



**MICRO  
LOG**

Company	DOUBLE D'S, LLC.	Well	JOE WALDSCHMIDT #1	Field	PLEASANT	County	ELLIS	State	KANSAS
Location:	API # : 15-051-26961-0000		Other Services CDL/CNL DIL						
Permanent Datum	GROUND LEVEL	Elevation	2175						
Log Measured From	KELLY BUSHING	8' A.G.L.							
Drilling Measured From	KELLY BUSHING								
Date	9/5/19								
Run Number	TWO								
Depth Driller	3910								
Depth Logger	3908								
Bottom Logged Interval	3906								
Top Log Interval	3000								
Casing Driller	8 5/8"@220'								
Casing Logger	220								
Bit Size	7 7/8"								
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES	3,000 PPM						
Density / Viscosity	9.1/56								
pH / Fluid Loss	10.0/7.6								
Source of Sample	FLOWLINE								
Rim @ Meas. Temp	.640@84F								
Rmf @ Meas. Temp	.480@84F								
Rmc @ Meas. Temp	.768@84F								
Source of Rmf / Rmc	MEASUREMENT								
Rim @ BHT	.467@115F								
Time Circulation Stopped	3.5 HOURS								
Time Logger on Bottom	7:15 P.M.								
Maximum Recorded Temperature	115F								
Equipment Number	922339								
Location	HAYS, KANSAS								
Recorded By	JEFF LUEBBERS								
Witnessed By	MARC DOWNING								

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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**

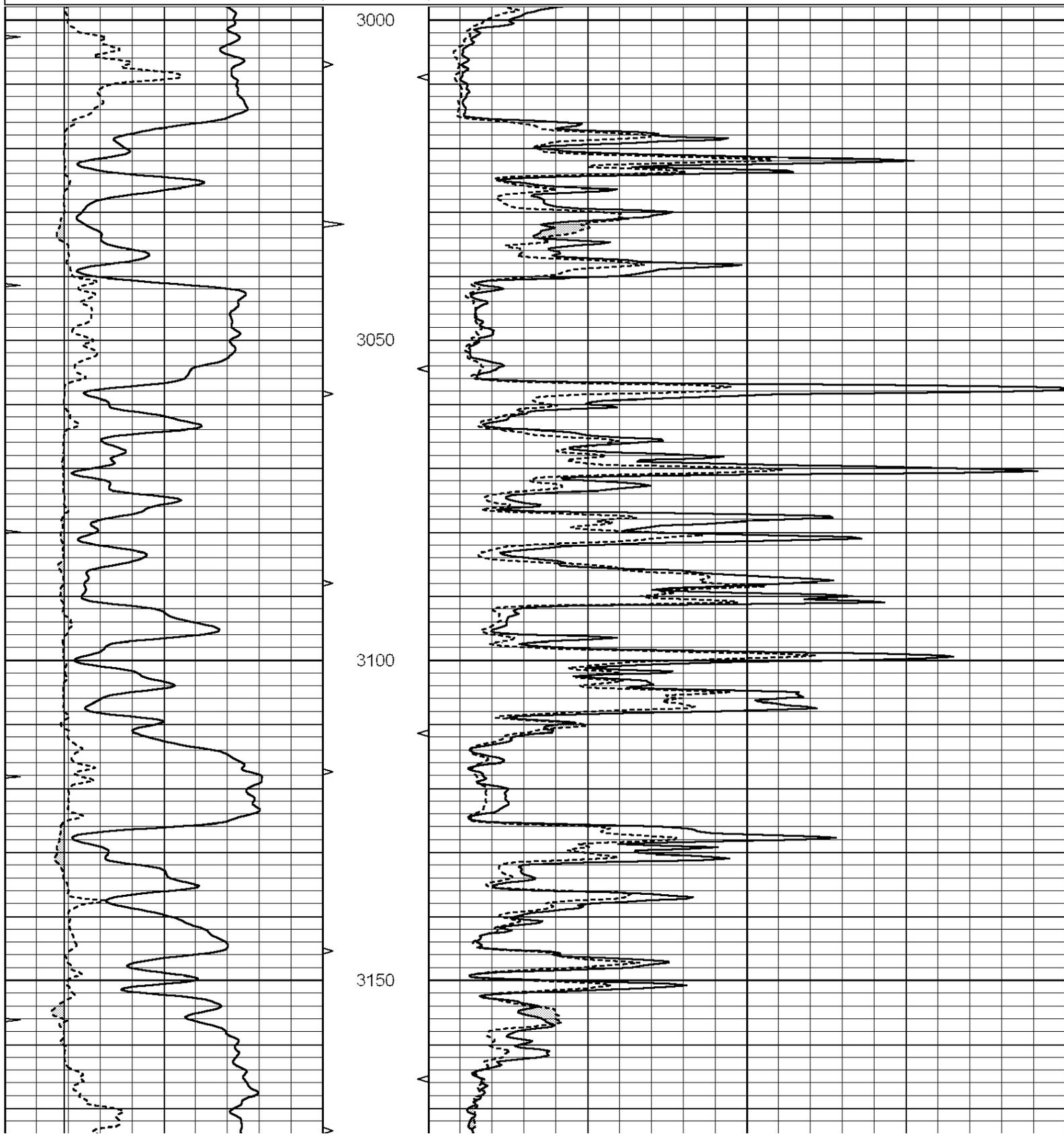
THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395  
 DIRECTIONS  
 ELLIS, KS., E. ON OLD 40 TO "RD. 140" (PROPANE TANKS) 3S. TO "AIR BASE RD.", 1/4E., S. INTO  
 CATTLE GUARD

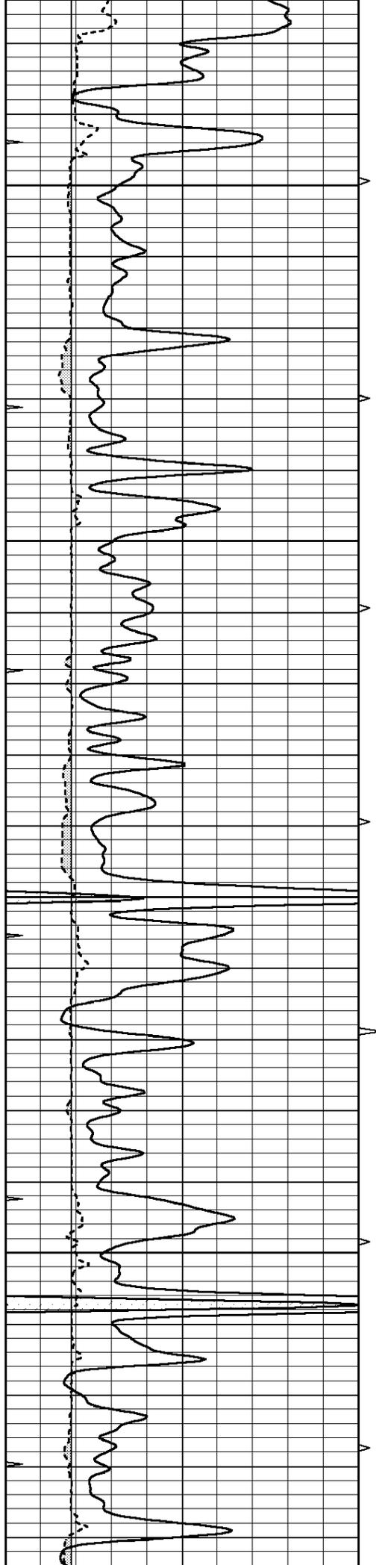


**MAIN SECTION**

Database File: 3960ddn.db  
 Dataset Pathname: pass8.8  
 Presentation Format: micro  
 Dataset Creation: Thu Sep 05 20:21:16 2019 by Calc SOC 120430  
 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	MEL 20 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		



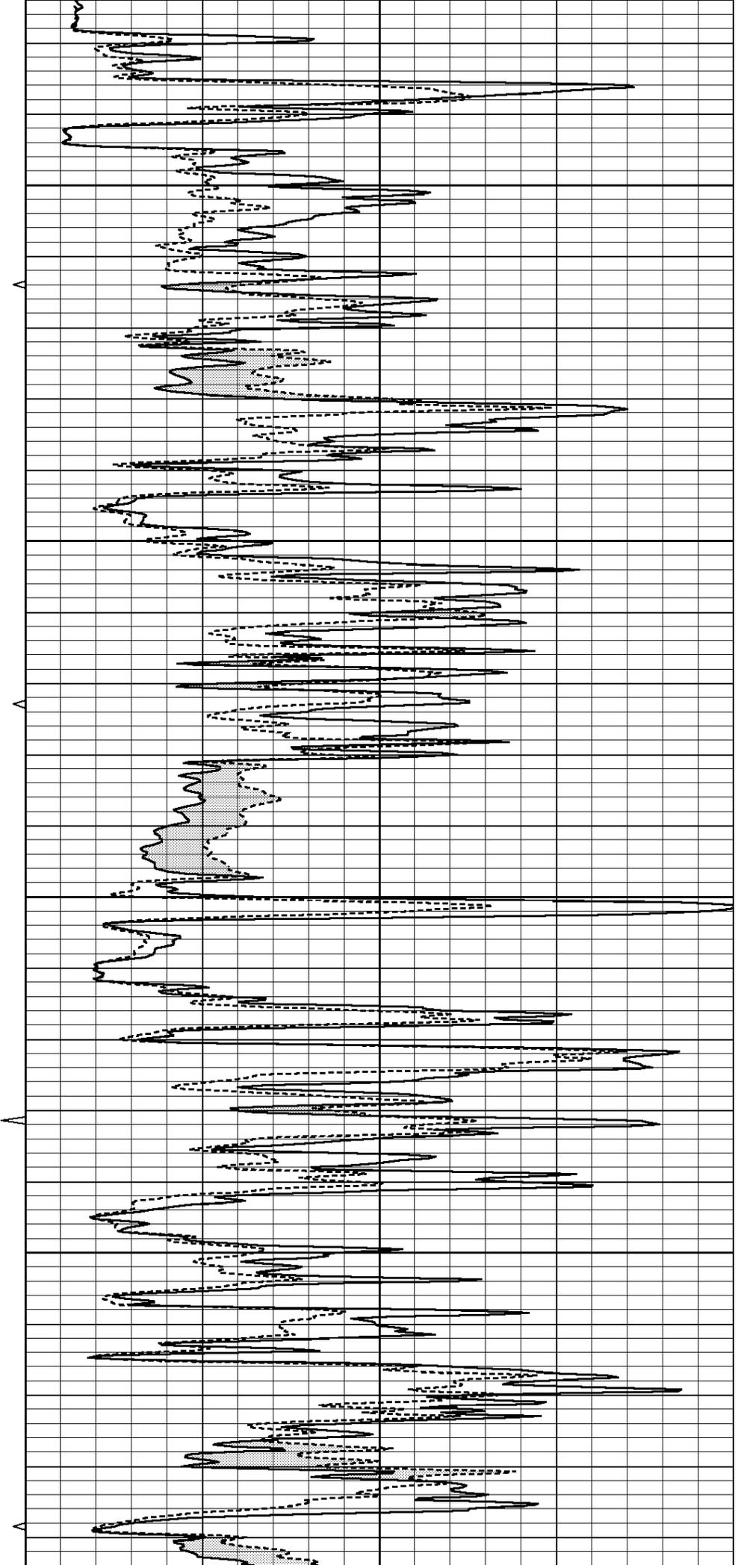


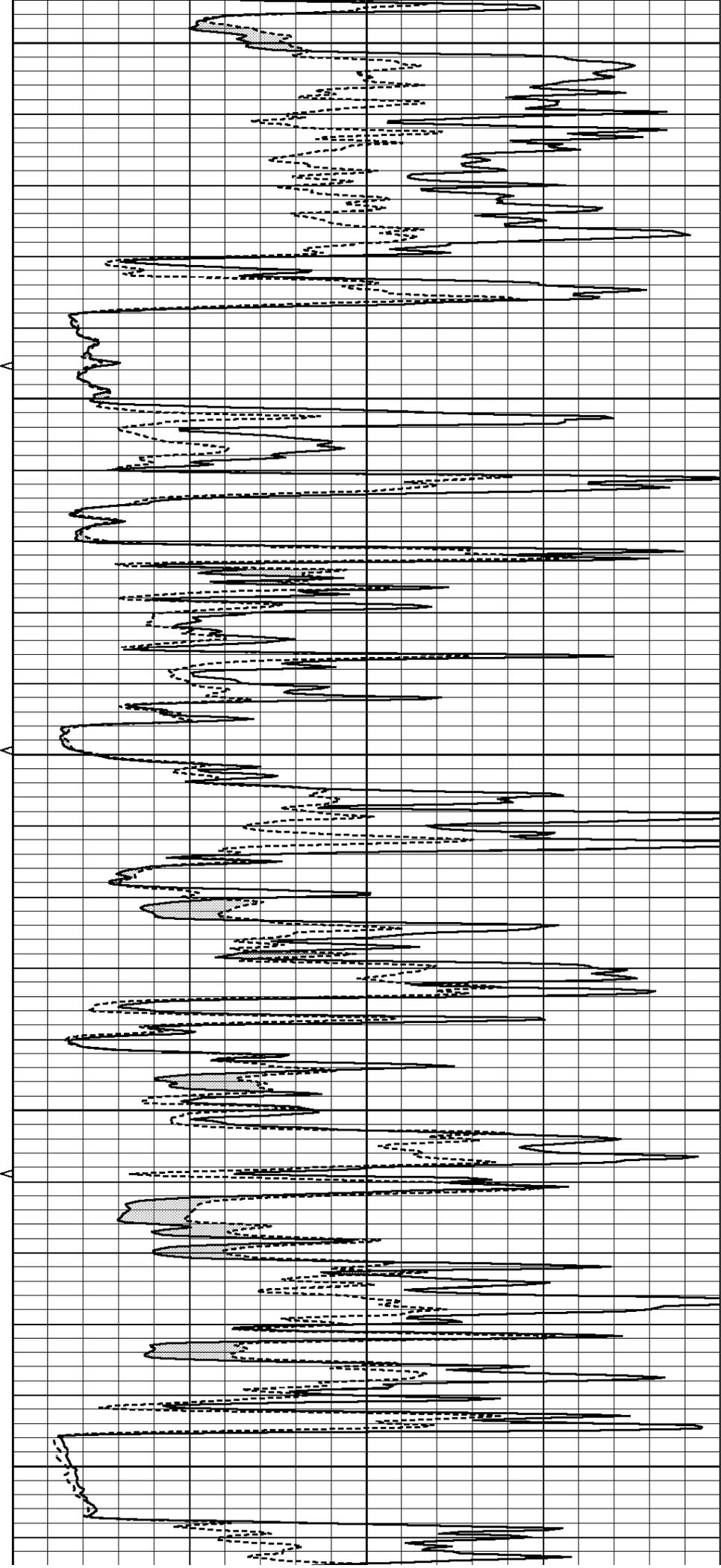
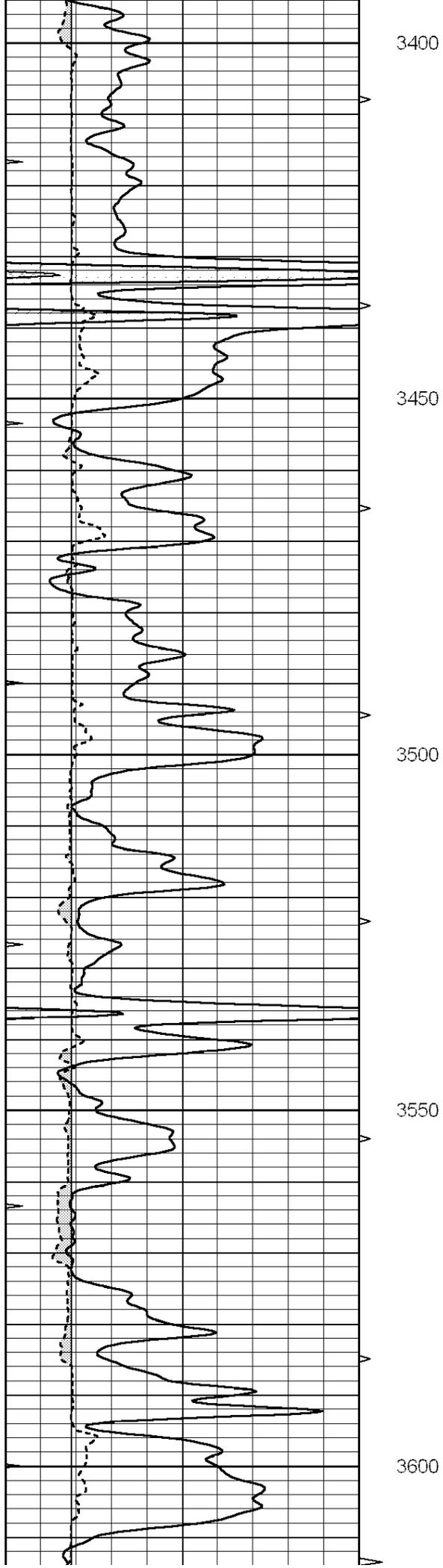
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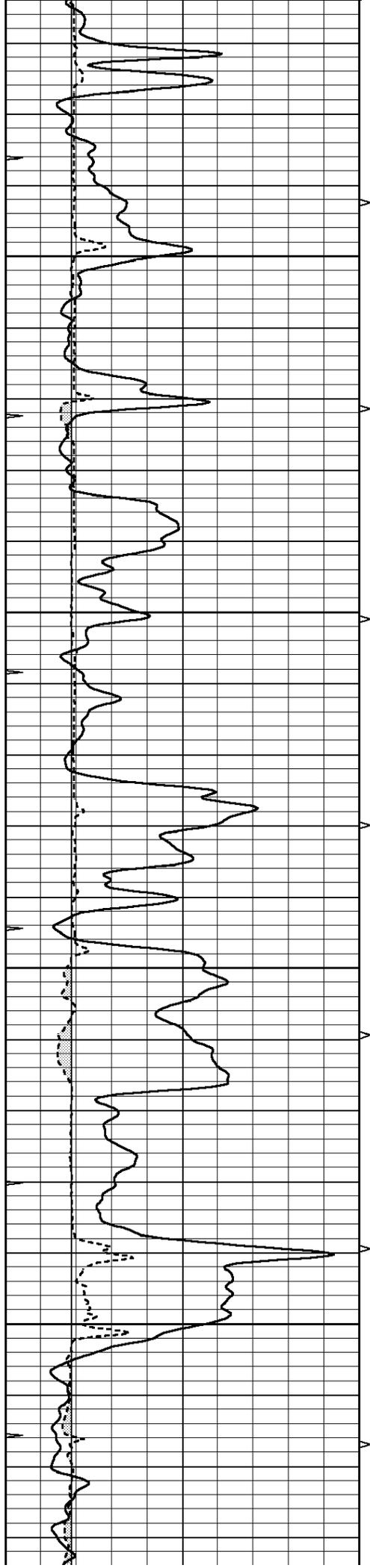
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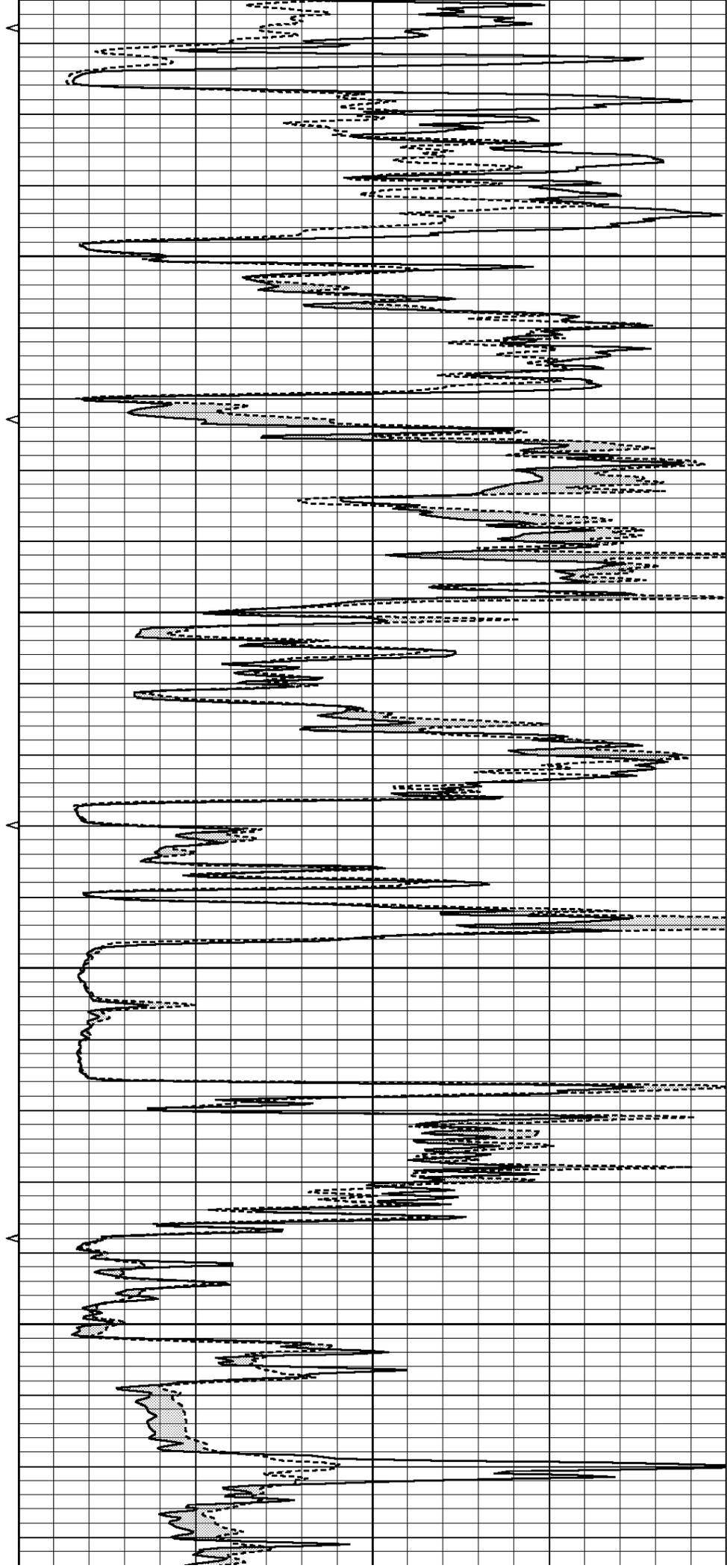


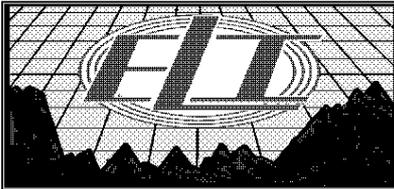
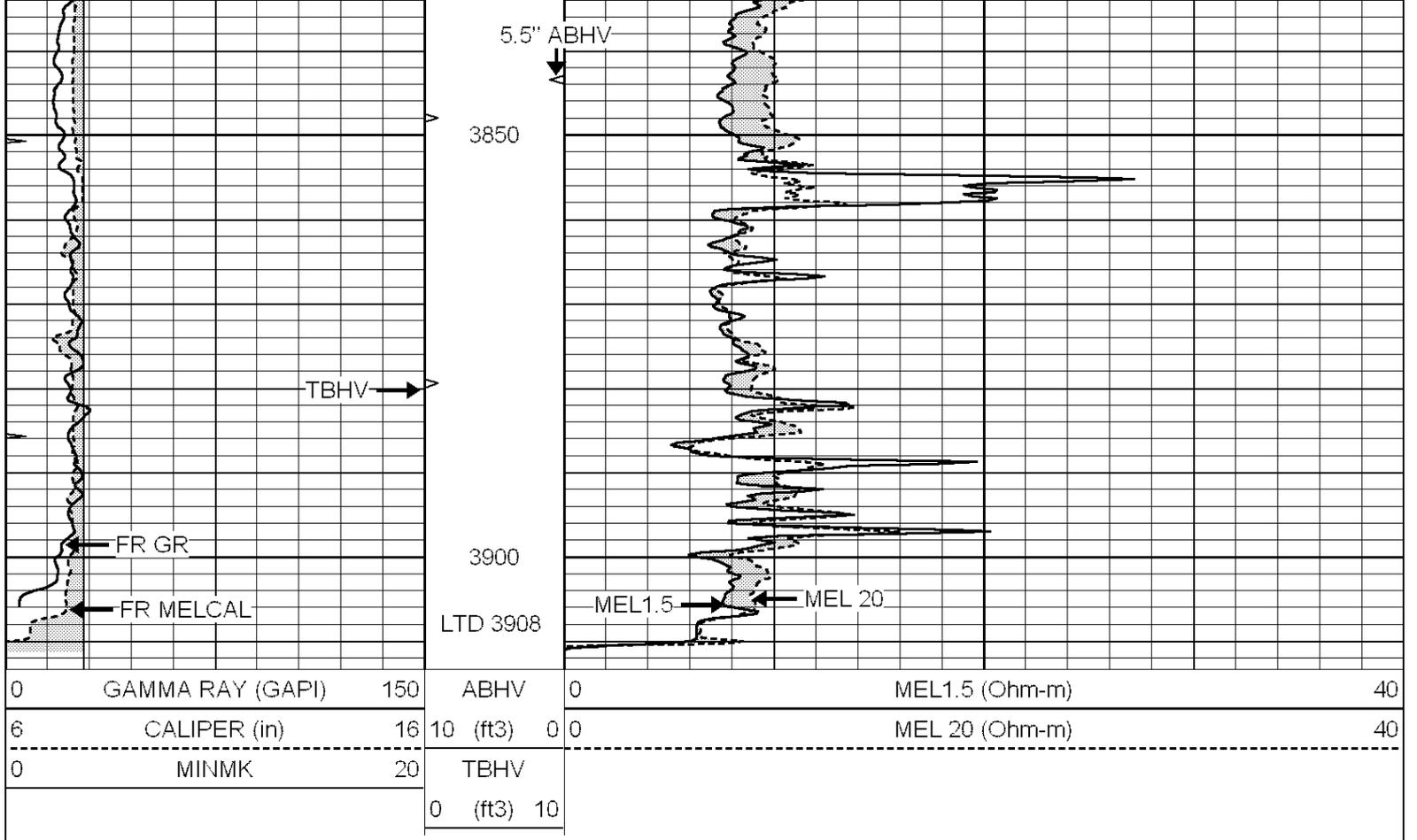
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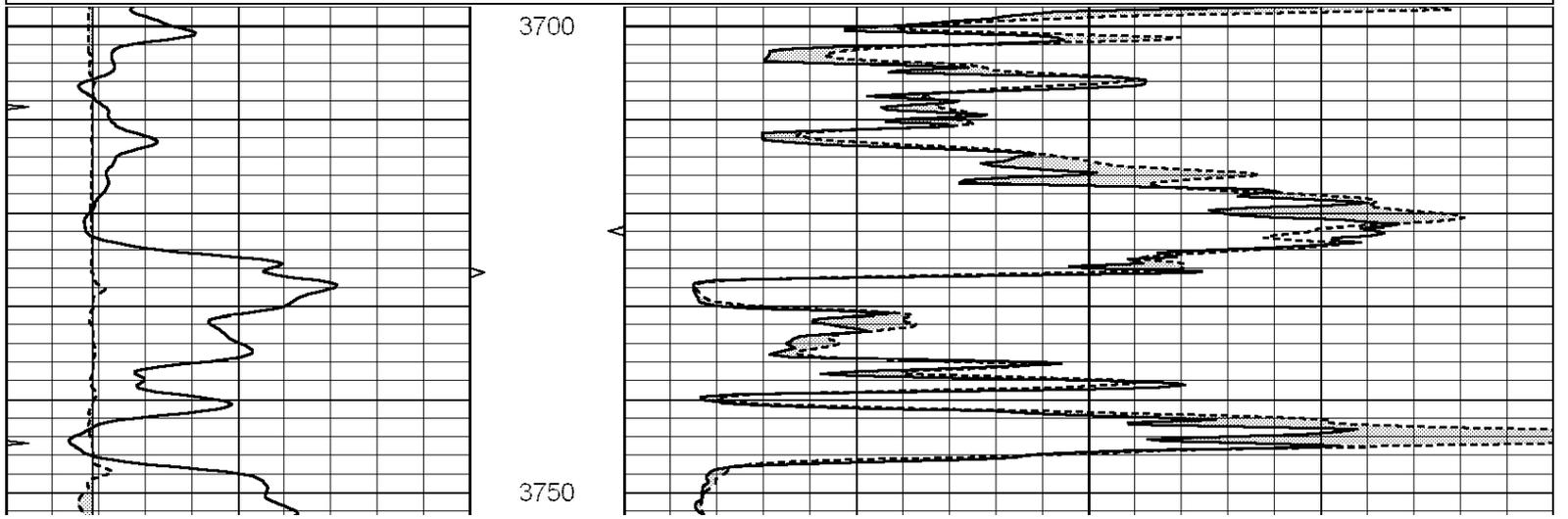


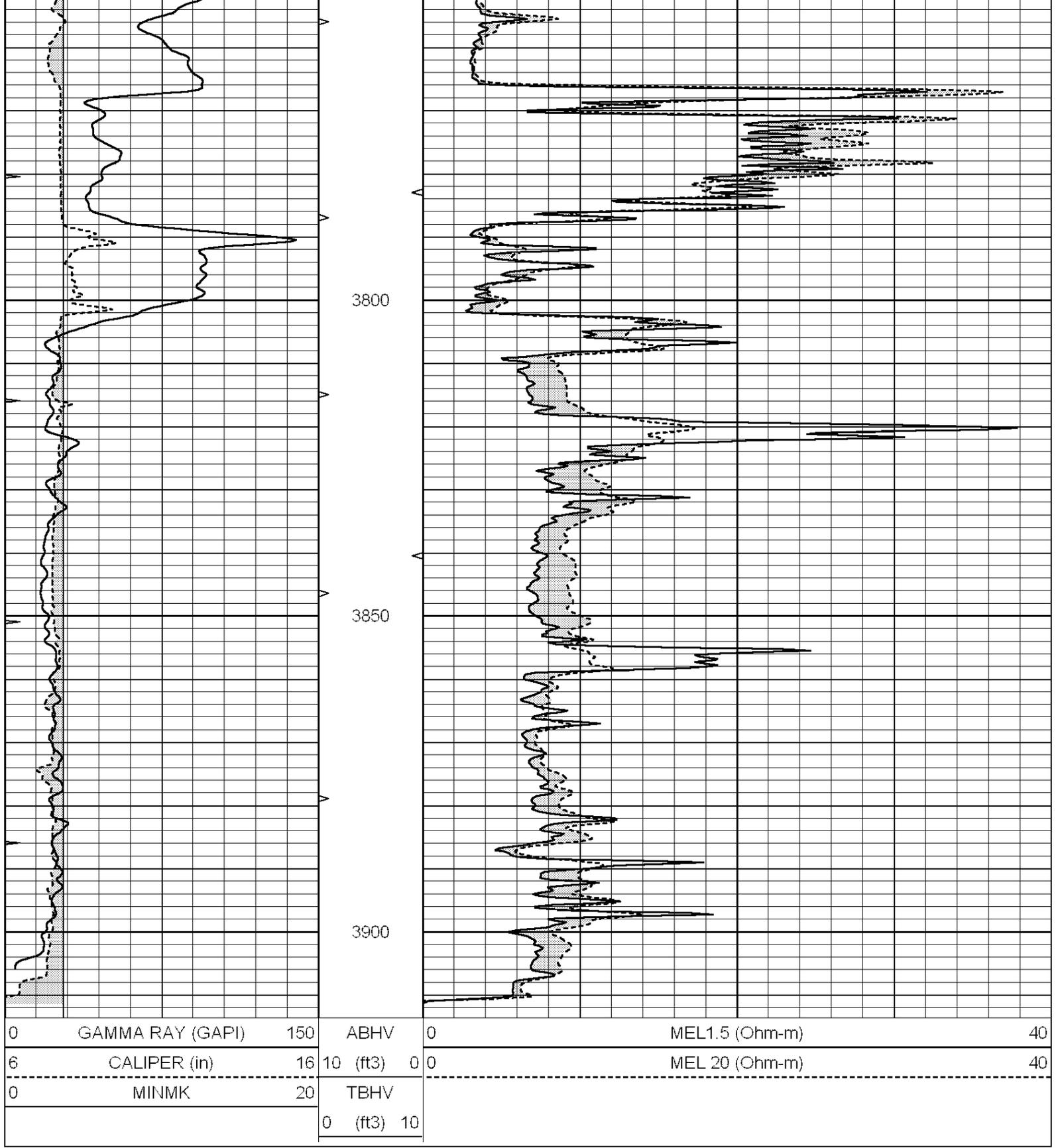


# REPEAT SECTION

Database File: 3960ddn.db  
 Dataset Pathname: pass7.8  
 Presentation Format: micro  
 Dataset Creation: Thu Sep 05 20:18:10 2019 by Calc SOC 120430  
 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	MEL 20 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		





Calibration Report

Database File: 3960ddn.db  
 Dataset Pathname: pass8.8  
 Dataset Creation: Thu Sep 05 20:21:16 2019 by Calc SOC 120430

MICRO Calibration Report

Serial Number: 070911  
 Tool Model: ProbeN  
 Performed: Thu Sep 05 20:00:04 2019

Caliper Calibration:	Gain=5.933	Offset=1.167
References	Low Cal 7.100	High Cal 16.000
Readings	1.000	2.500
1.5" Calibration:	Gain=22.000	Offset=0.000
References	Low Cal 0.000	High Cal 20.000
Readings	0.001	1.240
2" Calibration:	Gain=45.000	Offset=-4.000
References	Low Cal 0.000	High Cal 20.000
Readings	0.001	1.076

Gamma Ray Calibration Report

Serial Number:	070559	
Tool Model:	OPEN_GR	
Performed:	Sun Jul 28 03:01:32 2019	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.2400	GAPI/cps