



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

Company I.A. OPERATING, INC.		Company I.A. OPERATING, INC.	
Well	PEAVEY D #6-1	Well	PEAVEY D #6-1
Field	ANDERSON	Field	ANDERSON
County	ELLIS	County	ELLIS
State	KANSAS	State	KANSAS
Location:		API # : 15-051-26540-00-00	
520' FNL & 1130' FWL SE - NE - NW - NW		CDL/CNL DIL/SON	
SEC 6 TWP 11S RGE 18W		Elevation	
Permanent Datum	GROUND LEVEL	Elevation	1951
Log Measured From	KELLY BUSHING & A.G.L.	K.B. 1959	
Drilling Measured From	KELLY BUSHING	D.F. 1957	
		G.L. 1951	
Date	6/10/13		
Run Number	TWO		
Depth Driller	3580		
Depth Logger	3579		
Bottom Logged Interval	3561		
Top Log Interval	2800		
Casing Driller	8 5/8" @ 263		
Casing Logger	263		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 8,000 PPM	
Density / Viscosity	9.1/50		
pH / Fluid Loss	9.5/8.8		
Source of Sample	FLOWLINE		
Rin @ Meas. Temp	0.45 @ 89F		
Rinf @ Meas. Temp	0.34 @ 89F		
Rinc @ Meas. Temp	0.54 @ 89F		
Source of Rinf / Rinc	MEASURED		
Rin @ BHT	0.36 @ 112F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	112F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	JEFF GRONEMEG		
Witnessed By	MARC DOWNING		

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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

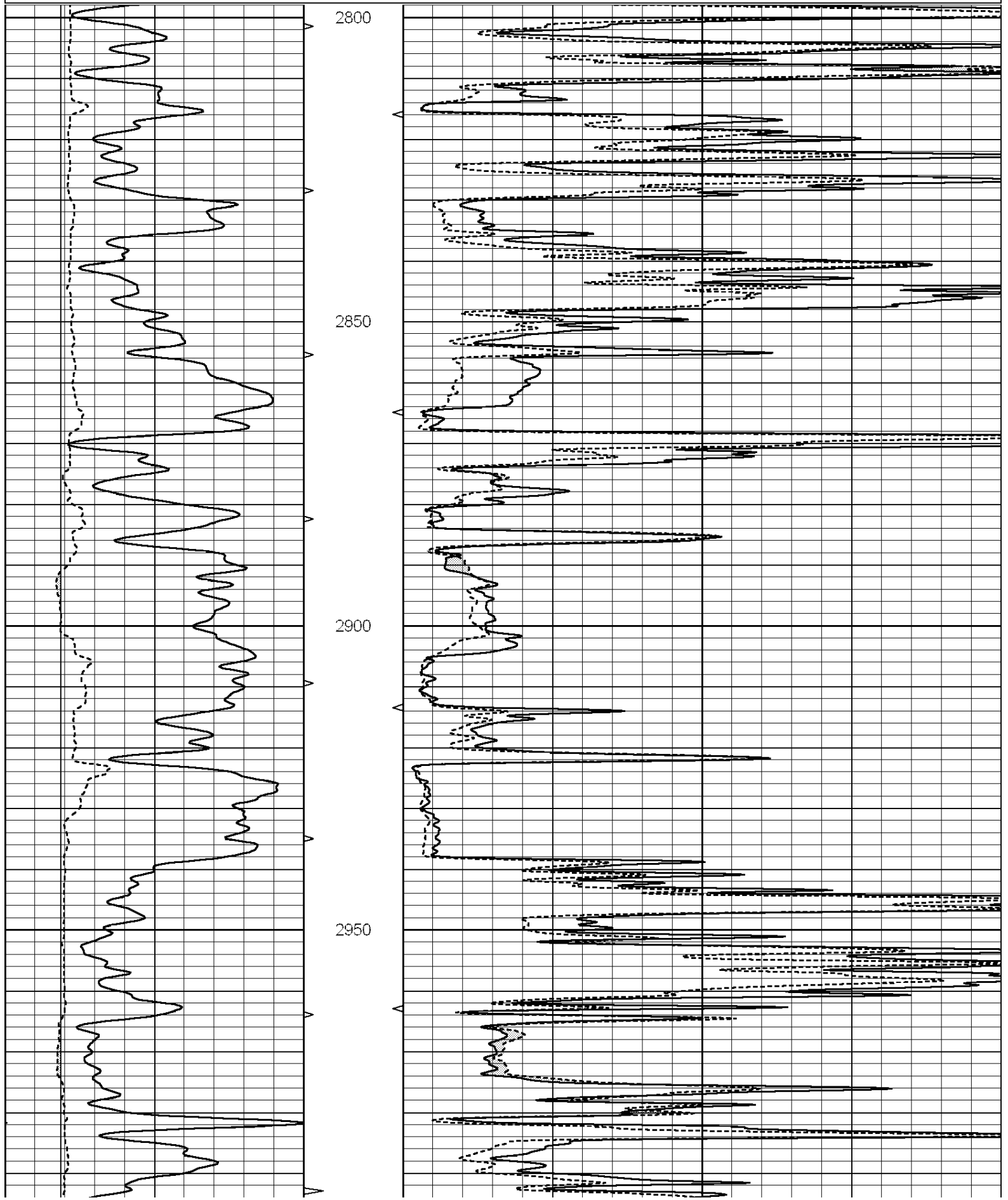
THANK YOU FOR USING NABORS COMPLETION & PRODUCTION SVCS. (785) 628-6395

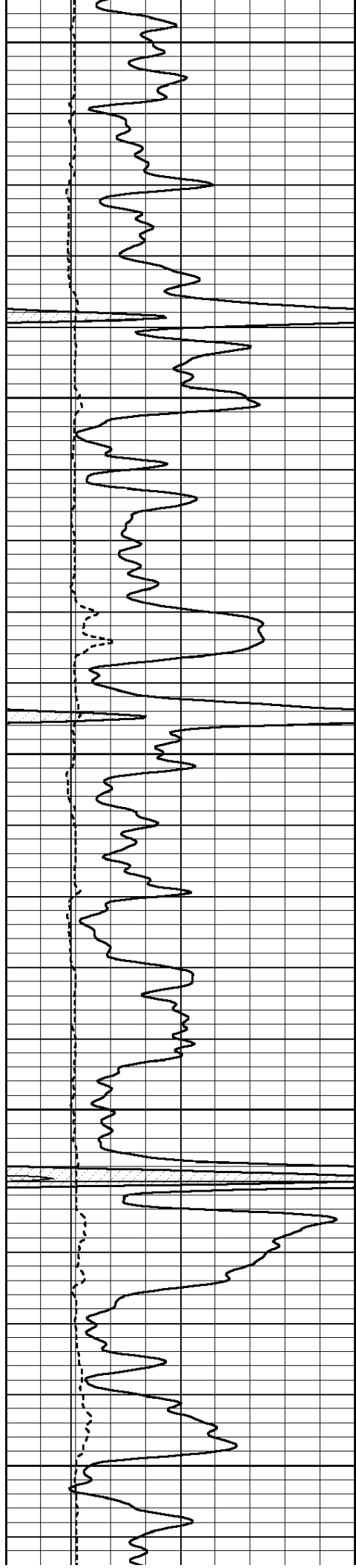
DIRECTIONS:

HAYS, KS - NORTH TO SALINE RIVER RD - 1 1/2 MILES WEST TO RD 240
2.8 MILES NORTH AND WEST - WEST 3/4 MILE INTO AT PB RANCH SIGN

Database File: 061013ddn.db
Dataset Pathname: pass6.1
Presentation Format: _micro
Dataset Creation: Mon Jun 10 05:48:47 2013 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

Charted by:		Depth in Feet scaled 1:2.15				
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		





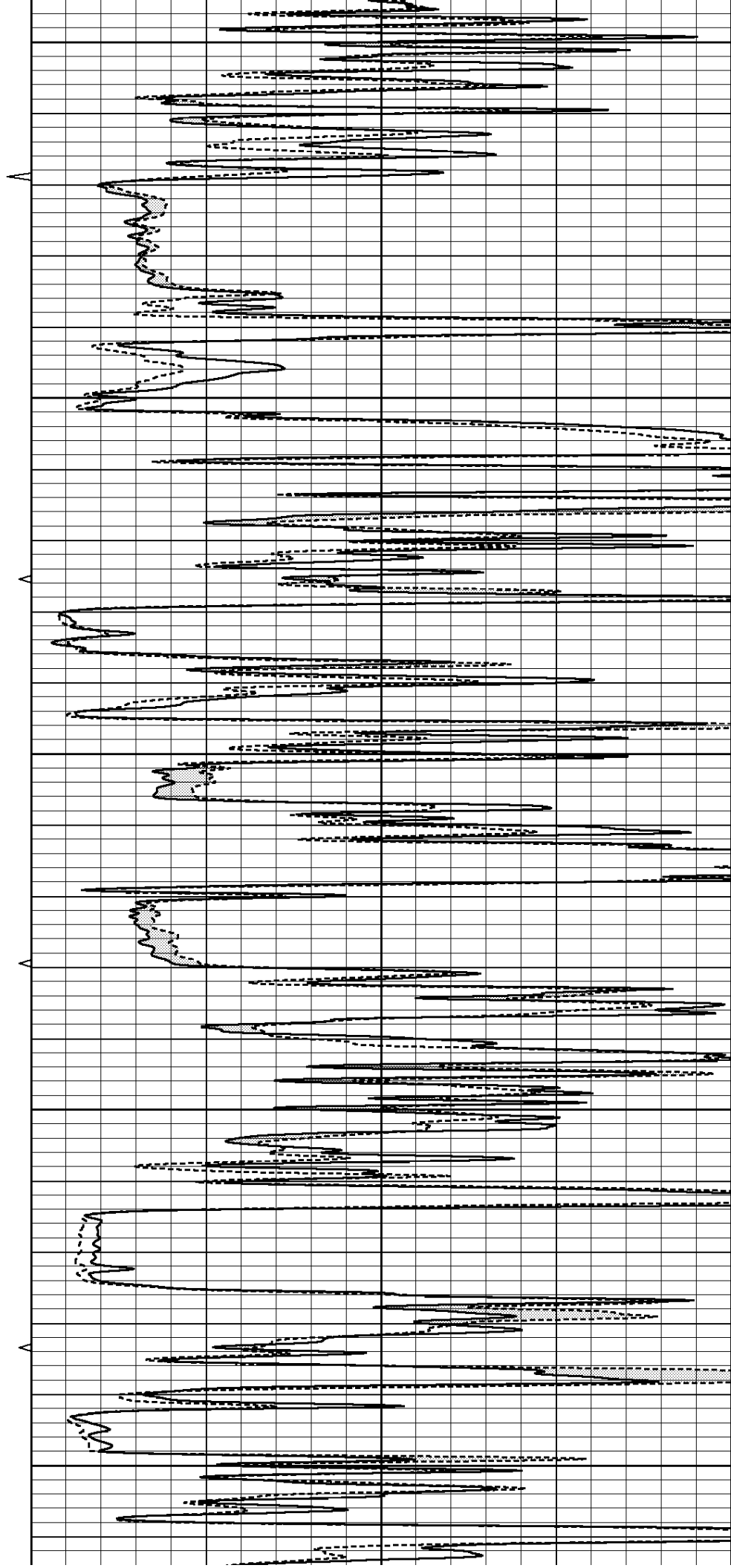
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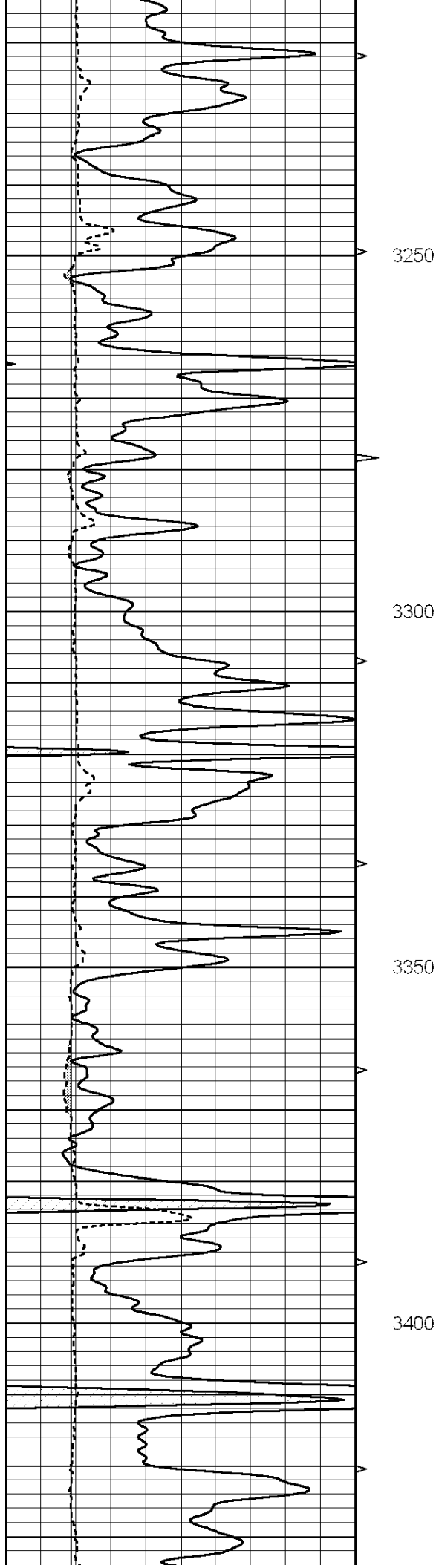
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3150

3200



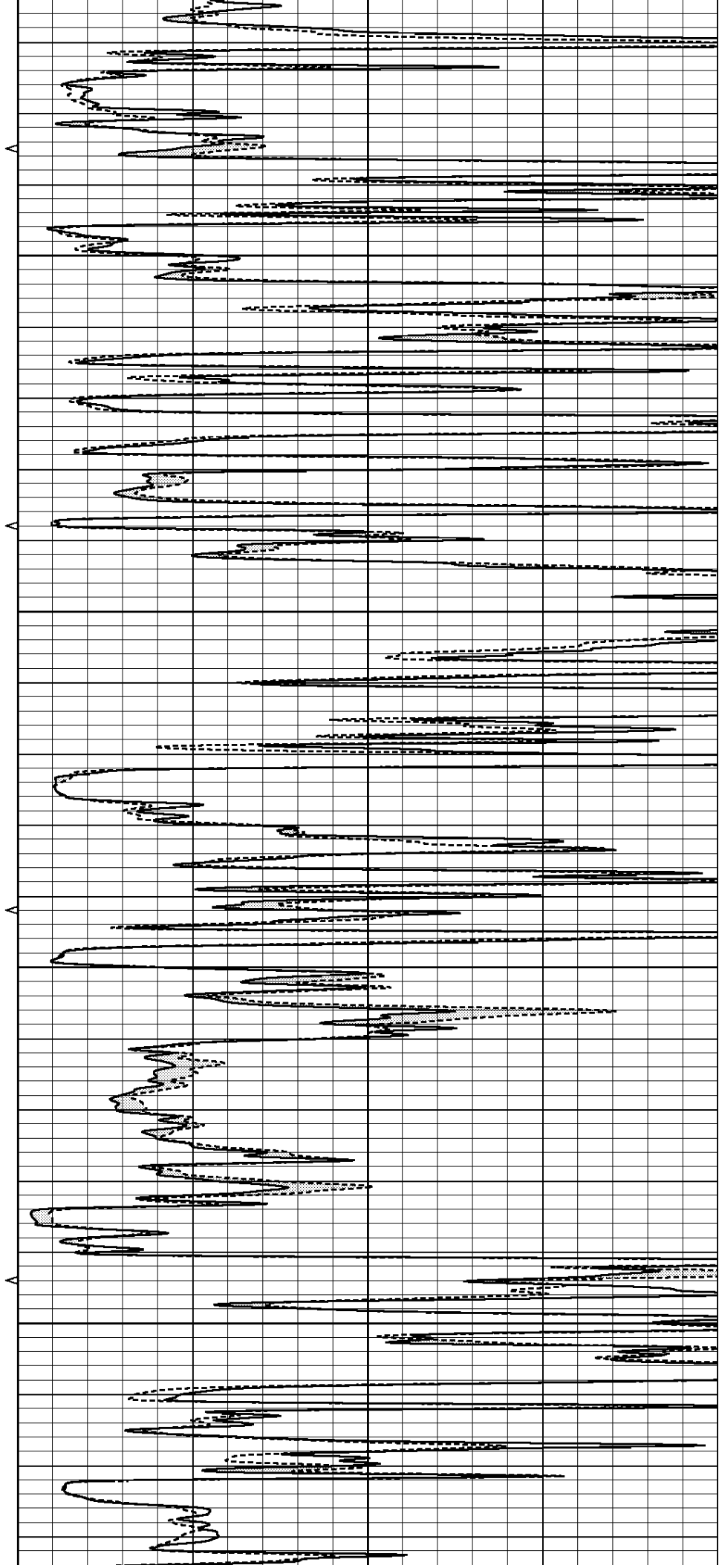


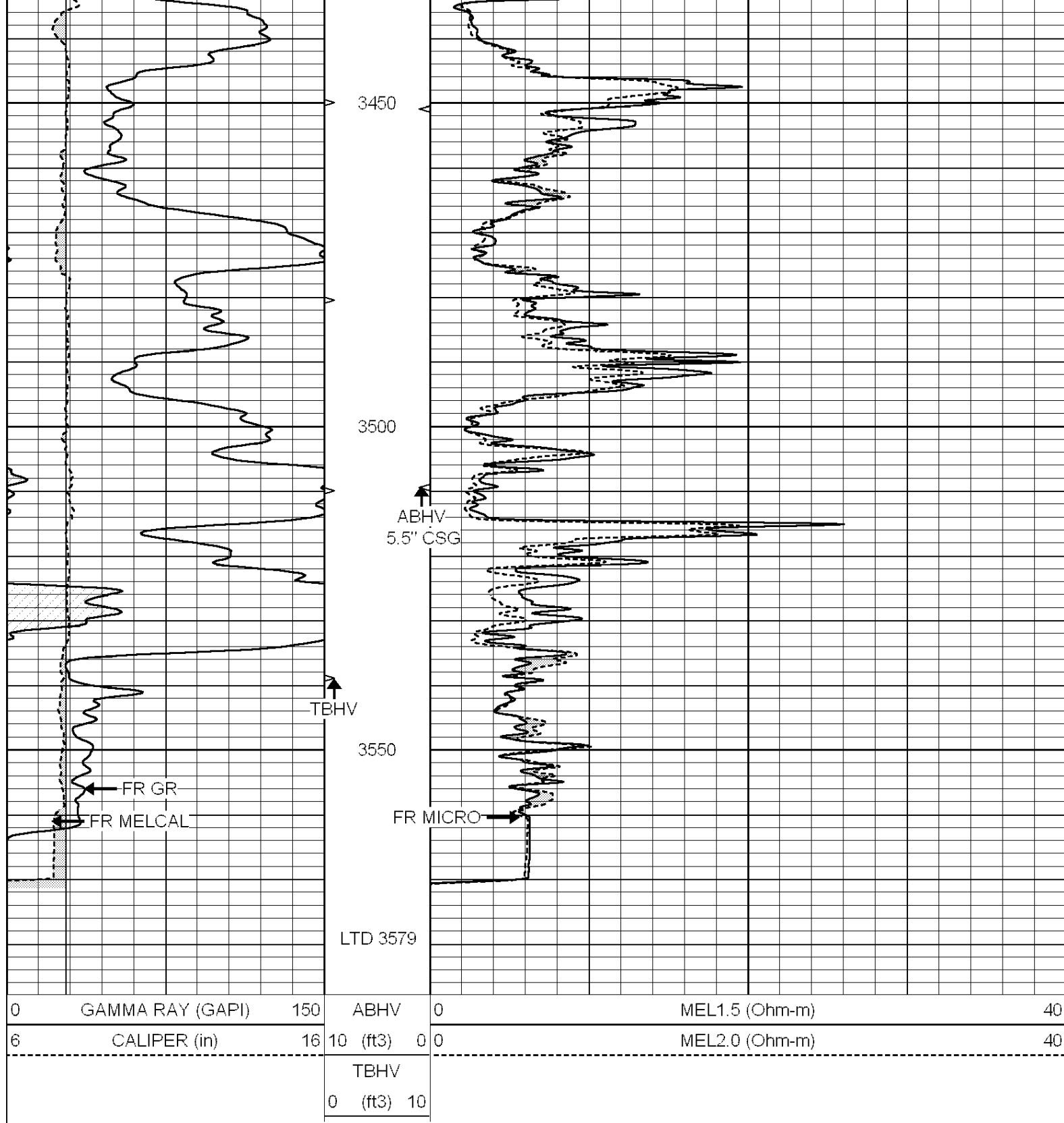
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3300

3350

3400





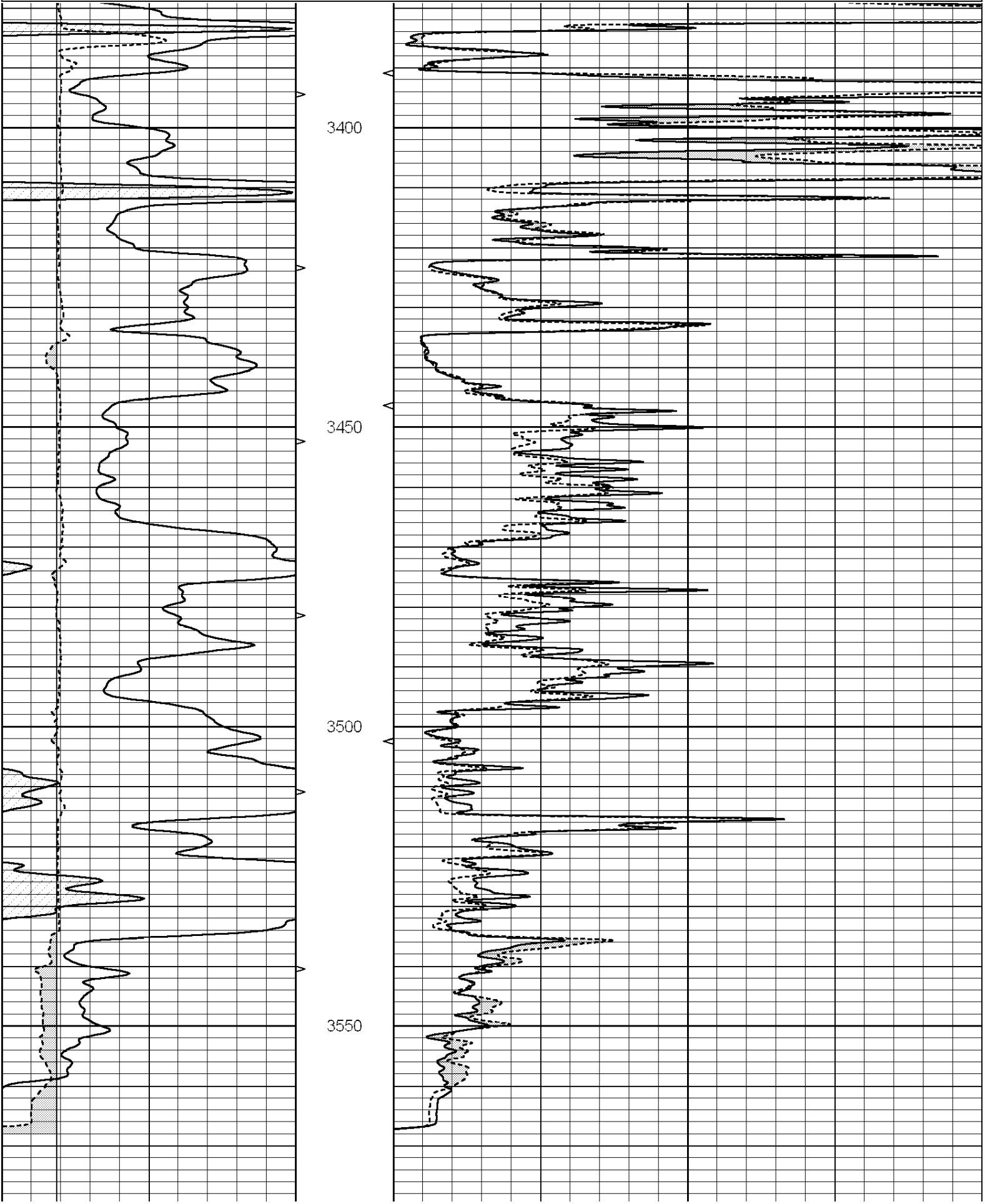
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REPEAT SECTION

Database File: 061013ddn.db
 Dataset Pathname: pass5
 Presentation Format: _micro
 Dataset Creation: Mon Jun 10 05:10:22 2013 by Log Open-Cased 090629
 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
			TBHV			
			0 (ft3)	10		



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: 061013ddn.db			
Dataset Pathname: pass6.1			
Dataset Creation: Mon Jun 10 05:48:47 2013 by Calc Open-Cased 090629			
MICRO Calibration Report			
Serial Number:		MICRO6	
Tool Model:		PROBE	
Performed:		Fri May 03 14:17:57 2013	
Caliper Calibration:		Gain=5.542	Offset=-1.170
References		Low Cal	High Cal
Readings		8.000	14.000
		1.431	2.513
1.5" Calibration:		Gain=45.075	Offset=-0.700
References		Low Cal	High Cal
Readings		0.000	20.000
		0.004	1.196
2" Calibration:		Gain=47.041	Offset=-0.600
References		Low Cal	High Cal
Readings		0.000	20.000
		0.006	0.913
Gamma Ray Calibration Report			
Serial Number:		#8	
Tool Model:		OPEN	
Performed:		Mon Jun 13 16:56:43 2011	
Calibrator Value:		150.0	GAPI
Background Reading:		0.0	cps
Calibrator Reading:		175.0	cps
Sensitivity:		0.8371	GAPI/cps