



**COMPLETION  
& PRODUCTION  
SERVICES CO.**

**MICRO  
LOG**

Company FOURWINDS OIL CORPORATION  
Well VANLOENEN UNIT #1  
Field WILDCAT  
County NORTON State KANSAS

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Well VANLOENEN UNIT #1  
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County NORTON  
State KANSAS

Location: API #: 15-137-20726-00-00  
1340' FSL & 650' FEL  
SW - SE - NE - SE  
SEC 35 TWP 4S RGE 21W  
Permanent Datum GROUND LEVEL Elevation 1996  
Log Measured From KELLY BUSHING 5' A.G.L.  
Drilling Measured From KELLY BUSHING  
Other Services  
CNL/CDL  
DIL  
Elevation  
K.B. 2001  
D.F. 1999  
G.L. 1996

Date	11/30/14		
Run Number	TWO		
Depth Driller	3490		
Depth Logger	3490		
Bottom Logged Interval	3488		
Top Log Interval	2850		
Casing Driller	8 5/8 @ 220'		
Casing Logger	220'		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.0/43	CHLORIDES 1,000 PPM	
pH / Fluid Loss	10.0/8.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.1 @ 71F		
Rmf @ Meas. Temp	0.83 @ 71F		
Rmc @ Meas. Temp	1.32 @ 71F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	0.70 @ 111F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	111F		
Equipment Number	3802		
Location	HAYS, KS.		
Recorded By	IAN MABB		
Witnessed By	JEFF LAWLER		

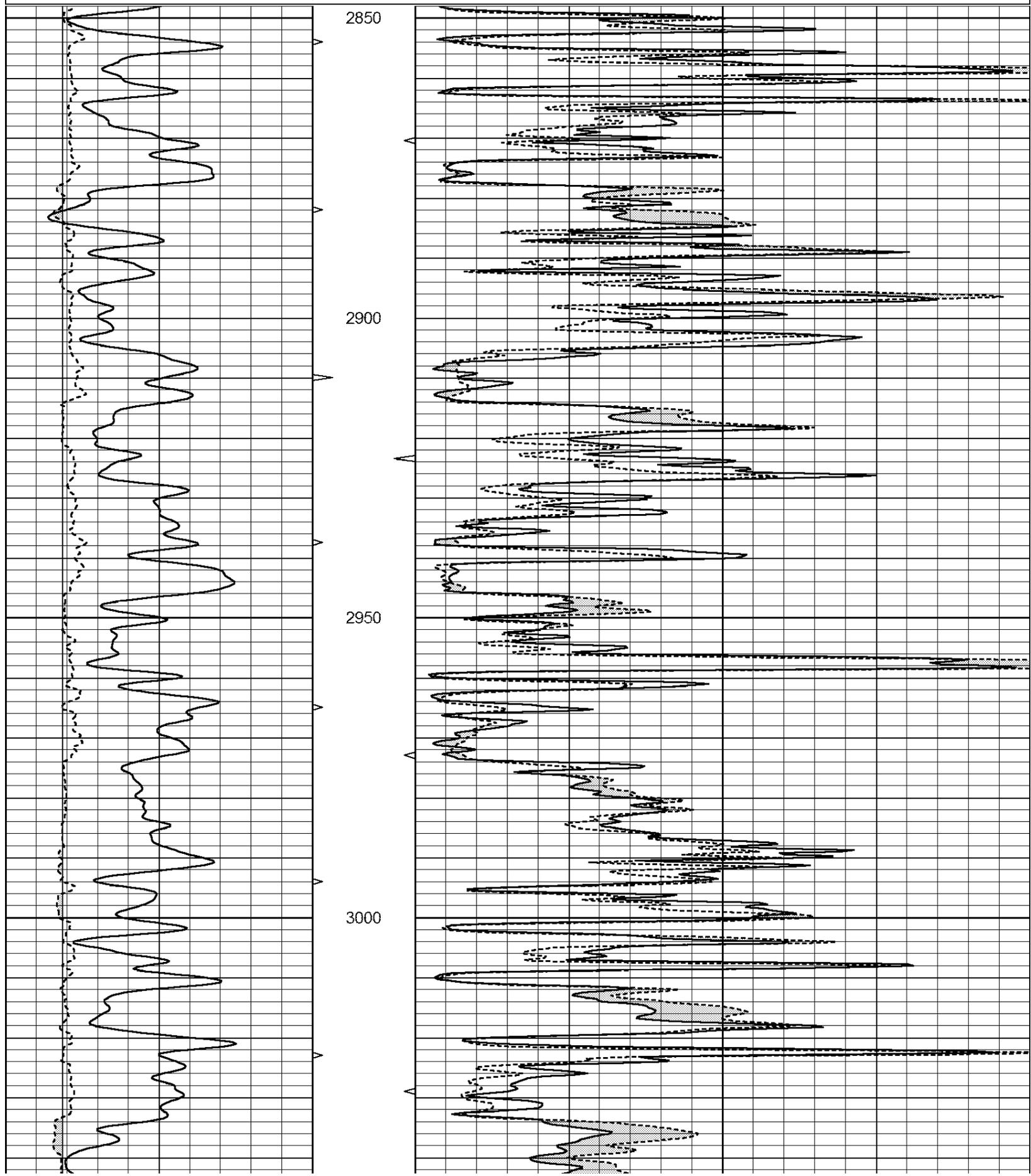
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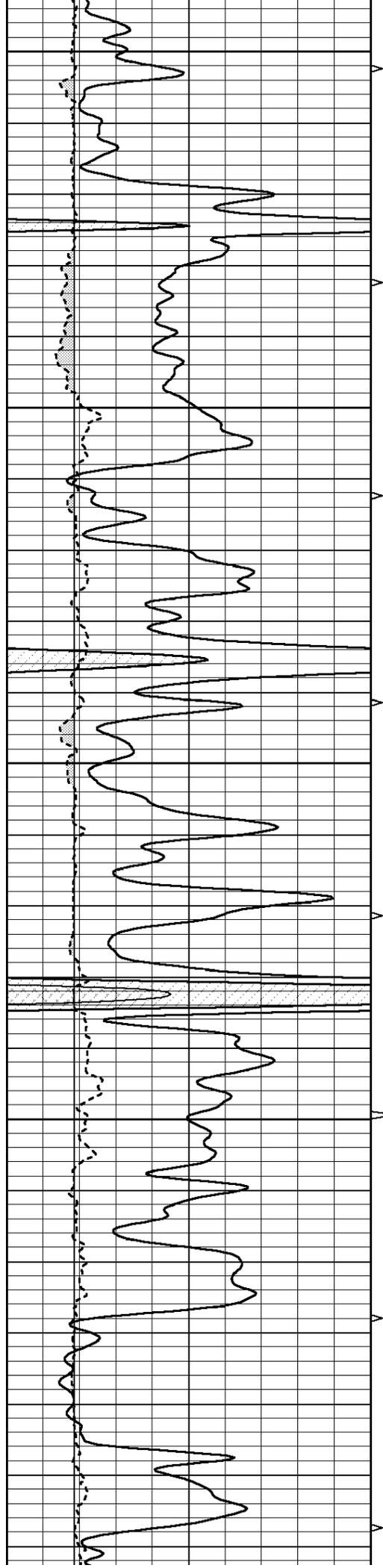
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 CO.  
785 ( 628 - 6395 )  
THANK YOU FOR YOUR BUSINESS  
DIRECTIONS : LOGAN, KS. - 3 1/2 MILES WEST - SOUTH INTO

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		





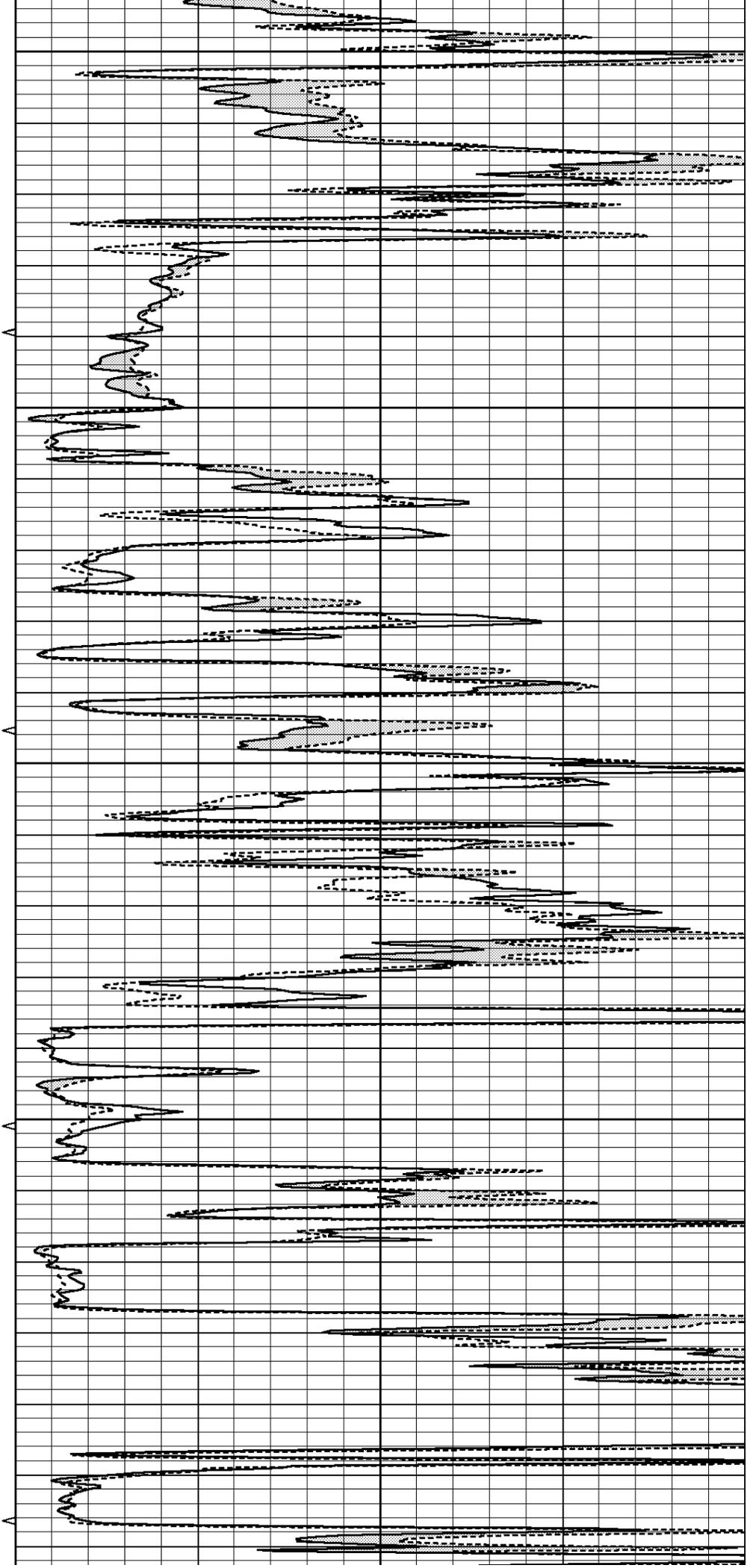
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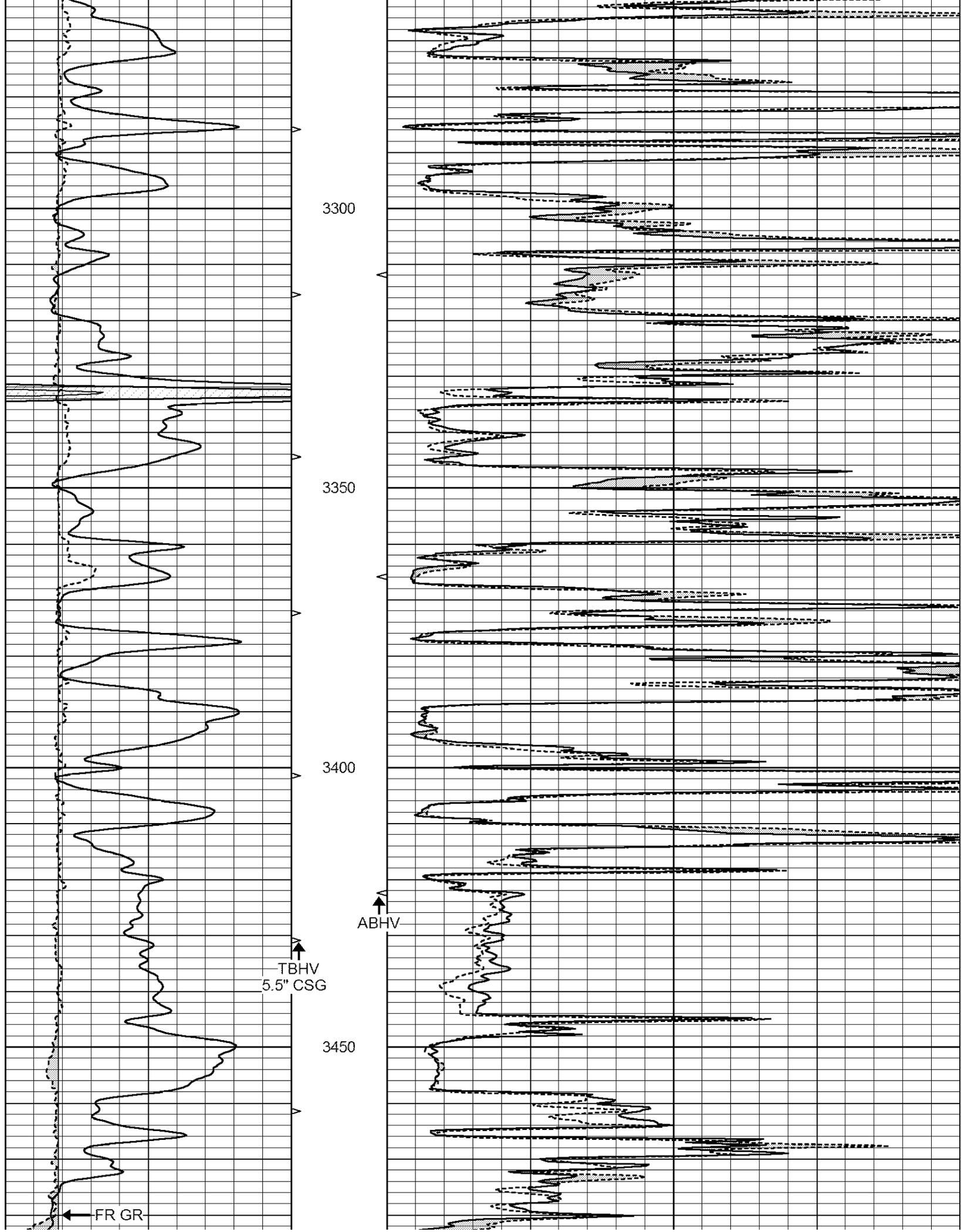
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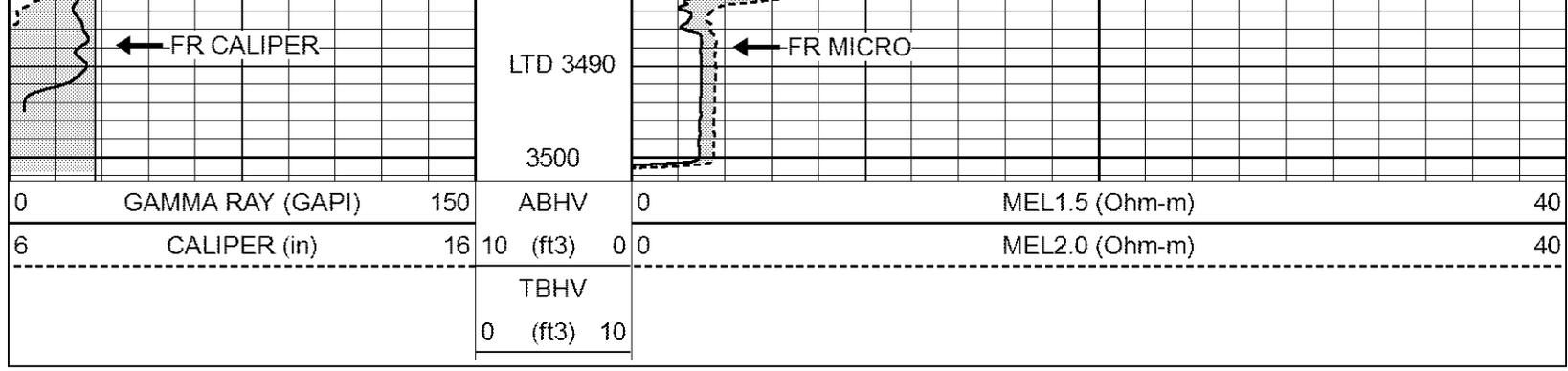
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3200

3250



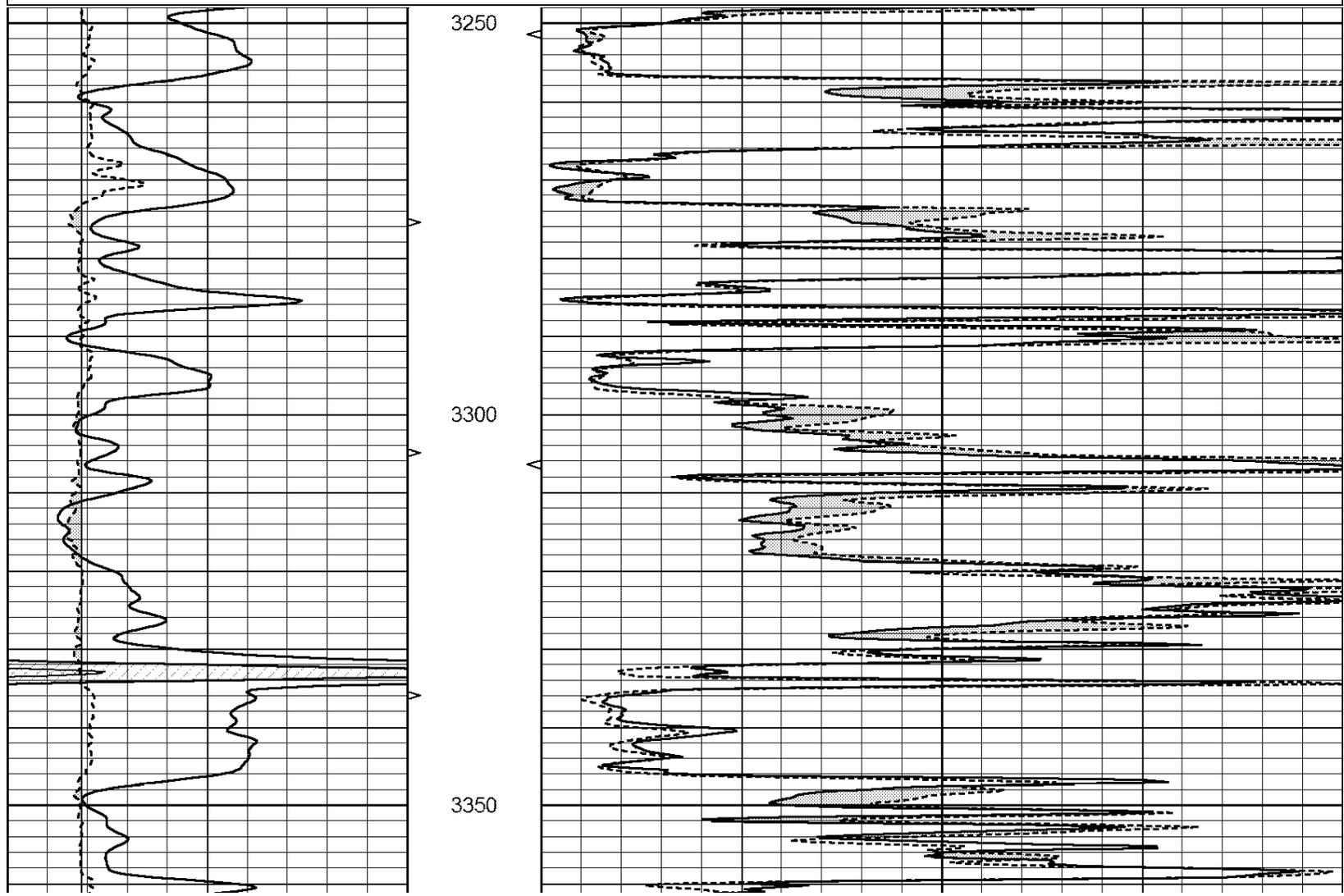


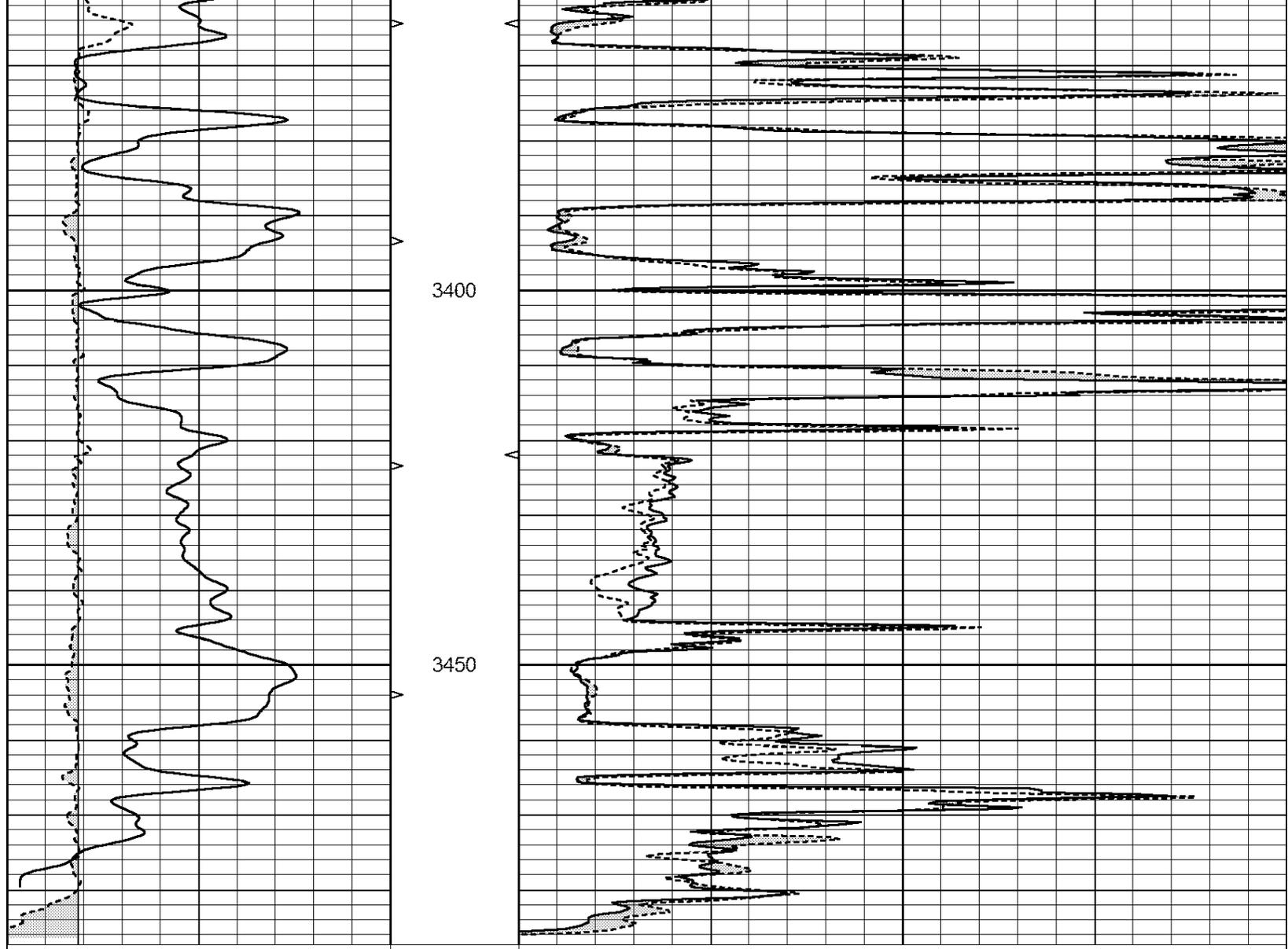


# REPEAT SECTION

Database File: 26267ddn.db  
 Dataset Pathname: pass5.3  
 Presentation Format: \_micro  
 Dataset Creation: Sun Nov 30 23:07:41 2014 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			





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

Calibration Report

Database File: 26267ddn.db  
 Dataset Pathname: pass6.2  
 Dataset Creation: Sun Nov 30 22:35:43 2014 by Calc Open-Cased 090629

MICRO Calibration Report

Serial Number:	MICRO4	
Tool Model:	PROBE	
Performed:	Wed Aug 13 17:16:52 2014	
Caliper Calibration:	Gain=2.000	Offset=-4.800
References	Low Cal	High Cal
Readings	8.600	14.000
	5.934	7.767
1.5" Calibration:	Gain=42.000	Offset=-1.600
References	Low Cal	High Cal
	0.000	20.000

Readings 0.013 1.547

2" Calibration: Gain=45.000 Offset=-0.600

	Low Cal	High Cal
References	0.000	20.000
Readings	0.017	1.202

Gamma Ray Calibration Report

Serial Number: GR2  
Tool Model: OPEN  
Performed: Tue Nov 25 21:32:24 2014

Calibrator Value: 200.0 GAPI

Background Reading: 0.0 cps  
Calibrator Reading: 740.0 cps

Sensitivity: 0.8000 GAPI/cps