



SUPERIOR
Hays,
Kansas

MICRO LOG

Company	MAI OIL OPERATIONS, INC.		
Well	YOUNGER #1		
Field	STEGMAN		
County	RUSH	State	KANSAS
Location:	APL # : 15-165-21957-0000		Other Services CDL/CNL DIL
Permanent Datum	GROUND LEVEL		Elevation 1930
Log Measured From	330' FNL & 1250' FEL W/2 - NW - NE - NE		
Drilling Measured From	SEC 11 TWP 16S RGE 17W KELLY BUSHING		Elevation K.B. 1938 D.F. 1936 G.L. 1930
Date	2/13/12		
Run Number	TWO		
Depth Driller	3600		
Depth Logger	3599		
Bottom Logged Interval	3597		
Top Log Interval	2800		
Casing Driller	8 5/8"@1070'		
Casing Logger	1070		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 3,600 PPM	
Density / Viscosity	9.2/50		
pH / Fluid Loss	10.0/8.4		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.700@54F		
Rmt @ Meas. Temp	.525@54F		
Rmc @ Meas. Temp	.840@54F		
Source of Rmt / Rmc	MEASUREMENT		
Rm @ BHT	.338@112F		
Time Circulation Stopped	3.5 HOURS		
Time Logger on Bottom	10:30 A.M.		
Maximum Recorded Temperature	112F		
Equipment Number	4010		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
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

THANK YOU FOR USING SUPERIOR WELL SERVICE HAYS, KANSAS (785) 628-6395
DIRECTIONS
LORETTO, KS. 1 3/4N., 1/2E. INTO @MAIL BOX, VEER NORTH BEFORE FARM HOUSE

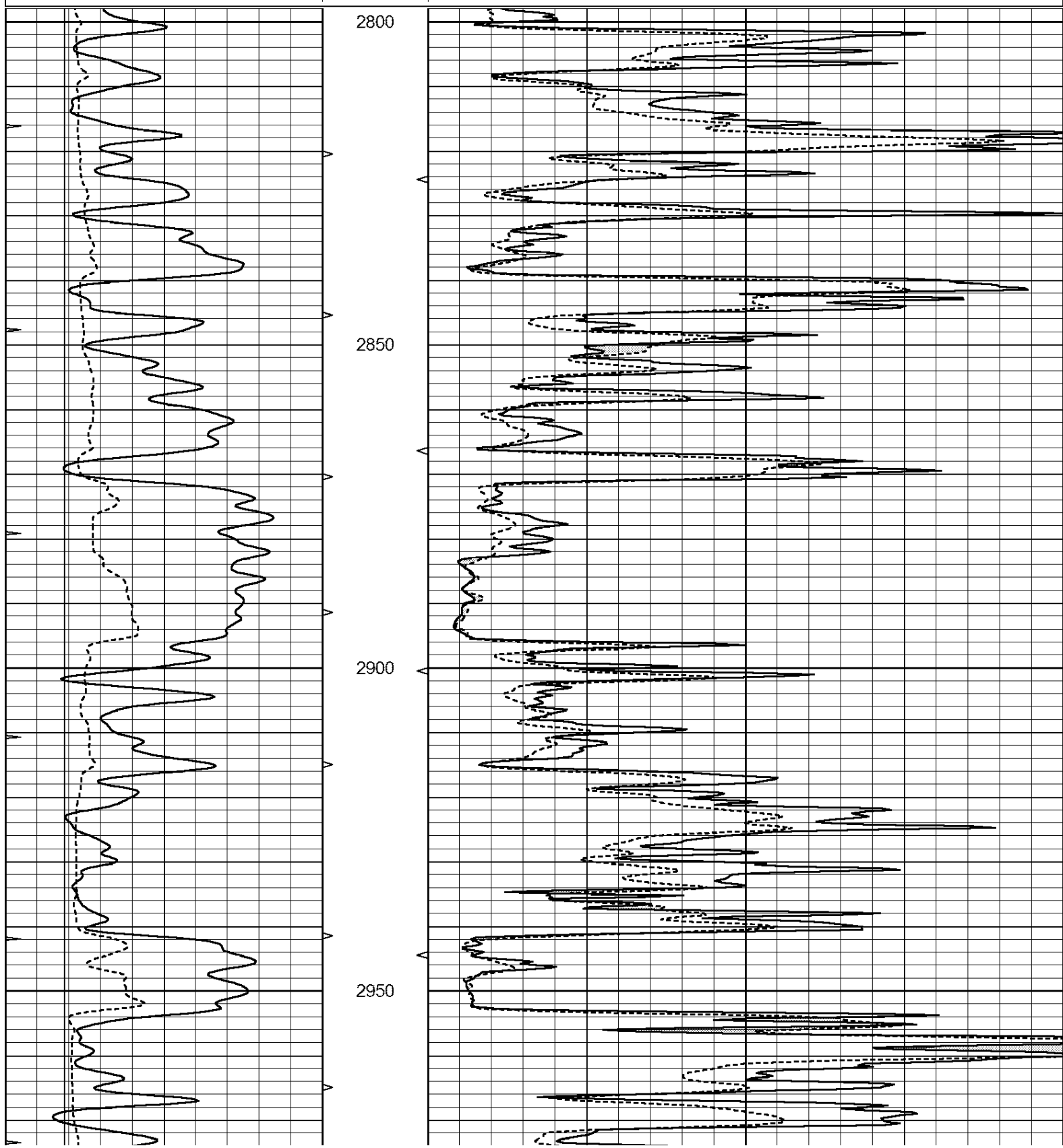


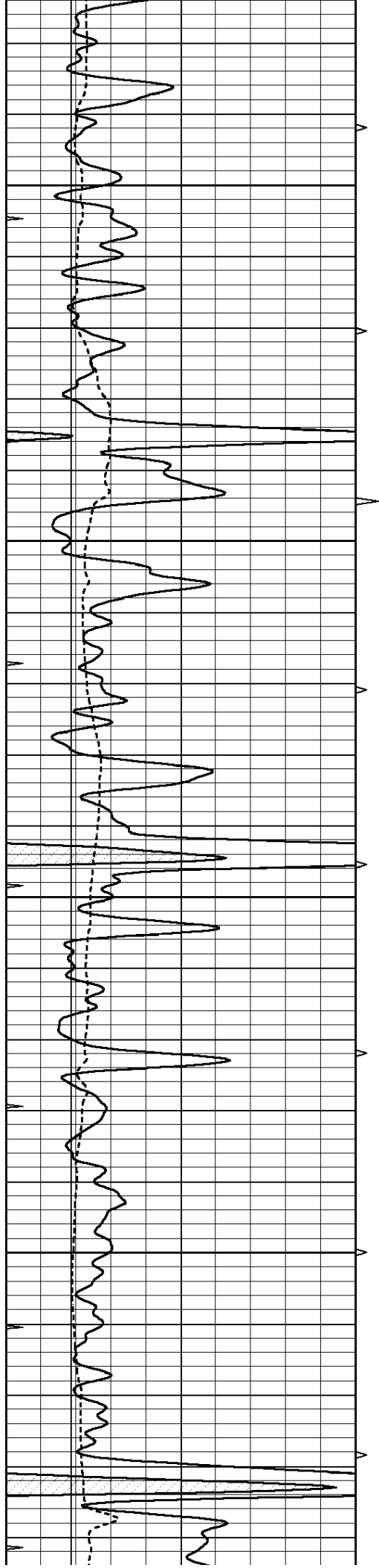
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MAIN SECTION

Database File: 408412ddn.db
Dataset Pathname: pass6.2
Presentation Format: micro
Dataset Creation: Mon Feb 13 13:17:50 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	0	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3) 10			



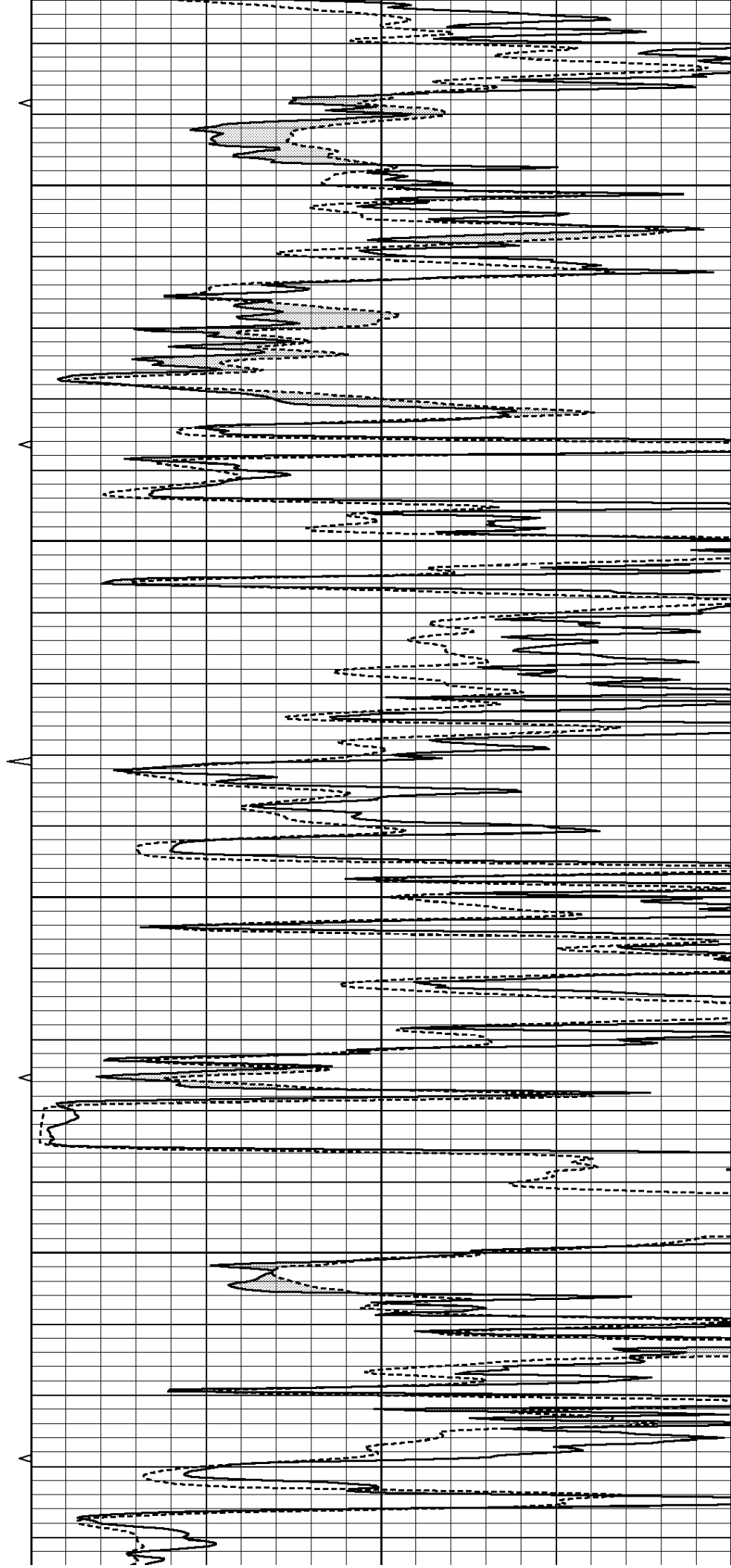


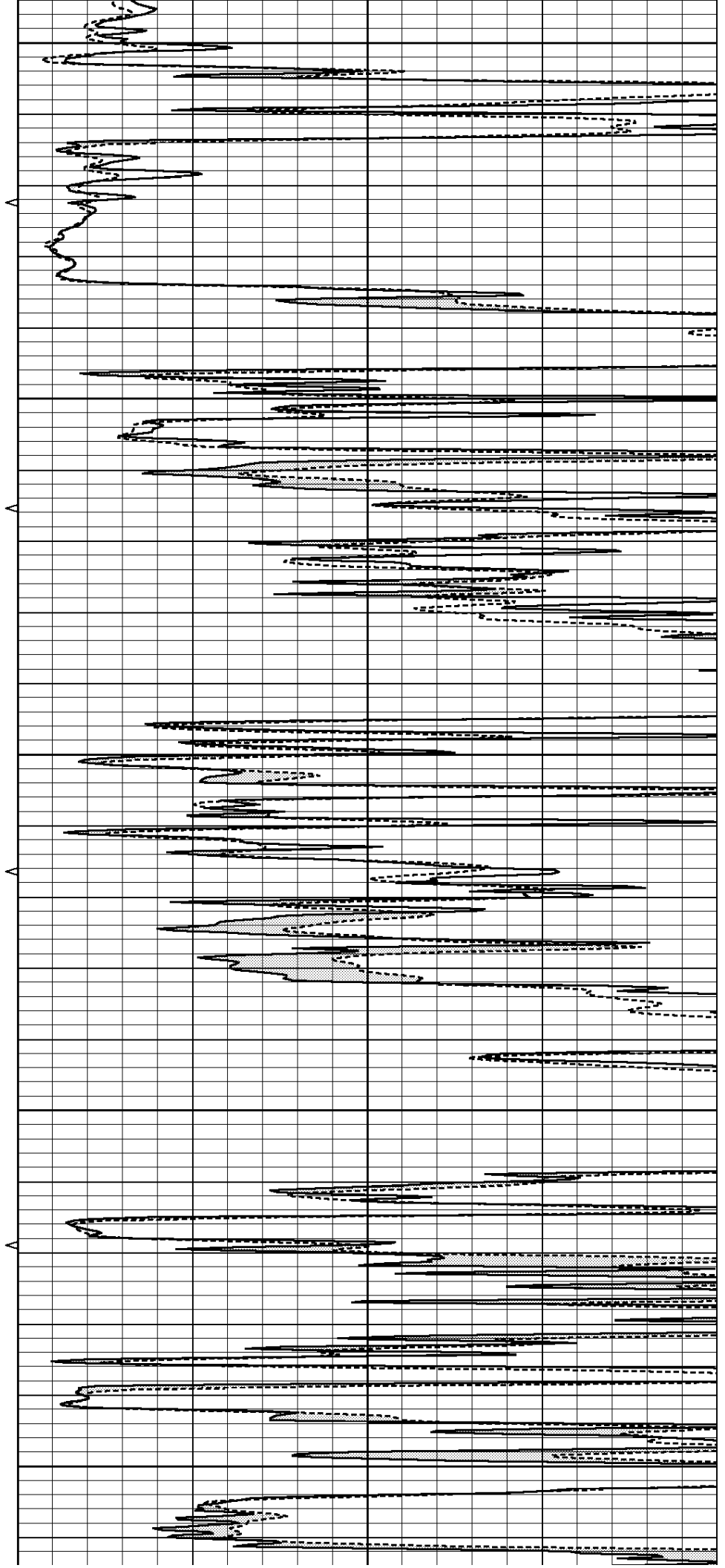
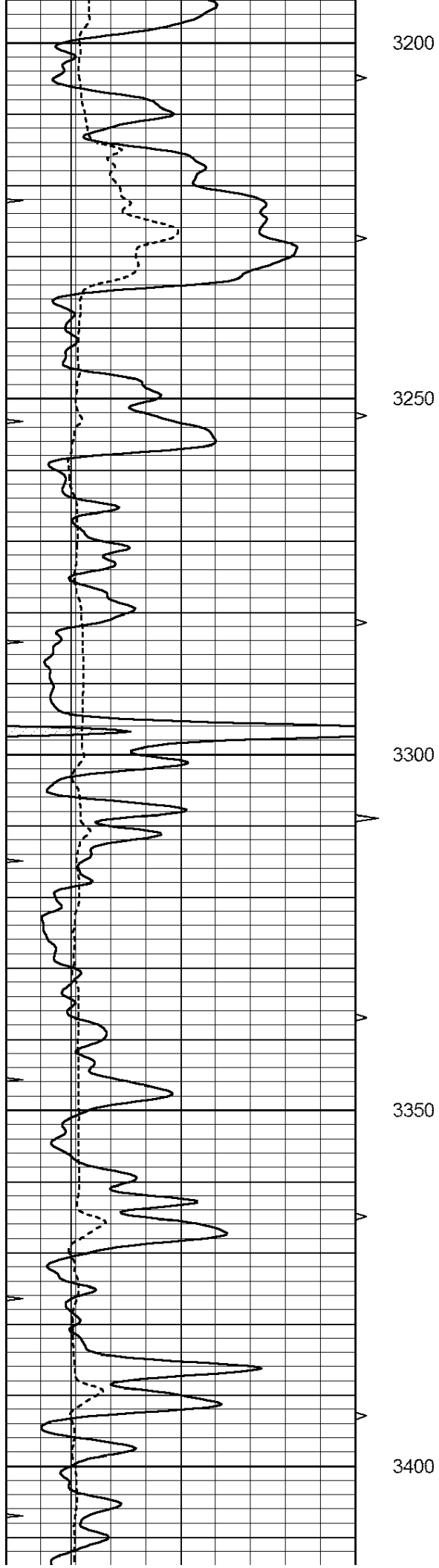
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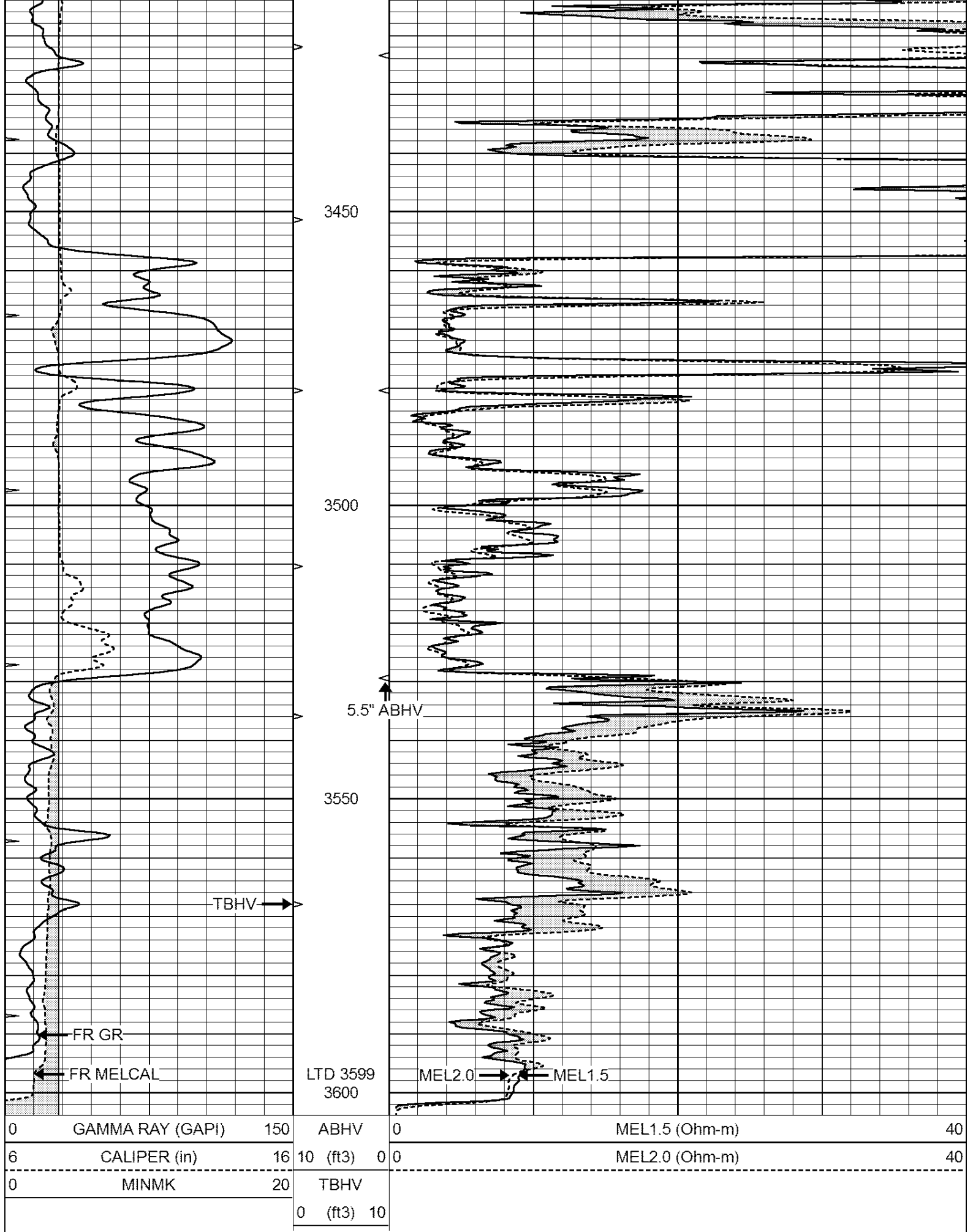
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3100

3150







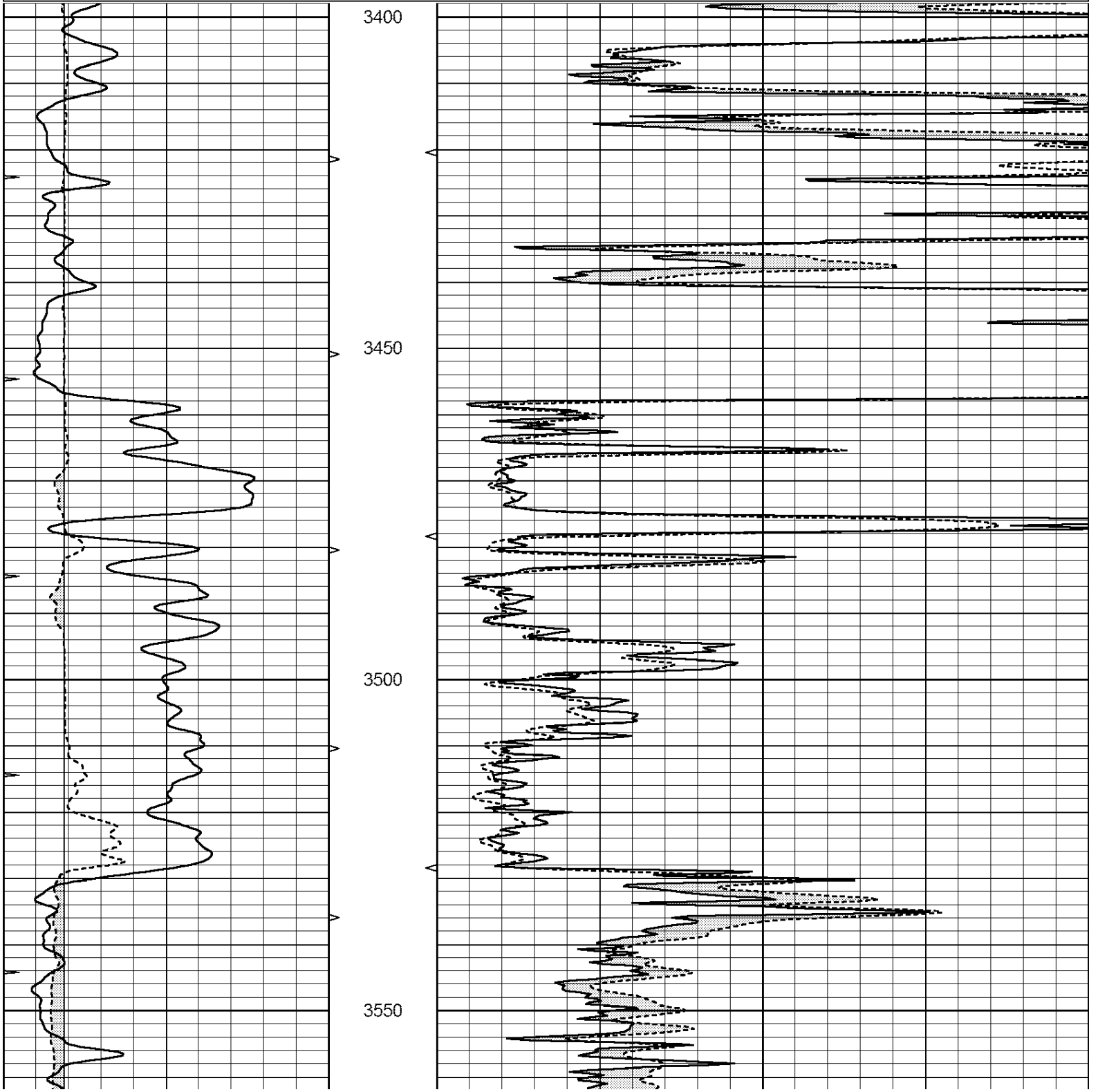


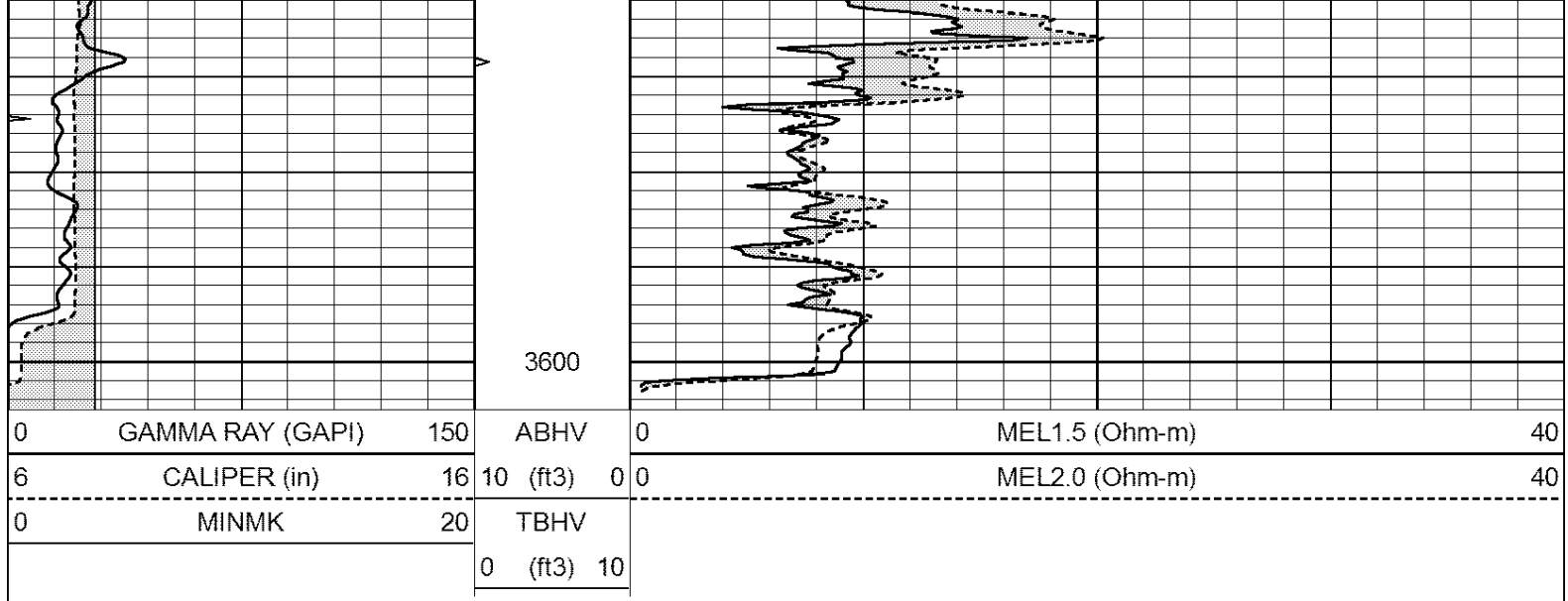
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REPEAT SECTION

Database File: 408412ddn.db
Dataset Pathname: pass5.4
Presentation Format: micro
Dataset Creation: Mon Feb 13 13:24:36 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		





Calibration Report			
Database File:		408412ddn.db	
Dataset Pathname:		pass6.2	
Dataset Creation:		Mon Feb 13 13:17:50 2012	
MICRO Calibration Report			
Serial Number:		2	
Tool Model:		PROBE	
Performed:		Mon Feb 13 12:09:17 2012	
Caliper Calibration:		Gain=3.812	Offset=3.191
		Low Cal	High Cal
References		7.500	14.000
Readings		1.130	2.835
1.5" Calibration:		Gain=38.000	Offset=0.500
		Low Cal	High Cal
References		0.000	20.000
Readings		0.065	1.210
2" Calibration:		Gain=62.000	Offset=0.500
		Low Cal	High Cal
References		0.000	20.000
Readings		0.012	1.043
Gamma Ray Calibration Report			
Serial Number:		GR4	
Tool Model:		OPEN	
Performed:		Mon Feb 13 12:43:56 2012	
Calibrator Value:		200.0	GAPI
Background Reading:		0.0	cps
Calibrator Reading:		189.0	cps
Sensitivity:		1.2000	GAPI/cps