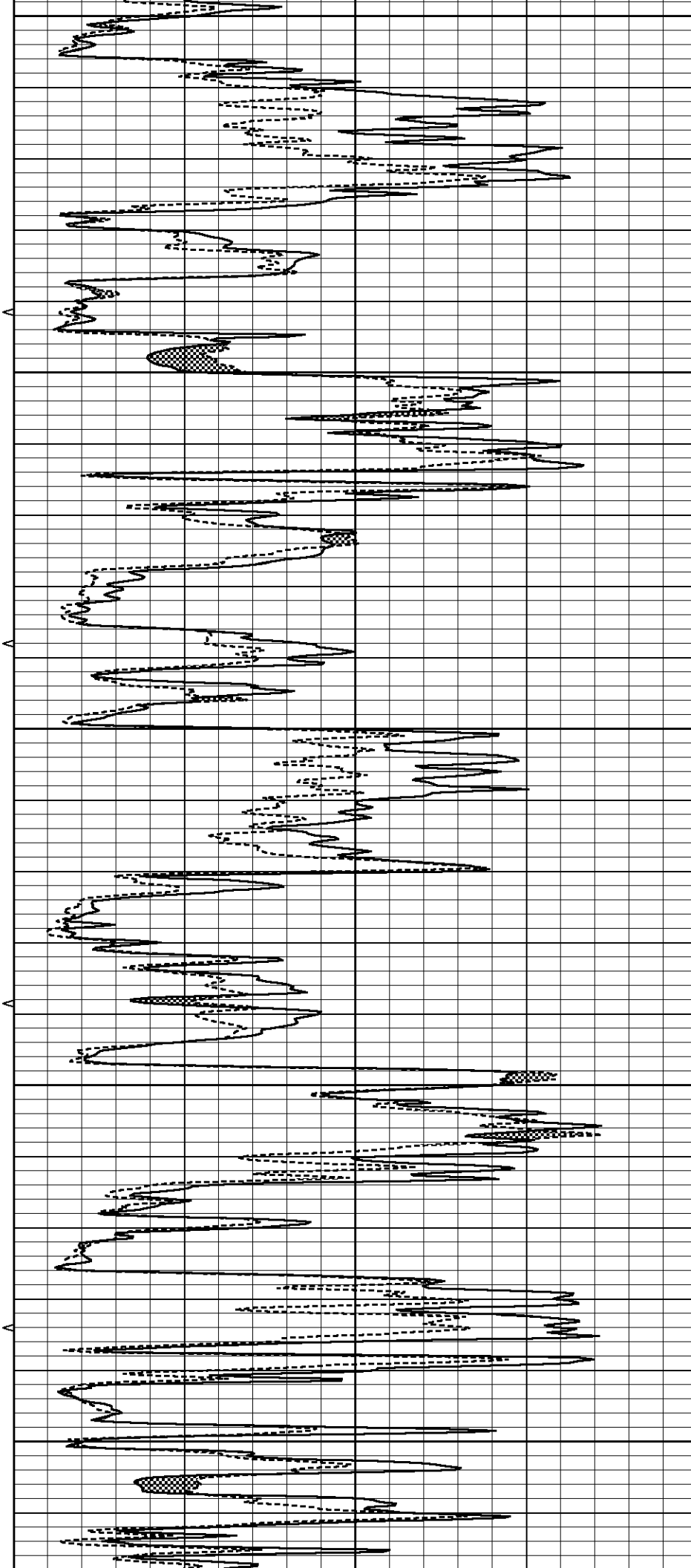
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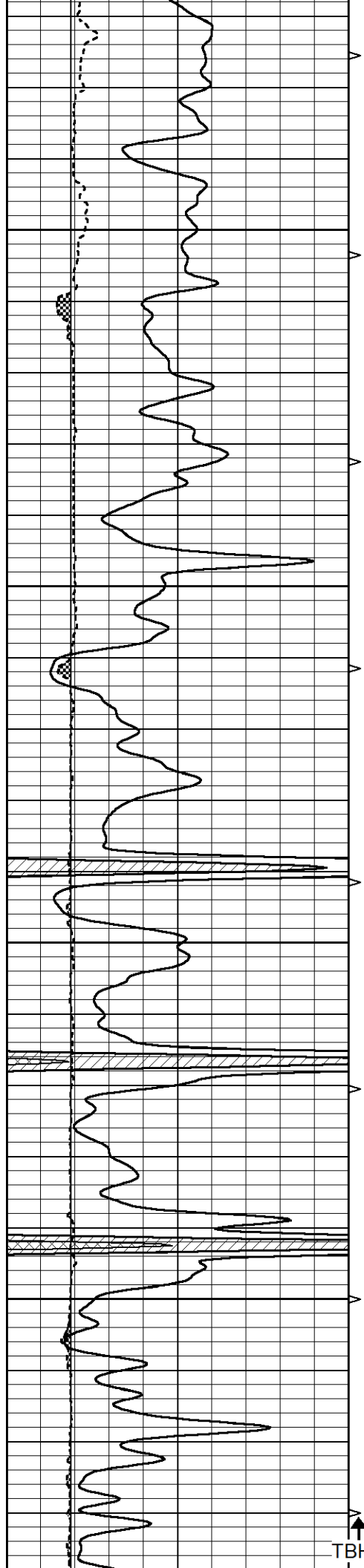
4800

4850

4900

4950





5000

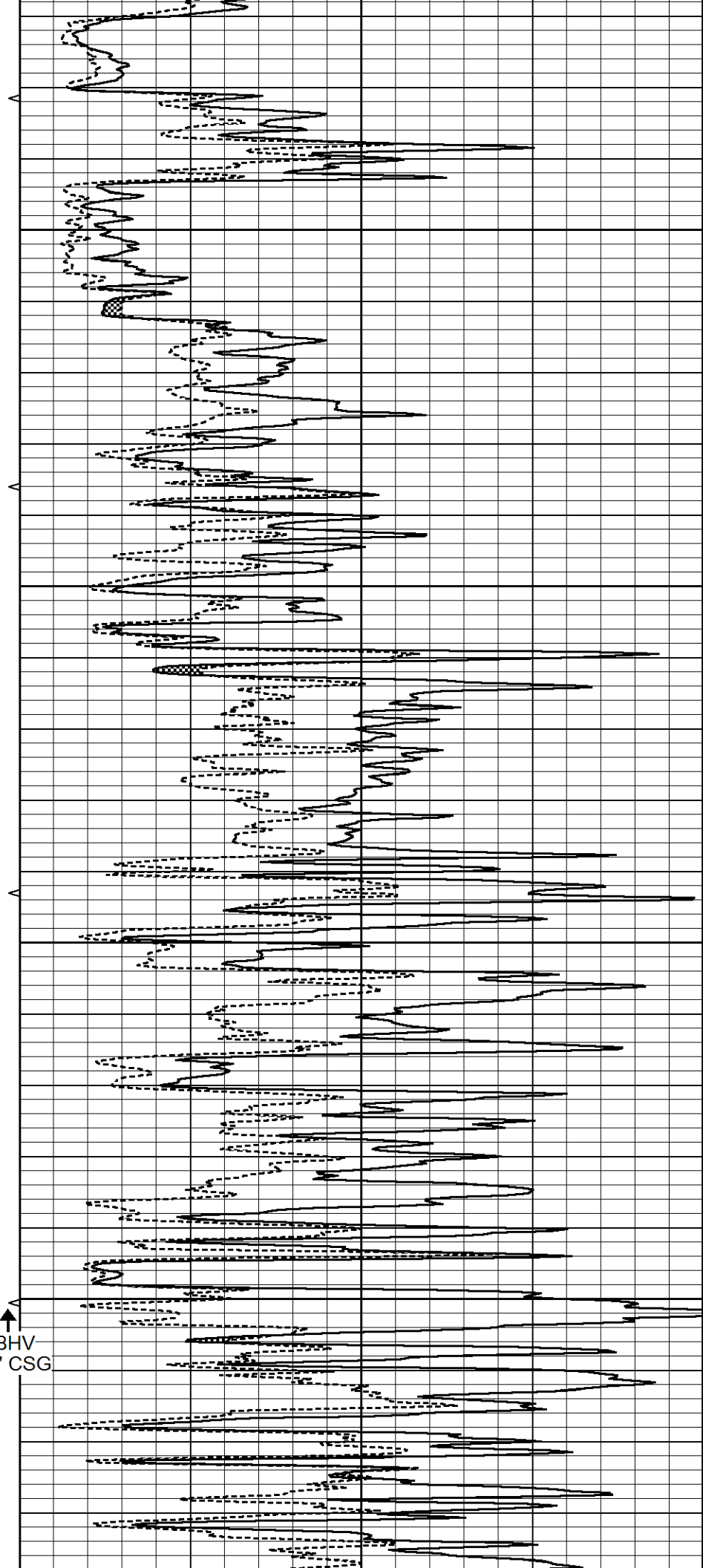
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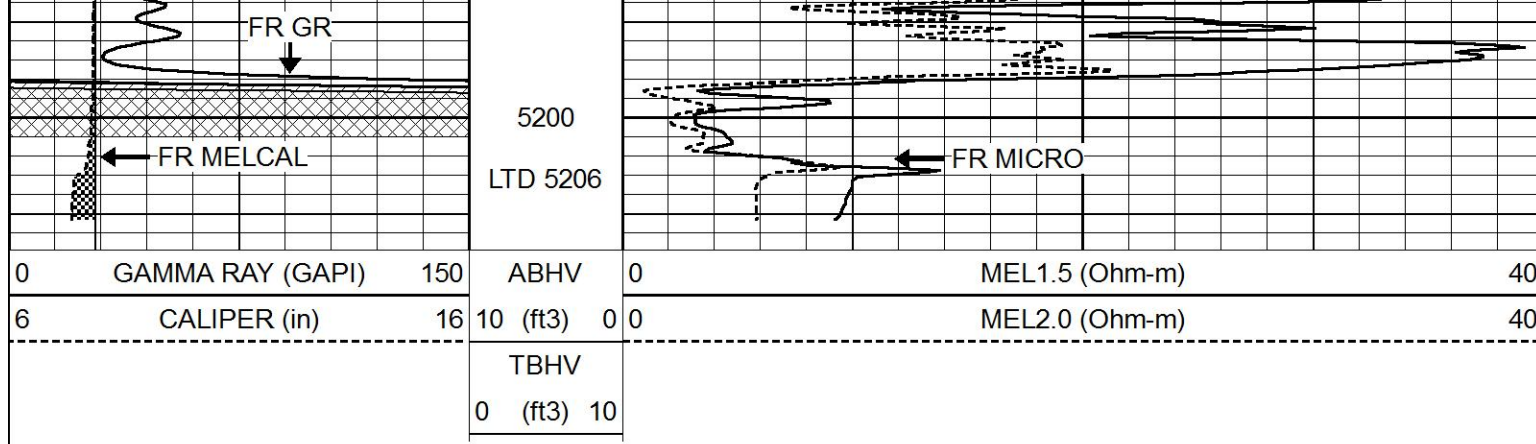
5100

5150

TBHV

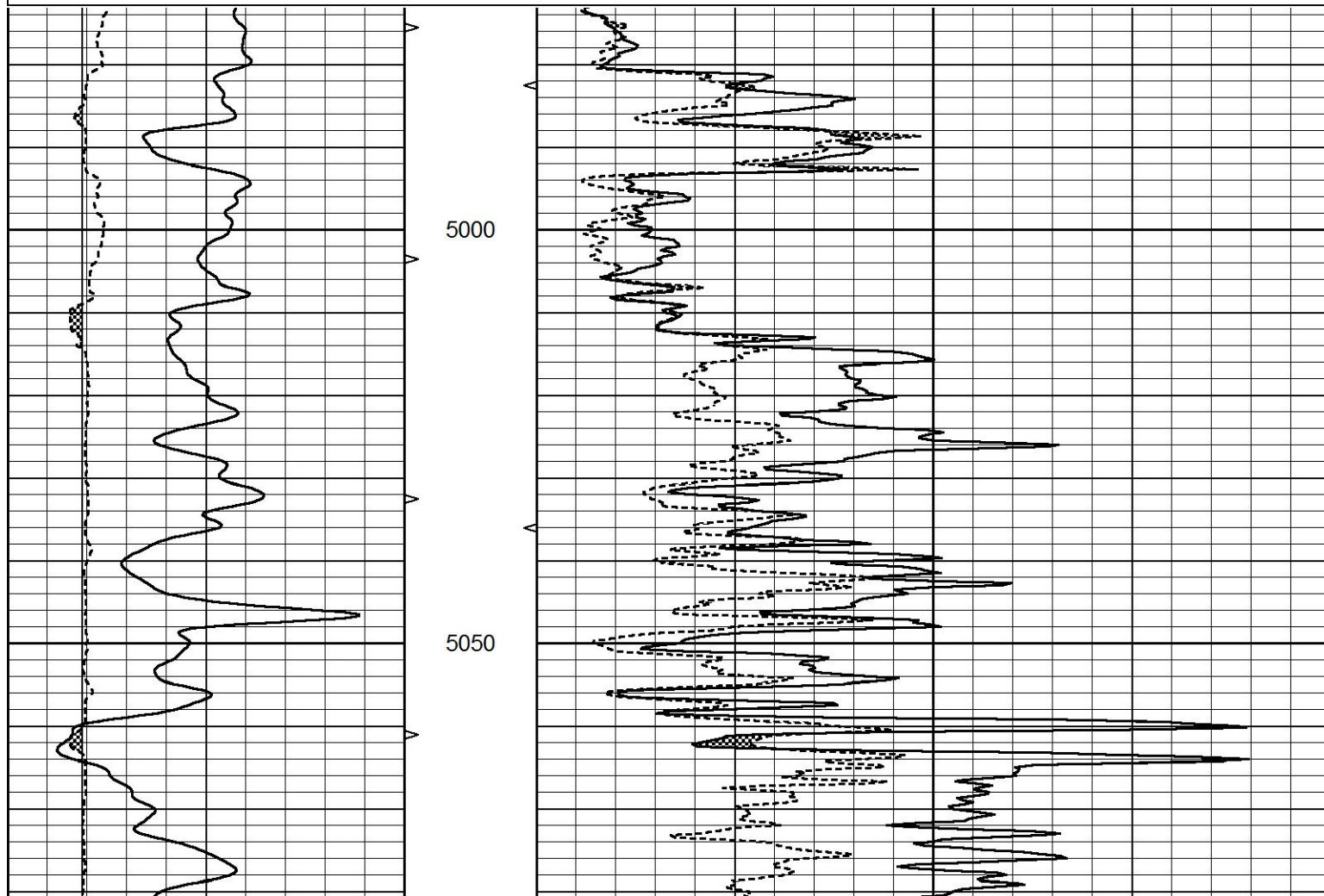
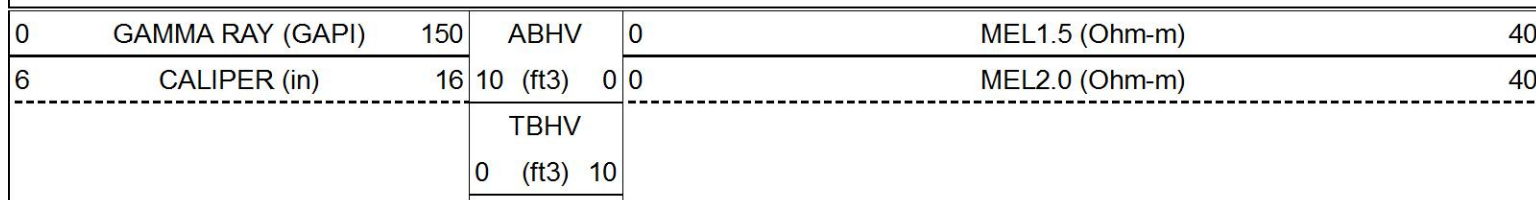
ABHV
5.5" CSG

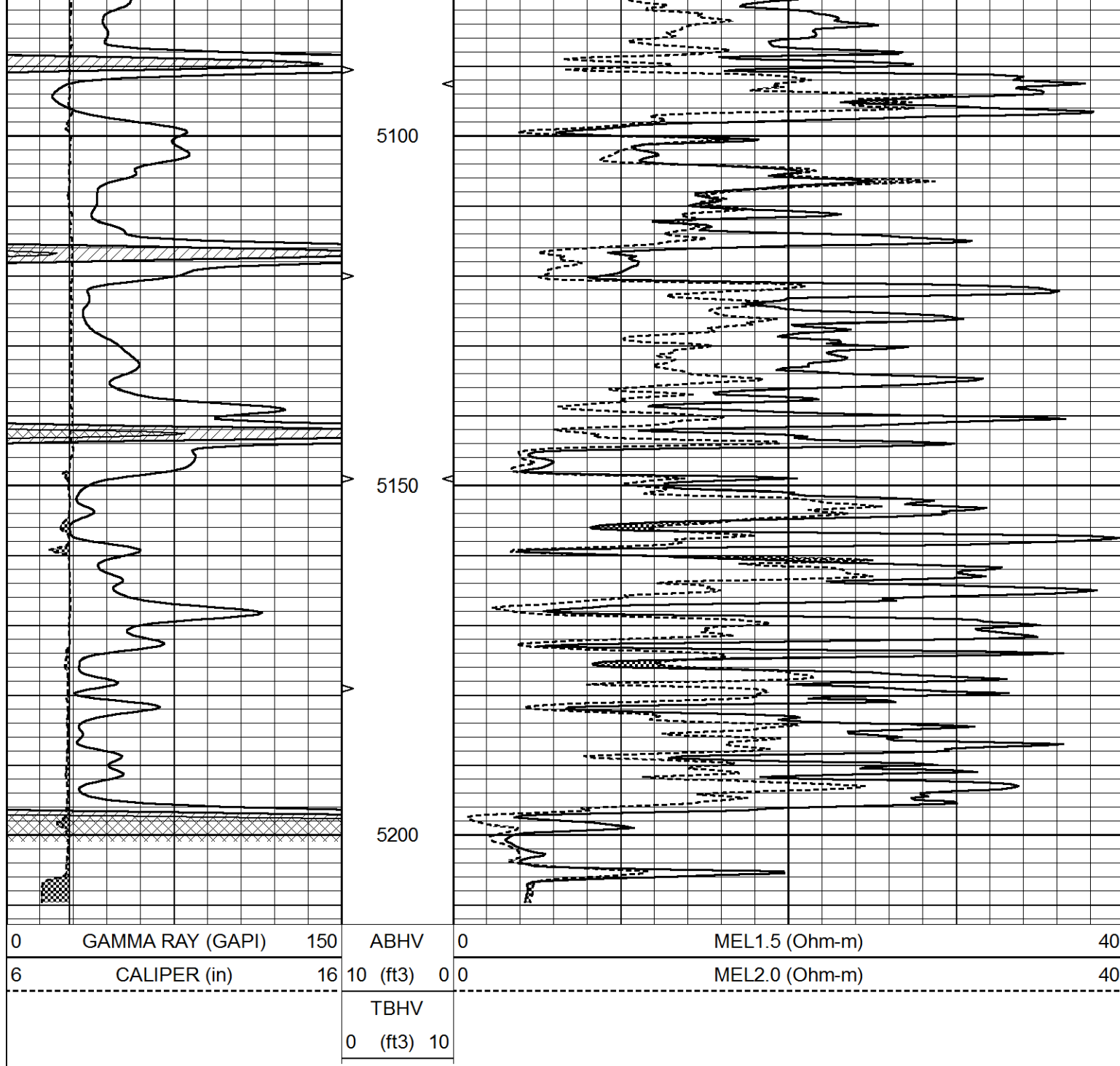




REPEAT SECTION

Database File 5854pe.db
 Dataset Pathname pass6.1
 Presentation Format _micro
 Dataset Creation Fri Sep 17 13:09:21 2021
 Charted by Depth in Feet scaled 1:240





Calibration Report			
Database File	5854pe.db		
Dataset Pathname	pass6.1		
Dataset Creation	Fri Sep 17 13:09:21 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=2.802	
References	Low Cal	High Cal	
Readings	8.000	14.000	
	0.723	1.557	
1.5" Calibration:	Gain=60.000	Offset=-0.567	

References	Low Cal	High Cal						
Readings	0.000	20.000						
	0.004	1.335						
2" Calibration:	Gain=95.000	Offset=-2.400						
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					