



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**COMPENSATED
DENSITY/NEUTRON
LOG**

Company	RITCHIE EXPLORATION, INC.		
Well	#1 YORK 30 C		
Field	WILDCAT		
County	GOVE		
State	KANSAS		
Company	RITCHIE EXPLORATION, INC.		
Well	#1 YORK 30 C		
Field	WILDCAT		
County	GOVE	State	KANSAS
Location:	API # : 15-063-22181-0000		Other Services
	1305' FSL & 430' FWL		DIL
	SEC 30 TWP 15S RGE 30W		
Permanent Datum	GROUND LEVEL	Elevation	2733
Log Measured From	KELLY BUSHING 5' A.G.L.		
Drilling Measured From	KELLY BUSHING		
Elevation			K.B. 2738 D.F. 2736 G.L. 2733
Date	3/15/14		
Run Number	ONE		
Depth Driller	4561		
Depth Logger	4563		
Bottom Logged Interval	4539		
Top Log Interval	3300		
Casing Driller	8 5/8" @ 220		
Casing Logger	NA		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 4300 PPM	
Density / Viscosity	9.4/52		
pH / Fluid Loss	10.5/6.4		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.80 @ 75F		
Rmt @ Meas. Temp	.60 @ 75F		
Rmc @ Meas. Temp	.96 @ 75F		
Source of Rmt / Rmc	MEASUREMENT		
Rm @ BHT	.49 @ 121F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	7:15 P.M.		
Maximum Recorded Temperature	121F		
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:
HEALY, KS. - 8 WEST TO TAOS RD. - 5 1/2 NORTH TO 280 RD. - 1 EAST
TO THE Y - STAY NORTH 1 MILE TO RD. 290 - 2 EAST TO WILLOW RD. - 2 MILES
NORTH INTO



NABORS

**COMPLETION
& PRODUCTION**

MAIN SECTION

Database File:

24011ddn.db

Dataset Pathname:

pass3.1

Presentation Format:

den_neu

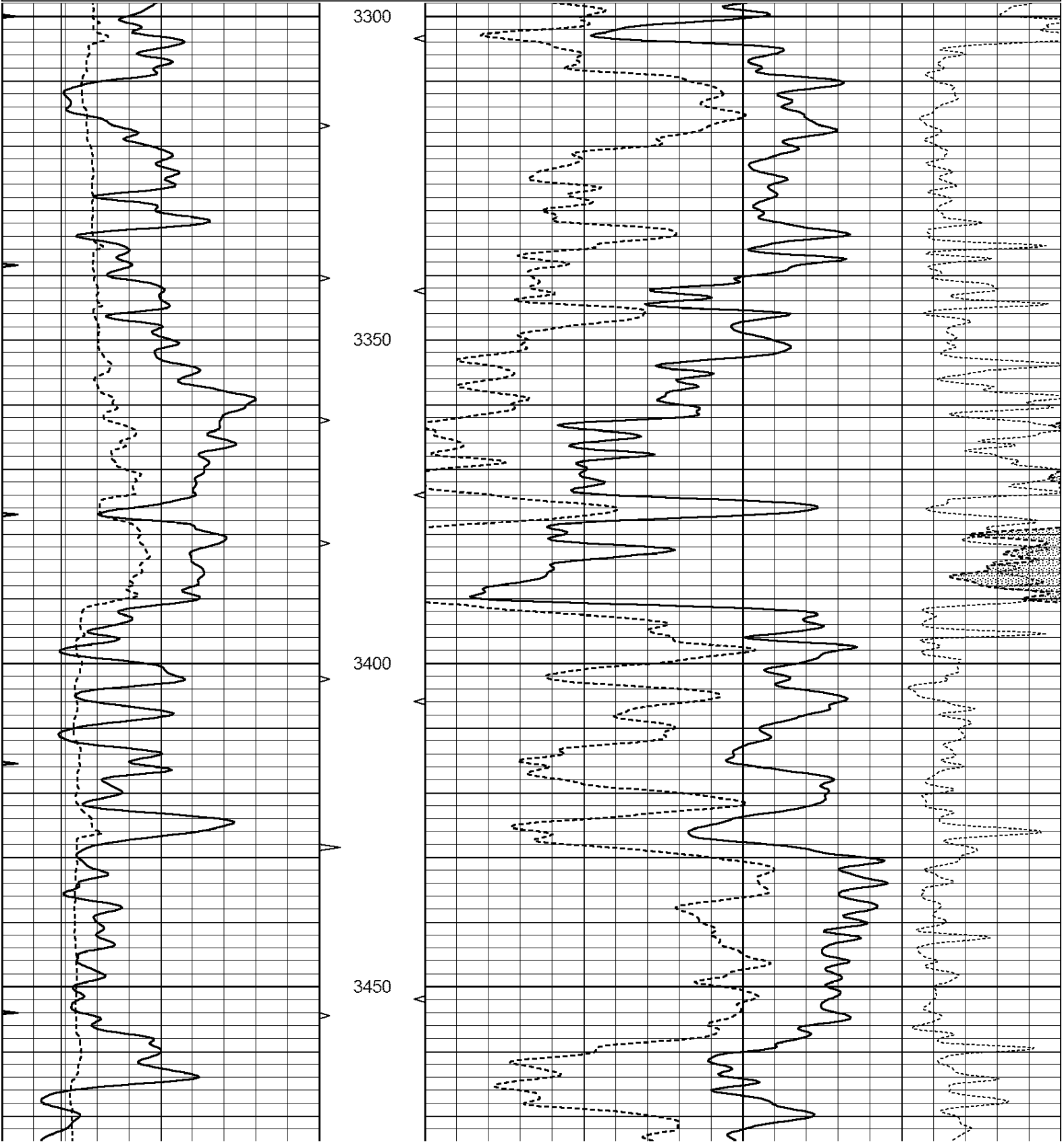
Dataset Creation:

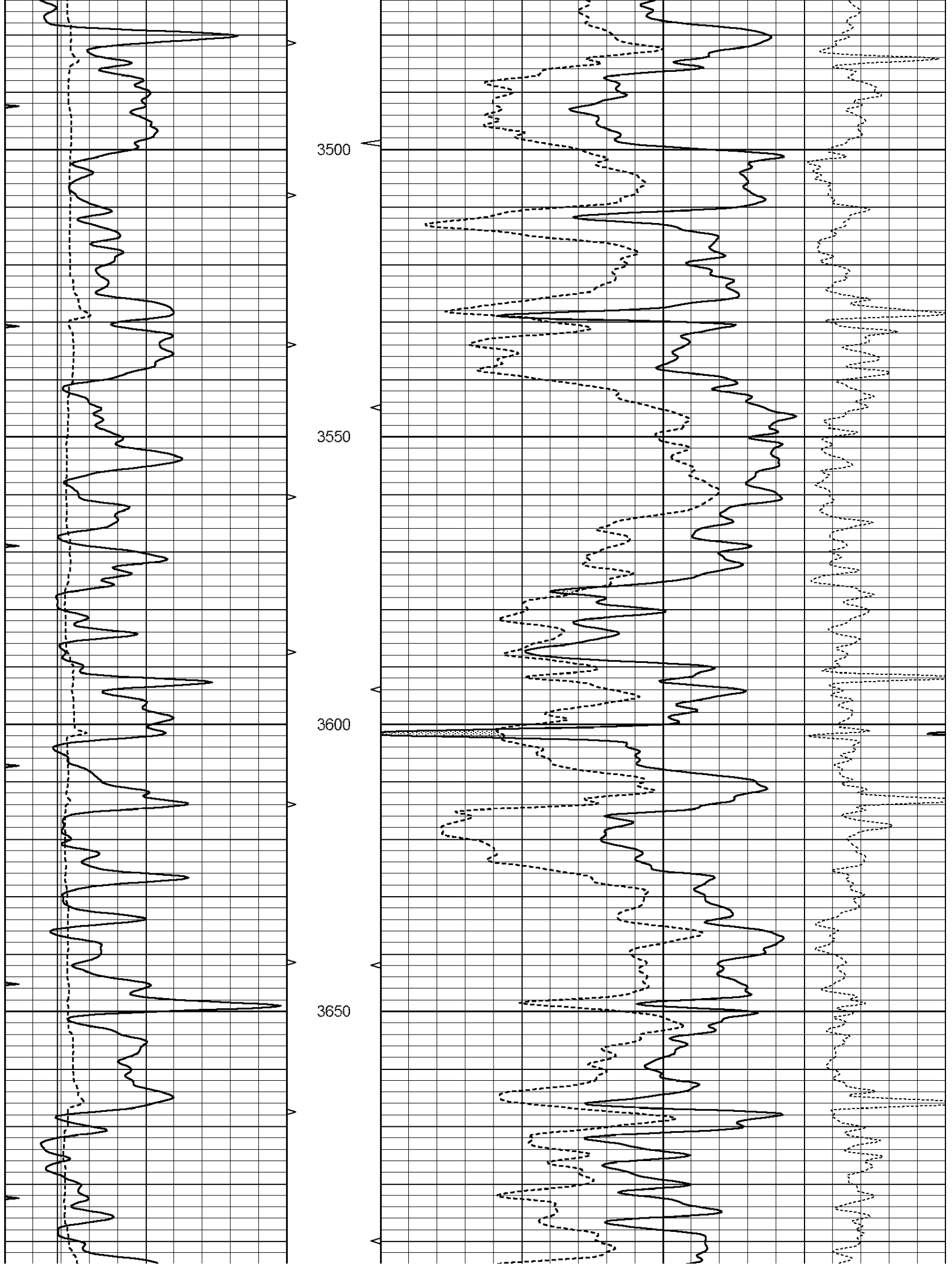
Sat Mar 15 19:58:23 2014 by Calc Open-Cased 090629

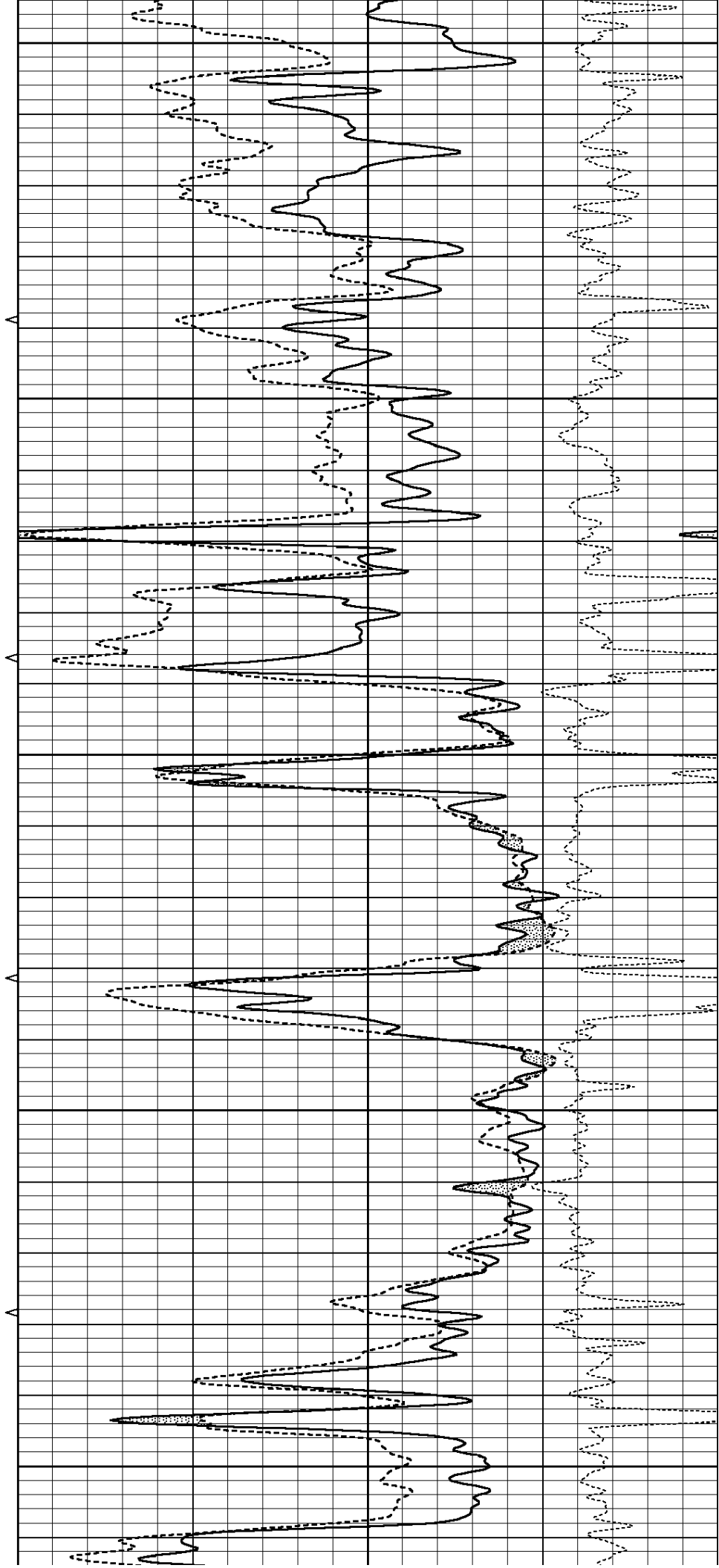
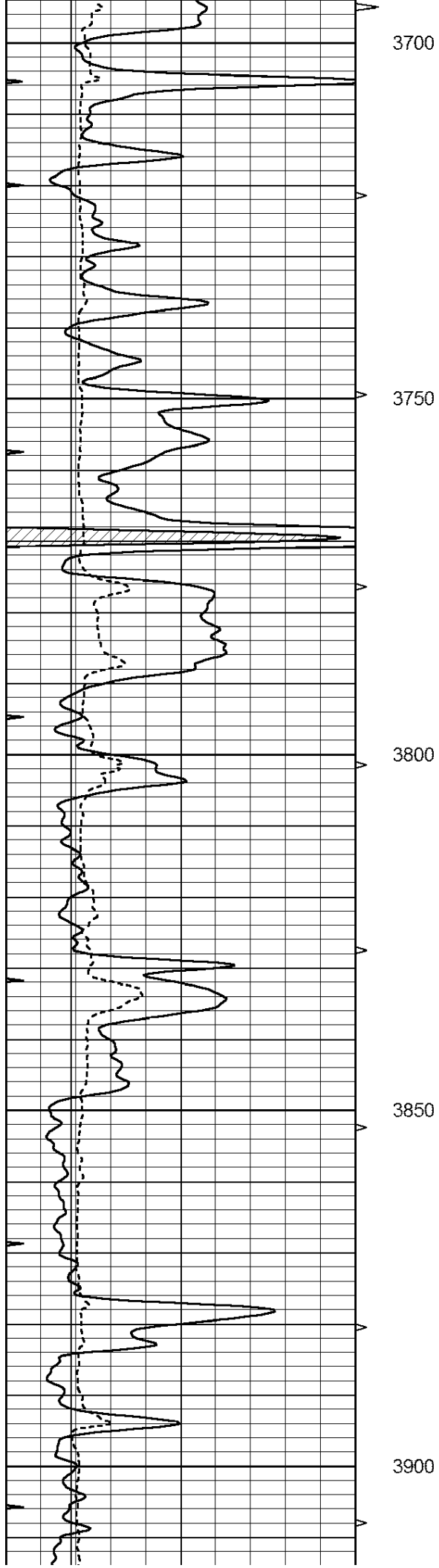
Charted by:

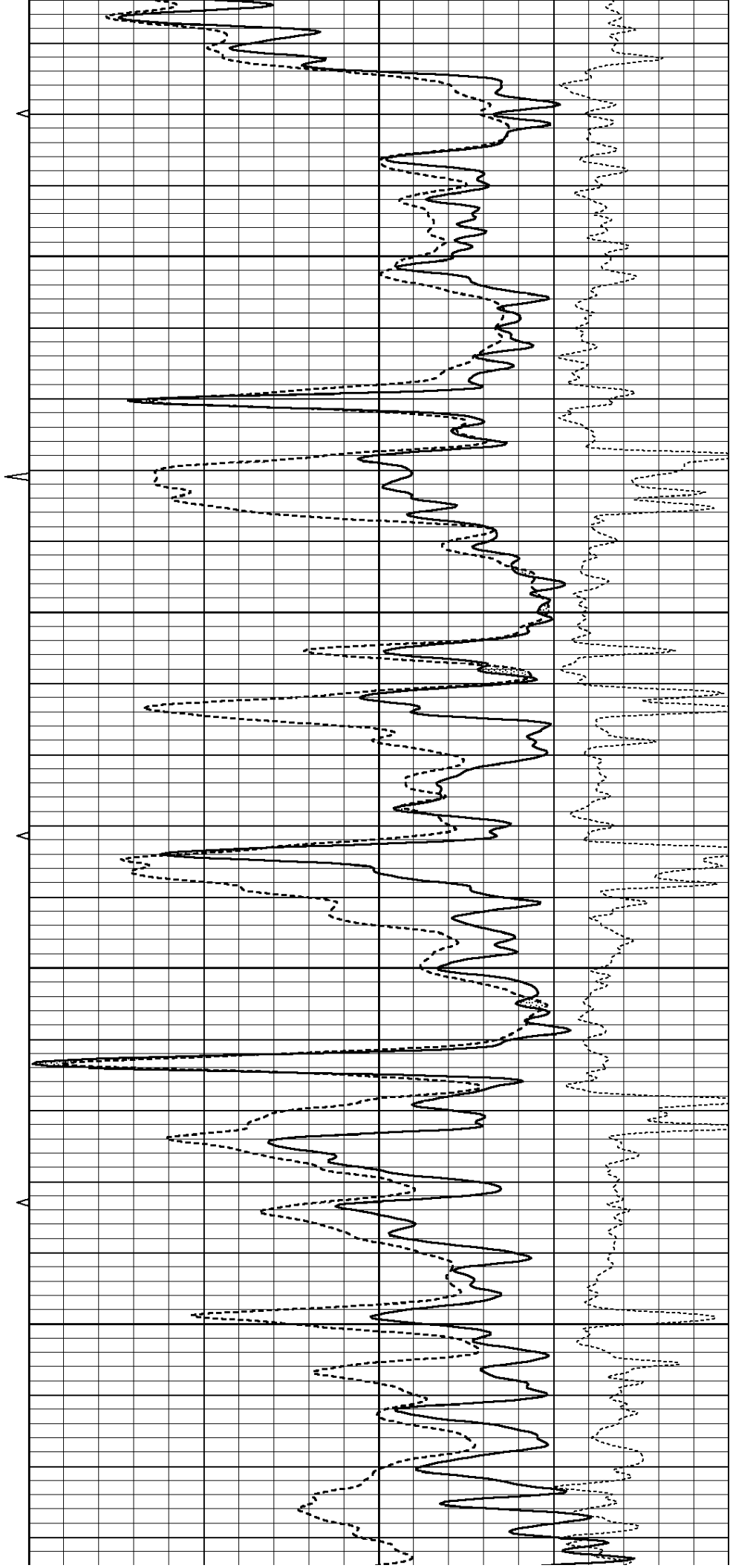
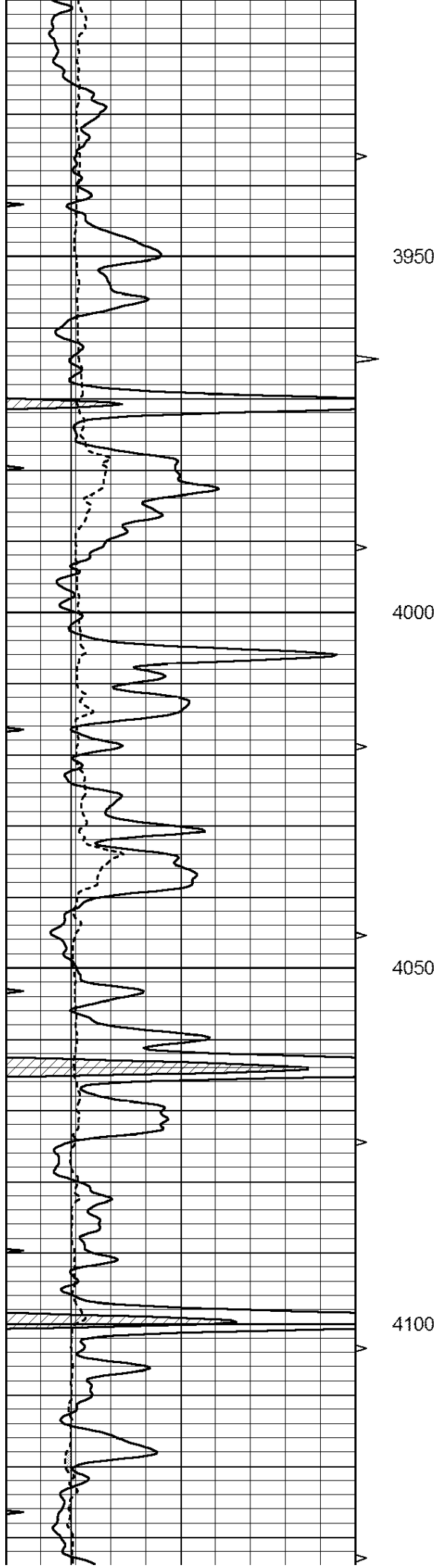
Depth in Feet scaled 1:240

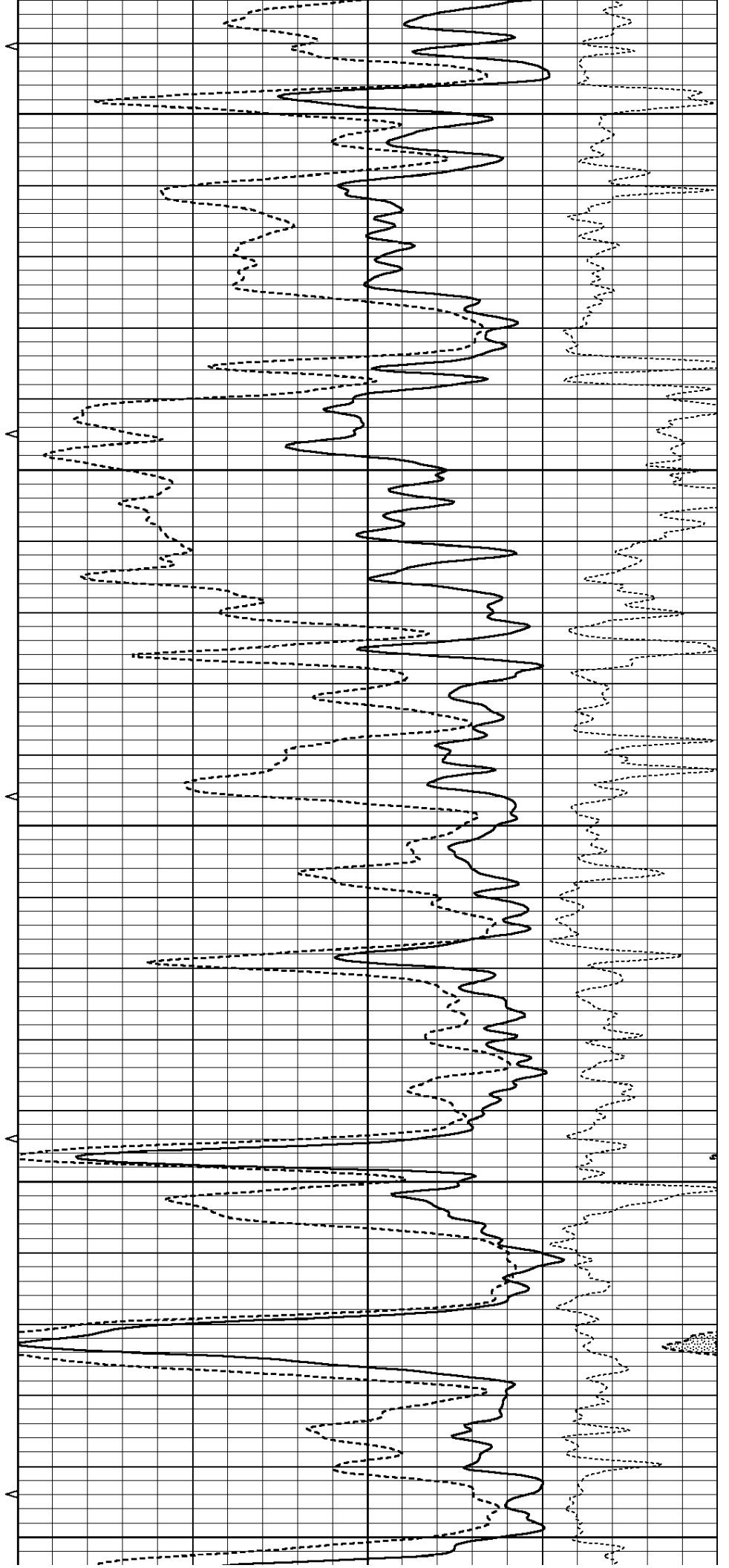
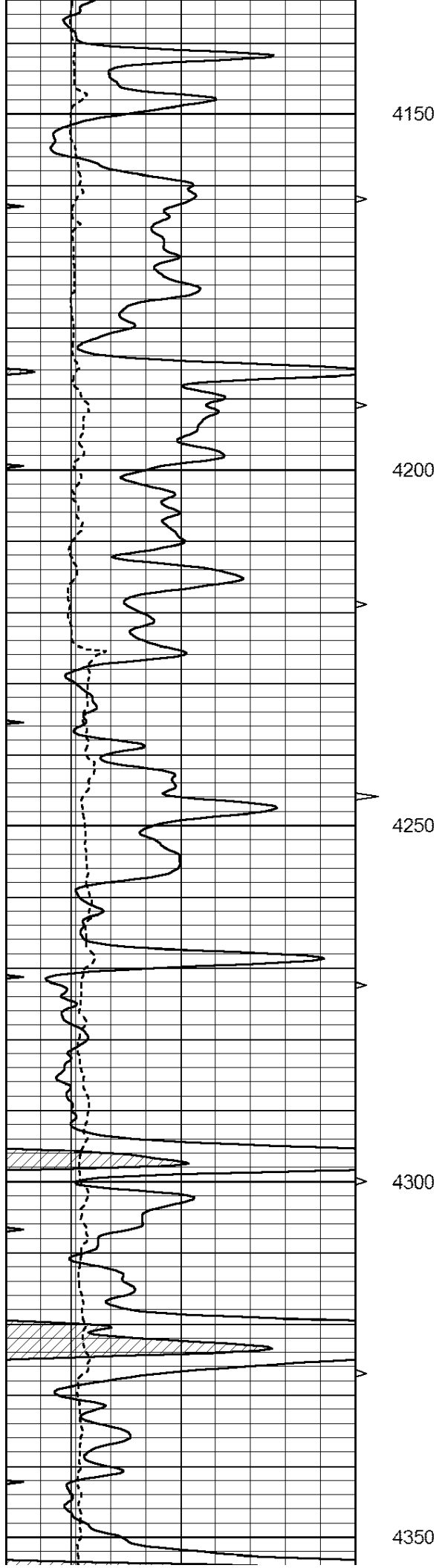
0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3)	0 30	COMPENSATED NEUTRON (pu)	-10
0	MINMK	20	TBHV		-0.25 CORRECTION (g/cc)	0.25
			0 (ft3)	10		

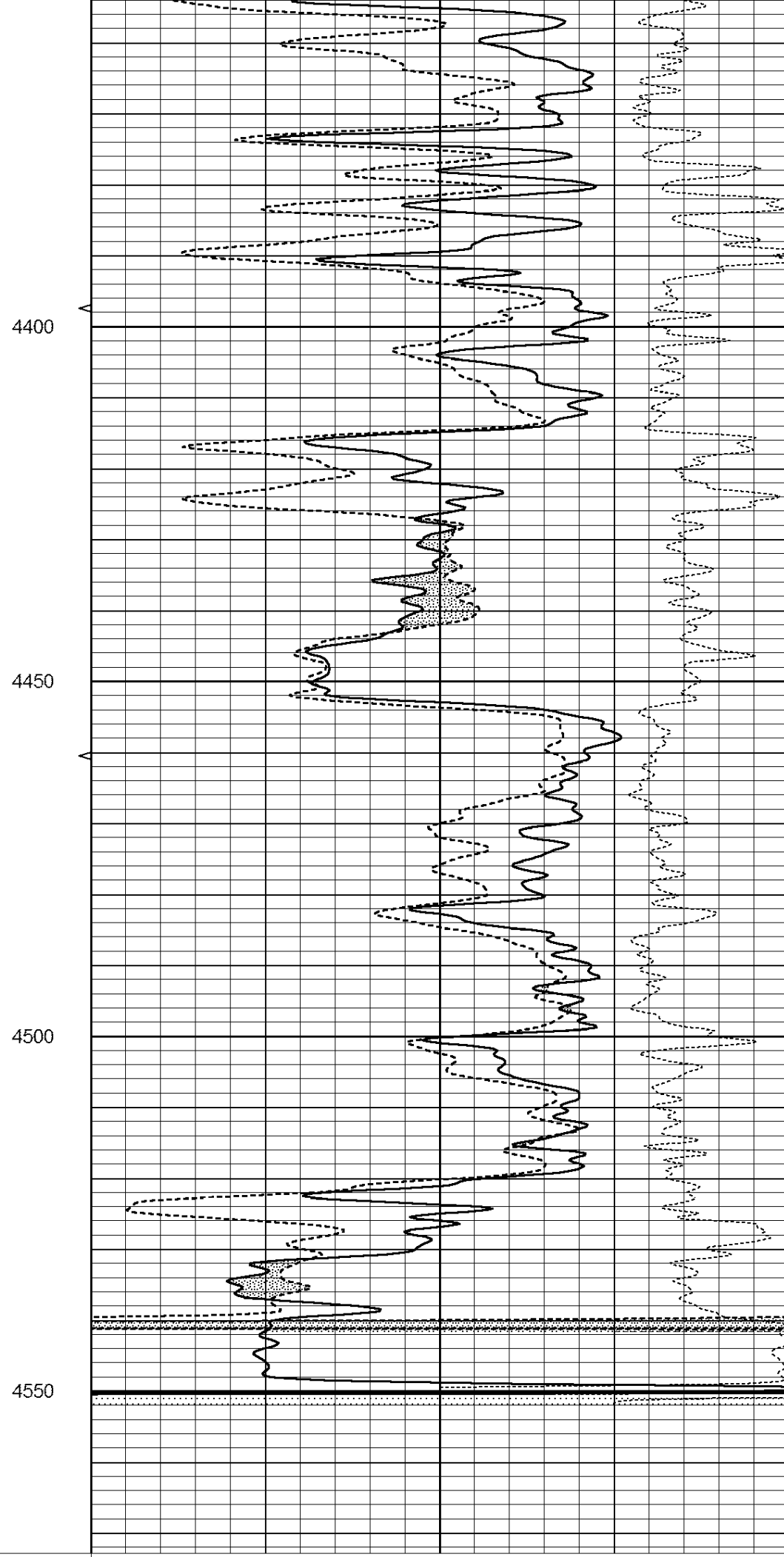
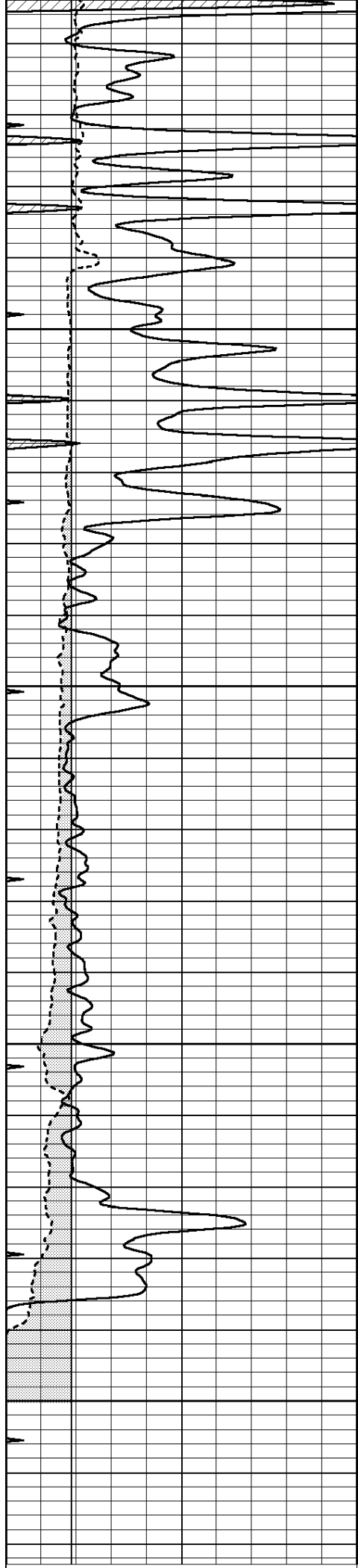












0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3) 0	30	COMPENSATED NEUTRON (pu)	-10
0	MINMK	20	TBHV		-0.25 CORRECTION (g/cc)	0.25
			0 (ft3) 10			