



SUPERIOR
Hays,
Kansas

MICRO LOG

Company **RED OAK ENERGY, INC.**
Well **FRAHM #1-19**
Field **WILDCAT**
County **THOMAS** State **KANSAS**

Location: **API # : 15-193-20776**
220' FSL & 400' FWL
SEC 19 TWP 8S RGE 34W
Permanent Datum **GROUND LEVEL** Elevation **3255**
Log Measured From **KELLY BUSHING 6' A.G.L.**
Drilling Measured From **KELLY BUSHING**
Other Services
CDL/CNL
DIL/MEL
Elevation
K.B. 3261
D.F.
G.L. 3255

Date	6-29-10		
Run Number	TVMO		
Depth Driller	4810		
Depth Logger	4810		
Bottom Logged Interval	4793		
Top Log Interval	3600		
Casing Driller	361		
Casing Logger	361		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES: 5000 ppm	
Density / Viscosity	9.3 / 55		
pH / Fluid Loss	11.0 / 6.8		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.65 @ 102F		
Rmf @ Meas. Temp	0.49 @ 102F		
Rmc @ Meas. Temp	0.78 @ 102F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.540 @ 123F		
Time Circulation Stopped	3 HOURS		
Time Logger on Bottom	4:00 P.M.		
Maximum Recorded Temperature	123F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	SEAN DEENIHAN	KEVIN DAVIS	

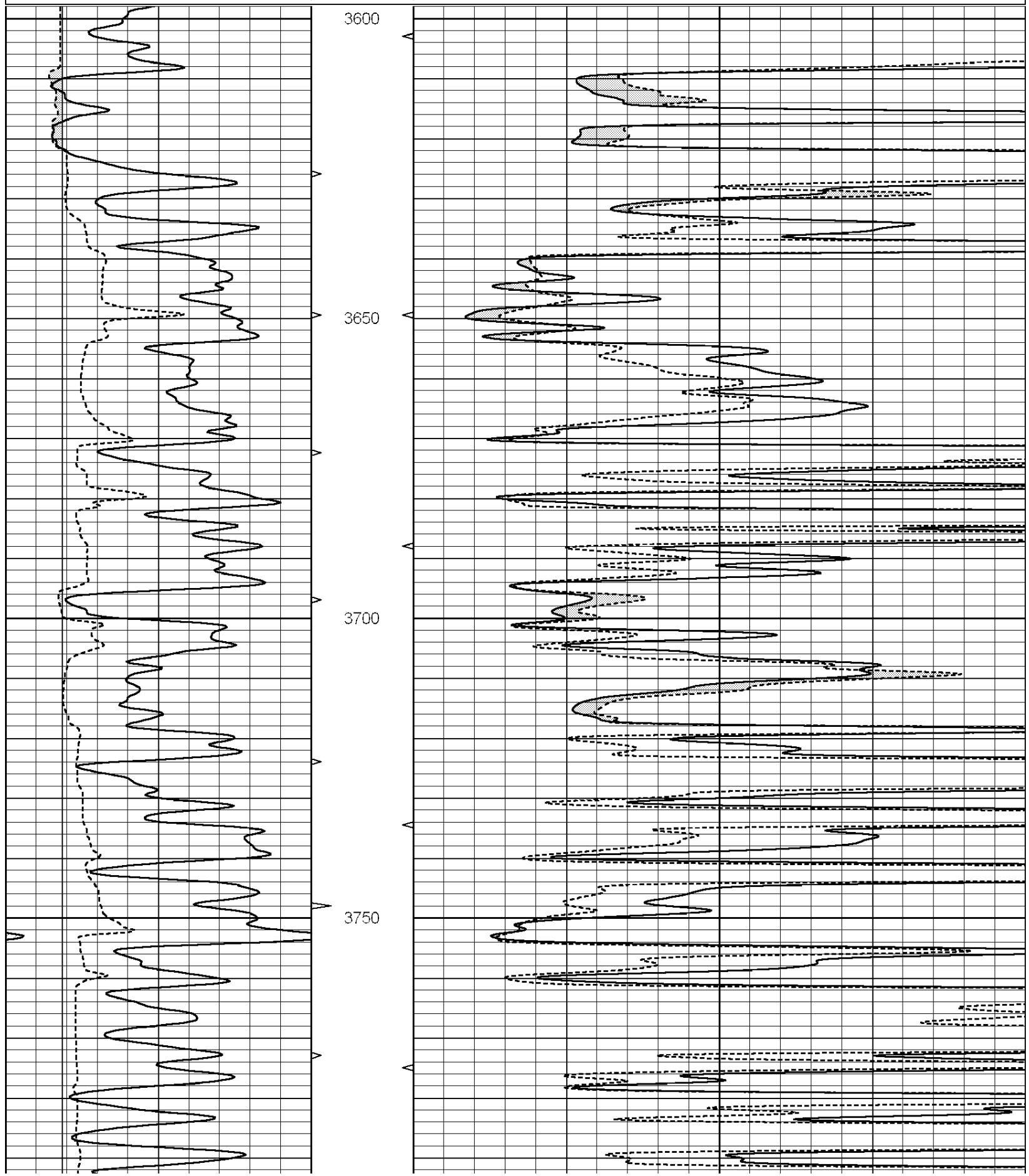
<<< Fold Here >>>

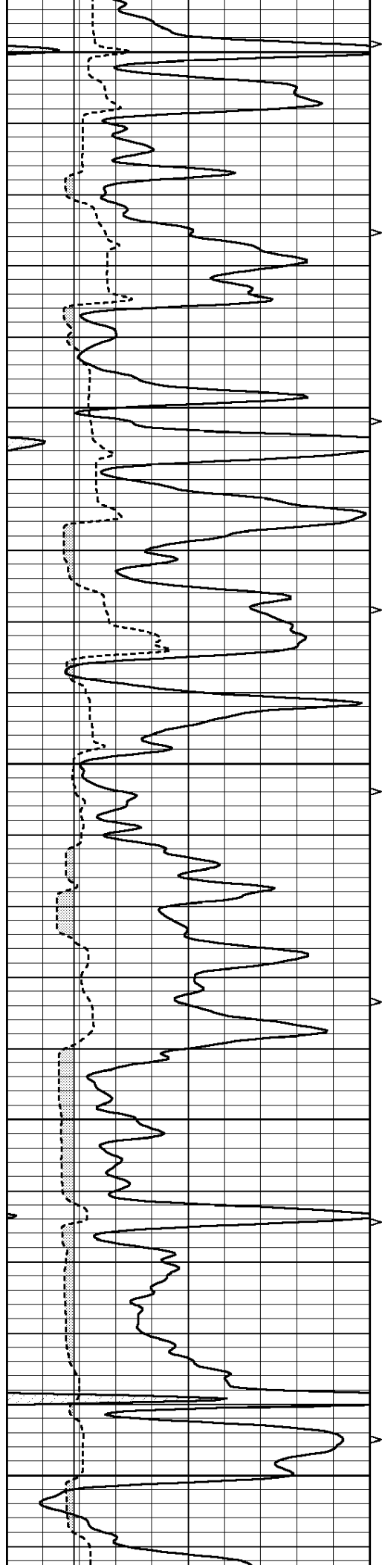
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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

SUPERIOR WELL SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: COLBY, 2S TO RD. "O", 6W, N INTO.

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





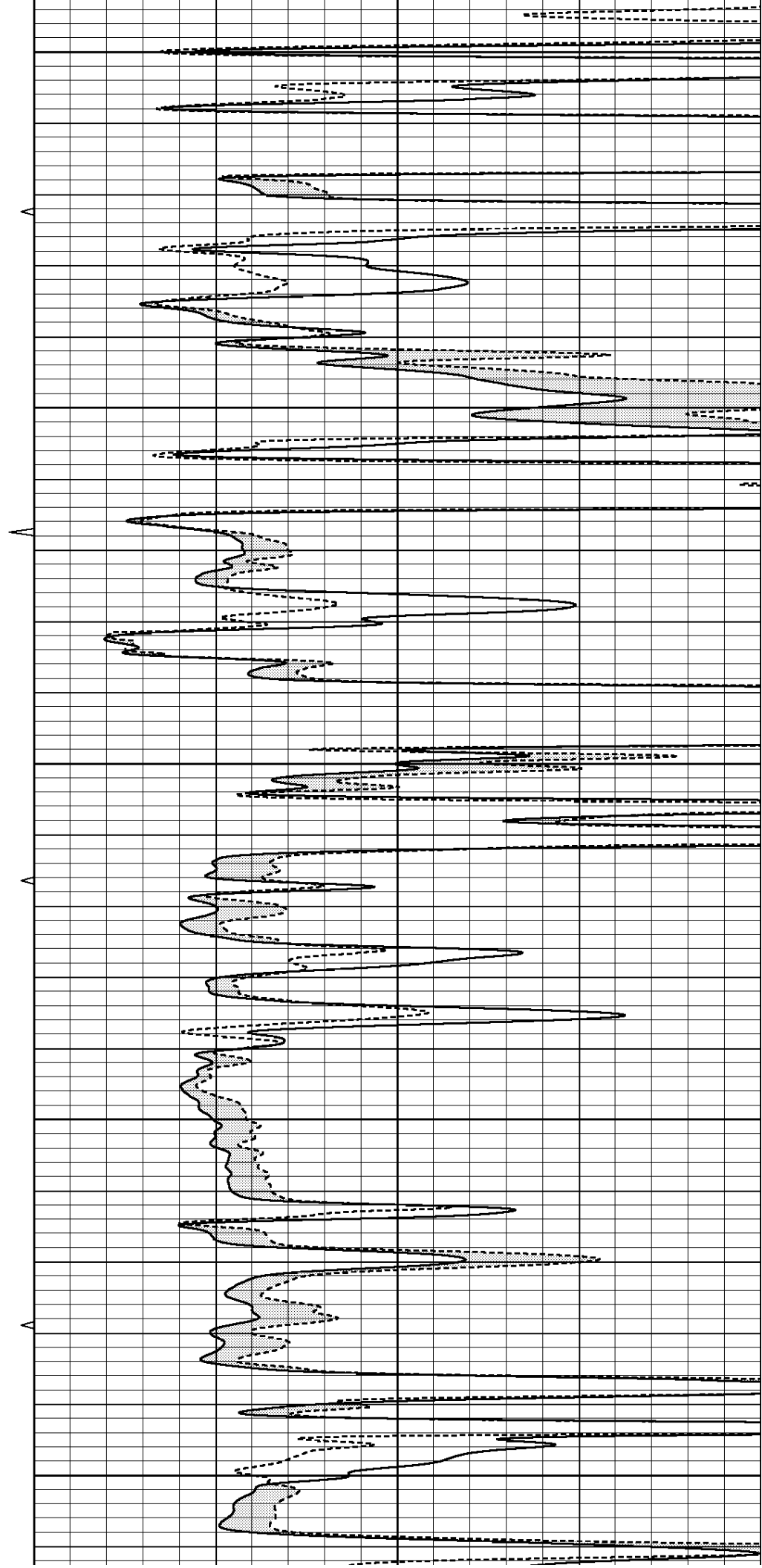
3800

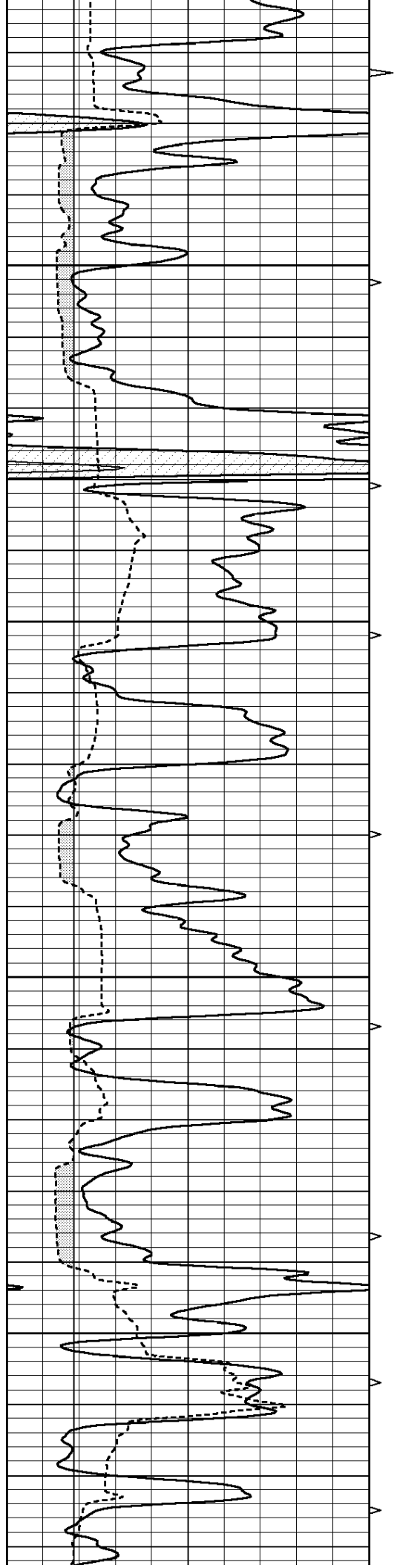
3850

3900

3950

4000



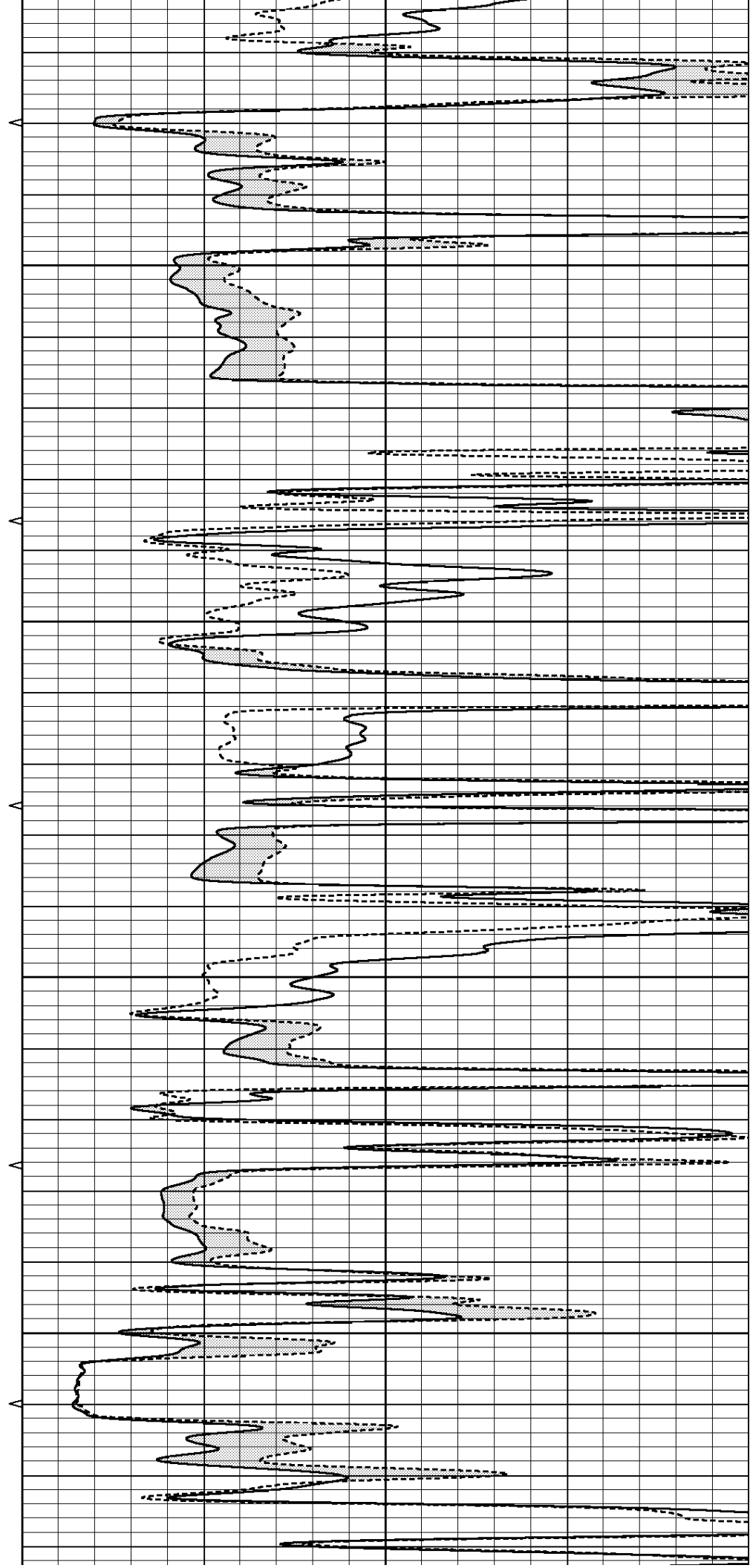


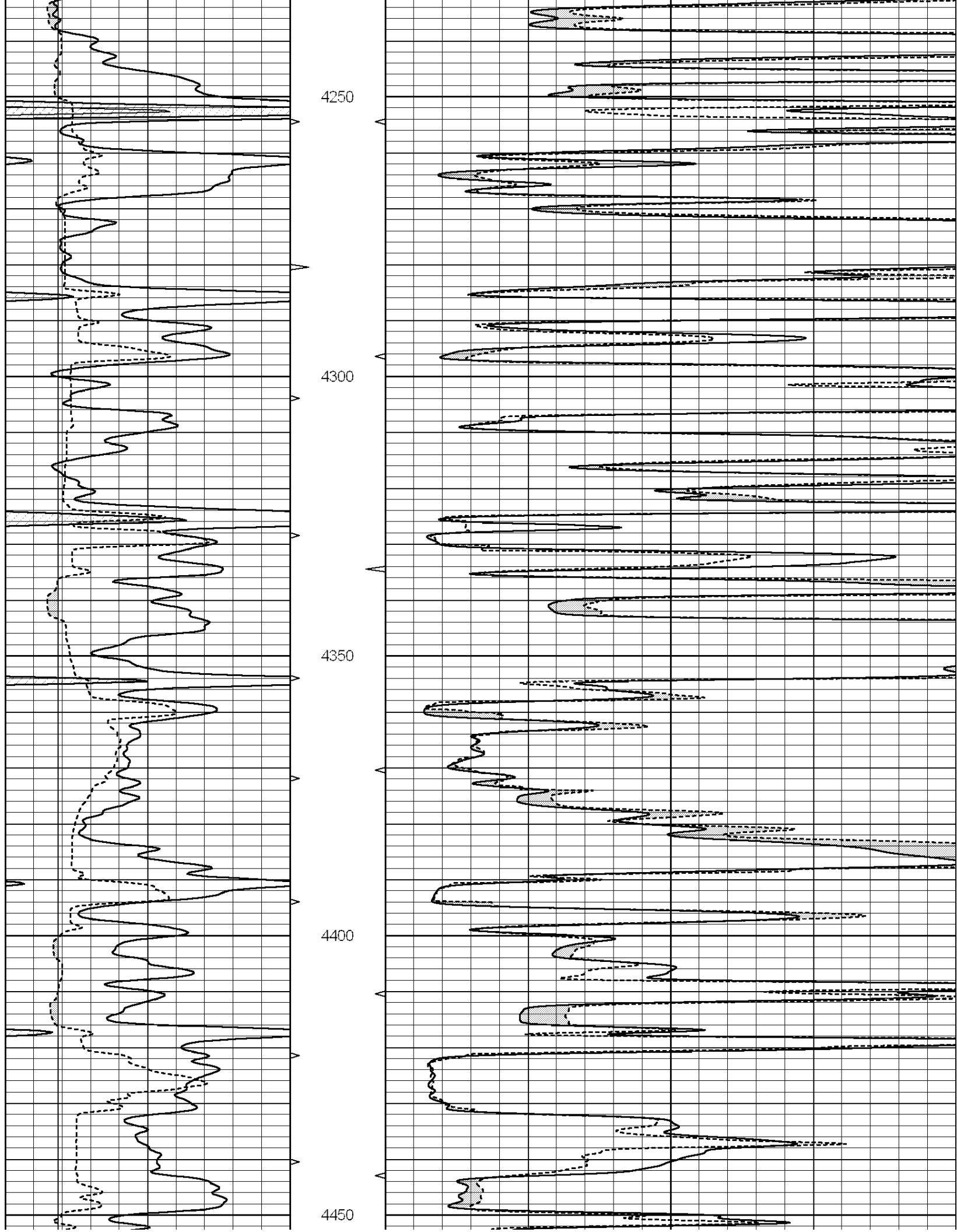
4050

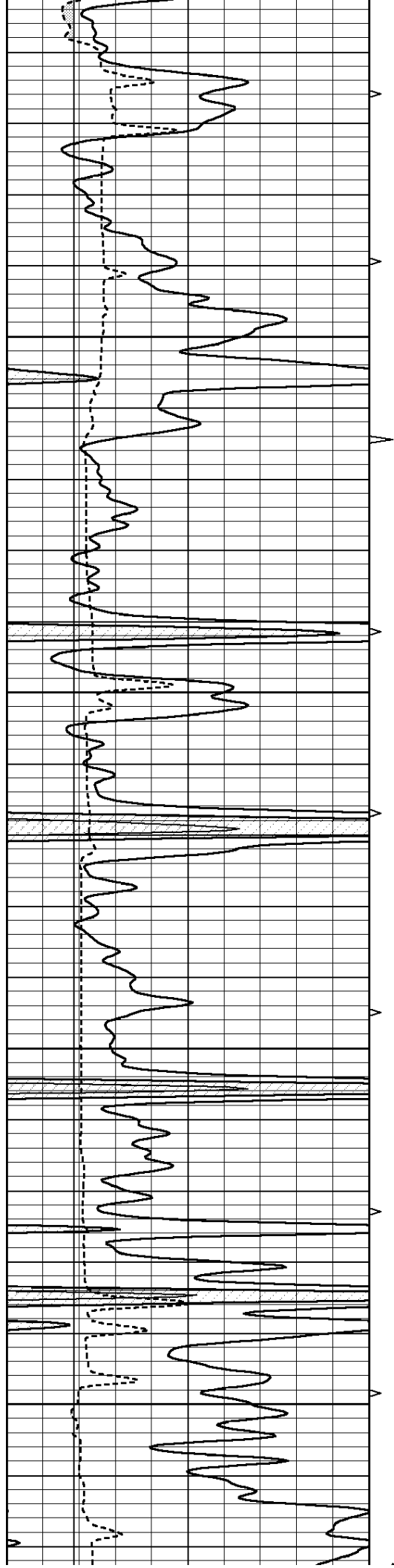
4100

4150

4200





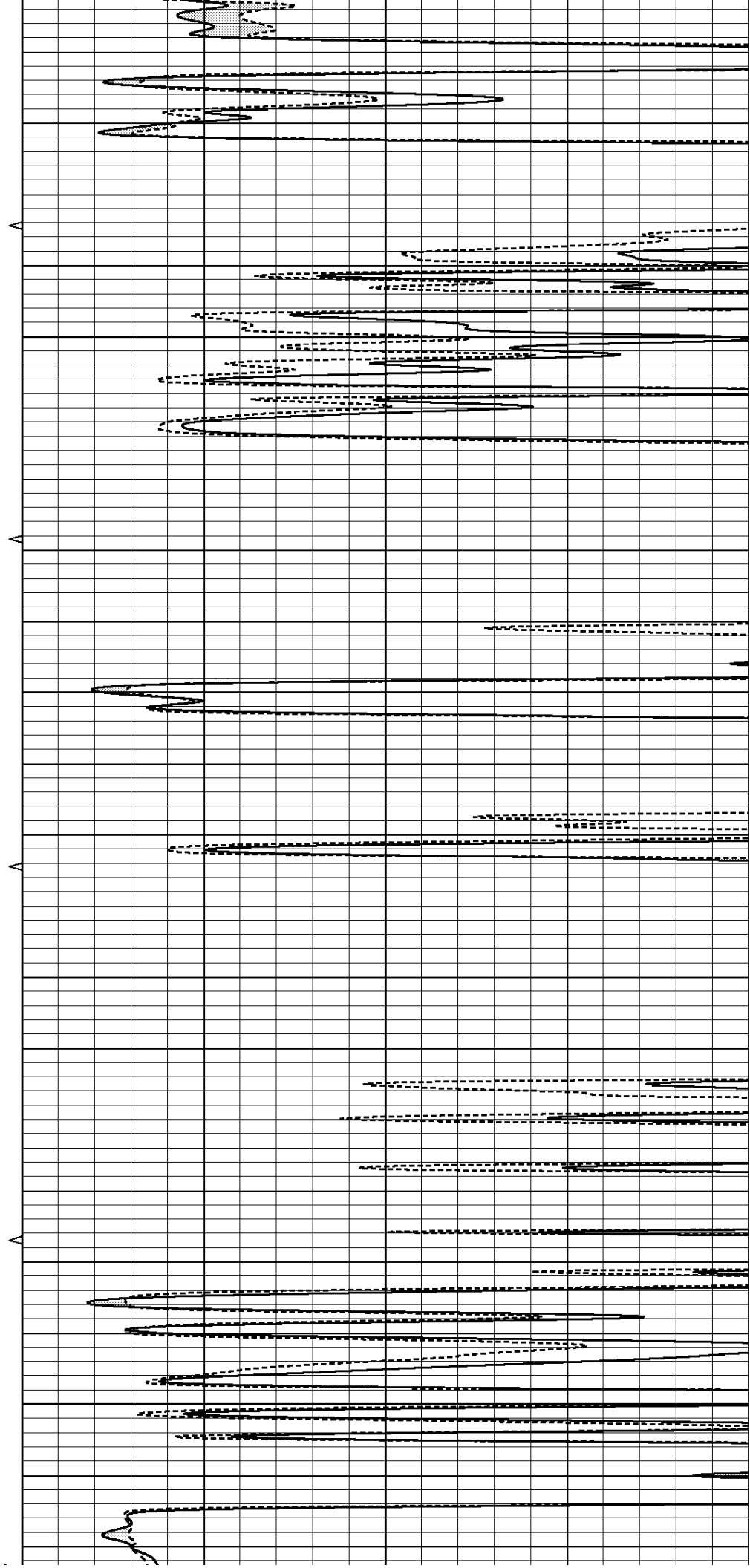


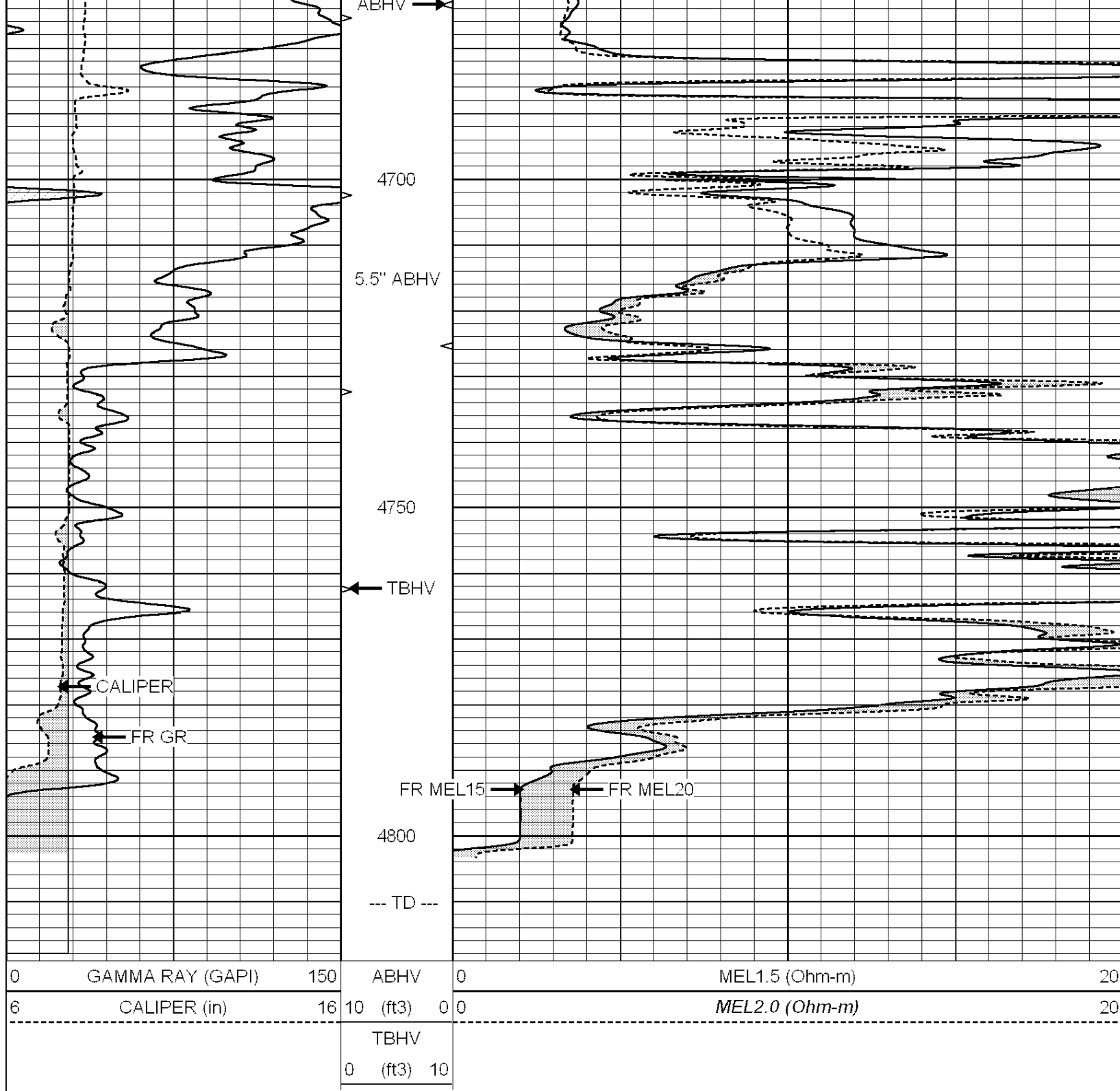
4500

4550

4600

4650



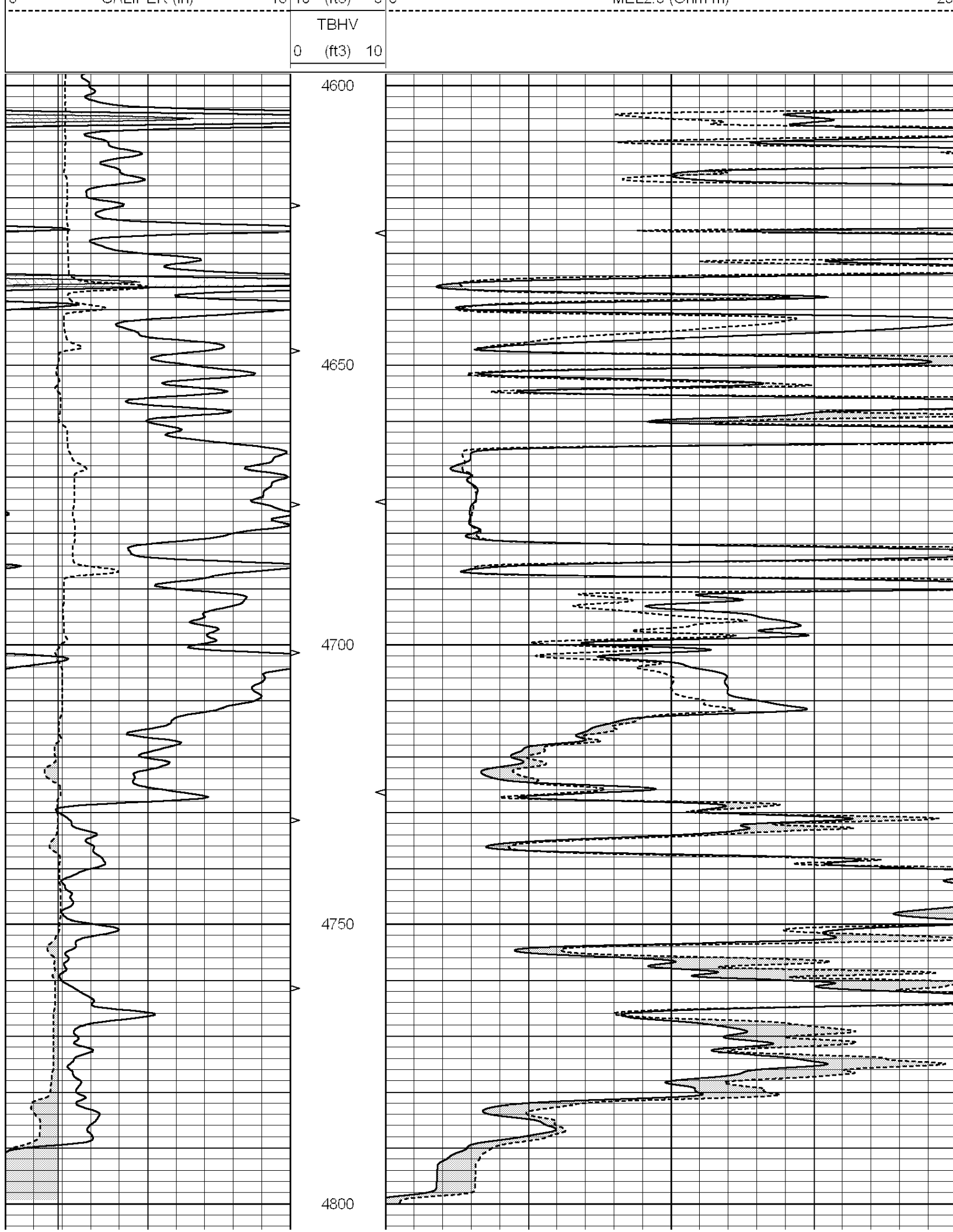


SUPERIOR
Hays,
Kansas

REPEAT SECTION

Database File: 005215ddn.db
 Dataset Pathname: pass4
 Presentation Format: micro
 Dataset Creation: Tue Jun 29 18:28:27 2010 by Log Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

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



[illegible]