

MICRO LOG

Company	DEUTSCH OIL COMPANY	Company	DEUTSCH OIL COMPANY
Well	DIETZ #3-8 OWWO	Well	DIETZ #3-8 OWWO
Field	GRIMES	Field	GRIMES
County	PRATT	County	PRATT
State	KANSAS	State	KANSAS
Location:	API # : 15-151-19032-0001 2208' FSL & 378' FWL	Other Services CDL/CNL DIL	
Permanent Datum	GROUND LEVEL	Elevation	1874
Log Measured From	KELLY BUSHING		
Drilling Measured From	KELLY BUSHING		
Date	12/16/21		
Run Number	TWO		
Depth Driller	4415		
Depth Logger	4416		
Bottom Logged Interval	4414		
Top Log Interval	3300		
Casing Driller	N/A		
Casing Logger	416		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES	73,000 PPM
Density / Viscosity	9.7/38		
pH / Fluid Loss	7.0/N/A		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.100@78F		
Rmf @ Meas. Temp	.075@78F		
Rmc @ Meas. Temp	.120@78F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.065@120F		
Time Circulation Stopped	4 HOURS		
Time Logger on Bottom	1:15 P.M.		
Maximum Recorded Temperature	120F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	KENT DEUTSCH		

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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.

15-151-19032-0001

Comments

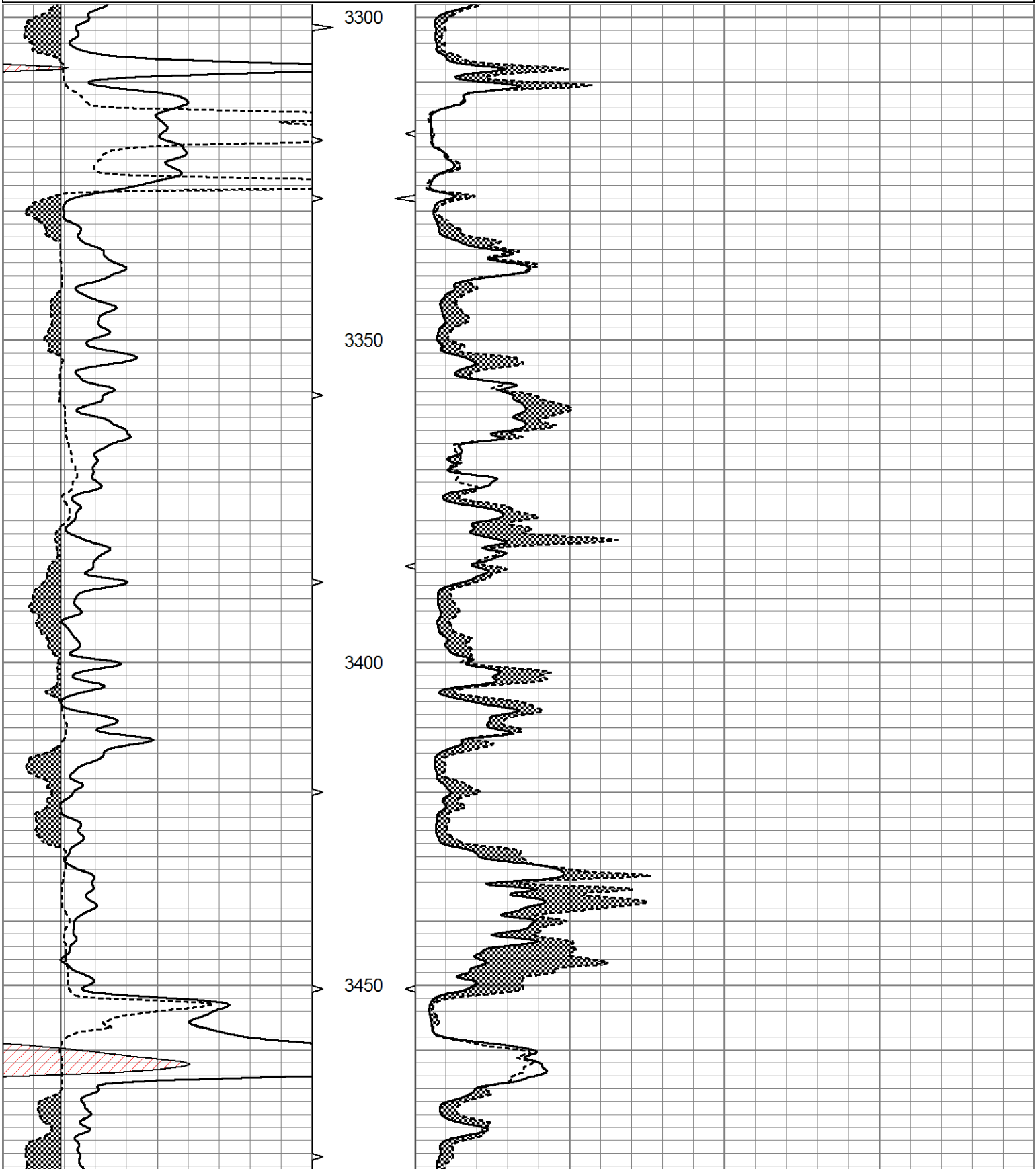
THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395
DIRECTIONS
NATRONA CHURCH, S. ACROSS HWY 61, E. INTO

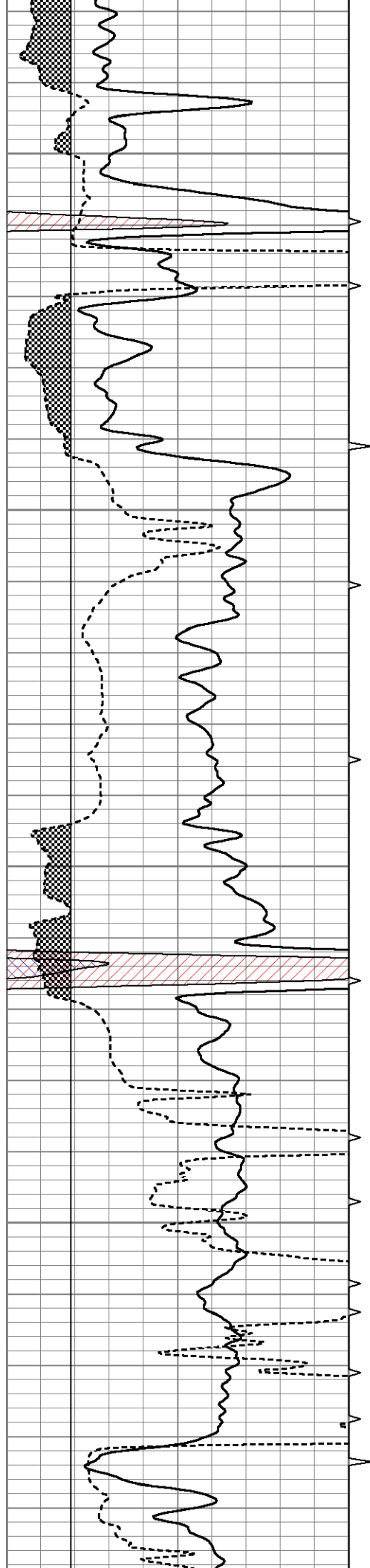


MAIN SECTION

Database File	5847ddn.db
Dataset Pathname	pass7.2
Presentation Format	micro
Dataset Creation	Wed Dec 15 13:53:24 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			



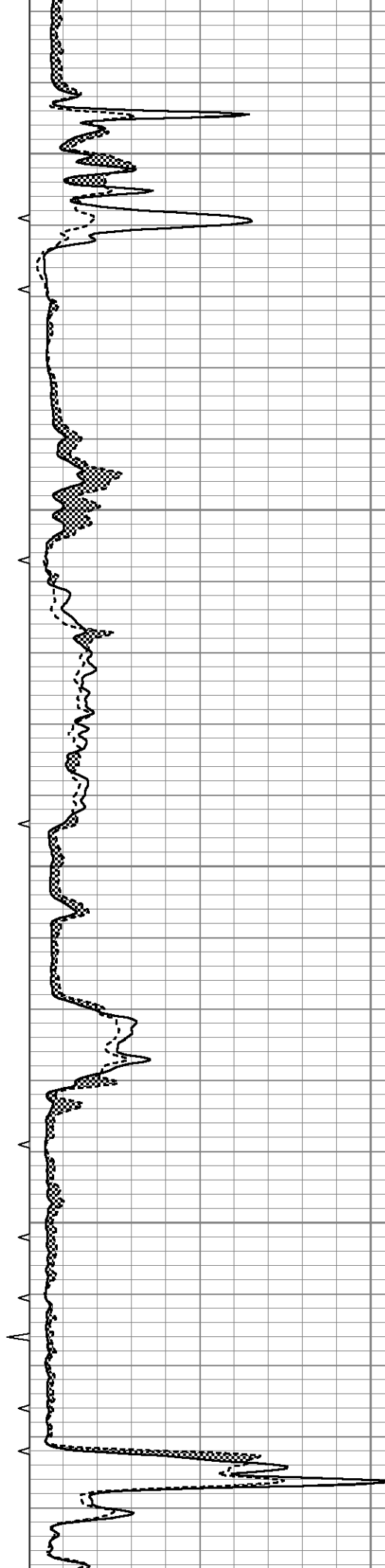


3500

3550

3600

3650



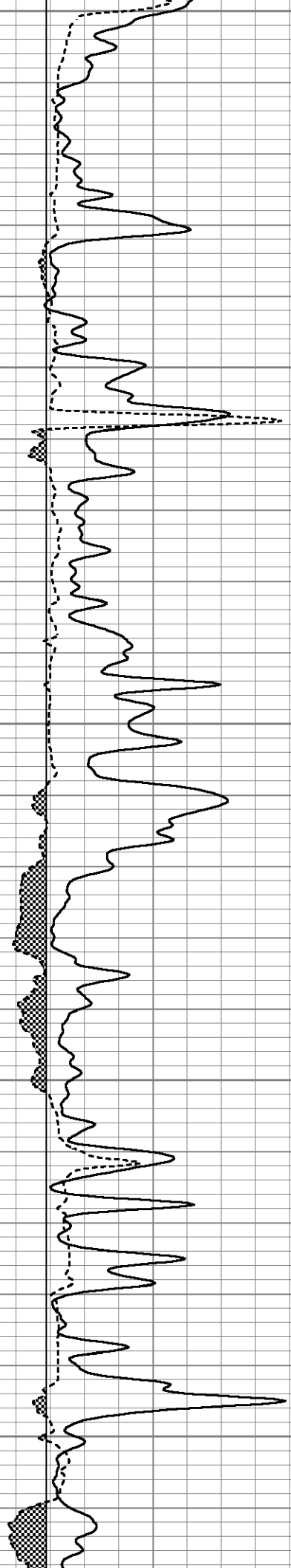
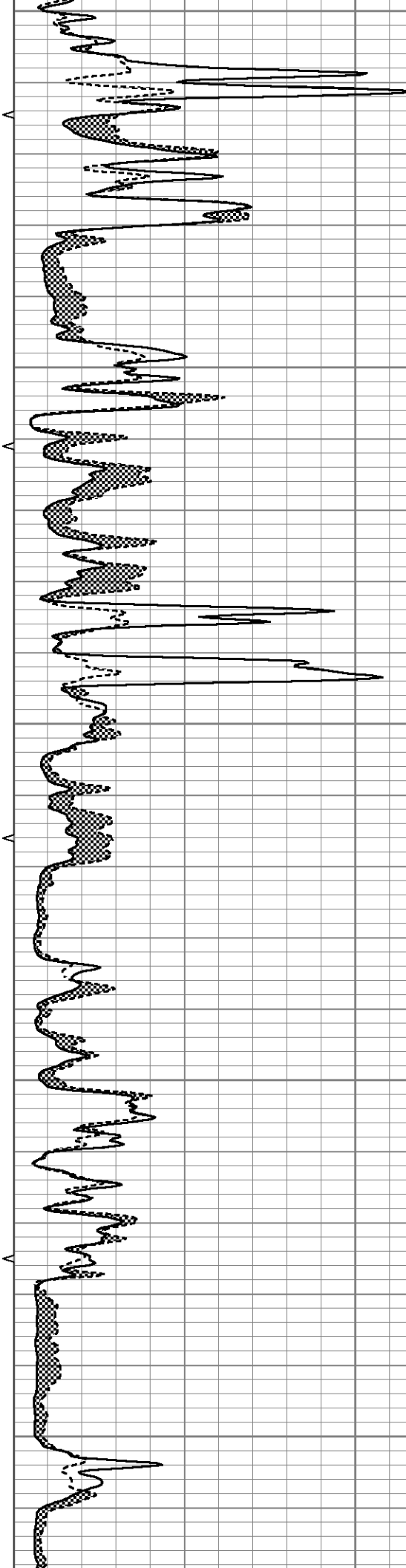
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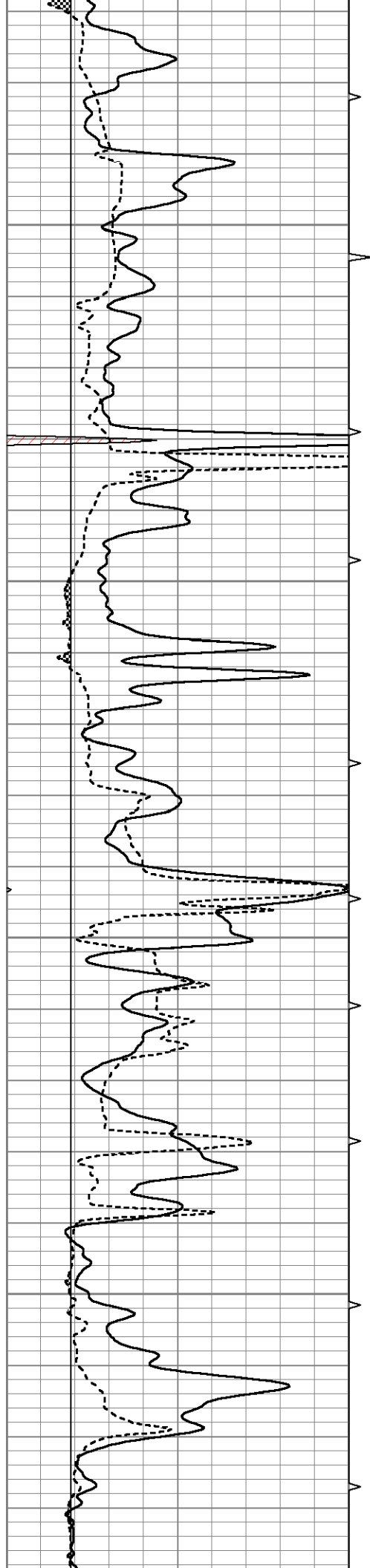
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3800

3850

3900



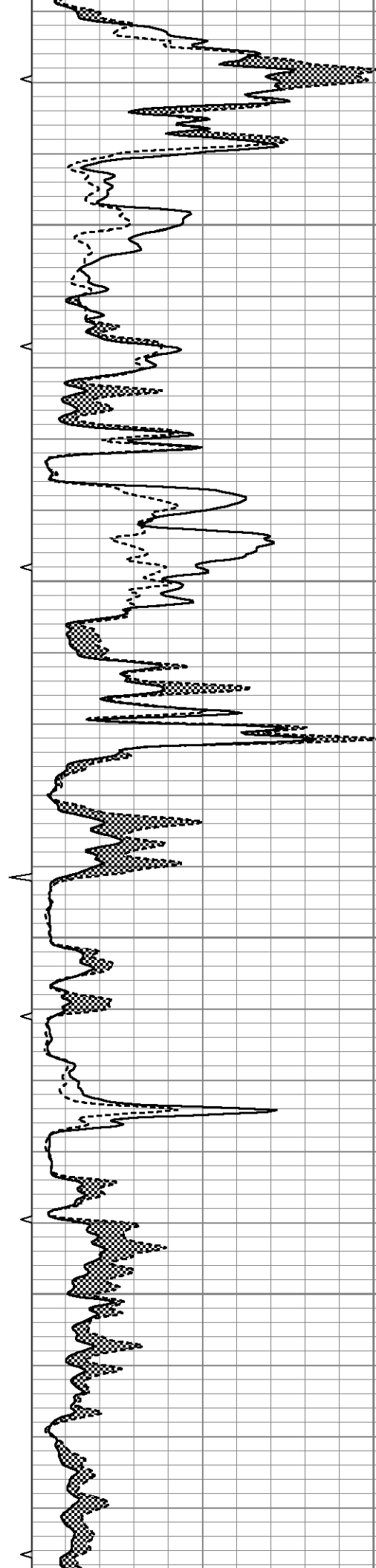


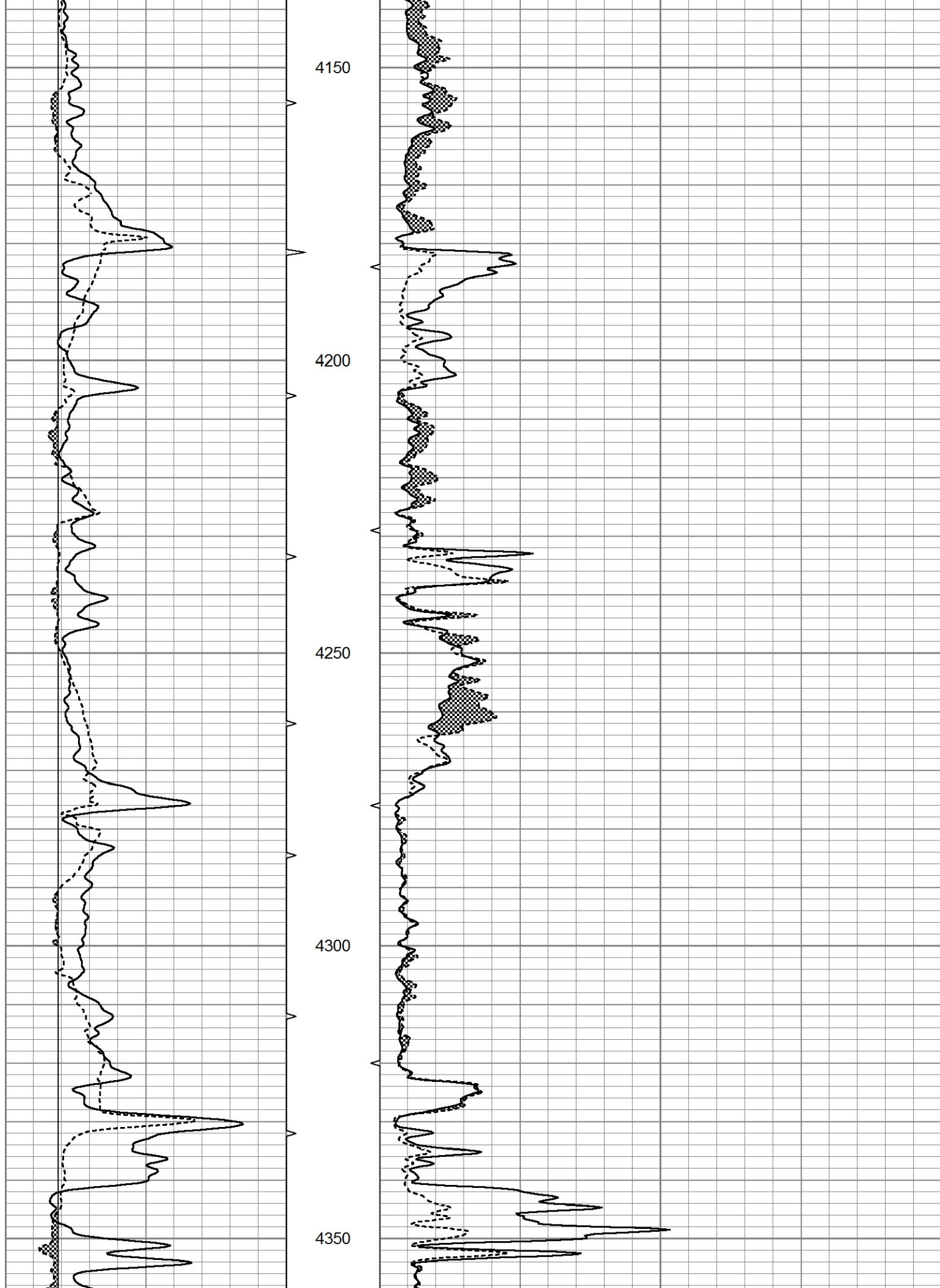
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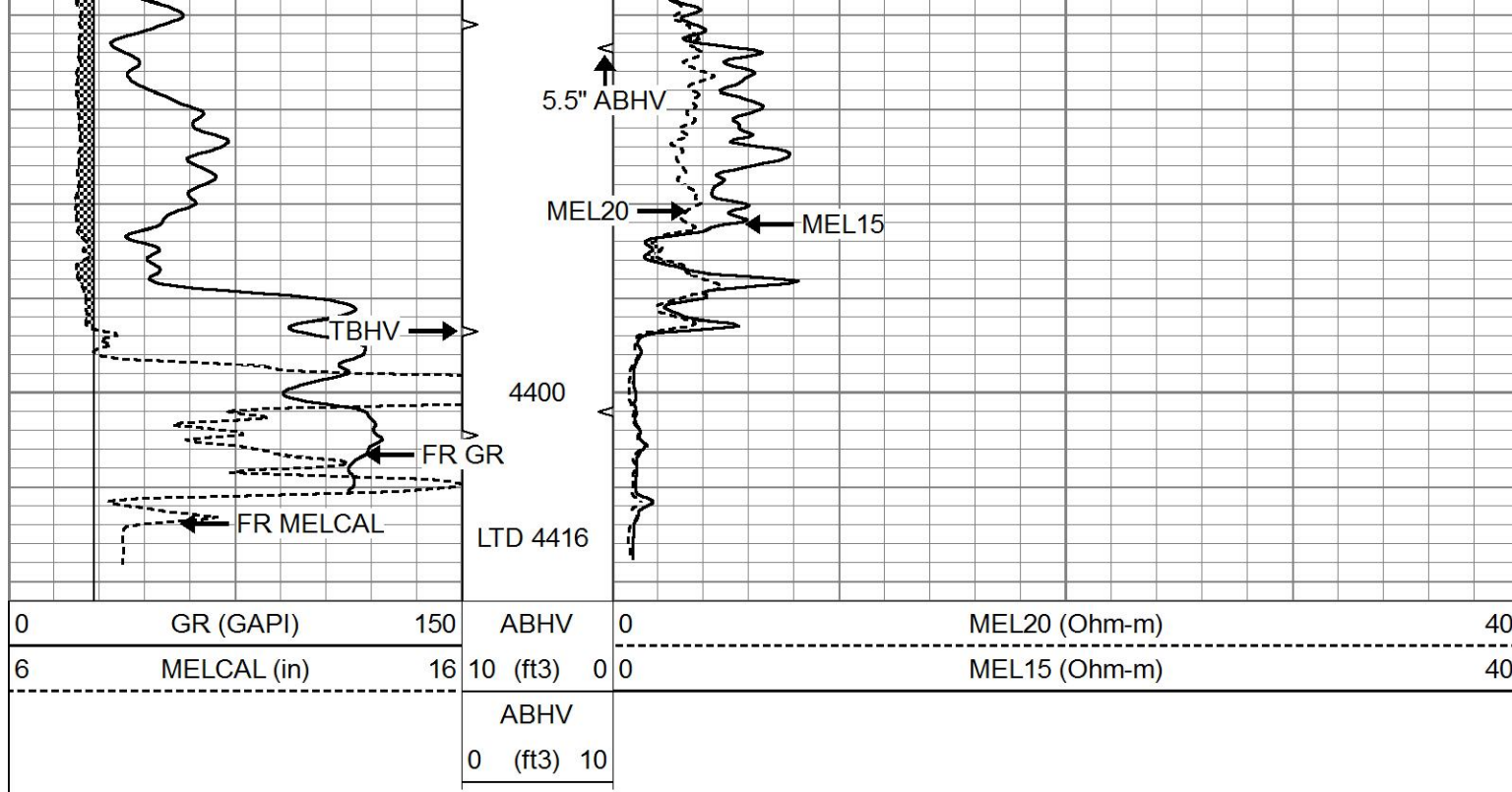
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4050

4100



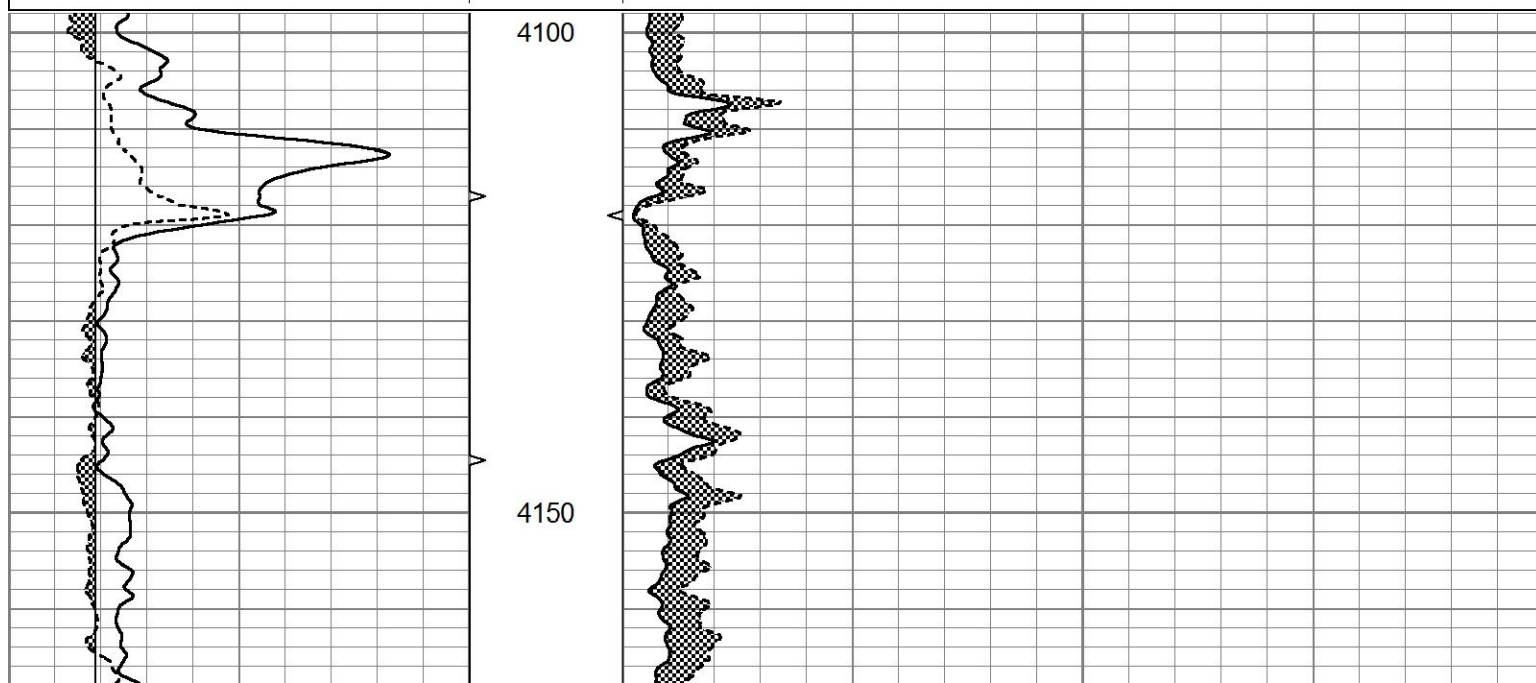


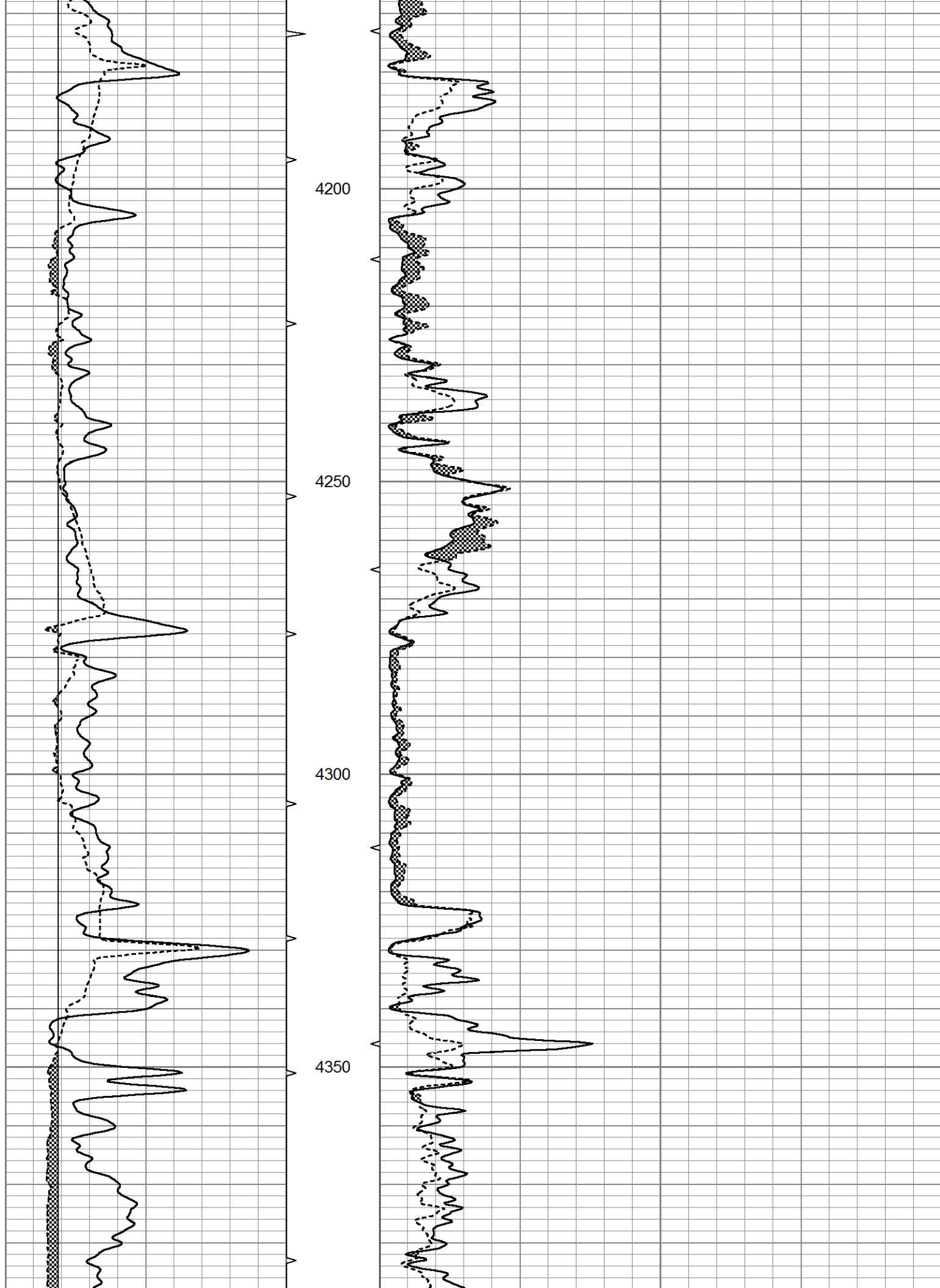


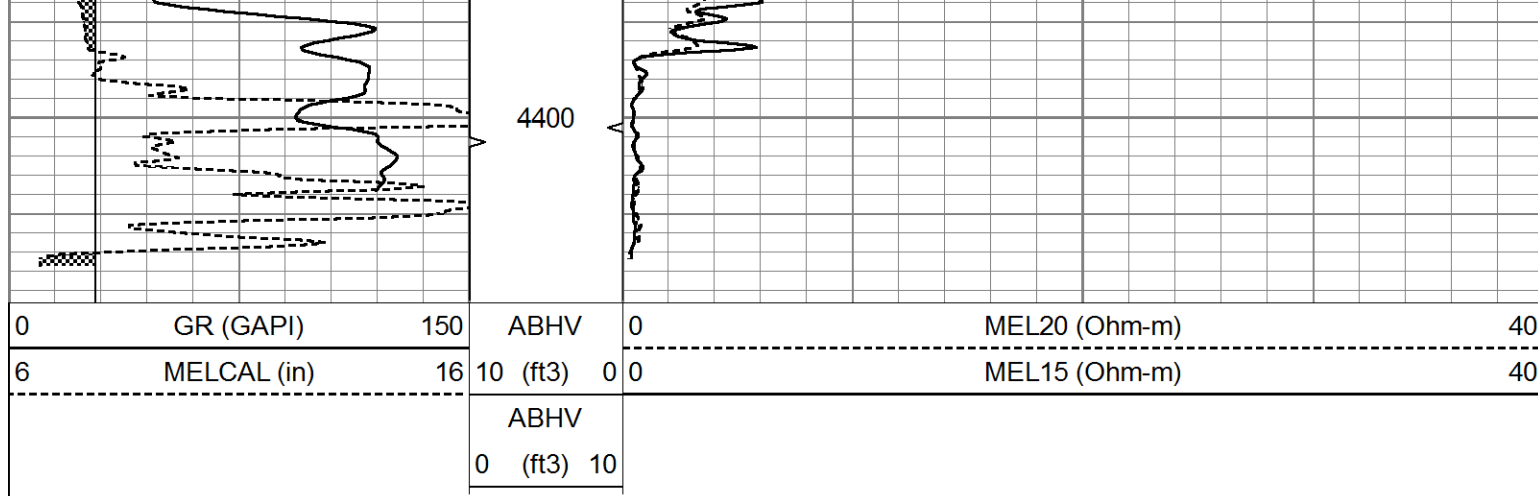
REPEAT SECTION

Database File 5847ddn.db
 Dataset Pathname pass6.3
 Presentation Format micro
 Dataset Creation Wed Dec 15 13:45:03 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	MEL15 (Ohm-m)	40
			ABHV			
			0 (ft3) 10			







Calibration Report			
Database File	5847ddn.db		
Dataset Pathname	pass7.2		
Dataset Creation	Wed Dec 15 13:53:24 2021		
MICRO Calibration Report			
Serial Number:	070910		
Tool Model:	ProbeN		
Performed:	Tue Dec 14 08:51:53 2021		
Caliper Calibration:	Gain=5.714	Offset=-1.143	
References	Low Cal	High Cal	
Readings	8.000	16.000	
	1.600	3.000	
1.5" Calibration:	Gain=18.000	Offset=0.800	
References	Low Cal	High Cal	
Readings	0.000	20.000	
	0.000	1.216	
2" Calibration:	Gain=50.000	Offset=0.200	
References	Low Cal	High Cal	
Readings	0.000	20.000	
	0.002	1.053	
Gamma Ray Calibration Report			
Serial Number:	070559		
Tool Model:	OPEN_GR		
Performed:	Sun Oct 24 12:56:47 2021		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	1.0	cps	
Sensitivity:	0.2800	GAPI/cps	