NABORS
COMPLETION & PRODUCTION SERVICES CO.

MICRO LOG

Company MAI OIL OPERATIONS, INC.
Well RON KRUG #1
Field TRAPP
County RUSSELL State KANSAS

Location: API # : 15-167-2394-00-00
1800' FSL & 330' FWL
N2 - SW - NW - SW
SEC 11 TWP 15S RGE 14W

Other Services
CNL/CDL
DIL

Permanent Datum	GROUND LEVEL	Elevation	1855
Log Measured From	KELLY BUSHING 8' A.G.L.		
Drilling Measured From	KELLY BUSHING		

Elevation
K.B. 1863
D.F. 1861
G.L. 1855

Date	2-23-14		
Run Number	TWO		
Depth Driller	3400		
Depth Logger	3398		
Bottom Logged Interval	3396		
Top Log Interval	2200		
Casing Driller	8 5/8 @ 516'		
Casing Logger	515'		
Bit Size	7.875		
Type Fluid in Hole	STARCH MUD	CHLORIDES 9,000	
Density / Viscosity	9.6 / 59		
pH / Fluid Loss	8.0 / 11.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.70 @ 64F		
Rmf @ Meas. Temp	0.53 @ 64F		
Rmc @ Meas. Temp	0.84 @ 64F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	0.40 @ 110F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	110F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	IAN MABB		
Witnessed By	KURT TALBOTT		

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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

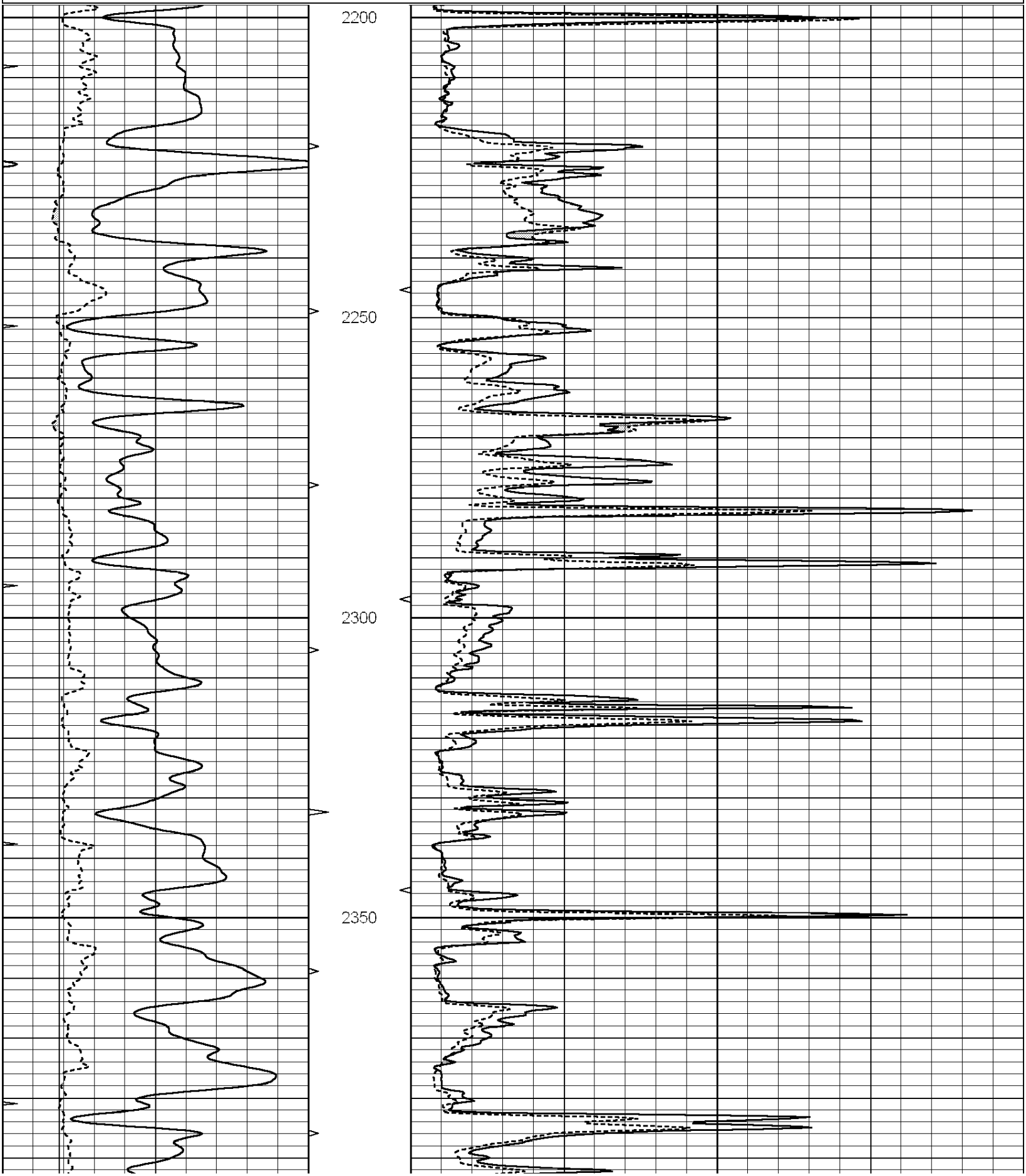
NABORS COMPLETION & PRODUCTION SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: RUSSELL, KS - SOUTH TO MITCHELL RD. - WEST 1/4 - NORTH INTO

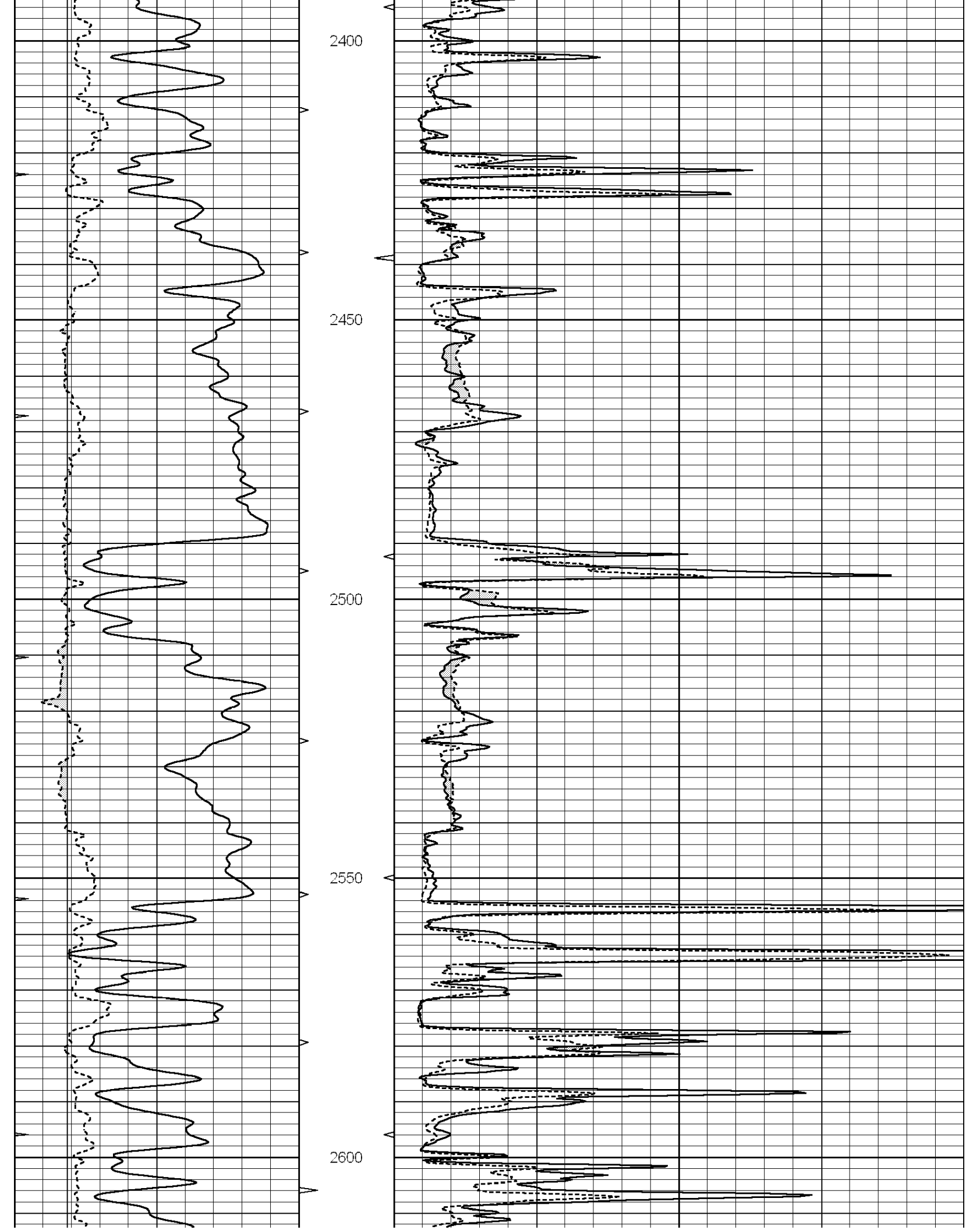
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Dataset Pathname: pass7.1
Presentation Format: _micro
Dataset Creation: Sun Mar 23 12:28:44 2014 by Calc Open-Cased 090629

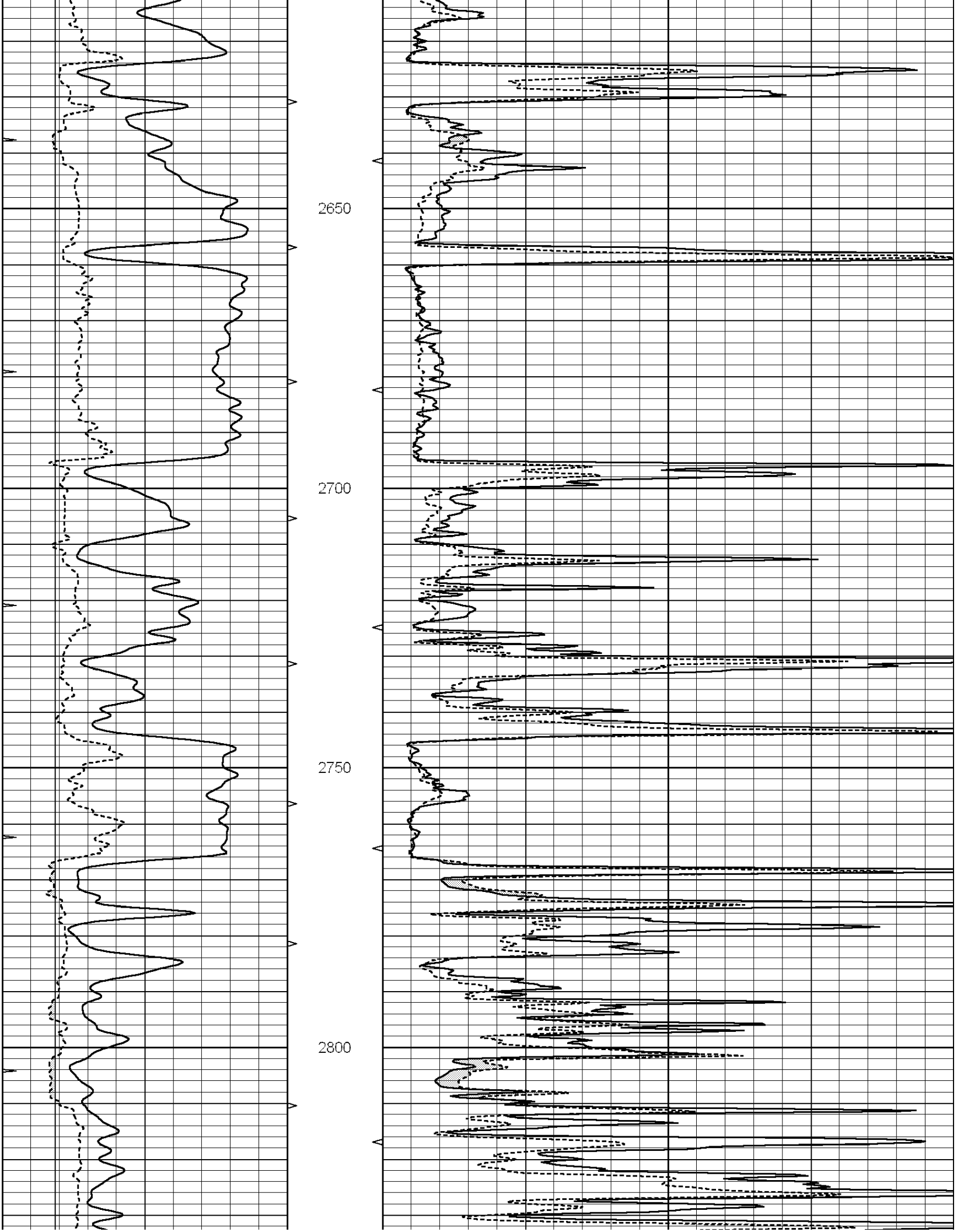
Charted by: Depth in Feet scaled 1:240

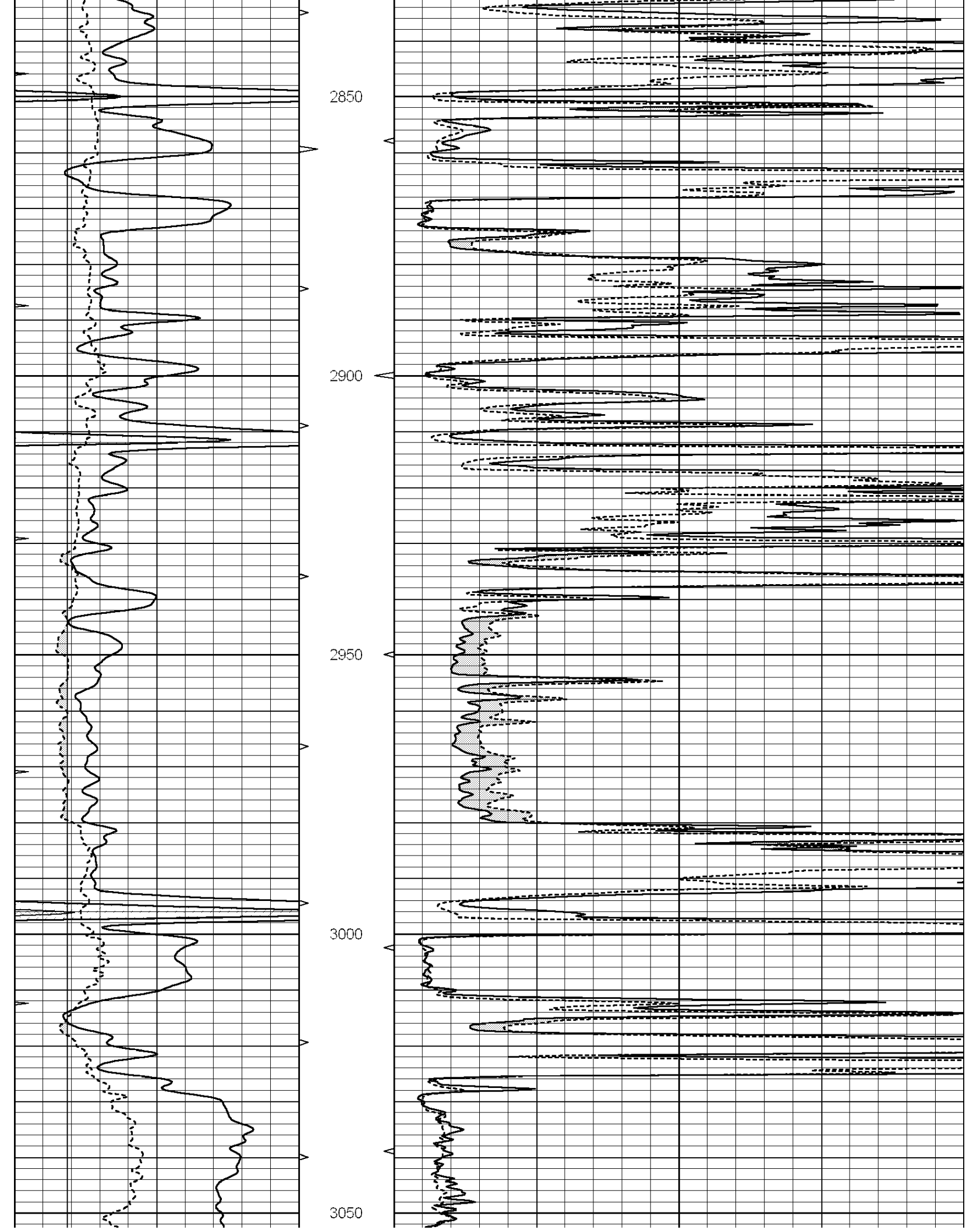
0	GAMMA RAY (GAPI)	150
6	MELCAL (in)	16
0	MINMK	20

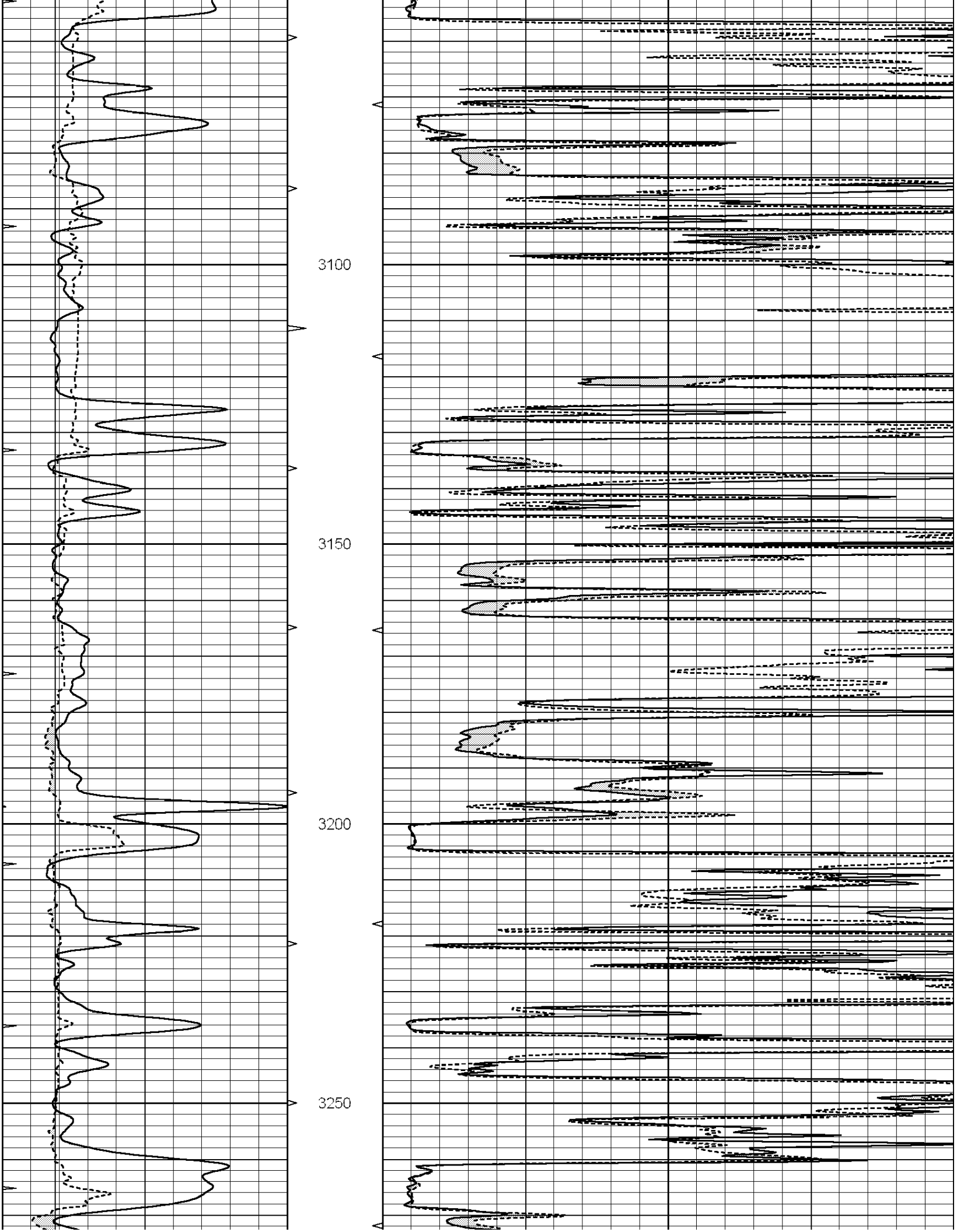
0	MEL1.5 (Ohm-m)	40
0	MEL2.0 (Ohm-m)	40

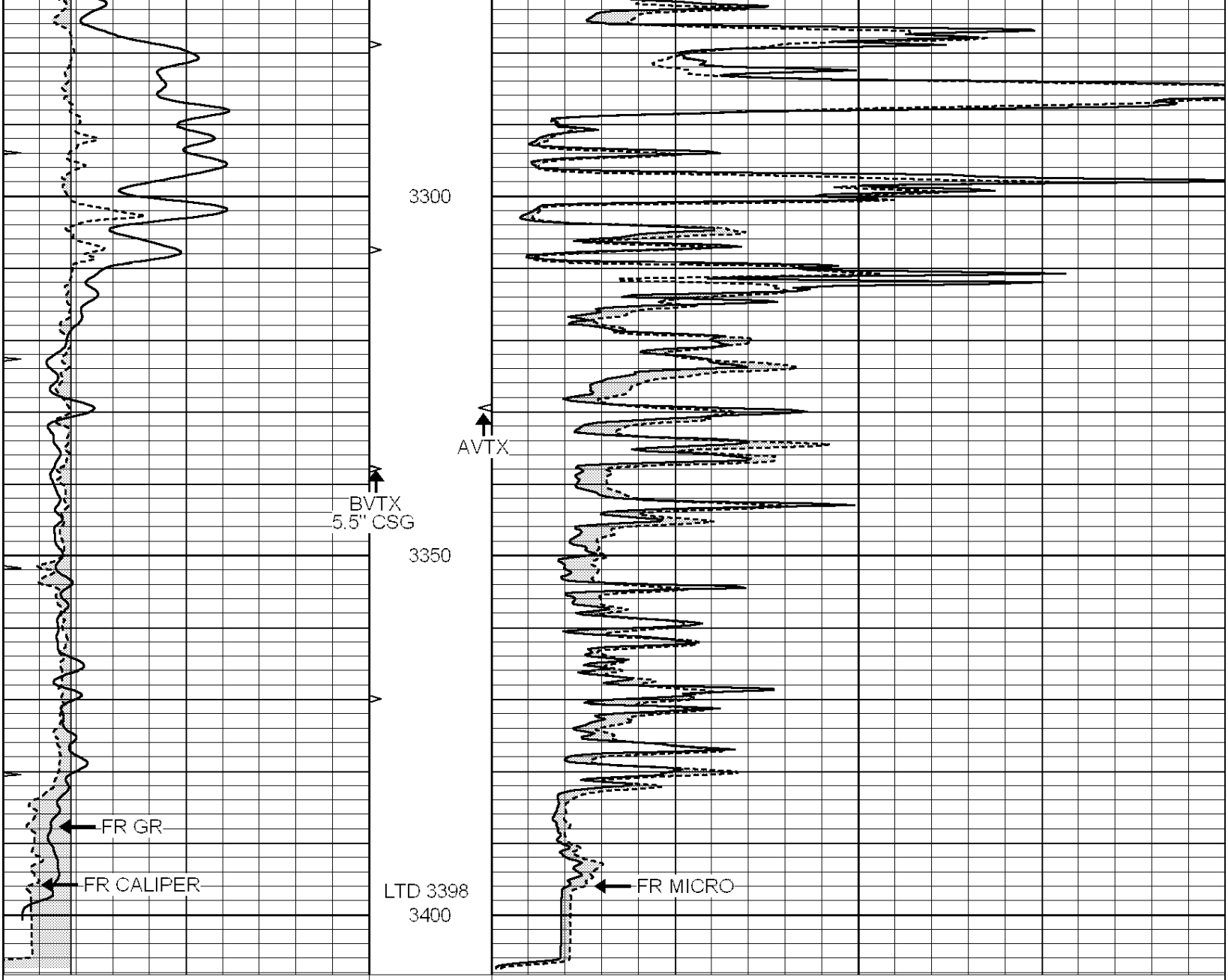



2400
2450
2500
2550
2600


2650
2700
2750
2800


2850
2900
2950
3000
3050


3100
3150
3200
3250



0	GAMMA RAY (GAPI)	150
6	MELCAL (in)	16
0	MINMK	20

0	MEL1.5 (Ohm-m)	40
0	MEL2.0 (Ohm-m)	40

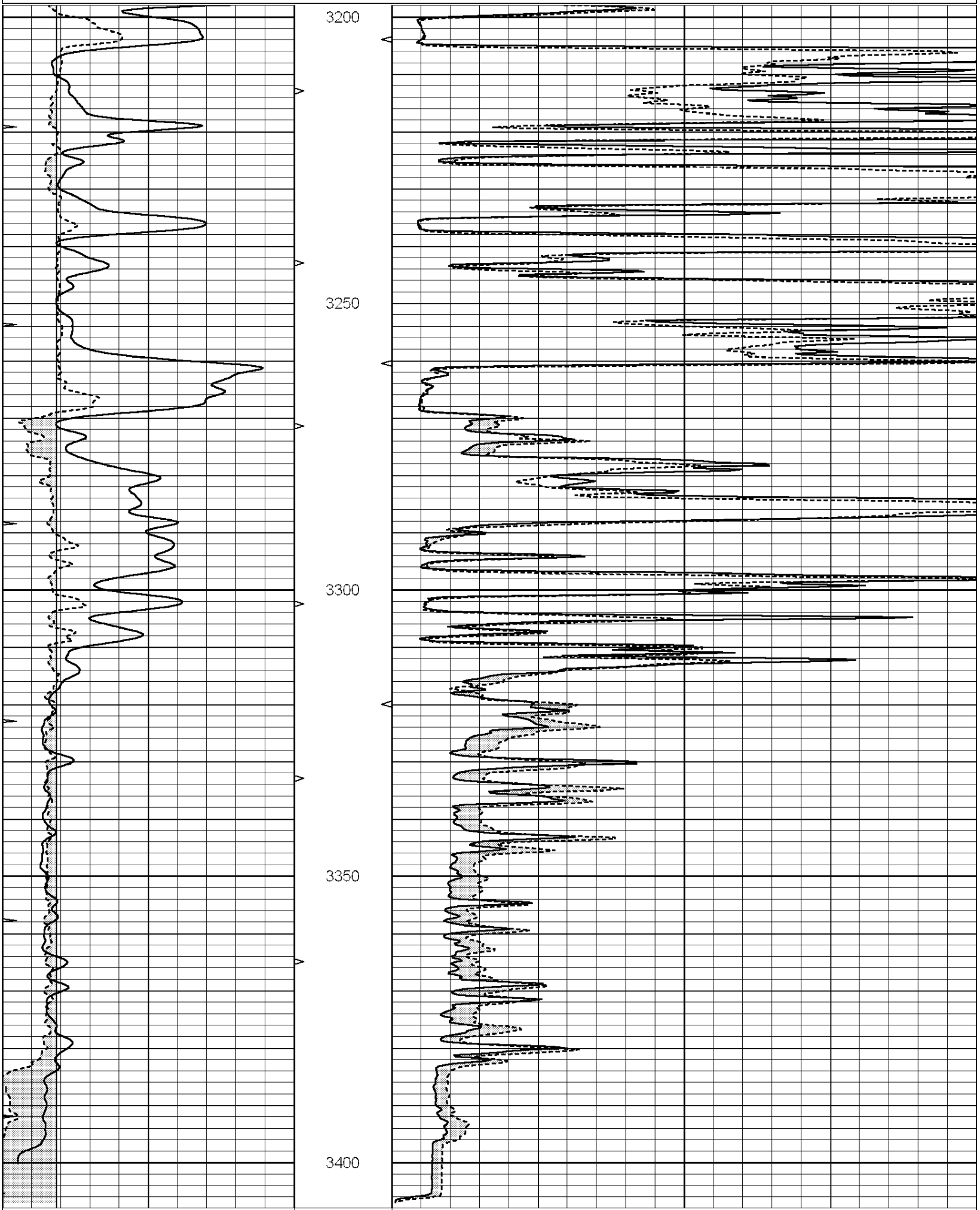
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REPEAT SECTION

Database File:	23923ddn.db
Dataset Pathname:	pass6.1
Presentation Format:	_micro
Dataset Creation:	Sun Mar 23 11:53:37 2014 by Calc Open-Cased 090629
Charted by:	Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
6	MELCAL (in)	16
0	MINMK	20

0	MEL1.5 (Ohm-m)	40
0	MEL2.0 (Ohm-m)	40


3200
3250
3300
3350
3400
0
GAMMA RAY (GAPI)
150
0
MEL1.5 (Ohm-m)
40
6
MELCAL (in)
16
0
MEL2.0 (Ohm-m)
40

0	MEESAL (in)	10
0	MINMK	20

0	MEEZ.5 (OHMM)	10

Calibration Report

Database File: 23923ddn.db
Dataset Pathname: pass7.1
Dataset Creation: Sun Mar 23 12:28:44 2014 by Calc Open-Cased 090629

MICRO Calibration Report

Serial Number:	MICRO5	
Tool Model:	PROBE	
Performed:	Wed Mar 05 19:18:42 2014	
Caliper Calibration:	Gain=3.536	Offset=-6.100
	Low Cal	High Cal
References	6.200	15.000
Readings	3.737	5.660
1.5" Calibration:	Gain=20.334	Offset=0.250
	Low Cal	High Cal
References	0.000	20.000
Readings	0.025	1.009
2" Calibration:	Gain=25.398	Offset=0.400
	Low Cal	High Cal
References	0.000	20.000
Readings	0.014	0.802

Gamma Ray Calibration Report

Serial Number:	GR2	
Tool Model:	OPEN	
Performed:	Wed Mar 05 19:06:11 2014	
Calibrator Value:	200.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	740.0	cps
Sensitivity:	0.3400	GAPI/cps