



MICRO LOG

Company RED OAK ENERGY, INC.

Well NILS UNIT #1-13

Field WILDCAT

County GREELEY State KANSAS

Location: API #: 15-071-20895-0000

1362' FNL & 120' FWL

SEC 13 TWP 16S RGE 42W

Permanent Datum GROUND LEVEL Elevation 3784
Log Measured From KELLY BUSHING 8' A.G.L.
Drilling Measured From KELLY BUSHING

Other Services
CDL/CNL/PE
DIL
Elevation
K.B. 3792
D.F. 3790
G.L. 3784

Date 7/14/21

Run Number TWO

Depth Driller 5159

Depth Logger 5160

Bottom Logged Interval 5158

Top Log Interval 3900

Casing Driller 8 5/8" @ 388'

Casing Logger 388'

Bit Size 7 7/8

Type Fluid in Hole CHEMICAL MUD

Density / Viscosity 9.3/71

pH / Fluid Loss 9.0/8.8

Source of Sample FLOWLINE

Rm @ Meas. Temp .90 @ 82F

Rmf @ Meas. Temp .67 @ 82F

Rmc @ Meas. Temp 1.08 @ 82F

Source of Rmf / Rmc MEASUREMENT

Rm @ BHT .58 @ 126F

Time Circulation Stopped 2 HOURS

Time Logger on Bottom 1111

Maximum Recorded Temperature 126F

Equipment Number 3802

Location HAYS, KANSAS

Recorded By JASON CAPPELLUCCI

Witnessed By SEAN DEENIHAN

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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

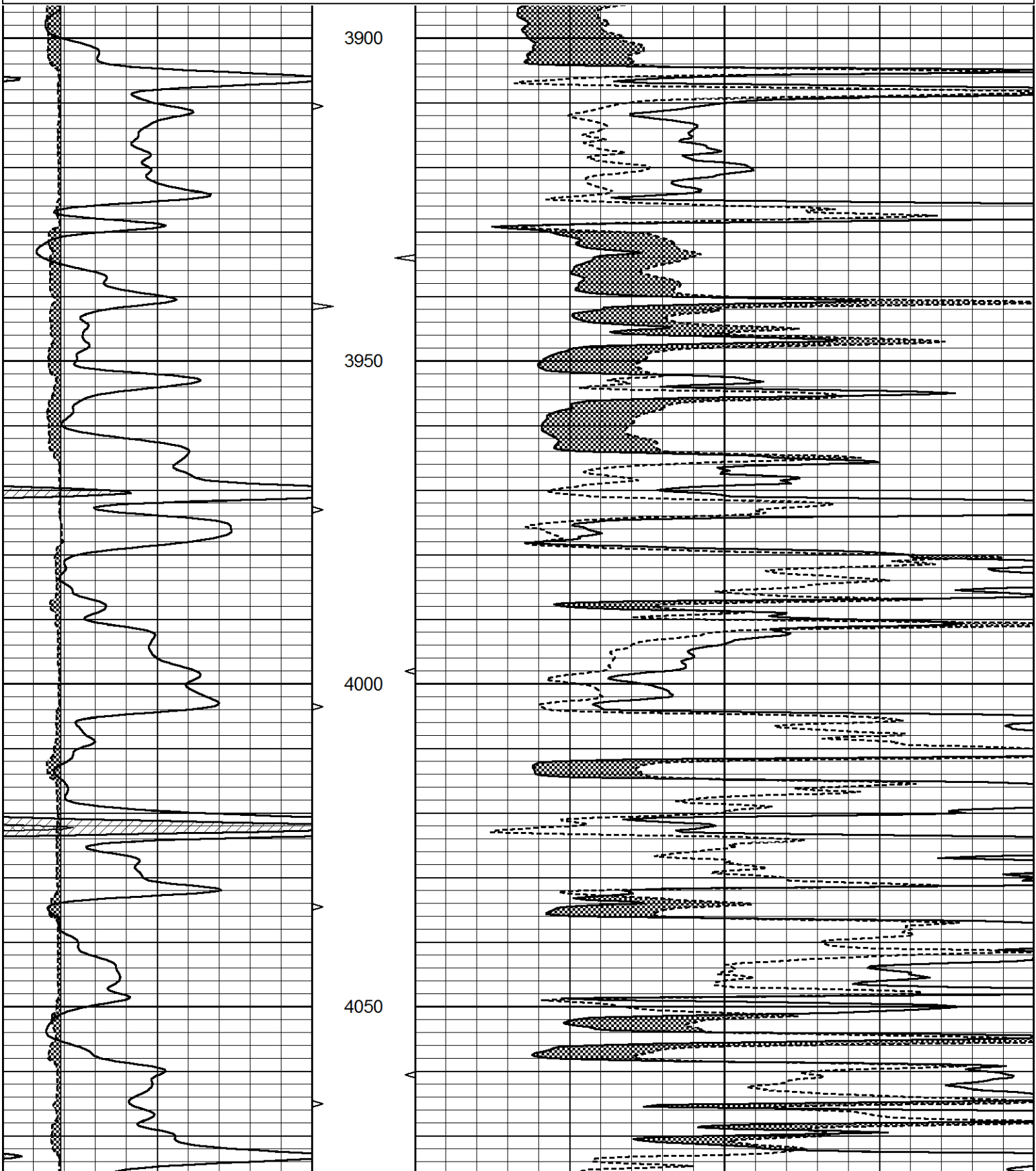
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
SHARON SPRINGS, KS. - SOUTH TO COUNTY LINE - 3 SOUTH TO D RD. - 8 WEST
TO RD. 7 - 3/4 NORTH - EAST INTO

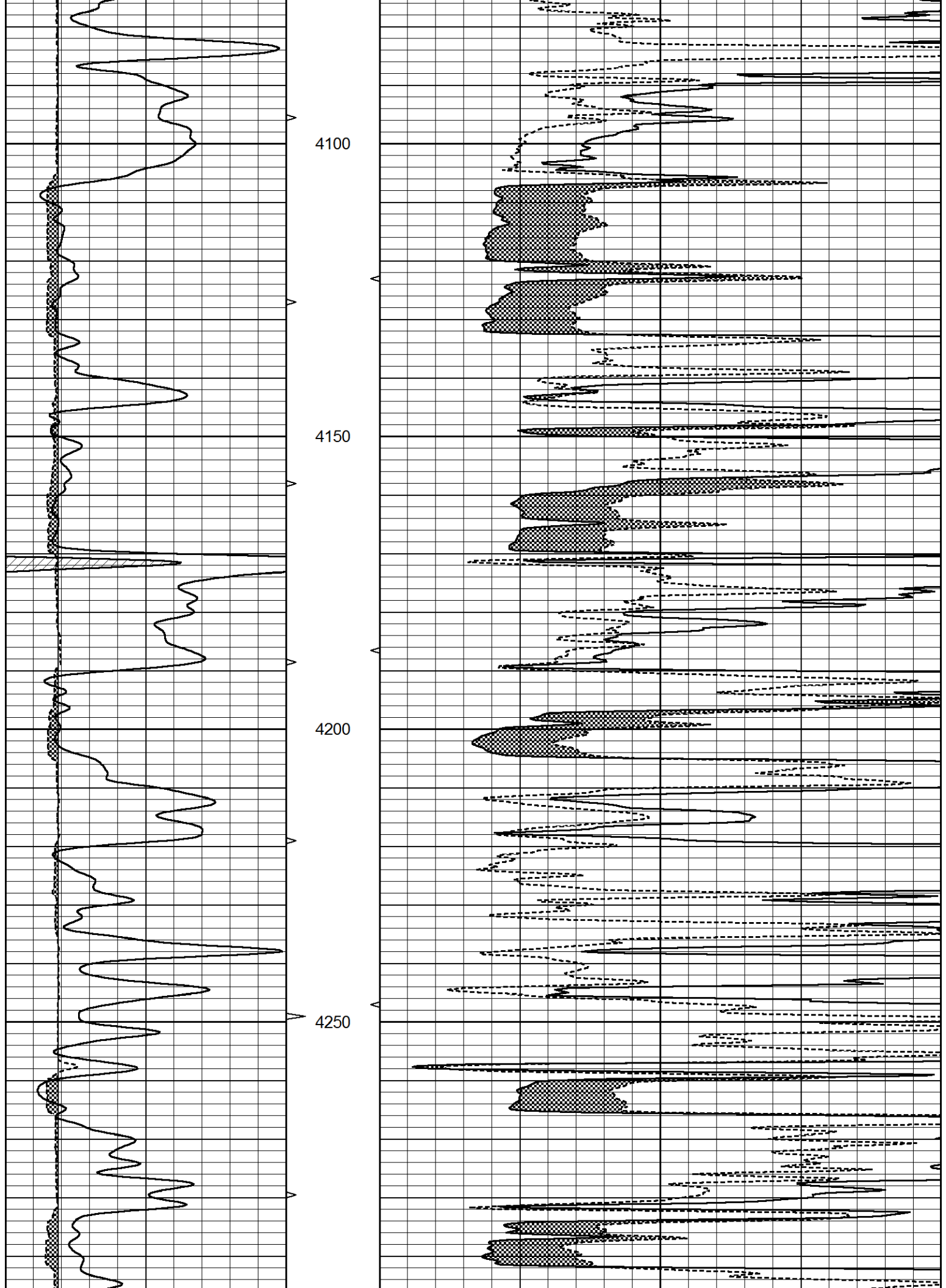


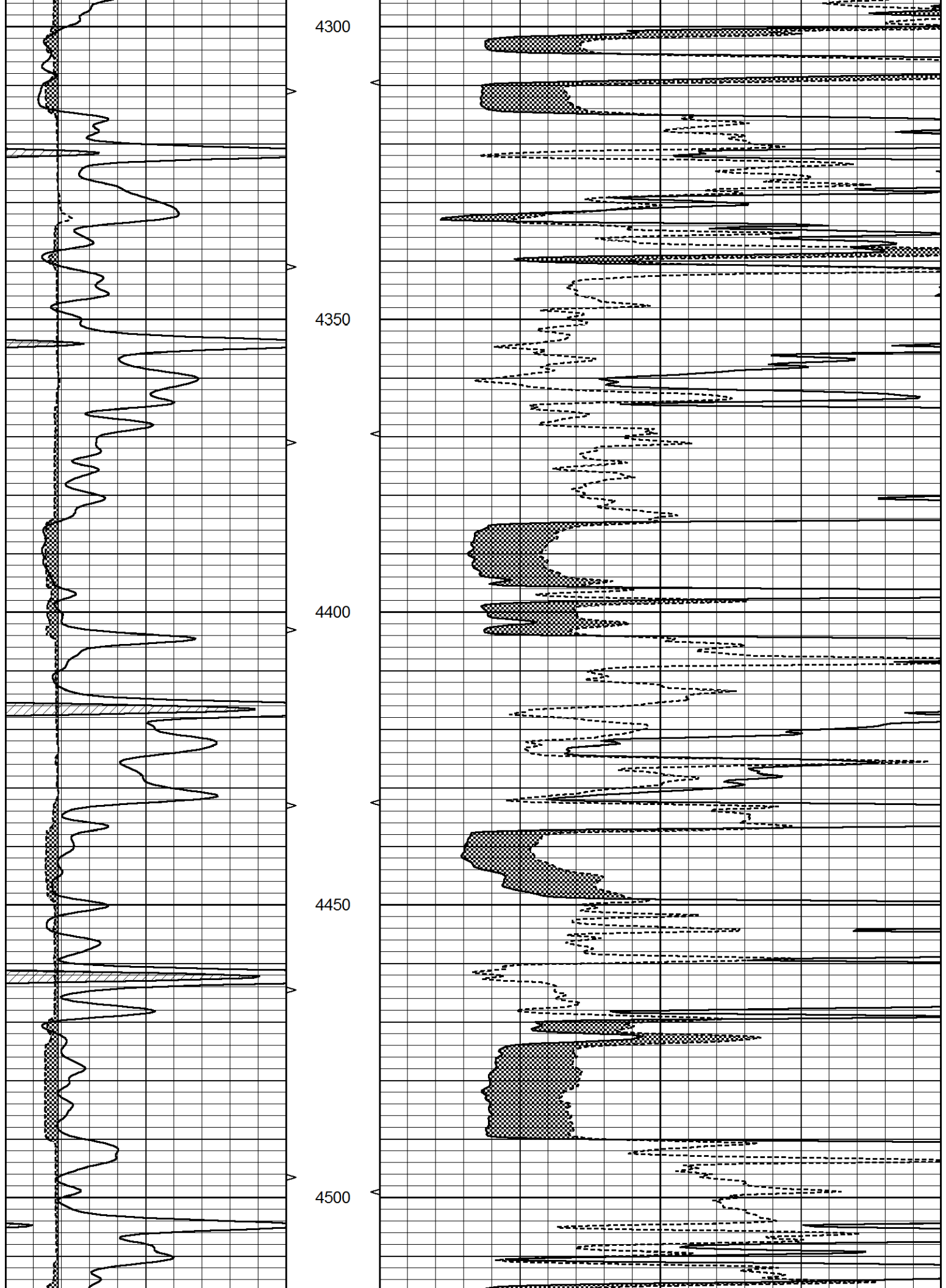
MAIN SECTION

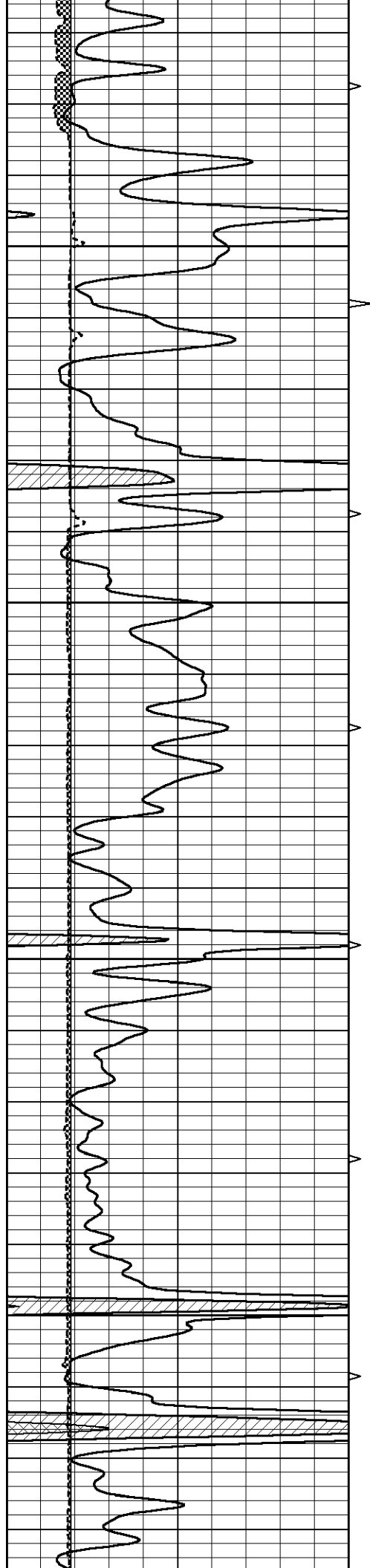
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Dataset Pathname	pass6.1
Presentation Format	_micro
Dataset Creation	Wed Jul 14 12:18:20 2021
Charted by	Depth in Feet scaled 1:240

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		







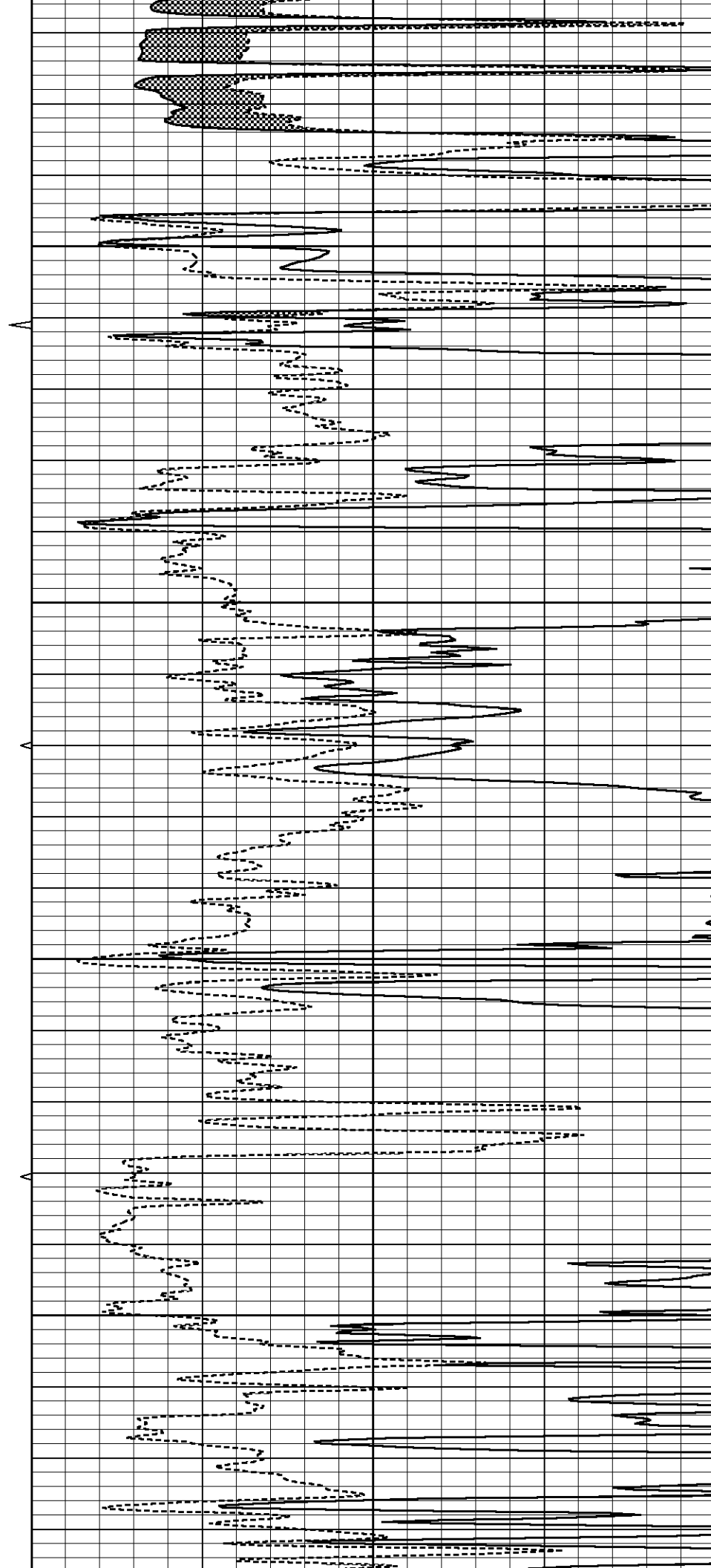


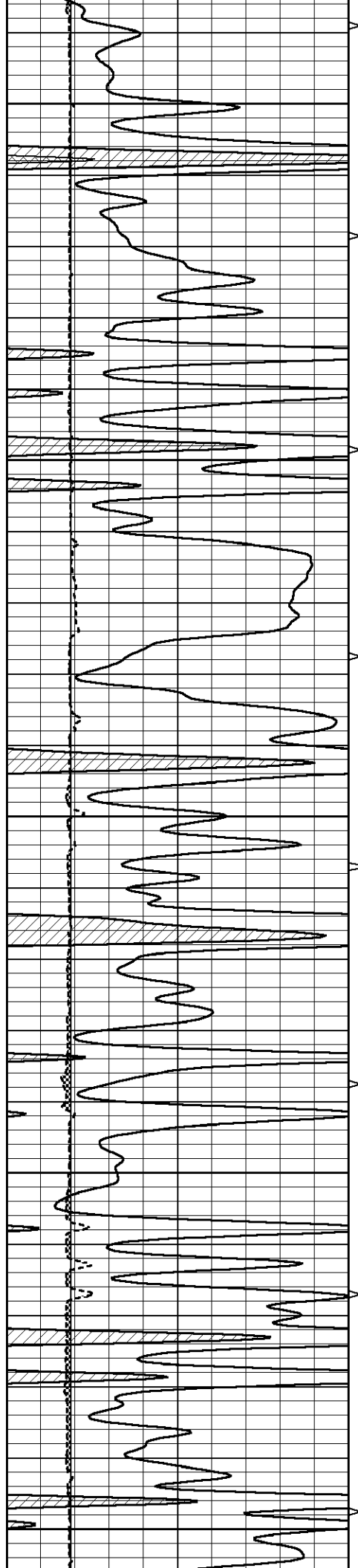
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4600

4650

4700





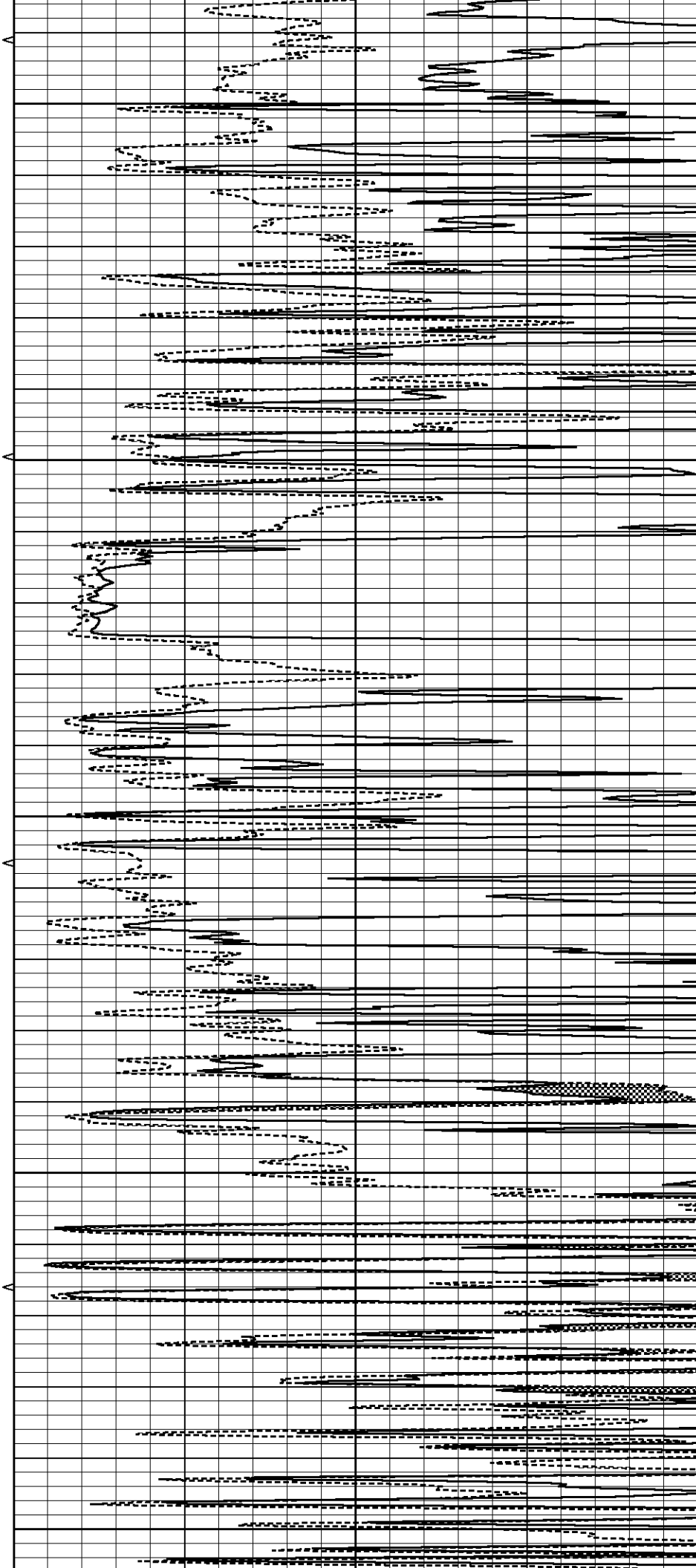
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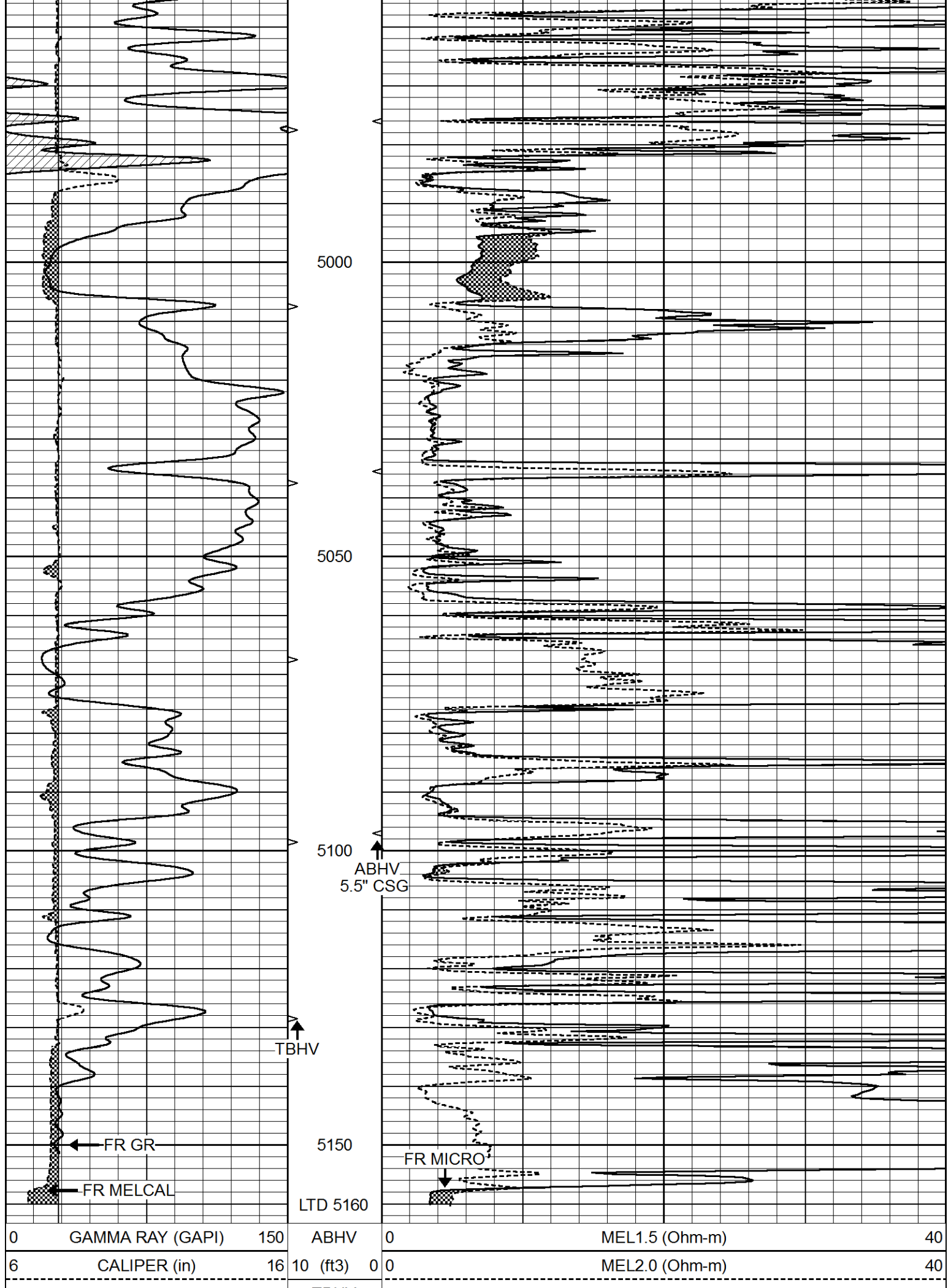
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4850

4900

4950







REPEAT SECTION

Database File

5631pe.db

Dataset Pathname

pass5.1

Presentation Format

_micro

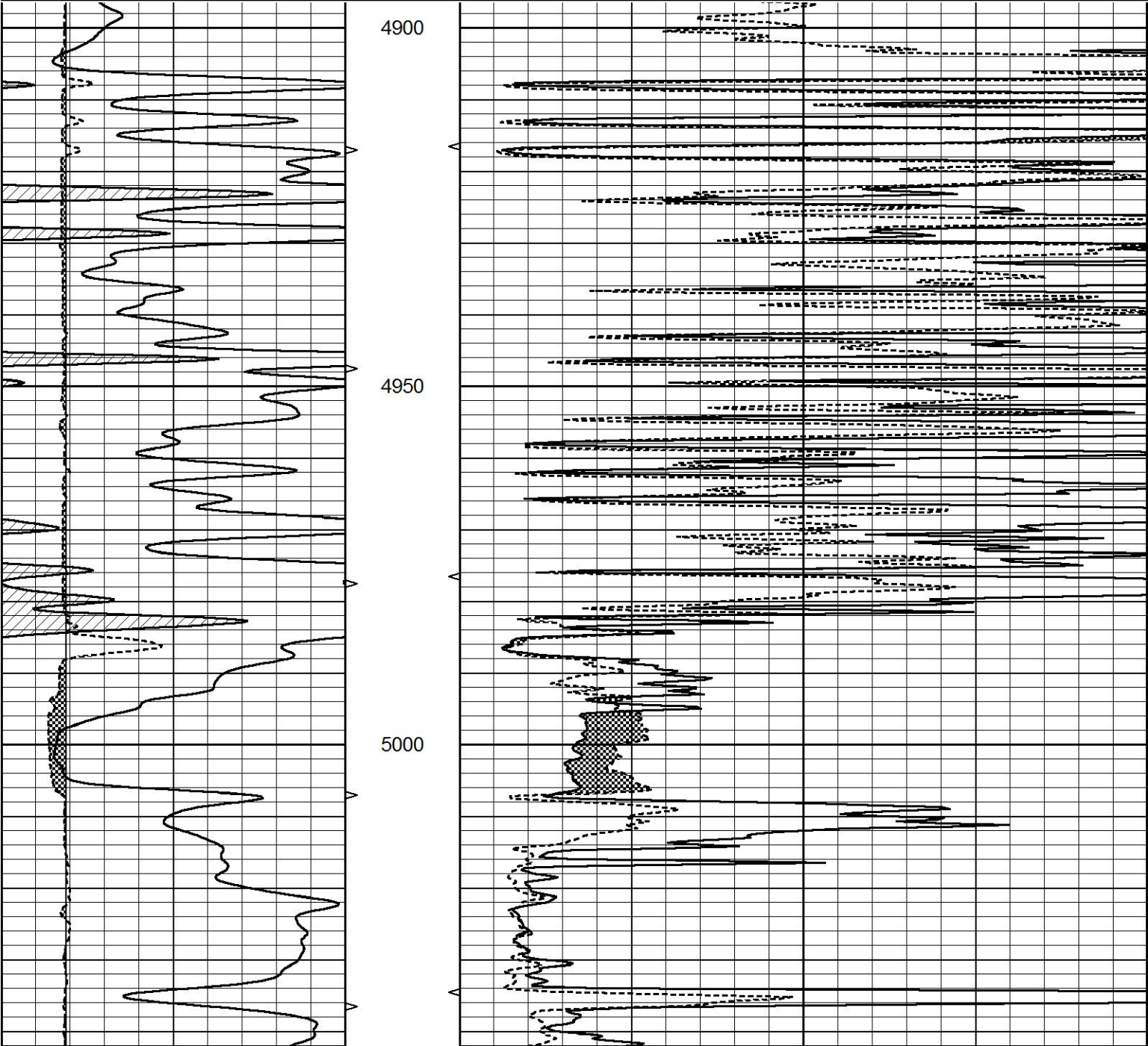
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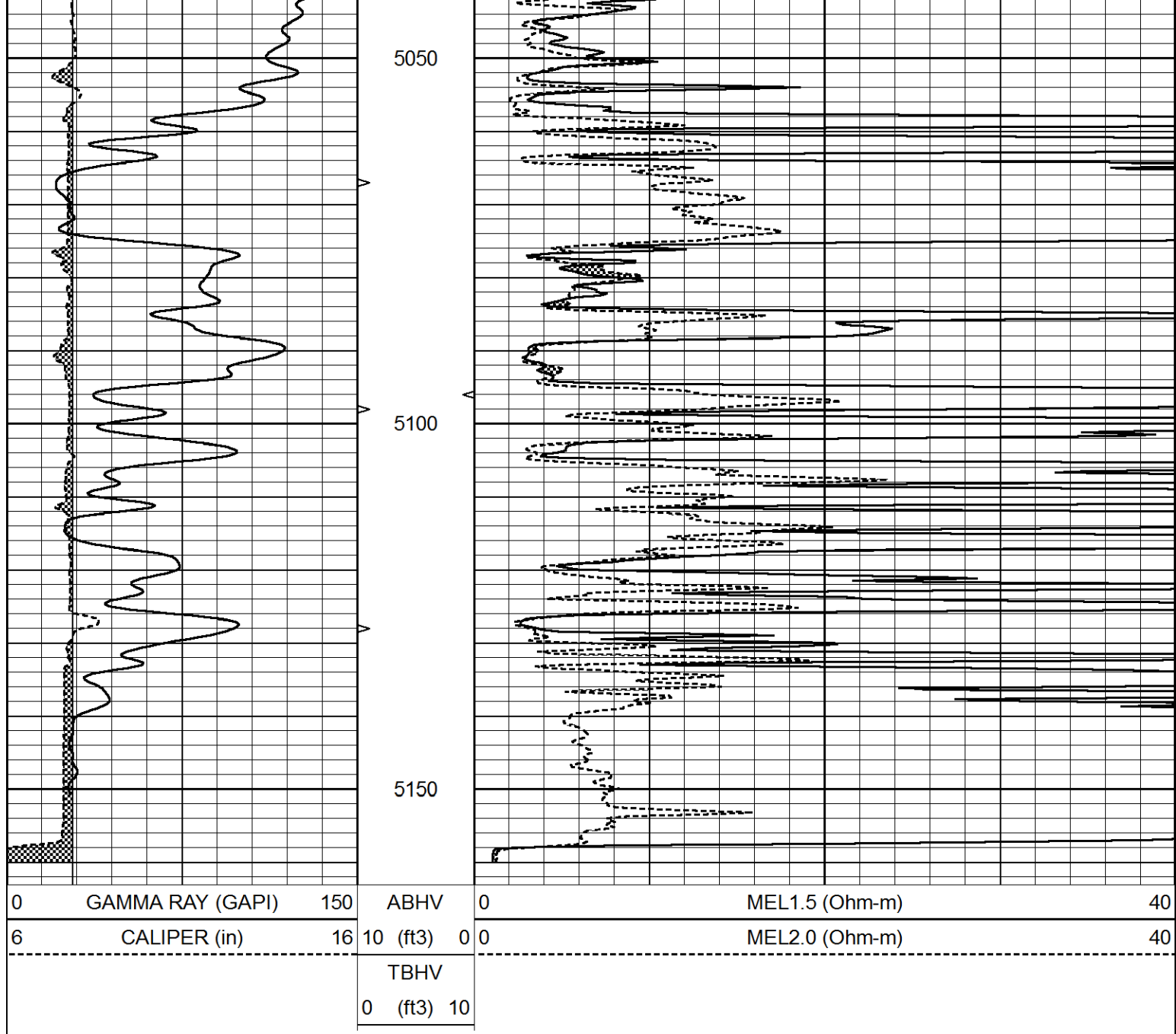
Wed Jul 14 12:00:44 2021

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			





Calibration Report			
Database File	5631pe.db		
Dataset Pathname	pass5.1		
Dataset Creation	Wed Jul 14 12:00:44 2021		
MICRO_USR Calibration Report			
Serial Number:	070910		
Tool Model:	ProbeL		
Performed:	Thu Jun 10 10:36:57 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=50.000	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			