



**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

Company	MAI OIL OPERATIONS, INC.		
Well	FLEGLER "C" #4		
Field	TRAPP		
County	RUSSELL	State	KANSAS
Location:	API # : 15-167-23914-00-00 330' FSL & 2000' FEL		Other Services CDL/CNL DIL
SEC 11 TWP 15S RGE 14W	Permanent Datum Log Measured From Drilling Measured From		Elevation K.B. 1865 D.F. 1863 G.L. 1857
	GROUND LEVEL		Elevation 1857
	KELLY BUSHING 8' A.G.L.		
	KELLY BUSHING		
Date	11/19/13		
Run Number	TWO		
Depth Driller	3381		
Depth Logger	3382		
Bottom Logged Interval	3380		
Top Log Interval	2400		
Casing Driller	8 5/8 " @ 518'		
Casing Logger	518'		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 5800	
Density / Viscosity	9.3 / 50		
pH / Fluid Loss	11.0 / 7.6		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.60 @ 60F		
Rinf @ Meas. Temp	0.45 @ 60F		
Rinc @ Meas. Temp	0.72 @ 60F		
Source of Rinf / Rinc	MEASURED		
Rim @ BHT	0.33 @ 110F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	110F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	JEFF GRONEWEG		
Witnessed By	KURT TALBOTT	WATT URBAN	

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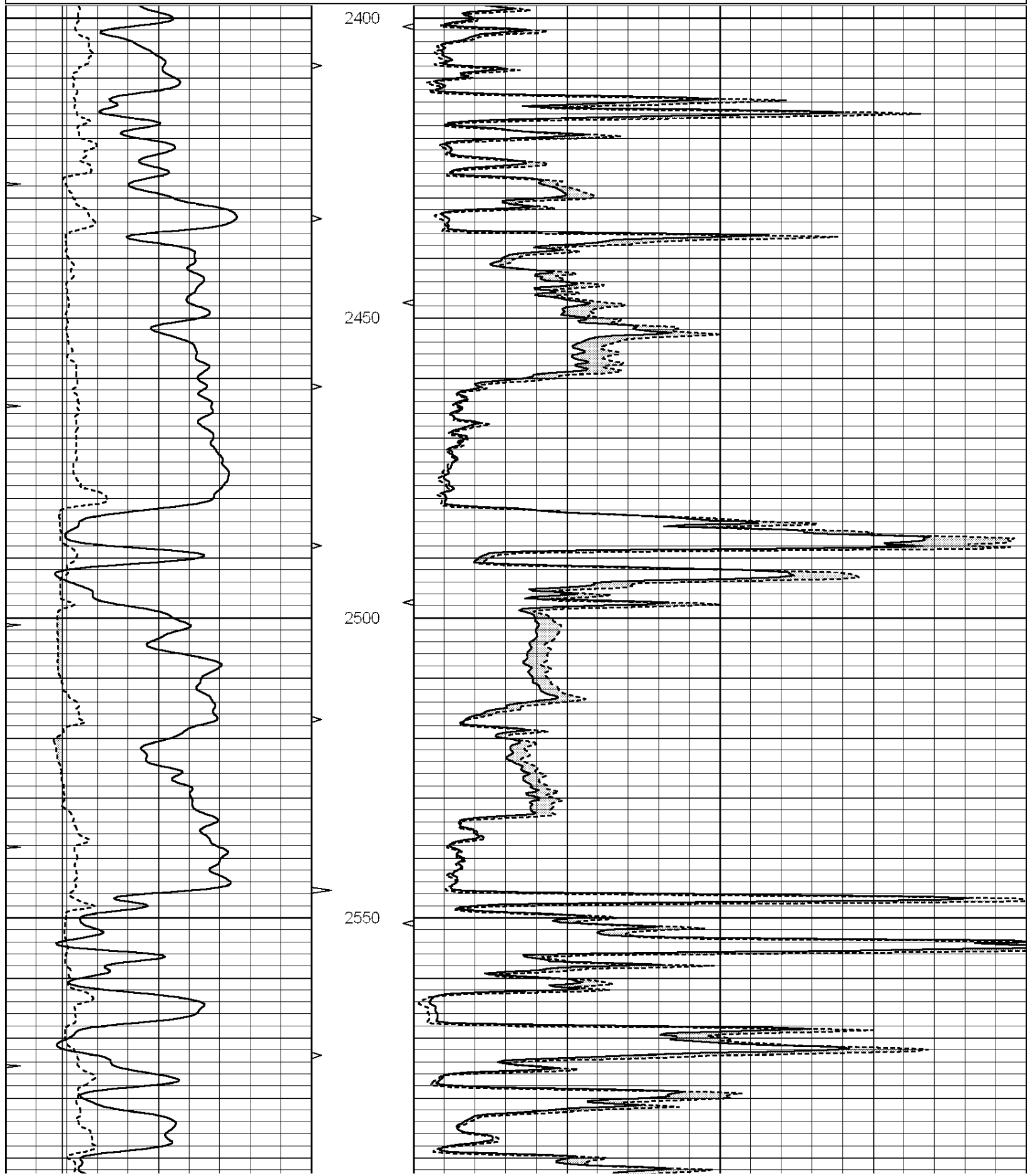
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

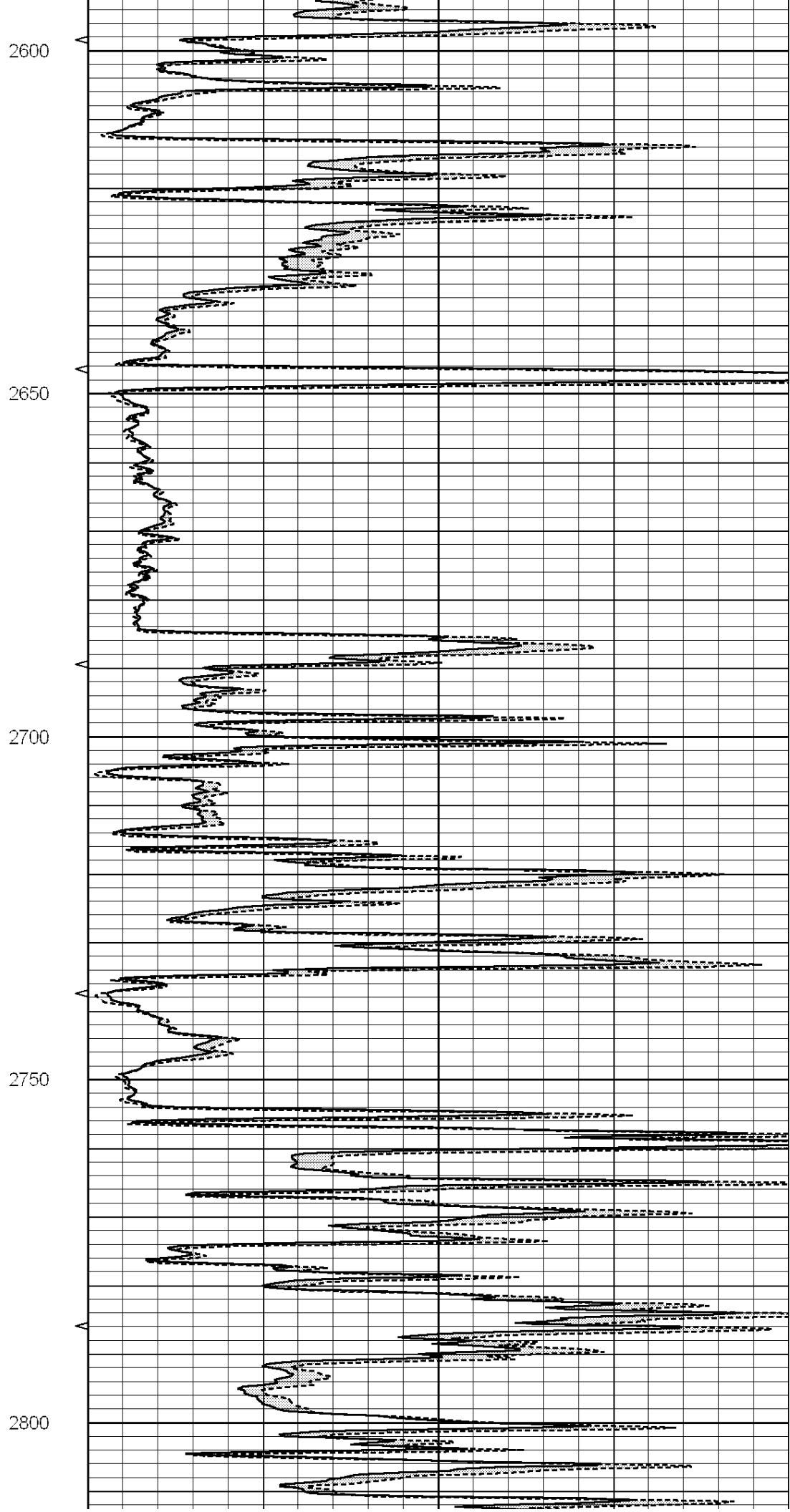
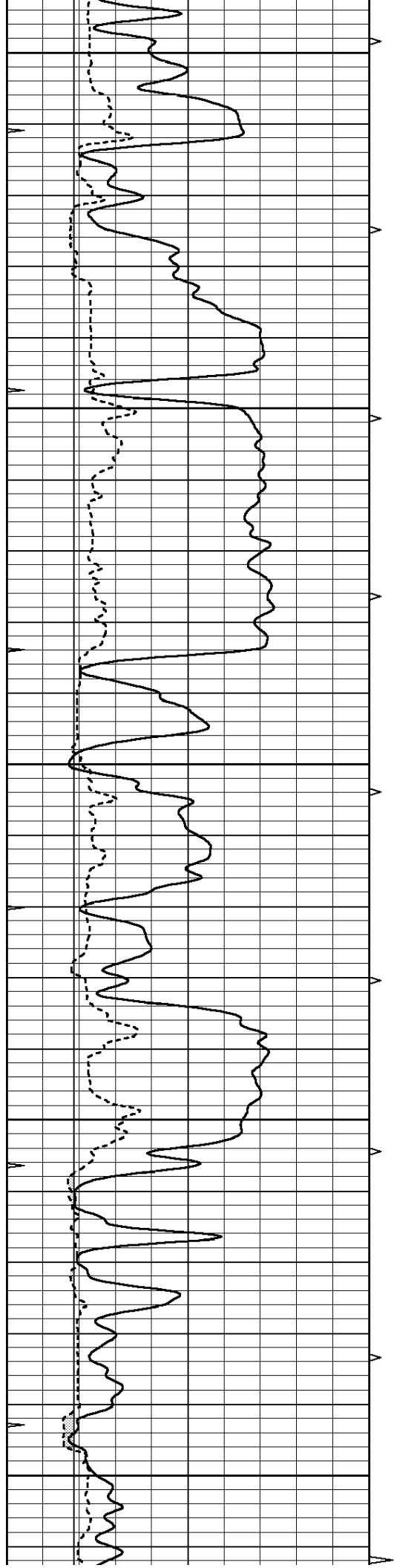
Comments

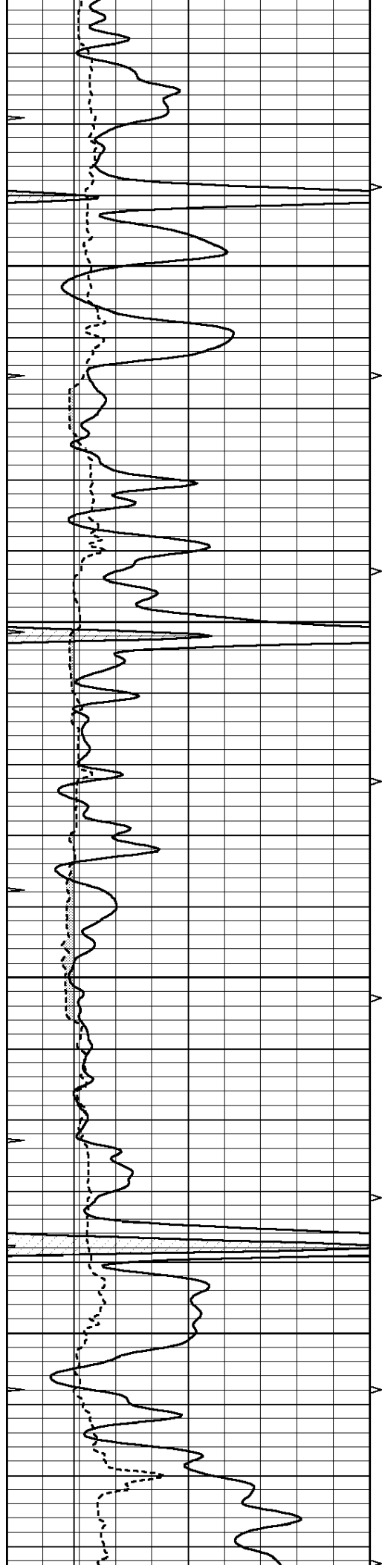
NABORS COMPLETION & PRODUCTION SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: RUSSELL, KS - 9 MILES SOUTH TO WALTERS RD
1 EAST TO CURVE - 1/2 SOUTH - WEST INTO

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

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





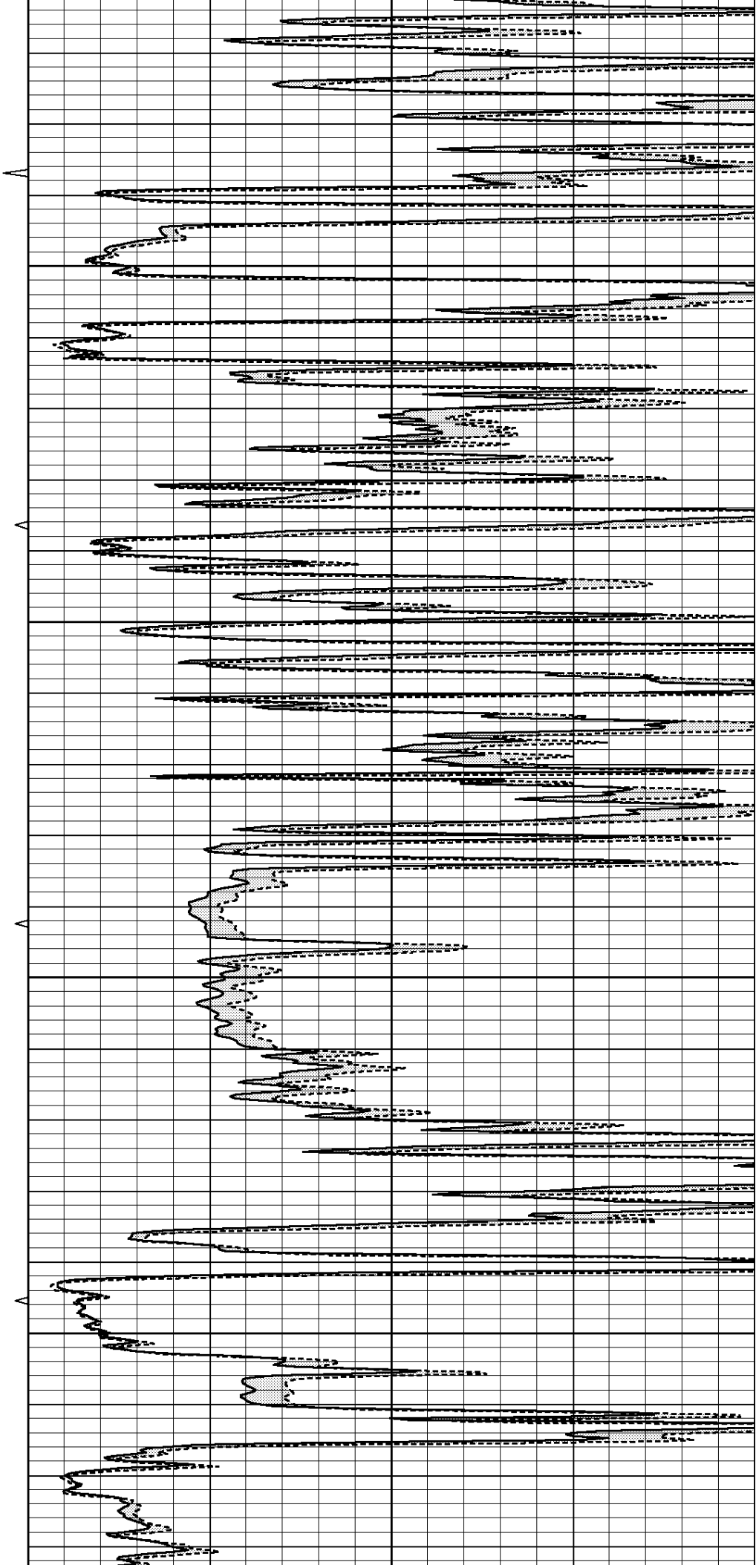


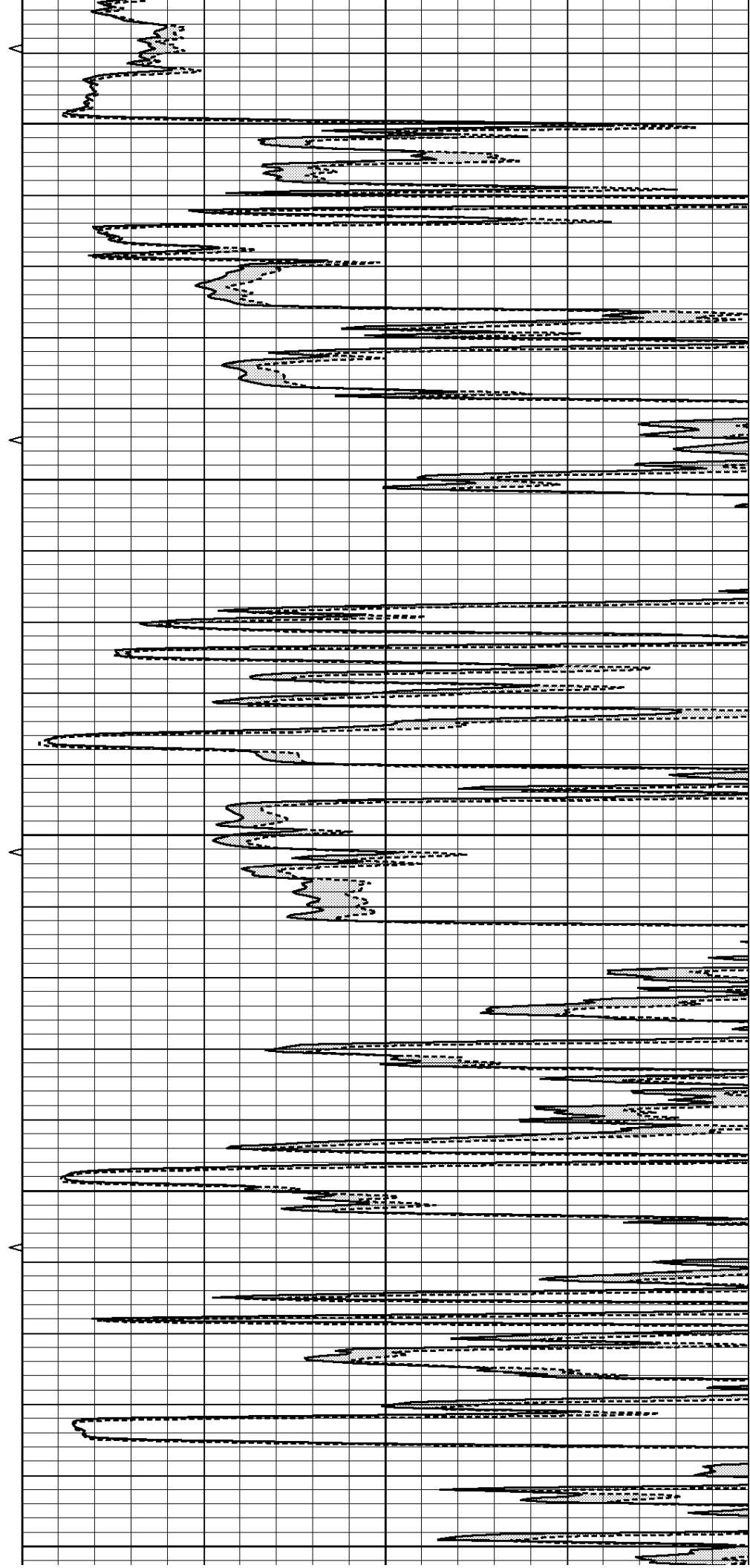
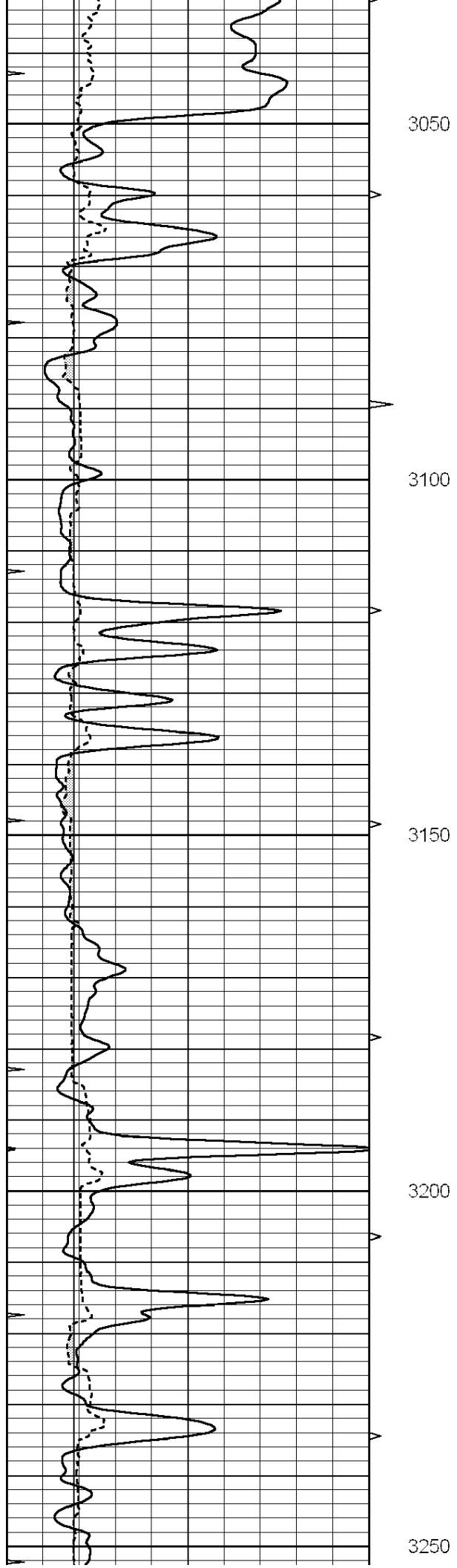
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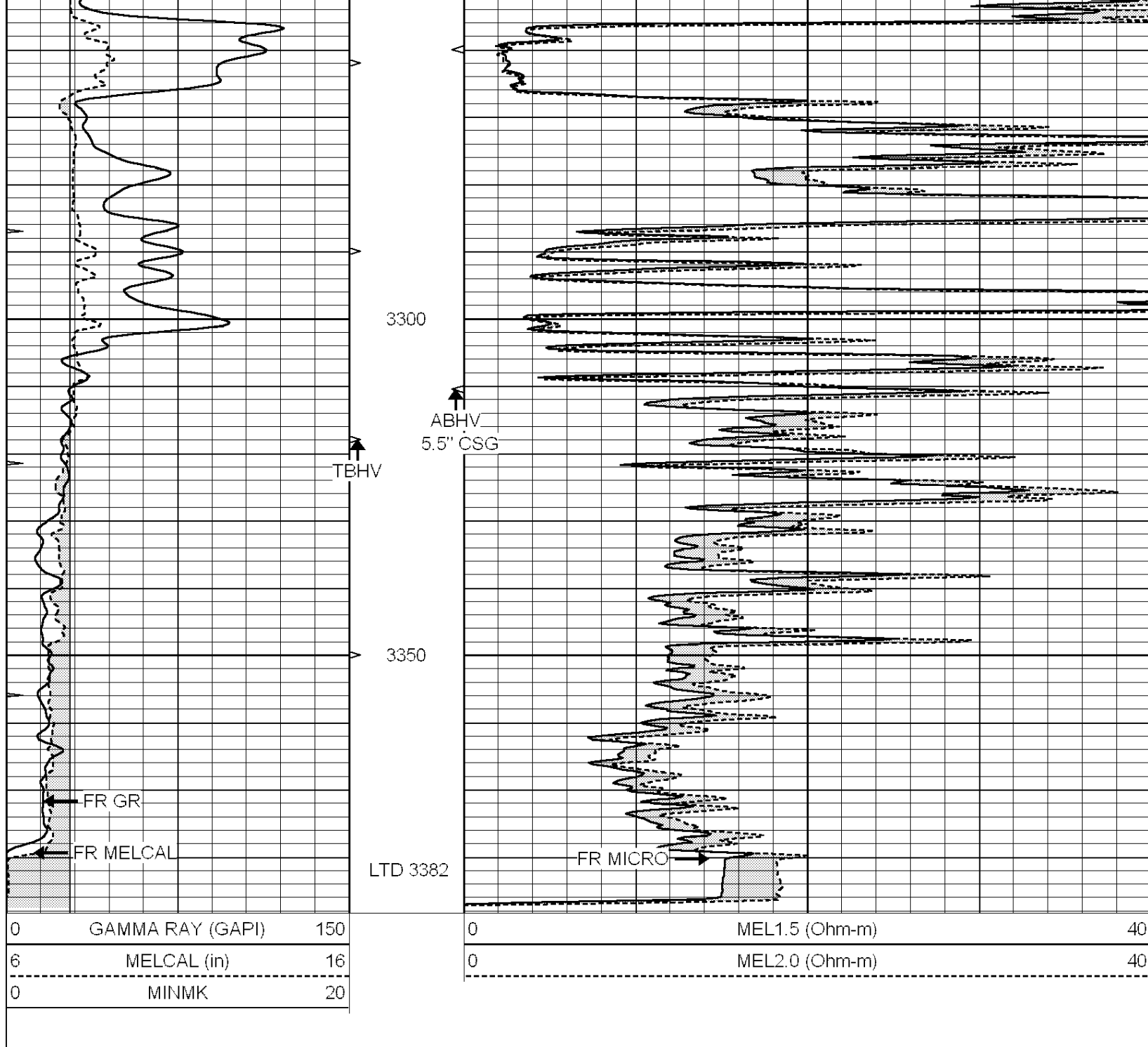
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2950

3000





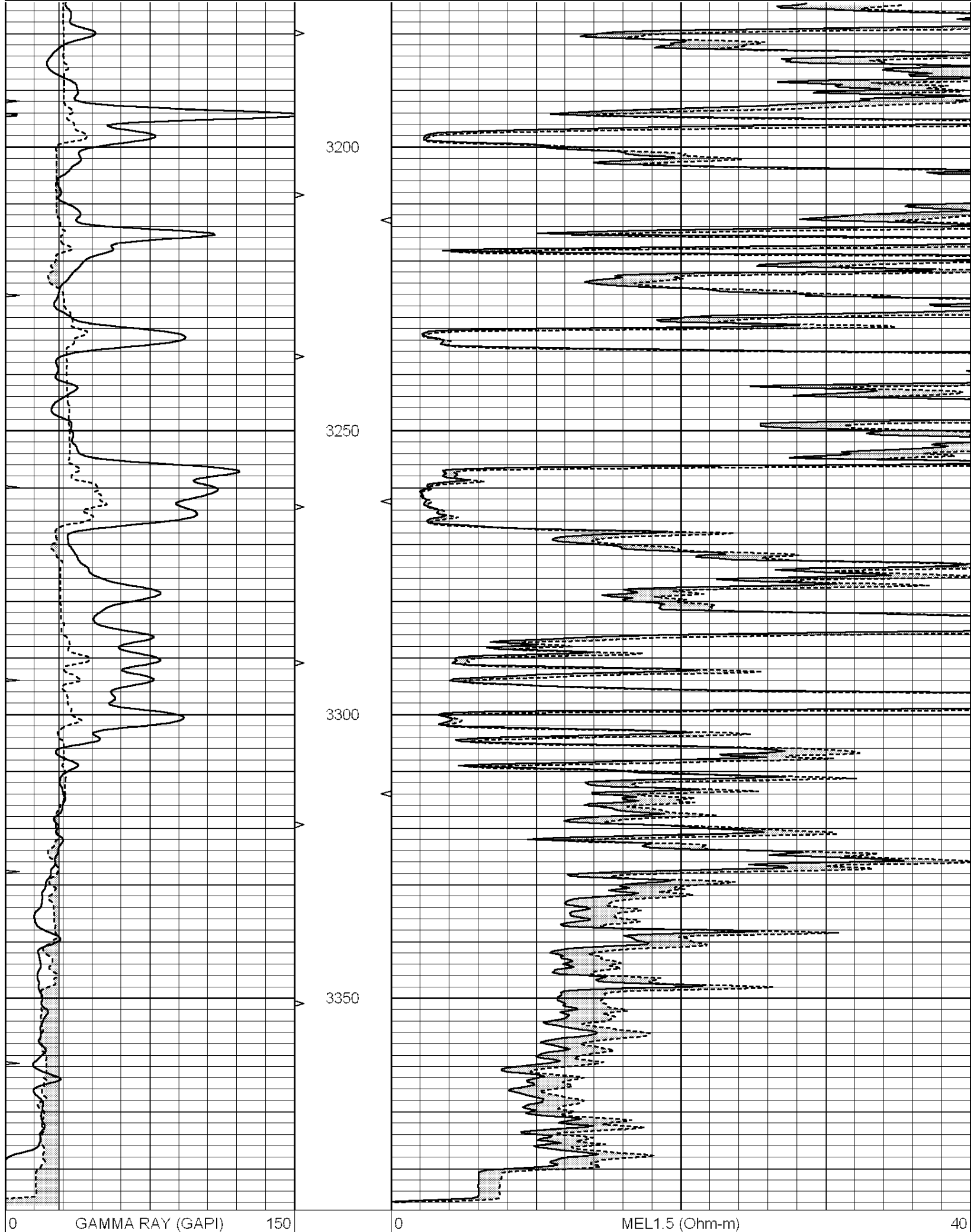


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REPEAT SECTION

Database File: 012041ddn.db
 Dataset Pathname: pass4.2
 Presentation Format: _micro
 Dataset Creation: Tue Nov 19 14:22:54 2013 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	0	MEL1.5 (Ohm-m)	40
6	MELCAL (in)	16	0	MEL2.0 (Ohm-m)	40
0	MINMK	20			



6	MELCAL (in)	16	0	MEL2.0 (Ohm-m)	40
0	MINMK	20			

Calibration Report			
Database File:		012041ddn.db	
Dataset Pathname:		pass5.1	
Dataset Creation:		Tue Nov 19 14:50:42 2013 by Calc Open-Cased 090629	
MICRO Calibration Report			
Serial Number:		MICRO4	
Tool Model:		PROBE	
Performed:		Tue Nov 19 03:11:30 2013	
Caliper Calibration:		Gain=2.947	Offset=-9.700
References		Low Cal	High Cal
Readings		8.600	14.000
		5.934	7.767
1.5" Calibration:		Gain=25.000	Offset=-1.500
References		Low Cal	High Cal
Readings		0.000	20.000
		0.009	1.541
2" Calibration:		Gain=100.000	Offset=-3.000
References		Low Cal	High Cal
Readings		0.000	20.000
		0.004	1.198
Gamma Ray Calibration Report			
Serial Number:		GR2	
Tool Model:		OPEN	
Performed:		Fri May 10 09:38:15 2013	
Calibrator Value:		200.0	GAPI
Background Reading:		0.0	cps
Calibrator Reading:		740.0	cps
Sensitivity:		0.3000	GAPI/cps