



SUPERIOR
Hays,
Kansas

MICRO LOG

Company TETON NORTH AMERICA, LLC.
Well ALLPHIN #7
Field COOPER
County GRAHAM
State KANSAS

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Field COOPER
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Location: API # : 15-065-23446-0000

1393' FSL & 1848' FWL

SEC 33 TWP 9S RGE 21W

Permanent Datum GROUND LEVEL Elevation 2317
Log Measured From KELLY BUSHING 8' A.G.L.
Drilling Measured From KELLY BUSHING

Other Services
CDL/CNL
DIL/SONIC
Elevation
K.B. 2325
D.F. 2323
G.L. 2317

Date	6/27/08		
Run Number	TWO		
Depth Driller	3977		
Depth Logger	3976		
Bottom Logged Interval	3953		
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	9.4/68		
pH / Fluid Loss	10.0/8.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.20@90F		
Rmf @ Meas. Temp	.900@90F		
Rmc @ Meas. Temp	1.44@90F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.931@116F		
Time Circulation Stopped	4 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	116F		
Equipment Number	0836		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	KEITH REAVIS	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
PALCO, KS. 2S. ON BLKTOP TO RD. "Y", 5 1/2 W., N. INTO BEFORE TANK BATTERY

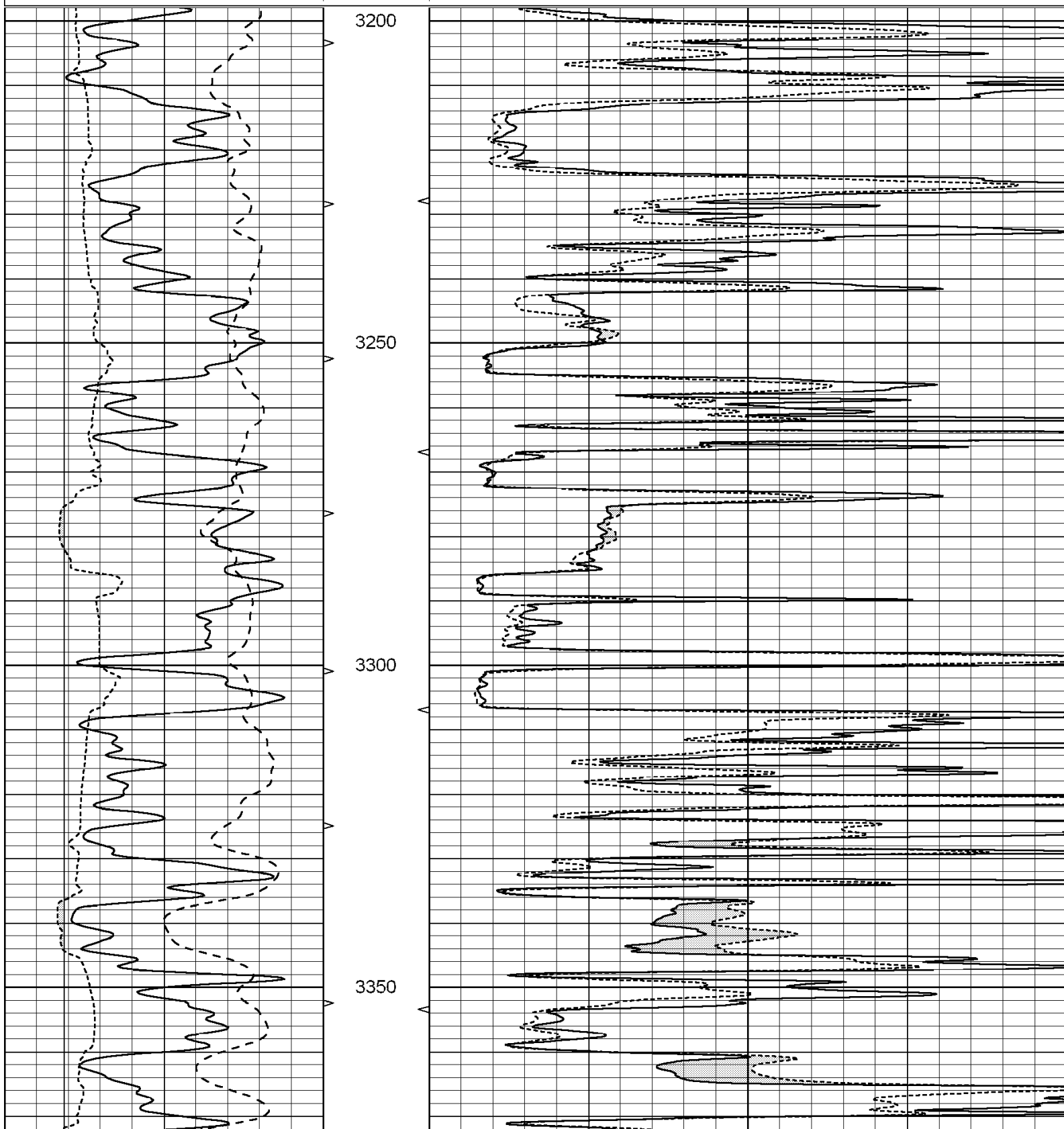


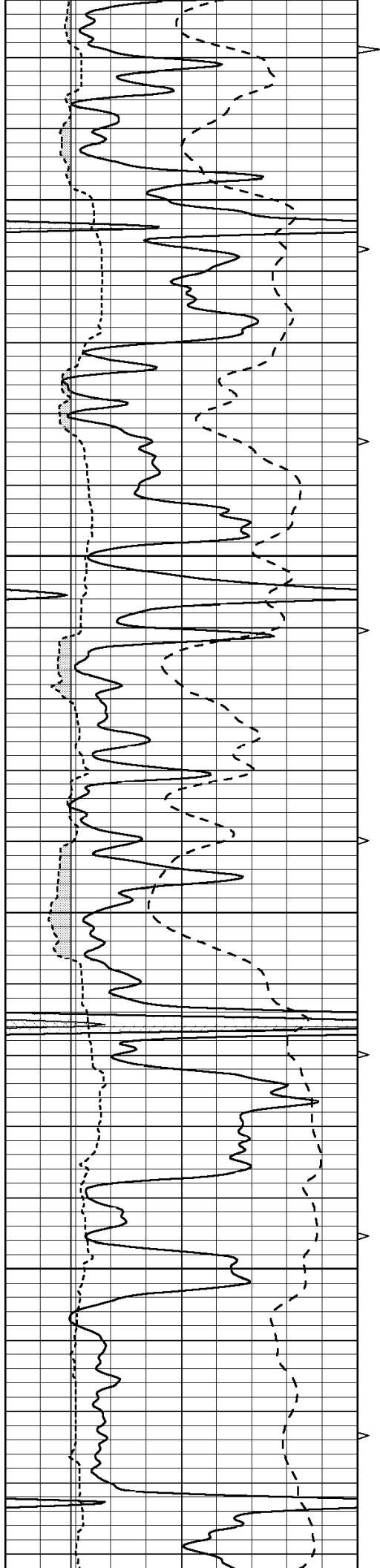
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MAIN SECTION

Database File: 002062ddn.db
Dataset Pathname: pass6.5
Presentation Format: micro
Dataset Creation: Fri Jun 27 15:23:41 2008
Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	20
-100	SP (mV)	100	10 (ft3) 0	0	MEL2.0 (Ohm-m)	20
6	CALIPER (in)	16	TBHV			
			0 (ft3) 10			



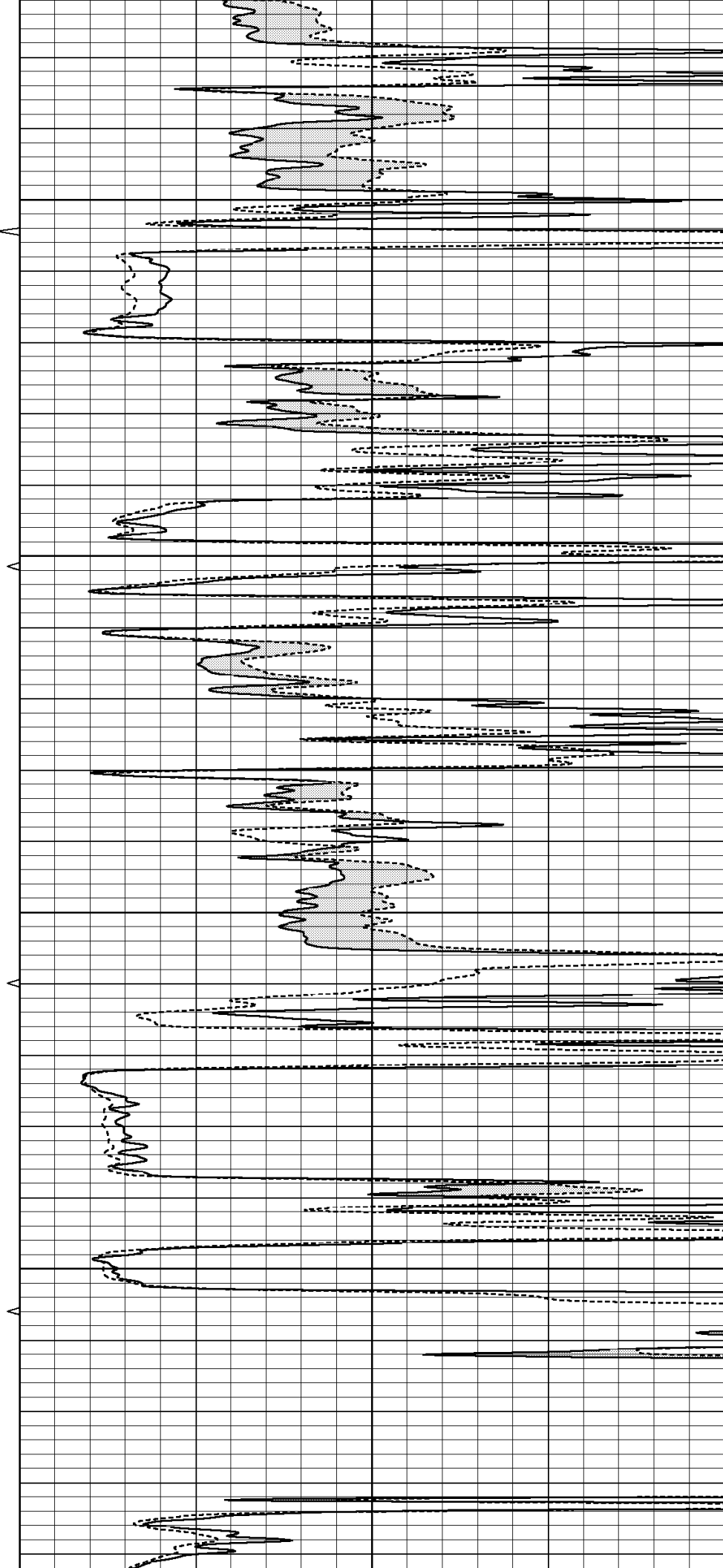


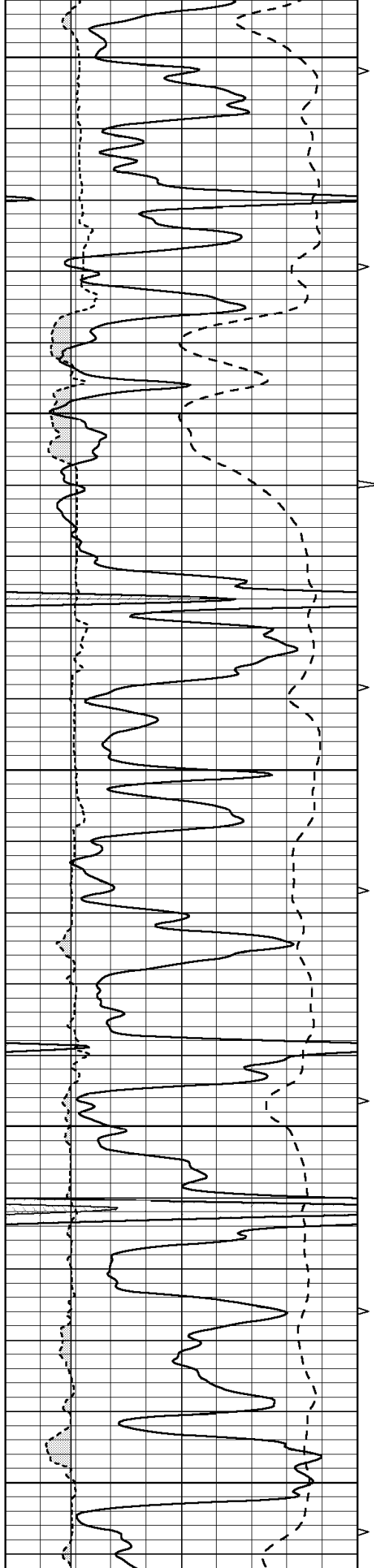
3400

3450

3500

3550





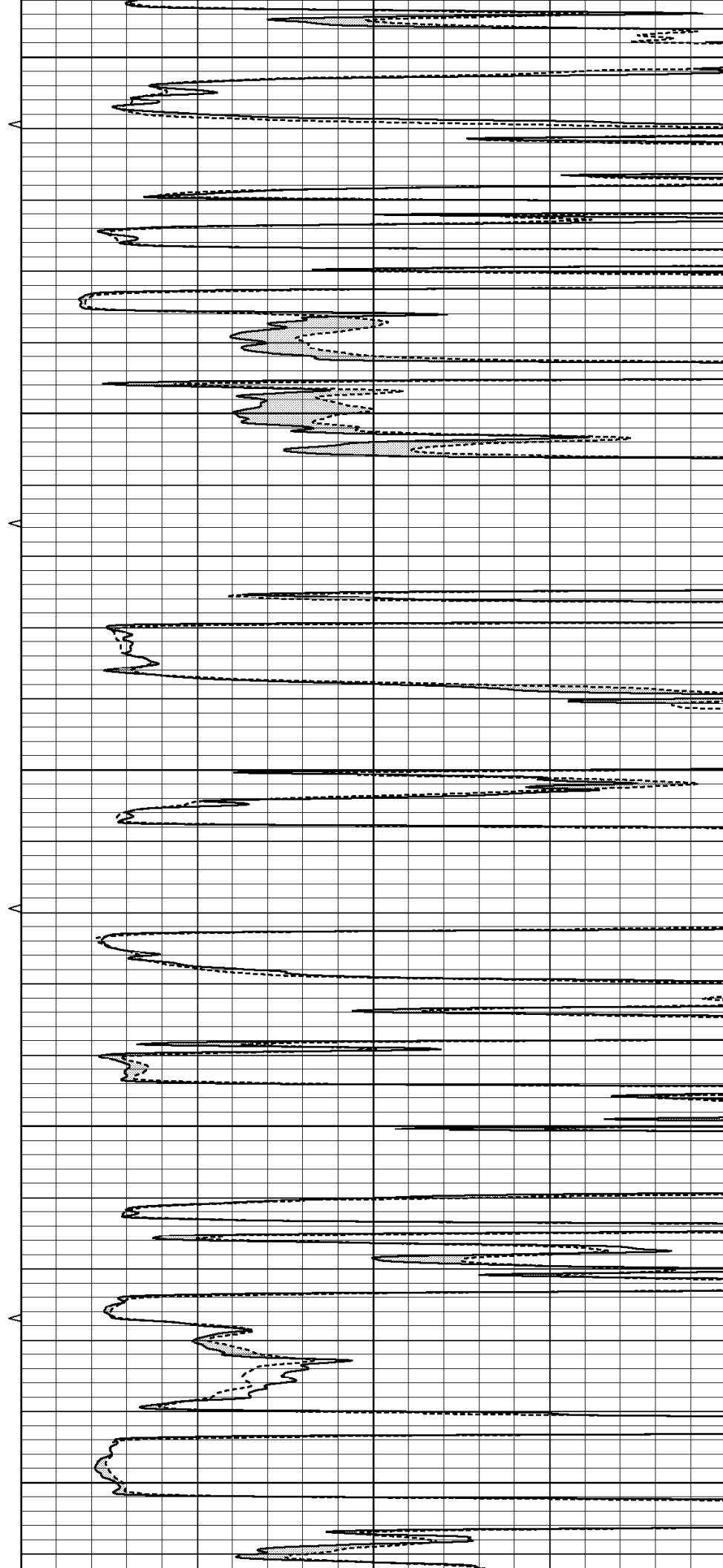
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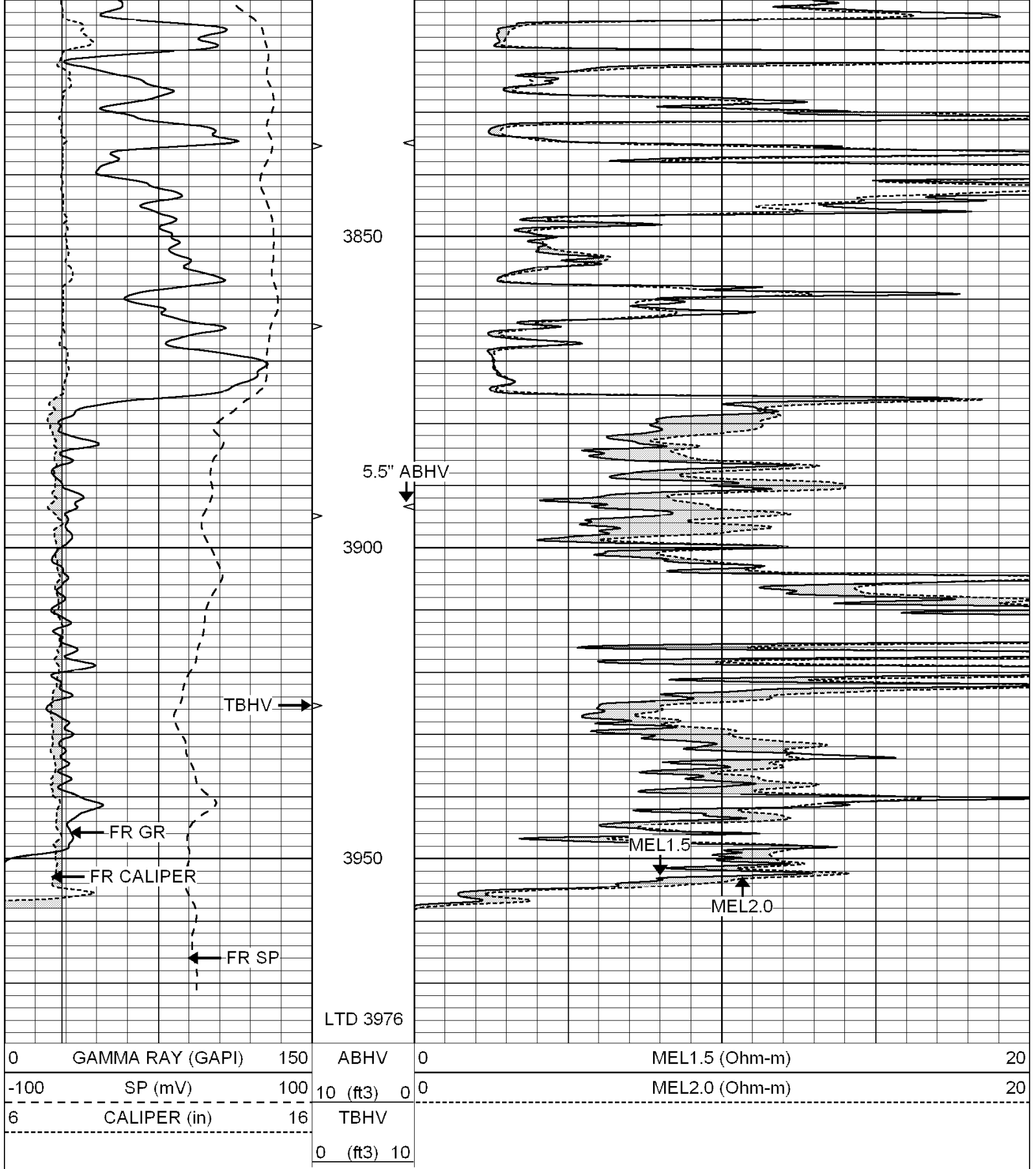
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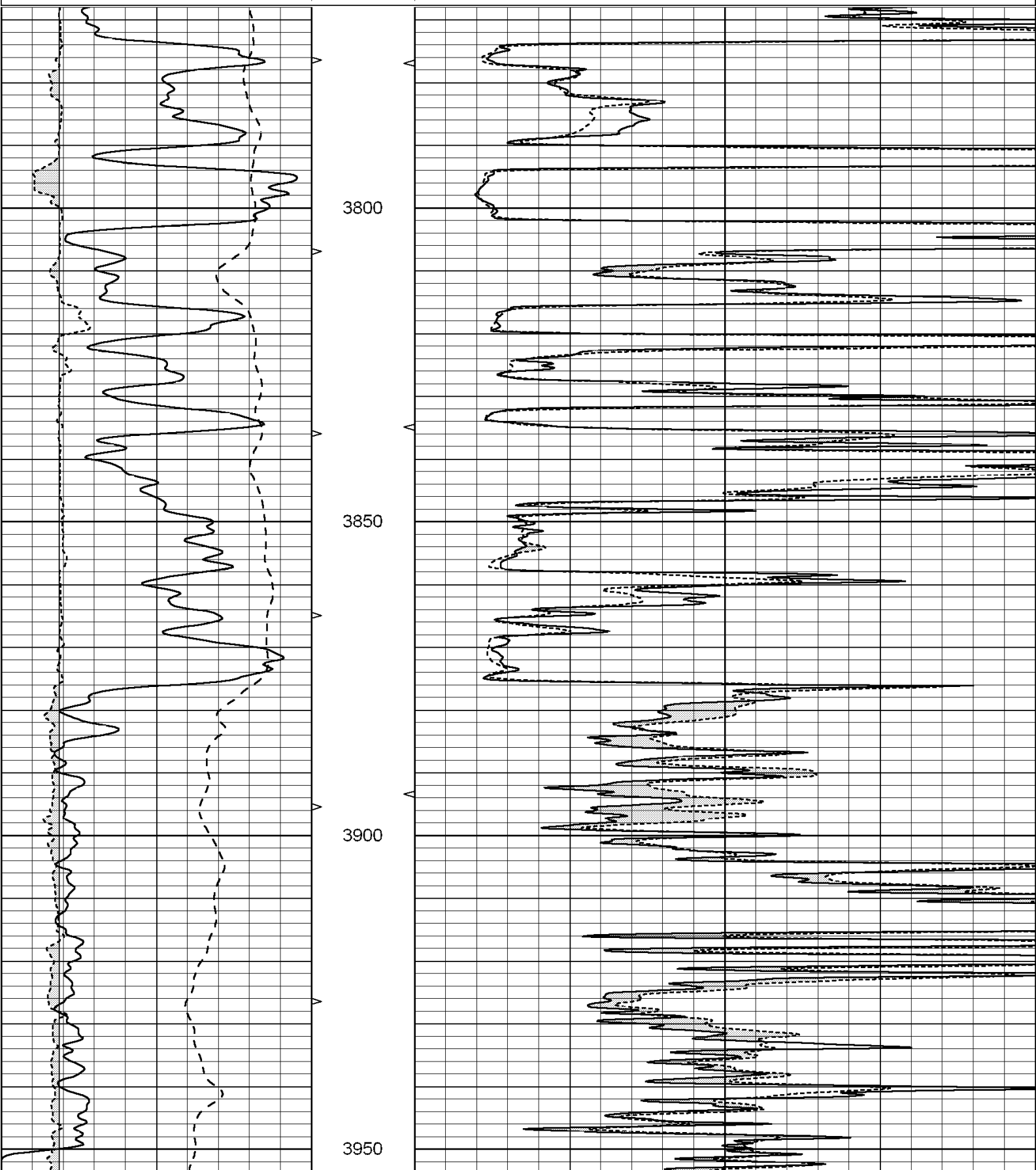


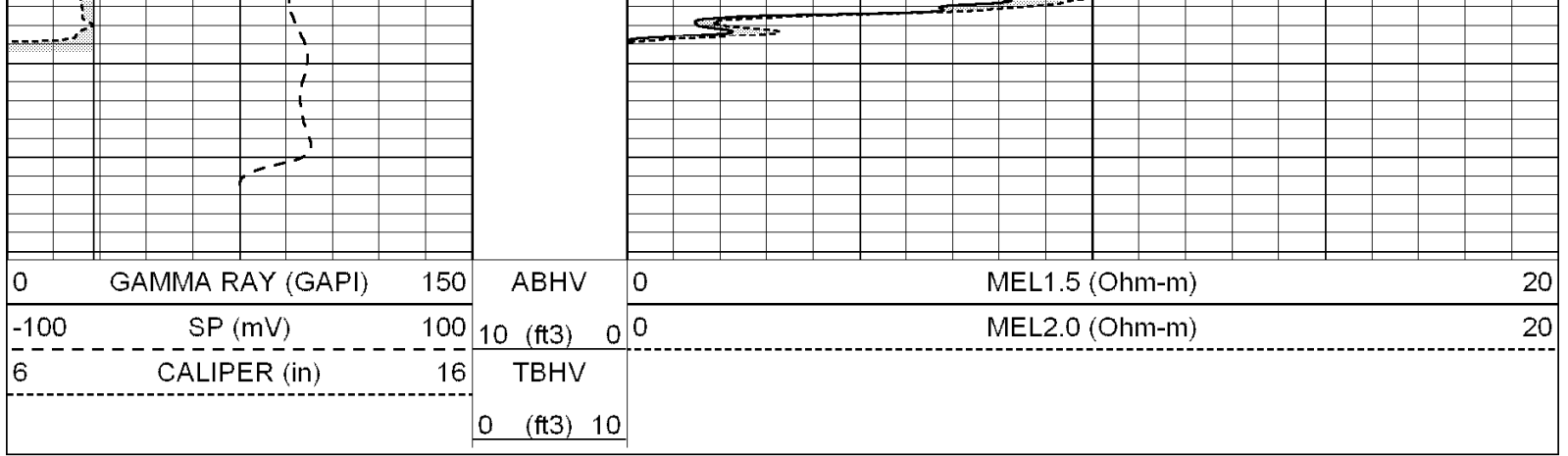


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REPEAT SECTION

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	20
-100	SP (mV)	100	10 (ft3)	0	MEL2.0 (Ohm-m)	20
6	CALIPER (in)	16	TBHV			
			0 (ft3)	10		





Calibration Report			
Database File:	002062ddn.db		
Dataset Pathname:	pass6.5		
Dataset Creation:	Fri Jun 27 15:23:41 2008		
MICRO Calibration Report			
Serial Number:	MICRO5		
Tool Model:	PROBE		
Performed:	Fri Jun 27 14:04:37 2008		
Caliper Calibration:	Gain=3.495	Offset=-4.997	
References	Low Cal	High Cal	
Readings	7.000	15.000	
	3.433	5.721	
1.5" Calibration:	Gain=22.000	Offset=-0.100	
References	Low Cal	High Cal	
Readings	0.000	20.000	
	0.025	0.991	
2" Calibration:	Gain=27.500	Offset=0.000	
References	Low Cal	High Cal	
Readings	0.000	20.000	
	0.018	0.809	
Gamma Ray Calibration Report			
Serial Number:	GR4		
Tool Model:	OPEN		
Performed:	Fri Jun 27 14:04:46 2008		
Calibrator Value:	200.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	189.0	cps	
Sensitivity:	0.9500	GAPI/cps	