



MICRO LOG

Company	EDISON OPERATING COMPANY LLC		
Well	DUDREY #1-23		
Field	N/A		
County	STAFFORD	State	KANSAS
Location:	AP1 # : 15-185-24035-0000		Other Services CDL/CNL/DIL SONIC
911' FNL & 1590' FWL			
Permanent Datum	SEC 23	TWP 25S	RGE 13W
Log Measured From	GROUND LEVEL Elevation 1923		
Drilling Measured From	KELLY BUSHING 10' A.G.L. KELLY BUSHING		
Date	12/20/18		
Run Number	TWO		
Depth Driller	4350		
Depth Logger	4345		
Bottom Logged Interval	4325		
Top Log Interval	3000		
Casing Driller	8 5/8" @ 436		
Casing Logger	436		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.6/75		
pH / Fluid Loss	9.5/9.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.2 @ 62F		
Rmt @ Meas. Temp	.90 @ 62F		
Rmc @ Meas. Temp	1.44 @ 62F		
Source of Rmt / Rmc	MEASURED		
Rm @ BHT	.62 @ 119F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	///		
Maximum Recorded Temperature	119F		
Equipment Number	1523		
Location	HAYS, KANSAS		
Recorded By	GUS PFANENSTIEL		
Witnessed By	ADAM KENNEDY		

<<< Fold Here >>>

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, KS. (785) 628-6395

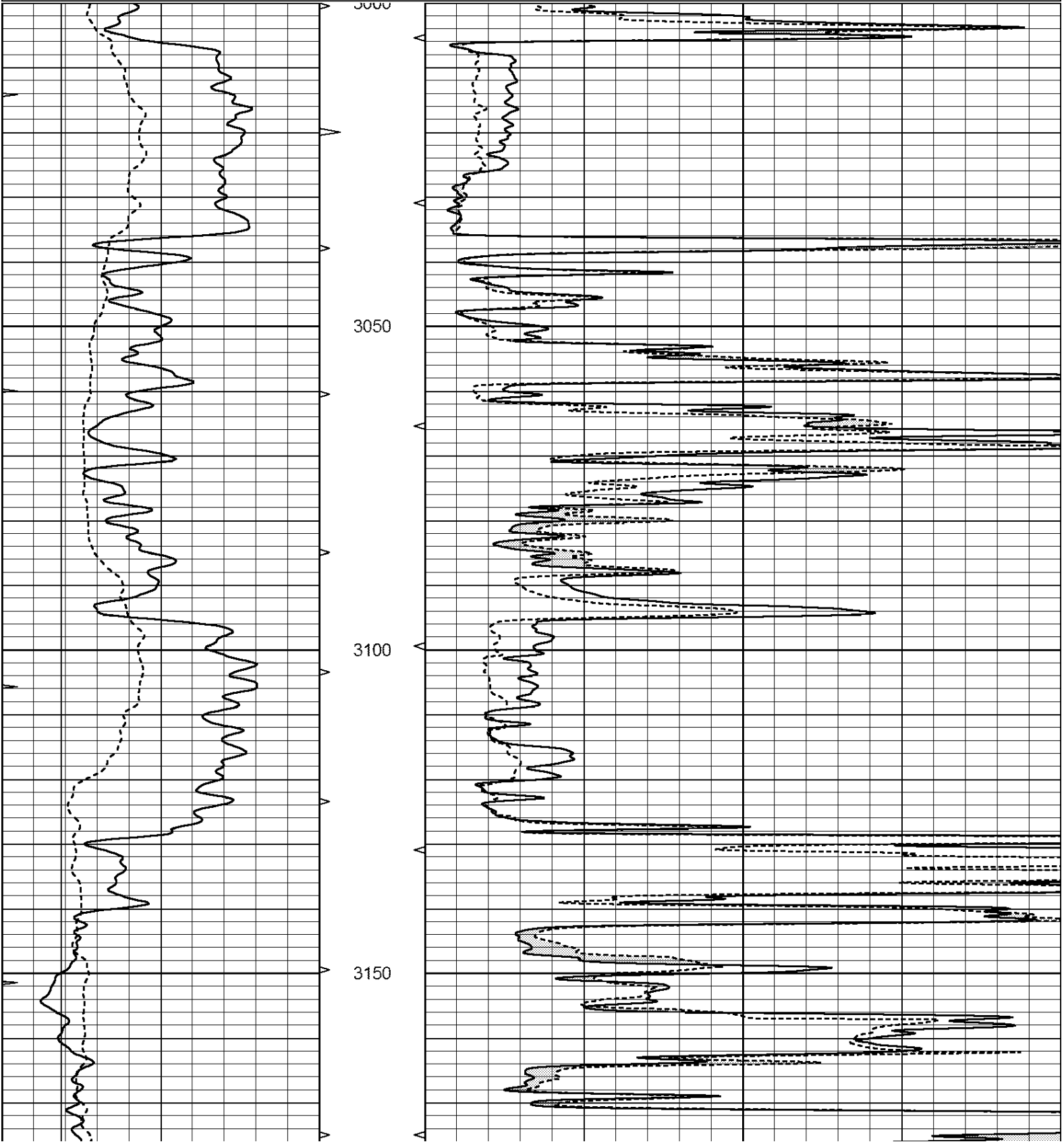
DIRECTIONS
ST. JOHN SOUTH TO 60 RD.
1 1/3 EAST, SOUTH INTO

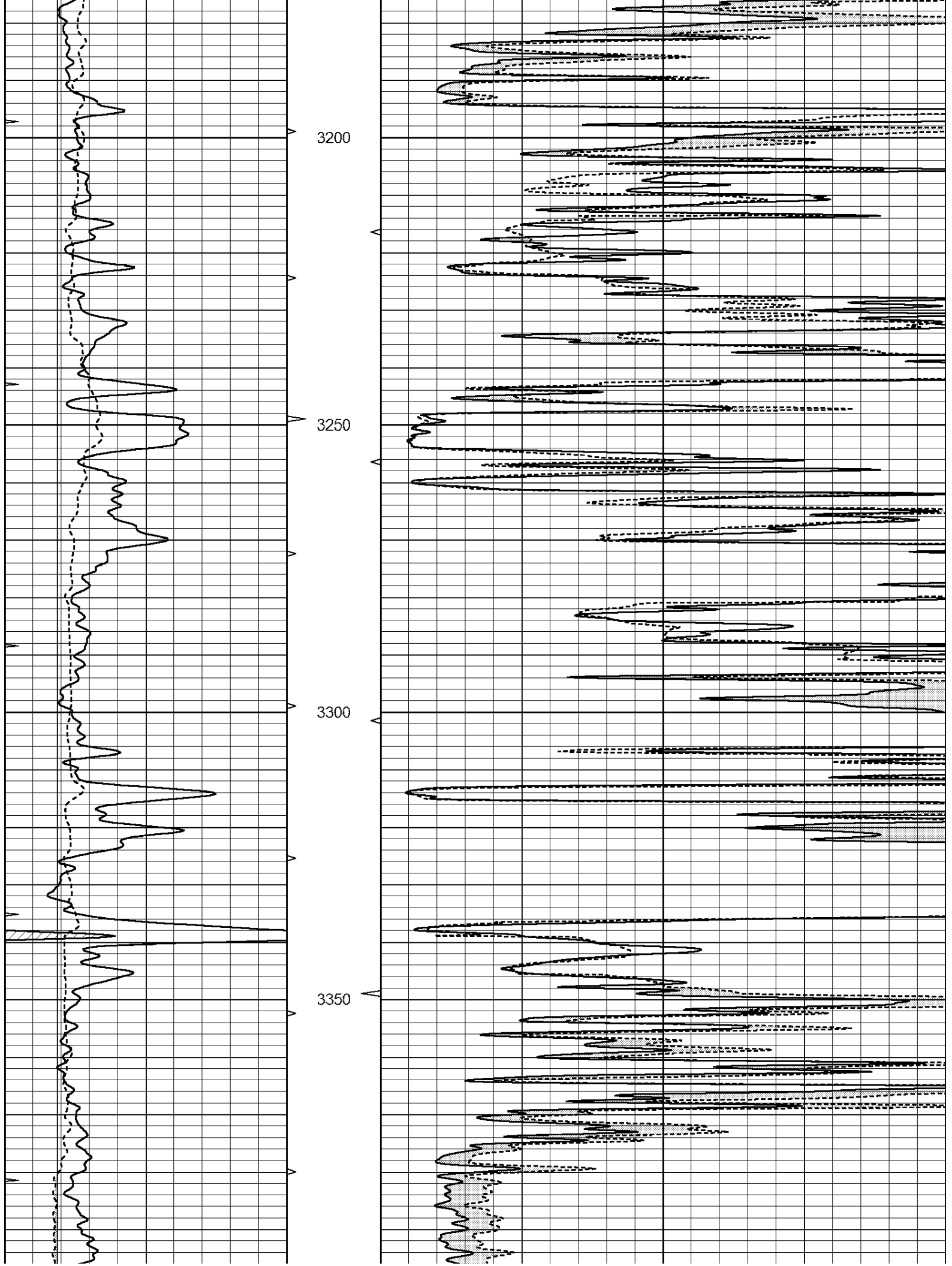


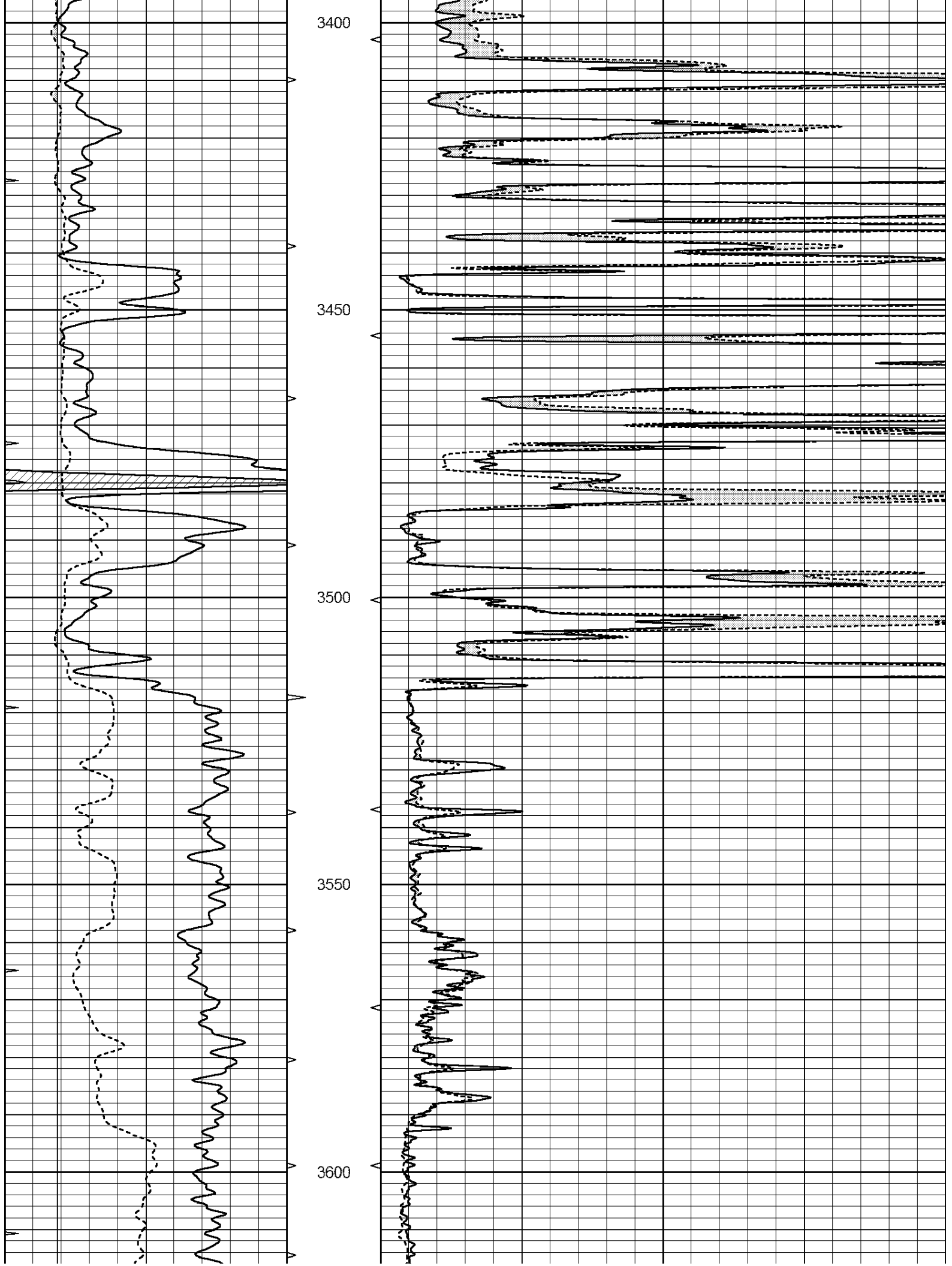
MAIN PASS

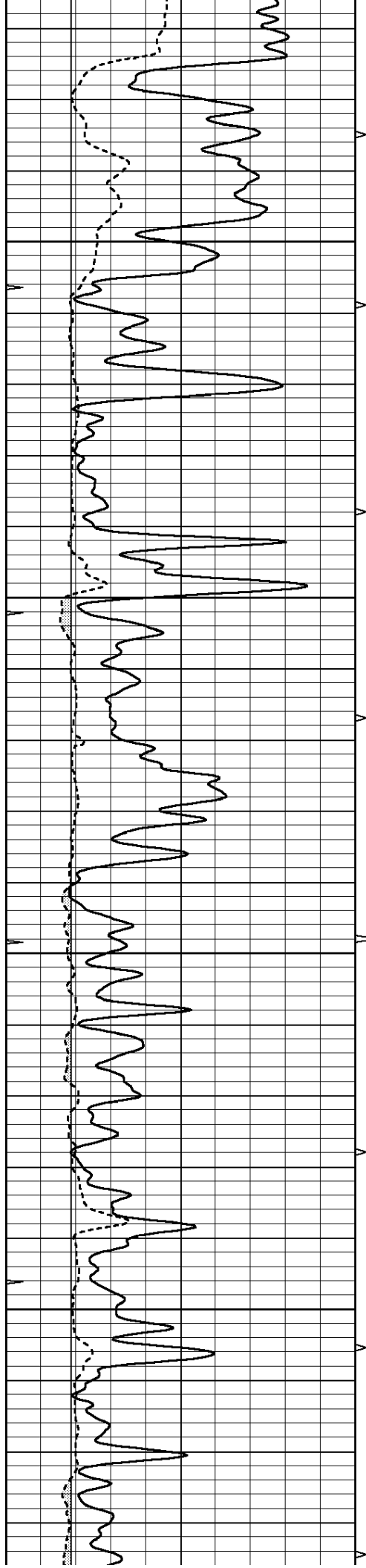
Database File: 3170pe.db
Dataset Pathname: pass5MIC
Presentation Format: _micro
Dataset Creation: Thu Dec 20 06:54:56 2018
Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		







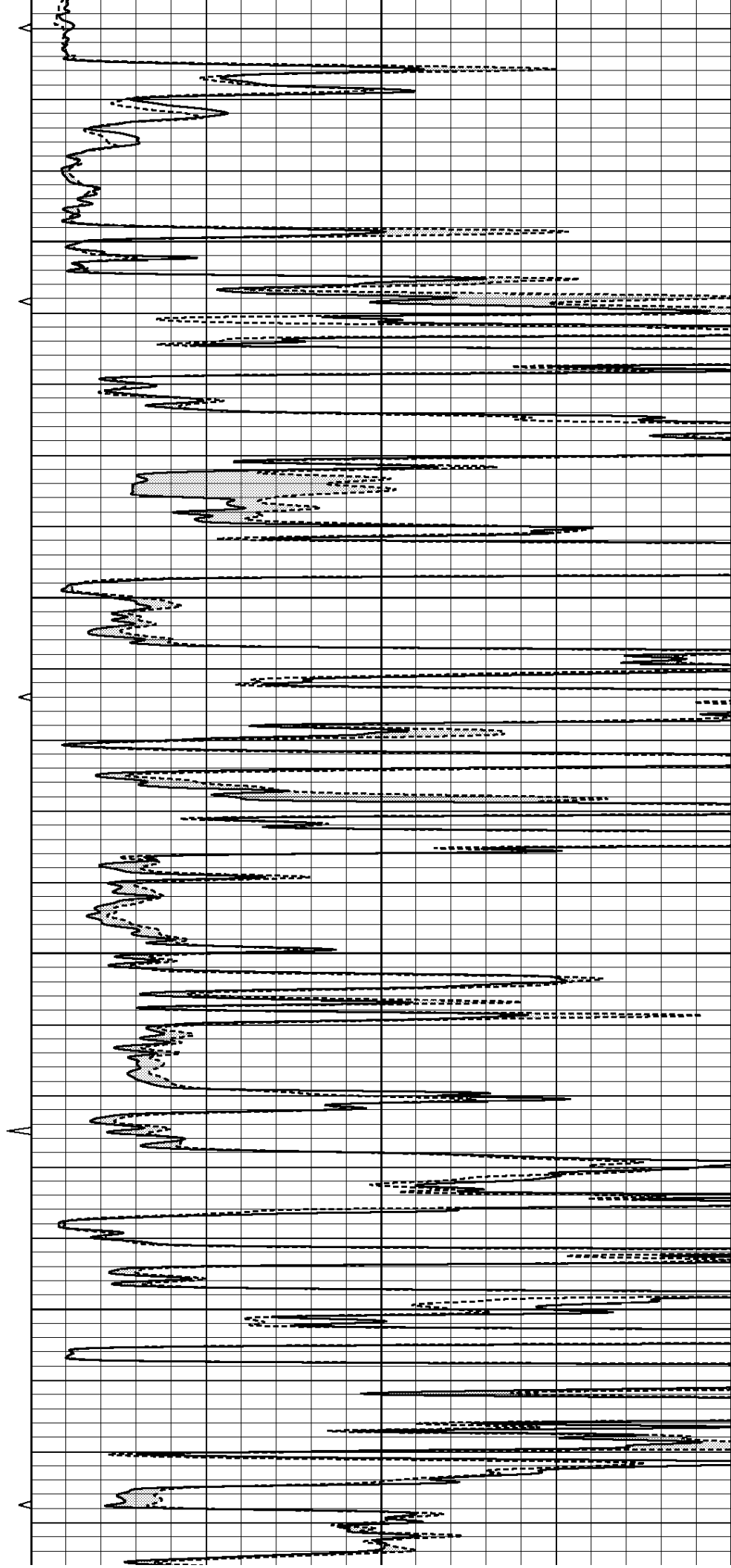


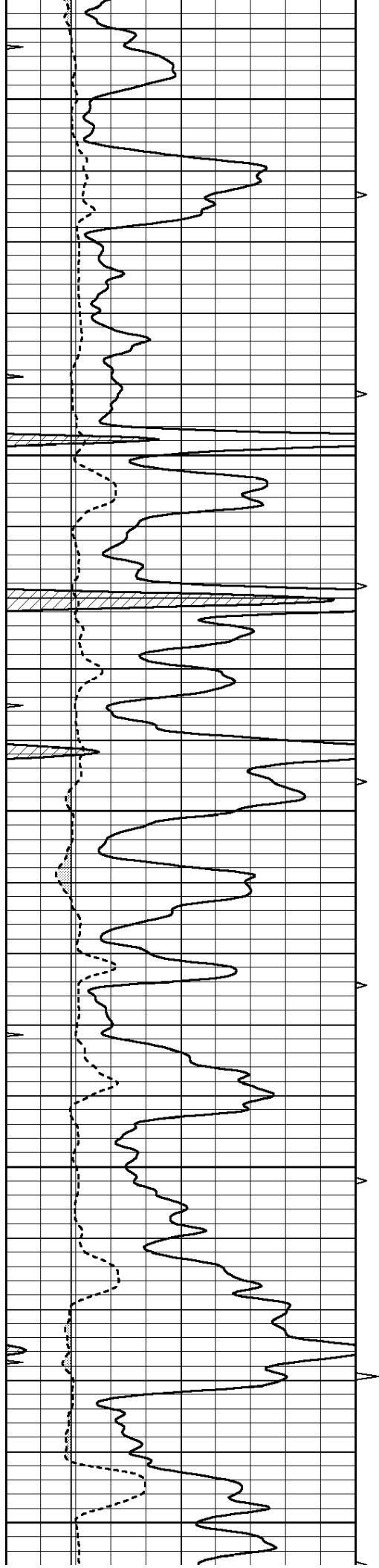
3650

3700

3750

3800





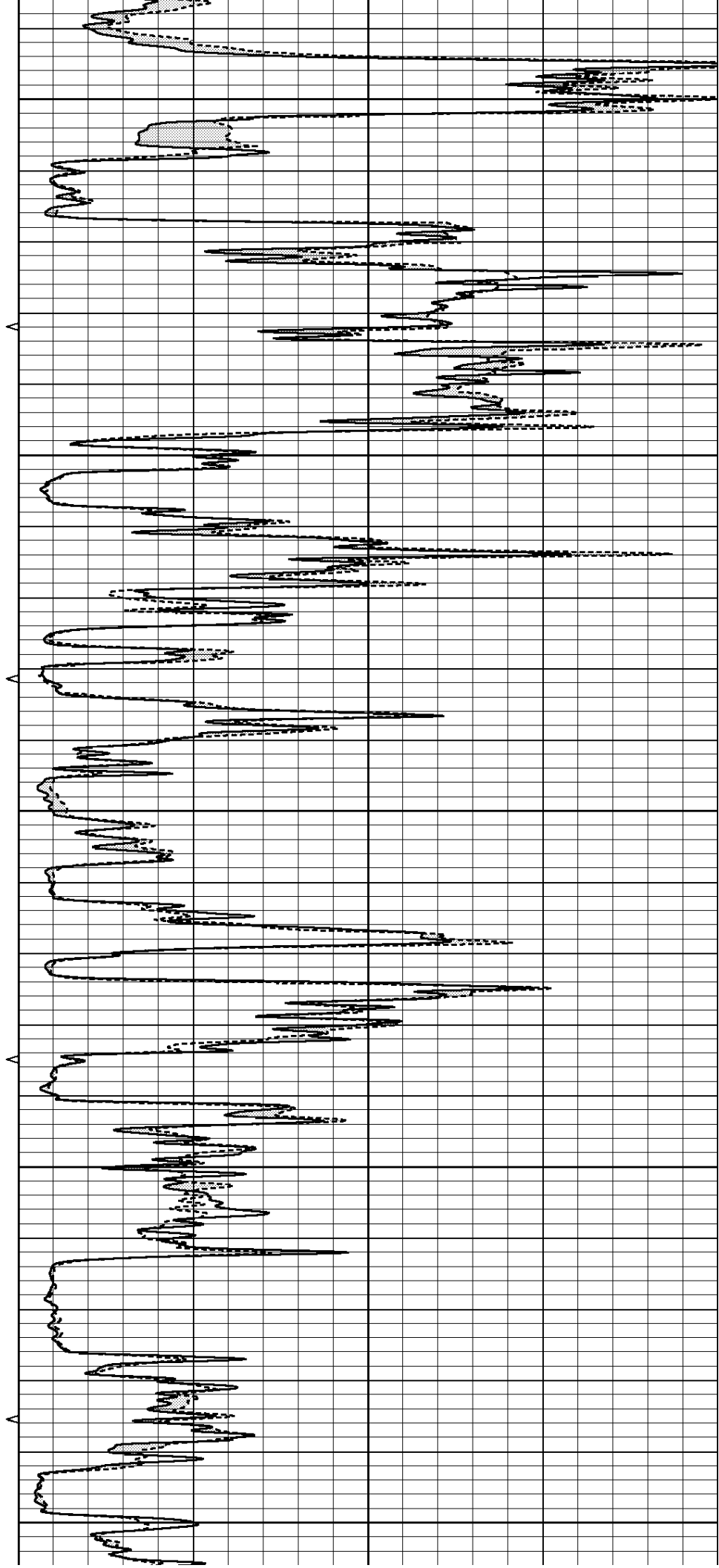
3850

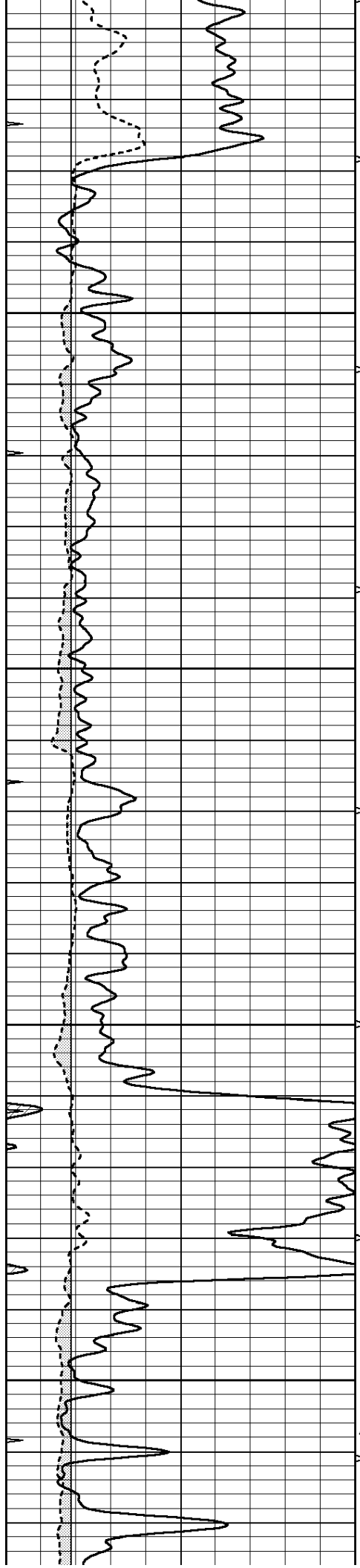
3900

3950

4000

4050





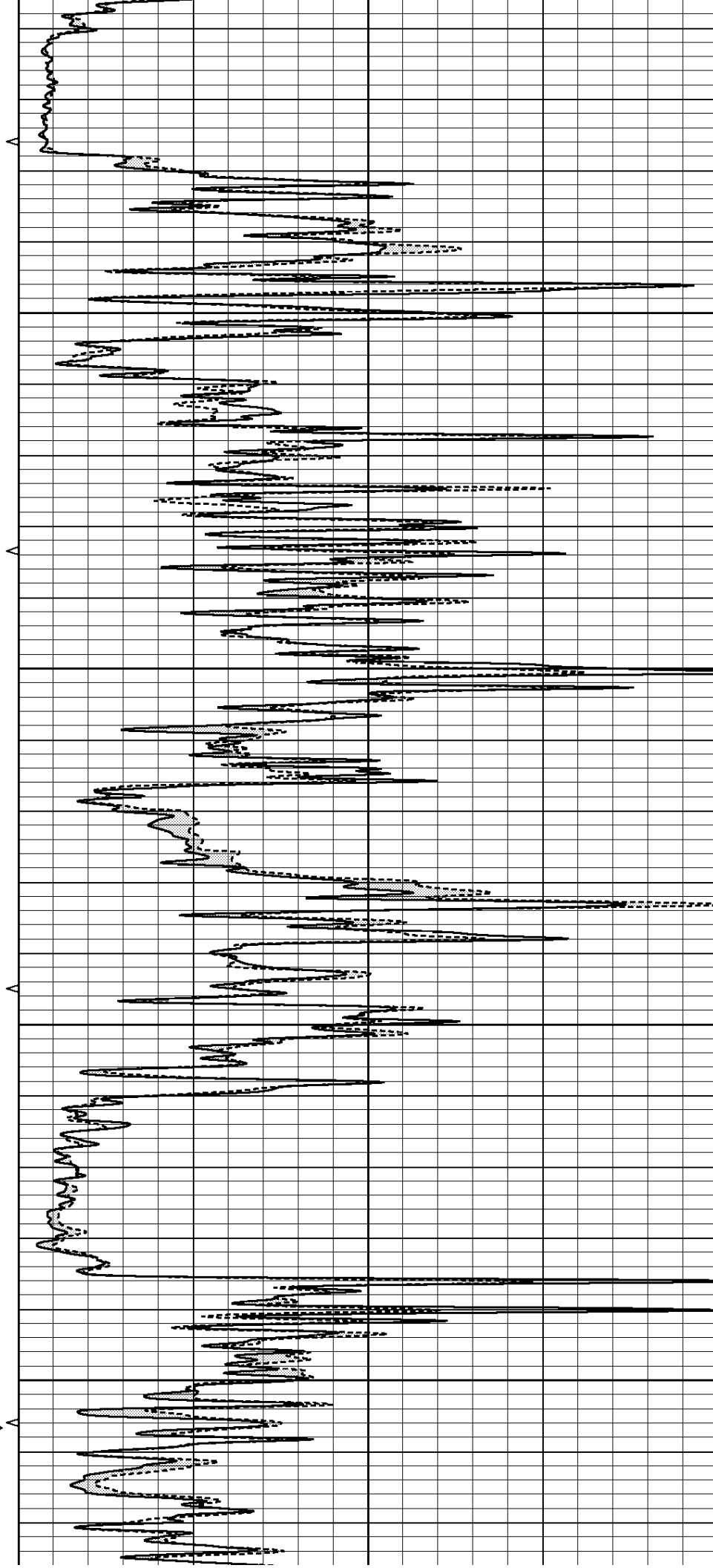
4100

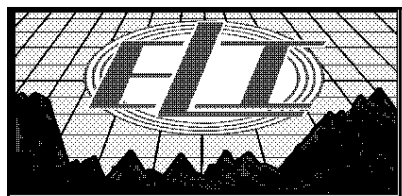
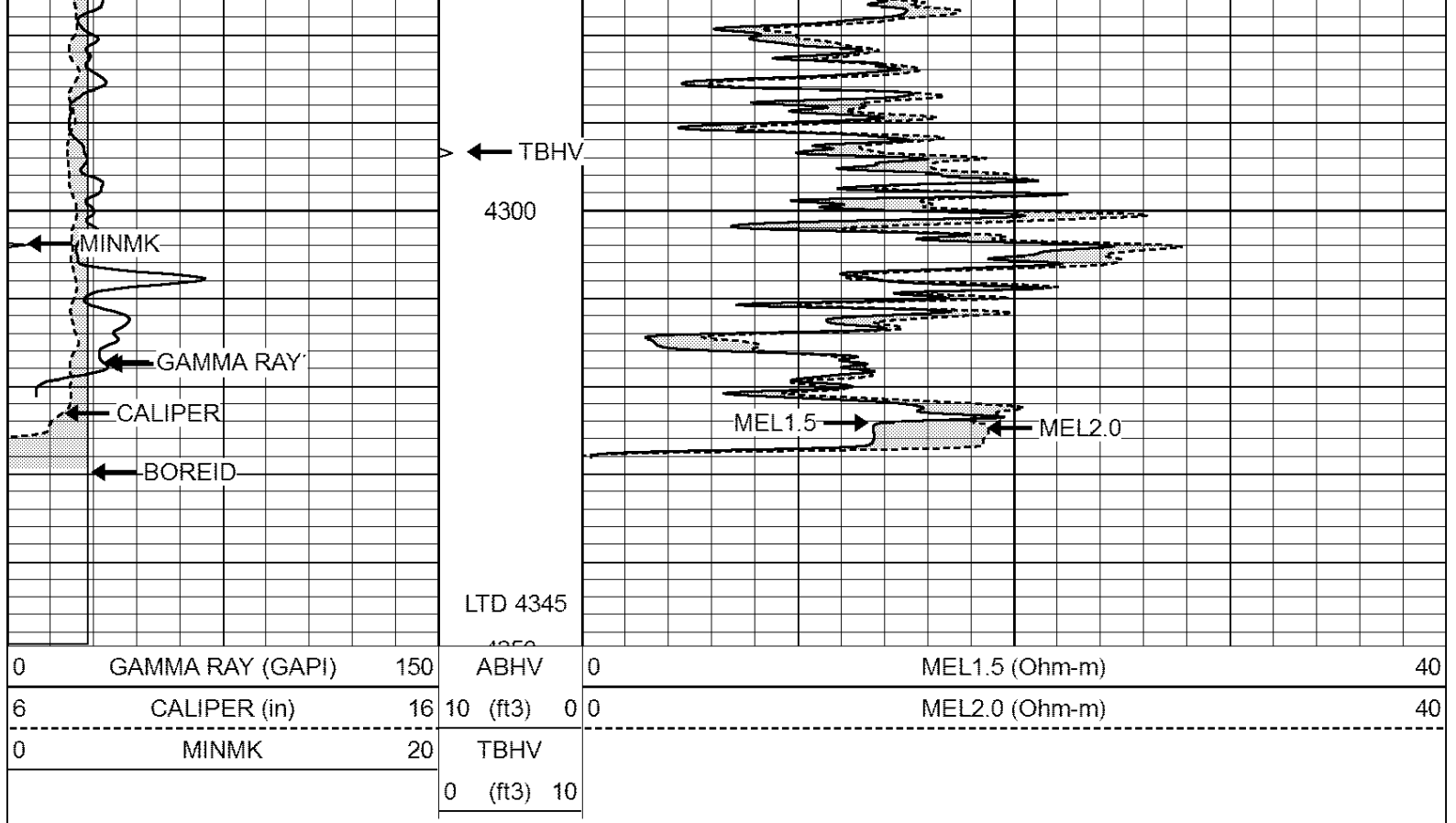
4150

4200

4250

ABHV →

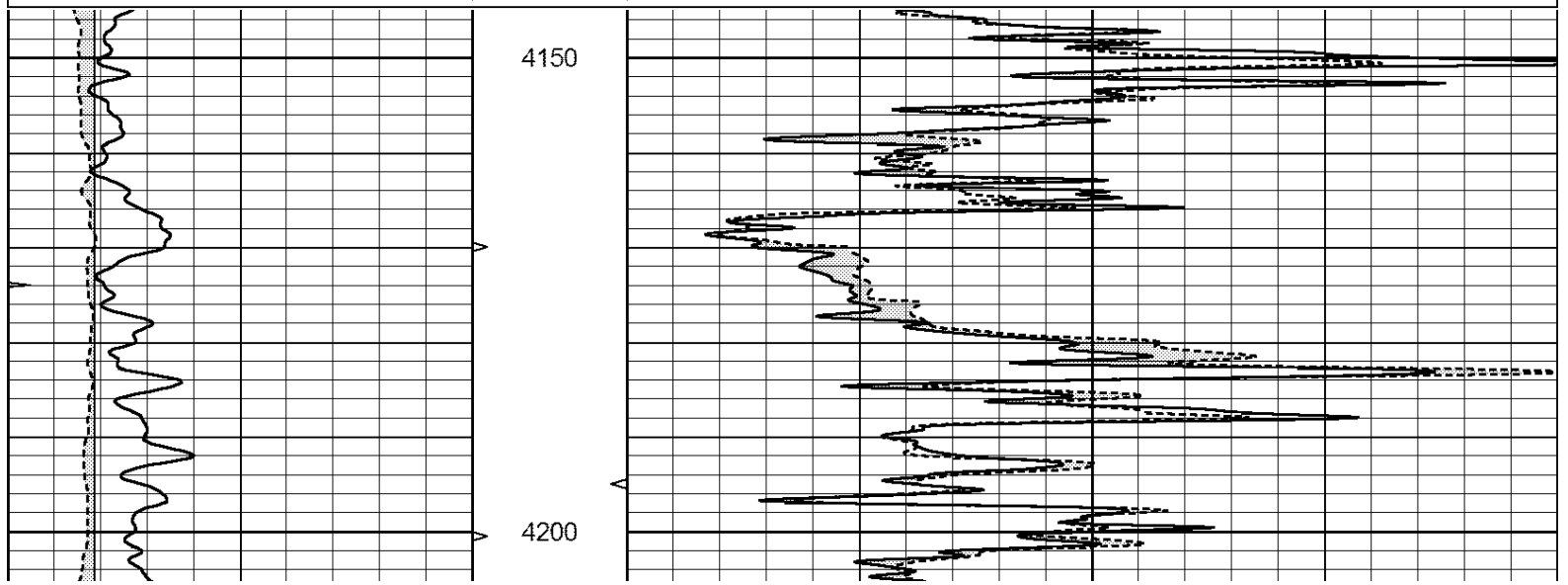


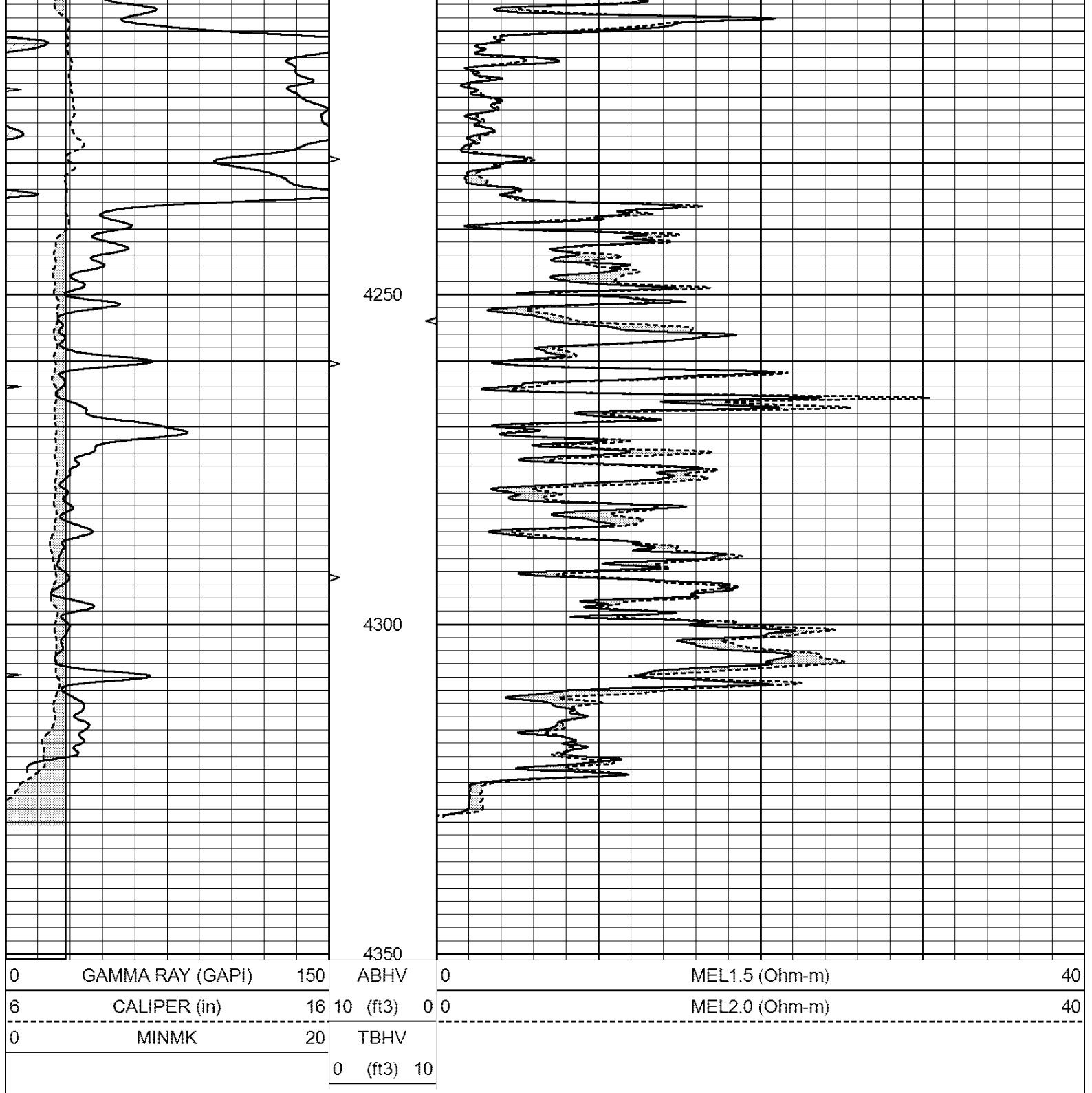


REPEAT SECTION

Database File: 3170pe.db
 Dataset Pathname: pass4.1
 Presentation Format: micro
 Dataset Creation: Thu Dec 20 07:06:01 2018
 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	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		





Calibration Report

Database File: 3170pe.db
Dataset Pathname: pass4.1
Dataset Creation: Thu Dec 20 07:06:01 2018

MICRO Calibration Report

Serial Number: MICRO3
Tool Model: PROBE
Performed: Thu Dec 20 05:52:11 2018

Caliper Calibration: Gain=5.761 Offset=-23.102

References Low Cal 7.000 High Cal 14.000

Readings	5.339	6.500
1.5" Calibration:	Gain=120.000	Offset=0.400
References	Low Cal 0.000	High Cal 20.000
Readings	0.004	0.228
2" Calibration:	Gain=125.553	Offset=-0.220
References	Low Cal 0.000	High Cal 20.000
Readings	0.005	0.175
Gamma Ray Calibration Report		
Serial Number:	GR5	
Tool Model:	OPEN	
Performed:	Sun Sep 30 12:56:34 2018	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.5800	GAPI/cps