



MICRO LOG

Company L. D. DRILLING, INC.

Well #1-20 SPORT

Field WILDCAT

County GOVE State KANSAS

Location: API #: 15-063-22379-0000

422' FNL & 2363' FEL

Other Services
CDL/CNL
DIL

SEC 20 TWP 15S RGE 29W

Permanent Datum GROUND LEVEL Elevation 2492
Log Measured From KELLY BUSHING 5' A.G.L.
Drilling Measured From KELLY BUSHING

Elevation
K.B. 2497
D.F. 2495
G.L. 2492

Date 12/13/20

Run Number TWO

Depth Driller 4300

Depth Logger 4308

Bottom Logged Interval 4306

Top Log Interval 3100

Casing Driller 8 5/8" @ 262

Casing Logger 262

Bit Size 7 7/8

Type Fluid in Hole CHEMICAL MUD

Density / Viscosity 9.2/52

pH / Fluid Loss 10.5/8.0

Source of Sample FLOWLINE

Rm @ Meas. Temp .95 @ 72F

Rmf @ Meas. Temp .71 @ 72F

Rmc @ Meas. Temp 1.14 @ 72F

Source of Rmf / Rmc MEASUREMENT

Rm @ BHT .57 @ 118F

Time Circulation Stopped 2 HOURS

Time Logger on Bottom

Maximum Recorded Temperature 118F

Equipment Number 3802

Location HAYS, KANSAS

Recorded By JASON CAPPELLUCCI

Witnessed By KIM SHOEMAKER

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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

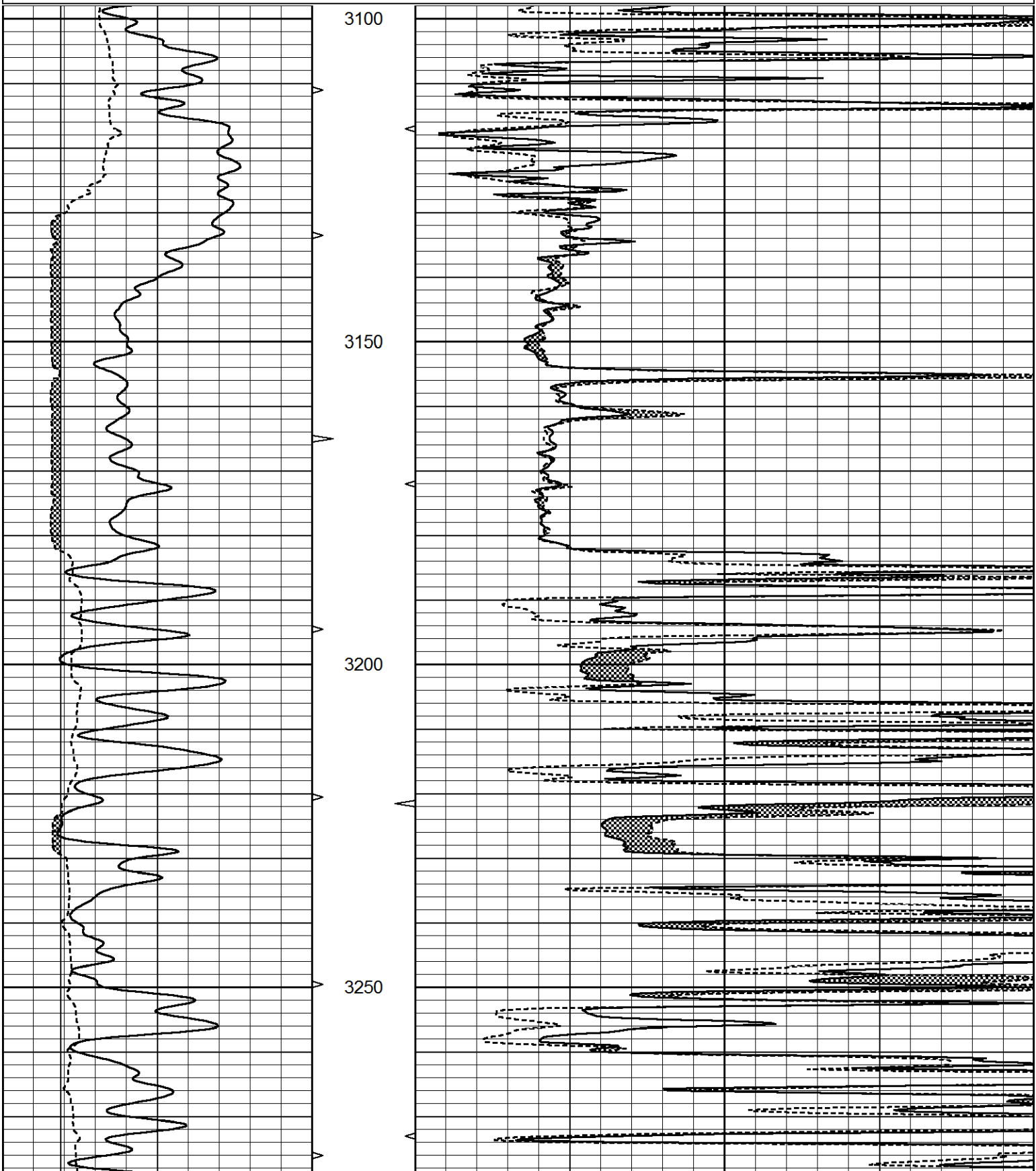
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
GOVE, KS. - SOUTH TO RD. C (2 MILES NORTH OF COUNTY LINE) - 3 1/4 WEST
NORTH INTO

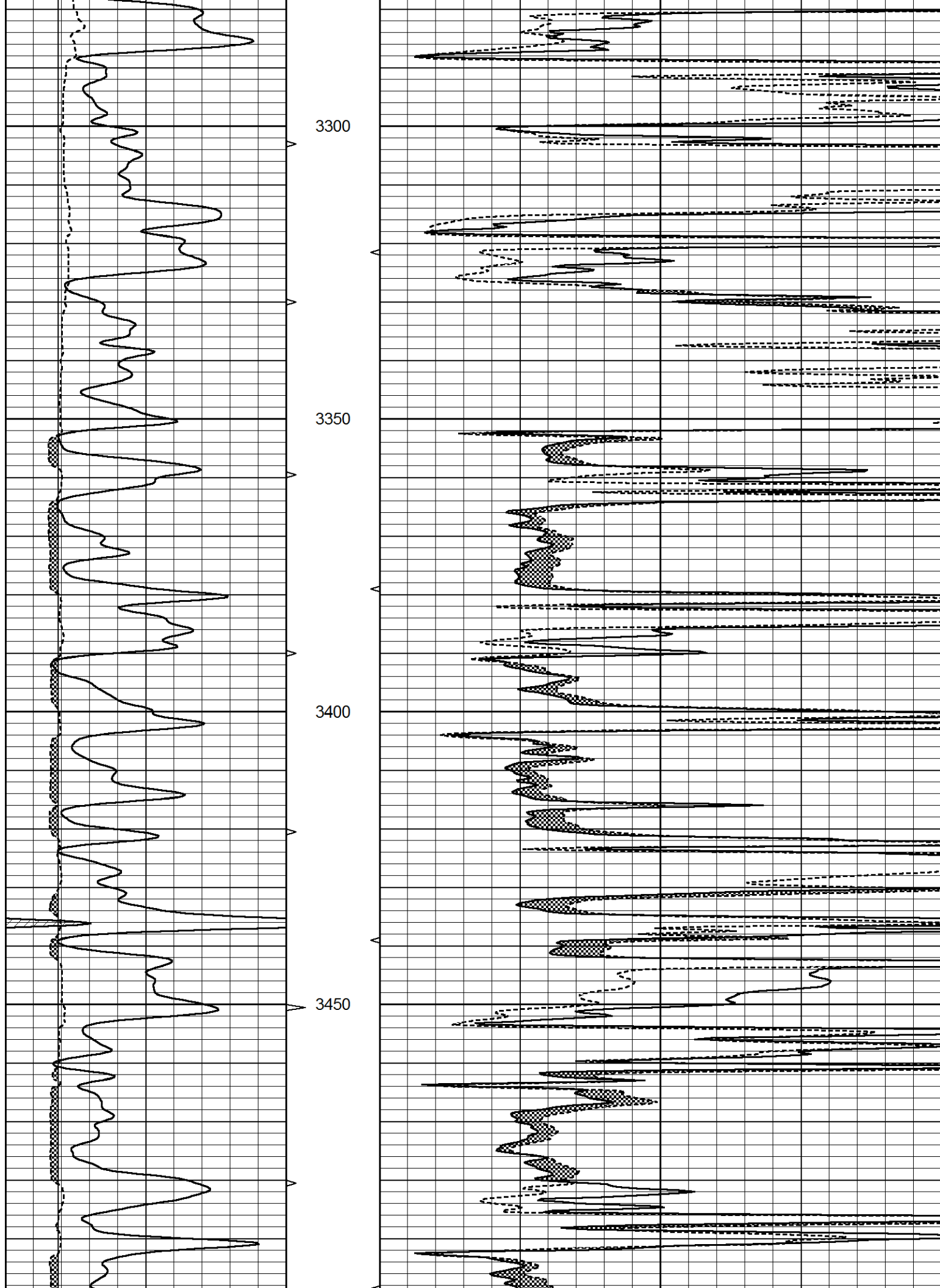


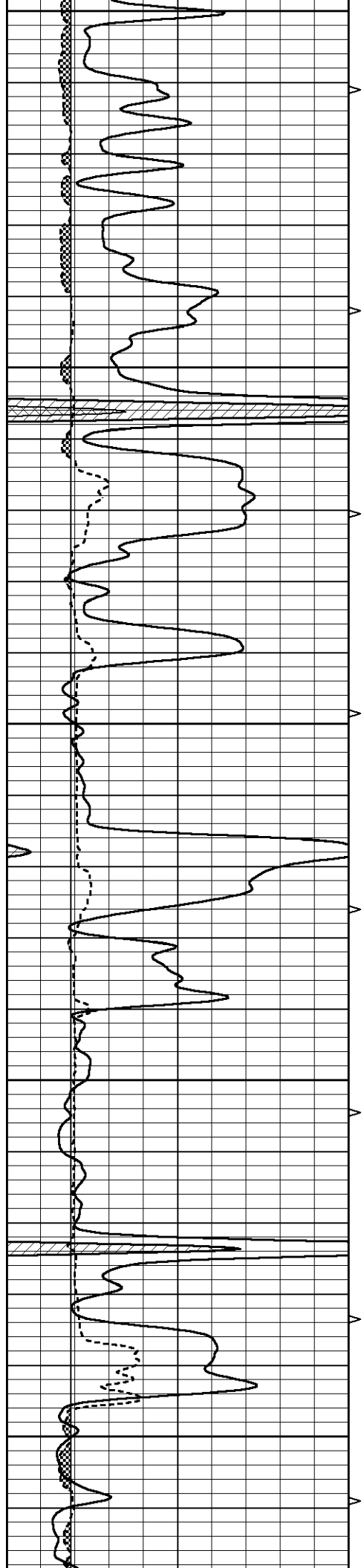
MAIN SECTION

Database File	5246ddn.db
Dataset Pathname	pass6.1
Presentation Format	_micro
Dataset Creation	Sun Dec 13 04:59:31 2020
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		







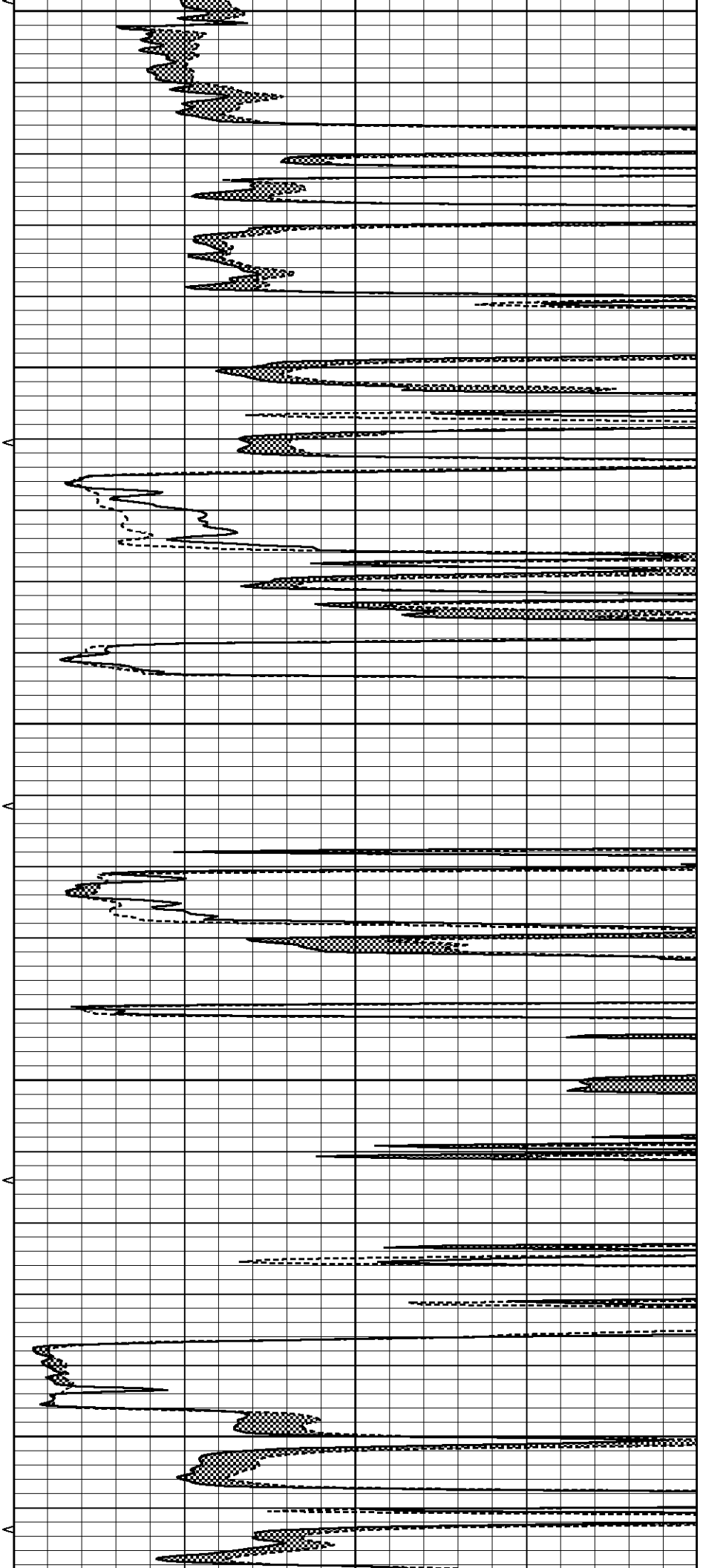
3500

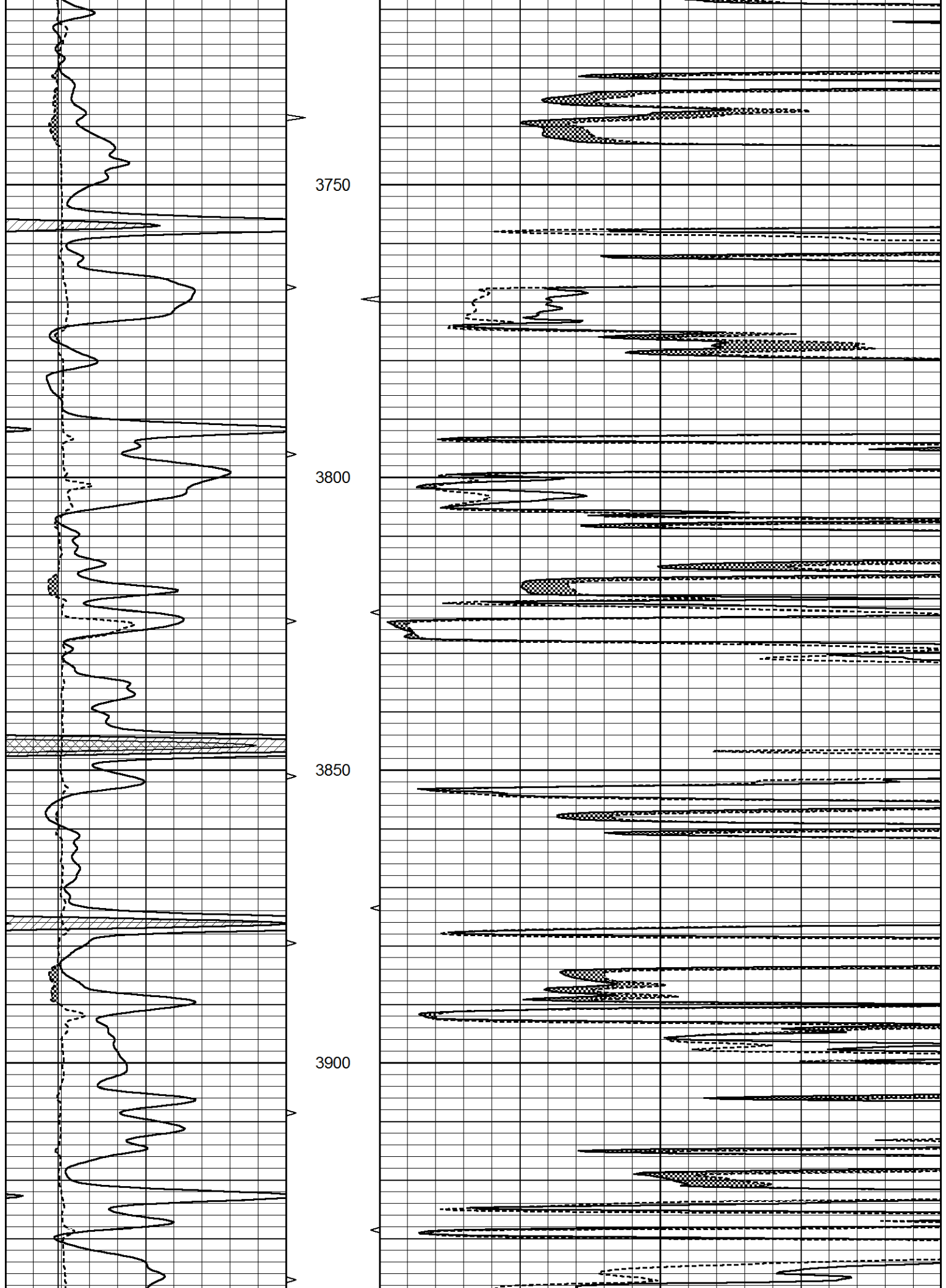
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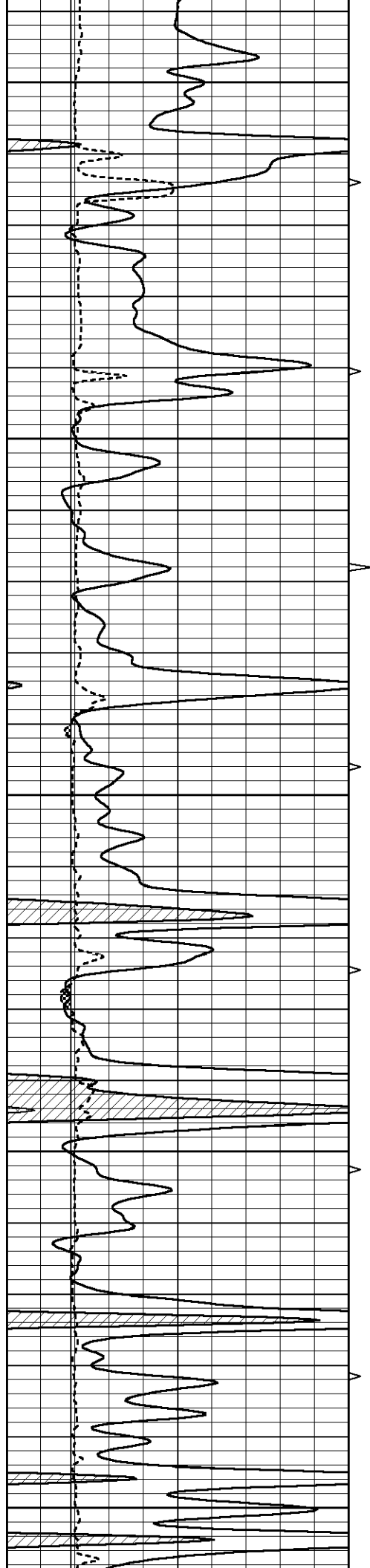
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3650

3700







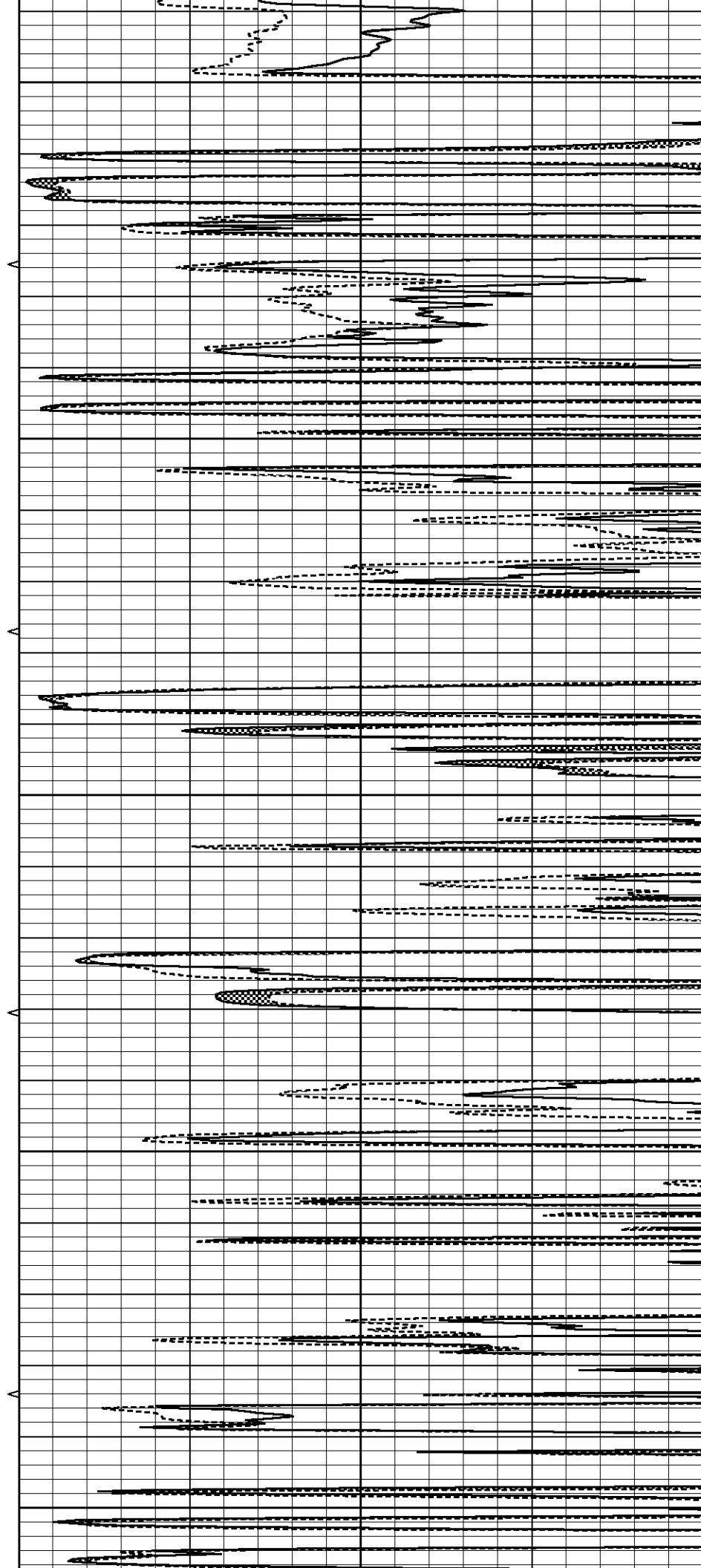
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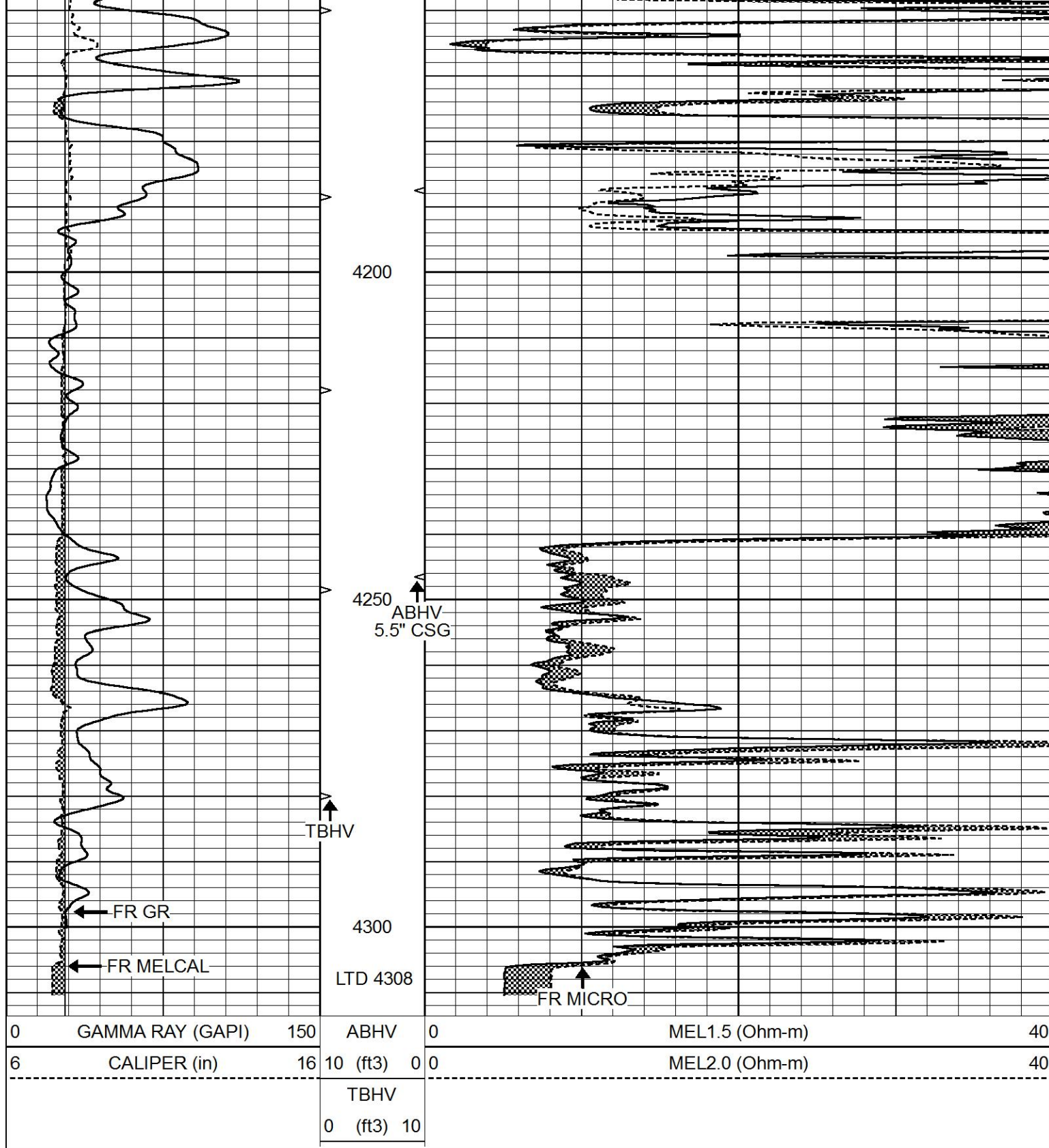
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4100

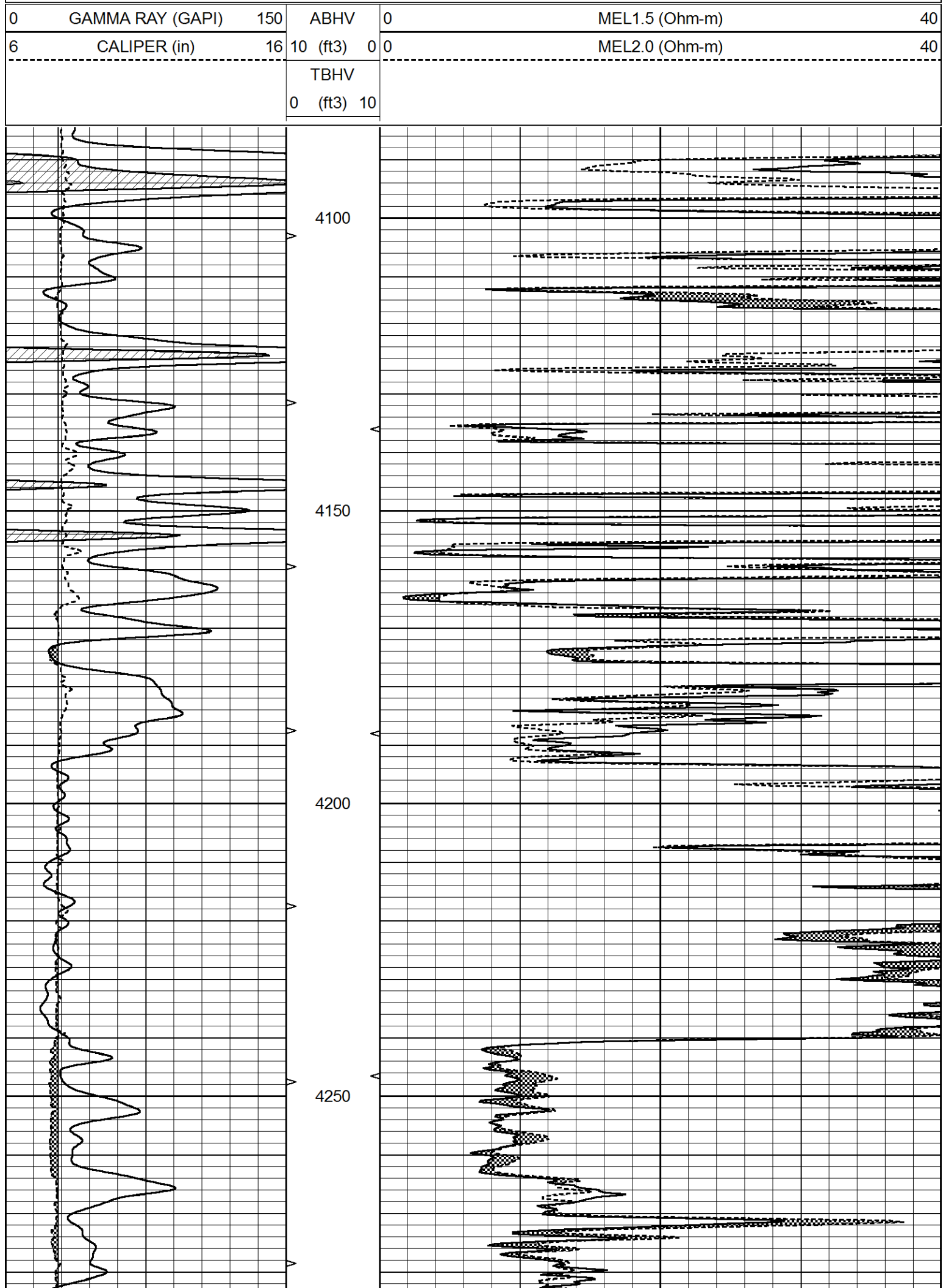
4150

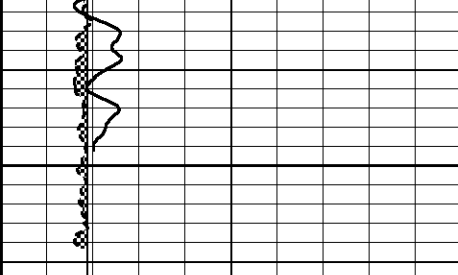
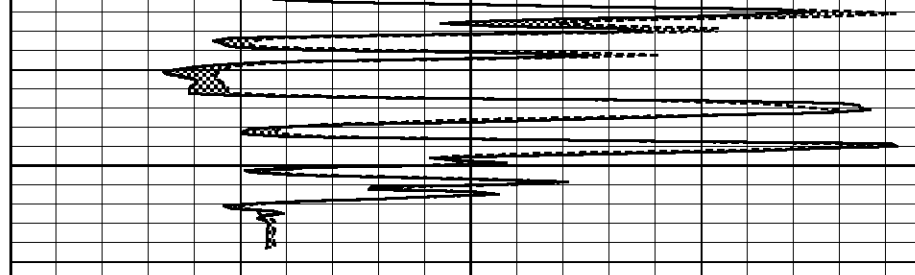




REPEAT SECTION

Database File 5246ddn.db
 Dataset Pathname pass5.1
 Presentation Format _micro
 Dataset Creation Sun Dec 13 04:58:57 2020
 Charted by Depth in Feet scaled 1:240



			4300					
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	5246ddn.db	
Dataset Pathname	pass5.1	
Dataset Creation	Sun Dec 13 04:58:57 2020	

MICRO_USR Calibration Report			
Serial Number:		070911	
Tool Model:		ProbeL	
Performed:		Wed Aug 07 14:47:35 2019	
Caliper Calibration:		Gain=3.755	Offset=2.050
References		Low Cal	High Cal
Readings		8.000	14.000
		1.451	3.049
1.5" Calibration:		Gain=60.000	Offset=-3.000
References		Low Cal	High Cal
Readings		0.000	20.000
		0.004	0.843
2" Calibration:		Gain=45.000	Offset=-0.650
References		Low Cal	High Cal
Readings		0.000	20.000
		0.021	0.810

Microlog Calibration Report								
Serial-Model:			070911-ProbeL					
Performed:			Sat Apr 11 01:13:01 2015					
Readings			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:		Fri Oct 30 21:32:56 2020
Calibrator Value:		1.0 GAPI
Background Reading:		0.0 cps

Background Reading:

1.0

cps

Sensitivity:

0.2700

GAPI/cps