



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

Company STAAB OIL COMPANY Well GISELA NORTHEAST #1 Field WILDCAT County ROOKS State KANSAS		Location: API # : 15-163-24294-0000 570' FSL & 1105' FEL NW - SW - SE - SE SEC 3 TWP 8S RGE 18W Permanent Datum GROUND LEVEL Elevation 1925 Log Measured From KELLY BUSHING 5' A.G.L. Drilling Measured From KELLY BUSHING Other Services CDL/CNL DIL Elevation K.B. 1930 D.F. 1928 G.L. 1925	
Date	6/27/15		
Run Number	TWO		
Depth Driller	3445		
Depth Logger	3444		
Bottom Logged Interval	3442		
Top Log Interval	2700		
Casing Driller	8 5/8"@218'		
Casing Logger	218		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 2,500 PPM	
Density / Viscosity	9.0/48		
pH / Fluid Loss	11.0/8.0		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.950@88F		
Rmf @ Meas. Temp	.713@88F		
Rmc @ Meas. Temp	1.14@88F		
Source of Rmf / Rmc	MEASUREMENT		
Rim @ BHT	.753@111F		
Time Circulation Stopped	3.5 HOURS		
Time Logger on Bottom	10:00 A.M.		
Maximum Recorded Temperature	111F		
Equipment Number	4854		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	JANEL STAAB	FRANK STAAB	

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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" HAYS, KANSAS (785) 628-6395
 DIRECTIONS
 PLAINVILLE, KS., 8N. ON HWY 183 TO (WILKENS PLANT), 1W., 3/4N., E. INTO

Database File:

26625ddn.db

Dataset Pathname:

pass6.1

Presentation Format:

micro

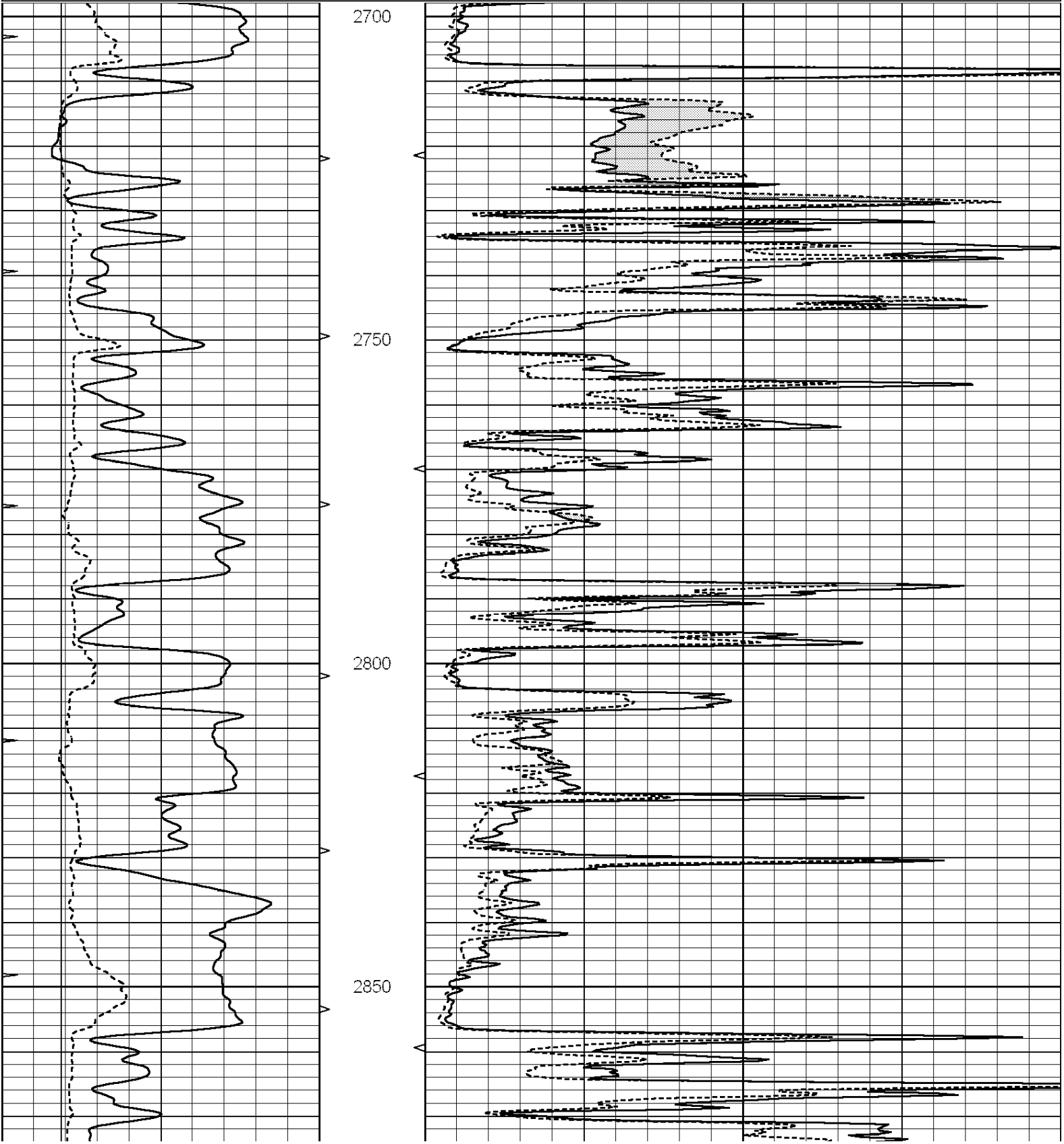
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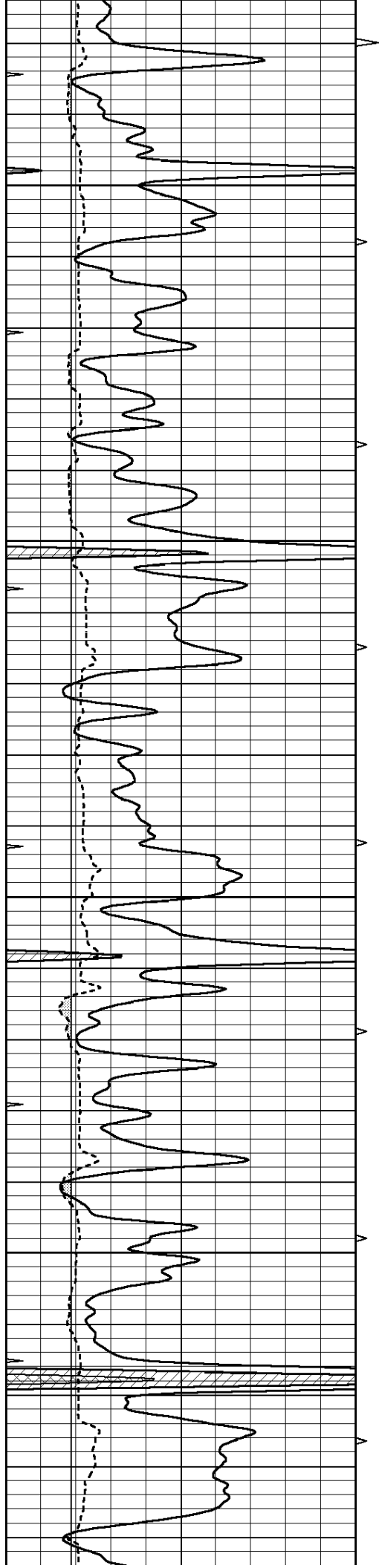
Sat Jun 27 12:29:25 2015 by Calc SOC 120430

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	MEL 20 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		



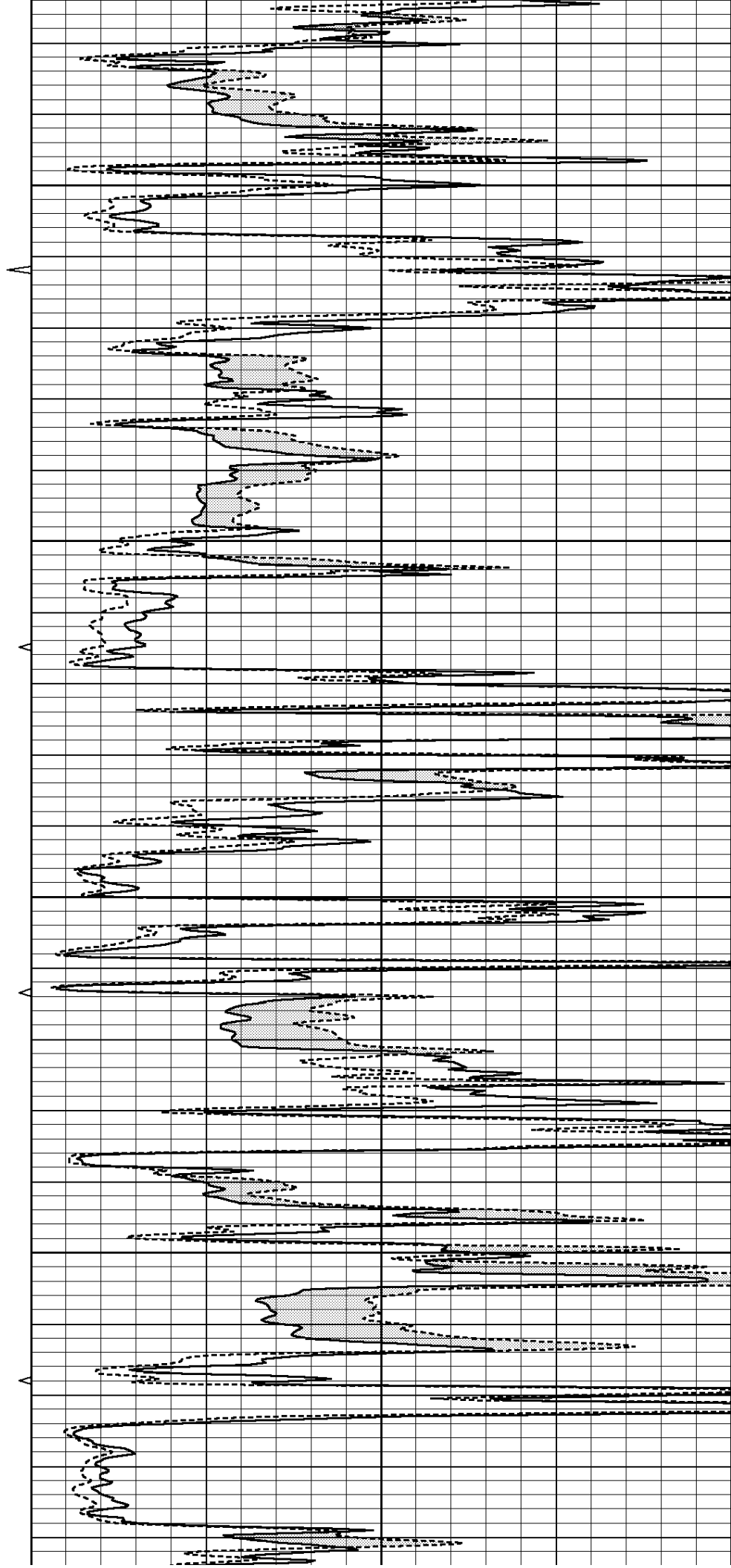


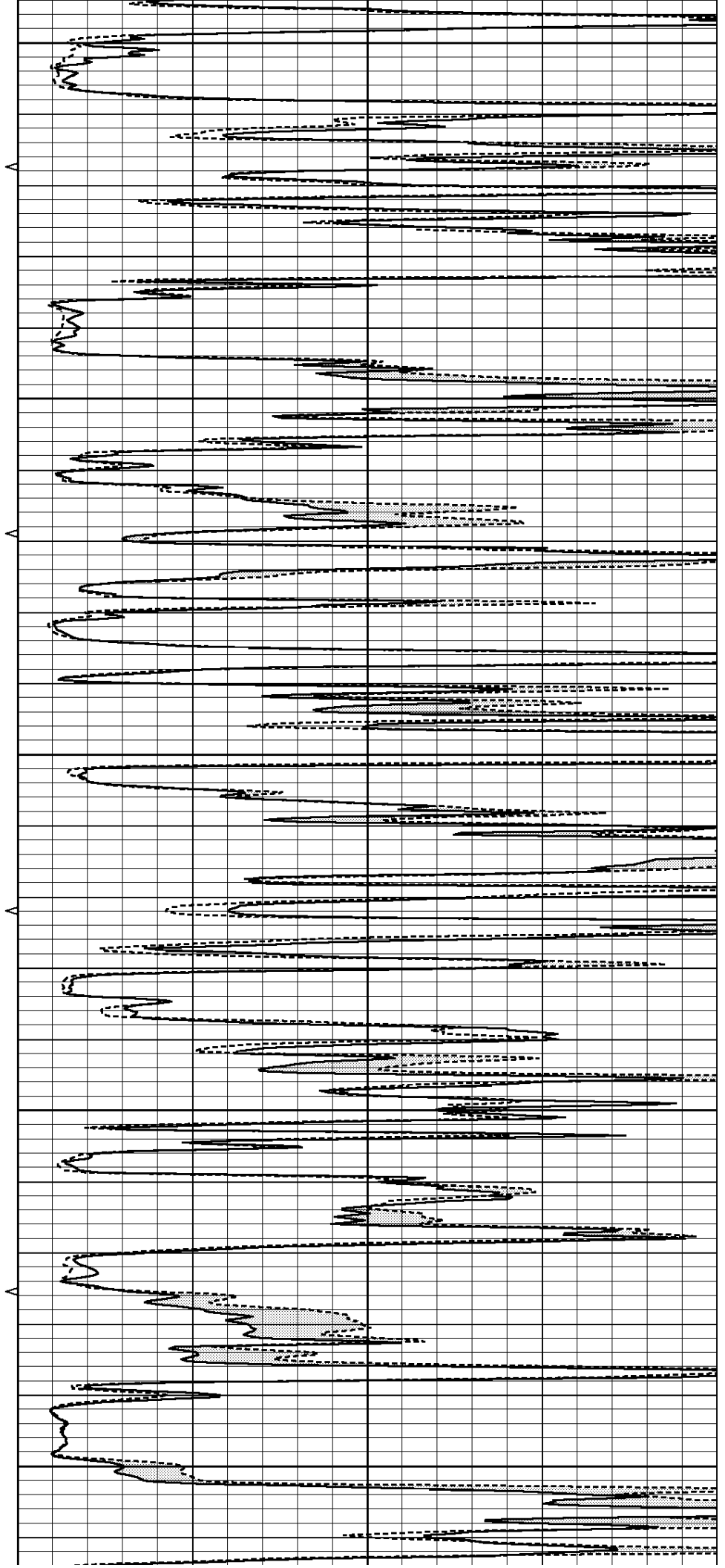
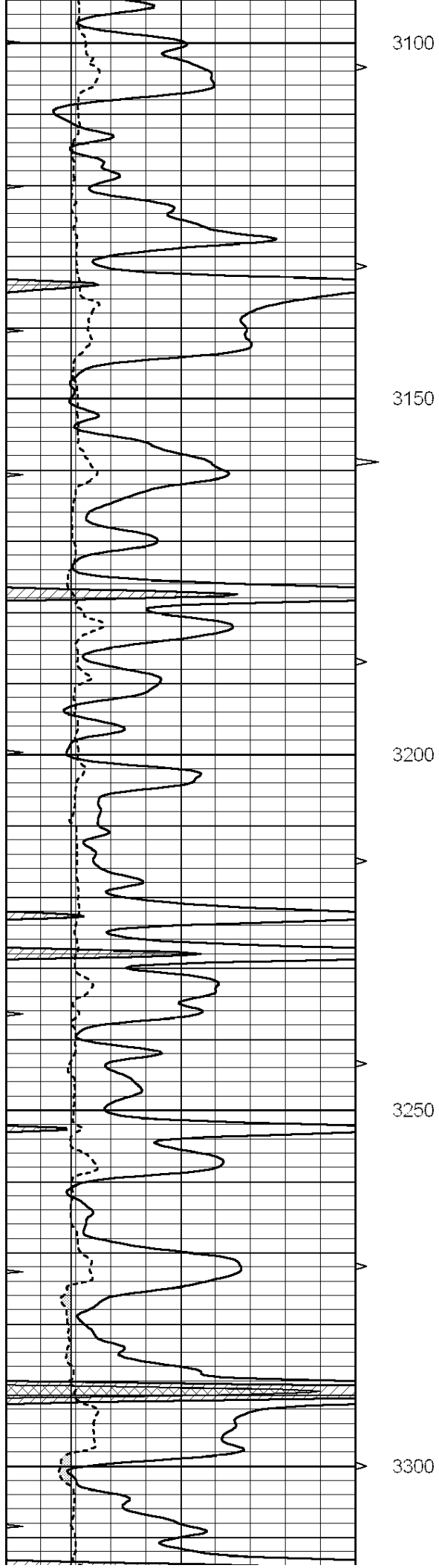
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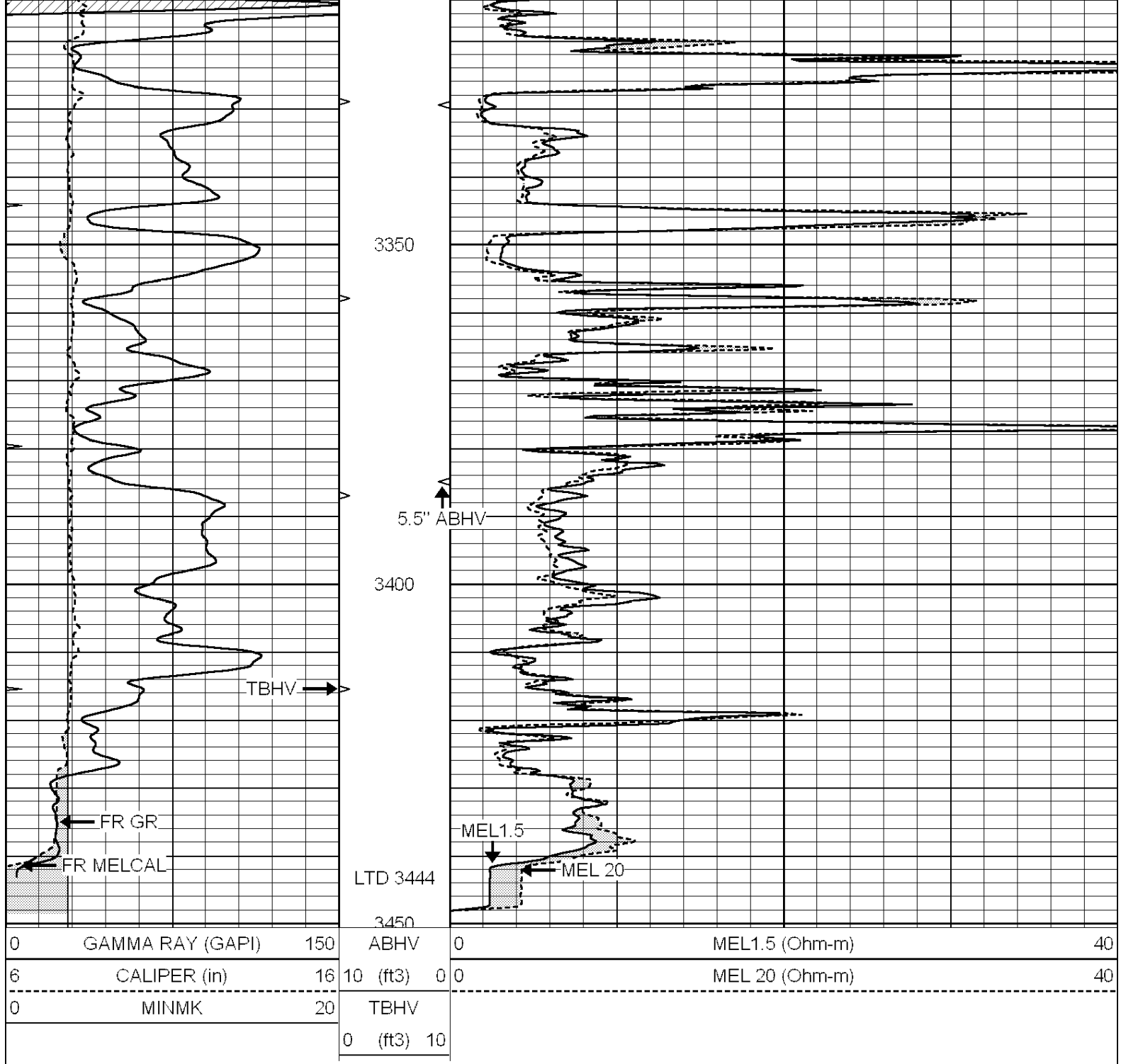
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3000

3050







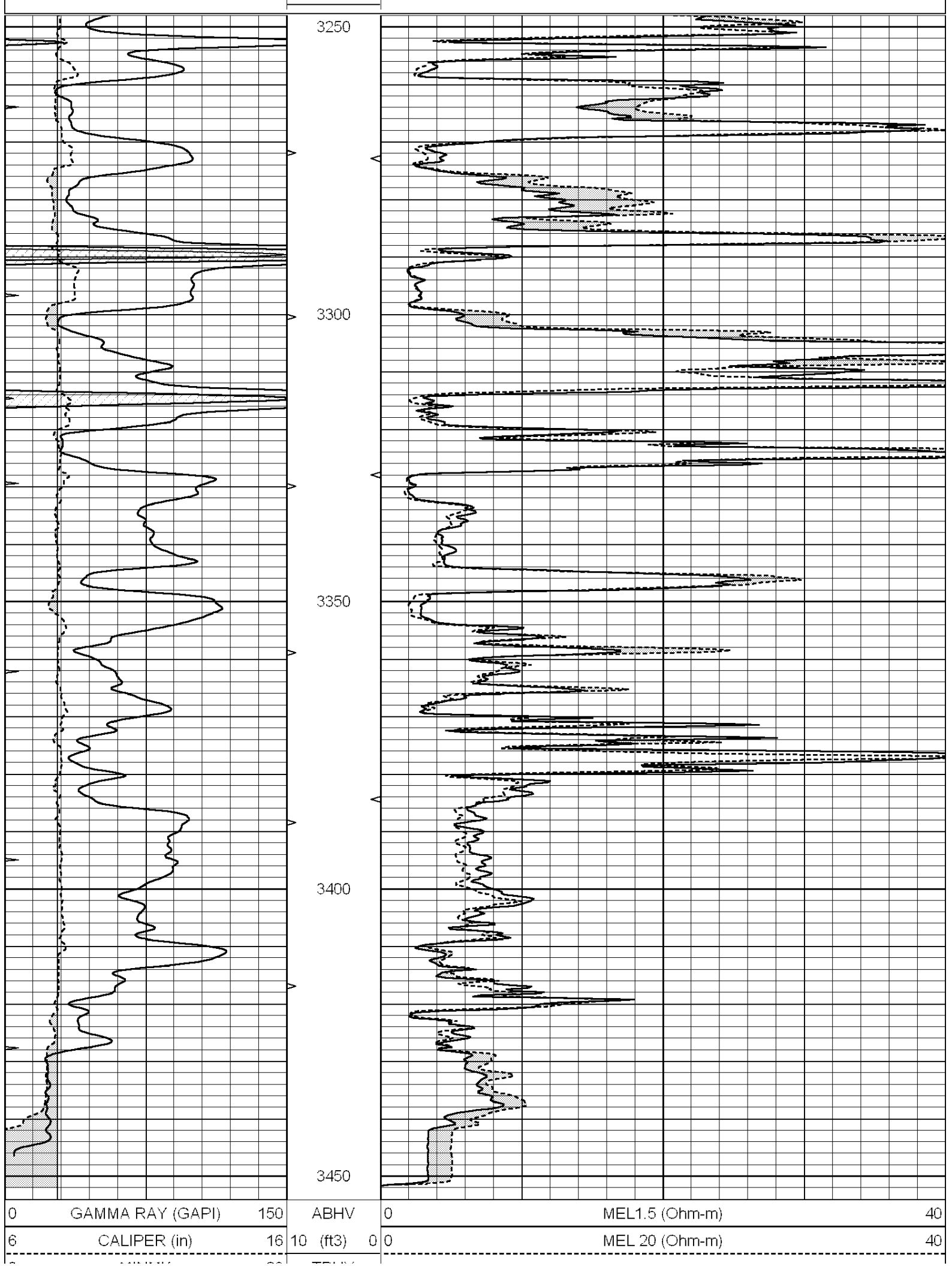
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REPEAT SECTION

Database File: 26625ddn.db
 Dataset Pathname: pass5.2
 Presentation Format: micro
 Dataset Creation: Sat Jun 27 12:19:32 2015 by Calc SOC 120430
 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	MEL 20 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		



0	MINMK	20	1BHV
		0	(ft3) 10

Calibration Report

Database File: 26625ddn.db
Dataset Pathname: pass6.1
Dataset Creation: Sat Jun 27 12:29:25 2015 by Calc SOC 120430

MICRO Calibration Report

Serial Number:	070910	
Tool Model:	ProbeN	
Performed:	Fri Jan 16 21:26:07 2015	
Caliper Calibration:	Gain=4.459	Offset=0.833
References	Low Cal	High Cal
Readings	7.400	15.000
	1.473	3.178
1.5" Calibration:	Gain=32.000	Offset=-0.500
References	Low Cal	High Cal
Readings	0.000	20.000
	0.000	1.216
2" Calibration:	Gain=40.000	Offset=-0.800
References	Low Cal	High Cal
Readings	0.000	20.000
	0.002	1.053

Gamma Ray Calibration Report

Serial Number:	070559	
Tool Model:	OPEN_GR	
Performed:	Wed Feb 11 20:05:19 2015	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.2000	GAPI/cps