



SUPERIOR
Hays,
Kansas

COMPENSATED
NEUTRON / DENSITY
LOG

Company RITCHIE EXPLORATION, INC.
Well #1 SHIPLEY 28B
Field ANTELOPE RIDGE
County GOVE
State KANSAS

Company RITCHIE EXPLORATION, INC.
Well #1 SHIPLEY 28B
Field ANTELOPE RIDGE
County GOVE State KANSAS

Location: API # : 15-063-21918
640' FNL & 375' FWL
W/2 - NW - NW
SEC 28 TWP 13S RGE 31W
Permanent Datum GROUND LEVEL Elevation 2834
Log Measured From KELLY BUSHING 10' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
DIL
Elevation
K.B. 2844
D.F. 2842
G.L. 2834

Date	6-14-11		
Run Number	ONE		
Depth Driller	4580		
Depth Logger	4582		
Bottom Logged Interval	4559		
Top Log Interval	3600		
Casing Driller	219		
Casing Logger	216		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	8.9 / 59		
pH / Fluid Loss	10.0 / 7.2		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.80 @ 86F		
Rmf @ Meas. Temp	0.60 @ 86F		
Rmc @ Meas. Temp	1.02 @ 86F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.570 @ 121F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	121F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	GOTTSCHALK		
Witnessed By	MIKE ENGELBRECHT		

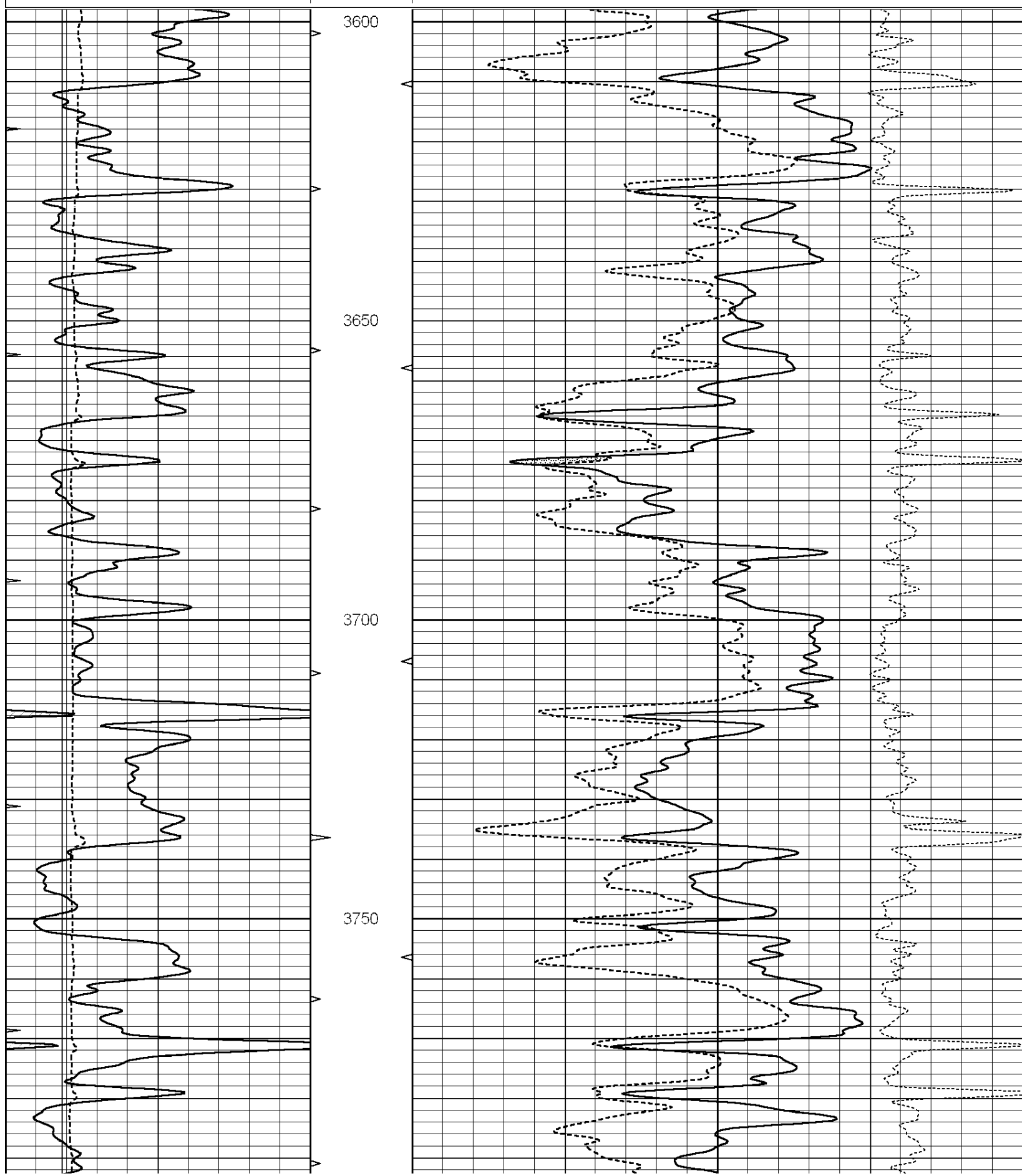
<<< Fold Here >>>

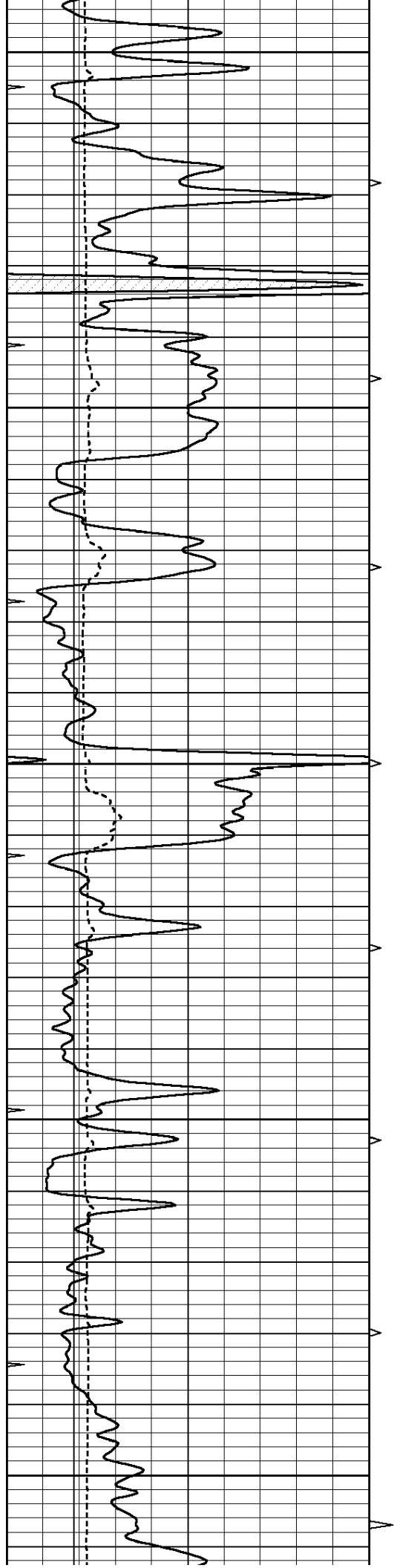
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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: OAKLEY - 13 SOUTH TO QUAIL RD. - 3 EAST - 2 SOUTH - 1 EAST - SOUTH INTO

0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3)	0 30	COMPENSATED NEUTRON (pu)	-10
0	MINMK	20	TBHV		-0.25 CORRECTION (g/cc)	0.25
			0 (ft3)	10		





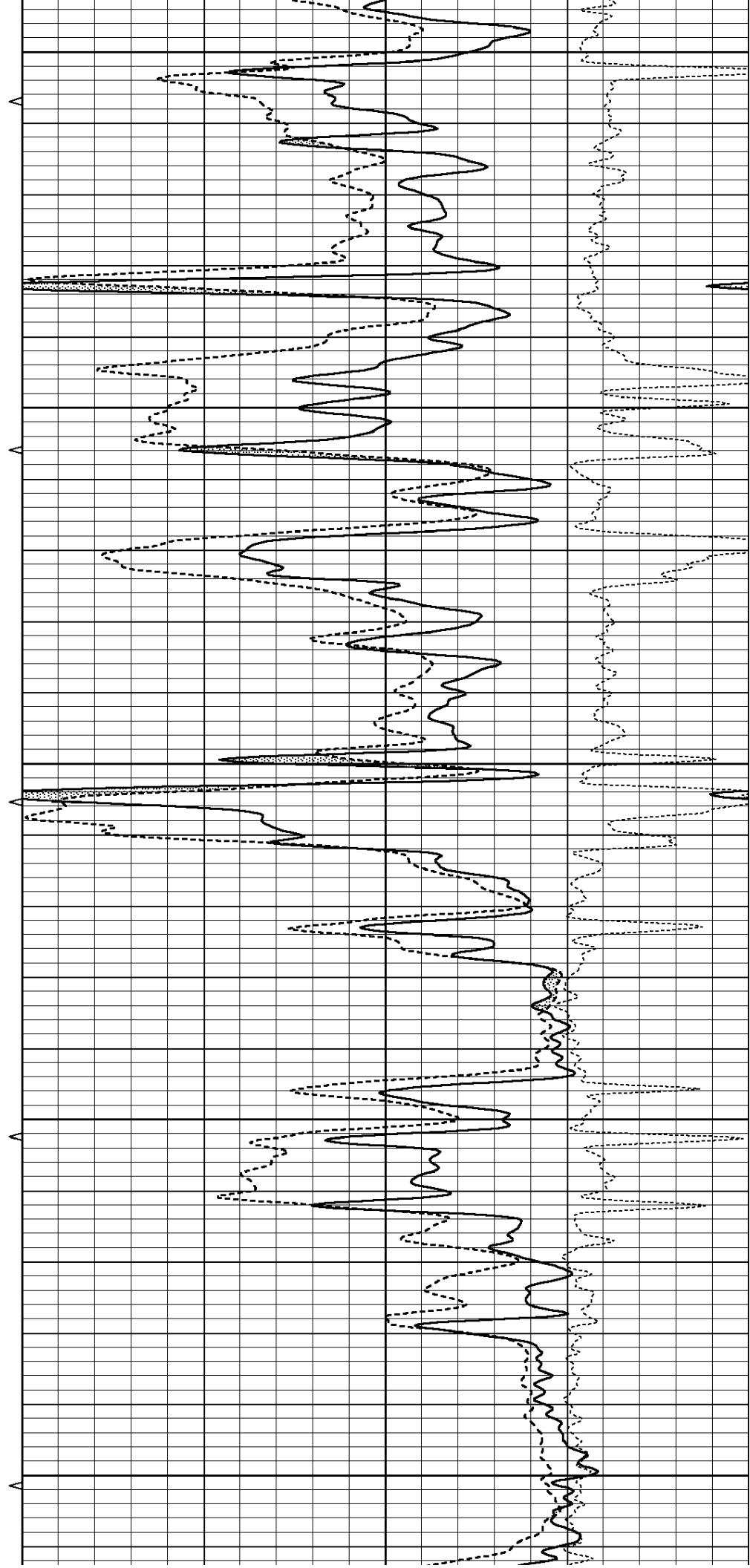
3800

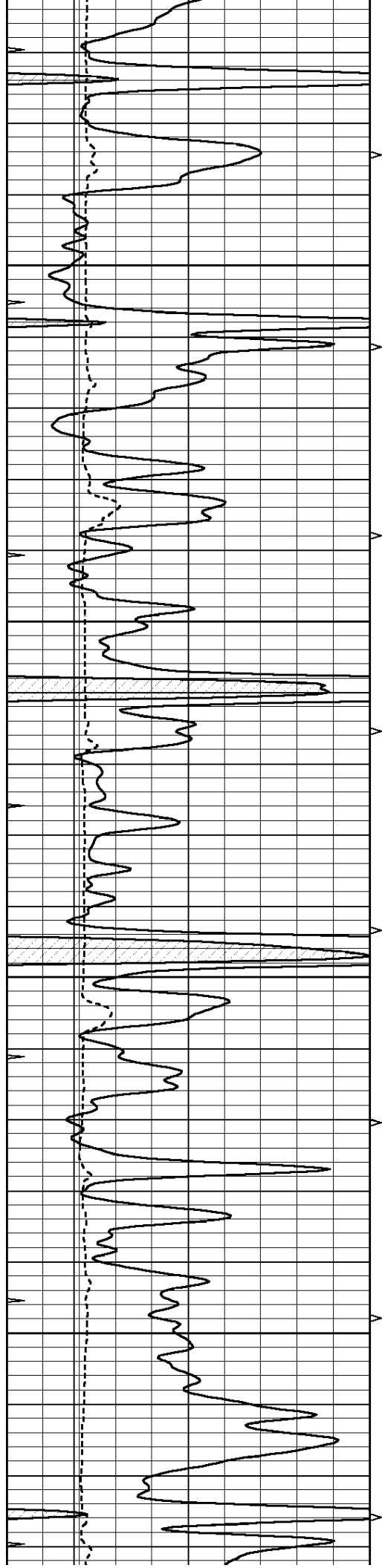
3850

3900

3950

4000



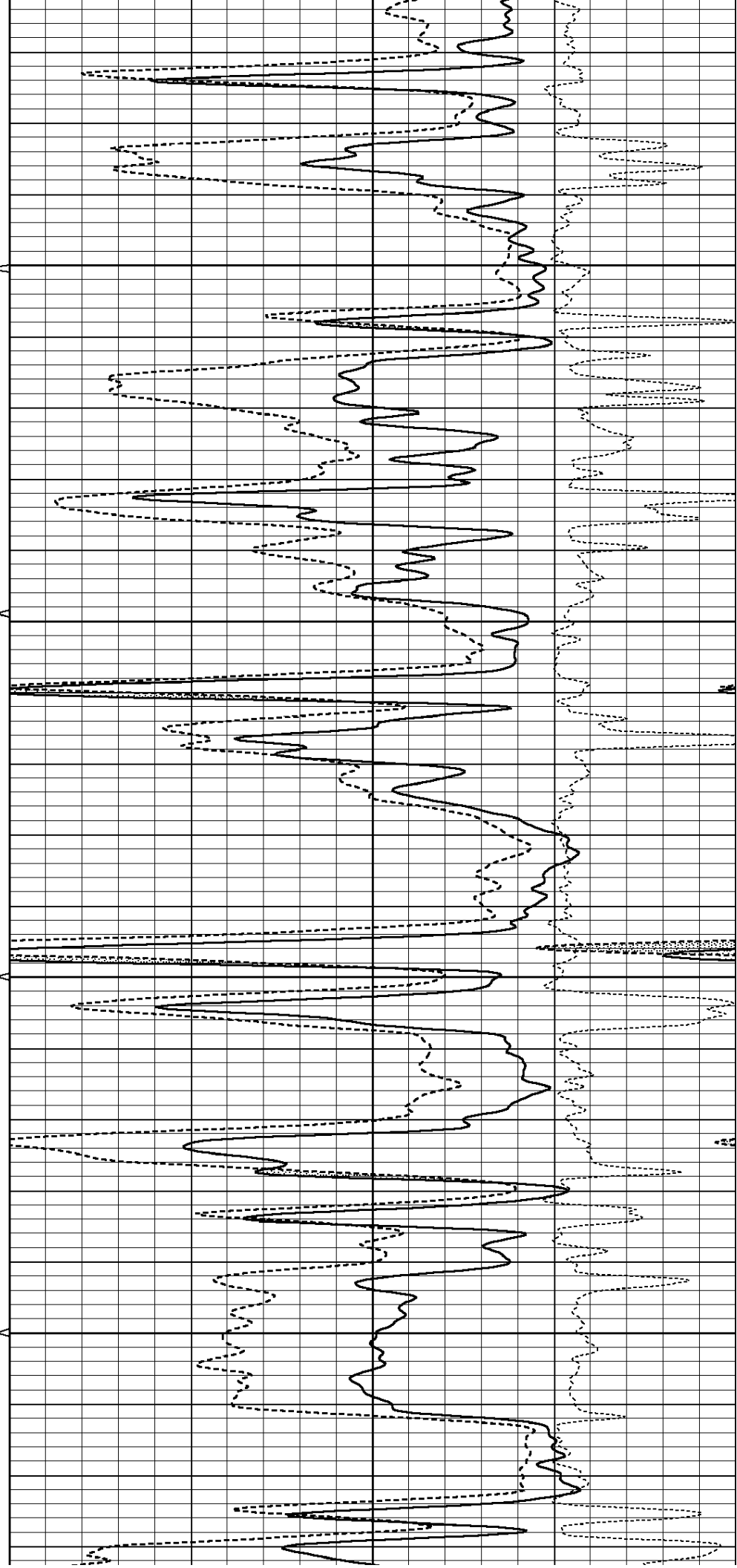


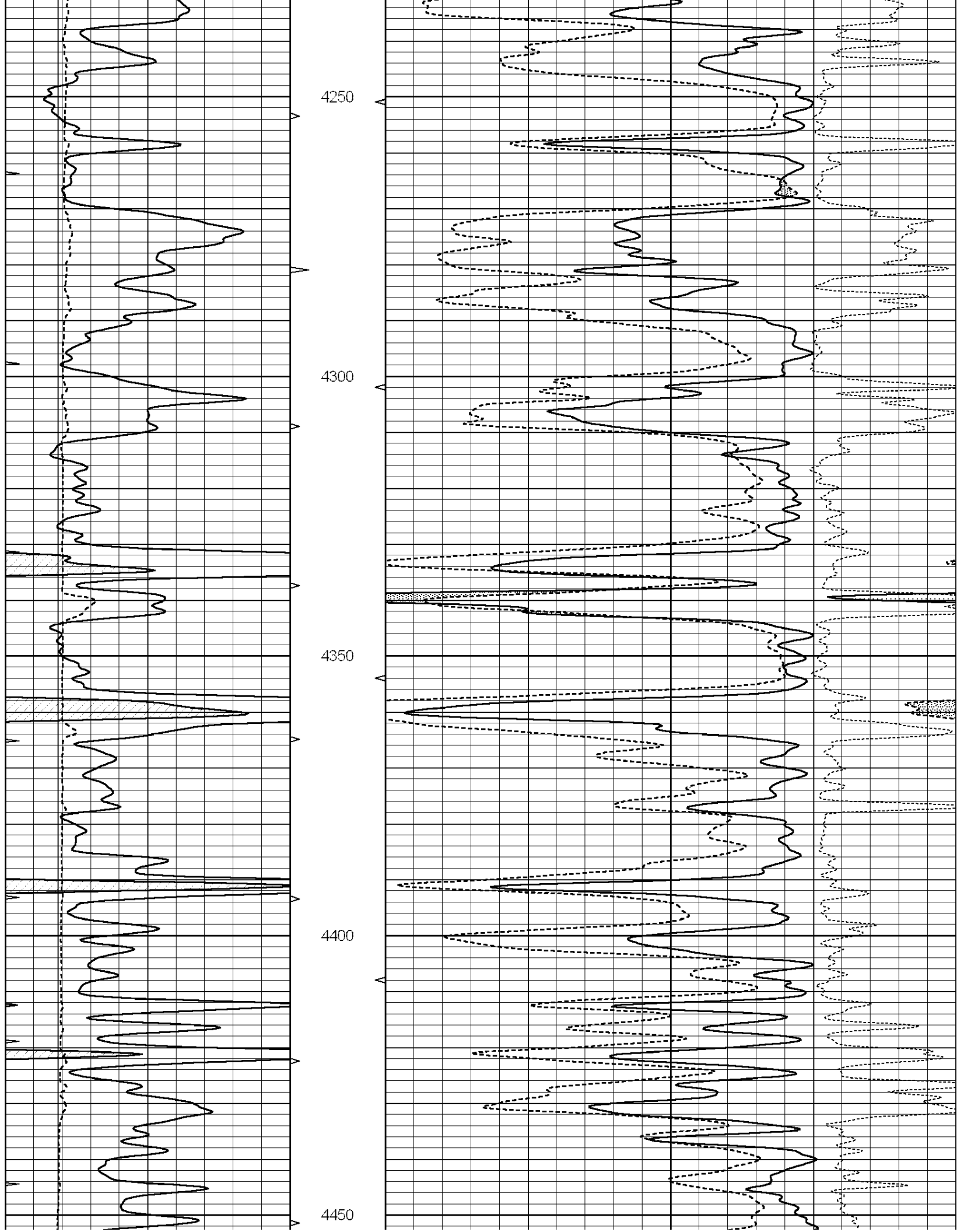
4050

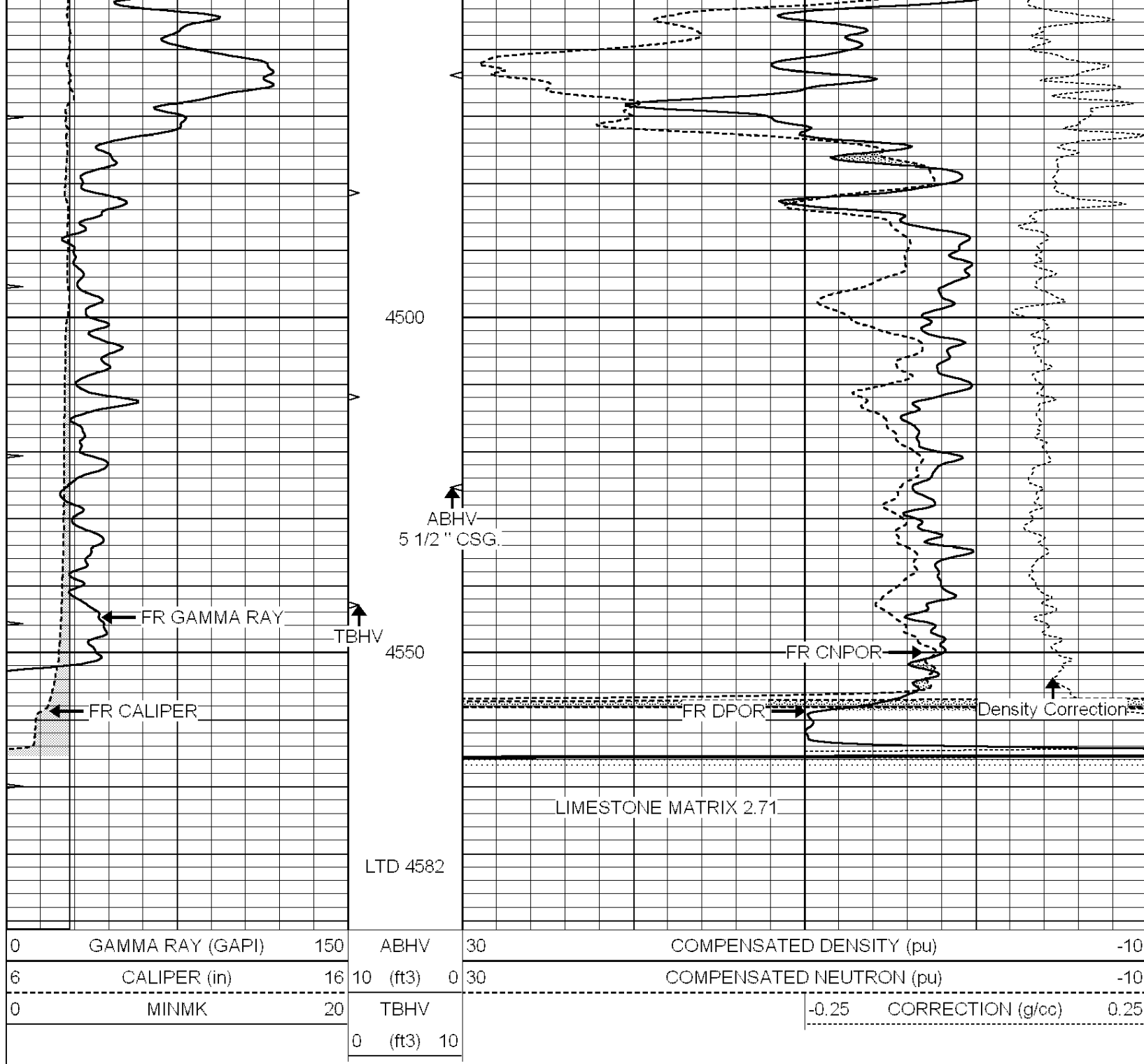
4100

4150

4200







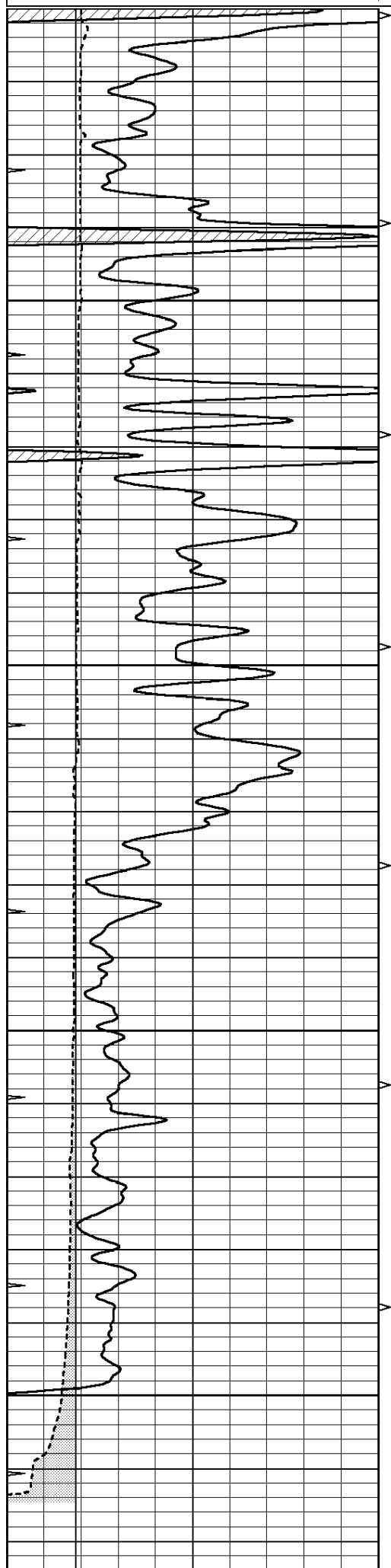
SUPERIOR
Hays,
Kansas

REPEAT SECTION

Database File: 005937ddn.db
 Dataset Pathname: pass2.3
 Presentation Format: den_neu
 Dataset Creation: Wed Jun 15 00:13:03 2011
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3)	0 30	COMPENSATED NEUTRON (pu)	-10
0	MINMK	20	TBHV		-0.25 CORRECTION (g/cc)	0.25

0 (ft3) 10

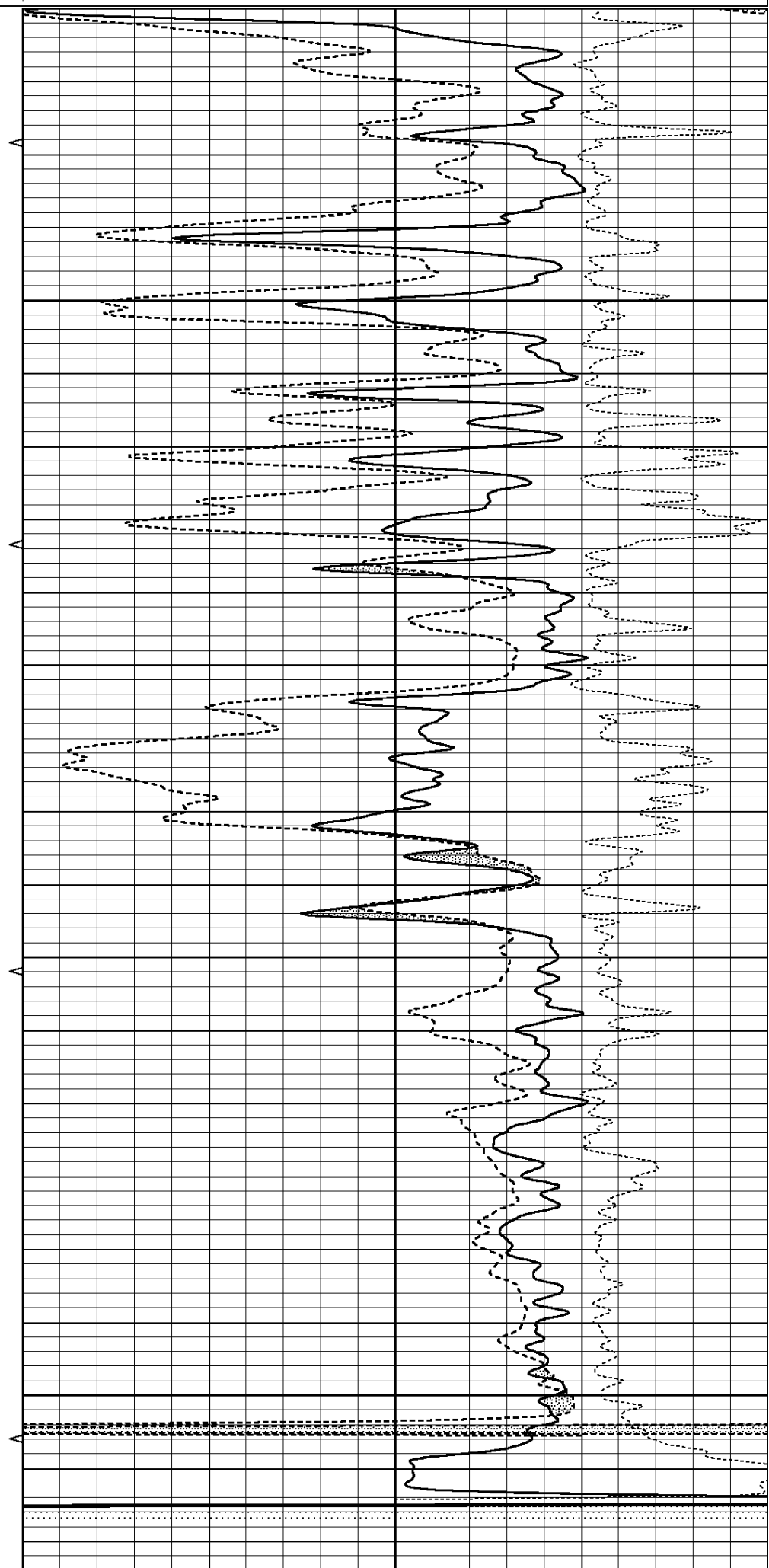


4400

4450

4500

4550



[illegible]