

MICRO LOG

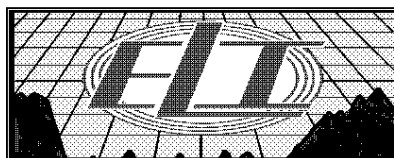
Company	L.D. DRILLING, INC.		
Well	#1-14 MARIAH		
Field	WILDCAT		
County	LANE		
State	KANSAS		
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Field	WILDCAT		
County	LANE		
State	KANSAS		
Location:	API # : 15-101-22637-0000		
Permanent Datum	GROUND LEVEL	Elevation	2776
Log Measured From	KELLY BUSHING	5' A.G.L.	
Drilling Measured From	KELLY BUSHING		
Date	10/26/19		
Run Number	TWO		
Depth Driller	4600		
Depth Logger	4600		
Bottom Logged Interval	4598		
Top Log Interval	3400		
Casing Driller	8 5/8"@285'		
Casing Logger	286		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 3,700 PPM	
Density / Viscosity	9.6/57		
pH / Fluid Loss	9.5/10.4		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.900@70F		
Rmf @ Meas. Temp	.675@70F		
Rmc @ Meas. Temp	1.08@70F		
Source of Rmf / Rmc	MEASUREMENT		
Rim @ BHT	.521@121F		
Time Circulation Stopped	4 HOURS		
Time Logger on Bottom	9:00 A.M.		
Maximum Recorded Temperature	121F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	KIM SHOEMAKER		

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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

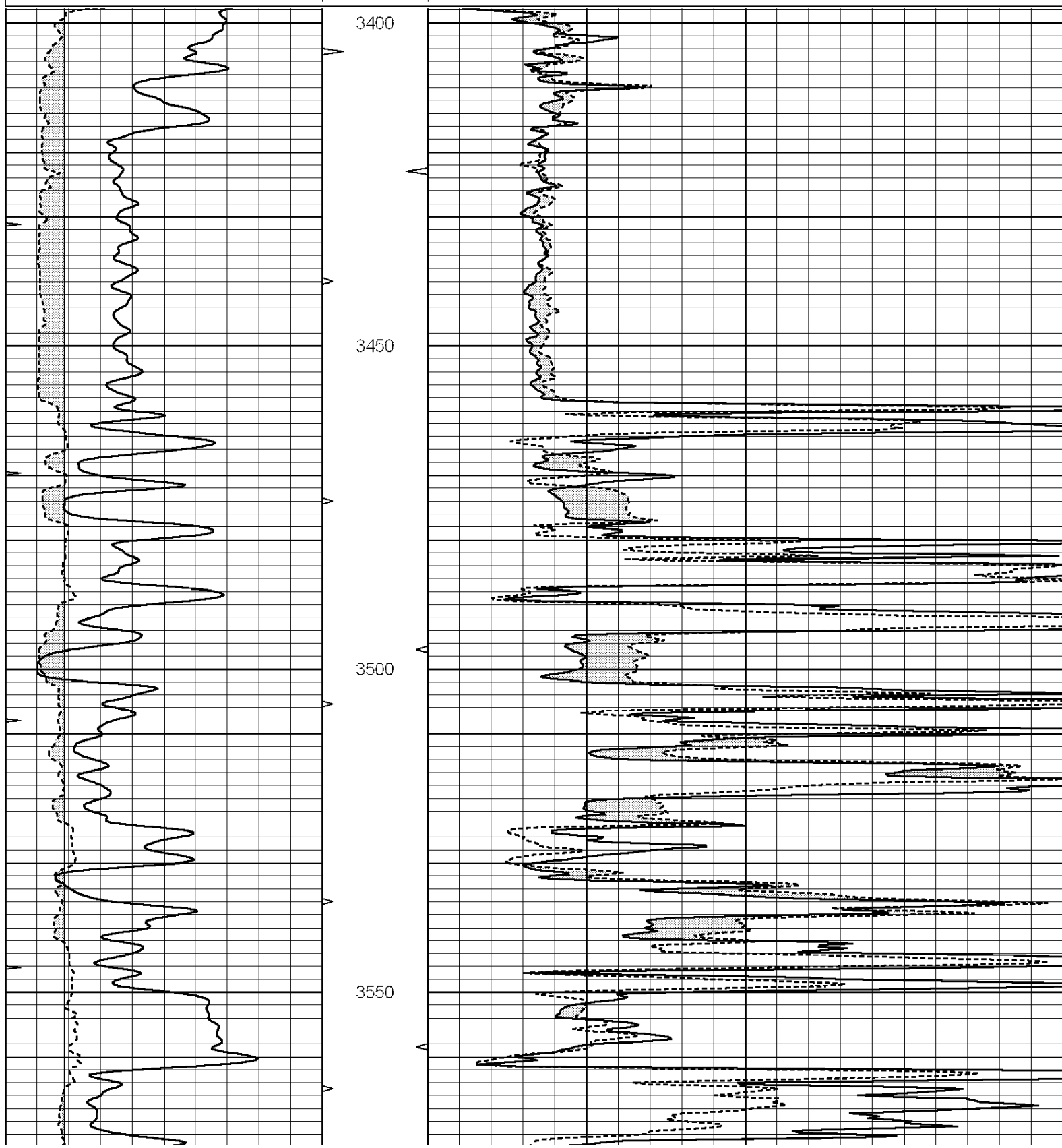
THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395
DIRECTIONS
HEALY, KS., 4N. ON "DODGE RD." E. INTO

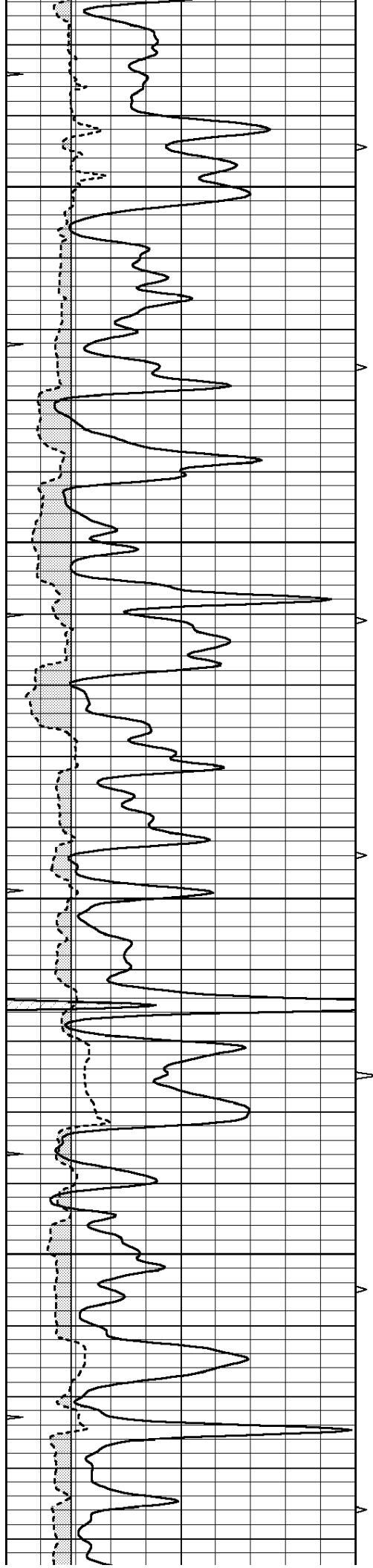


MAIN SECTION

Database File: 3975ddn.db
Dataset Pathname: pass6.2
Presentation Format: micro
Dataset Creation: Sat Oct 26 09:19:11 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		



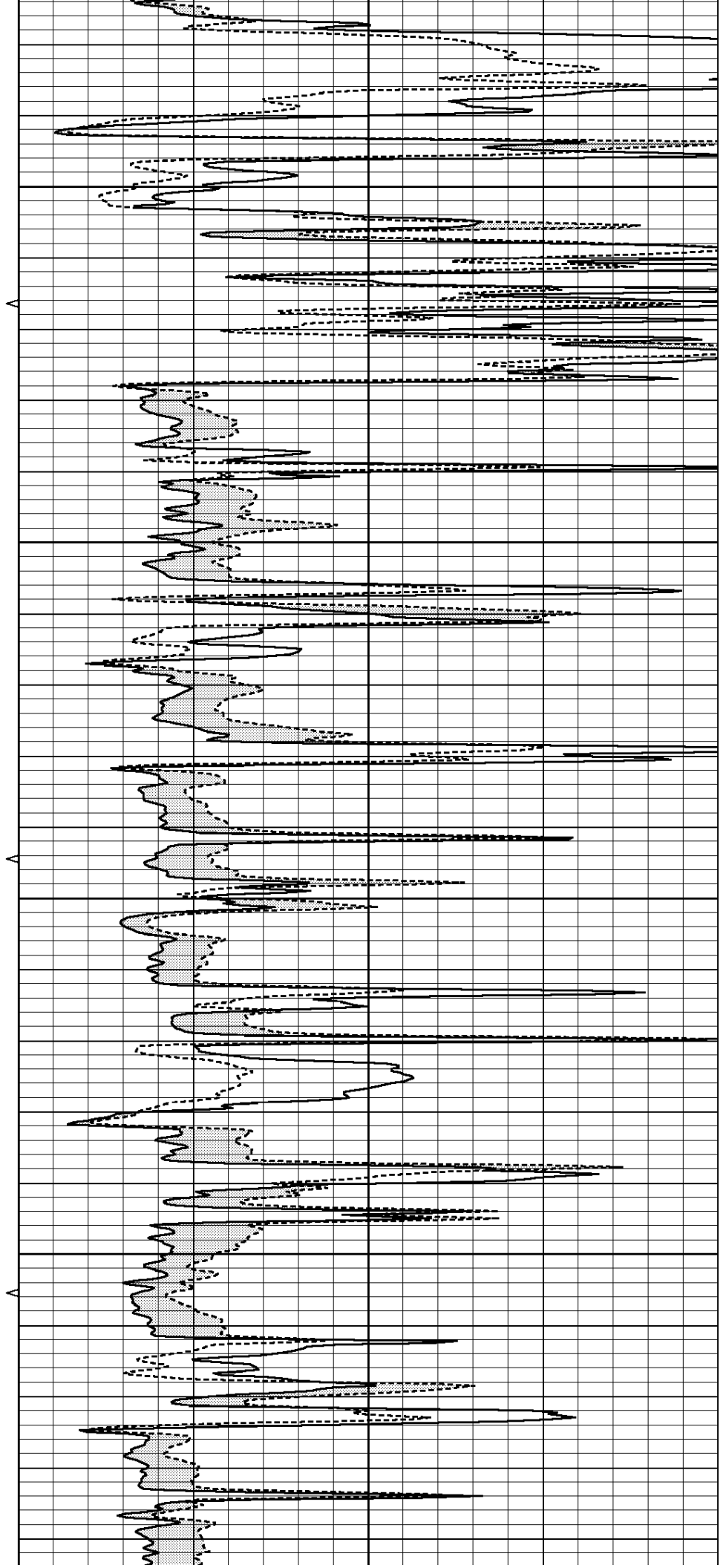


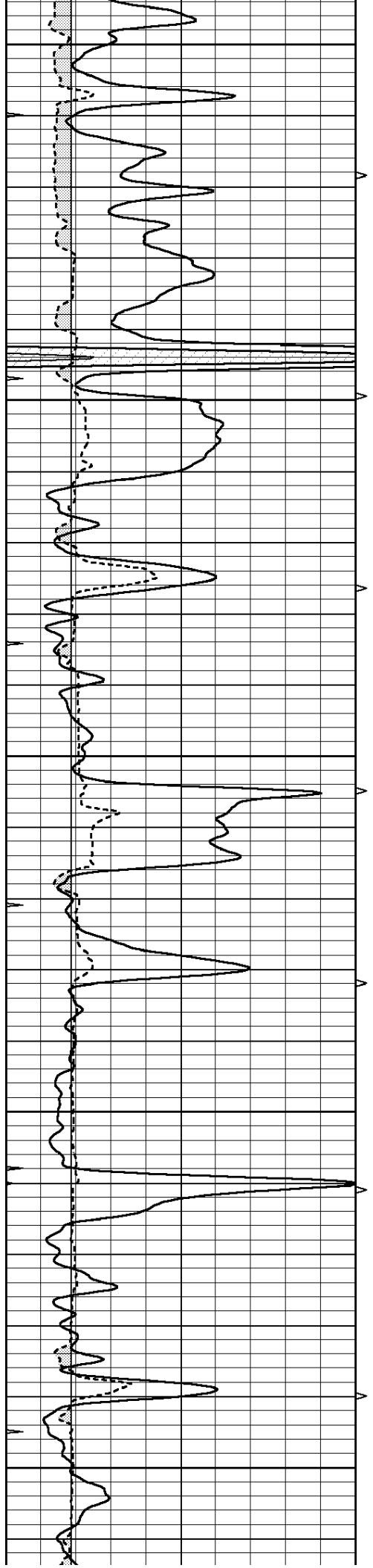
3600

3650

3700

3750





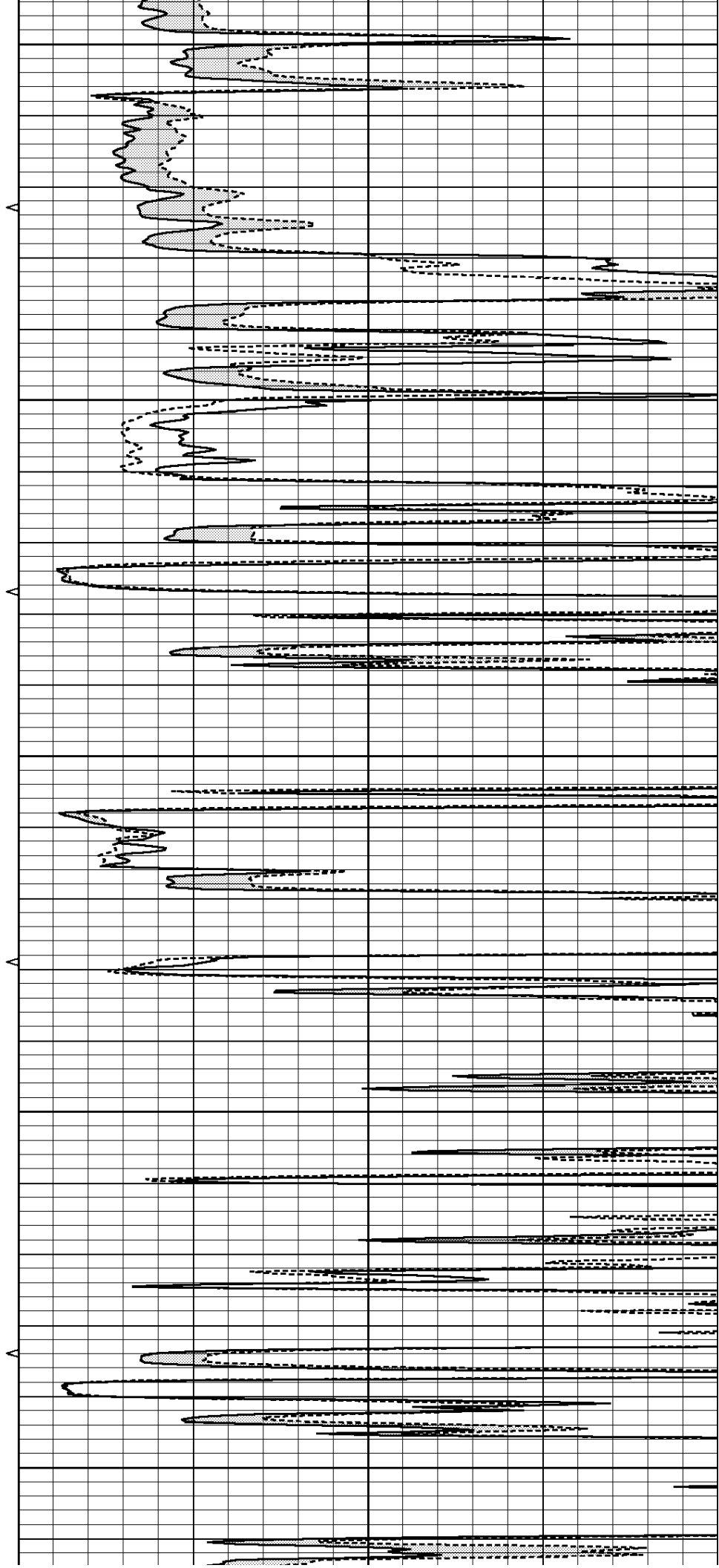
3800

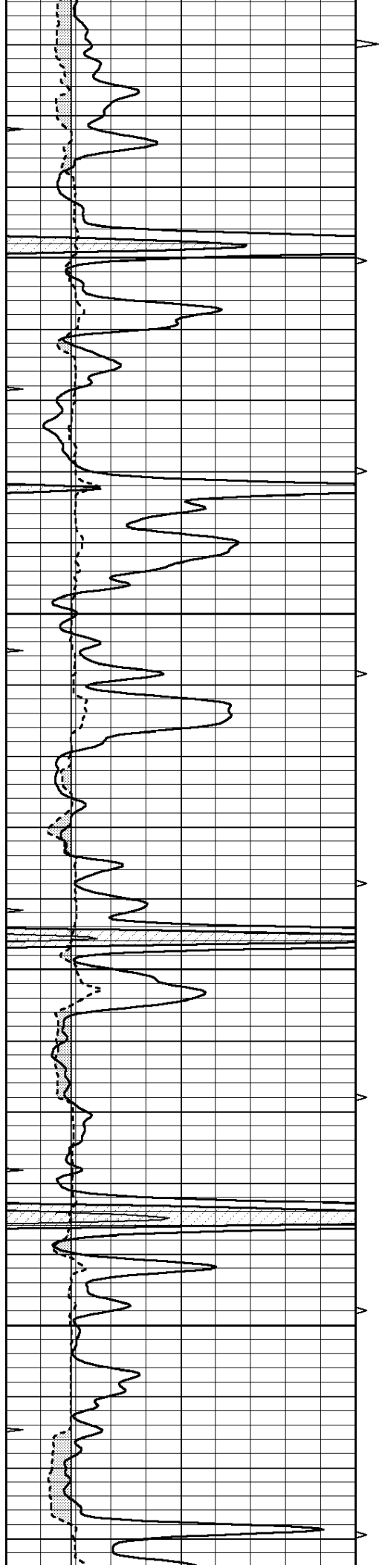
3850

3900

3950

4000



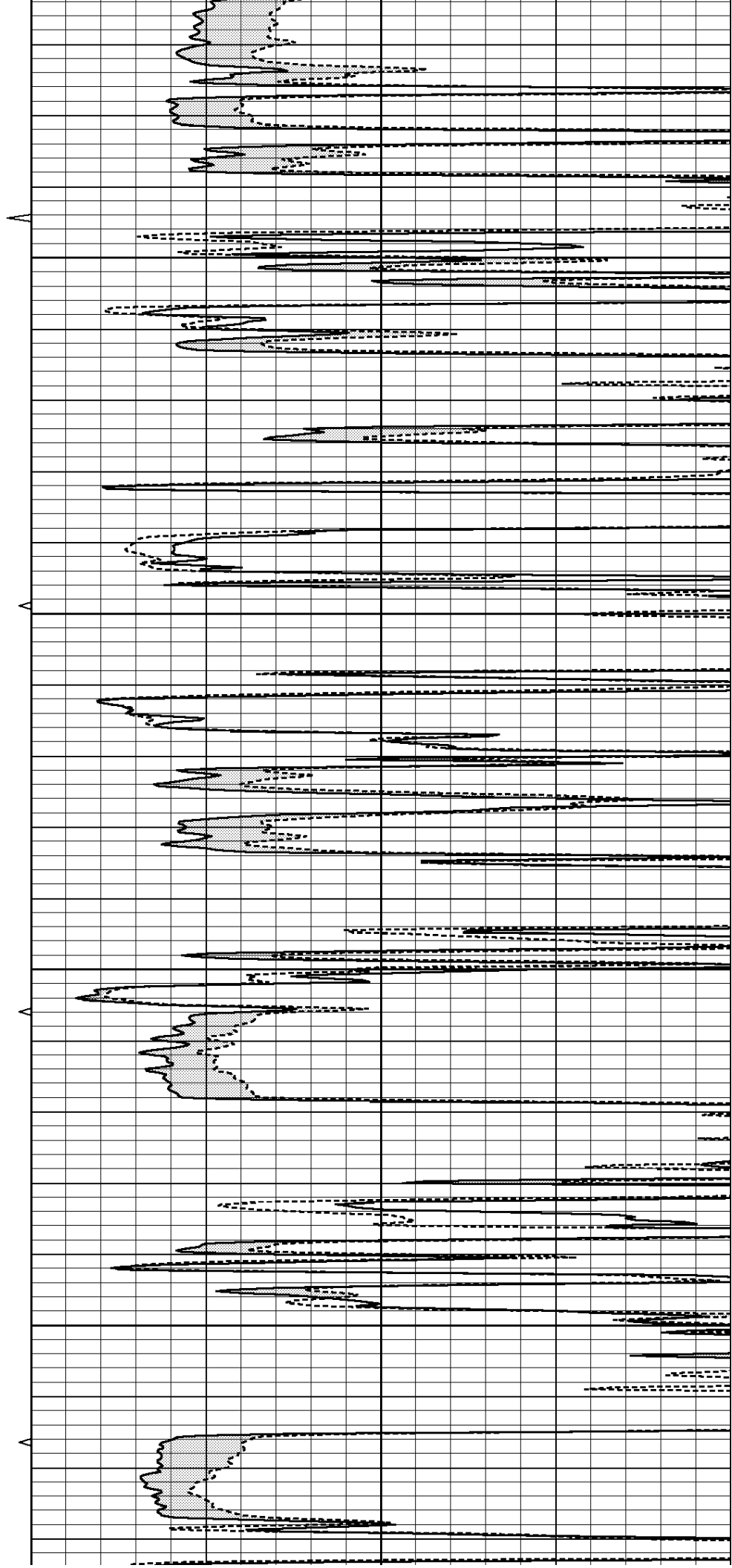


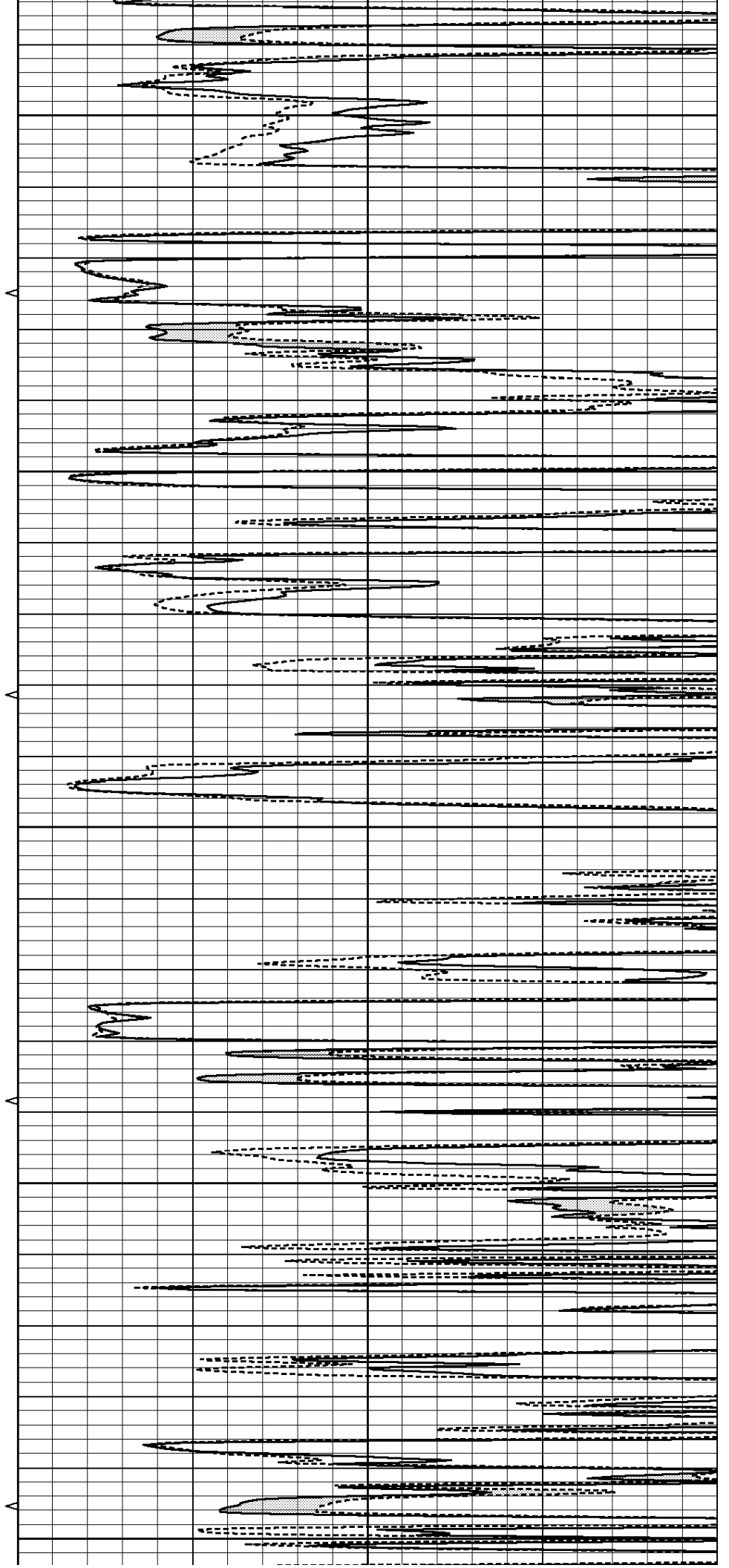
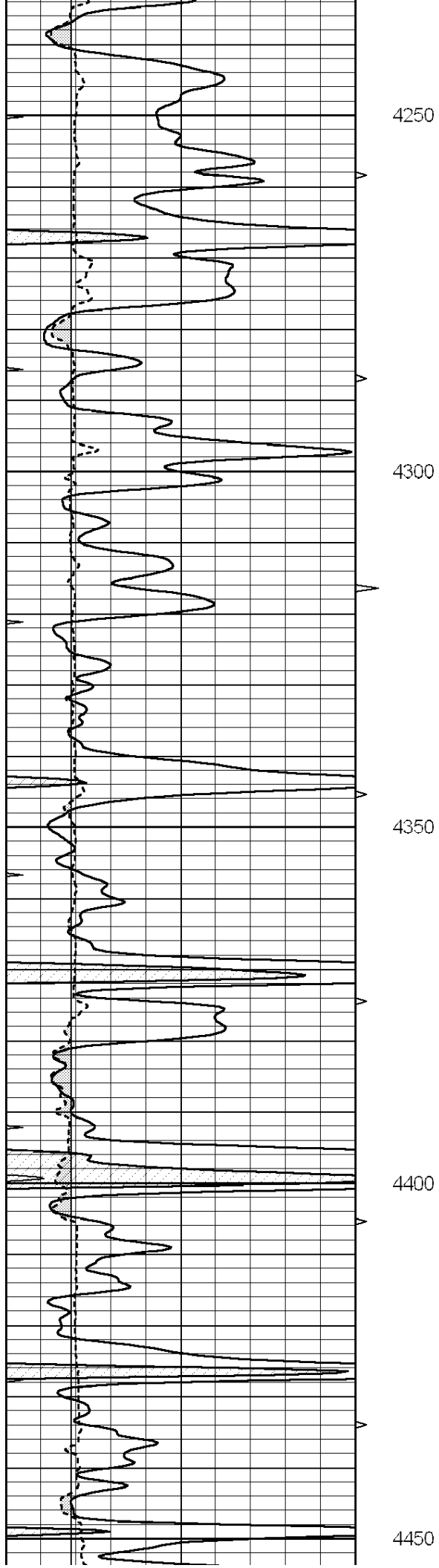
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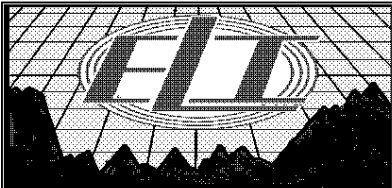
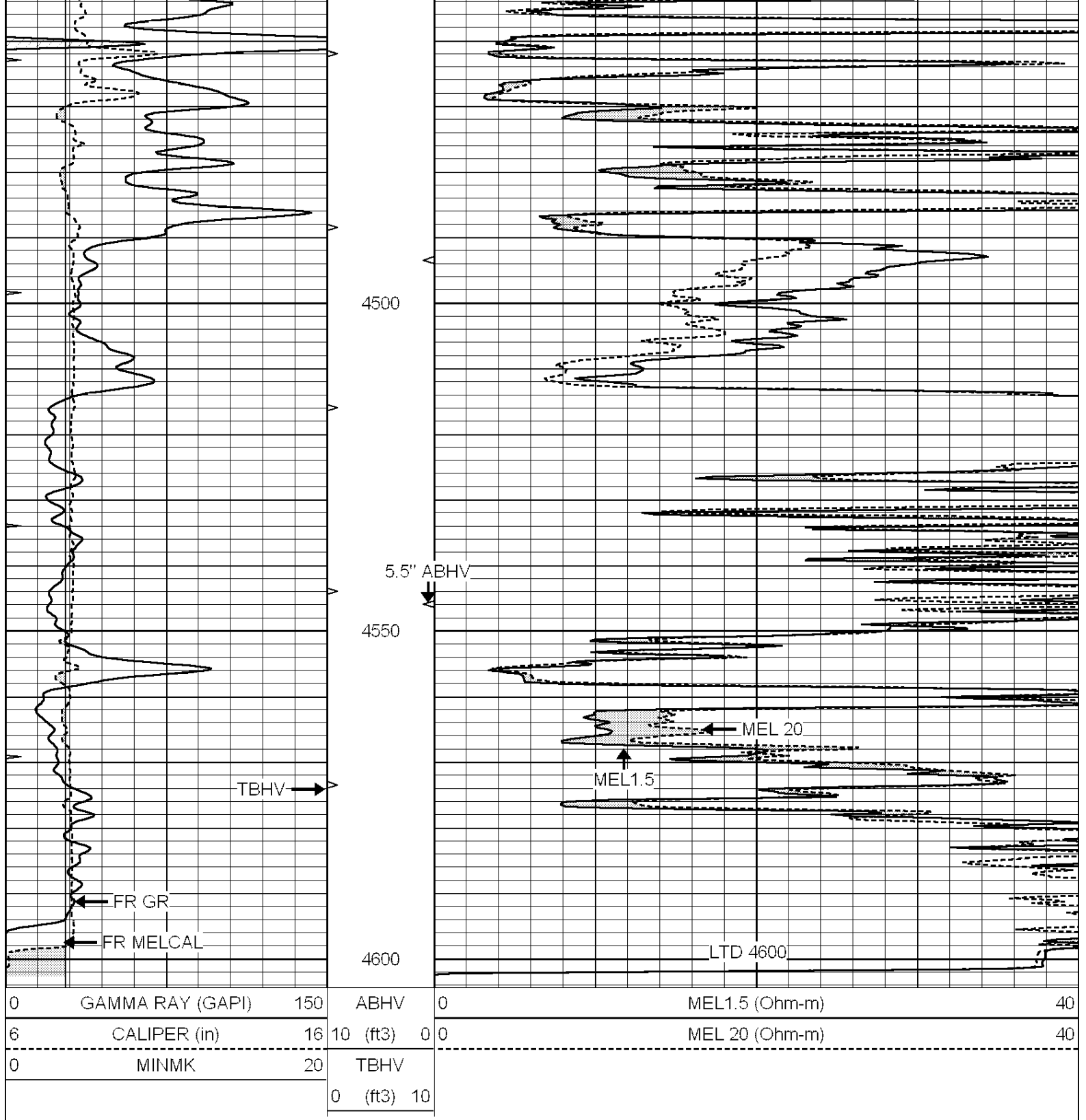
4100

4150

4200



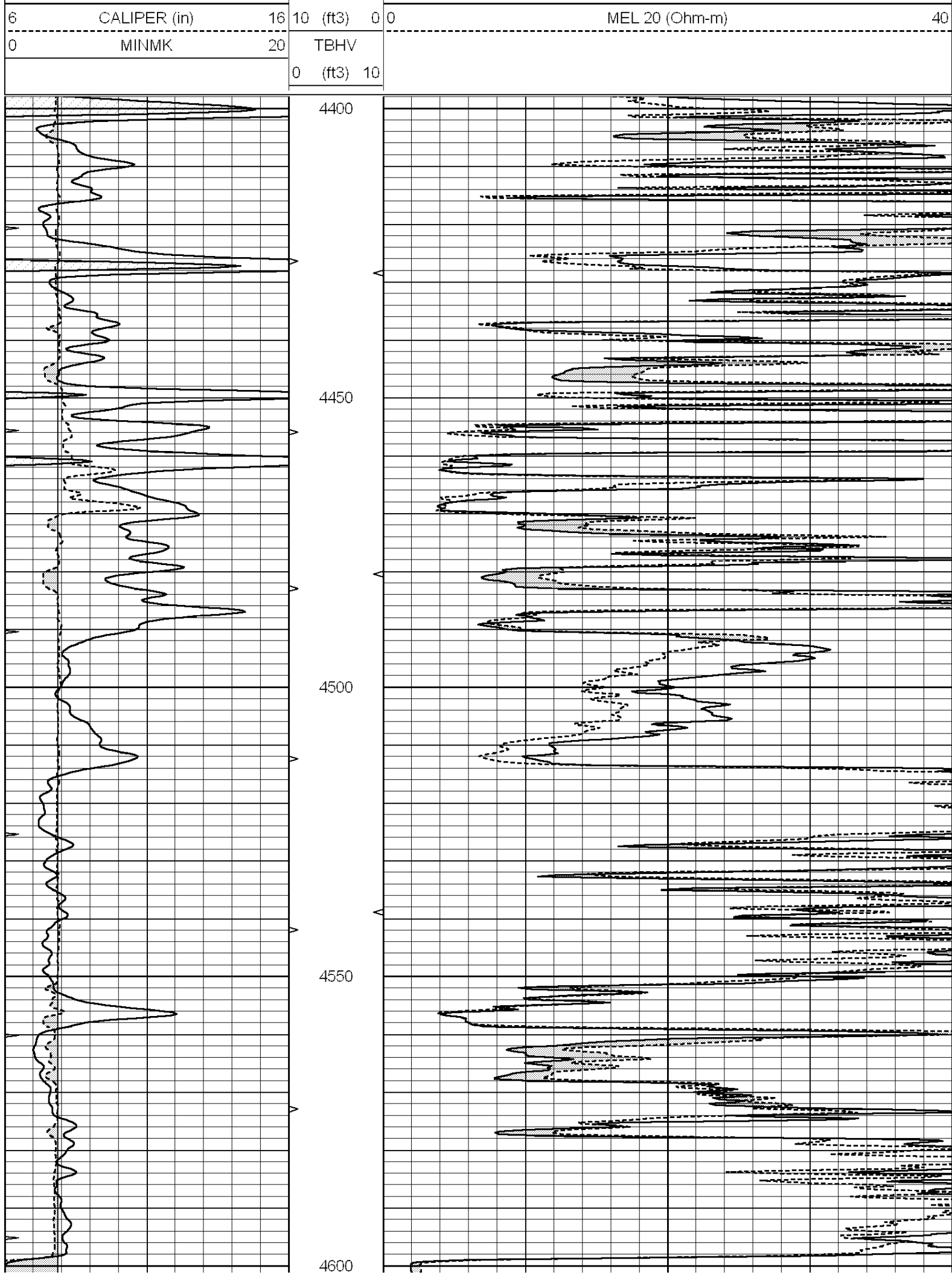




REPEAT SECTION

Database File: 3975ddn.db
 Dataset Pathname: pass5.1
 Presentation Format: micro
 Dataset Creation: Sat Oct 26 08:42:36 2019 by Calc SOC 120430
 Charted by: Depth in Feet scaled 1:240





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Database File: 3975ddh.db Dataset Pathname: pass6.2 Dataset Creation: Sat Oct 26 09:19:11 2019 by Calc SOC 120430			
MICRO Calibration Report			
Serial Number:	070911		
Tool Model:	ProbeN		
Performed:	Sat Oct 26 09:13:44 2019		
Caliper Calibration:	Gain=6.557	Offset=-0.393	
	Low Cal	High Cal	
References	8.000	16.000	
Readings	1.280	2.500	
1.5" Calibration:	Gain=44.000	Offset=-1.000	
	Low Cal	High Cal	
References	0.000	20.000	
Readings	0.001	1.240	
2" Calibration:	Gain=50.000	Offset=-1.000	
	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:	Fri Oct 25 19:48:05 2019		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	1.0	cps	
Sensitivity:	0.2600	GAPI/cps	