



MICRO LOG

Company	PETROLEUM DEVELOPMENT CO.	Company	PETROLEUM DEVELOPMENT COMPANY
Well	WLSR #1-13	Well	WLSR #1-13
Field	CONVICTION	Field	CONVICTION
County	KEARNY	County	KEARNY
State	KANSAS	State	KANSAS
Location:	API # : 15-093-21991-0000 1732' FNL & 412' FWL SE - NW - SW - NW	Other Services CDL/CNL/PE DIL/SONC	
Permanent Datum	GROUND LEVEL	Elevation	3017
Log Measured From	KELLY BUSHING 8' A.G.L.	K.B. 3025 D.F. 3023 G.L. 3017	
Drilling Measured From	KELLY BUSHING		
SEC 13 TWP 22S RGE 35W			
Date	9/16/21		
Run Number	TWO		
Depth Driller	4980		
Depth Logger	4976		
Bottom Logged Interval	4960		
Top Log Interval	3700		
Casing Driller	8 5/8"@1847'		
Casing Logger	1842		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 4,800 PPM	
Density / Viscosity	9.3/50		
pH / Fluid Loss	9.0/8.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.550@80F		
Rmf @ Meas. Temp	.413@80F		
Rmc @ Meas. Temp	.660@80F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.352@125F		
Time Circulation Stopped	4.5 HOURS		
Time Logger on Bottom	7:00 A.M.		
Maximum Recorded Temperature	125F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	KEN LeBLANC	COLE HINDS	

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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.

15-093-21991-0000

Comments

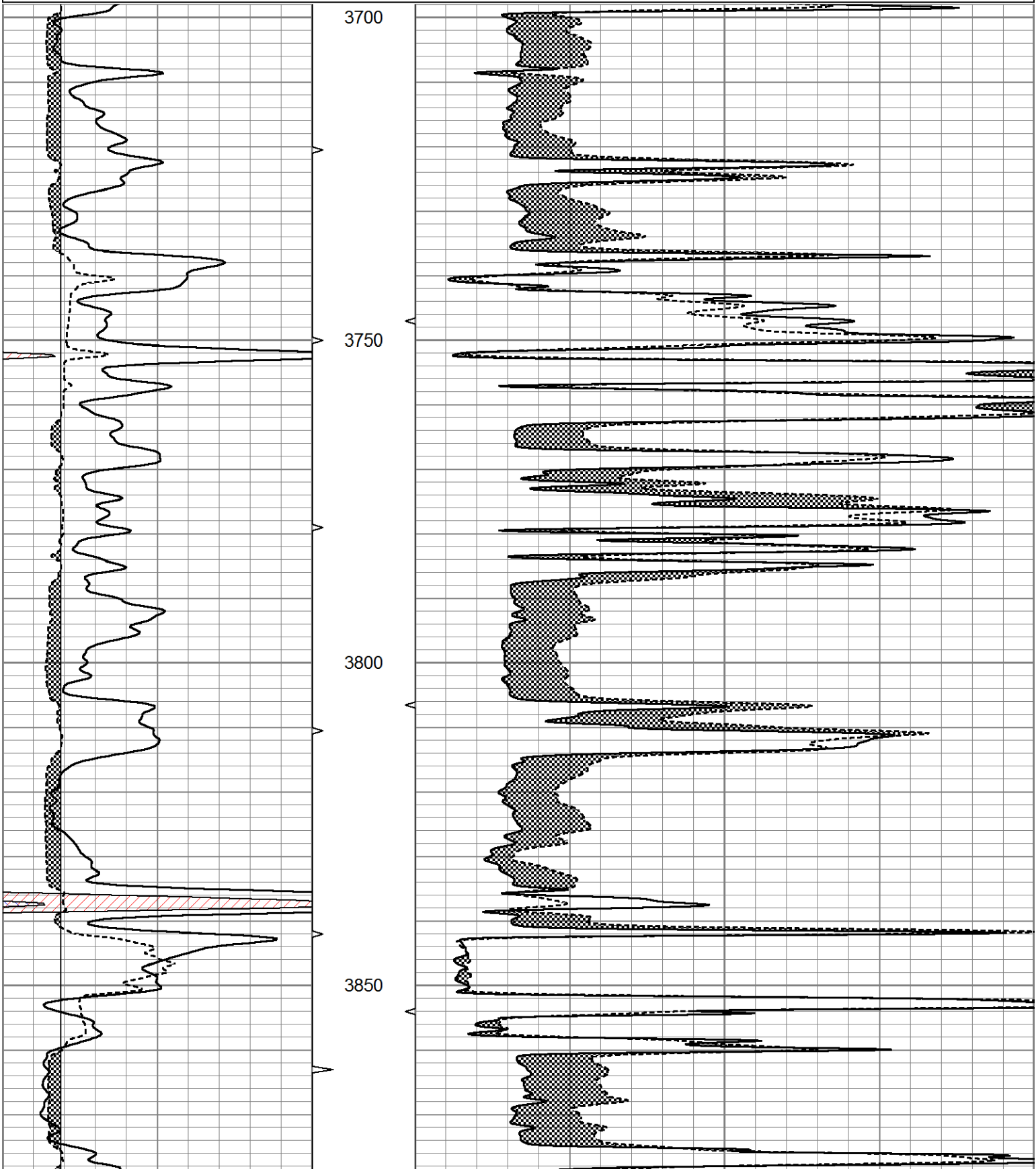
THANK YOU FOR USING E.L.I. WIRELINE SERVICES HAYS, KANSAS (785)628-6395
DIRECTIONS
DEERFIELD, KS., W. ON HWY 50 TO 1 MILE W. OF (FINNEY/KEARNY CO. LINE) 8N. ON BLKTOP, E. I

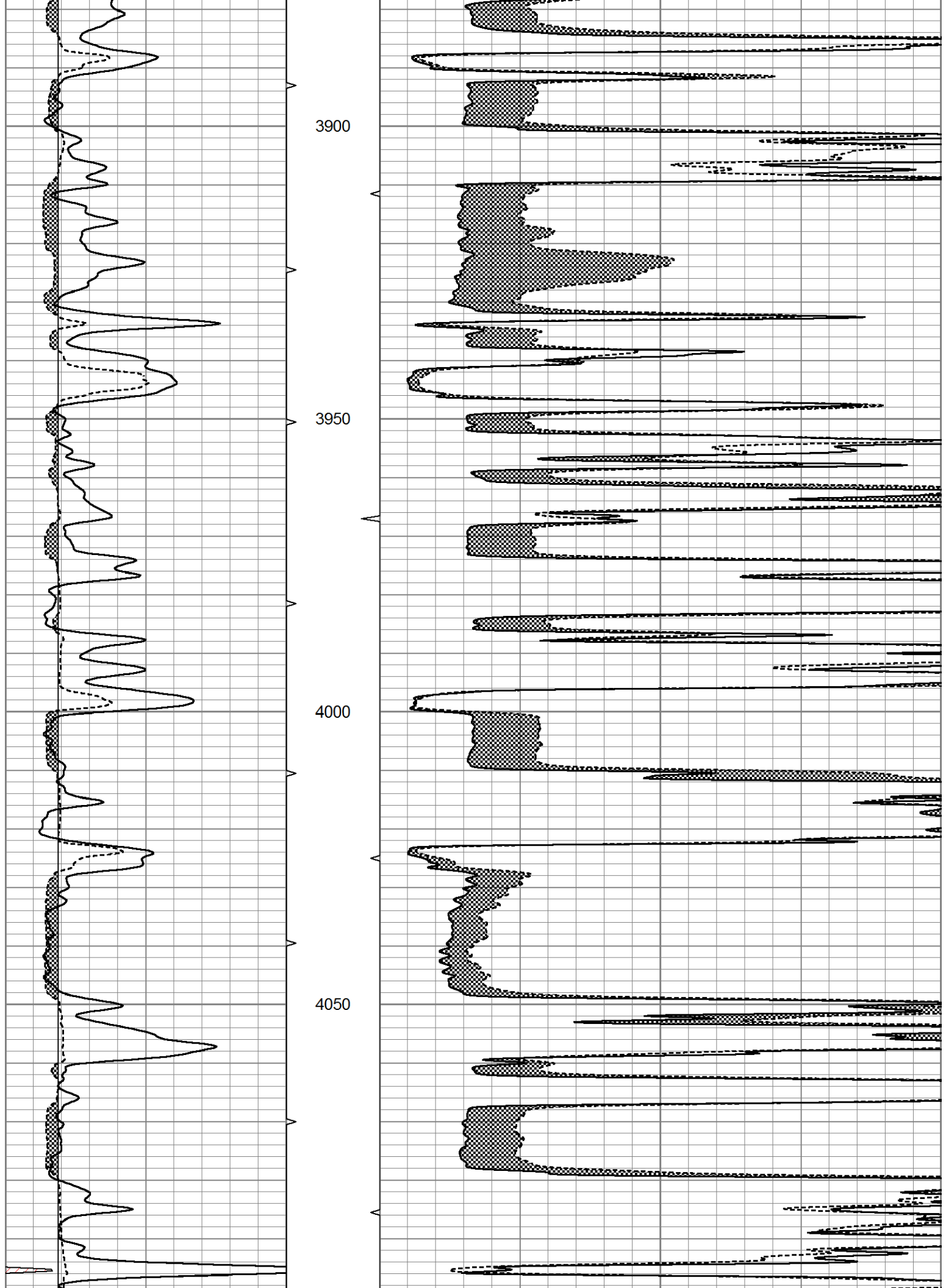


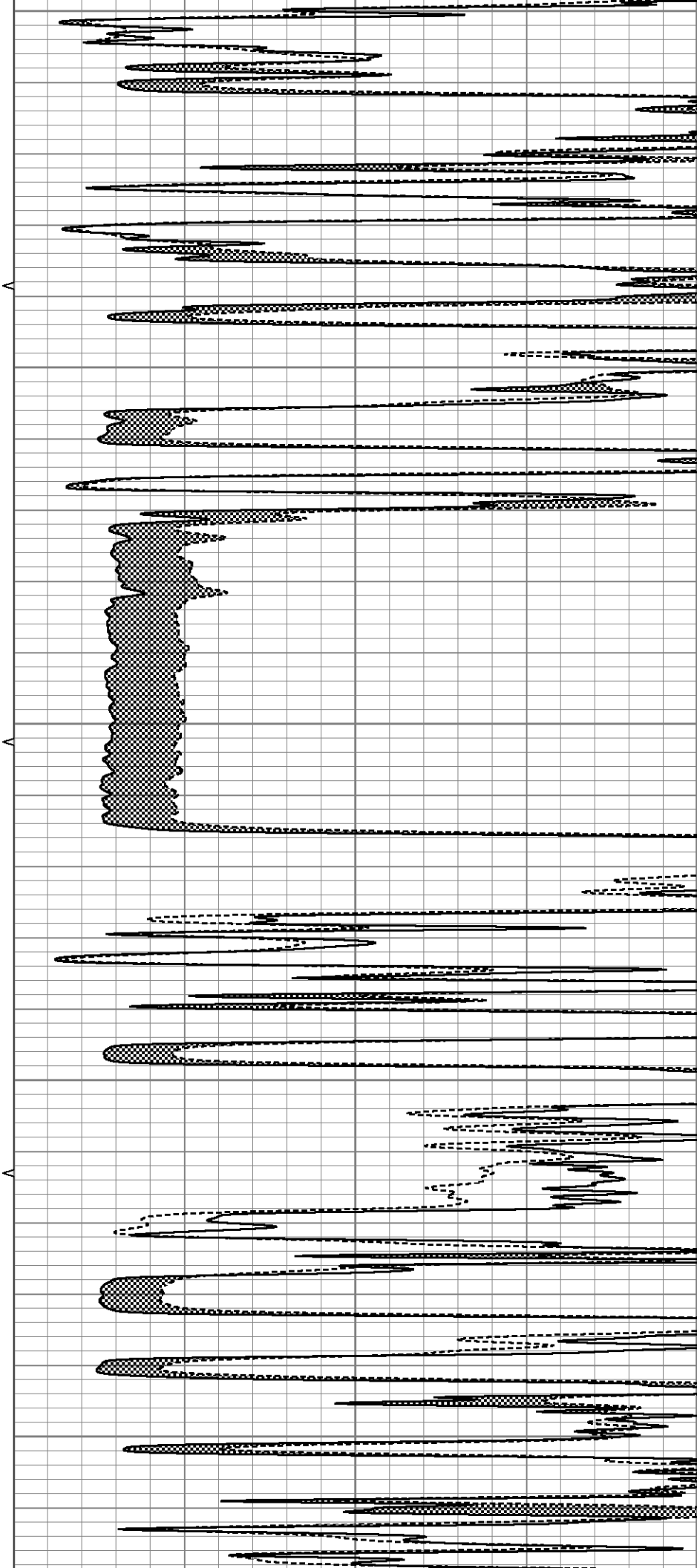
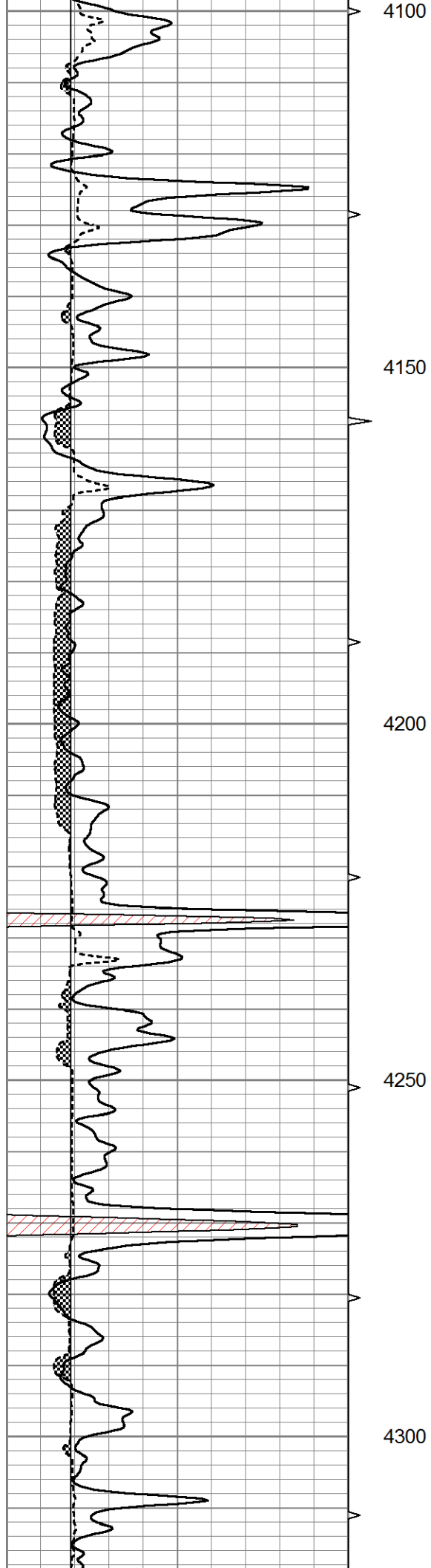
MAIN SECTION

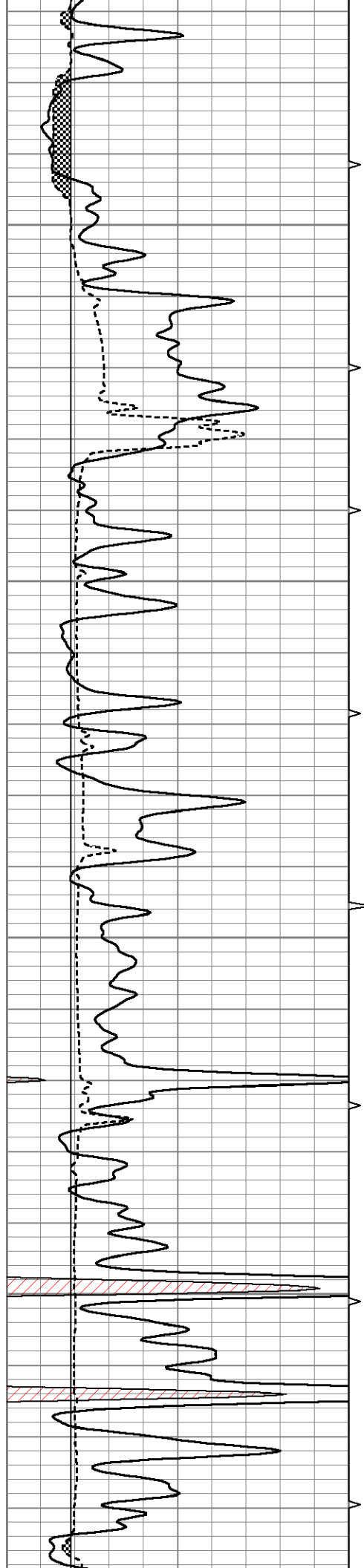
Database File	5657pe.db
Dataset Pathname	pass6.2
Presentation Format	micro
Dataset Creation	Thu Sep 16 08:22:56 2021
Charted by	Depth in Feet scaled 1:240

0	GR (GAPI)	150	ABHV	0	MEL20 (Ohm-m)	40
6	MELCAL (in)	16	10 (ft3)	0	MEL15 (Ohm-m)	40
			ABHV			
			0 (ft3) 10			







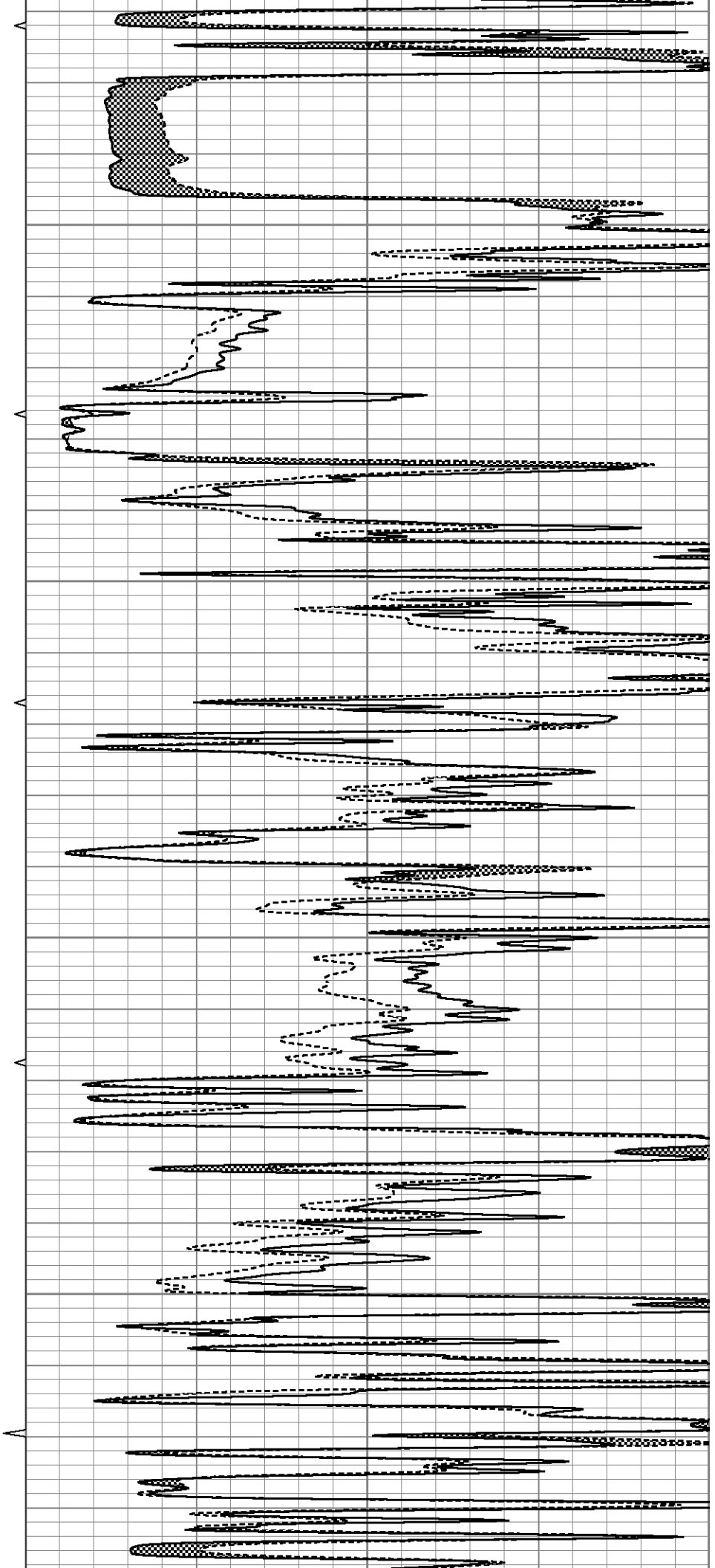


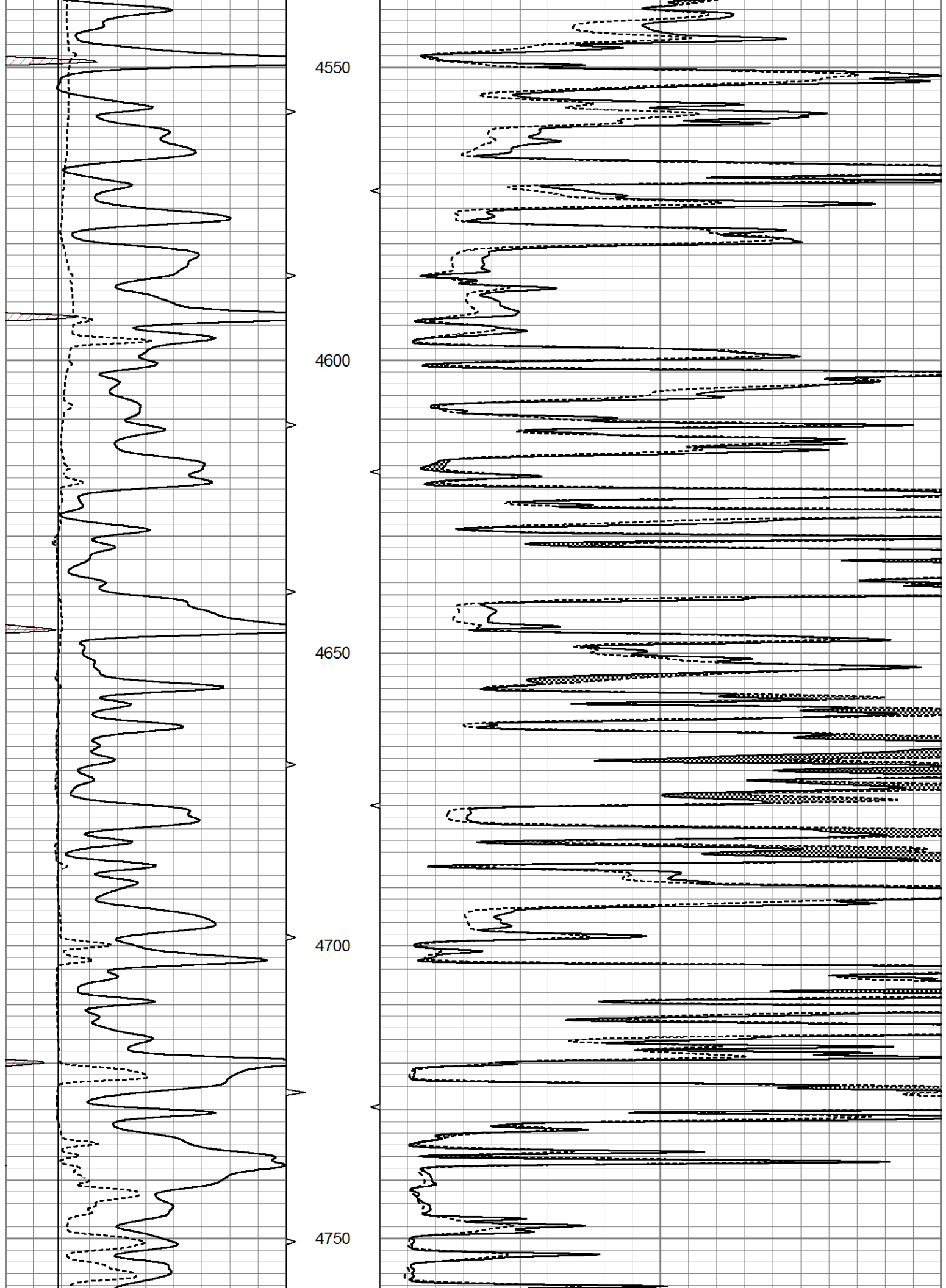
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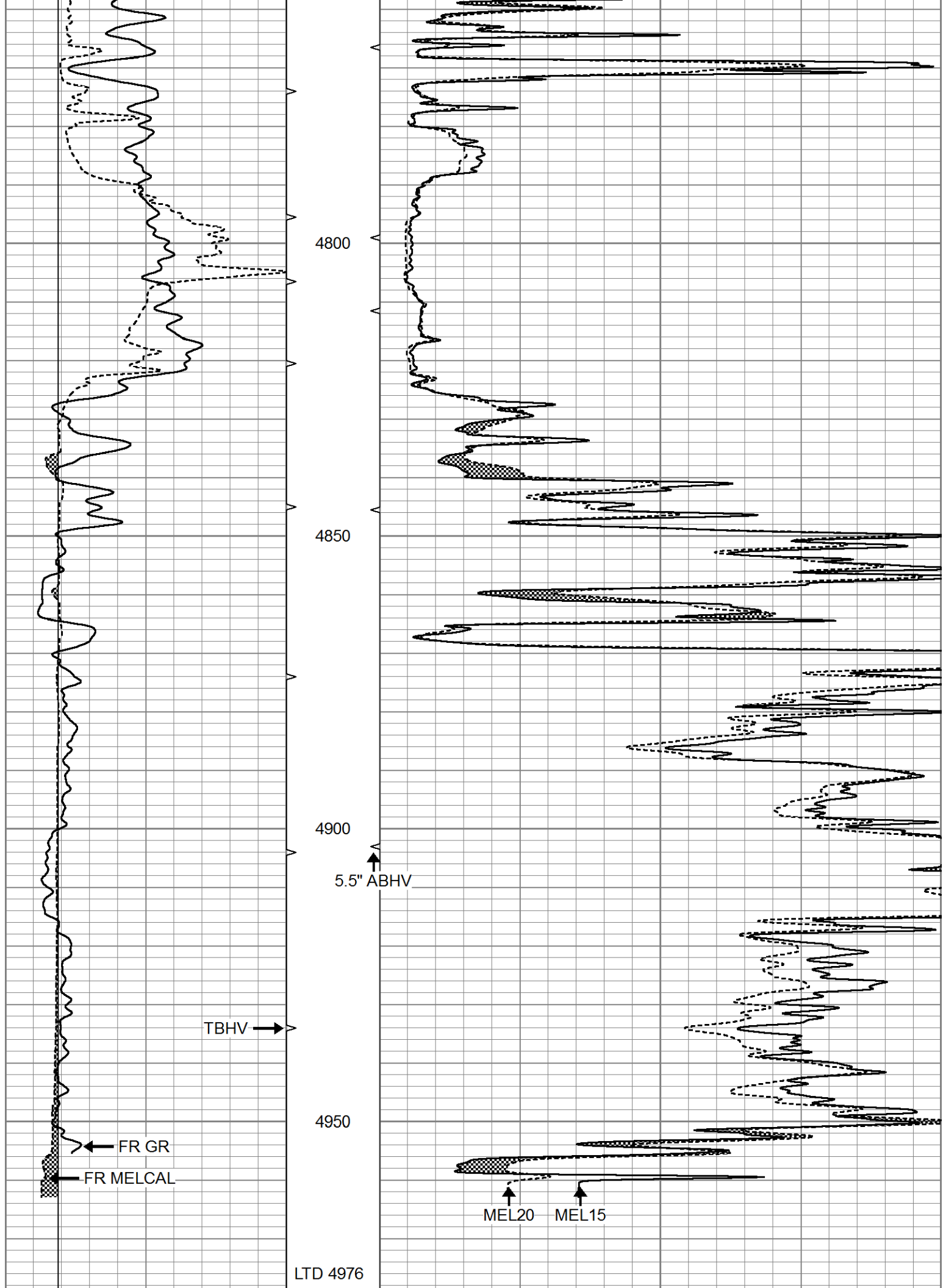
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4500







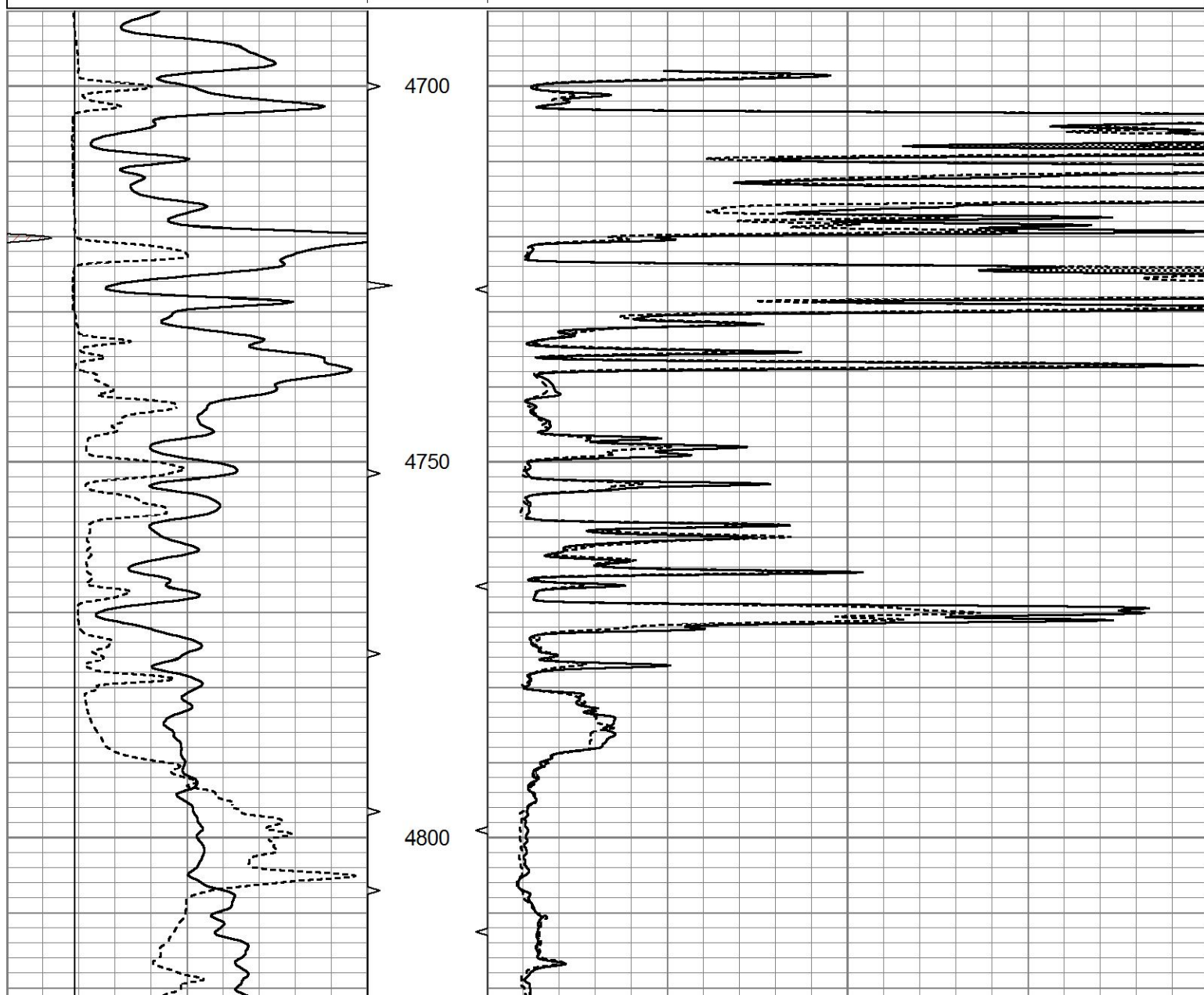
0	GR (GAPI)	150	ABHV	0	MEL20 (Ohm-m)	40
6	MELCAL (in)	16	10 (ft3) 0 0	0	MEL15 (Ohm-m)	40
			ABHV			
			0 (ft3) 10			

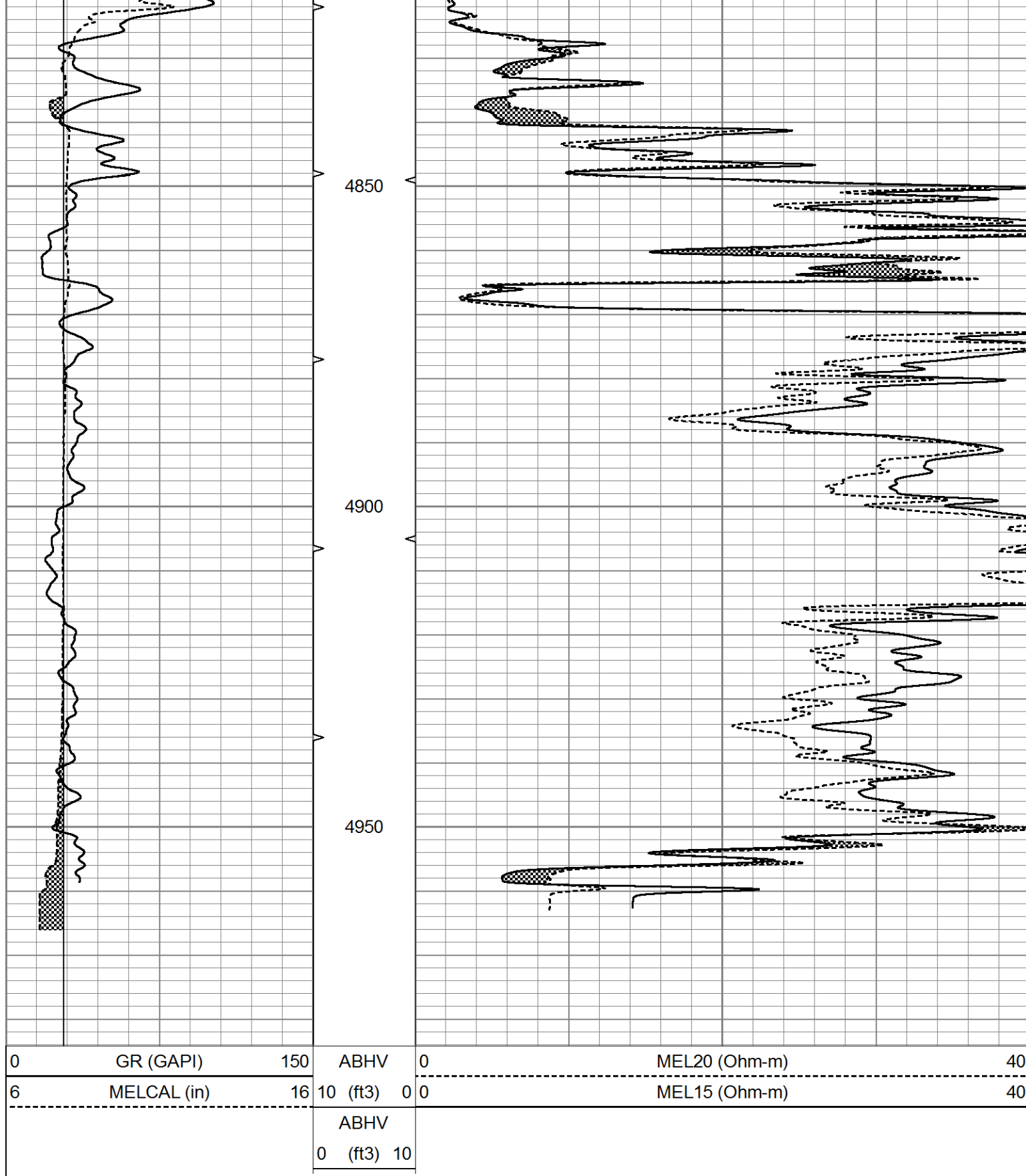


REPEAT SECTION

Database File 5657pe.db
 Dataset Pathname pass5.1R
 Presentation Format micro
 Dataset Creation Thu Sep 16 08:37:38 2021
 Charted by Depth in Feet scaled 1:240

0	GR (GAPI)	150	ABHV	0	MEL20 (Ohm-m)	40
6	MELCAL (in)	16	10 (ft3) 0 0	0	MEL15 (Ohm-m)	40
			ABHV			
			0 (ft3) 10			





Calibration Report

Database File 5657pe.db
 Dataset Pathname pass6.2
 Dataset Creation Thu Sep 16 08:22:56 2021

MICRO Calibration Report

Serial Number: 070912
 Tool Model: ProbeN

Performed:	Fri Sep 03 07:05:16 2021	
Caliper Calibration:	Gain=3.509	Offset=0.561
References	Low Cal 8.000	High Cal 16.000
Readings	2.120	4.400
1.5" Calibration:	Gain=32.000	Offset=0.500
References	Low Cal 0.000	High Cal 20.000
Readings	0.002	1.239
2" Calibration:	Gain=52.000	Offset=0.000
References	Low Cal 0.000	High Cal 20.000
Readings	0.003	1.075
Gamma Ray Calibration Report		
Serial Number:	070559	
Tool Model:	OPEN_GR	
Performed:	Wed Sep 08 16:32:59 2021	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.3600	GAPI/cps