



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

MICRO LOG

Company		DREILING OIL COMPANY, INC.	
Well		DREILING TRUST #1	
Field		SUGARLOAF	
County		ELLIS	
State		KANSAS	
Location:		API # : 15-051-26587-0000 345' FNL & 330' FEL S/2 - NE - NE - NE/4	
SEC 20 TWP 13S RGE 17W		Other Services CDL/CNL DIL/SON	
Permanent Datum		GROUND LEVEL Elevation 2037	
Log Measured From		KELLY BUSHING & A.G.L.	
Drilling Measured From		KELLY BUSHING	
Date	10/23/13		
Run Number	TWO		
Depth Driller	3700		
Depth Logger	3702		
Bottom Logged Interval	3684		
Top Log Interval	2900		
Casing Driller	8 5/8" @ 222'		
Casing Logger	222'		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.1 / 53		
pH / Fluid Loss	10.0 / 8.0		
Source of Sample	FLOWLINE		
Rin @ Meas. Temp	0.80 @ 70F		
Rinf @ Meas. Temp	0.60 @ 70F		
Rinc @ Meas. Temp	0.96 @ 70F		
Source of Rinf / Rinc	MEASURED		
Rin @ BHT	0.50 @ 113F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	113F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	JEFF GRONEMEG		
Witnessed By	ROGER FISHER		

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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.

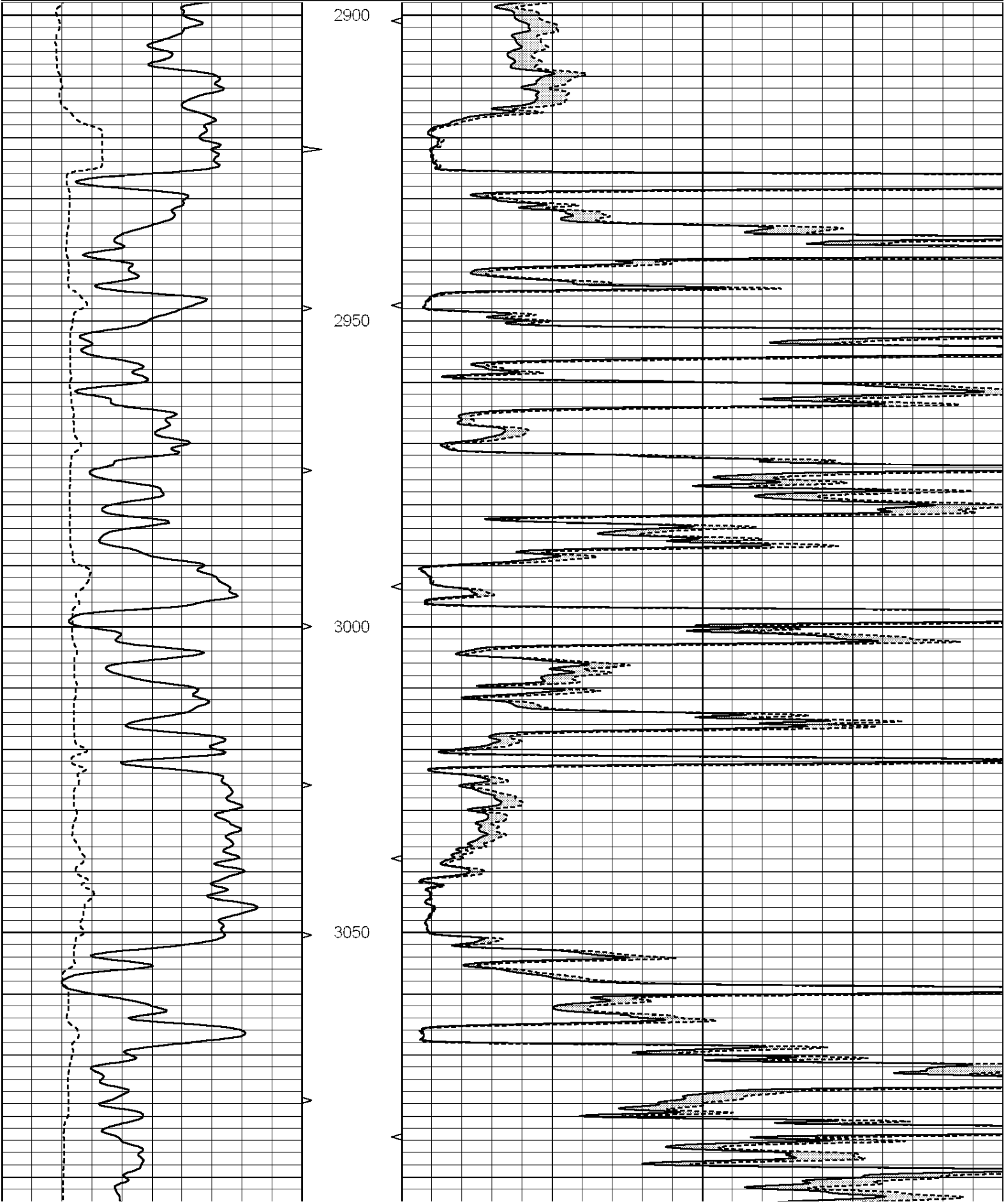
Comments

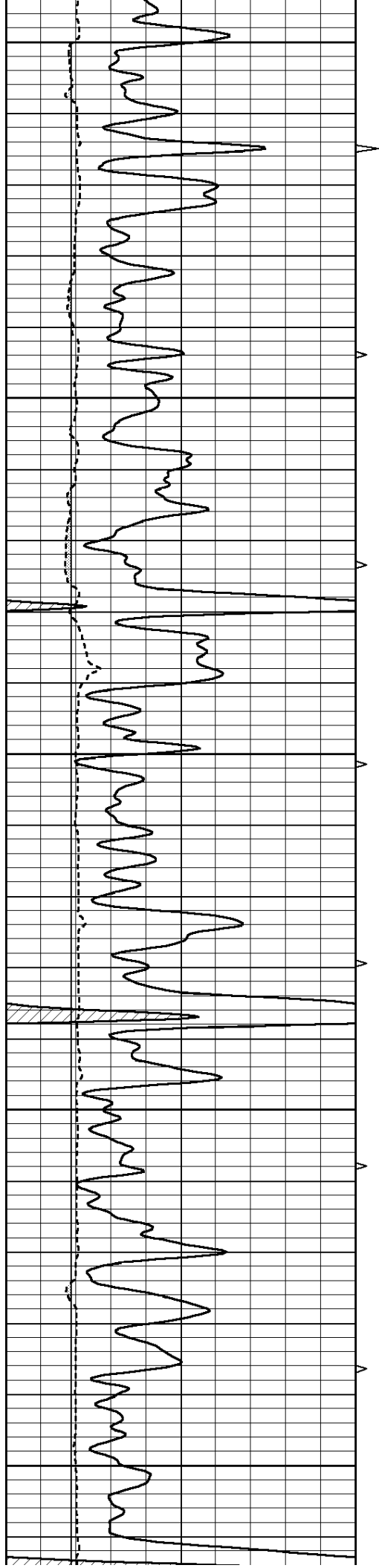
THANK YOU FOR USING NABORS COMPLETION & PRODUCTION SVCS. (785) 628-6395

DIRECTIONS:

TOULON EXIT ON I-70 - 2 1/2 MILES NORTH TO FAIRGROUND RD - 1/2 MILE EAST TO GATE
INTO SOUTH - EAST - NORTH APPROX 1 MILE

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	MEL2.0 (Ohm-m)	40
			TBHV			
			0 (ft3)	10		





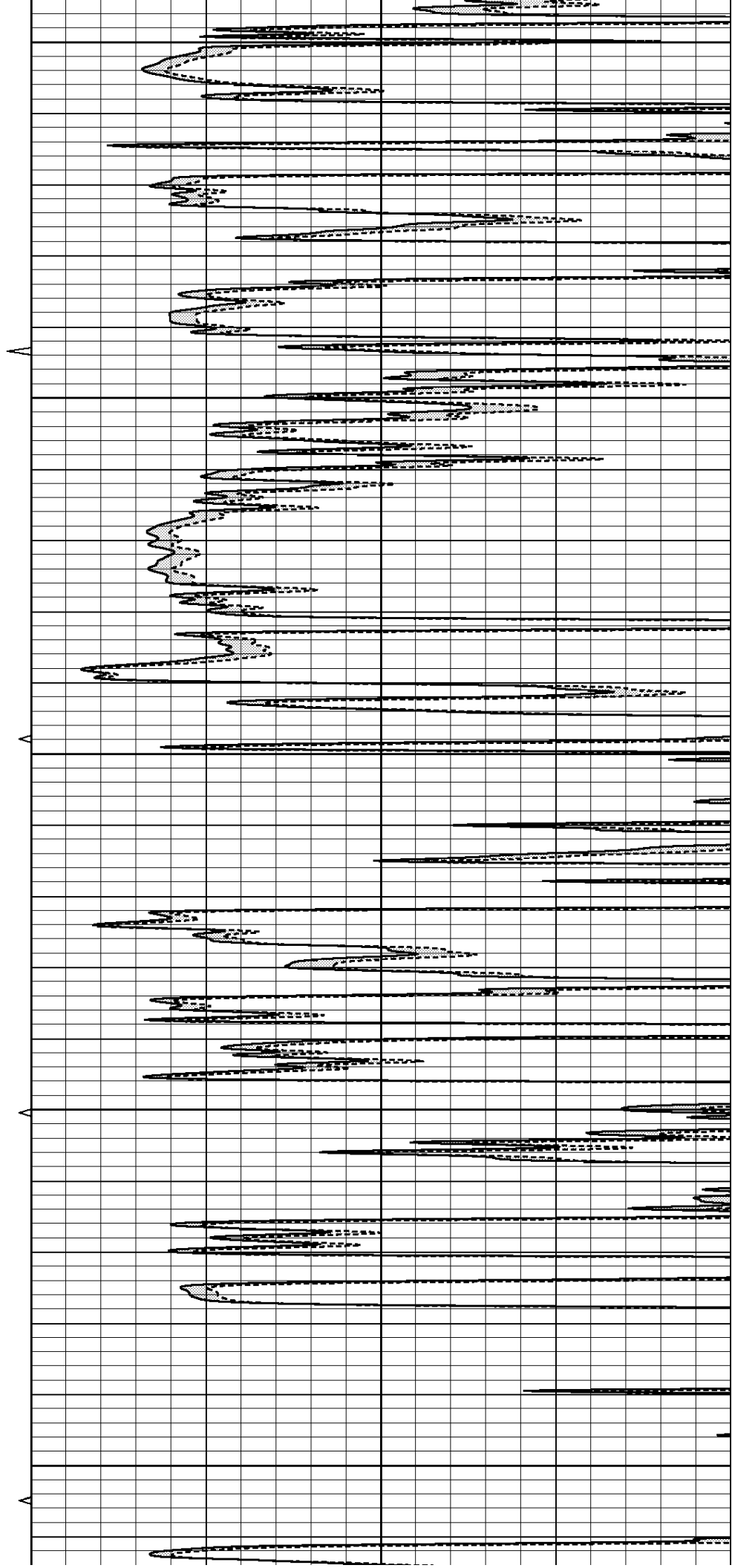
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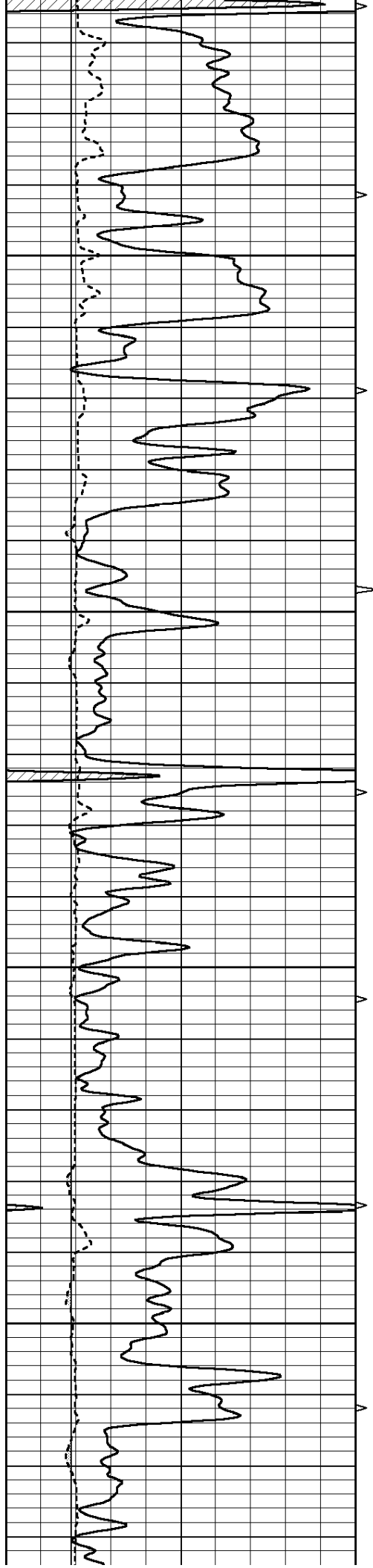
3150

3200

3250

3300



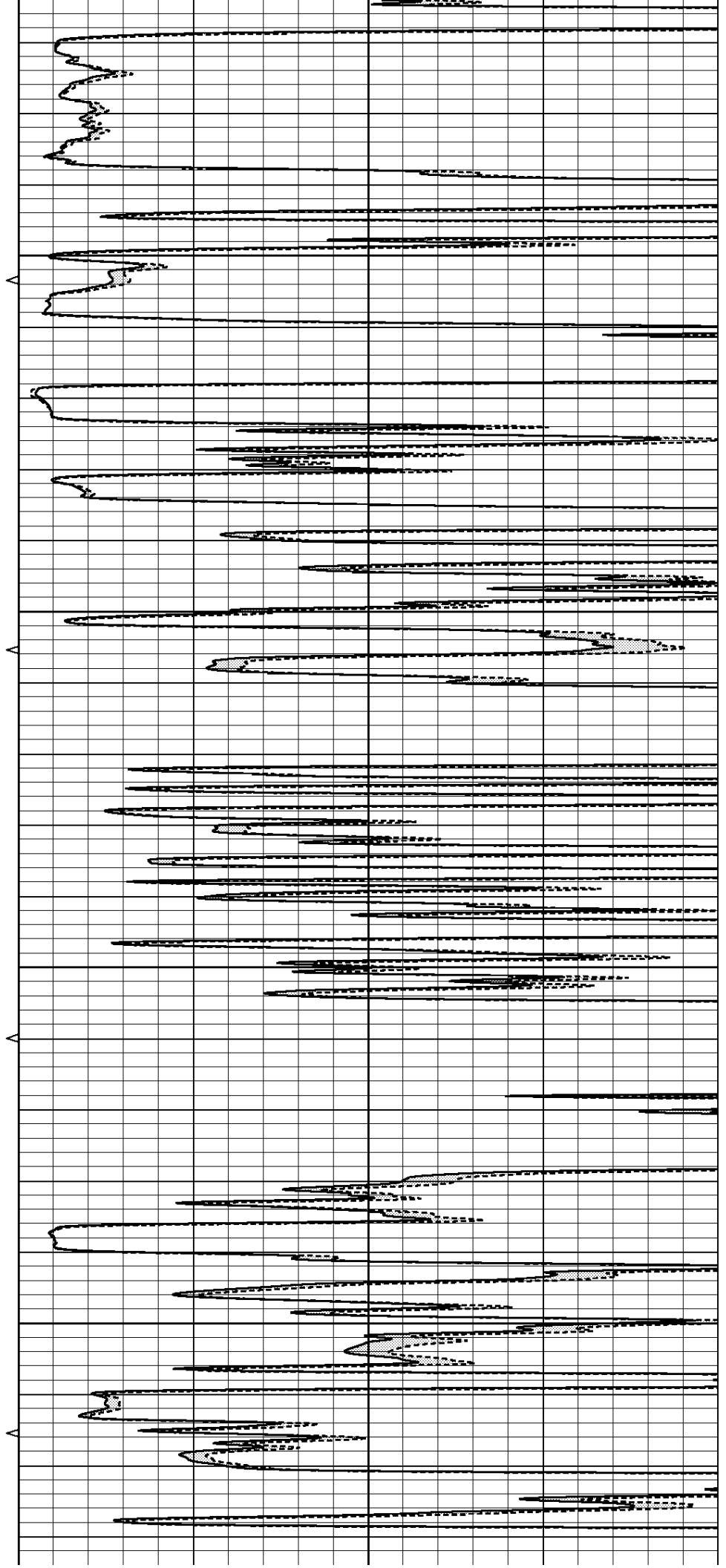


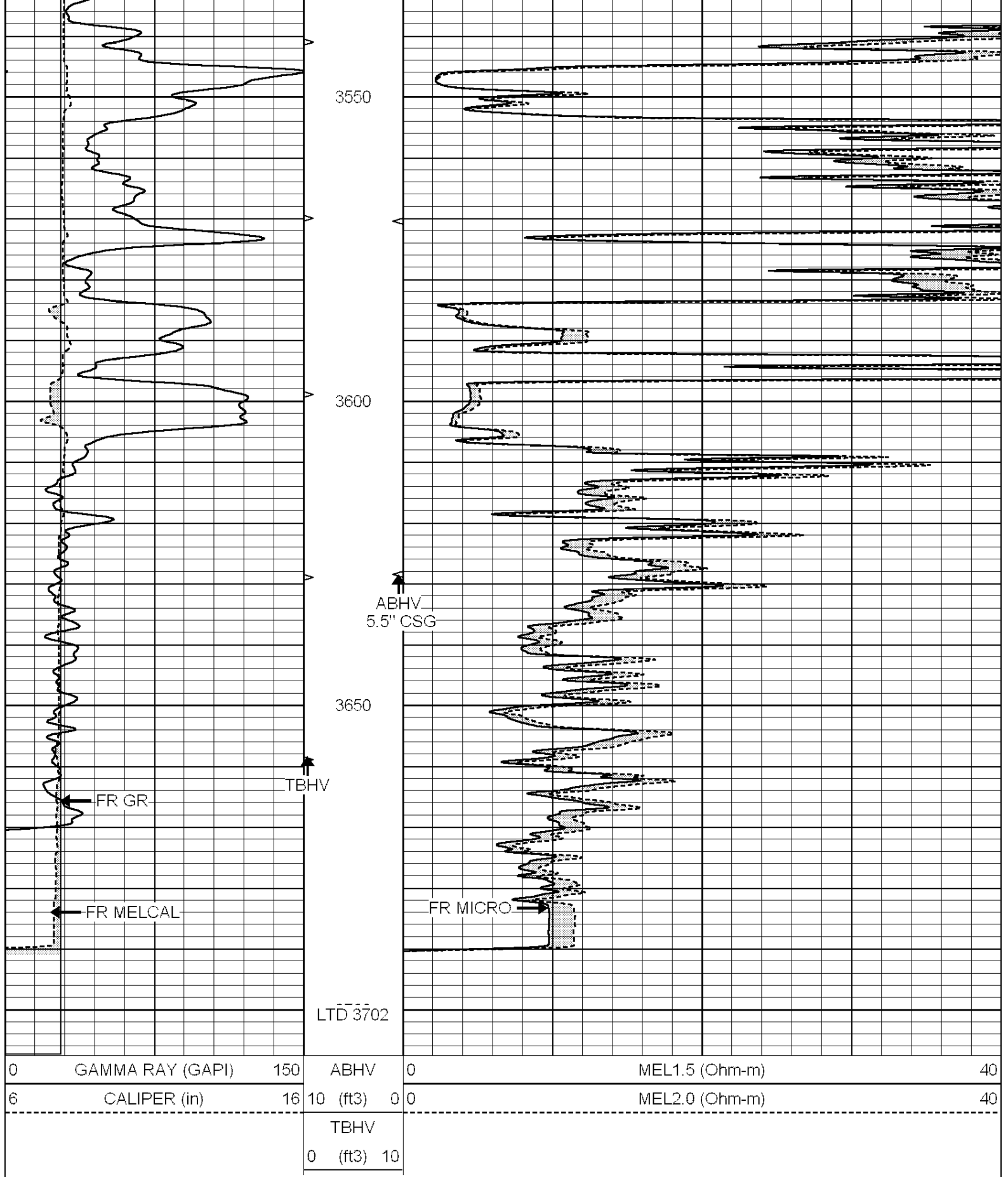
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3400

3450

3500



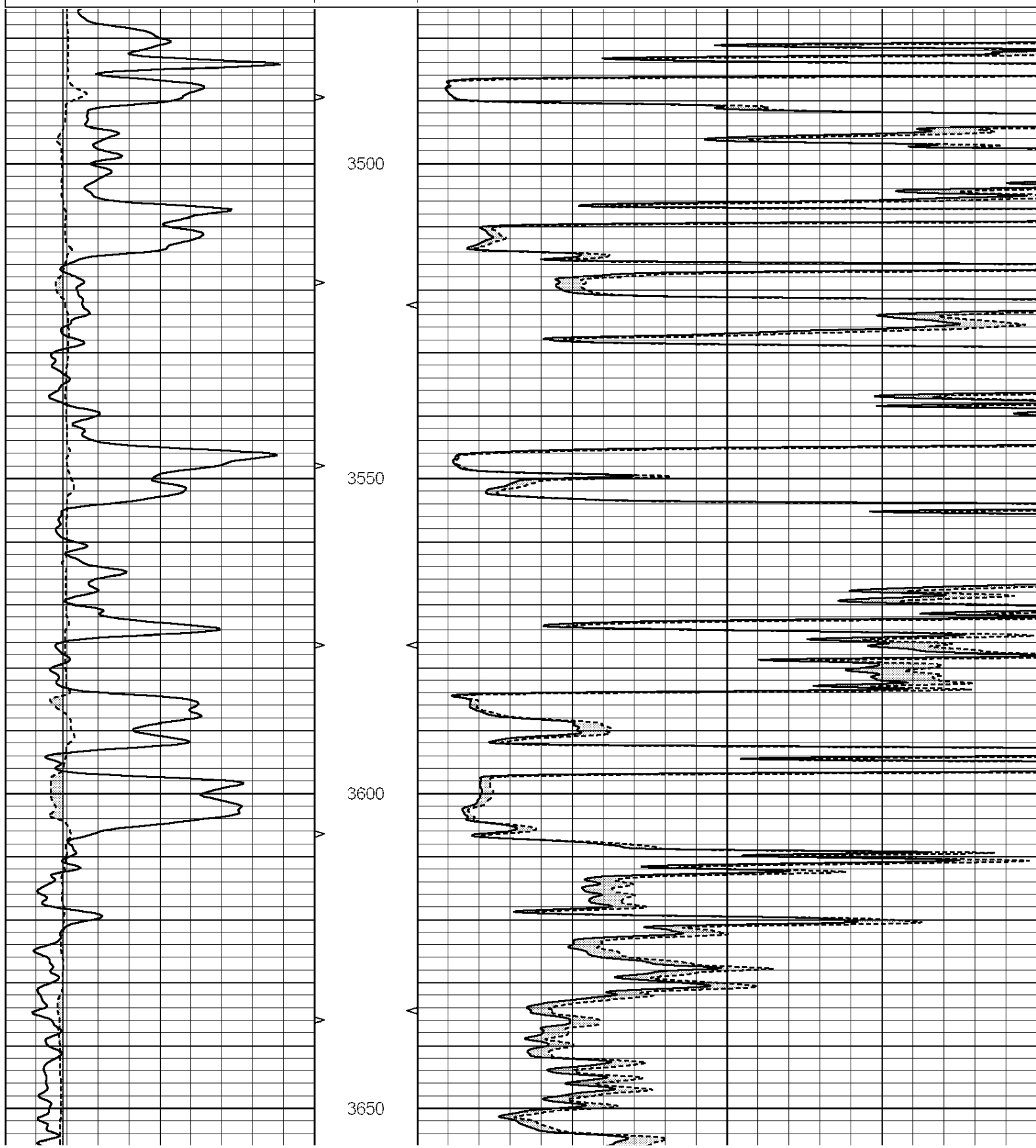


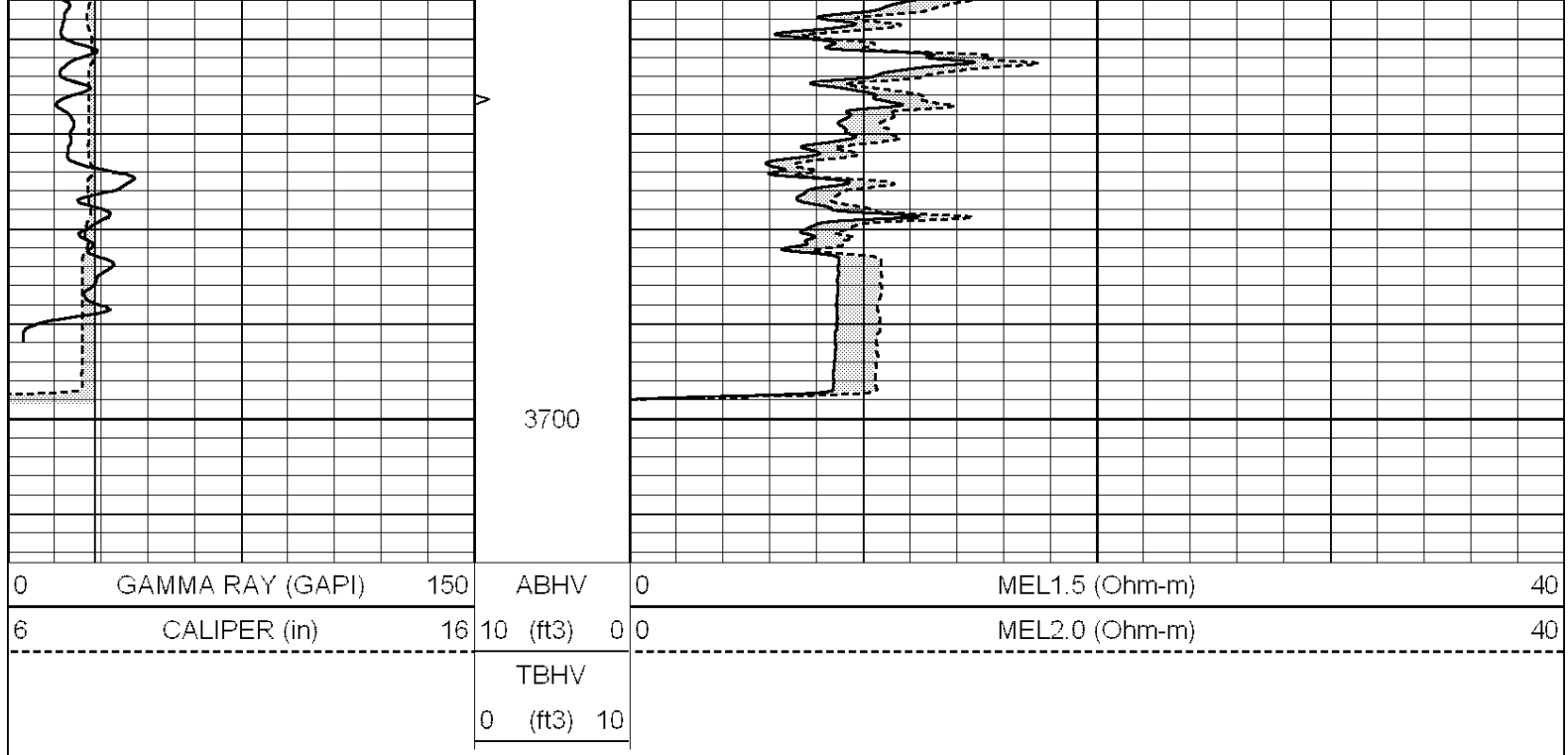
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REPEAT SECTION

Database File: 010948ddn.db
Dataset Pathname: pass8.2
Presentation Format: _micro
Dataset Creation: Wed Oct 23 09:54:17 2013 by Calc 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 0	MEL2.0 (Ohm-m)	40
			TBHV			
			0 (ft3)	10		





Calibration Report			
Database File:	010948ddn.db		
Dataset Pathname:	pass9.4		
Dataset Creation:	Wed Oct 23 09:48:44 2013		
MICRO Calibration Report			
Serial Number:	2		
Tool Model:	PROBE		
Performed:	Wed Sep 07 15:52:58 2011		
Caliper Calibration:	Gain=4.953	Offset=-0.885	
	Low Cal	High Cal	
References	14.000	22.000	
Readings	2.688	4.303	
1.5" Calibration:	Gain=35.000	Offset=-0.800	
	Low Cal	High Cal	
References	0.000	20.000	
Readings	0.015	0.458	
2" Calibration:	Gain=90.000	Offset=-2.000	
	Low Cal	High Cal	
References	0.000	20.000	
Readings	0.003	0.384	
Gamma Ray Calibration Report			
Serial Number:	GR6		
Tool Model:	OPEN		
Performed:	Thu Mar 10 03:46:42 2011		
Calibrator Value:	150.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	276.0	cps	
Sensitivity:	2.1035	GAPI/cps	