



SUPERIOR
Hays,
Kansas

MICRO LOG

Company		CAERUS KANSAS, LLC.	
Well		MORTIMER #31-41	
Field		SETTE	
County		BARTON	
State		KANSAS	
Location:		AP1 # : 15-009-25726-0000	
Permanent Datum		GROUND LEVEL	
Log Measured From		679' FNL & 693' FEL	
Drilling Measured From		NE - SW - NE - NE	
SEC 31 TWP 17S RGE 13W		Elevation	
		K.B. 1880	
		D.F. 1878	
		G.L. 1870	
Date	7/31/12		
Run Number	TWO		
Depth Driller	3472		
Depth Logger	3474		
Bottom Logged Interval	3452		
Top Log Interval	2700		
Casing Driller	8 5/8" @ 852'		
Casing Logger	854		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 3,000 PPM	
Density / Viscosity	9.3/52		
pH / Fluid Loss	10.5/9.6		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.20 @ 98F		
Rmt @ Meas. Temp	.900 @ 98F		
Rmc @ Meas. Temp	1.44 @ 98F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	1.06 @ 111F		
Time Circulation Stopped	3.5 HOURS		
Time Logger on Bottom	8:00 P.M.		
Maximum Recorded Temperature	111F		
Equipment Number	4010		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	JUSTIN CARTER	BRIAN KARLIN	

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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 SERVICE HAYS, KANSAS (785) 628-6395
DIRECTIONS

RUSSELL, KS. & I-70, S. ON HWY 281 TO HWY 4, E. TO CURVE, AFTER CURVING S., W. INTO THEN
FOLLOW TRAIL PARALLEL TO HIGHWAY N. & W.

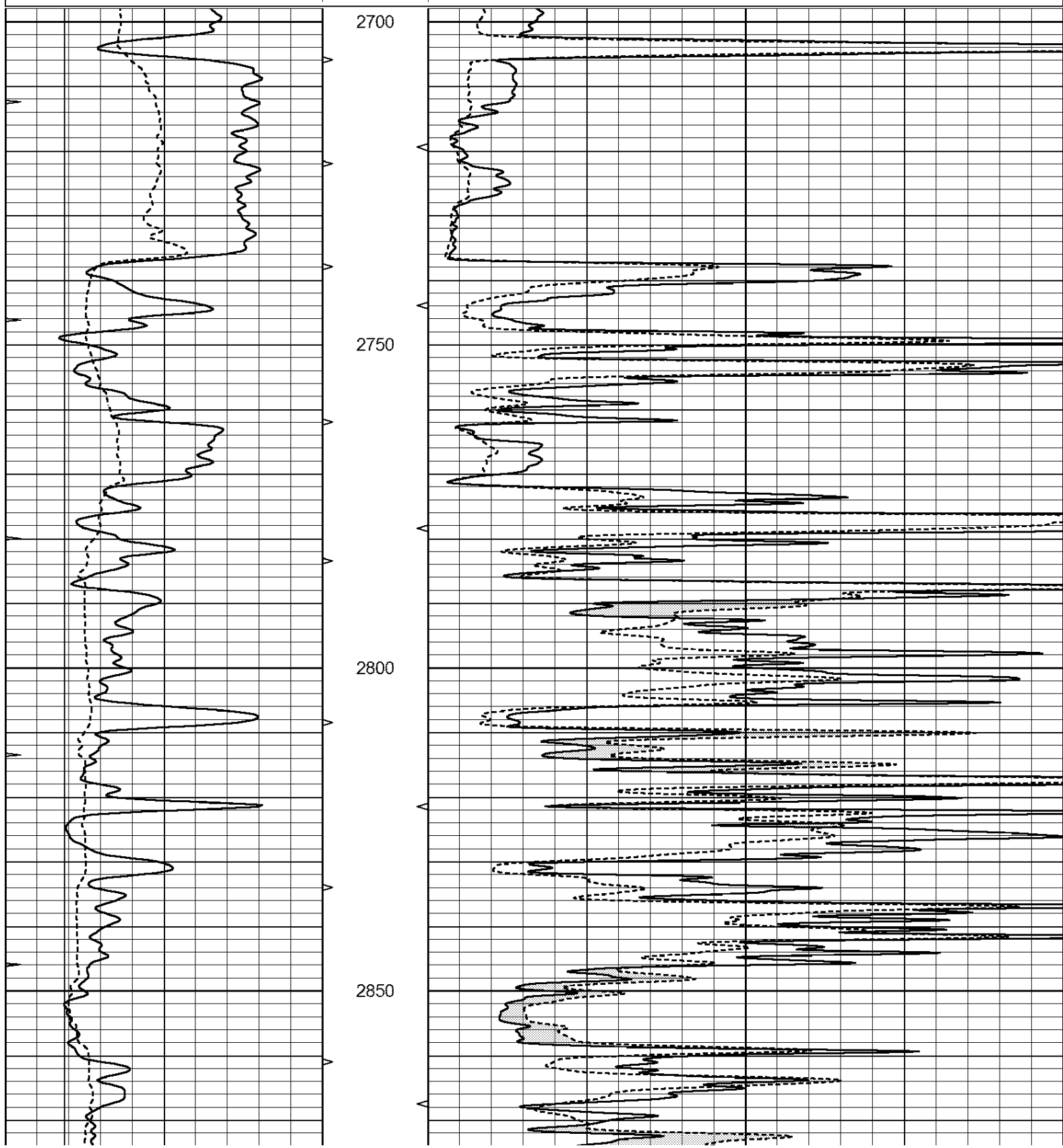


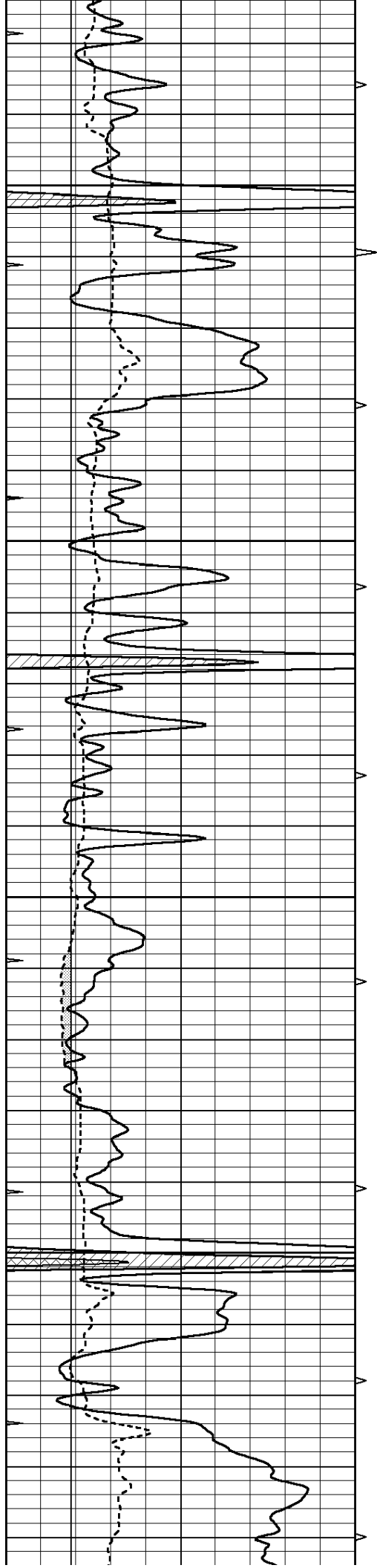
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MAIN SECTION

Database File: 409443ddn.db
 Dataset Pathname: pass6.5
 Presentation Format: micro
 Dataset Creation: Mon Jul 30 23:41:00 2012
 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	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		



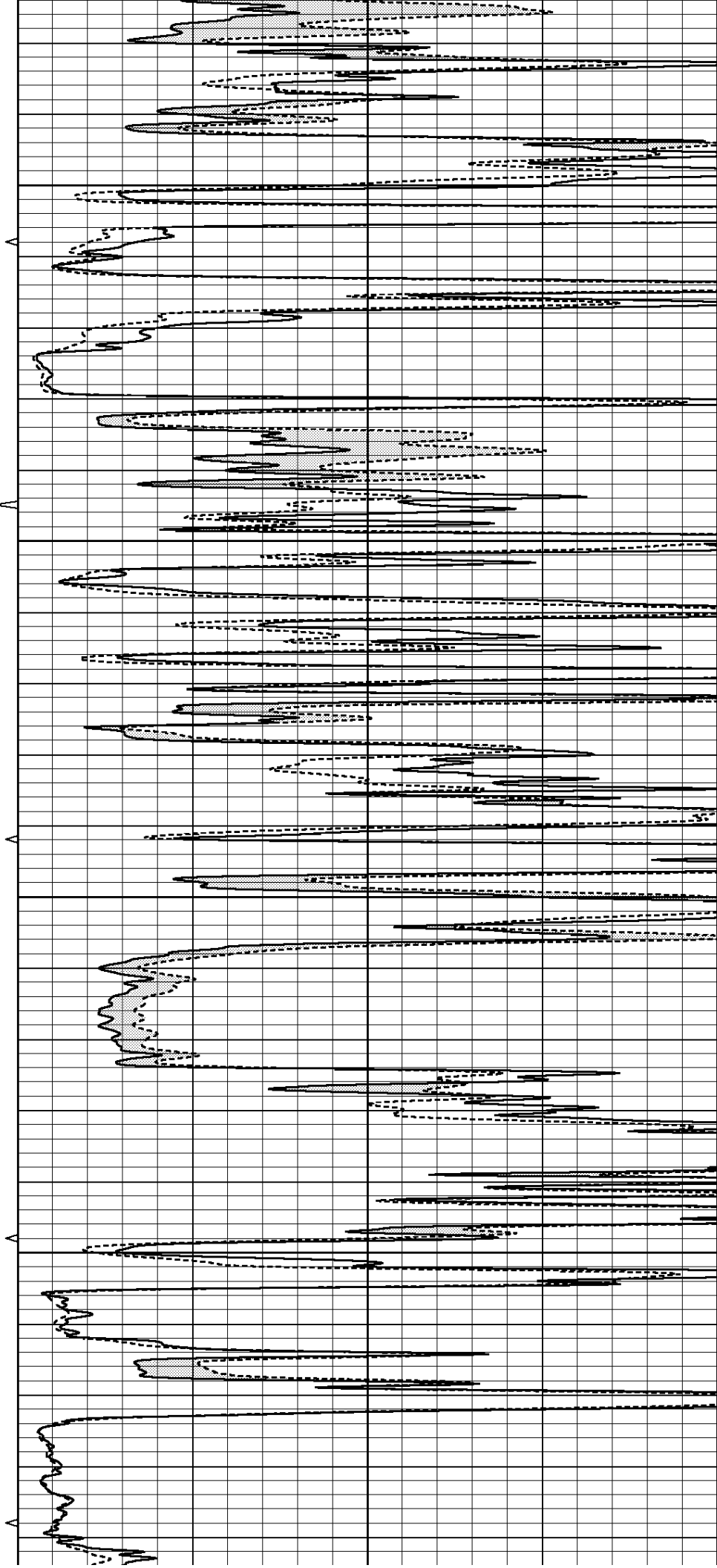


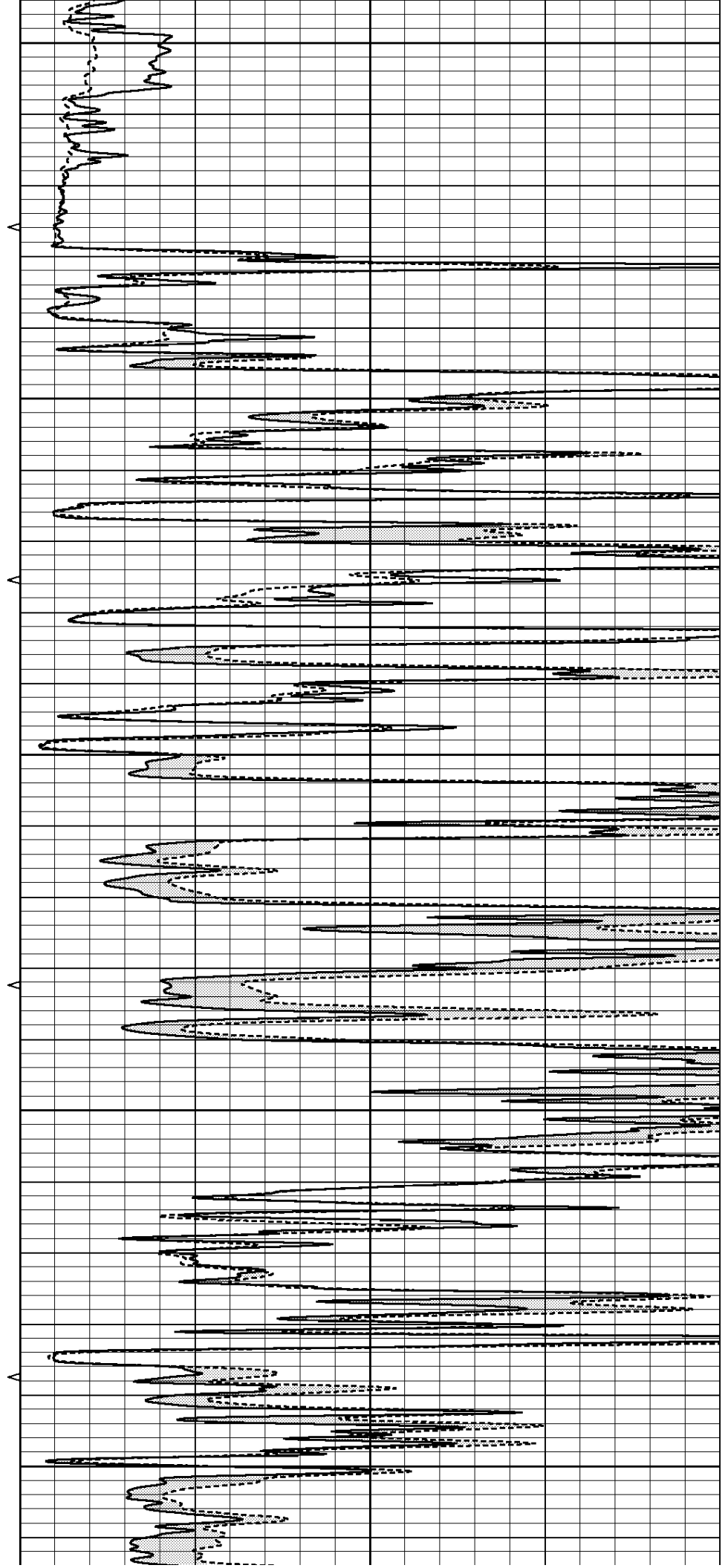
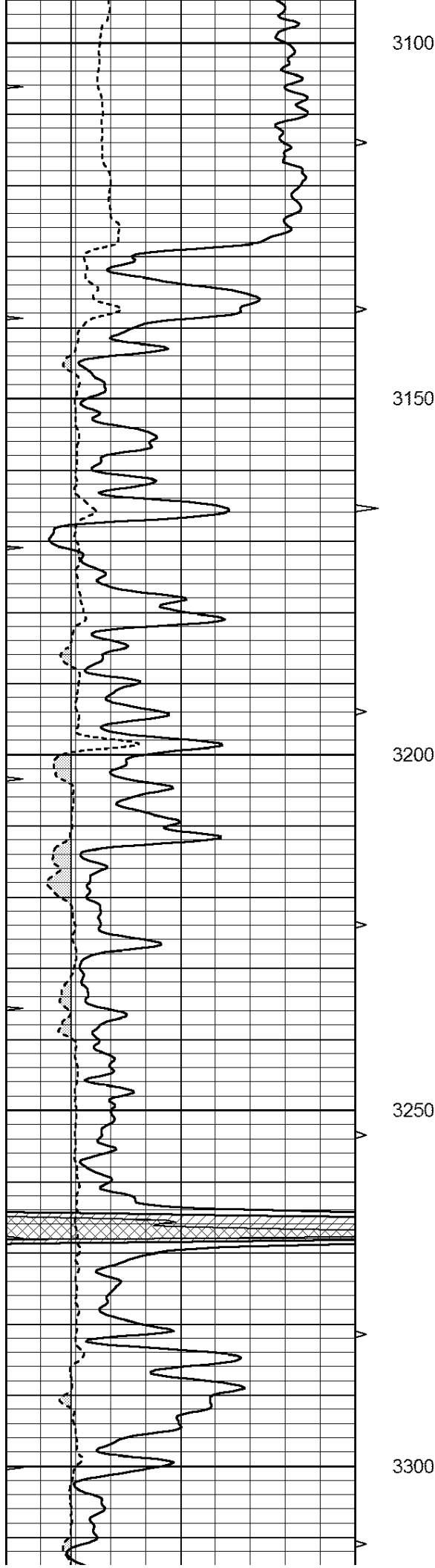
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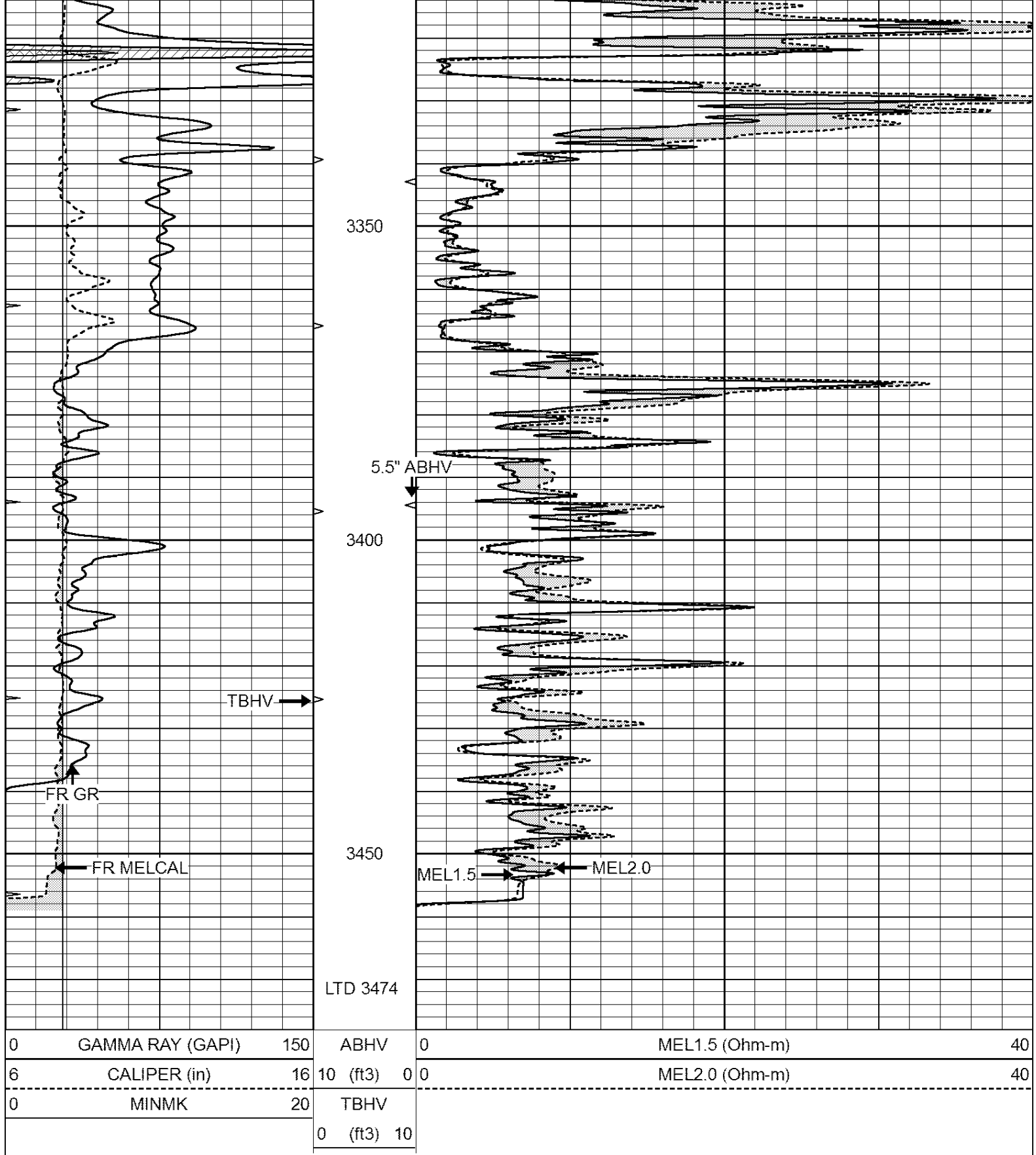
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3000

3050



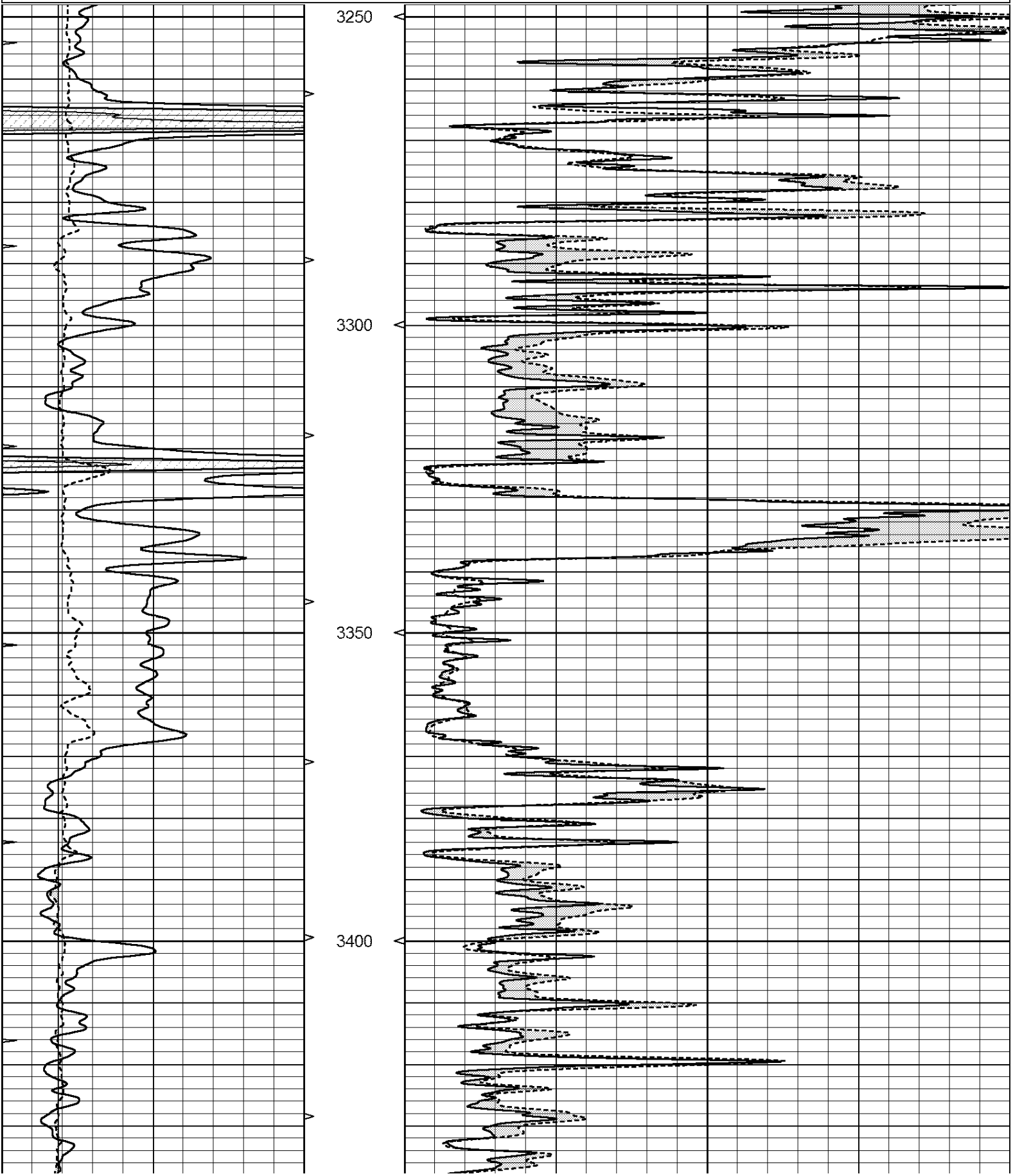


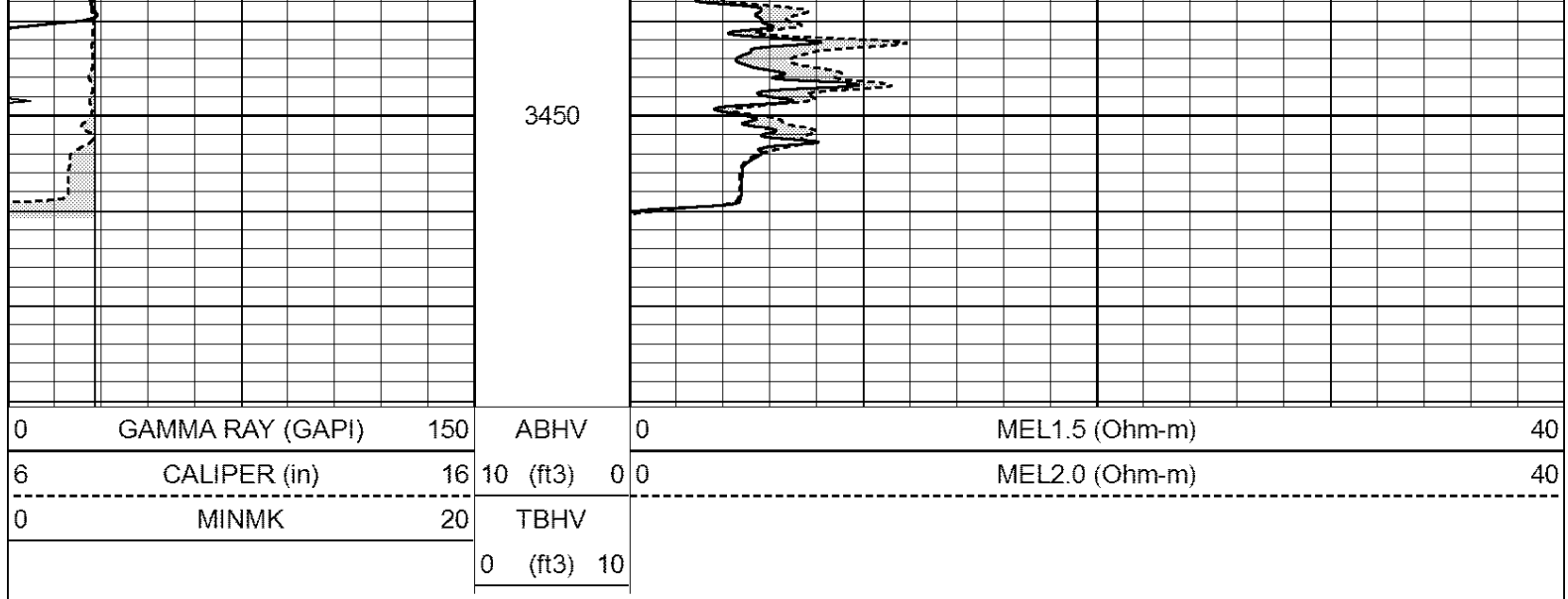


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REPEAT SECTION

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		





Calibration Report			
Database File:		409443ddn.db	
Dataset Pathname:		pass6.5	
Dataset Creation:		Mon Jul 30 23:41:00 2012	
MICRO Calibration Report			
Serial Number:		MICRO5	
Tool Model:		PROBE	
Performed:		Mon Jul 30 22:26:10 2012	
Caliper Calibration:		Gain=3.723	Offset=-7.012
		Low Cal	High Cal
References		7.600	15.000
Readings		3.925	5.913
1.5" Calibration:		Gain=35.000	Offset=-0.500
		Low Cal	High Cal
References		0.000	20.000
Readings		-0.002	0.981
2" Calibration:		Gain=38.000	Offset=-0.500
		Low Cal	High Cal
References		0.000	20.000
Readings		0.002	0.898
Gamma Ray Calibration Report			
Serial Number:		GR4	
Tool Model:		OPEN	
Performed:		Mon Jul 30 21:53:37 2012	
Calibrator Value:		200.0	GAPI
Background Reading:		0.0	cps
Calibrator Reading:		189.0	cps
Sensitivity:		2.0000	GAPI/cps