



SUPERIOR
Hays,
Kansas

MICRO LOG

Company I.A. OPERATING, INC.
Well JAMISON FAMILY TRUST #29-1
Field WILDCAT
County SHERIDAN
State KANSAS

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County SHERIDAN State KANSAS

Location: API # : 15-179-21243-0000
1650' FNL & 1050' FEL
SEC 29 TWP 8S RGE 27W
Permanent Datum GROUND LEVEL Elevation 2606
Log Measured From KELLY BUSHING 5' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
CDL/CNL
DIL/SONIC
Elevation
K.B. 2611
D.F. 2609
G.L. 2606

Date	12/20/09		
Run Number	TWO		
Depth Driller	4020		
Depth Logger	4012		
Bottom Logged Interval	3989		
Top Log Interval	3200		
Casing Driller	8 5/8"@221'		
Casing Logger	221		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 2,000 PPM	
Density / Viscosity	9.3/54		
pH / Fluid Loss	10.2/7.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.30@80F		
Rmf @ Meas. Temp	.975@80F		
Rmc @ Meas. Temp	1.56@80F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.897@116F		
Time Circulation Stopped	4 HOURS		
Time Logger on Bottom	4:45 A.M.		
Maximum Recorded Temperature	116F		
Equipment Number	0836		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	STEVE MILLER		

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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
TASCO, KS. 2 W. ON HWY 24 TO "RD. 50", 2 S., 1/4 W., S. INTO PASTURE

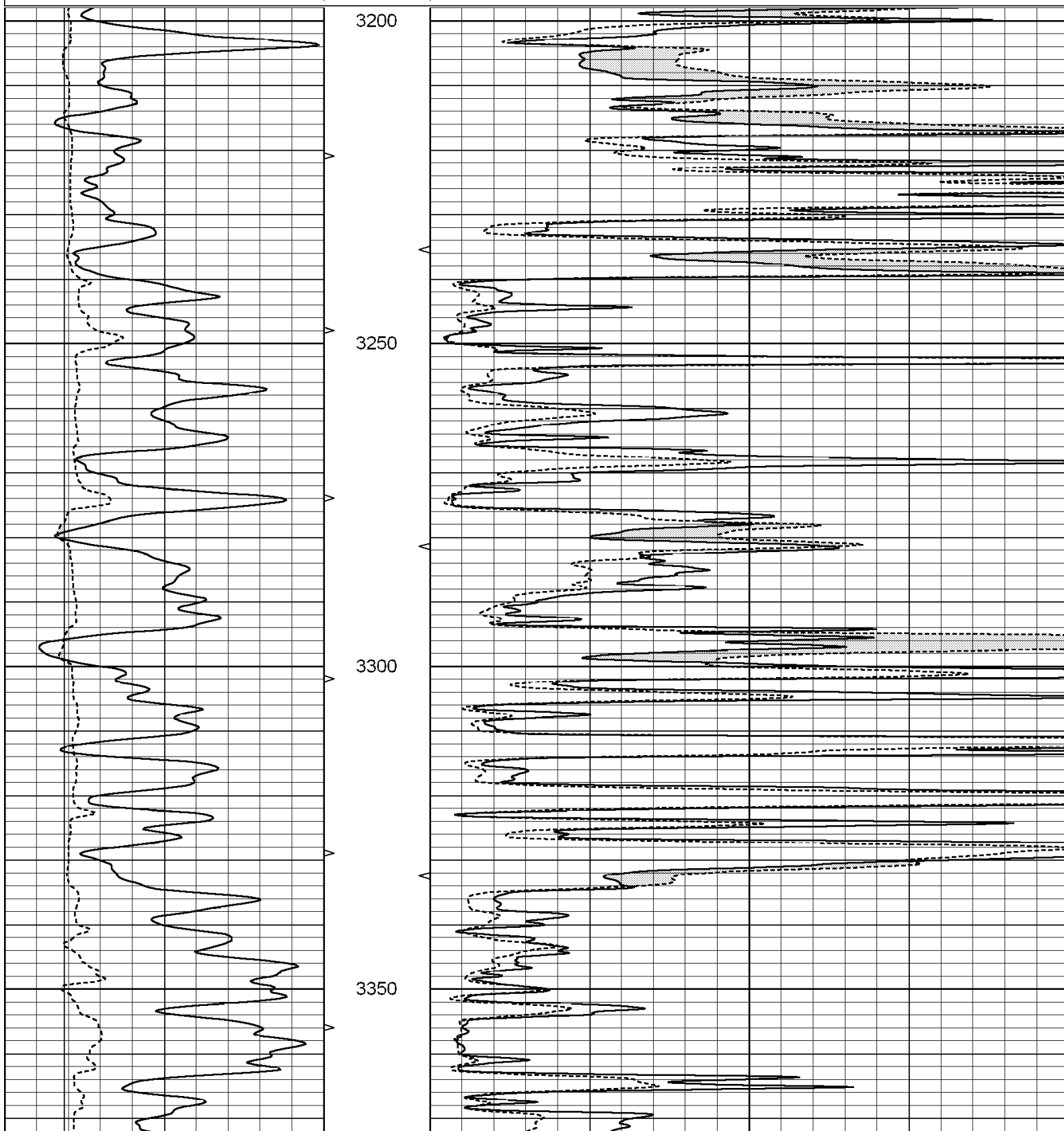


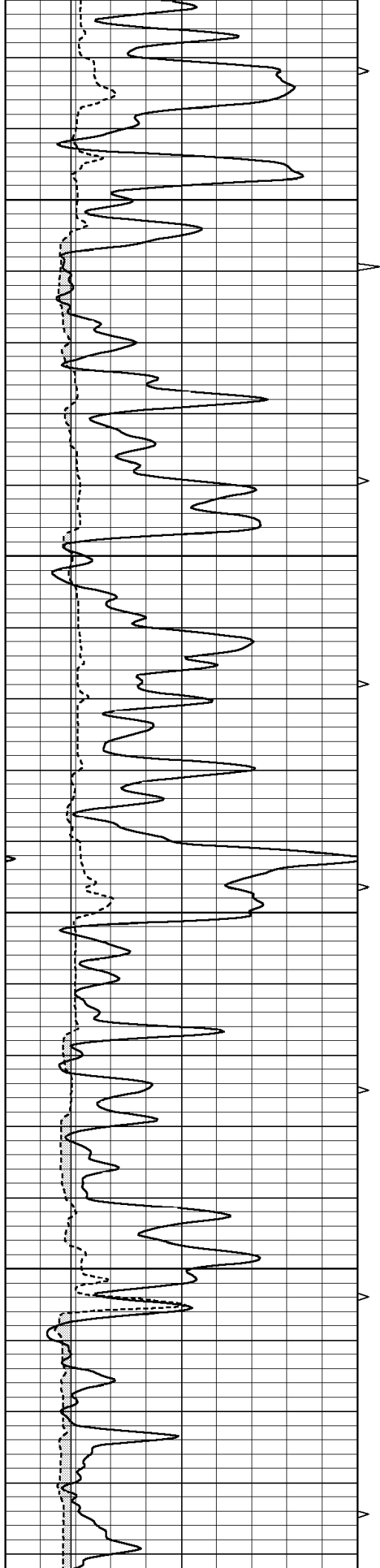
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MAIN SECTION

Database File: 004393ddn.db
Dataset Pathname: pass7.2
Presentation Format: micro
Dataset Creation: Sun Dec 20 07:43:40 2009
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			



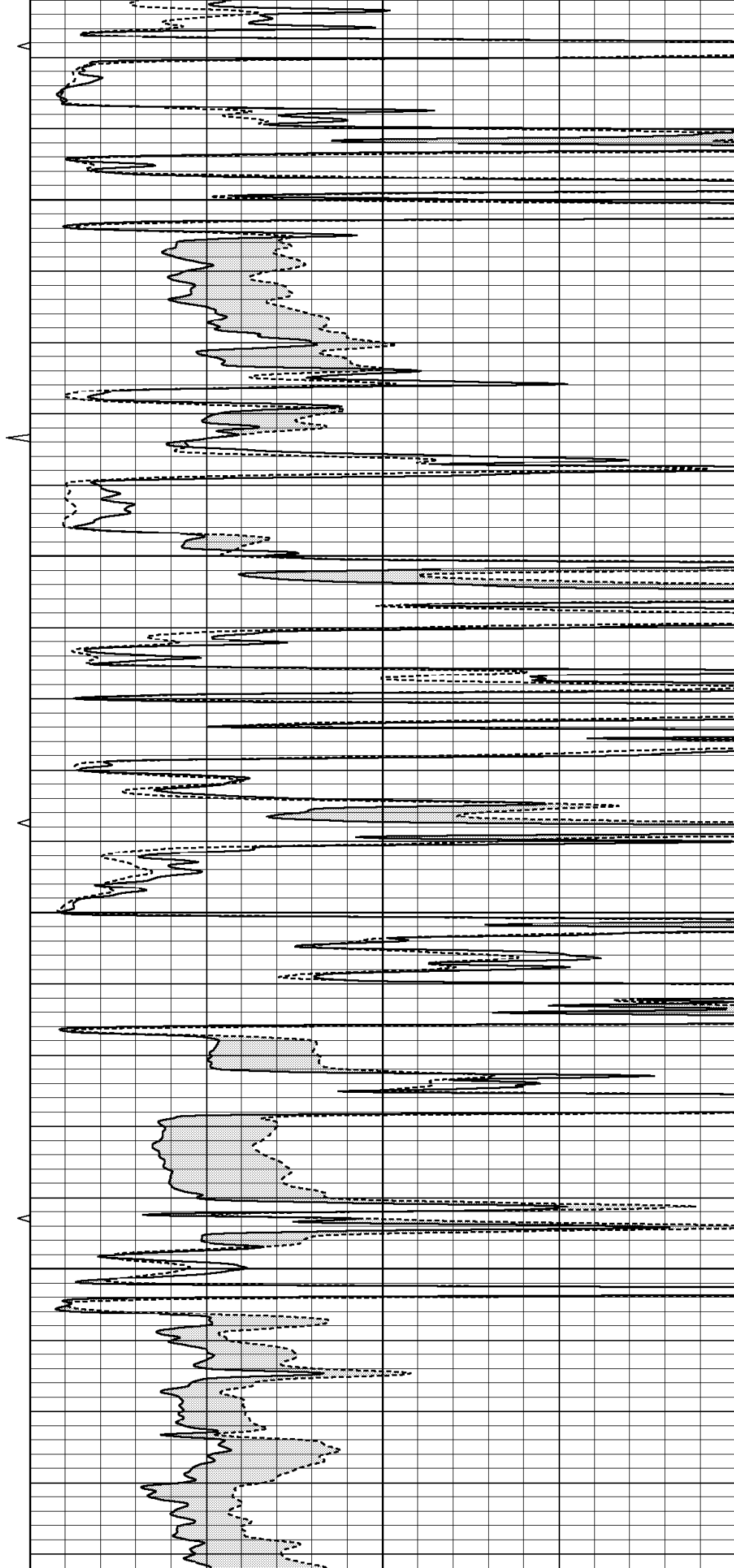


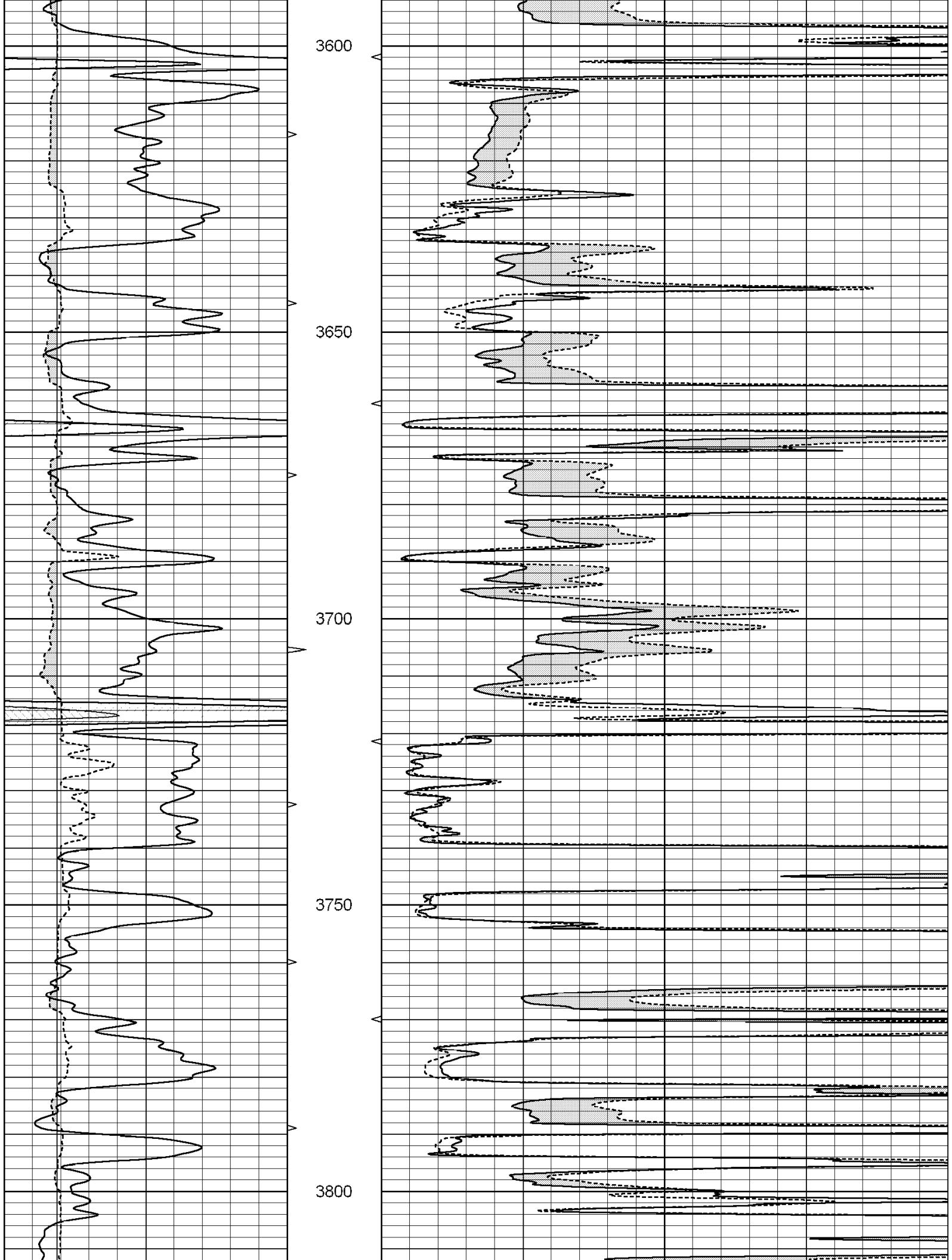
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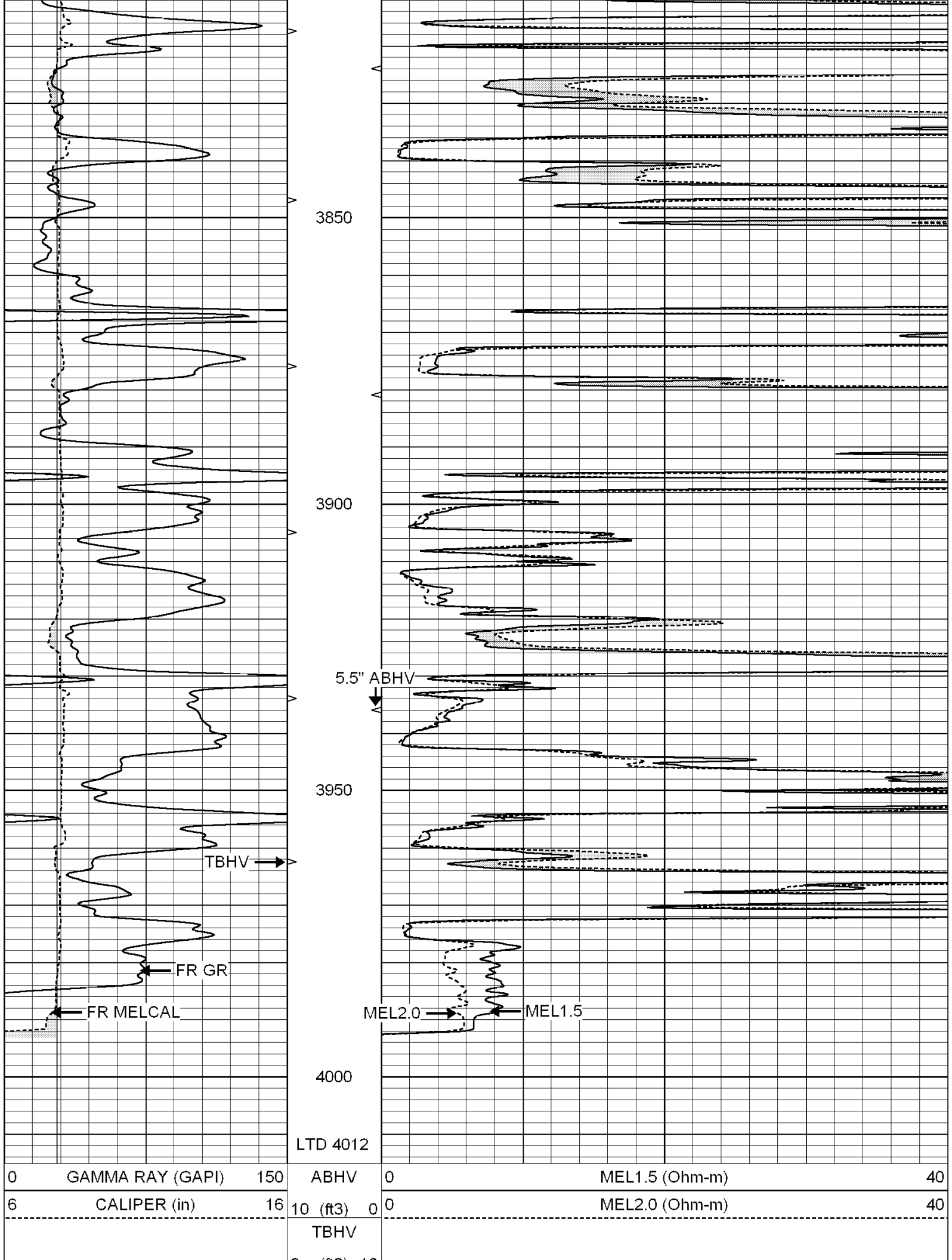
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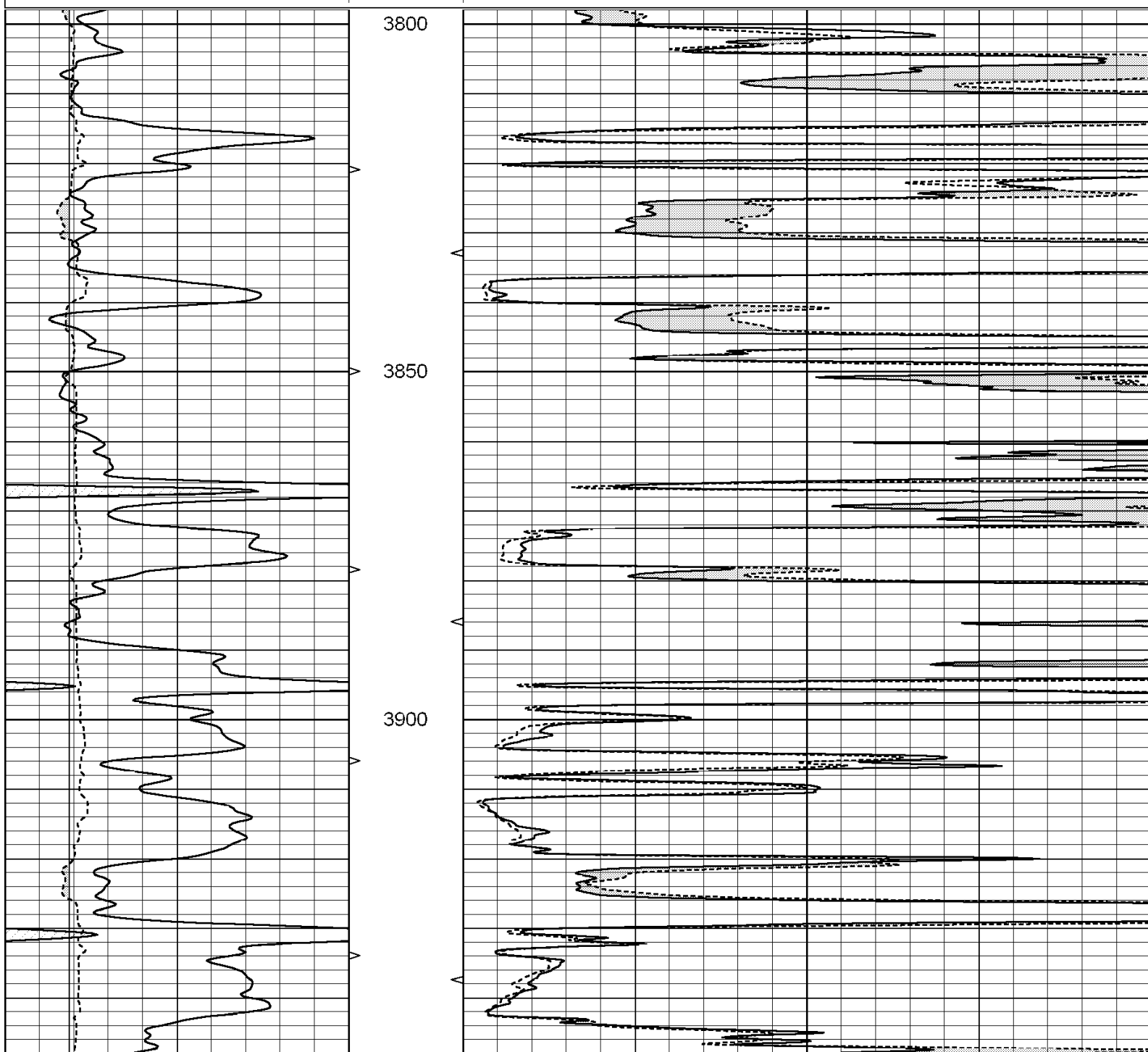


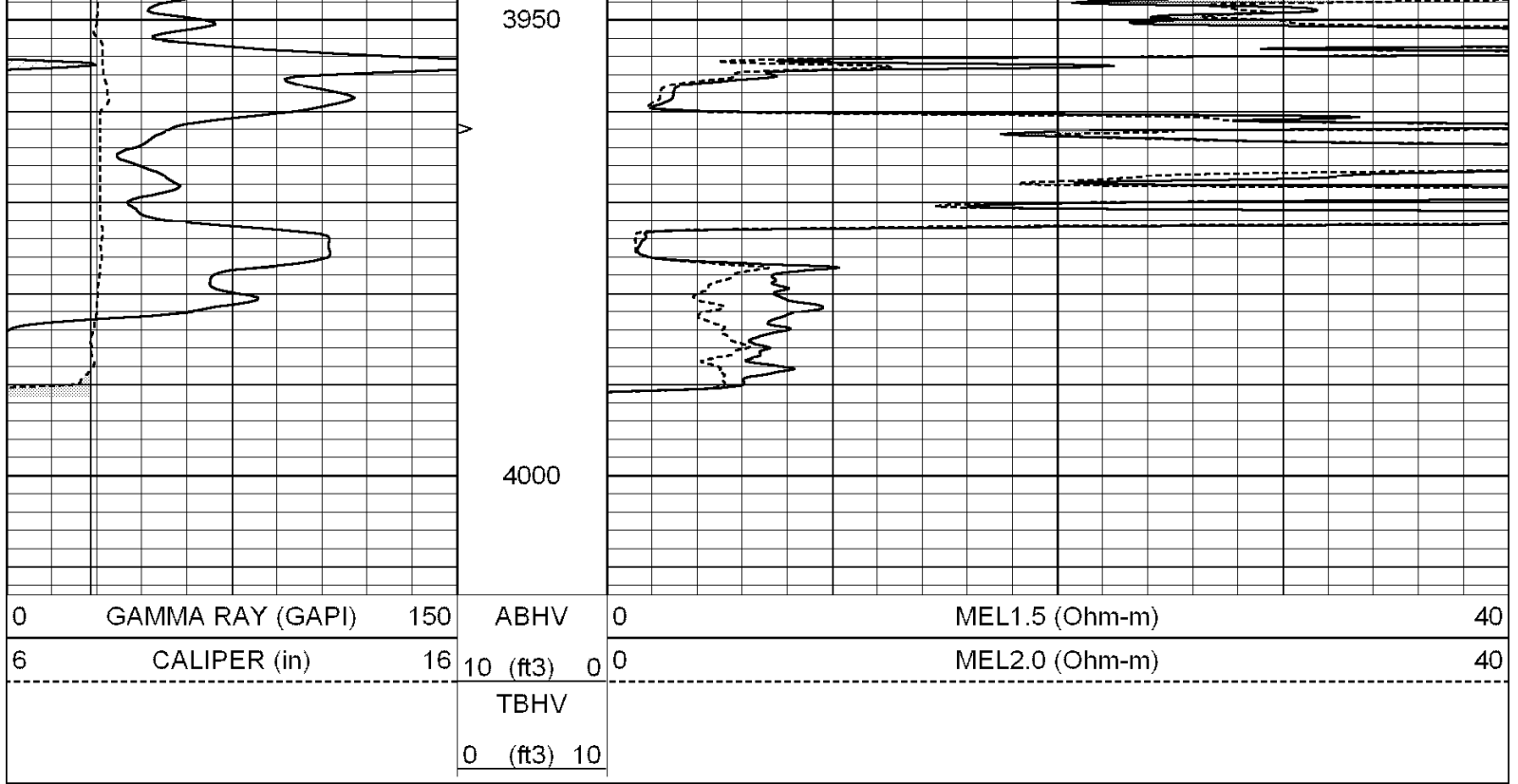
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REPEAT SECTION

Database File: 004393ddn.db
Dataset Pathname: pass6.3
Presentation Format: micro
Dataset Creation: Sun Dec 20 07:10:27 2009 by Calc Open-Cased 060407
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			





Calibration Report

Database File: 004393ddn.db
Dataset Pathname: pass7.2
Dataset Creation: Sun Dec 20 07:43:40 2009

MICRO Calibration Report

Serial Number:	MICRO5	
Tool Model:	PROBE	
Performed:	Sun Dec 20 07:10:47 2009	
Caliper Calibration:	Gain=3.389	Offset=-0.553
References	Low Cal	High Cal
Readings	6.300	14.000
	2.022	4.294
1.5" Calibration:	Gain=37.000	Offset=-1.500
References	Low Cal	High Cal
Readings	0.000	20.000
	0.011	0.994
2" Calibration:	Gain=46.000	Offset=-2.200
References	Low Cal	High Cal
Readings	0.000	20.000
	0.015	0.903

Gamma Ray Calibration Report

Serial Number:	GR3	
Tool Model:	OPEN	
Performed:	Sun Dec 20 07:10:44 2009	
Calibrator Value:	200.0	GAPI
Background Reading:	3.0	cps
Calibrator Reading:	186.0	cps

Sensitivity:

1.0000

GAPI/cps