

MICRO LOG

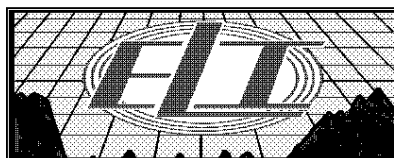
Company		PHILLIPS EXPLORATION COMPANY, L.	
Well		GEYER #1-3 YEP	
Field			
County		TREGO	
State		KANSAS	
Company		RICHEL EXPLORATION, INC.	
Well		GEYER #1-3 YEP	
Field			
County		TREGO	
State		KANSAS	
Location:		API # : 15-195-23078-0000 660' FNL & 1980' FVL	
Permanent Datum		GROUND LEVEL	
Log Measured From		KELLY BUSHING 5' A.G.L.	
Drilling Measured From		KELLY BUSHING	
SEC 3		TWP 11S	
RGE		24W	
Elevation		2358	
K.B. 2363		D.F. 2361	
G.L. 2358			
Date		1/13/19	
Run Number		TWO	
Depth Driller		4025	
Depth Logger		4026	
Bottom Logged Interval		4024	
Top Log Interval		3200	
Casing Driller		8 5/8"@214	
Casing Logger		214	
Bit Size		7 7/8"	
Type Fluid in Hole		CHEMICAL MUD	
Density / Viscosity		9.1/53	
pH / Fluid Loss		10.5/6.4	
Source of Sample		FLOWLINE	
Rim @ Meas. Temp		.90 @ 75F	
Rmf @ Meas. Temp		.67 @ 75F	
Rmc @ Meas. Temp		1.08 @ 75F	
Source of Rmf / Rmc		MEASUREMENT	
Rim @ BHT		.58 @ 116F	
Time Circulation Stopped		2 HOURS	
Time Logger on Bottom			
Maximum Recorded Temperature		116F	
Equipment Number		922339	
Location		HAYS, KANSAS	
Recorded By		JASON CAPPELLUCCI	
Witnessed By		PAT 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

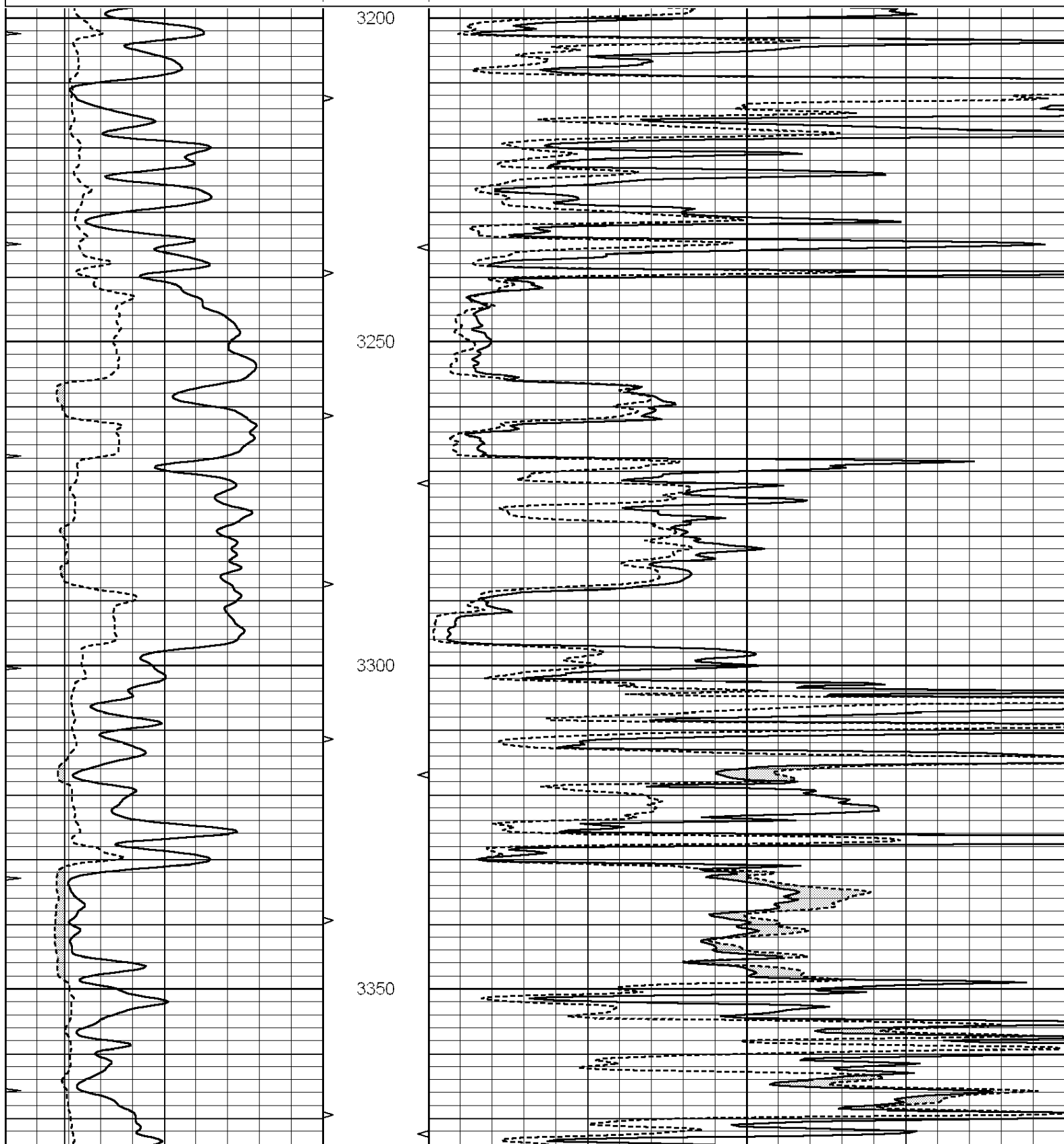
THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395
DIRECTIONS
WAKEENEY, KS. - NORTH JUST PAST SALINE RIVER TO RD. B - WEST TO RD. 200
1 NORTH - 1/2 EAST - SOUTH INTO

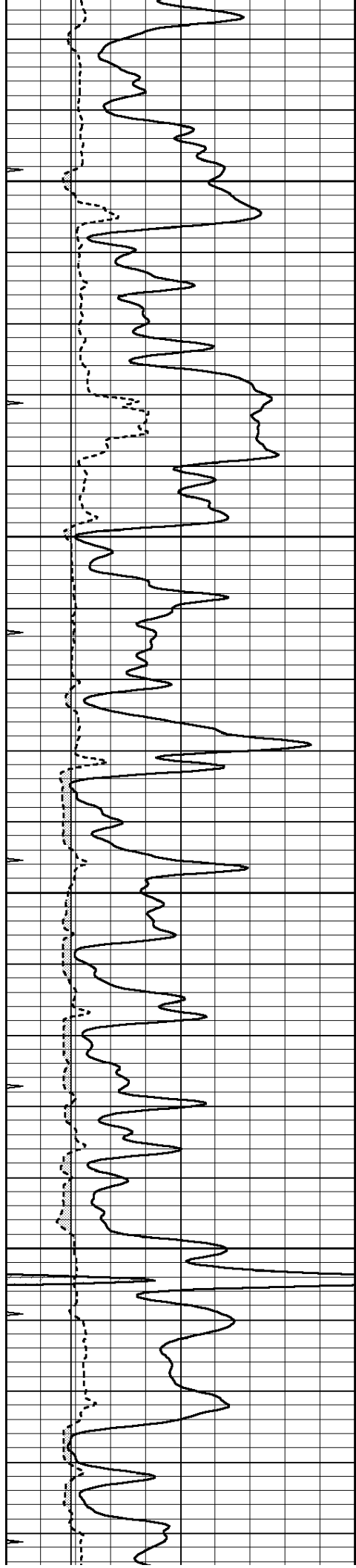


MAIN SECTION

Database File: 3332ddn.db
 Dataset Pathname: pass6.1
 Presentation Format: micro
 Dataset Creation: Sun Jan 13 14:23:09 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 0	MEL 20 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		



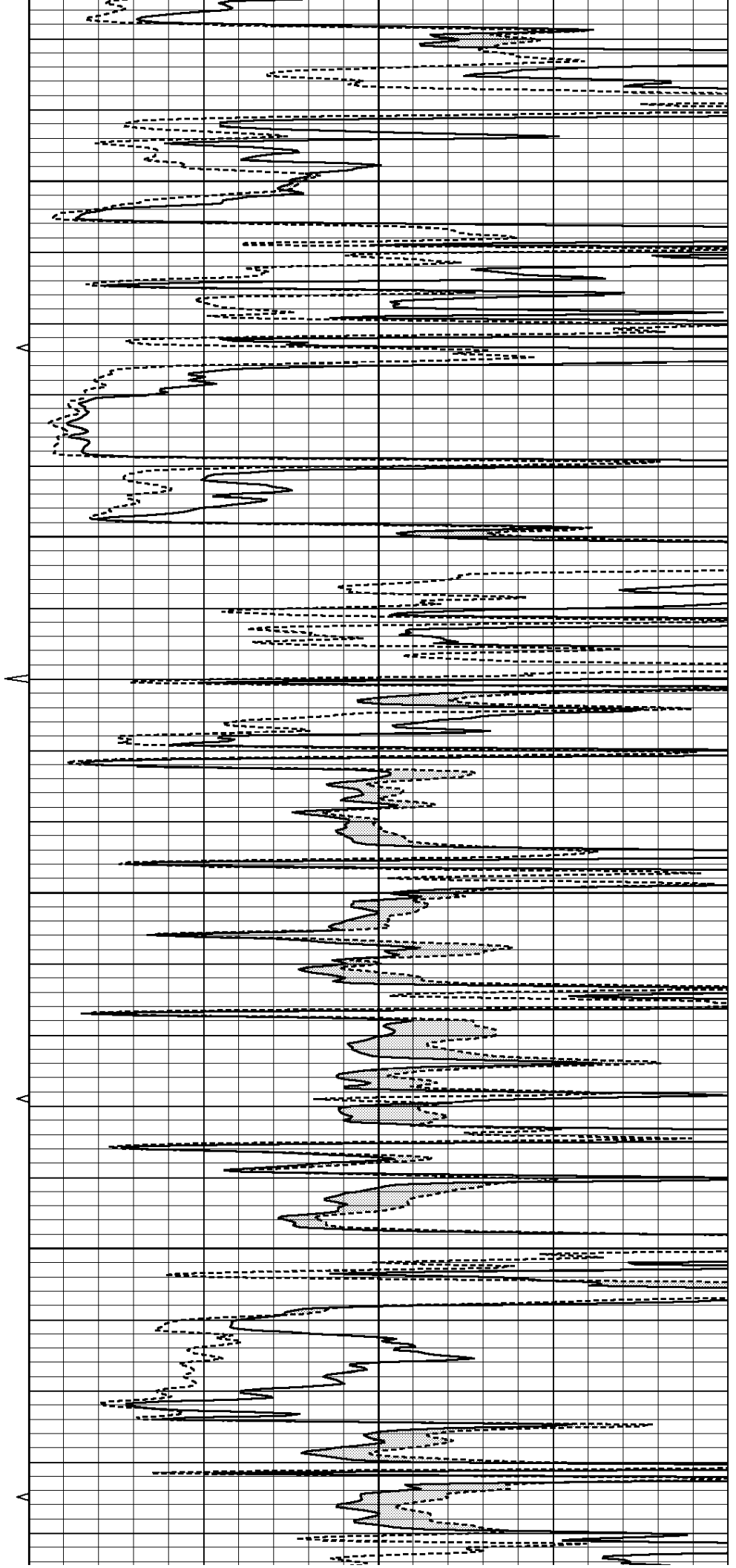


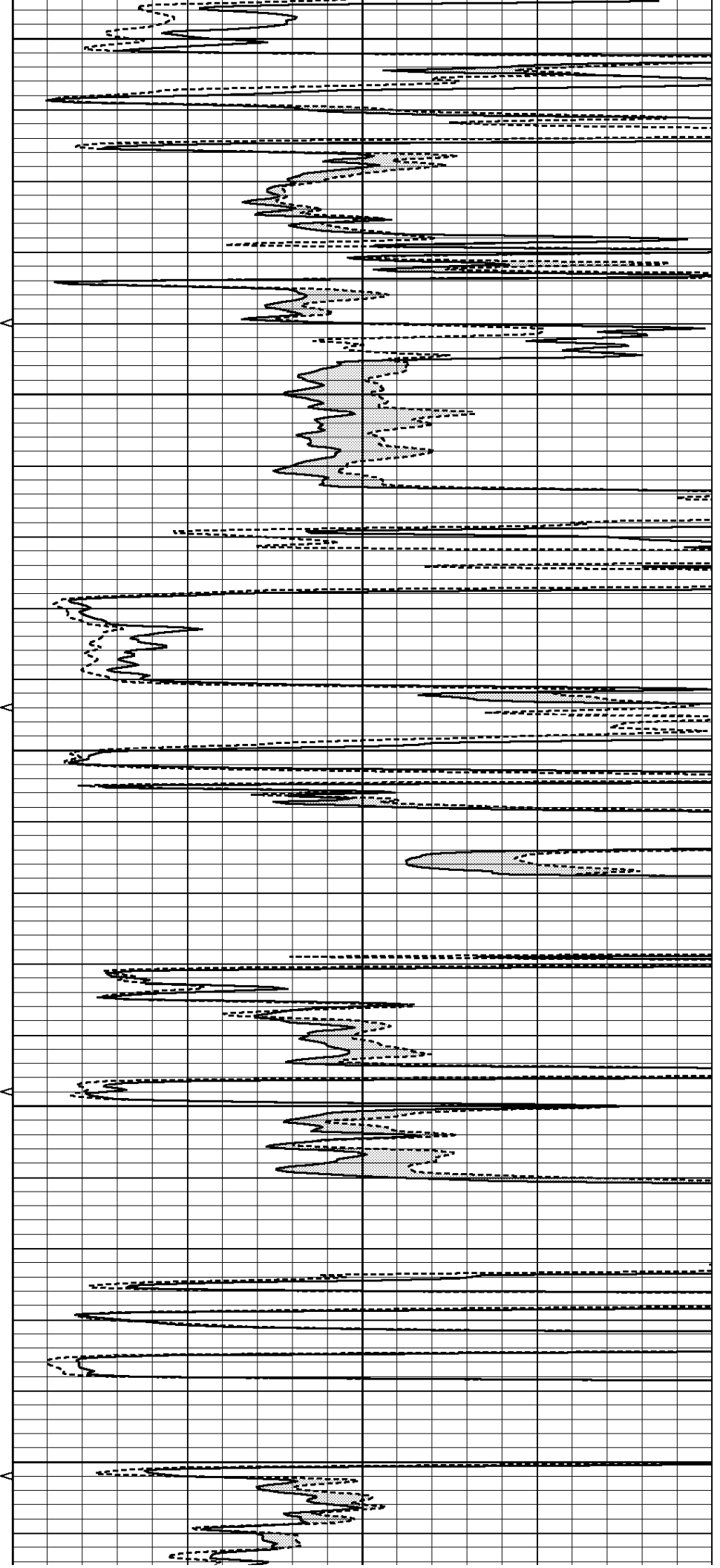
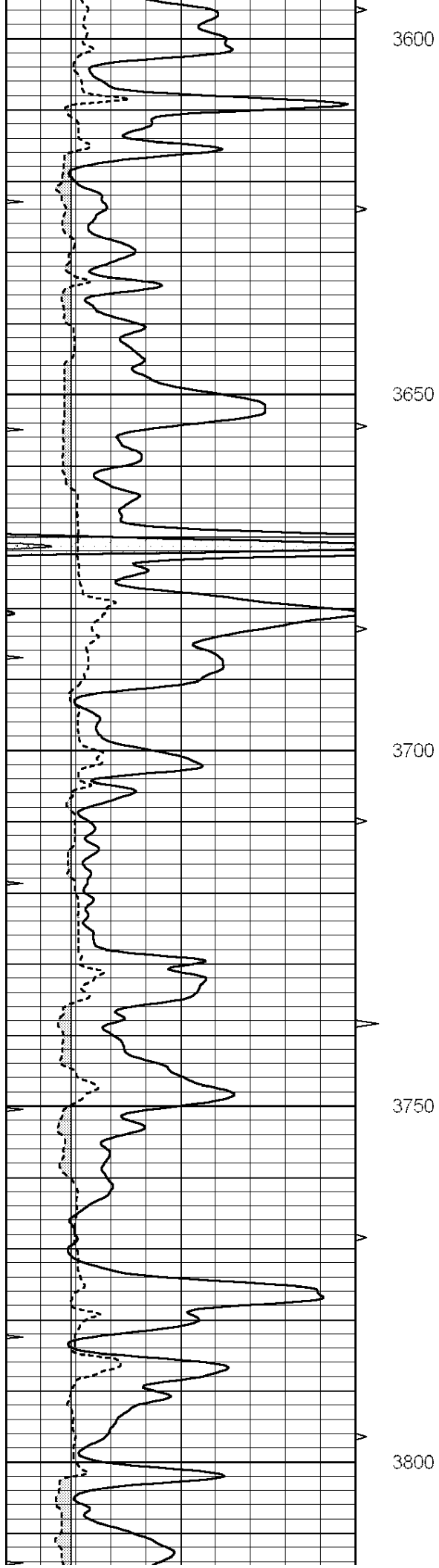
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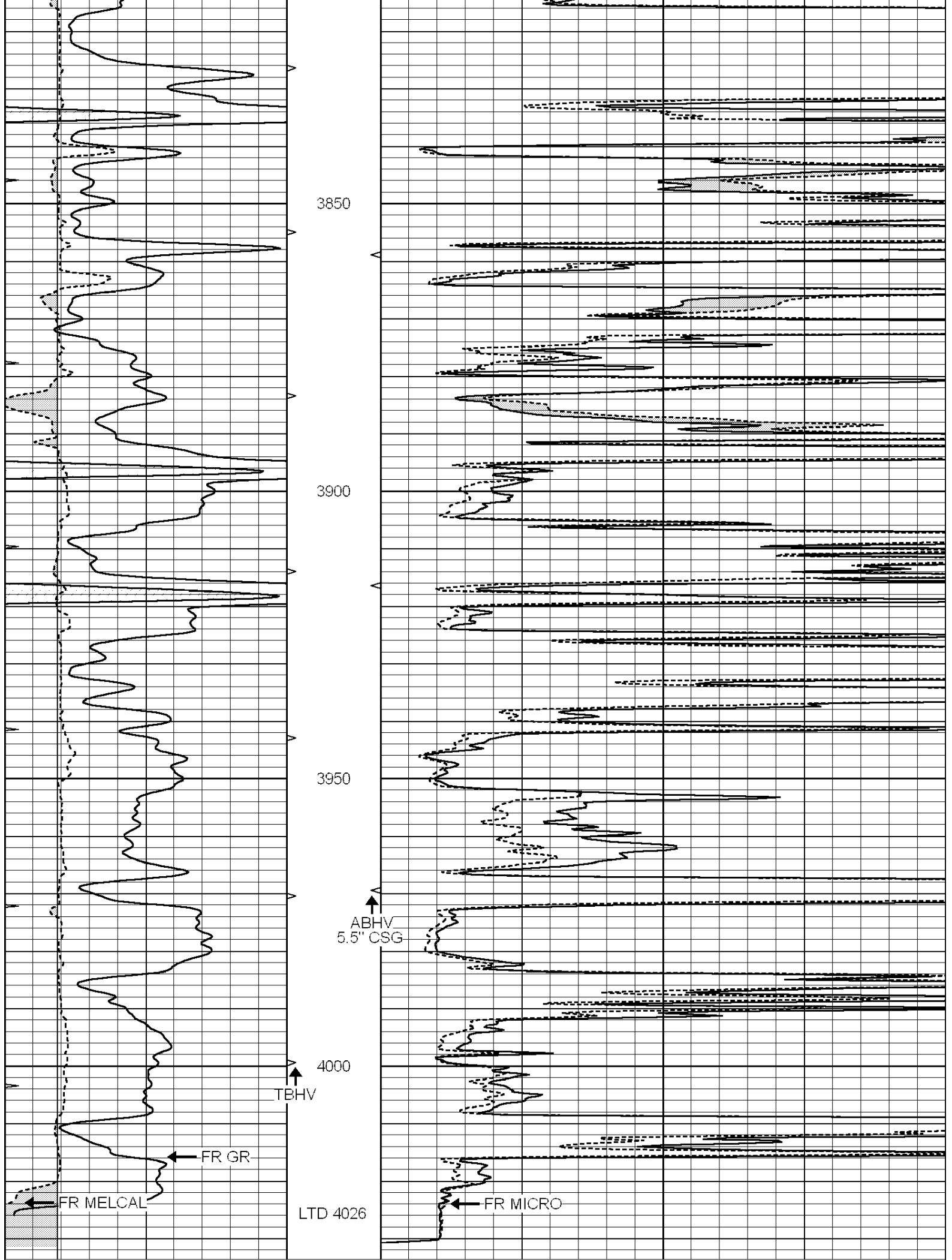
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3500

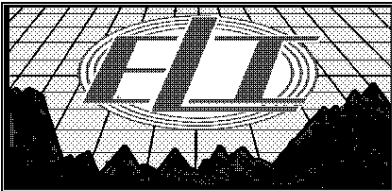
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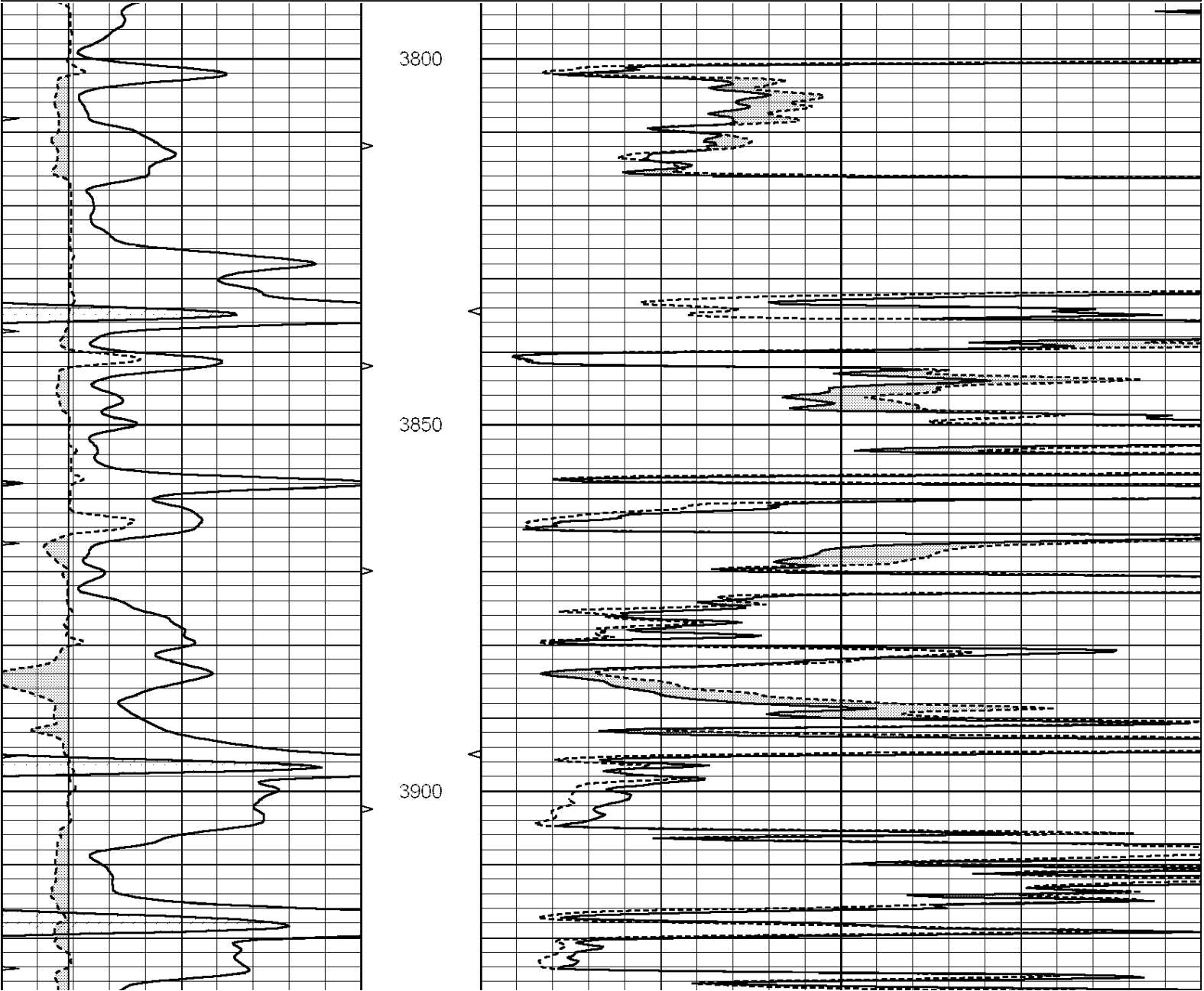
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0	MINMK	20	TBHV			
			0 (ft3)	10		

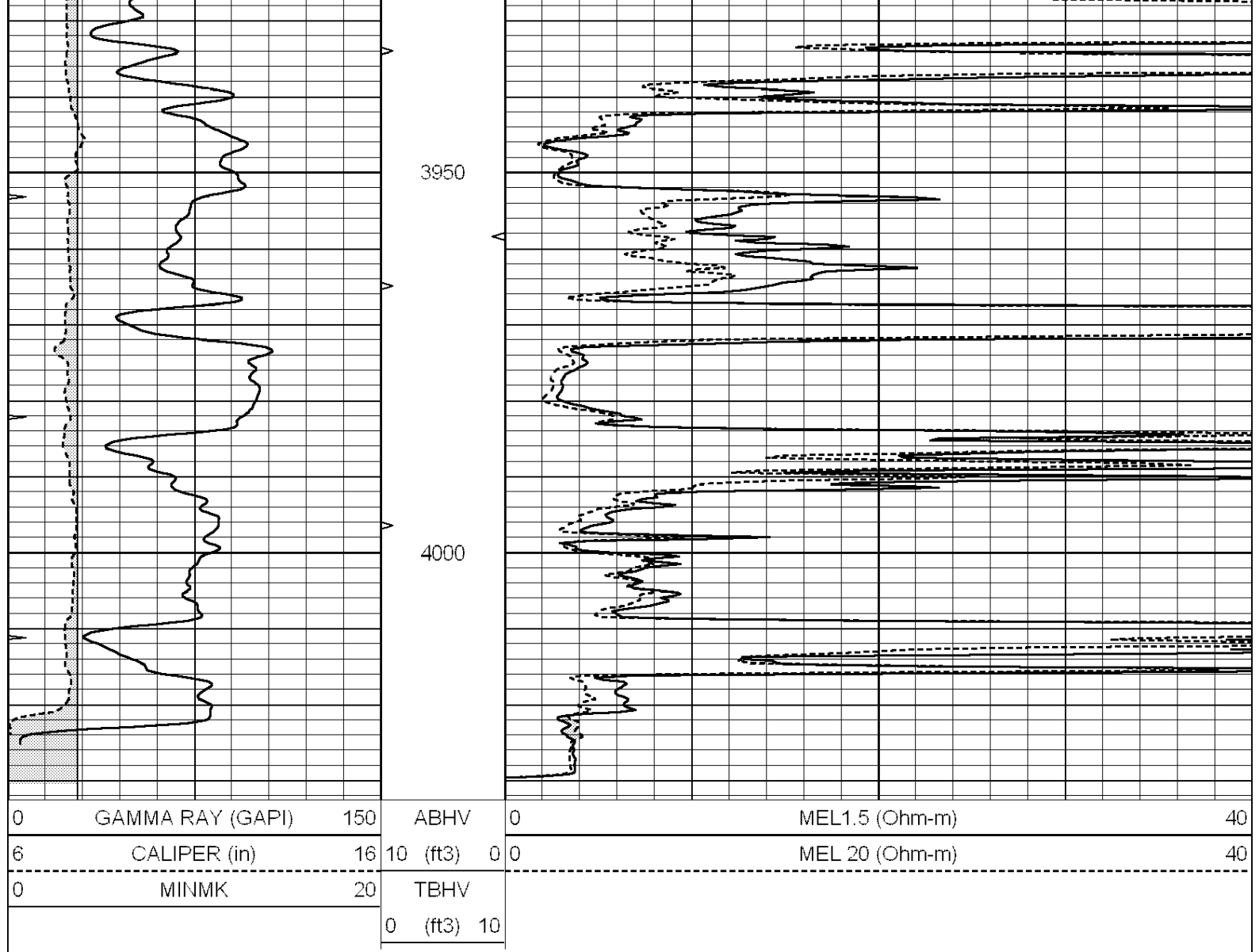


REPEAT SECTION

Database File: 3332ddn.db
 Dataset Pathname: pass5.1
 Presentation Format: micro
 Dataset Creation: Sun Jan 13 14:04:10 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: 3332ddn.db
Dataset Pathname: pass5.1
Dataset Creation: Sun Jan 13 14:04:10 2019 by Calc SOC 120430

MICRO Calibration Report

Serial Number: 070911
Tool Model: ProbeN
Performed: Sat Jan 05 23:55:41 2019

Caliper Calibration: Gain=5.042 Offset=1.546
References Low Cal High Cal
7.900 20.000
Readings 1.300 3.700

1.5" Calibration: Gain=60.000 Offset=-2.800
References Low Cal High Cal
0.000 20.000
Readings 0.001 1.240

2" Calibration: Gain=66.000 Offset=-3.000
References Low Cal High Cal
0.000 20.000
Readings 0.001 1.076

Readings: 0.007 1.070

Gamma Ray Calibration Report

Serial Number:	070559	
Tool Model:	OPEN_GR	
Performed:	Tue Dec 18 20:50:11 2018	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.2300	GAPI/cps