



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

Company MAI OIL OPERATIONS, INC. Well WILBORN "A" #1 Field TRAPP County BARTON State KANSAS		Company MAI OIL OPERATIONS, INC. Well WILBORN "A" #1 Field TRAPP County BARTON State KANSAS	
Location: API # : 15-009-26107-0000 715' FNL & 440' FWL NE - SW - NW - NW SEC 28 TWP 16S RGE 13WQ		Other Services CDL/CNL DIL	
Permanent Datum GROUND LEVEL Log Measured From KELLY BUSHING 8' A.G.L. Drilling Measured From KELLY BUSHING		Elevation K.B. 1961 D.F. 1959 G.L. 1953	
Date	7/13/15		
Run Number	TWO		
Depth Driller	3475		
Depth Logger	3475		
Bottom Logged Interval	3473		
Top Log Interval	2700		
Casing Driller	8 5/8"@514'		
Casing Logger	514		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 8,200 PPM	
Density / Viscosity	9.0/46		
pH / Fluid Loss	8.0/8.8		
Source of Sample	FLOWLINE		
Rin @ Meas. Temp	.500@100F		
Rinf @ Meas. Temp	.375@100F		
Rinc @ Meas. Temp	.600@100F		
Source of Rinf / Rinc	MEASUREMENT		
Rin @ BHT	.450@111F		
Time Circulation Stopped	3.5 HOURS		
Time Logger on Bottom	4:00 P.M.		
Maximum Recorded Temperature	111F		
Equipment Number	4854		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	JIM MUSGROVE		

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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
 SUSANK, KS., S. TO INTERSECTION, E. ACROSS BLKTOP, S. INTO

Database File:

26627ddn.db

Dataset Pathname:

pass6.2

Presentation Format:

micro

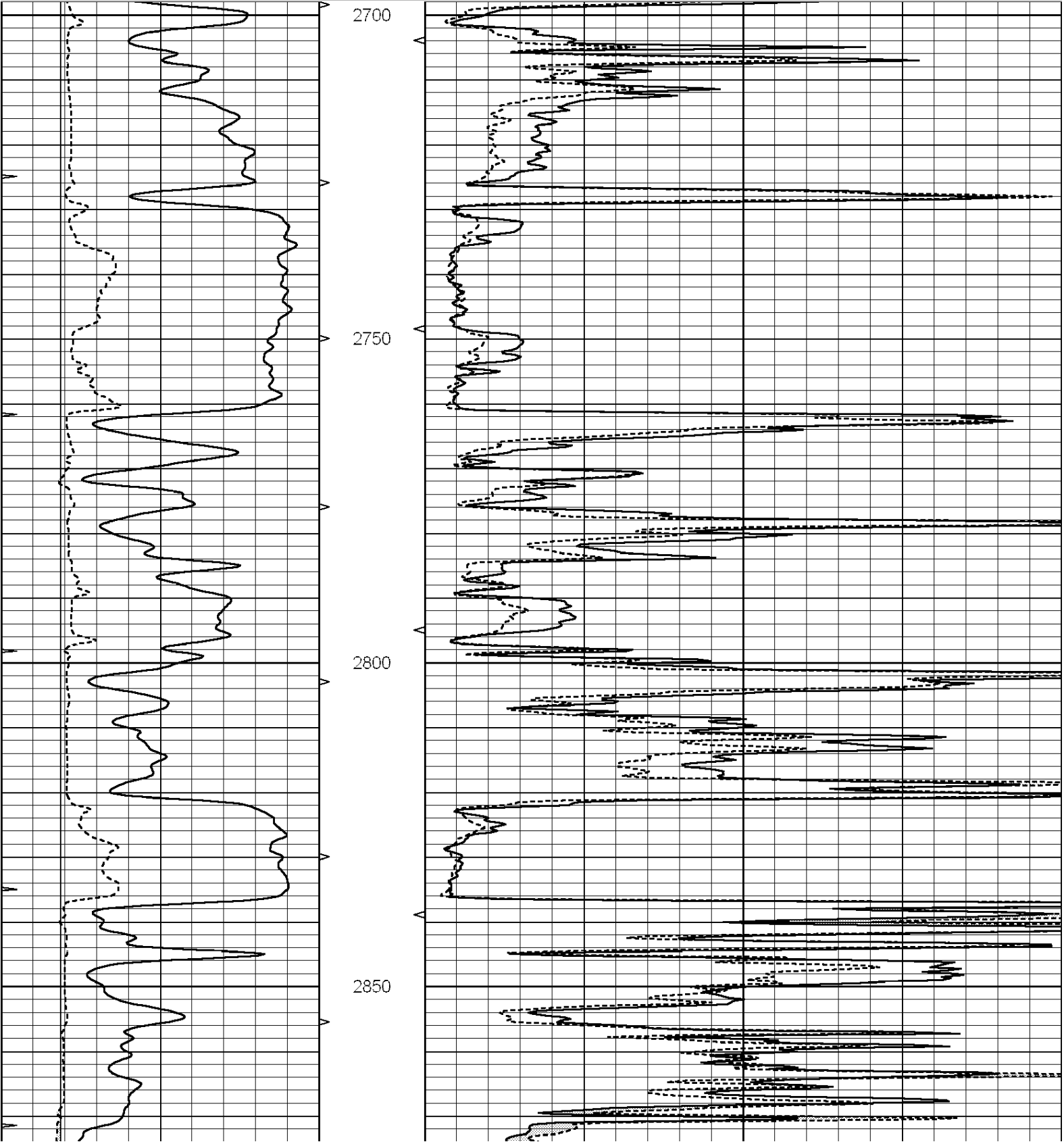
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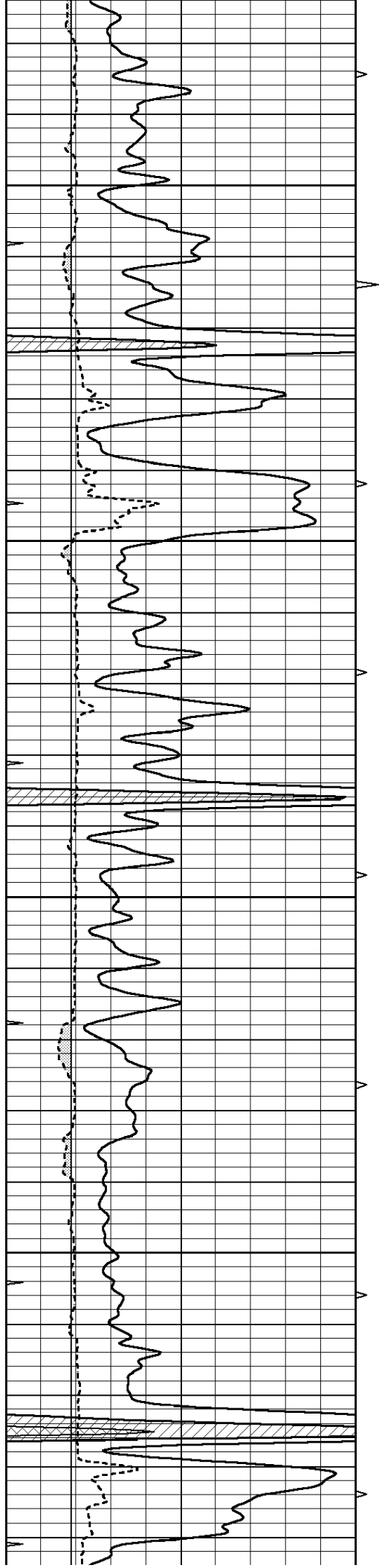
Mon Jul 13 18:26:11 2015 by Calc SOC 120430

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		



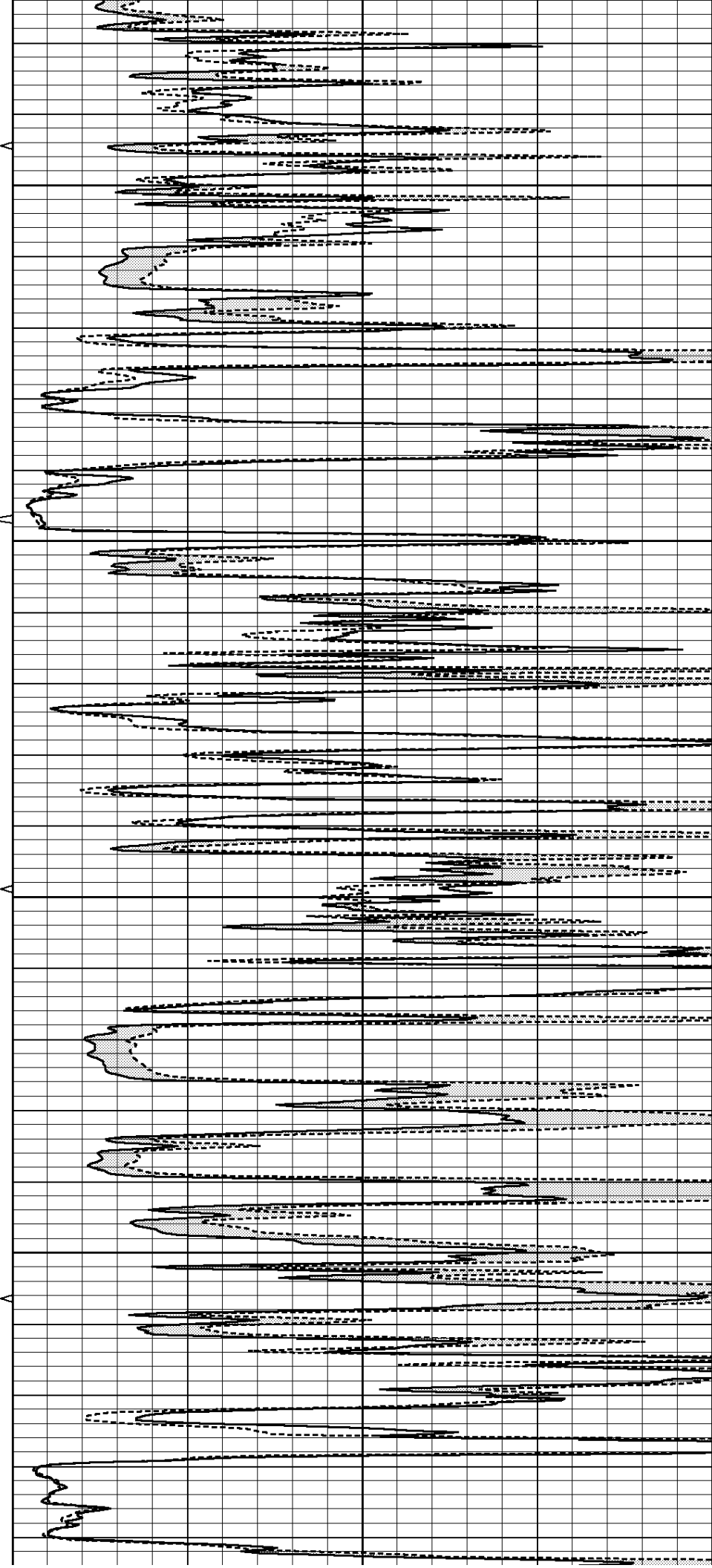


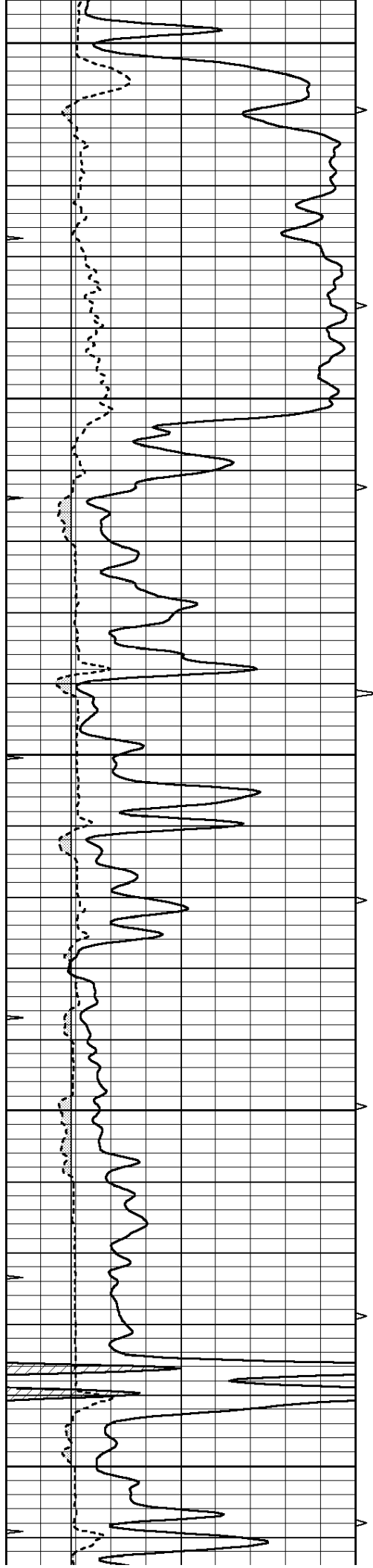
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2950

3000

3050





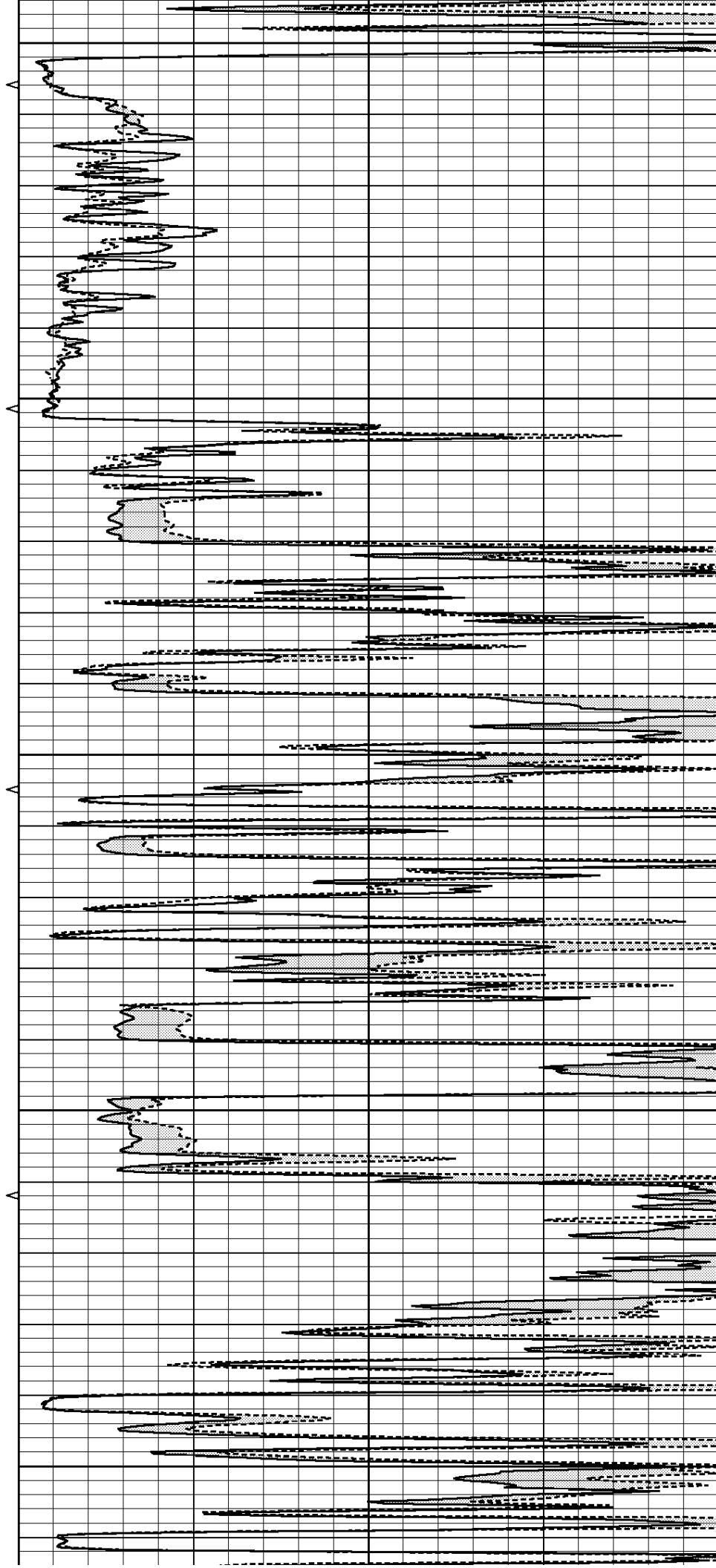
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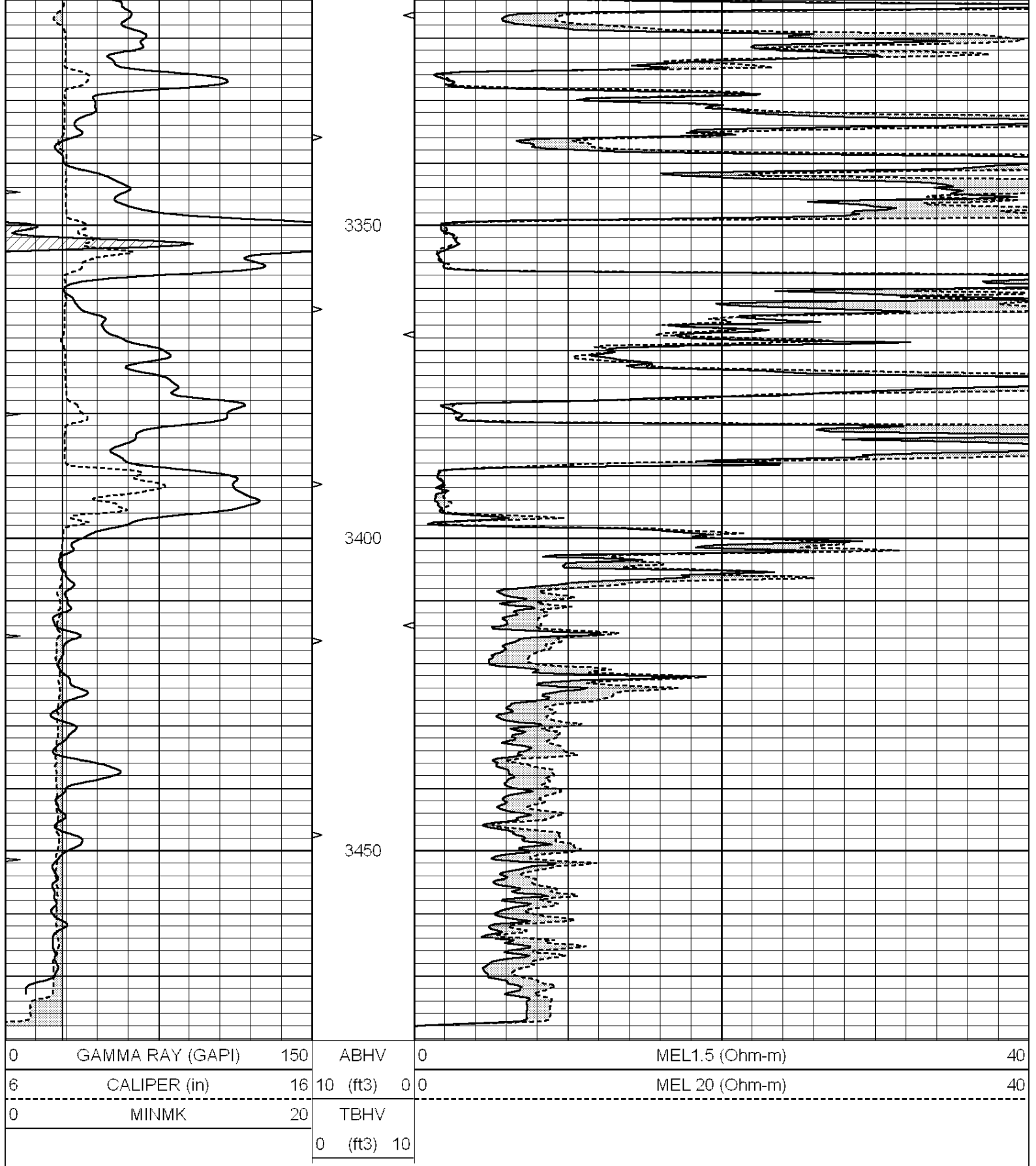
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3300



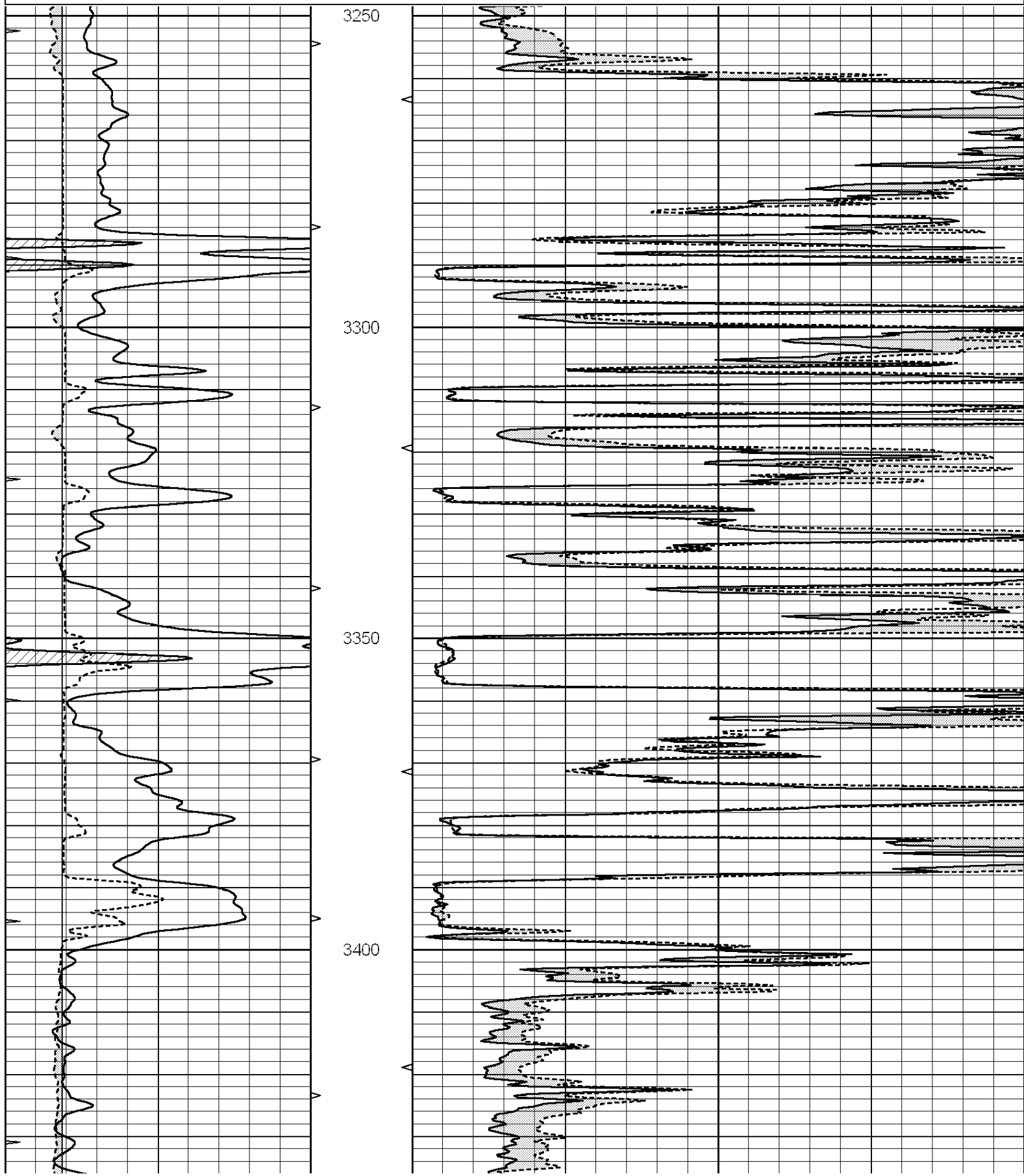


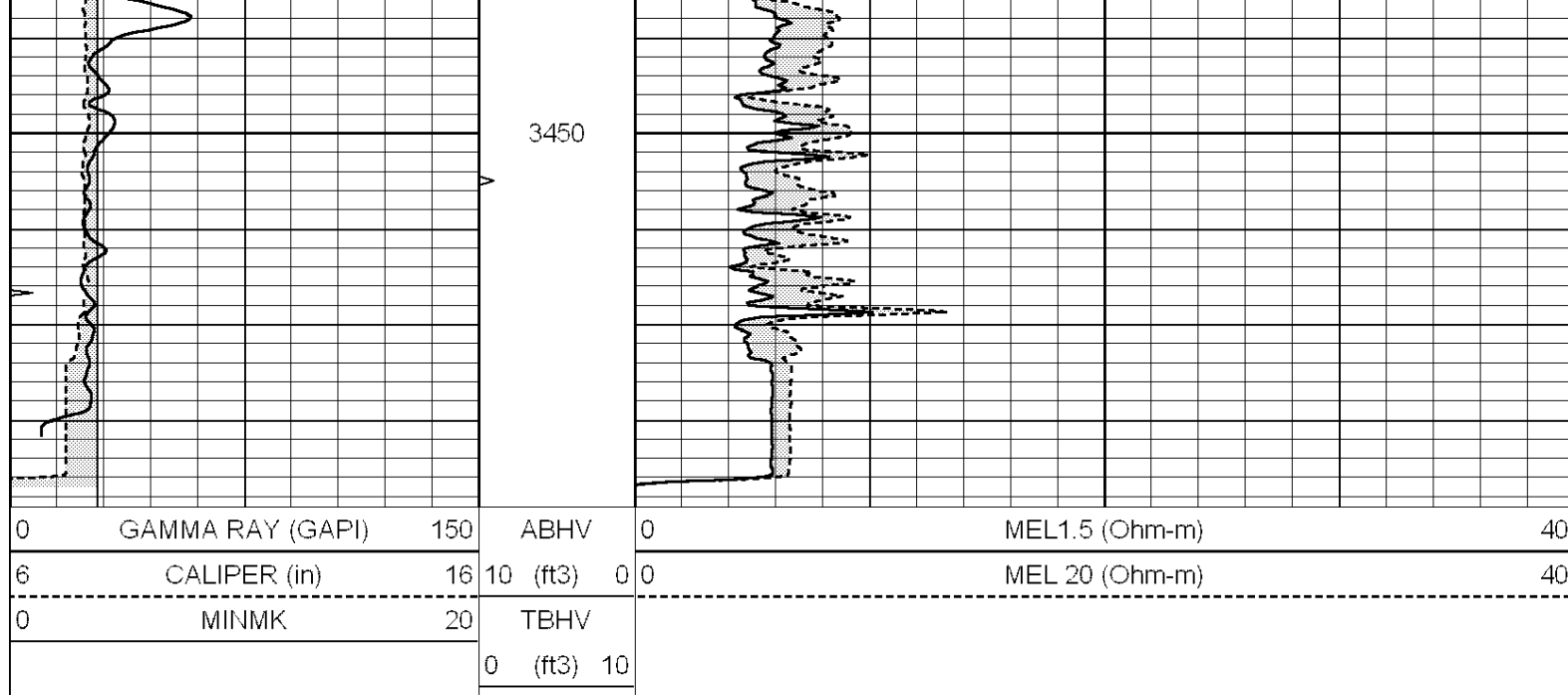
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REPEAT SECTION

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3) 0 0	0	MEL 20 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3) 10			





Calibration Report			
Database File:	26627ddn.db		
Dataset Pathname:	pass6.2		
Dataset Creation:	Mon Jul 13 18:26:11 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=34.000	Offset=-0.200	
References	Low Cal	High Cal	
Readings	0.000	20.000	
	0.000	1.216	
2" Calibration:	Gain=42.000	Offset=-0.500	
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:	Mon Jul 13 18:15:03 2015		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	1.0	cps	
Sensitivity:	0.2200	GAPI/cps	