

MICRO LOG

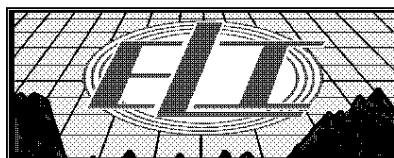
Company	C & K OPERATING, LLC.		
Well	ALAMEDA #3-10		
Field	ALAMEDA		
County	KINGMAN	State	KANSAS
Location:	SEC 28 TWP 28S RGE 7W		Other Services CDL/CNL/PE DIL/SONIC
Permanent Datum	GROUND LEVEL	Elevation	1601
Log Measured From	KELLY BUSHING 10' A.G.L.		
Drilling Measured From	KELLY BUSHING		
Date	12/21/19		
Run Number	TWO		
Depth Driller	4430		
Depth Logger	4428		
Bottom Logged Interval	4412		
Top Log Interval	2700		
Casing Driller	13 3/8" @ 246'		
Casing Logger	246		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 5,500 PPM	
Density / Viscosity	9.4/50		
pH / Fluid Loss	10.5/8.8		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.800 @ 62F		
Rmf @ Meas. Temp	.600 @ 62F		
Rmc @ Meas. Temp	.960 @ 62F		
Source of Rmf / Rmc	MEASUREMENT		
Rim @ BHT	.413 @ 120F		
Time Circulation Stopped	4.5 HOURS		
Time Logger on Bottom	12:45 A.M.		
Maximum Recorded Temperature	120F		
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

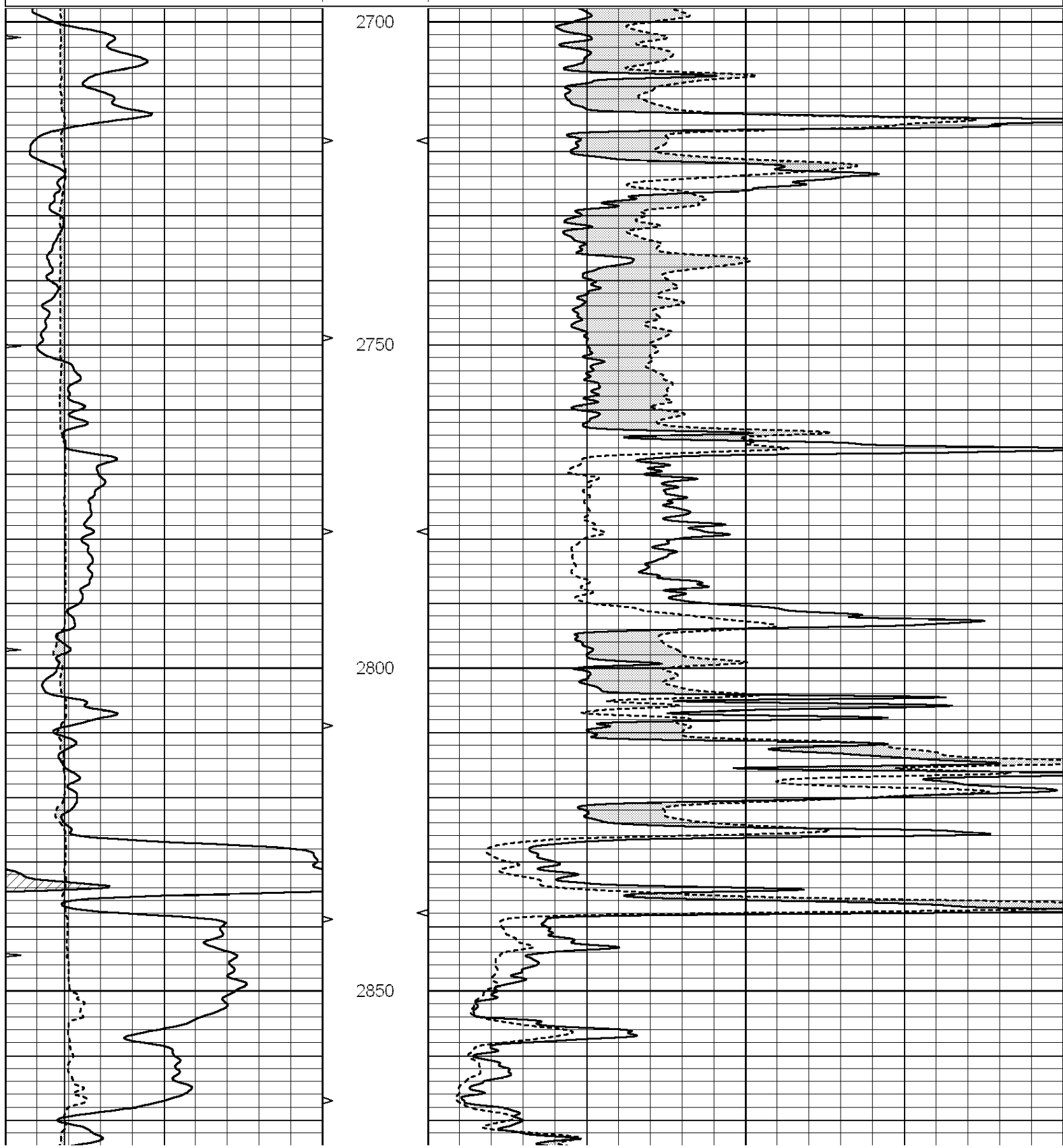
THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395
DIRECTIONS
KINGMAN, KS., 5S. TO "RD. 50" 1E., N. INTO

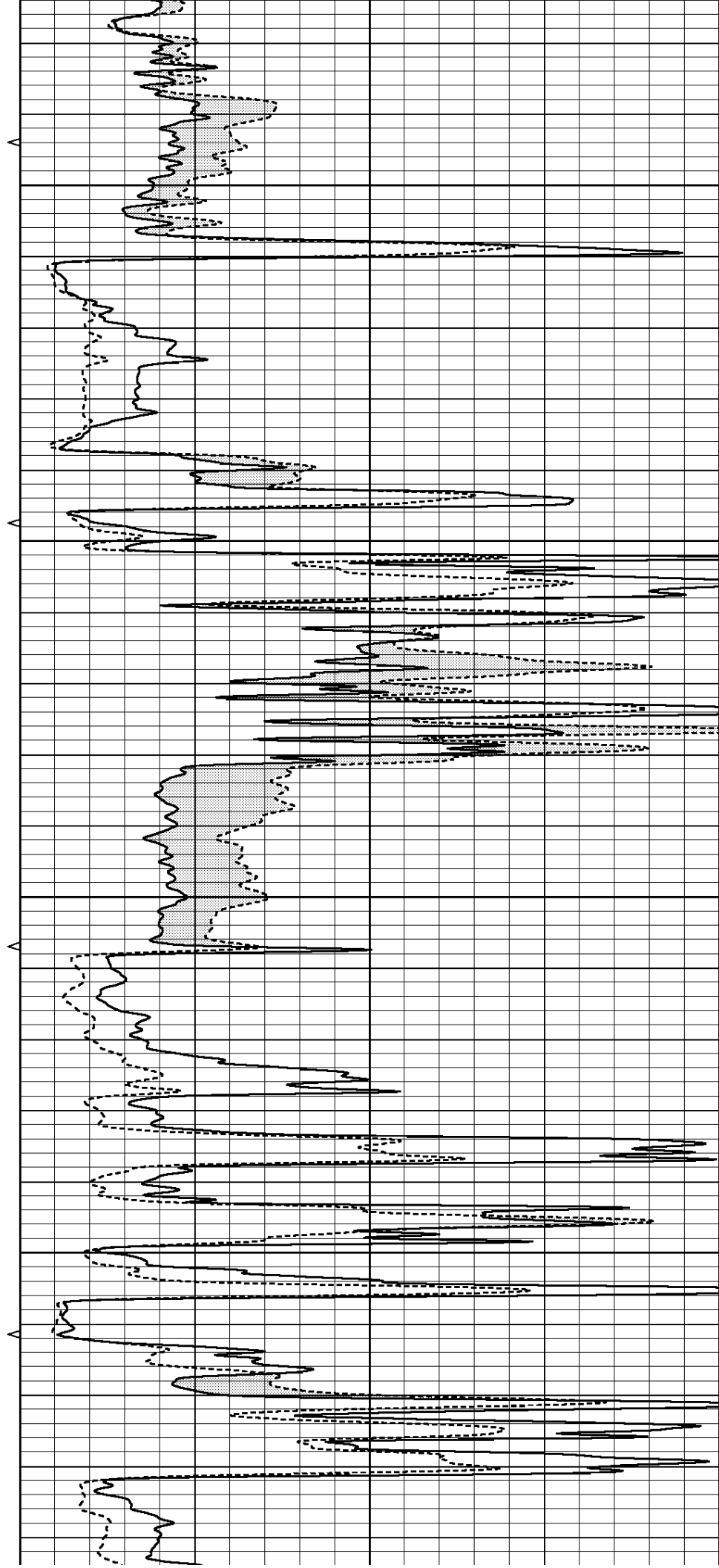
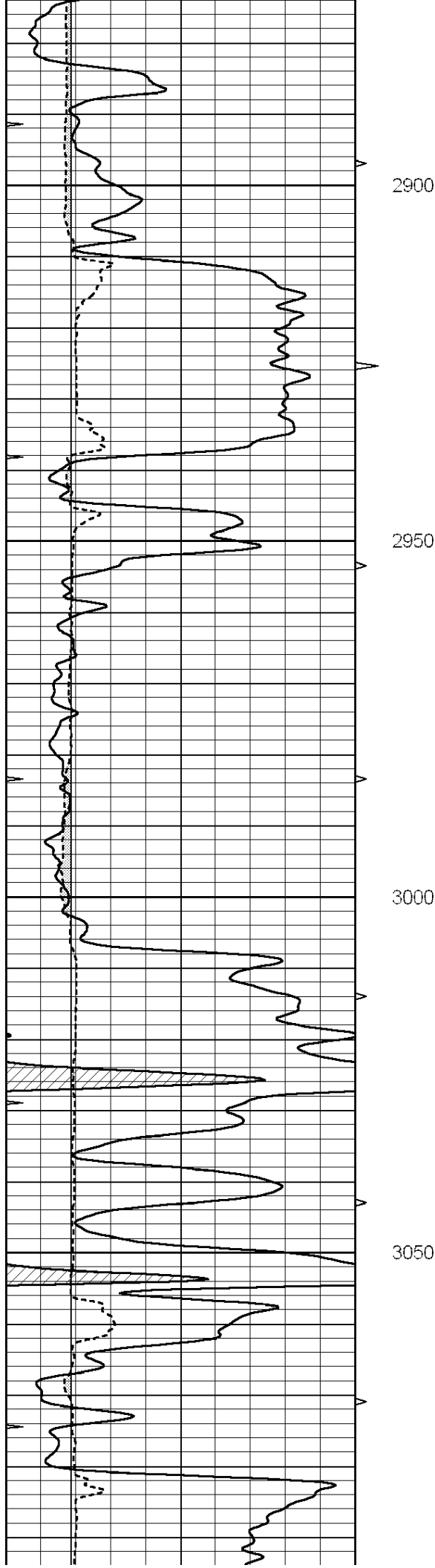


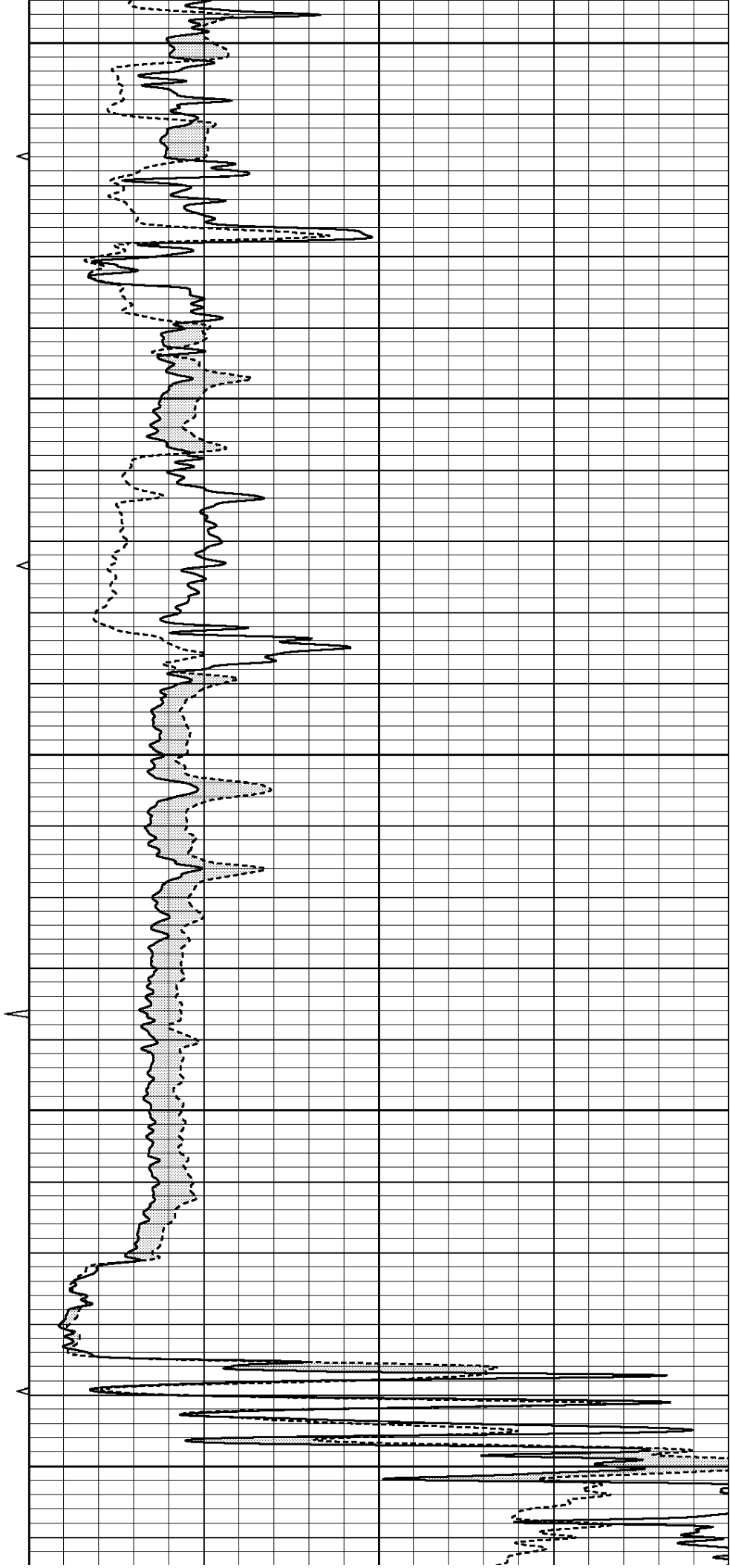
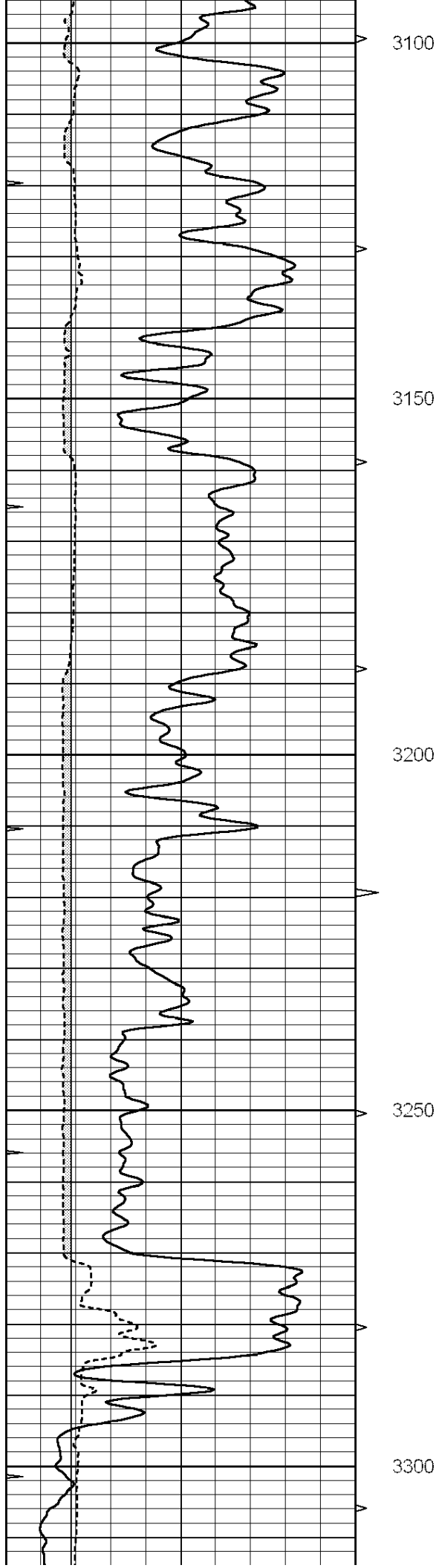
MAIN SECTION

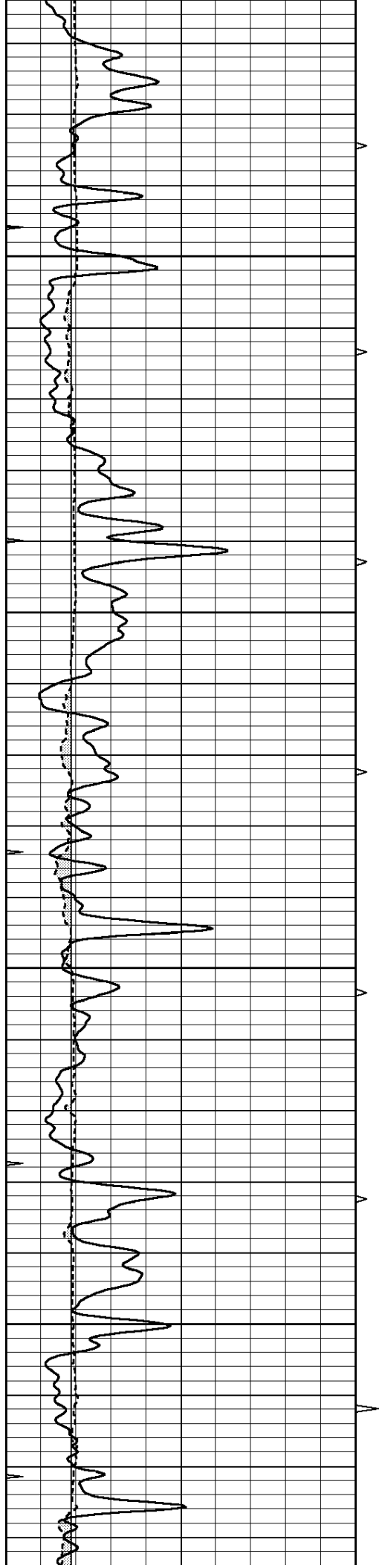
Database File: 4394pe.db
Dataset Pathname: pass8.2
Presentation Format: micro
Dataset Creation: Sat Dec 21 02:30:20 2019
Charted by: Depth in Feet scaled 1:240

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		







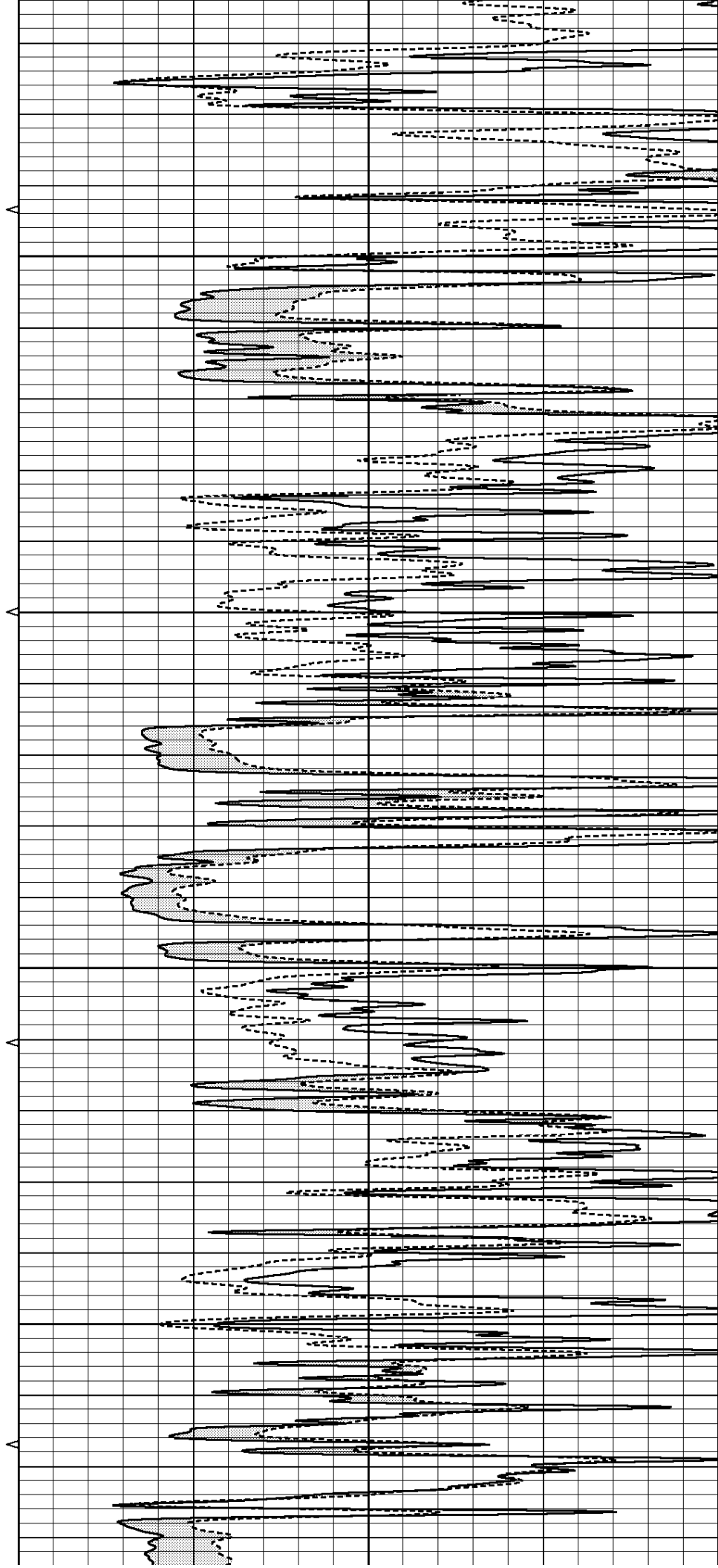


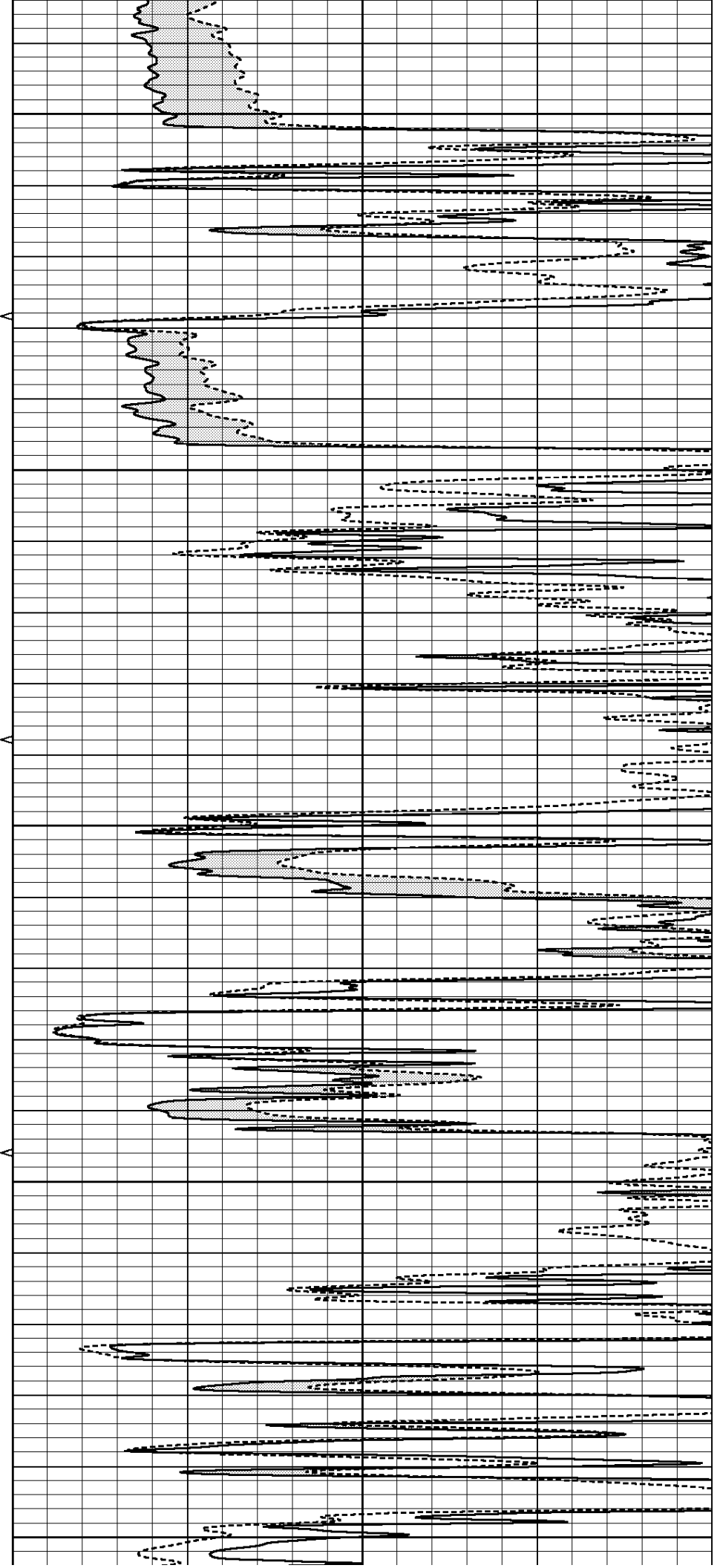
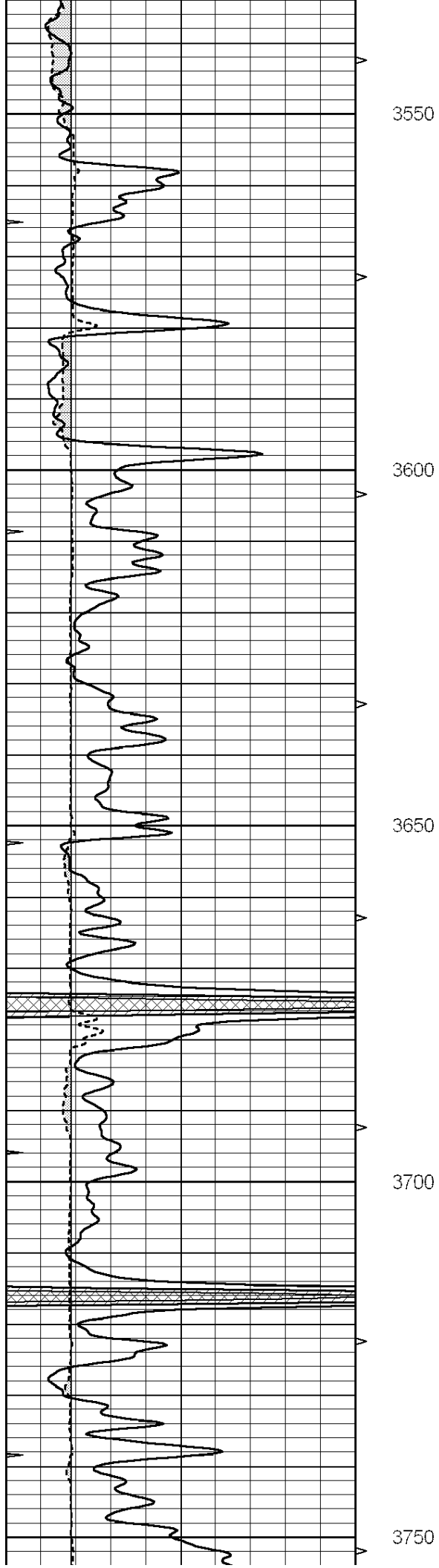
3350

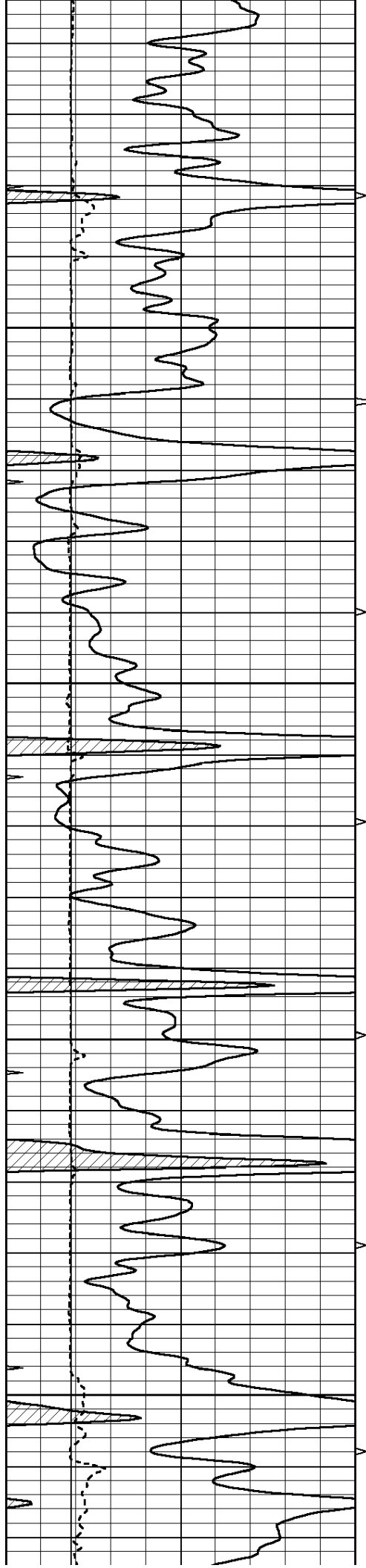
3400

3450

3500





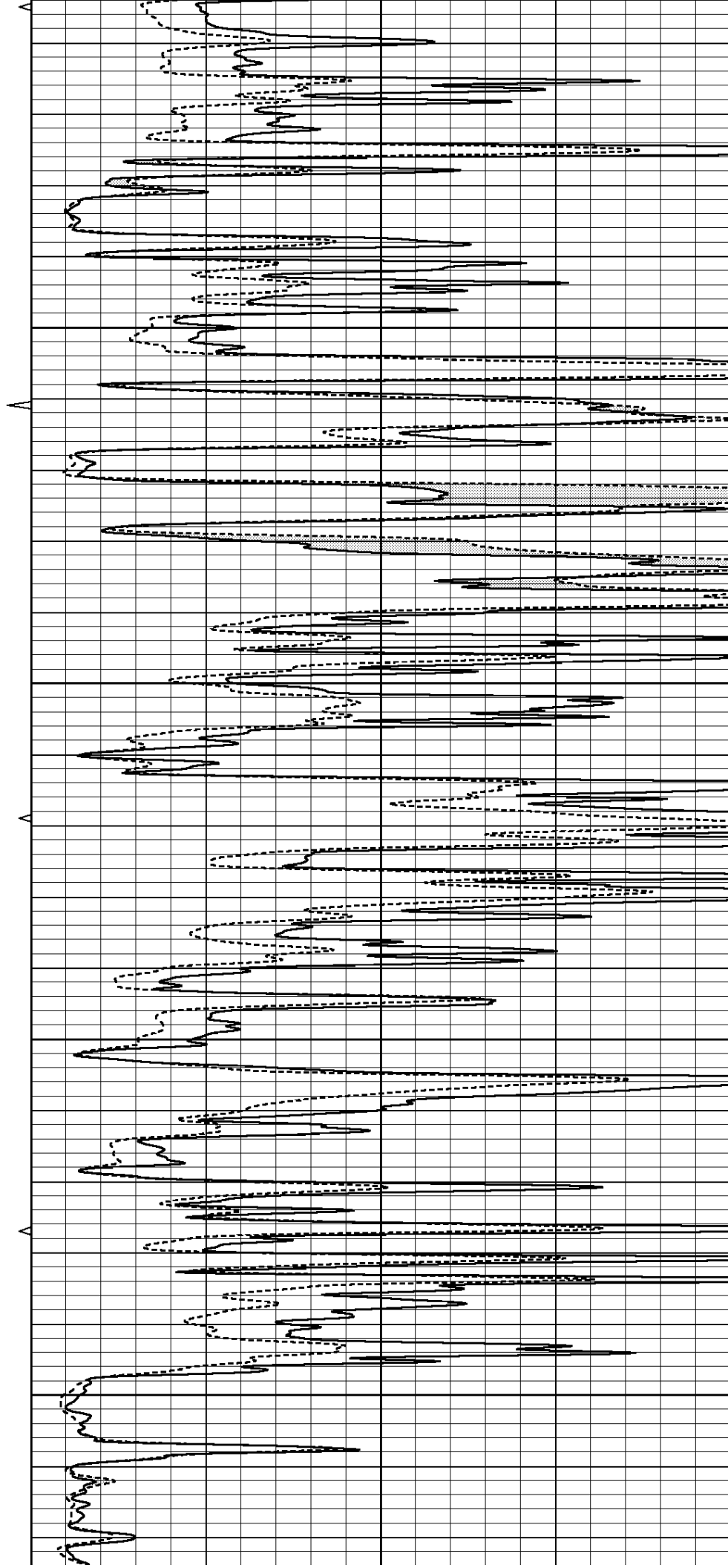


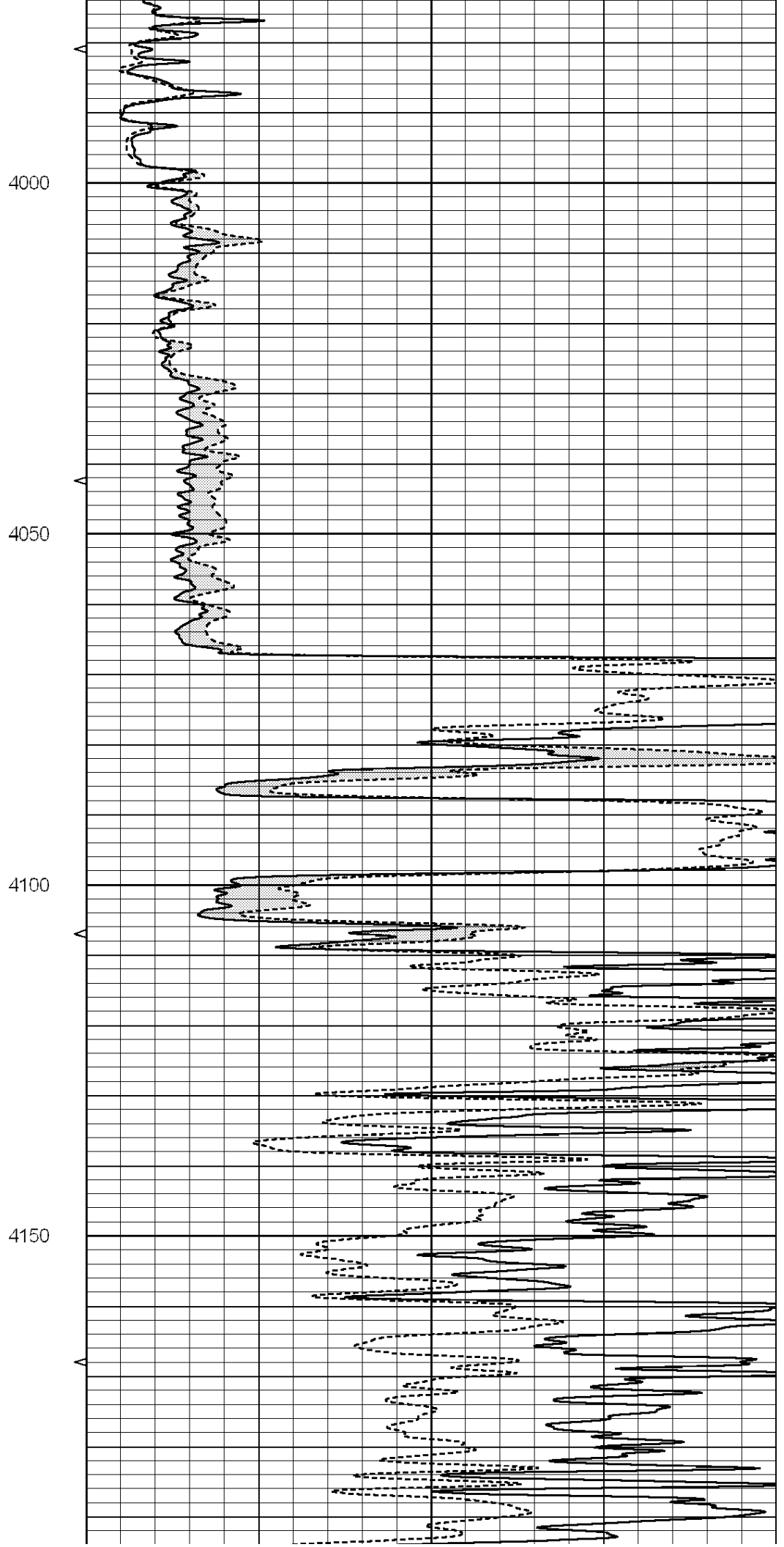
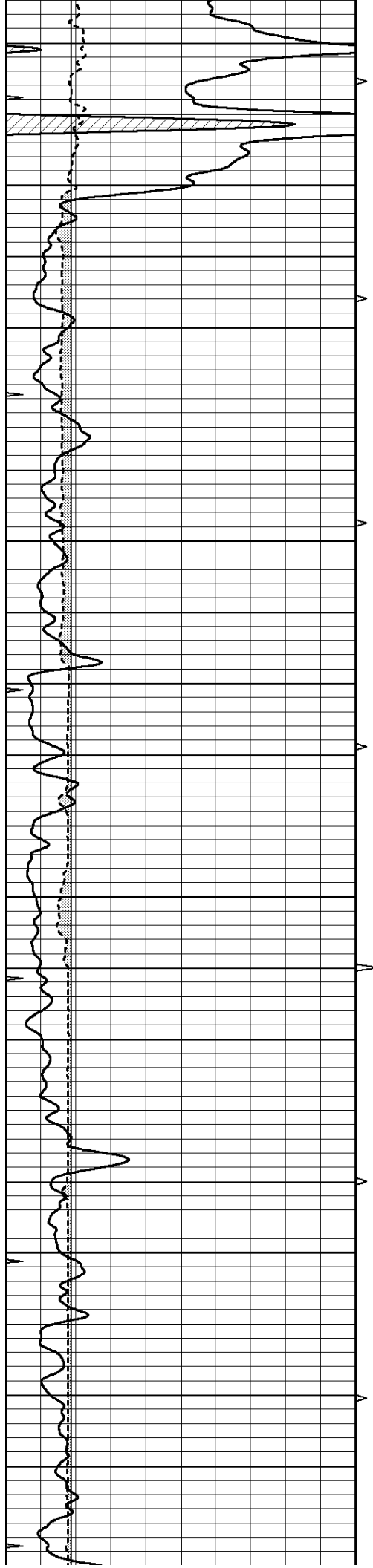
3800

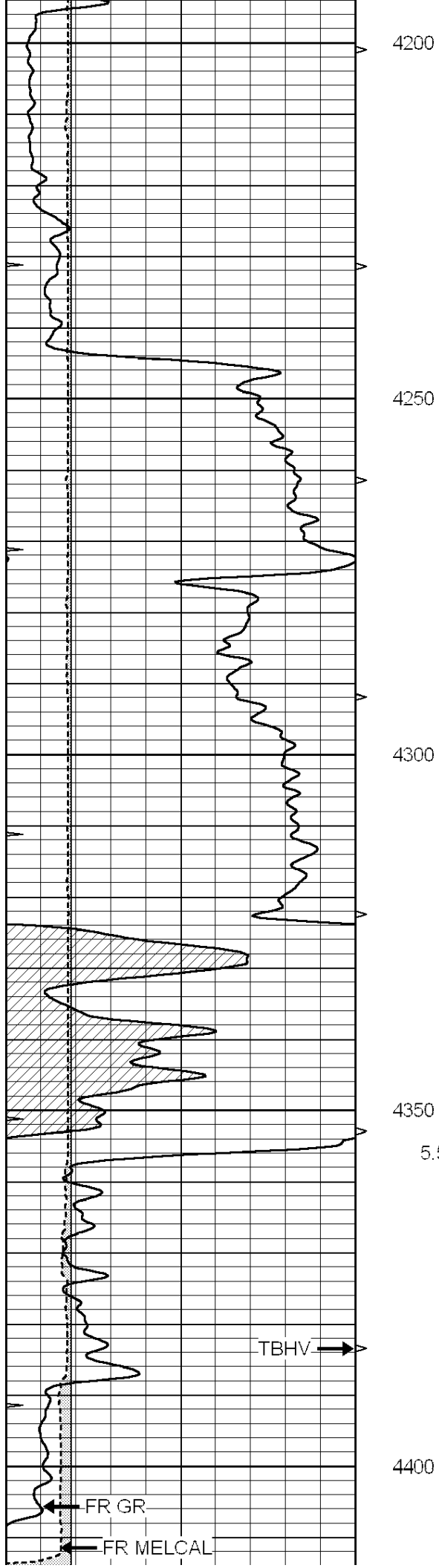
3850

3900

3950







4200

4250

4300

4350

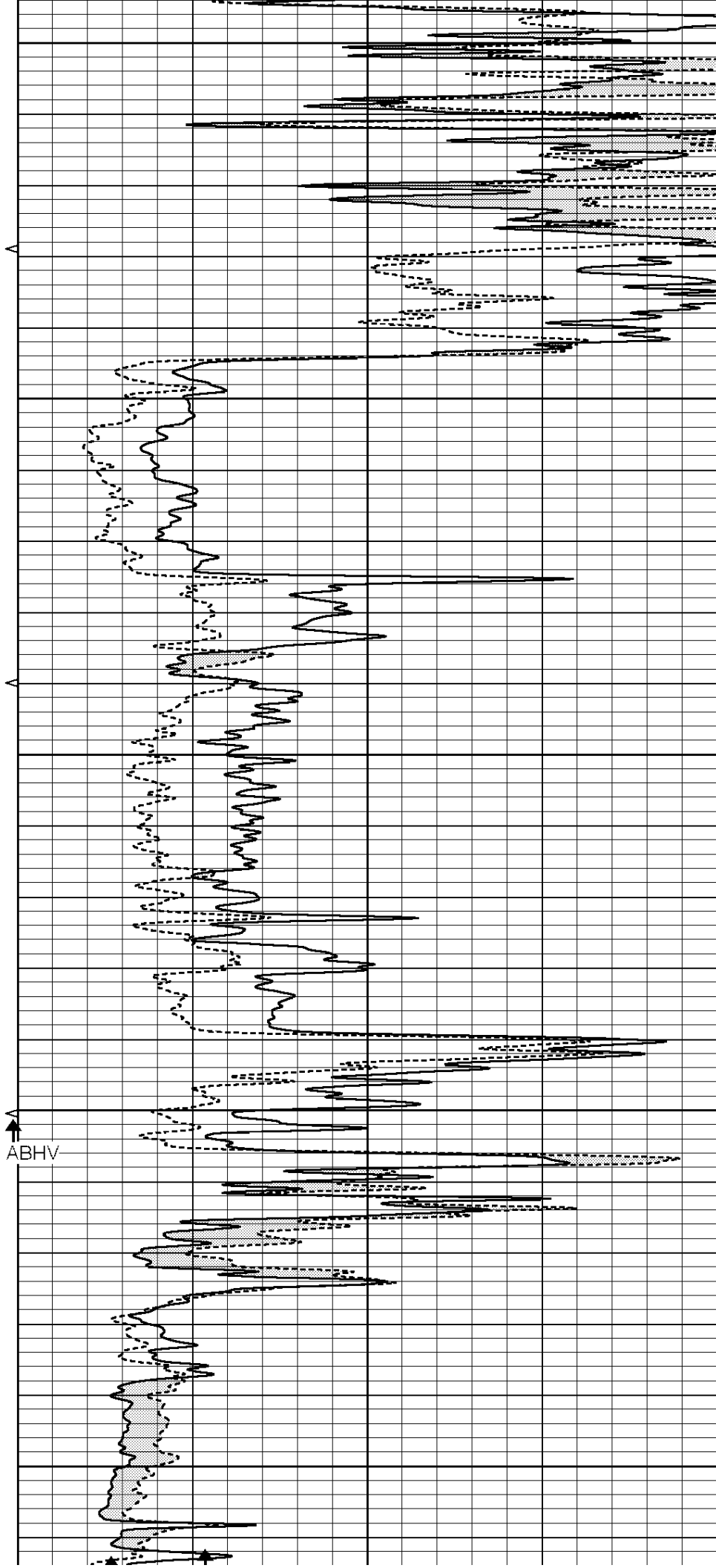
5.5" ABHV

4400

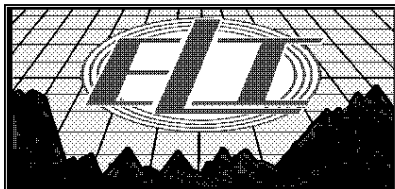
TBHV →

← FR GR

← FR MELCAL



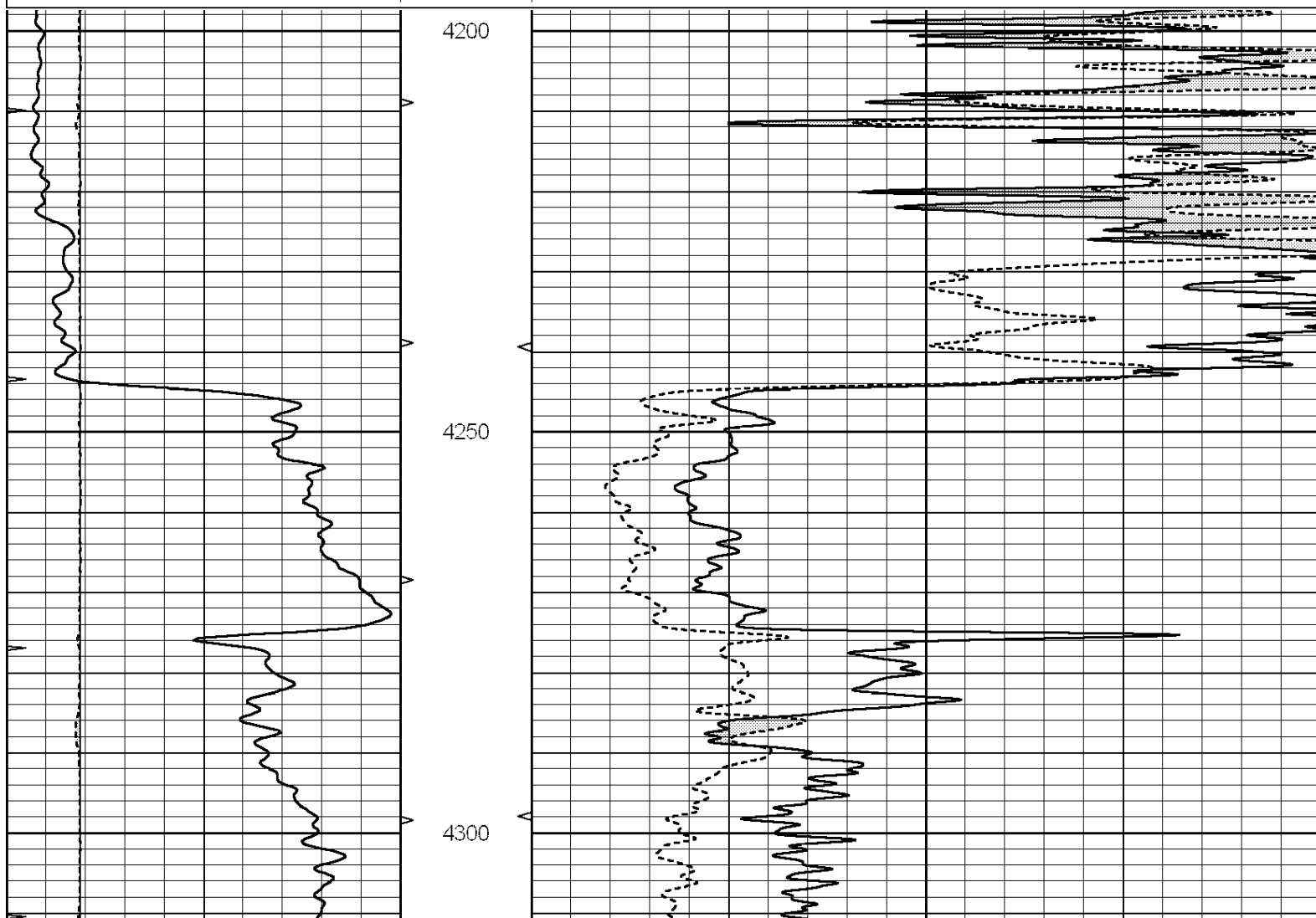
										LTD 4428		MEL 20										MEL1.5															
0		GAMMA RAY (GAPI)								150		ABHV		0		MEL1.5 (Ohm-m)																		40			
6		CALIPER (in)								16		10 (ft3)		0		0		MEL 20 (Ohm-m)																		40	
0		MINMK								20		TBHV																									
												0 (ft3)		10																							

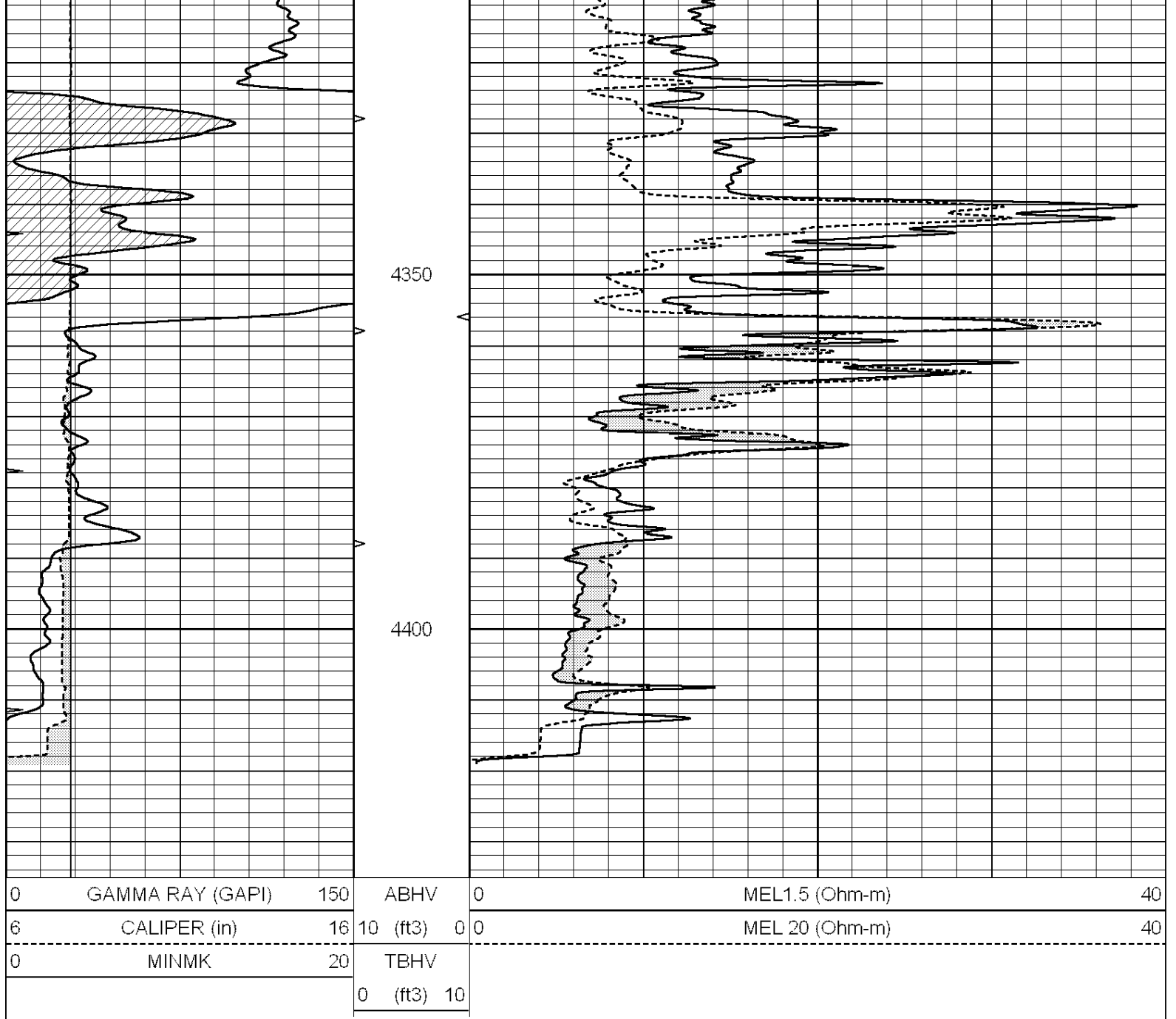


REPEAT SECTION

Database File: 4394pe.db
 Dataset Pathname: pass7.1
 Presentation Format: micro
 Dataset Creation: Sat Dec 21 01:32:43 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			





Calibration Report

Database File: 4394pe.db
 Dataset Pathname: pass8.2
 Dataset Creation: Sat Dec 21 02:30:20 2019

MICRO Calibration Report

Serial Number: 070912
 Tool Model: ProbeN
 Performed: Sat Dec 21 01:31:44 2019

Caliper Calibration: Gain=3.413 Offset=0.643

	Low Cal	High Cal
References	7.400	16.000
Readings	1.980	4.500

1.5" Calibration: Gain=30.000 Offset=0.400

	Low Cal	High Cal
References	0.000	20.000
Readings	0.002	1.239

Readings:	0.002	0.200
2" Calibration:	Gain=54.000	Offset=-0.500
References	Low Cal	High Cal
Readings	0.000	20.000
	0.003	1.075
Gamma Ray Calibration Report		
Serial Number:	070559	
Tool Model:	OPEN_GR	
Performed:	Mon Dec 09 17:26:31 2019	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.2500	GAPI/cps