



SUPERIOR
Hays,
Kansas

DUAL
INDUCTION
LOG

Company		MULL DRILLING COMPANY, INC.	
Well		HARKNESS TRUST #1-5	
Field		WILDCAT	
County		NESS	
State		KANSAS	
Location:		API # : 15-135-25079-0000	
SEC 5 TWP 17S RGE 23W		CDL/CNL/PE MEL/SON	
Permanent Datum		GROUND LEVEL	
Log Measured From		KELLY BUSHING 5' A.G.L.	
Drilling Measured From		KELLY BUSHING	
Elevation		2489	
K.B. 2494		D.F. 2492	
G.L. 2489			
Date	6-27-10		
Run Number	ONE		
Depth Driller	4640		
Depth Logger	4644		
Bottom Logged Interval	4642		
Top Log Interval	0		
Casing Driller	8 5/8" @ 223		
Casing Logger			
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 6300 PPM	
Density / Viscosity	8.9/48		
pH / Fluid Loss	9.0/10.8		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.70 @ 93F		
Rmf @ Meas. Temp	.52 @ 93F		
Rmc @ Meas. Temp	.84 @ 93F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.53 @ 93F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	122F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	PHIL ASKEY		

<<< 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 SUPERIOR WELL SERVICE (785) 628-6395
DIRECTIONS
JCT. OF HWY 283 & HWY4 - 1 1/2 S. - 1/4 E. - S. INTO



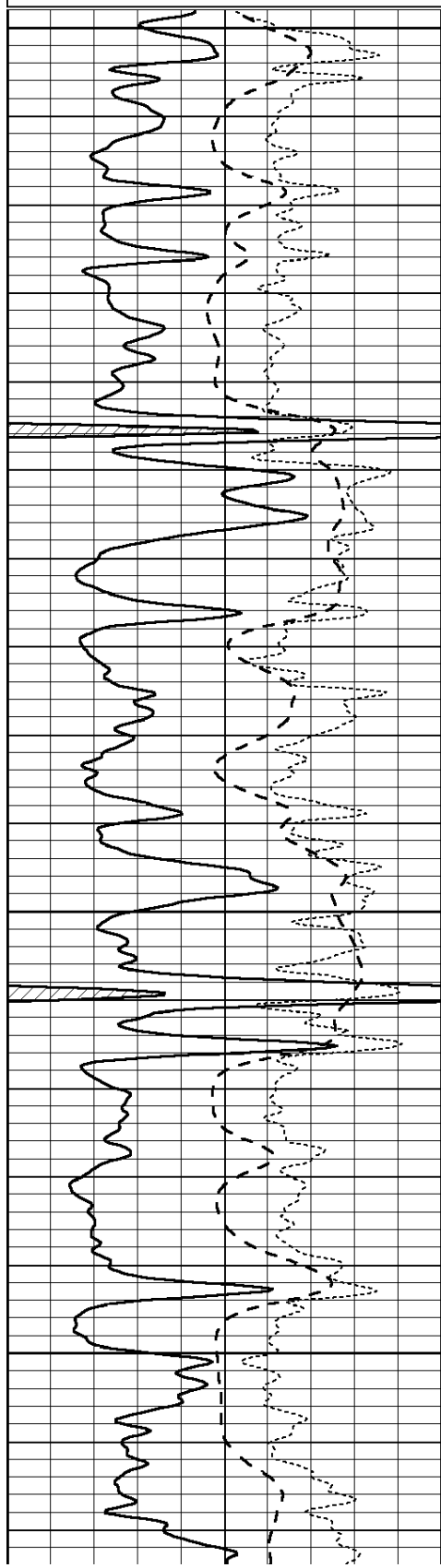
SUPERIOR
Hays,
Kansas

MAIN SECTION

Database File: 005151pe.db
Dataset Pathname: pass3.1
Presentation Format: _dil
Dataset Creation: Sun Jun 27 16:32:40 2010 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50

0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000

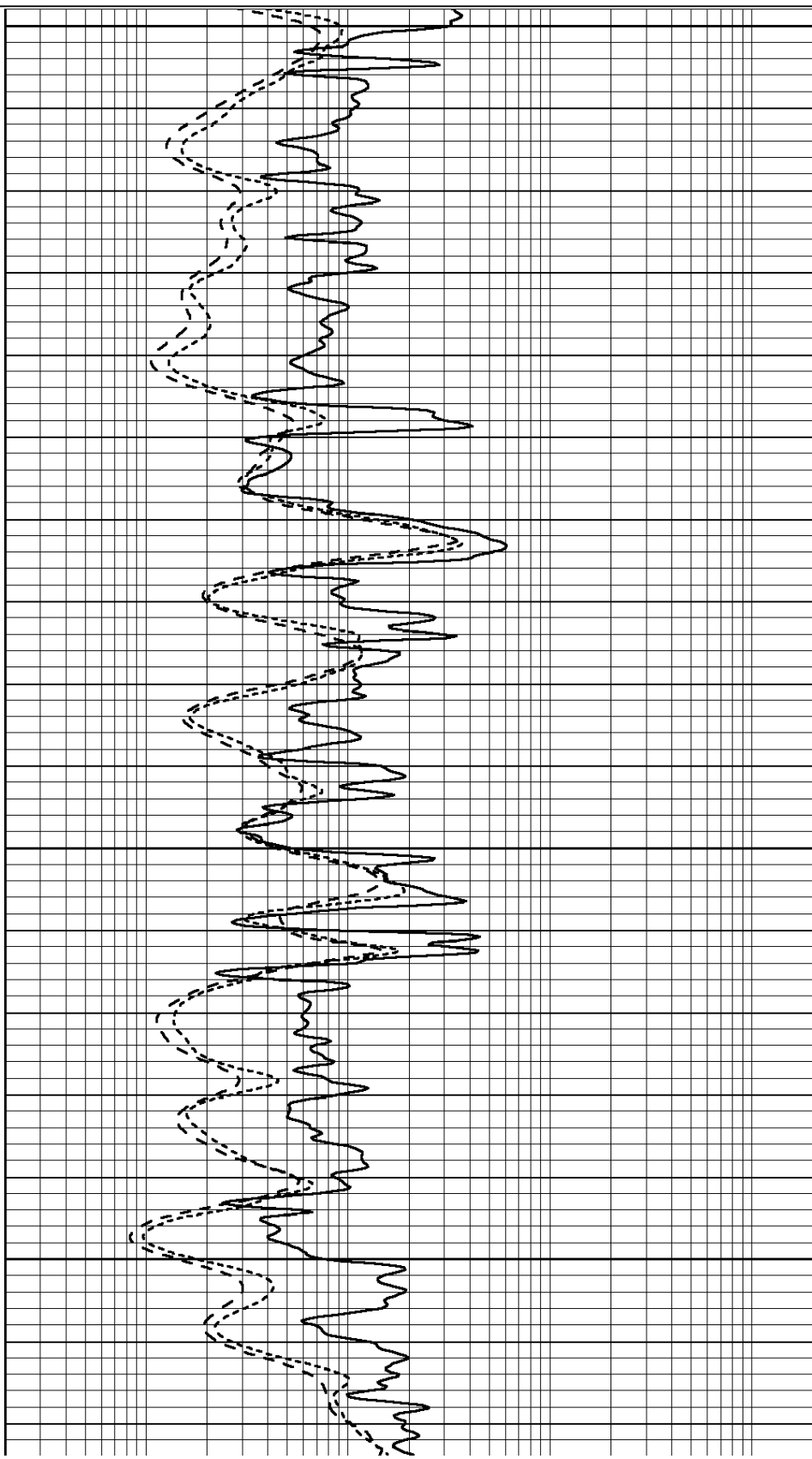


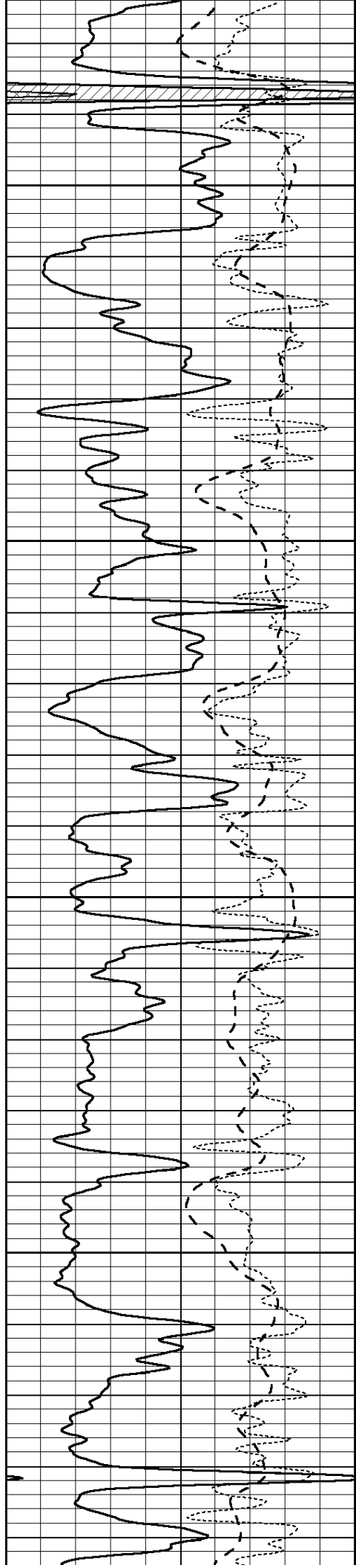
3700

3750

3800

3850



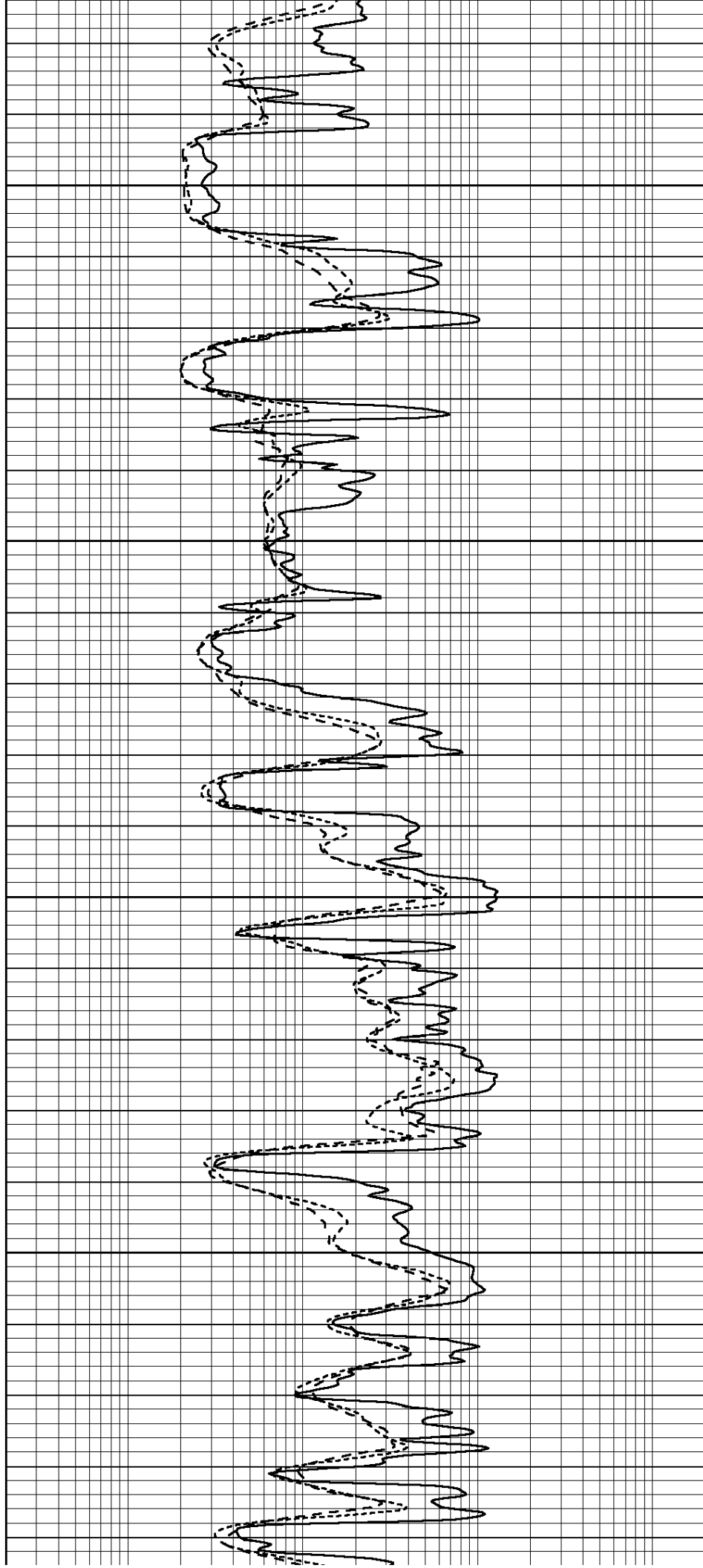


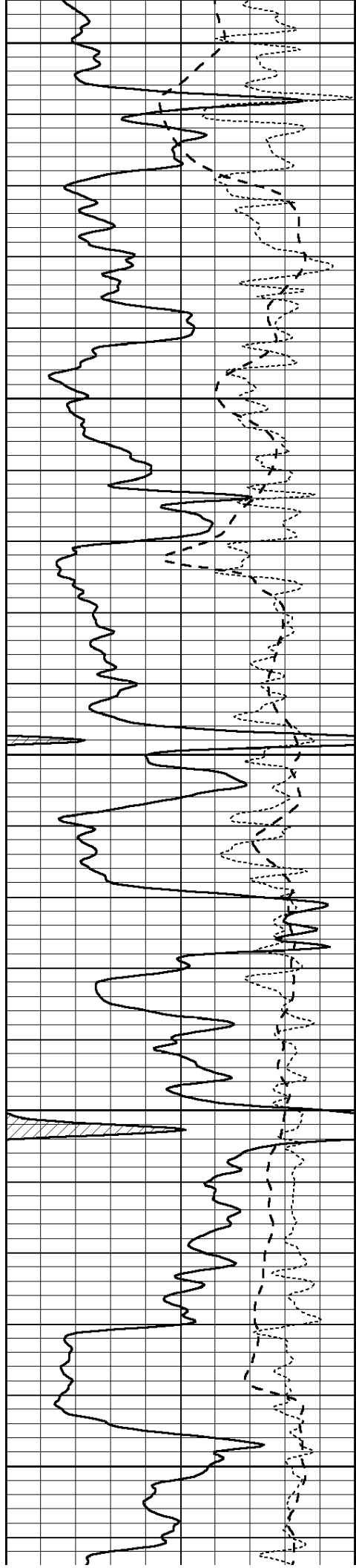
3900

3950

4000

4050





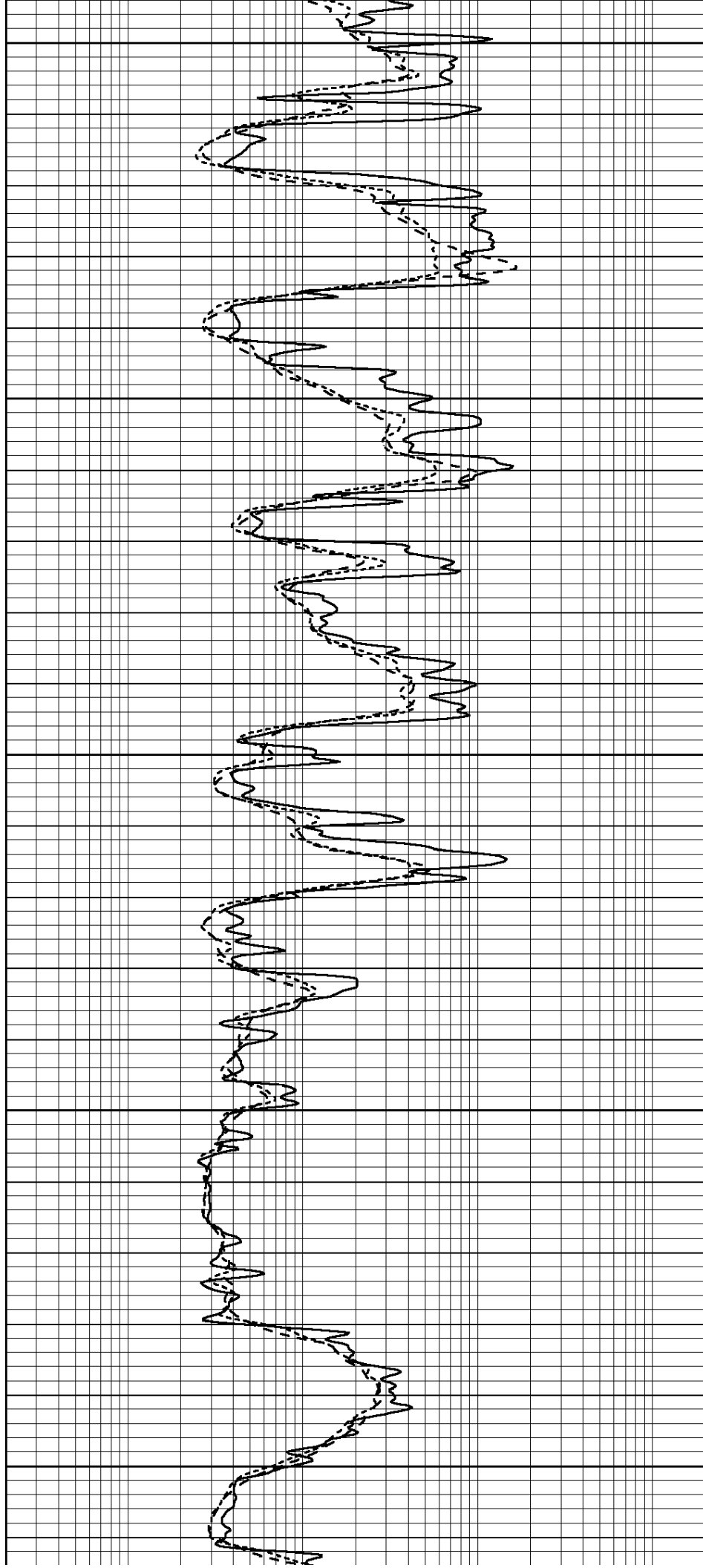
4100

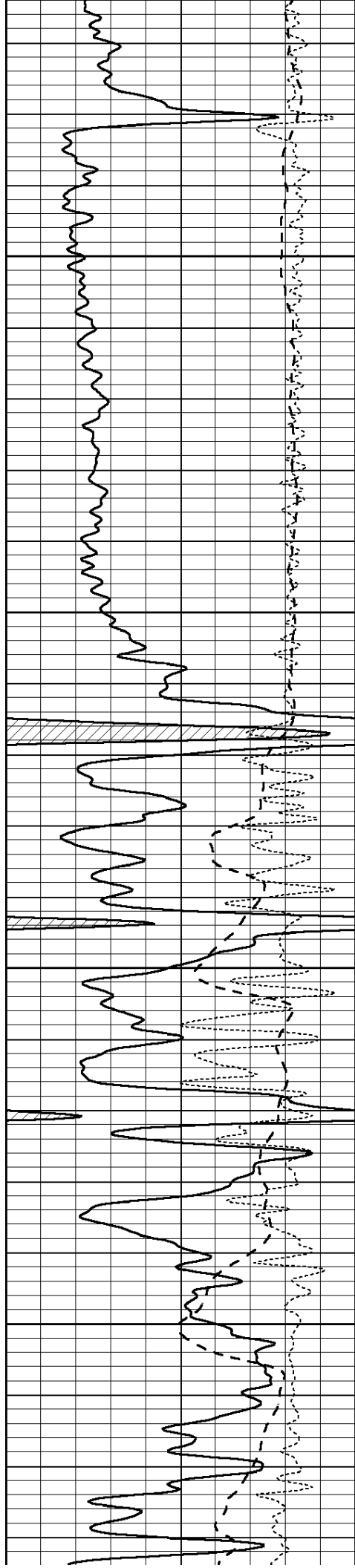
4150

4200

4250

4300



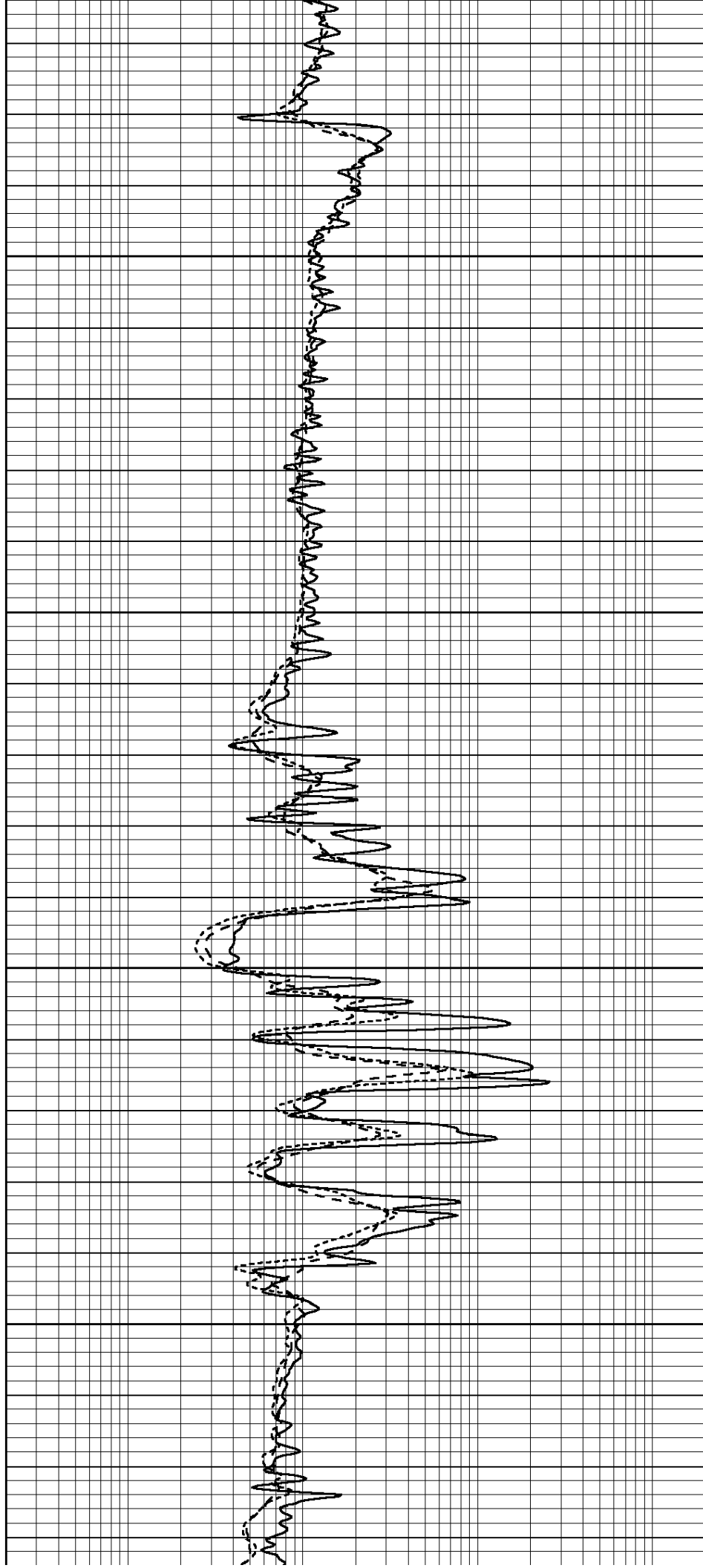


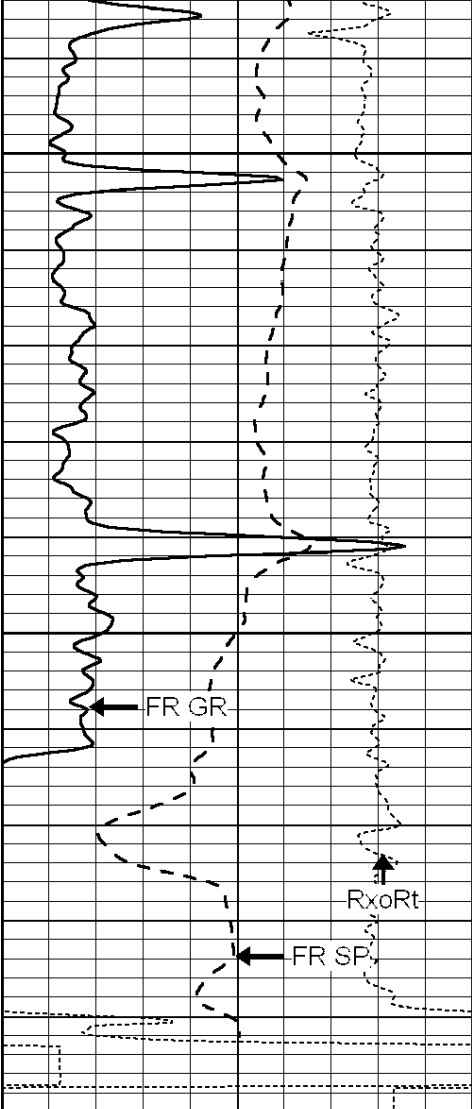
4350

4400

4450

4500





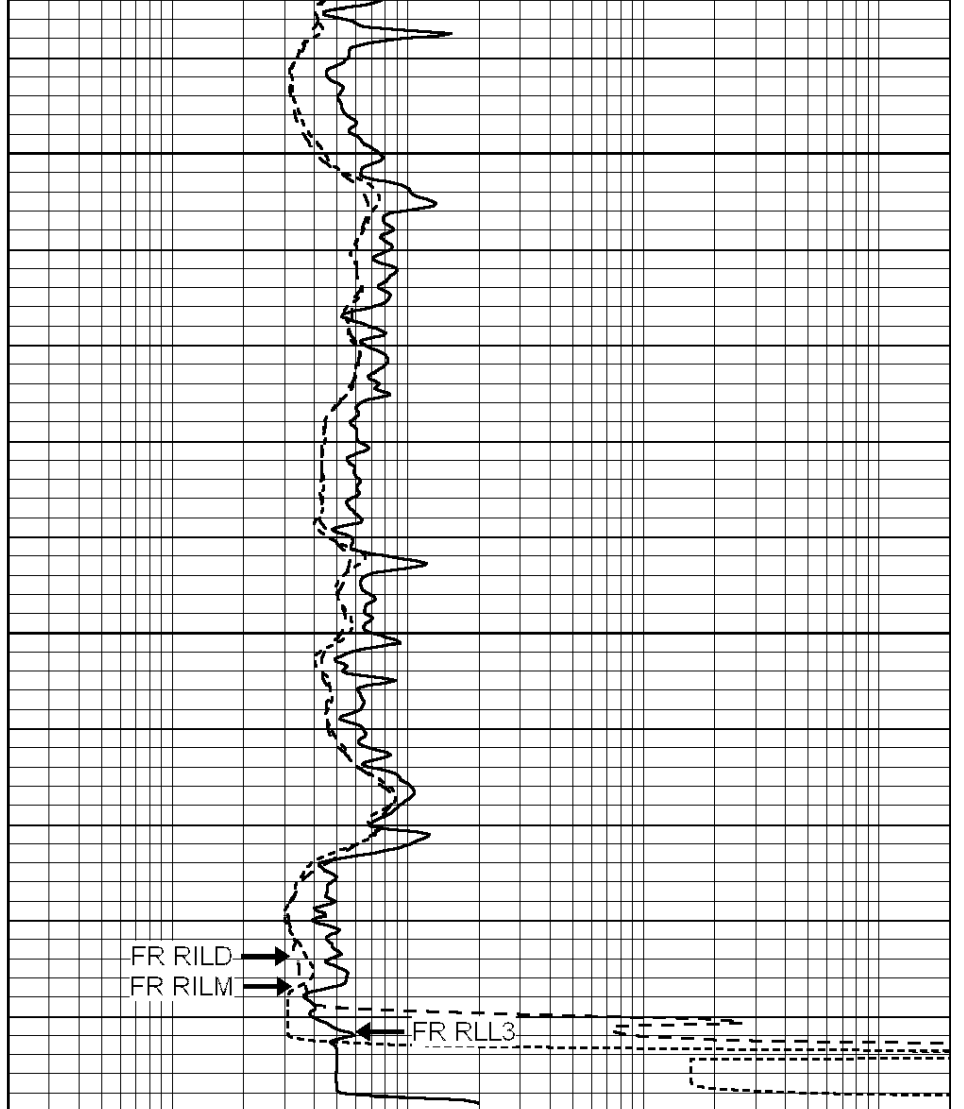
0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50

4550

4600

LTD 4644

4650



0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000

FR RILD
FR RILM

FR RLL3