



**COMPLETION  
& PRODUCTION  
SERVICES CO.**

**MICRO  
LOG**

Company WHITE EXPLORATION, INC.  
Well CHAIN RANCH "D" #1-X  
Field  
County BARBER State KANSAS

Company WHITE EXPLORATION, INC.  
Well CHAIN RANCH "D" #1-X  
Field  
County BARBER  
State KANSAS

Location: API #: 15-007-24020-00-00  
430' FNL & 1400' FWL  
SEC 7 TWP 31S RGE 11W  
GROUND LEVEL Elevation 1644  
Log Measured From KELLY BUSHING 10' A.G.L.  
Drilling Measured From KELLY BUSHING  
Other Services  
CDL/CNL/PE  
DIL/SON  
Elevation  
K.B. 1654  
D.F. 1652  
G.L. 1644

Date	5/10/13		
Run Number	TW0		
Depth Driller	4525		
Depth Logger	4526		
Bottom Logged Interval	4508		
Top Log Interval	3000		
Casing Driller	309		
Casing Logger	308		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 6.000	
Density / Viscosity	9.7 / 47		
pH / Fluid Loss	9.0 / 13.4		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.65 @ 79F		
Rmf @ Meas. Temp	0.49 @ 79F		
Rmc @ Meas. Temp	0.78 @ 79F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	0.42 @ 121F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	121F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	JEFF GRONEWEG		
Witnessed By	TOM WILLIAMS		

<<< 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**

**NABORS COMPLETION & PRODUCTION SERVICES**

**785-628-6395**

**THANK YOU FOR YOUR BUSINESS**

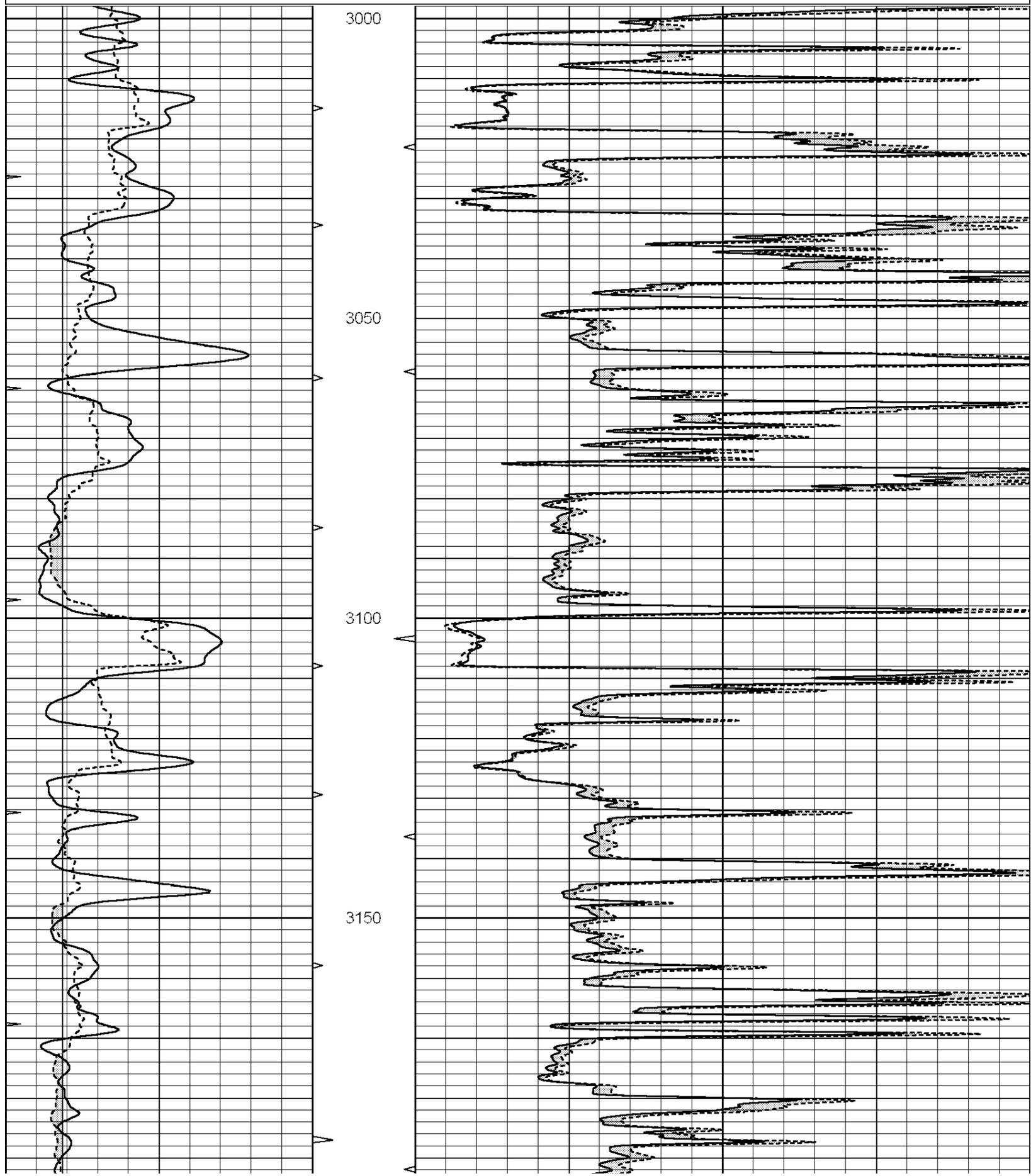
**DIRECTIONS: PRATT, KS - 23 MILES SOUTH TO ADLEE RD - 2 MILES EAST TO ISABEL RD  
1 1/4 NORTH TO LEASE RD - 2.5 MILES WEST - SOUTH - NORTH - EAST - NORTH - WEST INTO**

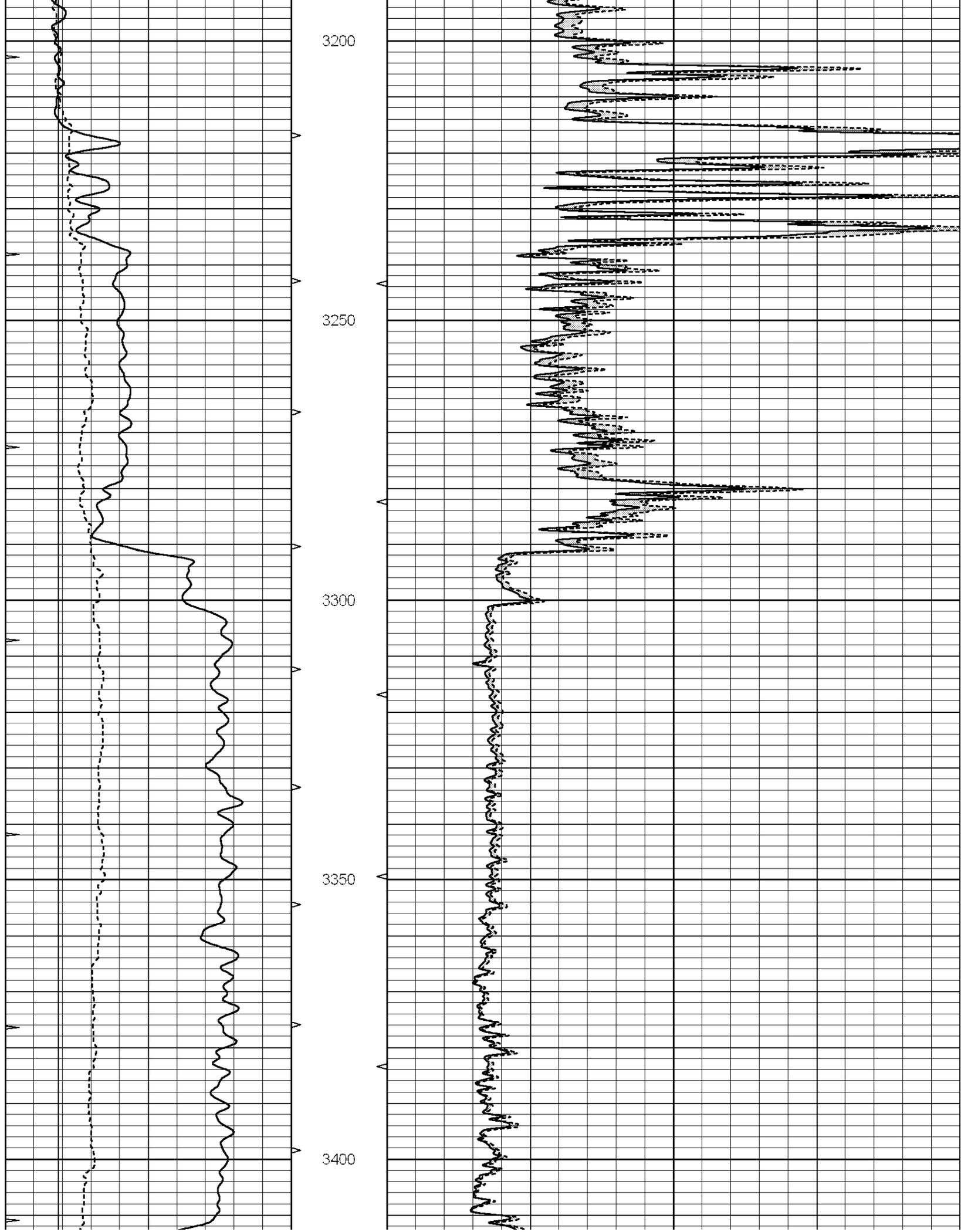
Charted by:

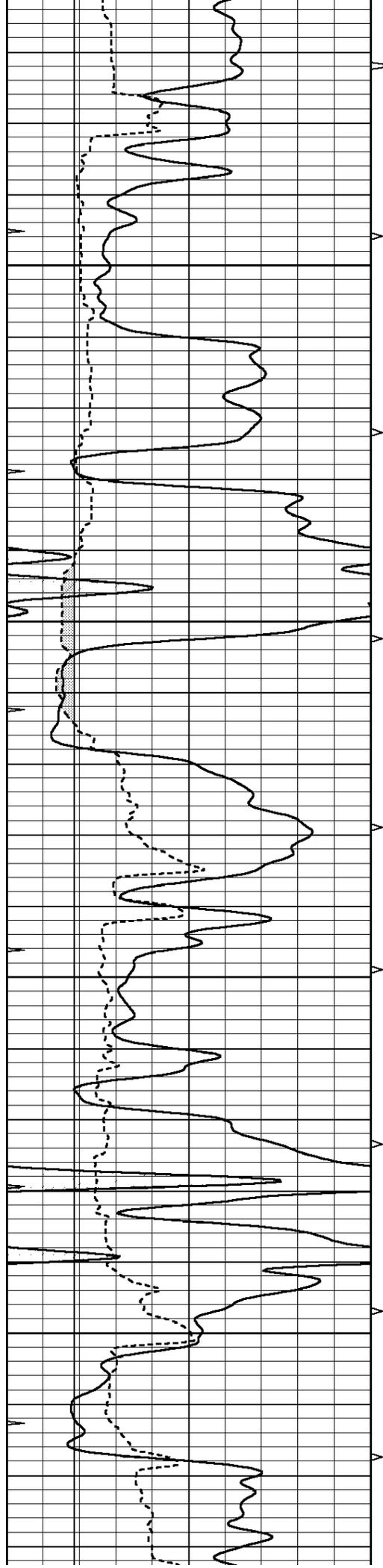
Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
6	MELCAL (in)	16
0	MINMK	20

0	MEL1.5 (Ohm-m)	40
0	MEL2.0 (Ohm-m)	40





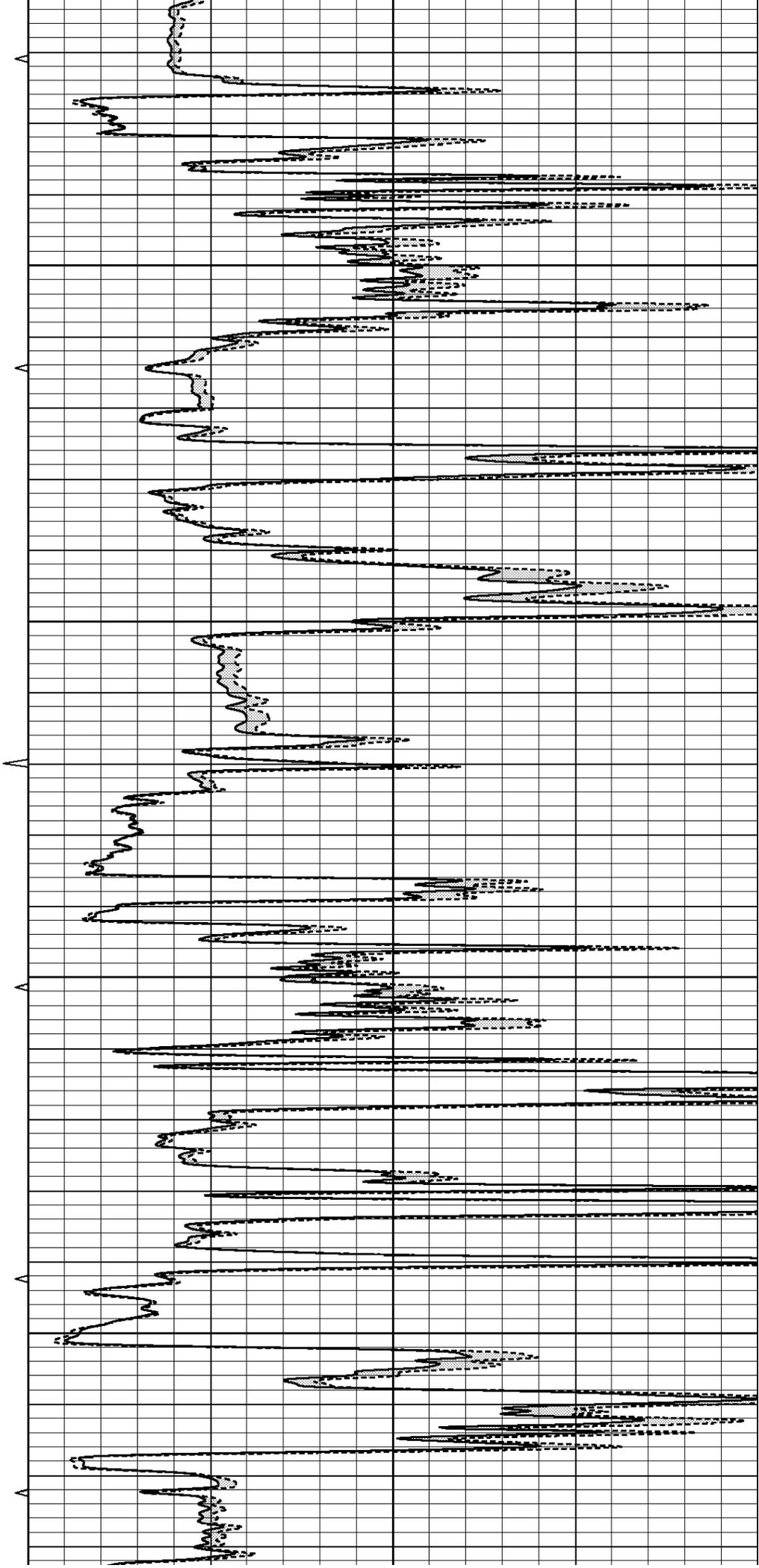


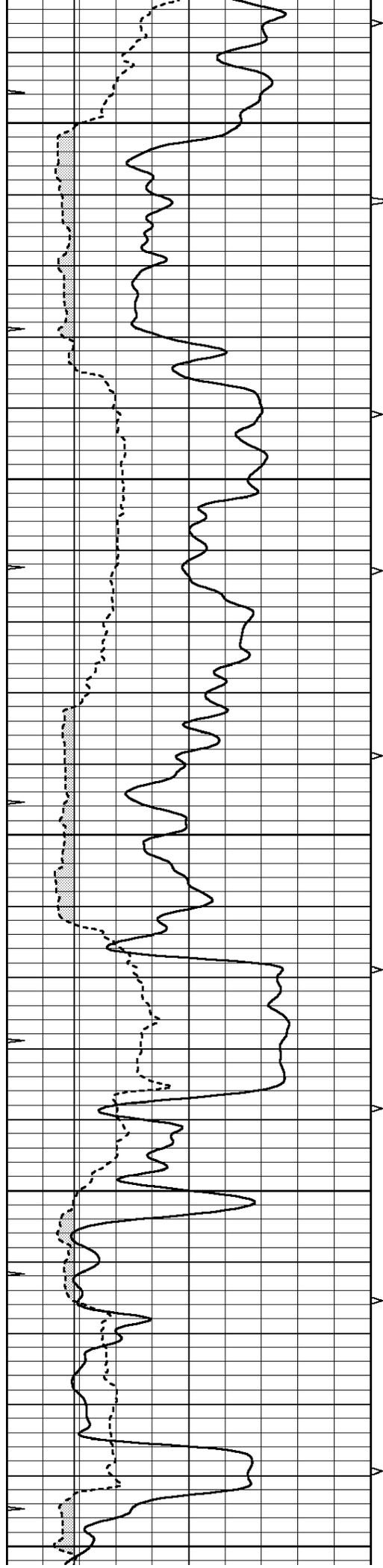
3450

3500

3550

3600





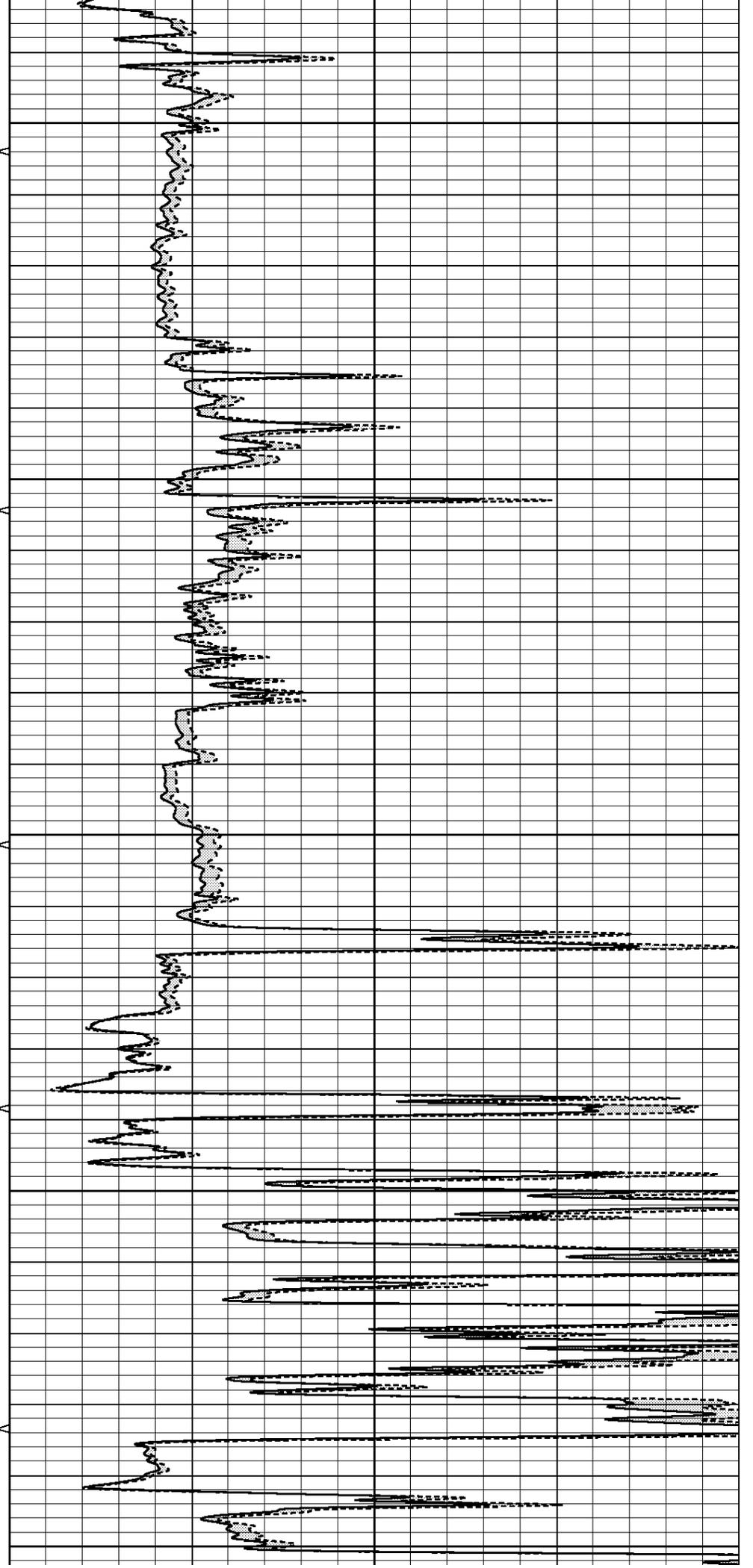
3650

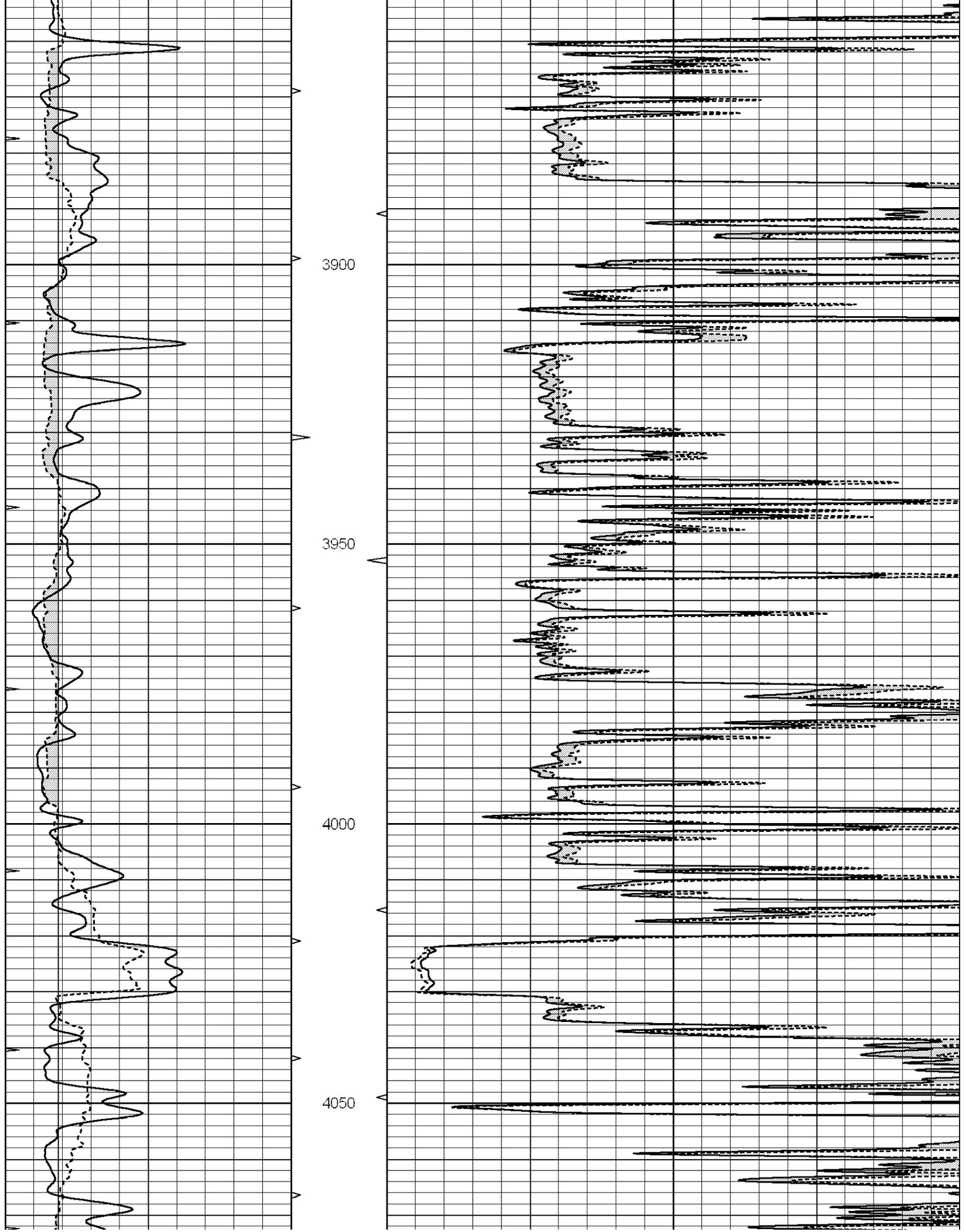
3700

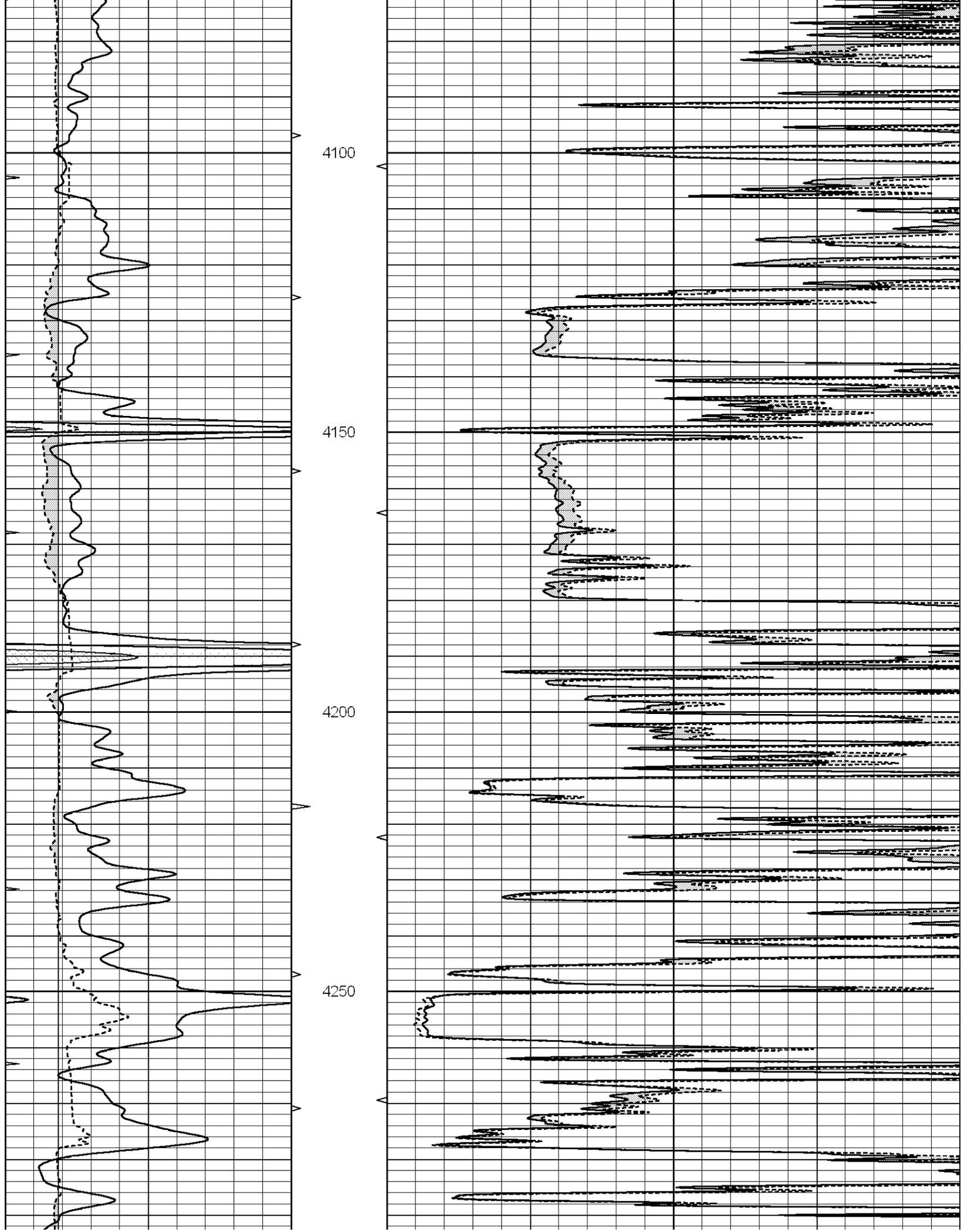
3750

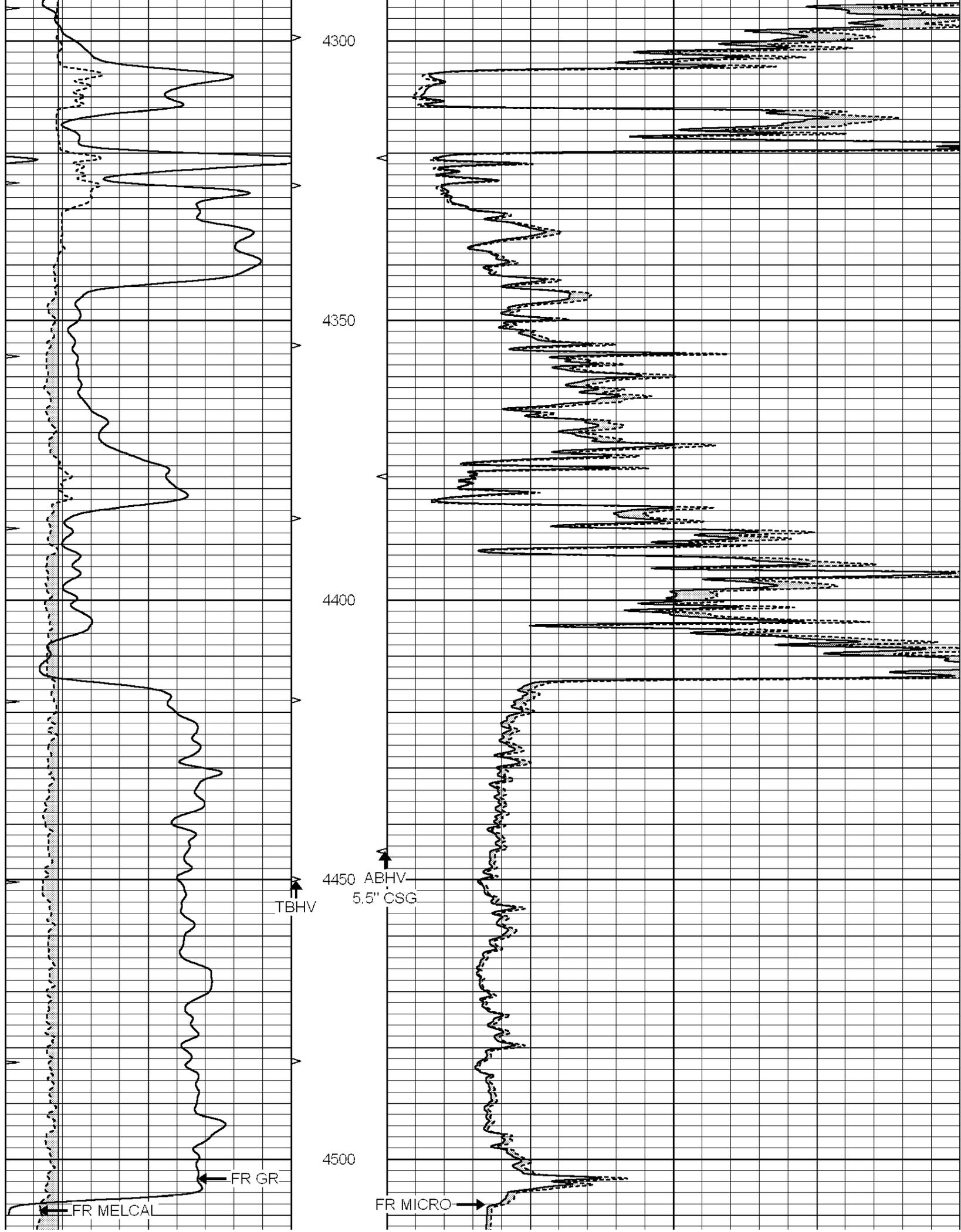
3800

3850









LTD 4526

0	GAMMA RAY (GAPI)	150
6	MELCAL (in)	16
0	MINMK	20

0	MEL1.5 (Ohm-m)	40
0	MEL2.0 (Ohm-m)	40

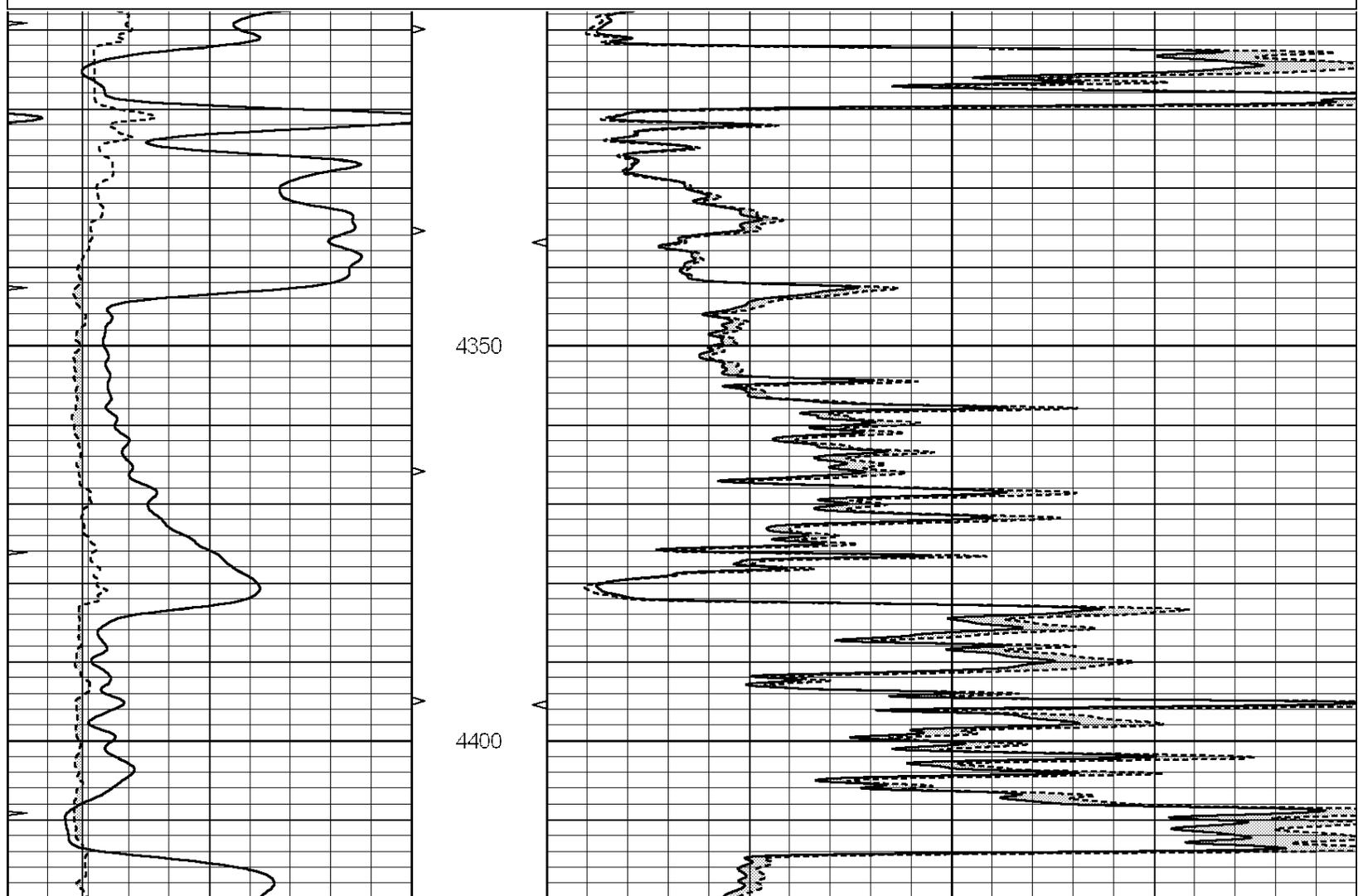


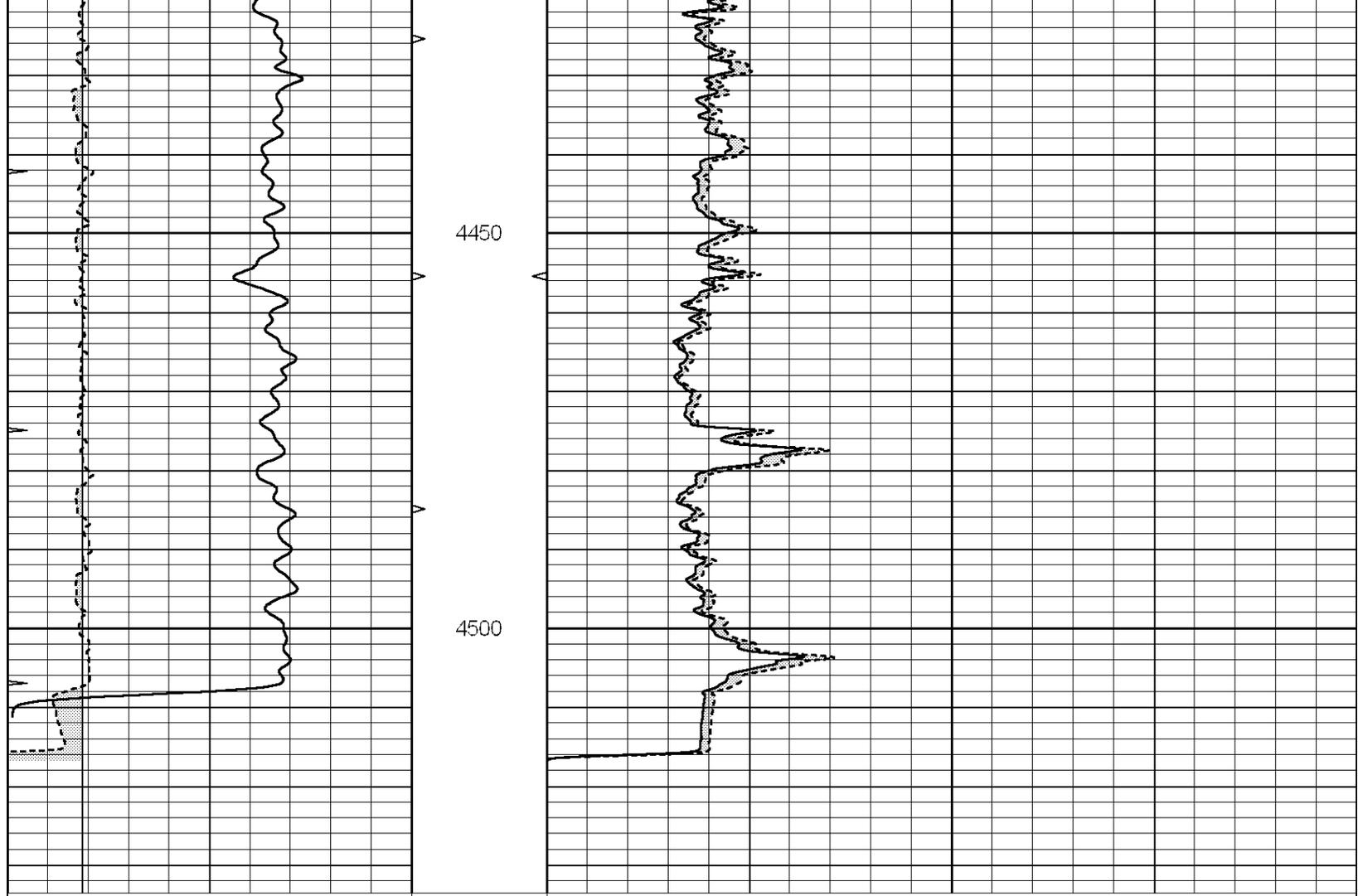
# REPEAT SECTION

Database File: 010176.db  
Dataset Pathname: pass5.3  
Presentation Format: \_micro  
Dataset Creation: Sat May 11 01:19:14 2013 by Calc Open-Cased 090629  
Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
6	MELCAL (in)	16
0	MINMK	20

0	MEL1.5 (Ohm-m)	40
0	MEL2.0 (Ohm-m)	40





0	GAMMA RAY (GAPI)	150	0	MEL1.5 (Ohm-m)	40
6	MELCAL (in)	16	0	MEL2.0 (Ohm-m)	40
0	MINMK	20			

### Calibration Report

Database File: 010176.db  
 Dataset Pathname: pass6.2  
 Dataset Creation: Sat May 11 01:10:11 2013 by Calc Open-Cased 090629

### MICRO Calibration Report

Serial Number:	MICRO4	
Tool Model:	PROBE	
Performed:	Tue Apr 23 16:01:43 2013	
Caliper Calibration:	Gain=2.725	Offset=-7.214
References	Low Cal	High Cal
Readings	8.500	14.000
	5.584	7.602
1.5" Calibration:	Gain=40.000	Offset=0.000
References	Low Cal	High Cal
Readings	0.000	20.000
	0.009	1.541
2" Calibration:	Gain=42.000	Offset=-0.750

	Low Cal	High Cal
References	0.000	20.000
Readings	0.004	1.198

Gamma Ray Calibration Report

Serial Number:	GR2	
Tool Model:	OPEN	
Performed:	Sat Jan 19 22:43:37 2013	
Calibrator Value:	200.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	740.0	cps
Sensitivity:	0.3100	GAPI/cps