



**SUPERIOR
Hays,
Kansas**

MICRO LOG

Company	PAXCO, INC.	Company	PAXCO, INC.
Well	SANDER #12	Well	SANDER #12
Field	TOULON	Field	TOULON
County	ELLIS	County	ELLIS
State	KANSAS	State	KANSAS
Location:	API # : 15-051-25871-0000	Other Services	CDL/CNL DIL
2172' FNL & 447' FEL SW - SW - NW			
SEC 10 TWP 14S RGE 17W			
Permanent Datum	GROUND LEVEL	Elevation	
Log Measured From	KELLY BUSHING 8' A.G.L.		
Drilling Measured From	KELLY BUSHING		
Date	7/25/09		
Run Number	TWO		
Depth Driller	3982'		
Depth Logger	3970'		
Bottom Logged Interval	3968'		
Top Log Interval	2900'		
Casing Driller	8 5/8" @ 653'		
Casing Logger	652'		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	8.7 / 63	CHLORIDES 5,100	
pH / Fluid Loss	10.0 / 8.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.65 @ 90F		
Rmf @ Meas. Temp	0.49 @ 90F		
Rmc @ Meas. Temp	0.78 @ 90F		
Source of Rmf / Rmc	CAL/CAL		
Rm @ BHT	0.50 @ 116F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	116F		
Equipment Number	680		
Location	HAYS, KS		
Recorded By	JEFF GRONEWEG		
Witnessed By	HERB DEINES	VINCE WERTH	

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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 SERVICES
HAYS, KS. 785-628-6395

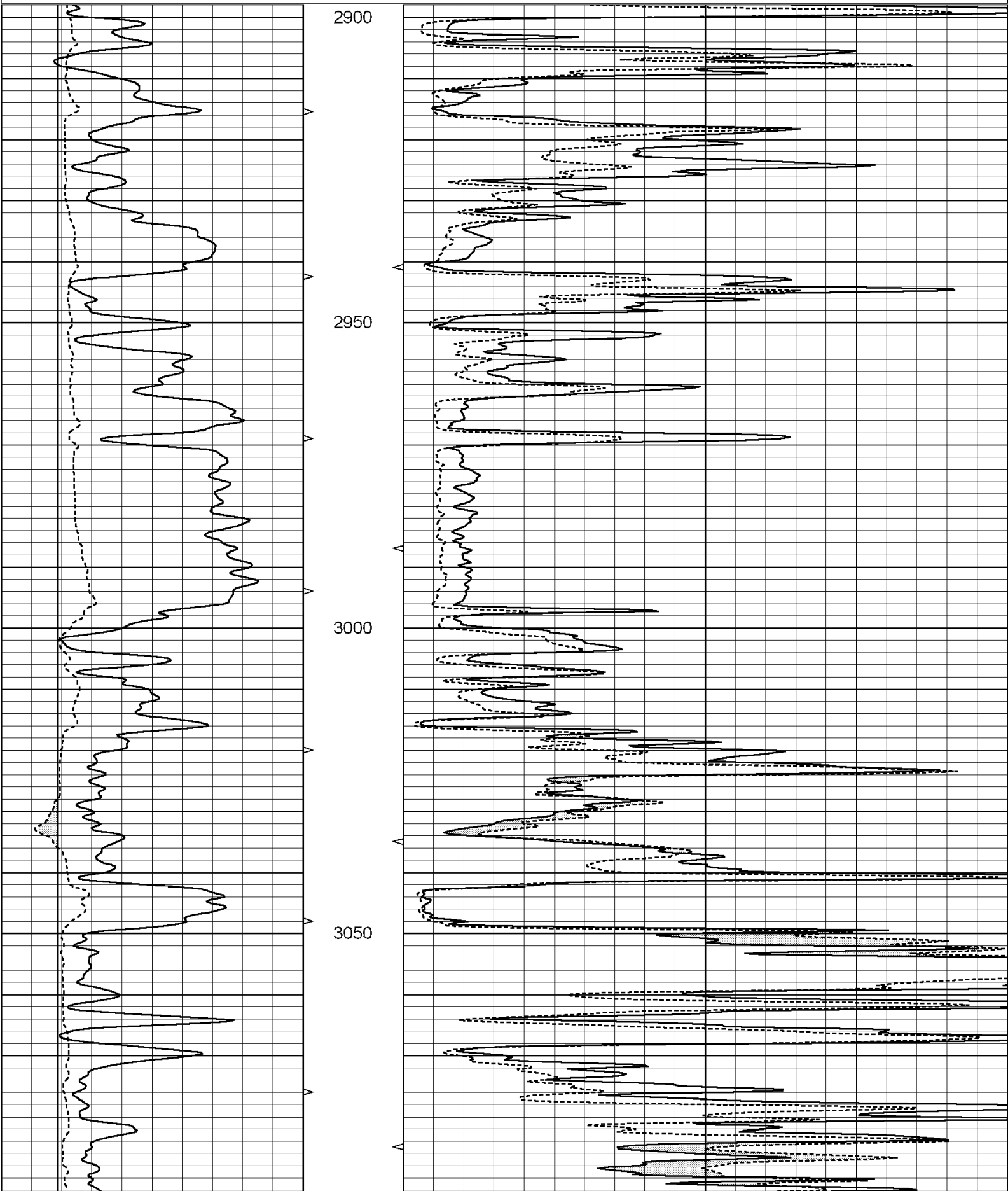
DIRECTIONS: TOULON ELEVATOR - 2 MILES EAST - 1/2 MILE NORTH
EAST INTO

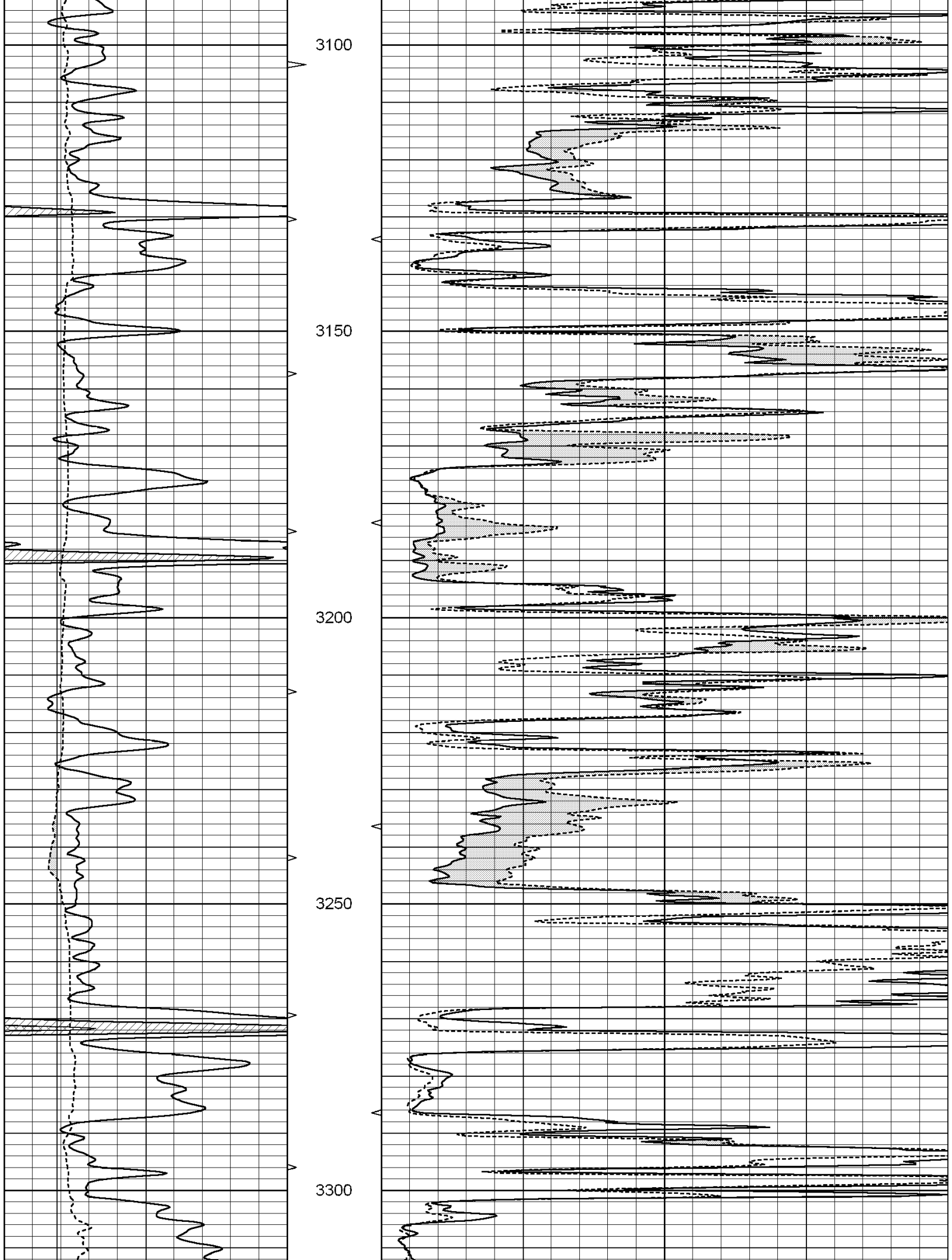
NOTE: WAS NOT ABLE TO REACH TD WITH SECOND PASS

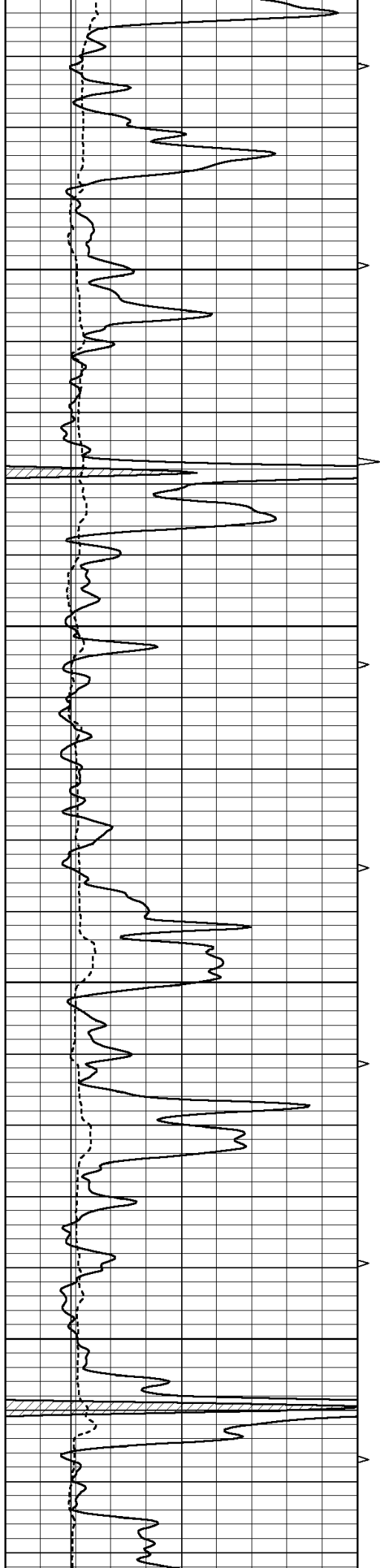
Charted by:

Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3) 0 0	0	MEL2.0 (Ohm-m)	40
			TBHV			
			0 (ft3) 10			





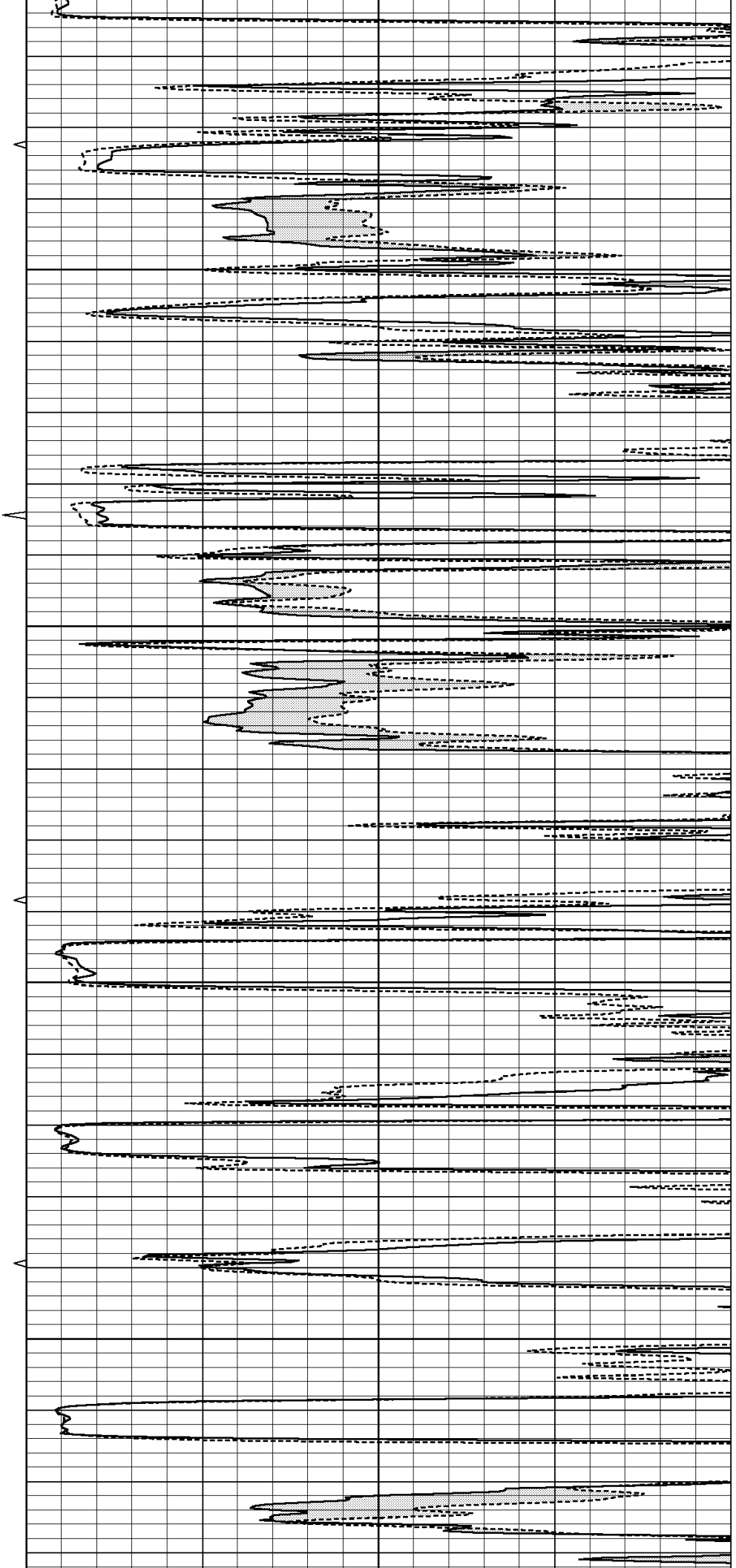


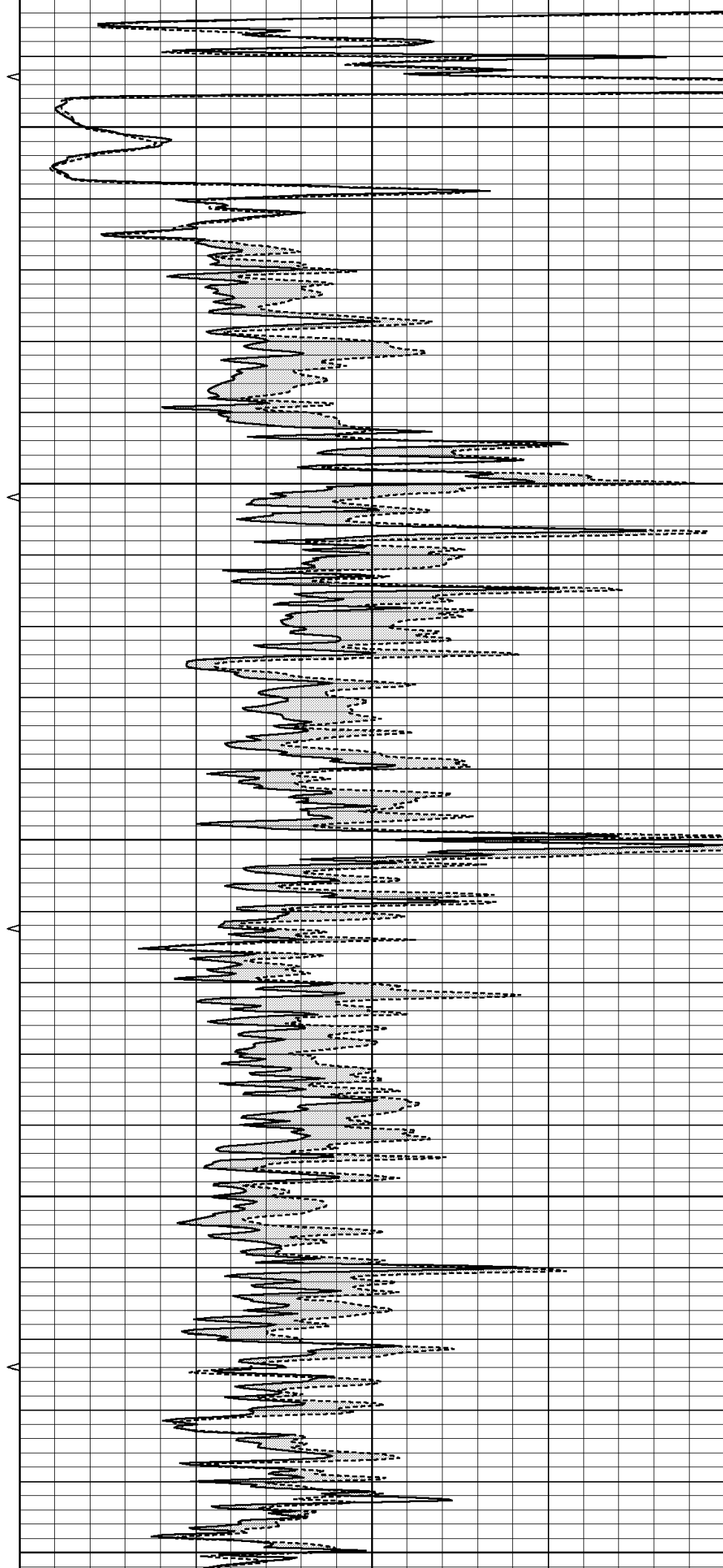
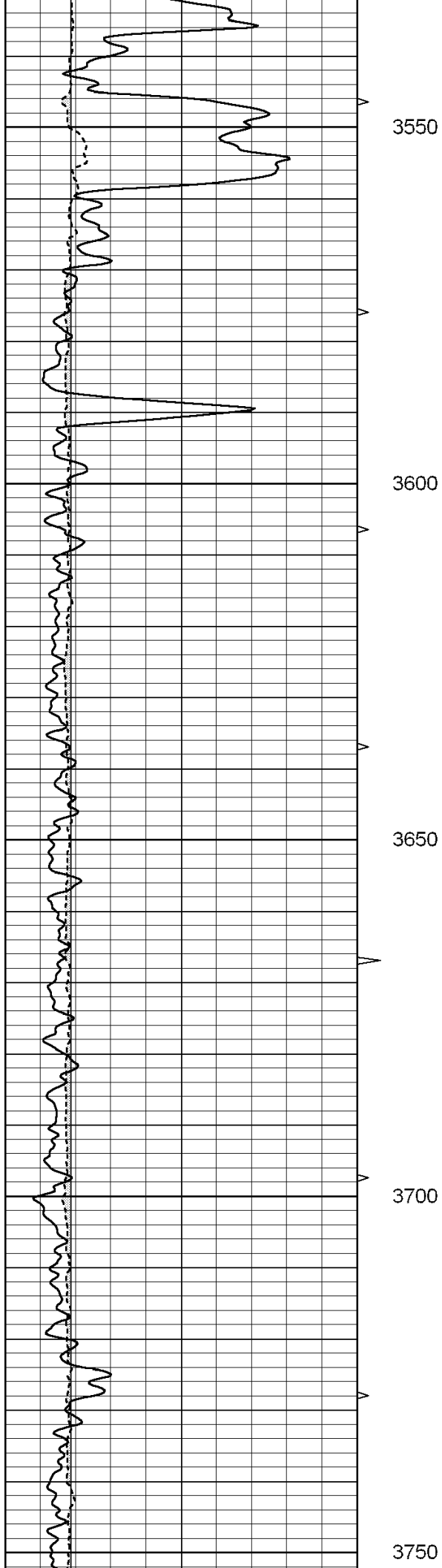
3350

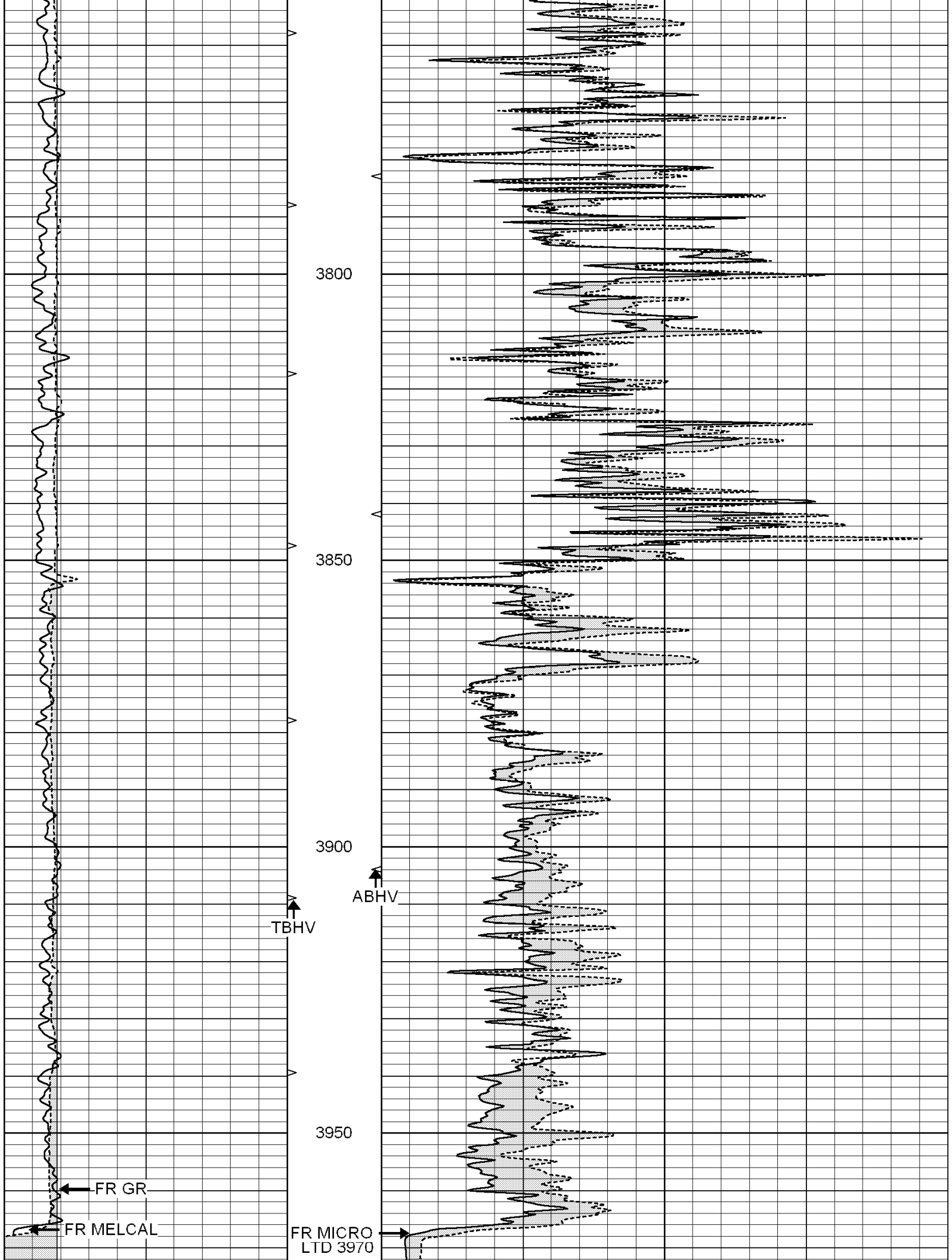
3400

3450

3500







0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3) 0	0	MEL2.0 (Ohm-m)	40
			TBHV			
			0 (ft3) 10			

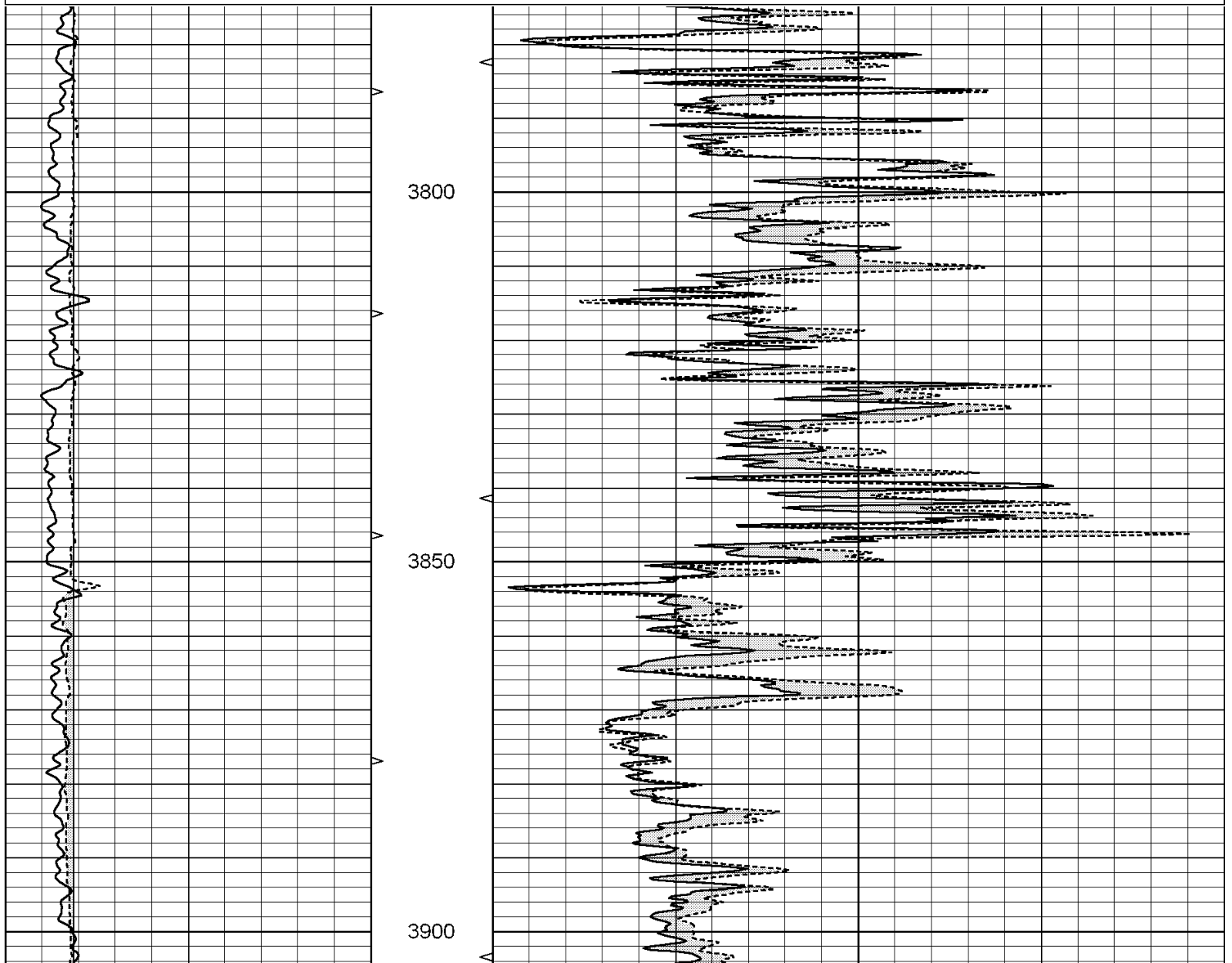


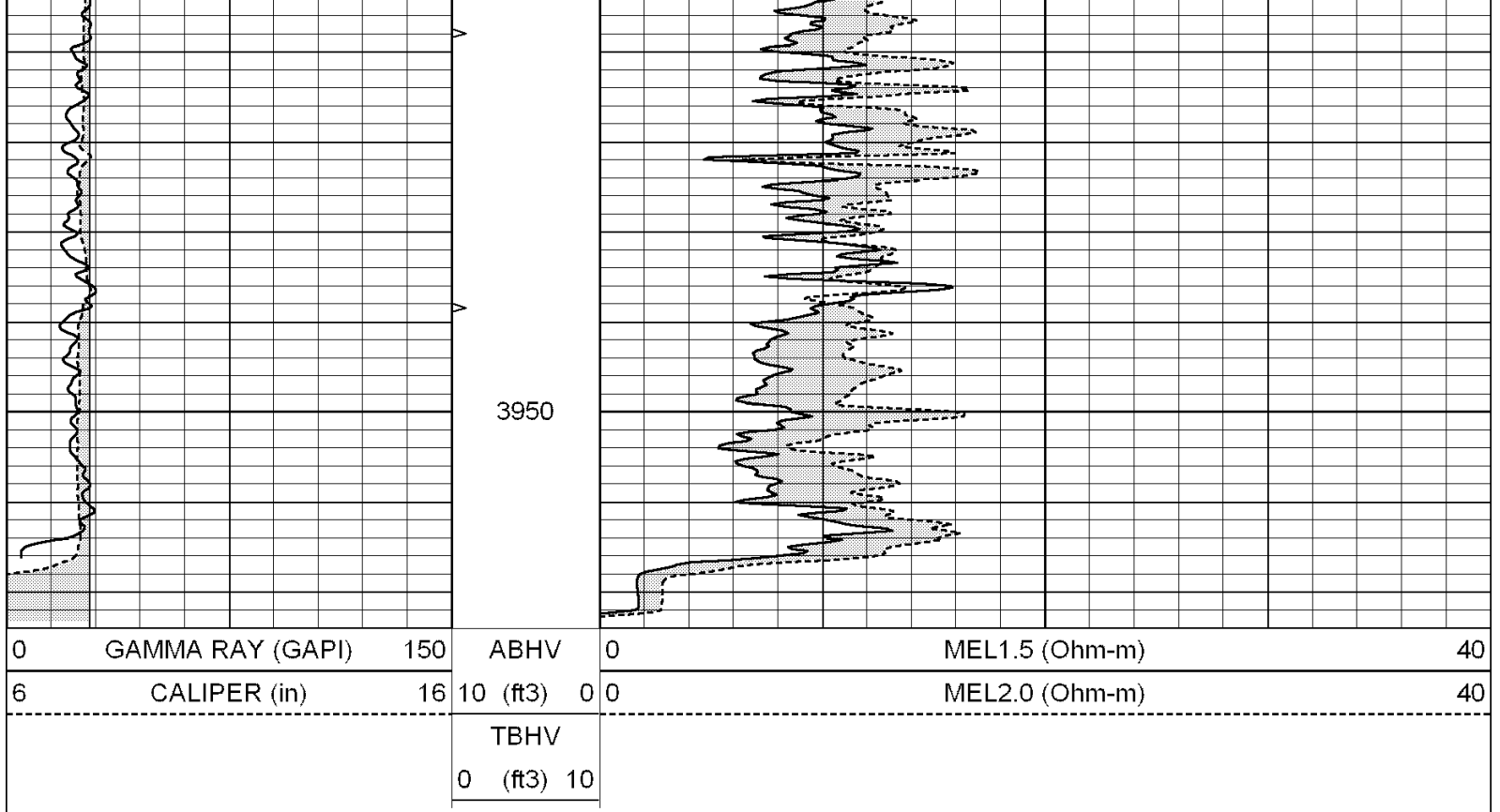
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REPEAT SECTION

Database File: 004082ddn.db
Dataset Pathname: pass4.2
Presentation Format: _micro
Dataset Creation: Sat Jul 25 18:27:16 2009 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3) 0	0	MEL2.0 (Ohm-m)	40
			TBHV			
			0 (ft3) 10			





Calibration Report			
Database File:	004082ddn.db		
Dataset Pathname:	pass5.1		
Dataset Creation:	Sat Jul 25 18:22:12 2009 by Calc Open-Cased 090629		
MICRO Calibration Report			
Serial Number:	MICRO6		
Tool Model:	PROBE		
Performed:	Wed Dec 12 15:00:13 2007		
Caliper Calibration:	Gain=3.900	Offset=3.177	
	Low Cal	High Cal	
References	7.900	14.250	
Readings	1.185	2.814	
1.5" Calibration:	Gain=32.781	Offset=-1.051	
	Low Cal	High Cal	
References	0.000	20.000	
Readings	0.008	1.200	
2" Calibration:	Gain=40.739	Offset=-1.093	
	Low Cal	High Cal	
References	0.000	20.000	
Readings	0.008	0.888	
Gamma Ray Calibration Report			
Serial Number:	GR6		
Tool Model:	OPEN		
Performed:	Thu Jul 09 09:06:42 2009		
Calibrator Value:	150.0	GAPI	
Background Reading:	0.0	cps	

Calibrator Reading:

276.0

cps

Sensitivity:

0.6835

GAPI/cps