



MICRO LOG

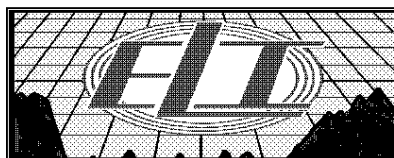
Company		MAI OIL OPERATIONS, INC.	
Well		WIRTZ #10	
Field		FT. ZARAH	
County		BARTON	
State		KANSAS	
Location:		API # : 15-009-26234-0000	
Permanent Datum		GROUND LEVEL	
Log Measured From		KELLY BUSHING 8' A.G.L.	
Drilling Measured From		KELLY BUSHING	
SEC 33 TWP 19S RGE 12W		Elevation	
		K.B. 1819	
		D.F. 1817	
		G.L. 1811	
Date		10/19/18	
Run Number		TWO	
Depth Driller		3440	
Depth Logger		3439	
Bottom Logged Interval		3437	
Top Log Interval		2700	
Casing Driller		8 5/8"@63'1"	
Casing Logger		631	
Bit Size		7 7/8"	
Type Fluid in Hole		CHEMICAL MUD	
Density / Viscosity		9.2/49	
pH / Fluid Loss		10.0/9.6	
Source of Sample		FLOWLINE	
Rim @ Meas. Temp		.520@70F	
Rmf @ Meas. Temp		.390@70F	
Rmc @ Meas. Temp		.624@70F	
Source of Rmf / Rmc		MEASUREMENT	
Rim @ BHT		.328@111F	
Time Circulation Stopped		3.5 HOURS	
Time Logger on Bottom		6:00 A.M.	
Maximum Recorded Temperature		111F	
Equipment Number		922339	
Location		HAYS, KANSAS	
Recorded By		JEFF LUEBBERS	
Witnessed By		WYATT URBAN	

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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

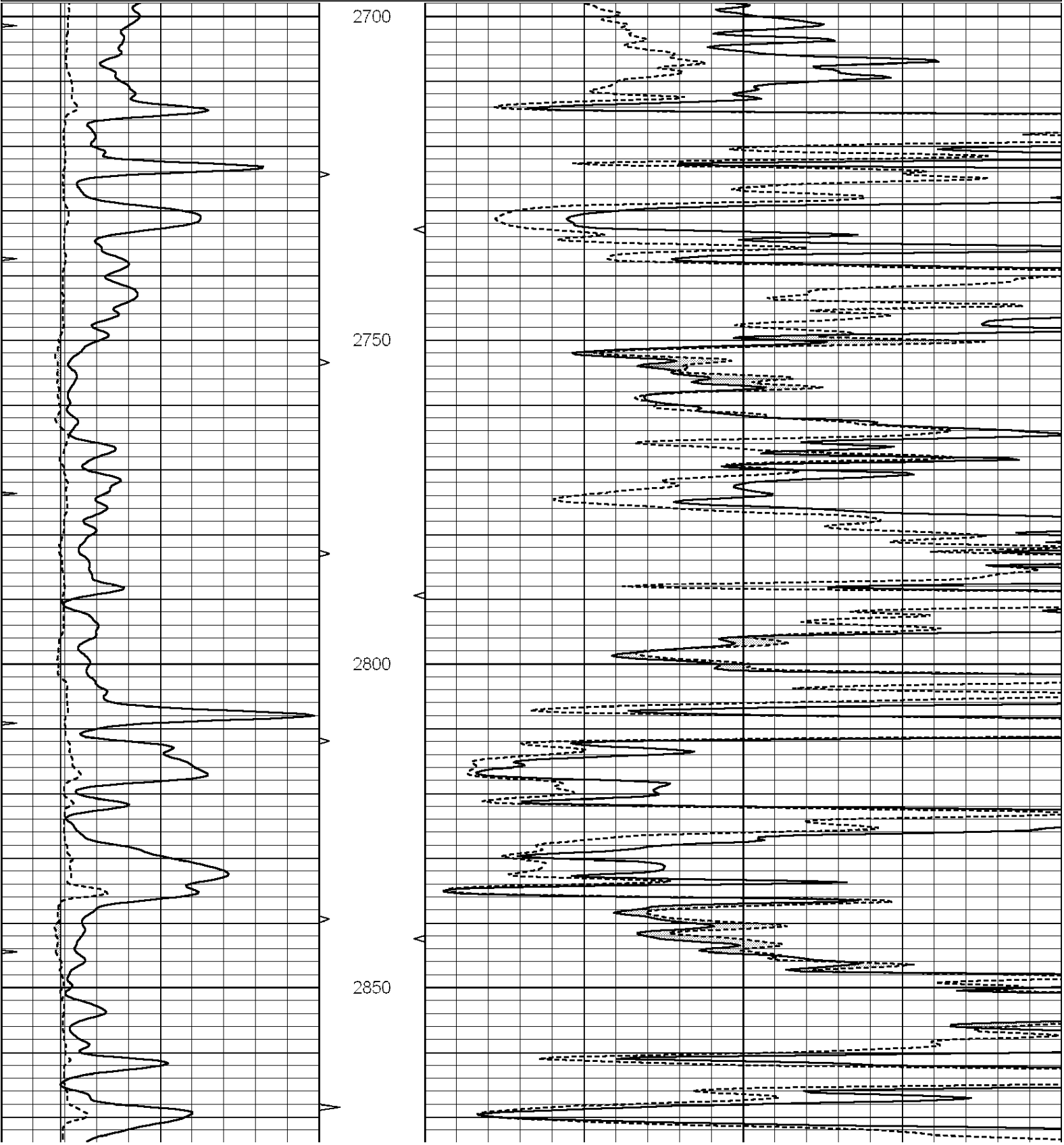
THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395
DIRECTIONS
GREAT BEND, KS., 4E. ON HWY 156 TO " NE 70 AVE." 1/2 S., 1/2W., S. INTO

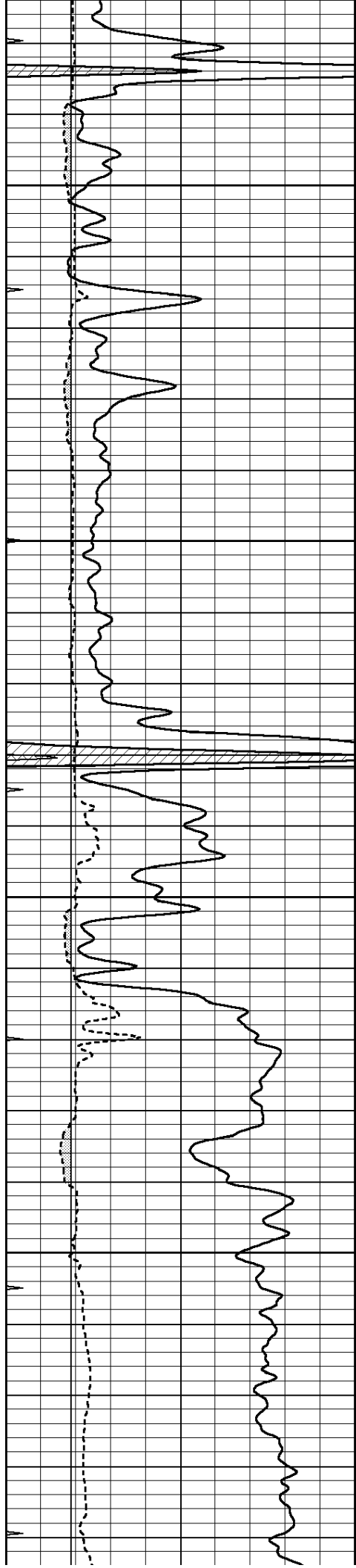


MAIN SECTION

Database File: 2946ddn.db
Dataset Pathname: pass7.1
Presentation Format: micro
Dataset Creation: Fri Oct 19 06:43:42 2018 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		



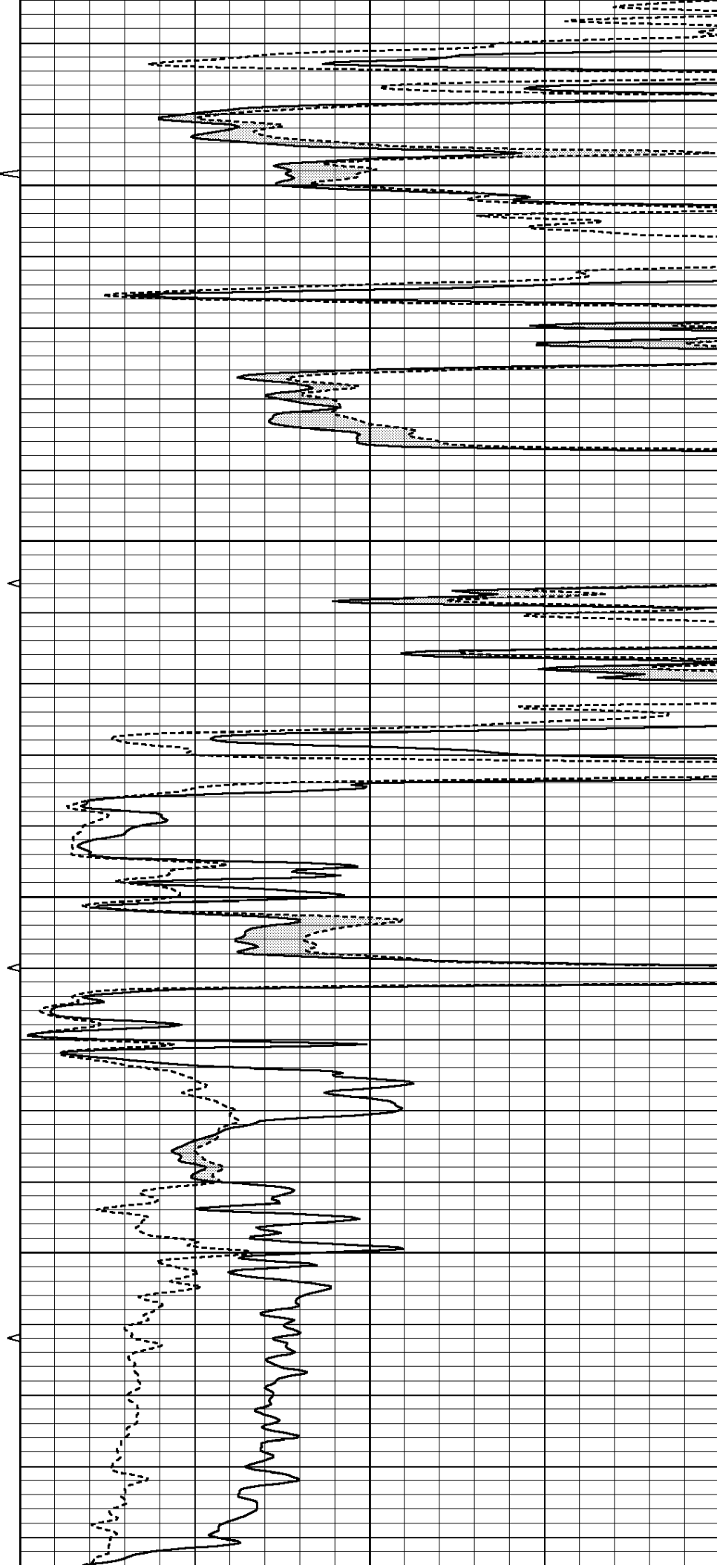


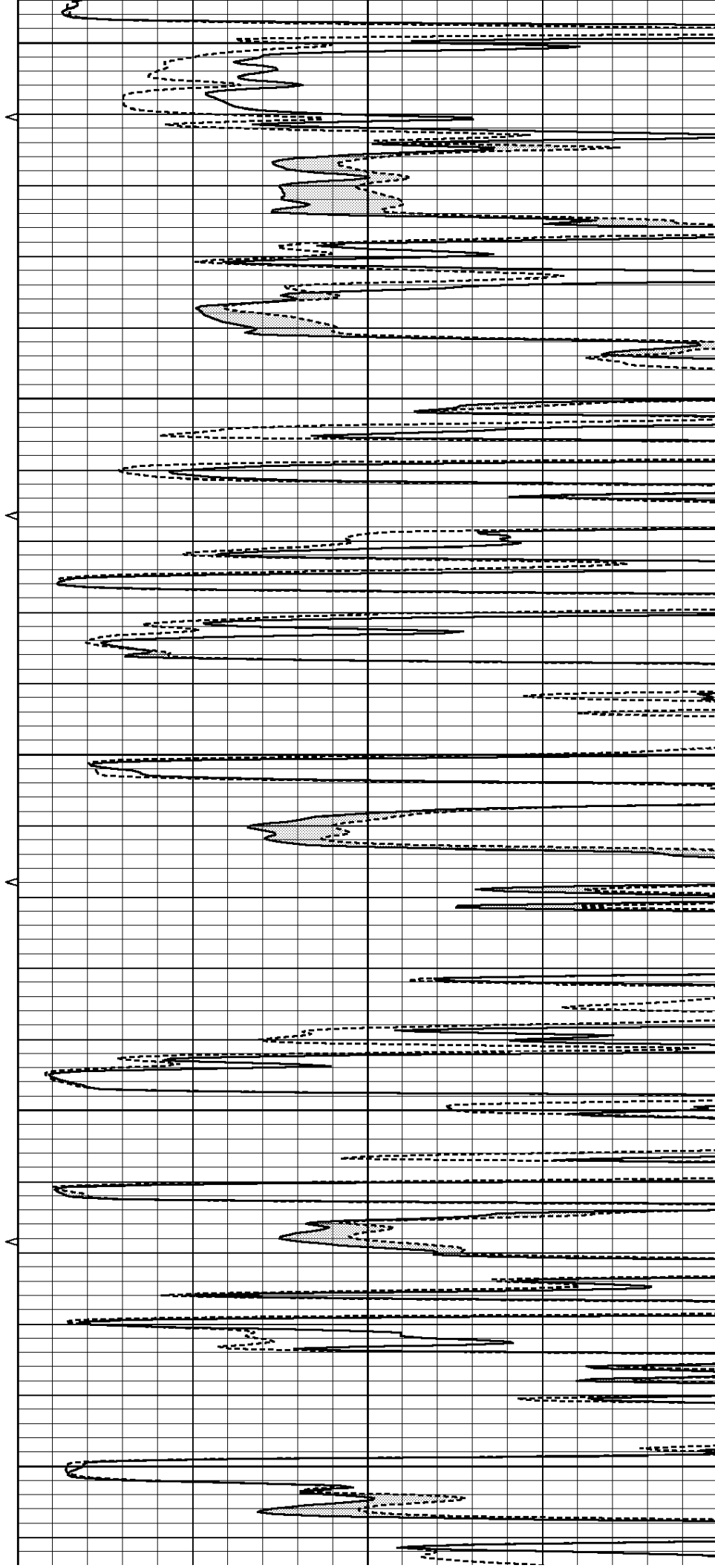
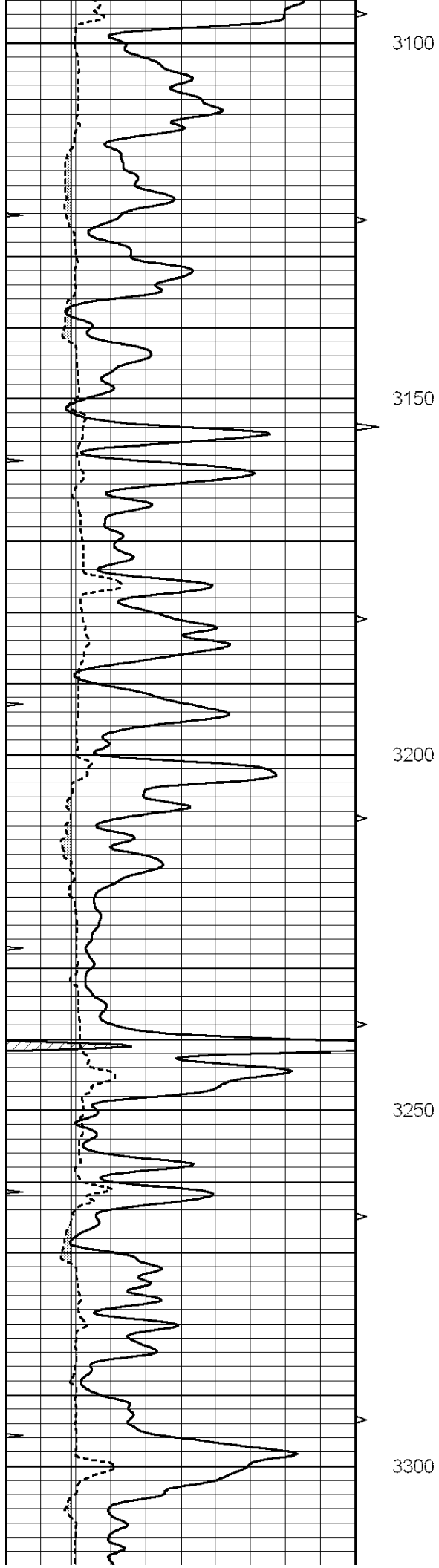
2900

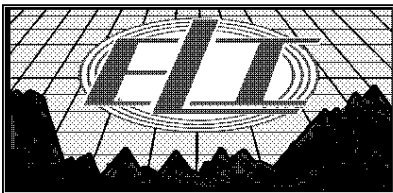
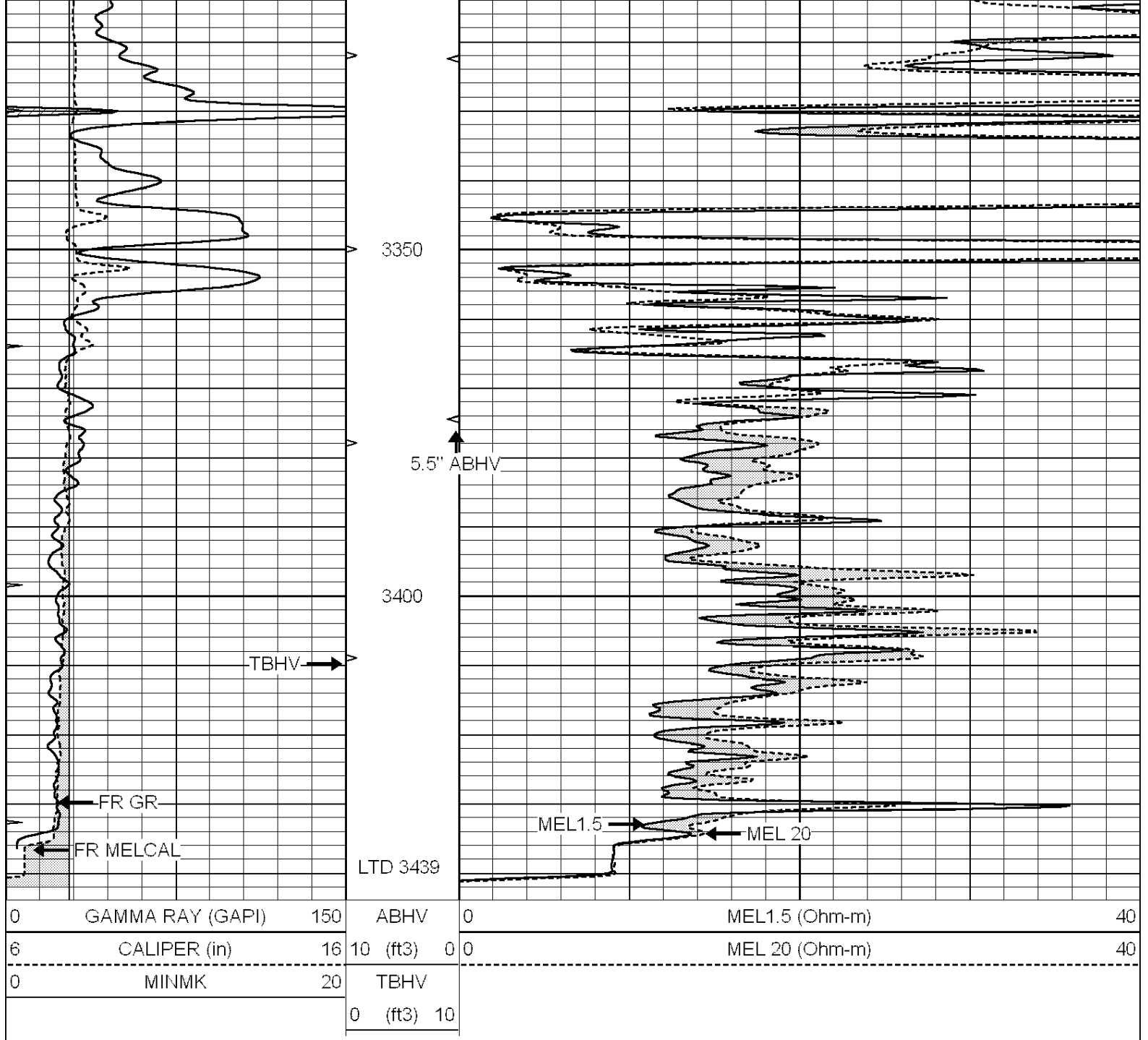
2950

3000

3050

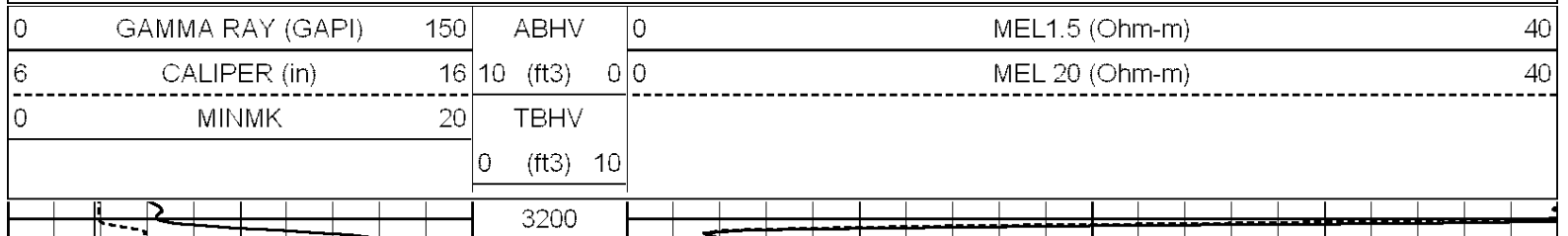


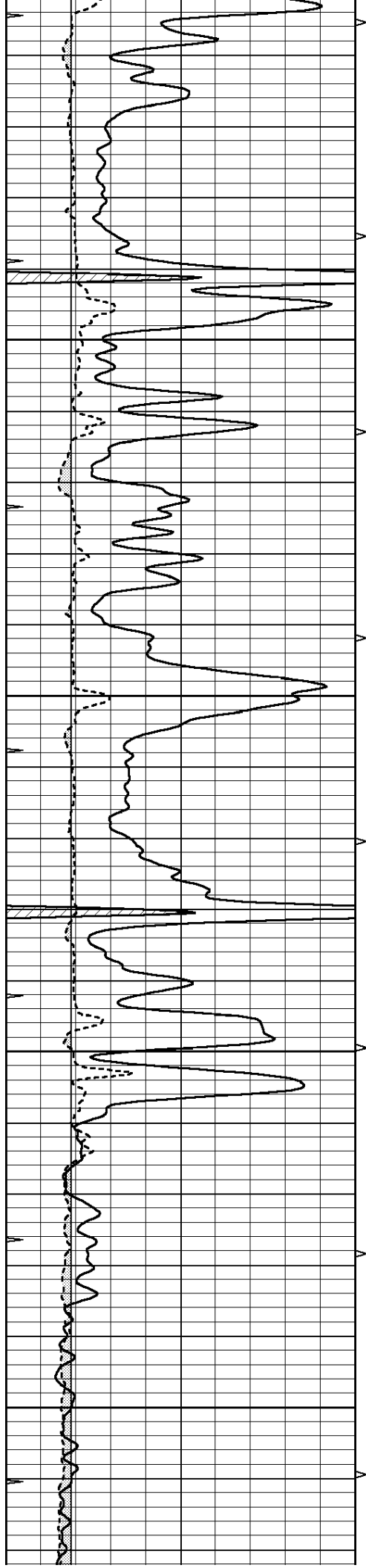




REPEAT SECTION

Database File: 2946ddn.db
 Dataset Pathname: pass6.1
 Presentation Format: micro
 Dataset Creation: Fri Oct 19 06:04:22 2018 by Calc SOC 120430
 Charted by: Depth in Feet scaled 1:240



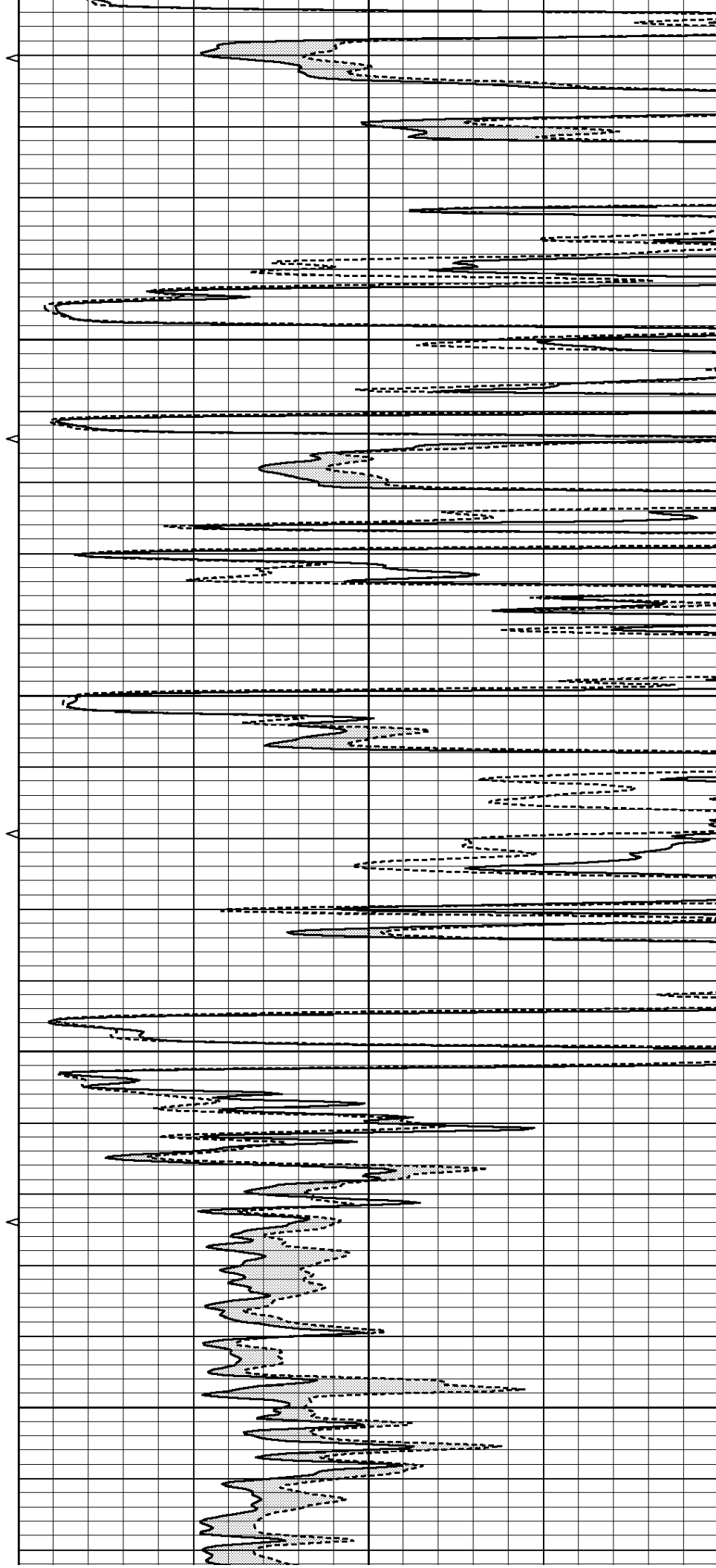


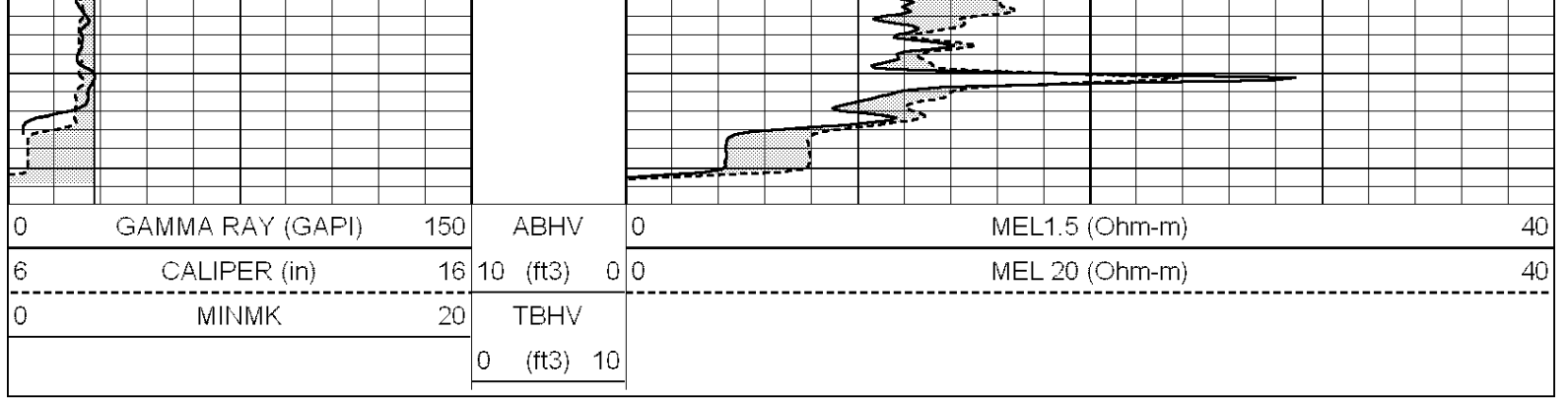
3250

3300

3350

3400





Calibration Report			
Database File:	2946ddn.db		
Dataset Pathname:	pass7.1		
Dataset Creation:	Fri Oct 19 06:43:42 2018 by Calc SOC 120430		
MICRO Calibration Report			
Serial Number:	070911		
Tool Model:	ProbeN		
Performed:	Fri Oct 19 06:11:52 2018		
Caliper Calibration:	Gain=4.688	Offset=0.896	
	Low Cal	High Cal	
References	7.600	20.000	
Readings	1.430	4.075	
1.5" Calibration:	Gain=60.000	Offset=-2.000	
	Low Cal	High Cal	
References	0.000	20.000	
Readings	0.001	1.240	
2" Calibration:	Gain=62.000	Offset=-1.500	
	Low Cal	High Cal	
References	0.000	20.000	
Readings	0.001	1.076	
Gamma Ray Calibration Report			
Serial Number:	070559		
Tool Model:	OPEN_GR		
Performed:	Tue Oct 09 23:33:12 2018		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	1.0	cps	
Sensitivity:	0.2400	GAPI/cps	