



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**COMPENSATED
DENSITY/NEUTRON
LOG**

Company	RITCHIE EXPLORATION, INC.		
Well	#1 EDWARDS 17B		
Field	WILDCAT		
County	LOGAN	State	KANSAS
Location:	AP1 #: 15-109-21423-0000 910' FNL & 1400' FWL		Other Services DIL MEL
Permanent Datum	SEC 17 TWP 15S RGE 35W	Elevation	
Log Measured From	GROUND LEVEL	Elevation	3266
Drilling Measured From	KELLY BUSHING 5' A.G.L. KELLY BUSHING	K.B. 3271 D.F. 3269 G.L. 3266	
Date	7/30/15		
Run Number	ONE		
Depth Driller	4910		
Depth Logger	4911		
Bottom Logged Interval	4887		
Top Log Interval	3500		
Casing Driller	8 5/8" @ 220		
Casing Logger			
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 8000 PPM	
Density / Viscosity	9.3/57		
pH / Fluid Loss	10.5/8.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.70 @ 94F		
Rmt @ Meas. Temp	.52 @ 94F		
Rmc @ Meas. Temp	.84 @ 94F		
Source of Rmt / Rmc	MEASUREMENT		
Rm @ BHT	.52 @ 126F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	126F		
Equipment Number	4010		
Location	HAYS, KANSAS		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	MAX LOVELY		

<<< 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 NABORS, HAYS, KS. (785) 628-6395
DIRECTIONS:
PENCE, KS. - 6 WEST TO RD 20 - 6 NORTH TO DAKOTA RD. - 2 MILES NORTH & WEST INTO

Database File:

30512ddn.db

Dataset Pathname:

pass4.1

Presentation Format:

den_neu

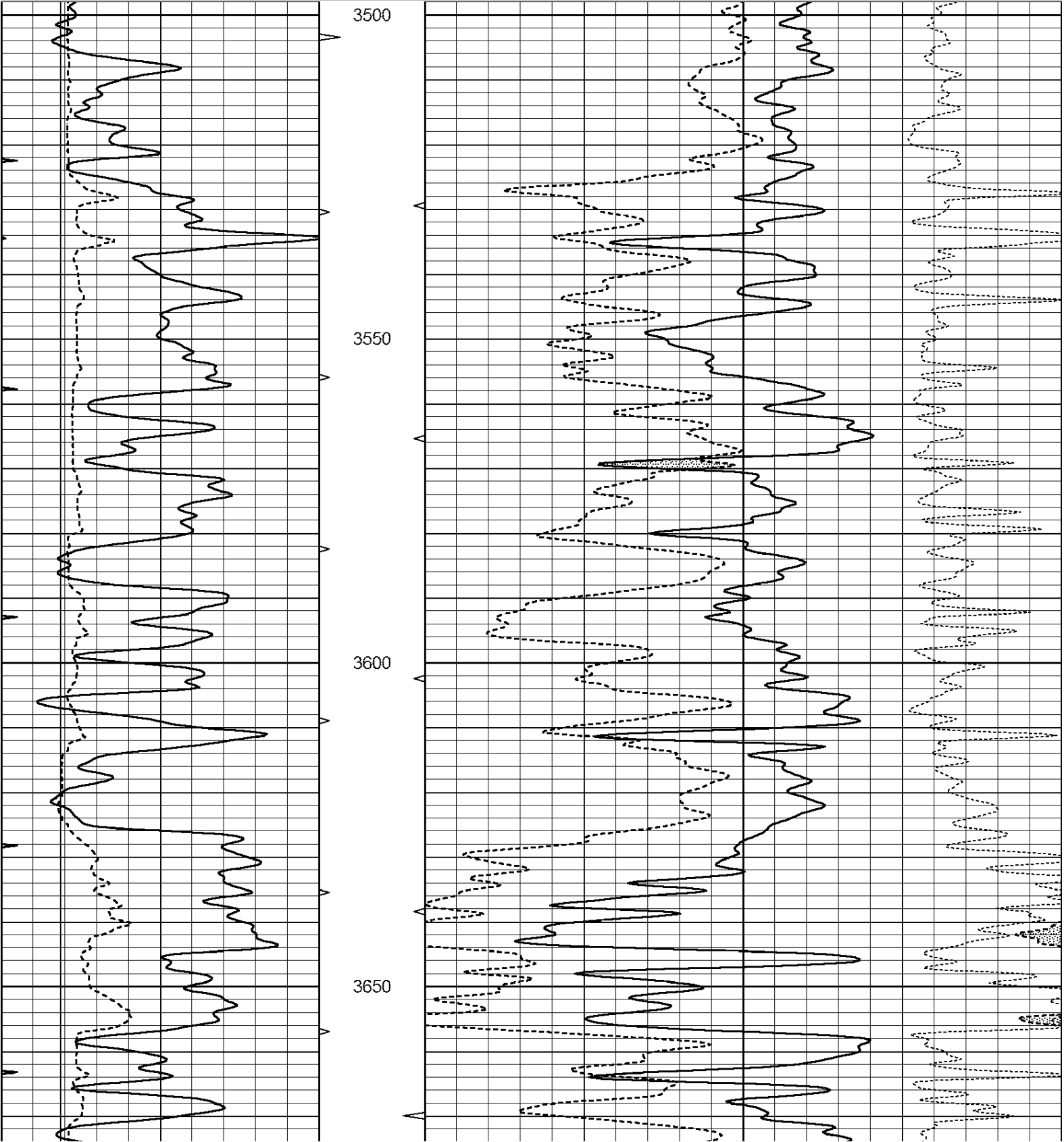
Dataset Creation:

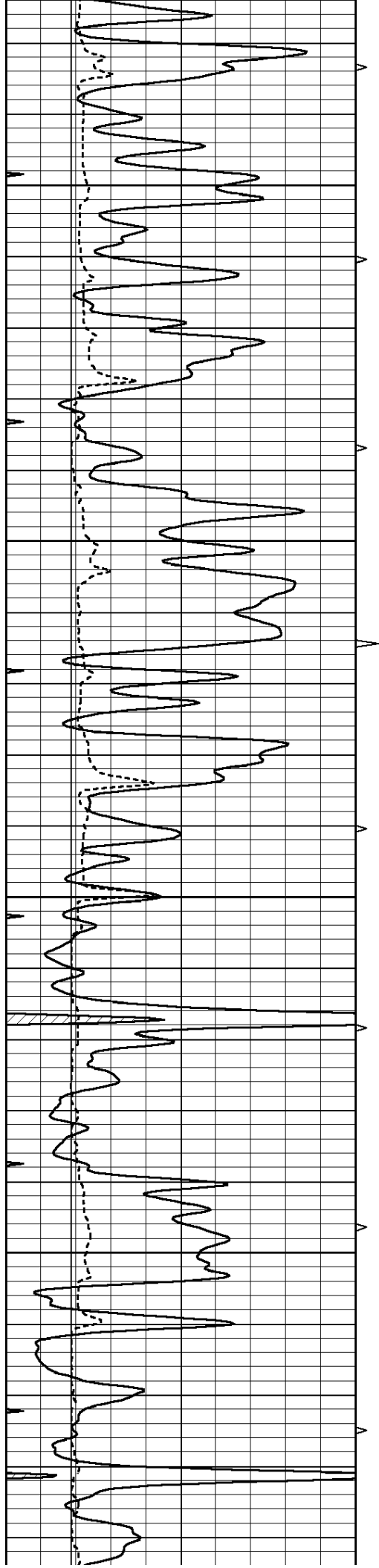
Thu Jul 30 21:17:03 2015 by Calc Open-Cased 090629

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		



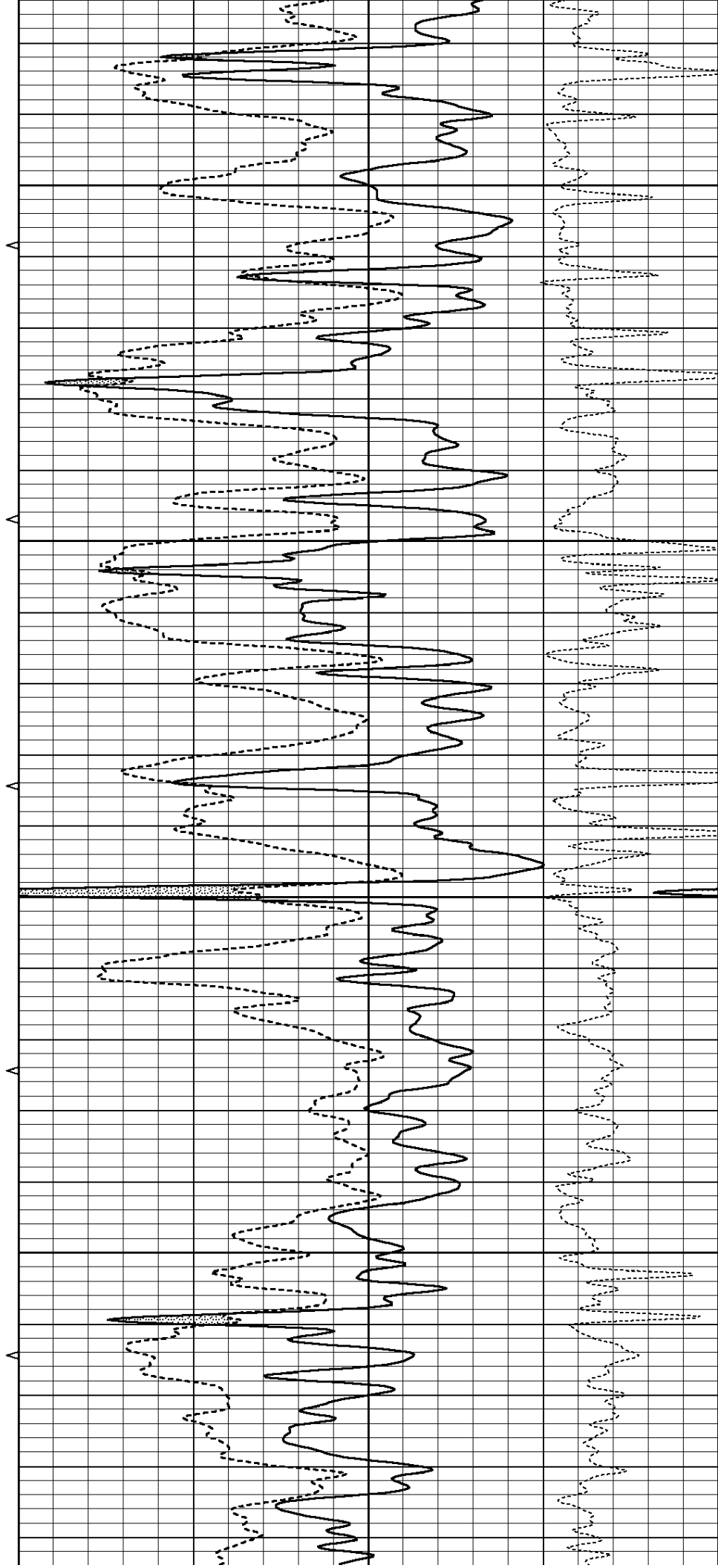


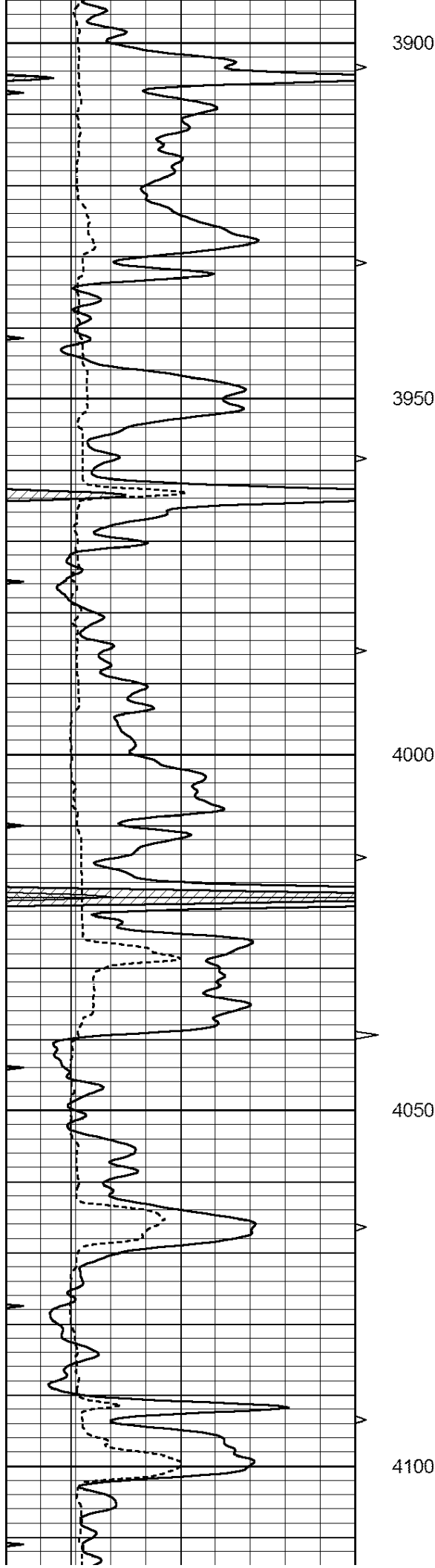
3700

3750

3800

3850





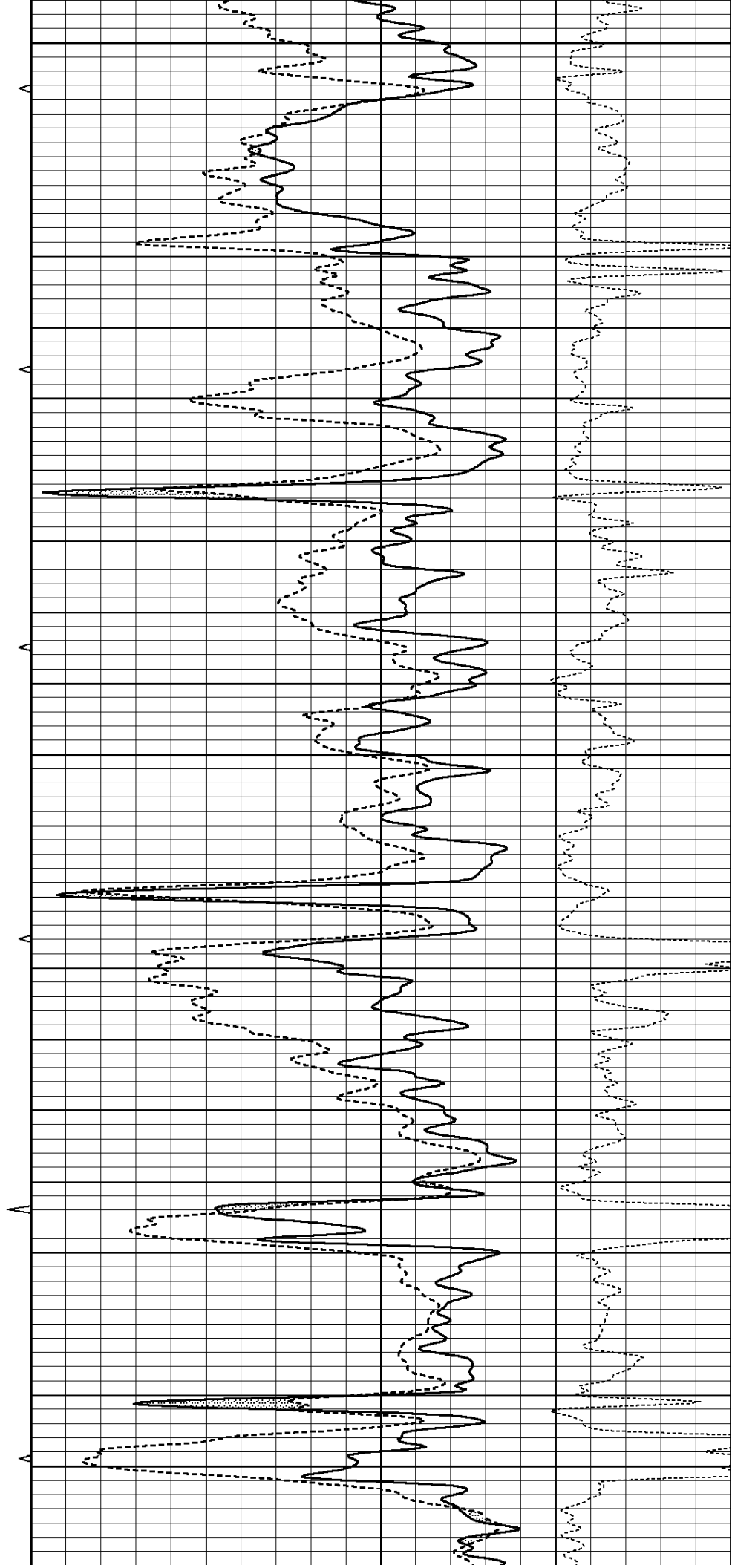
3900

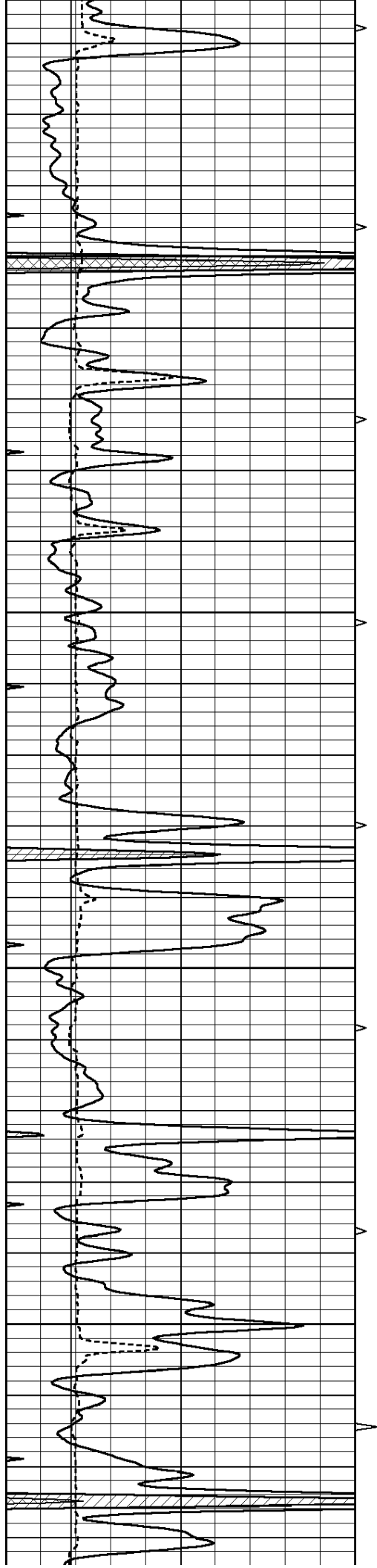
3950

4000

4050

4100



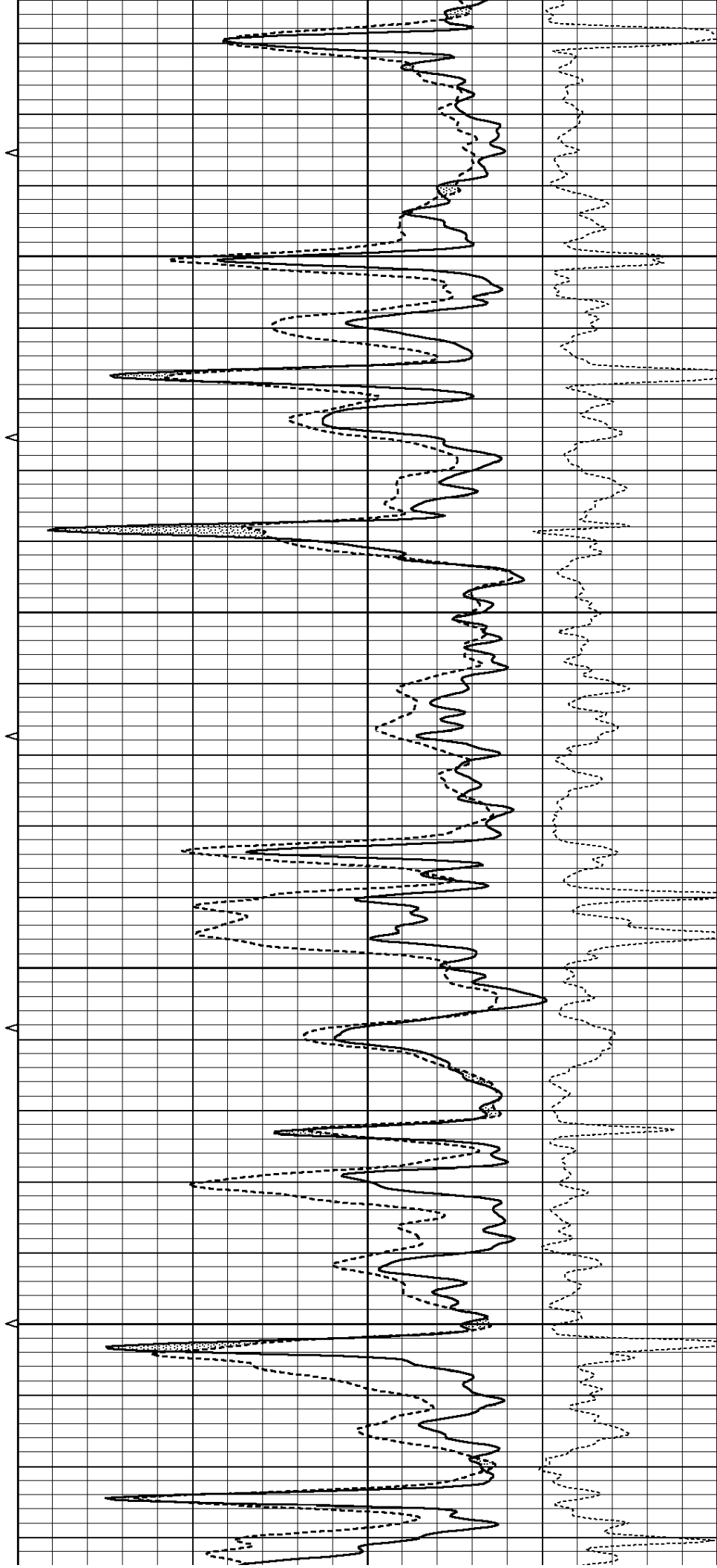


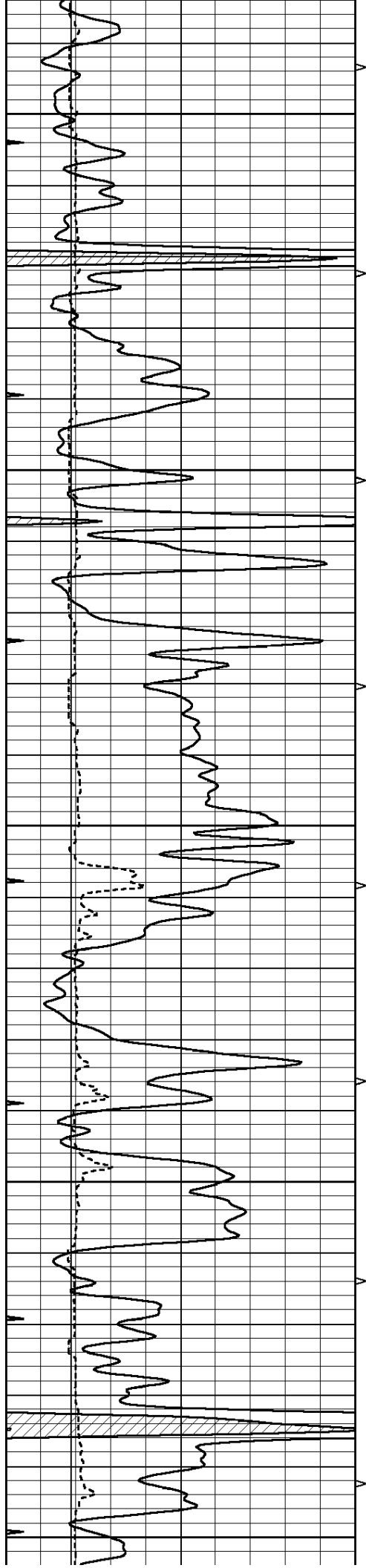
4150

4200

4250

4300





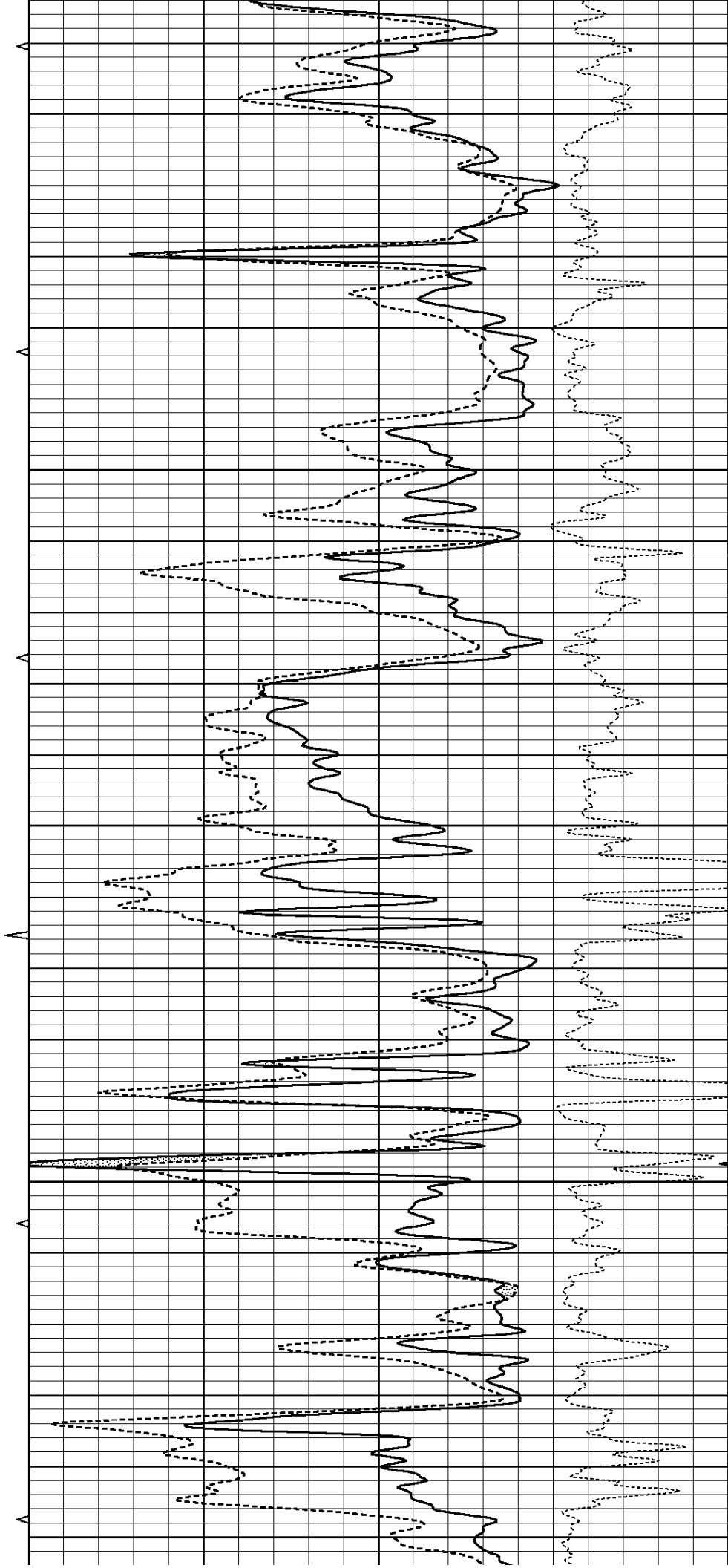
4350

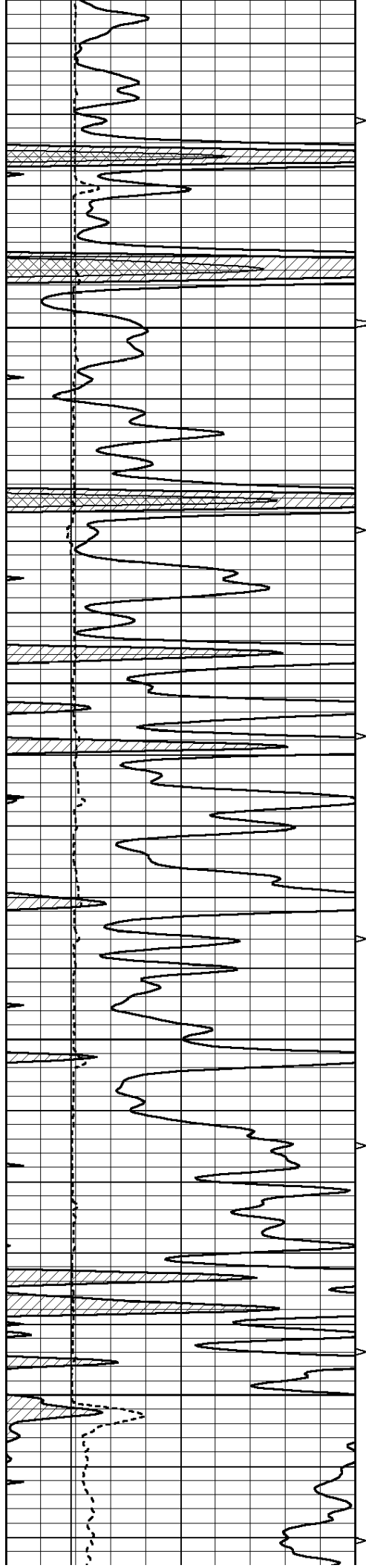
4400

4450

4500

4550





4600

4650

4700

4750

