



SUPERIOR
Hays,
Kansas

MICRO LOG

Company	DANE G. HANSEN	Company	DANE G. HANSEN
Well	EICHMAN #17	Well	EICHMAN #17
Field	MOREL	Field	MOREL
County	GRAHAM	County	GRAHAM
State	KANSAS	State	KANSAS
Location:	API # : 15-065-23837-0000 330' FNL & 330' FWL	Other Services	RAG/SON
SEC 13	TWP 9S	RGE 21W	
Permanent Datum	GROUND LEVEL	Elevation	2165
Log Measured From	KELLY BUSHING & A.G.L.	K.B. 2173	
Drilling Measured From	KELLY BUSHING	D.F. 2171	
		G.L. 2165	
Date	9/2/12		
Run Number	TWO		
Depth Driller	3790		
Depth Logger	3790		
Bottom Logged Interval	3772		
Top Log Interval	2900		
Casing Driller	8 5/8" @ 263		
Casing Logger	261		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 2000 PPM	
Density / Viscosity	8.9/60		
pH / Fluid Loss	10.5/8.0		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.75 @ 98F		
Rmf @ Meas. Temp	.56 @ 98F		
Rmc @ Meas. Temp	.90 @ 98F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.64 @ 114F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	114F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	JEFF LAWLER		

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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 (785) 628-6395
DIRECTIONS
PALCO, KS. - N. TO BALLFIELD - 3 W. - 3/4 N. - E. INTO.

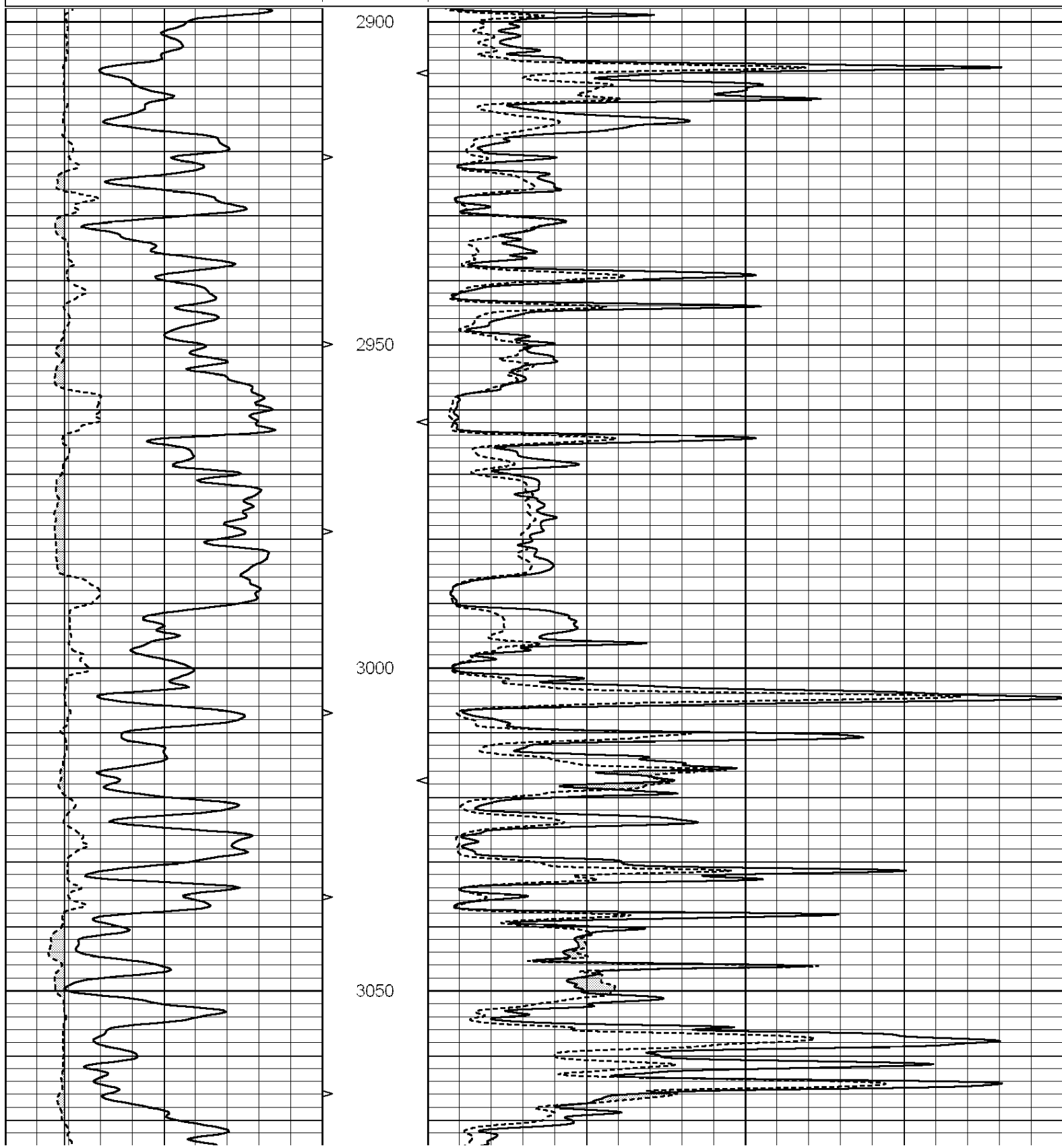


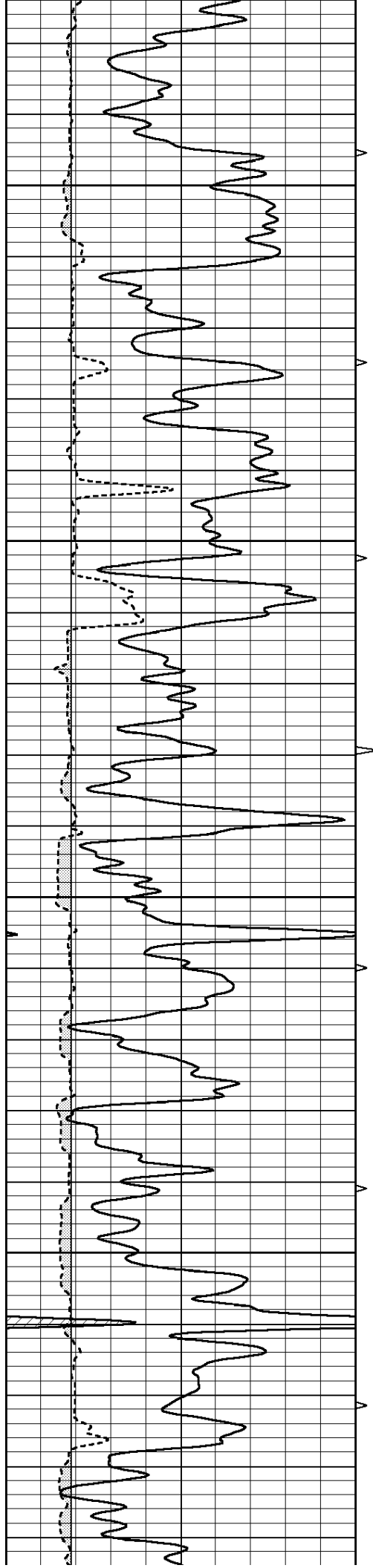
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MAIN SECTION

Database File: 009594rag.db
 Dataset Pathname: pass6.1
 Presentation Format: _micro
 Dataset Creation: Sun Sep 02 19:22:52 2012 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		



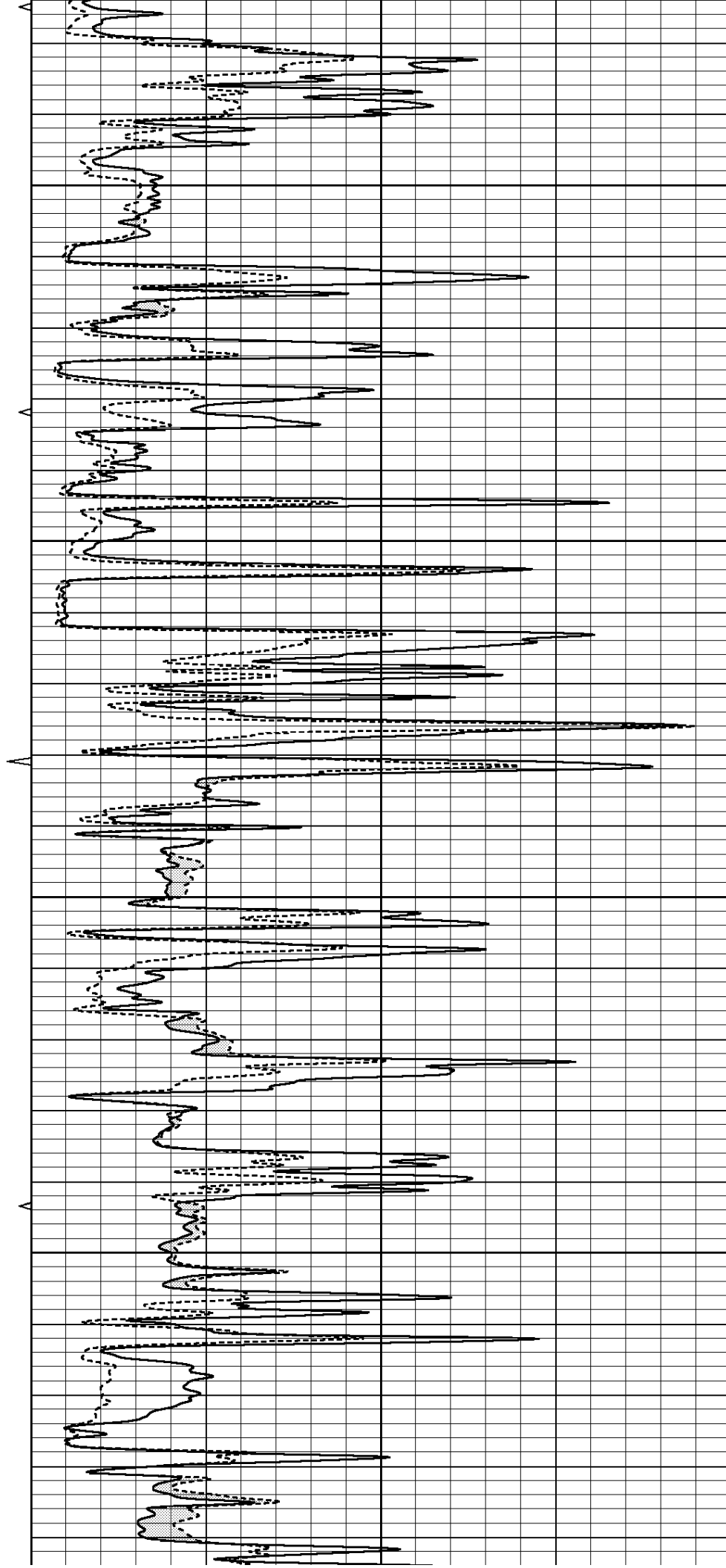


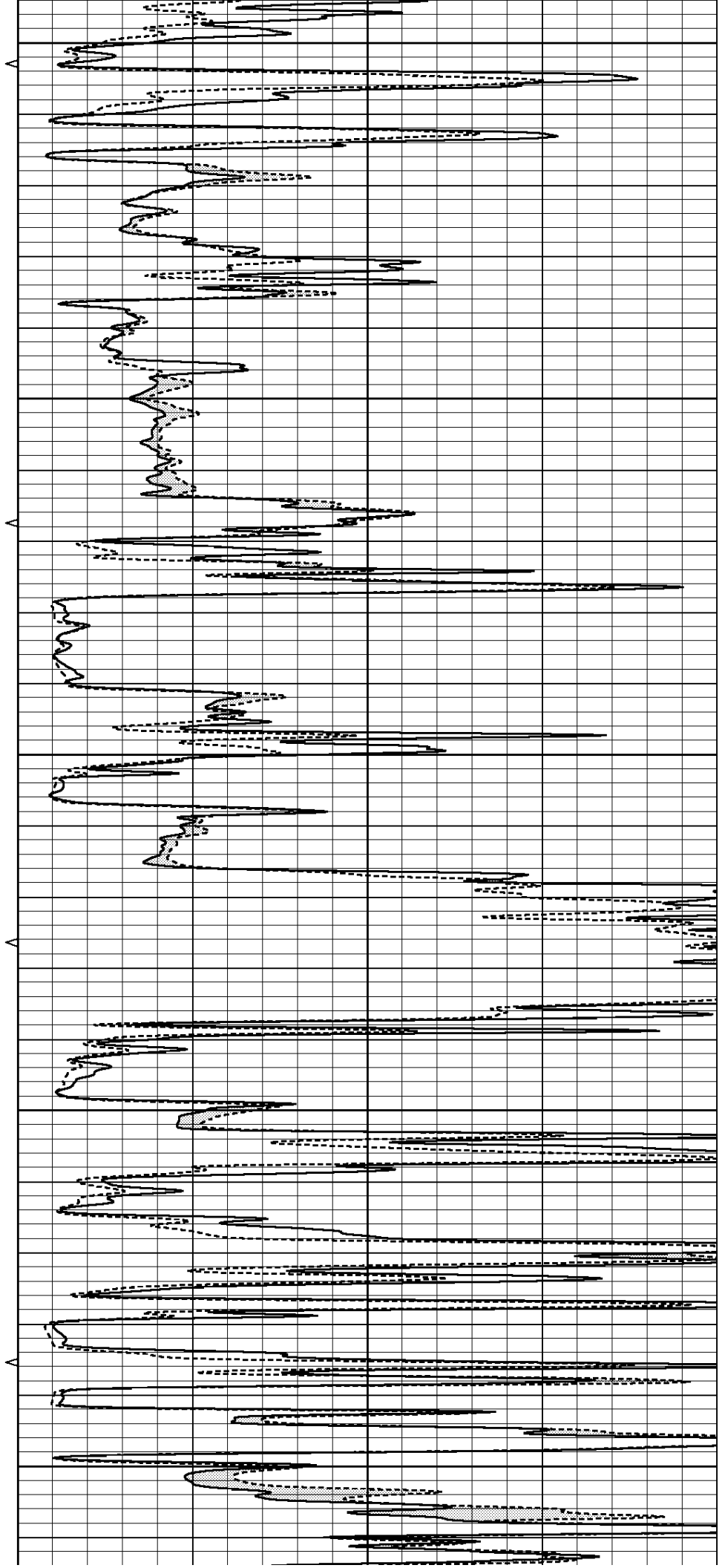
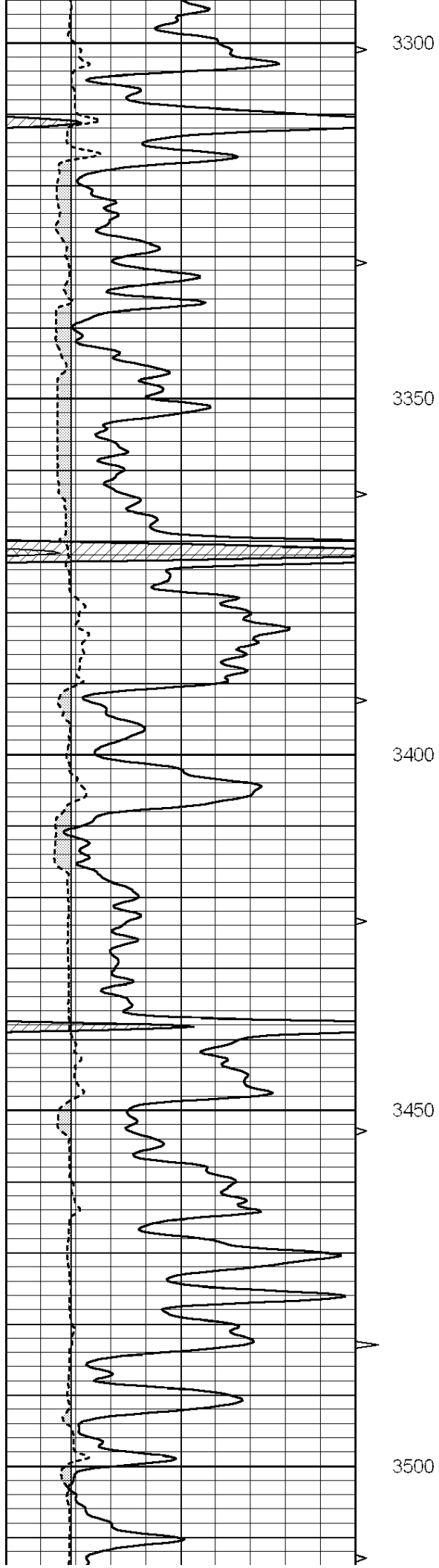
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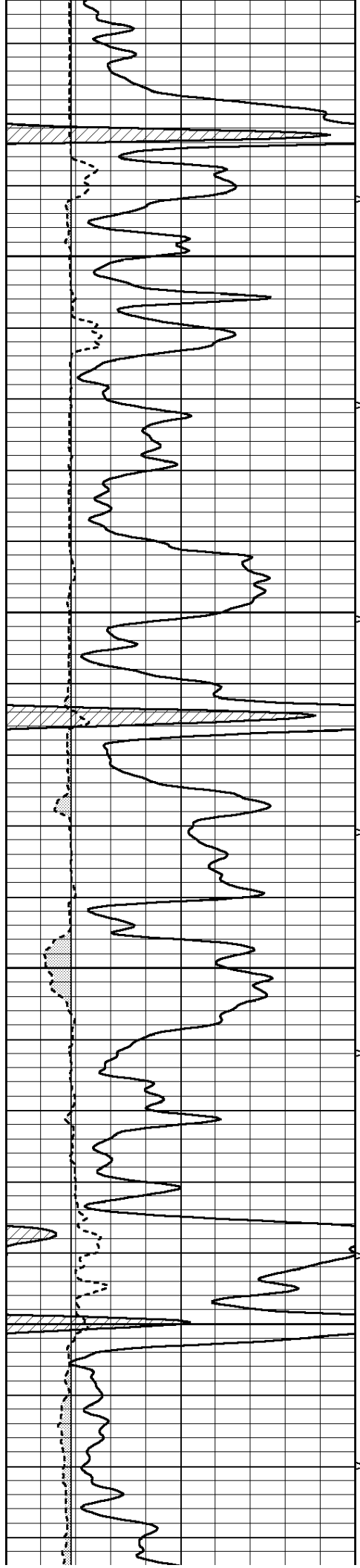
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3200

3250







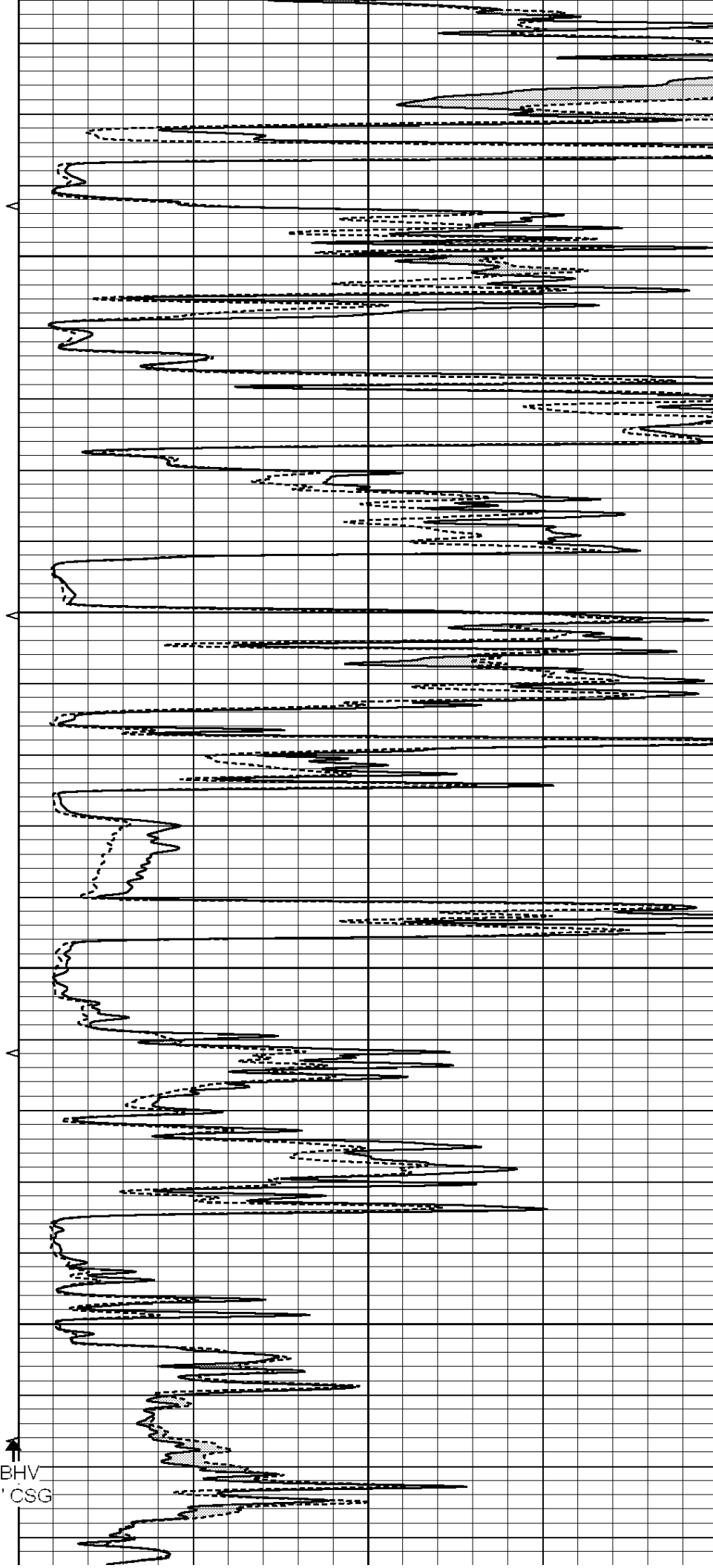
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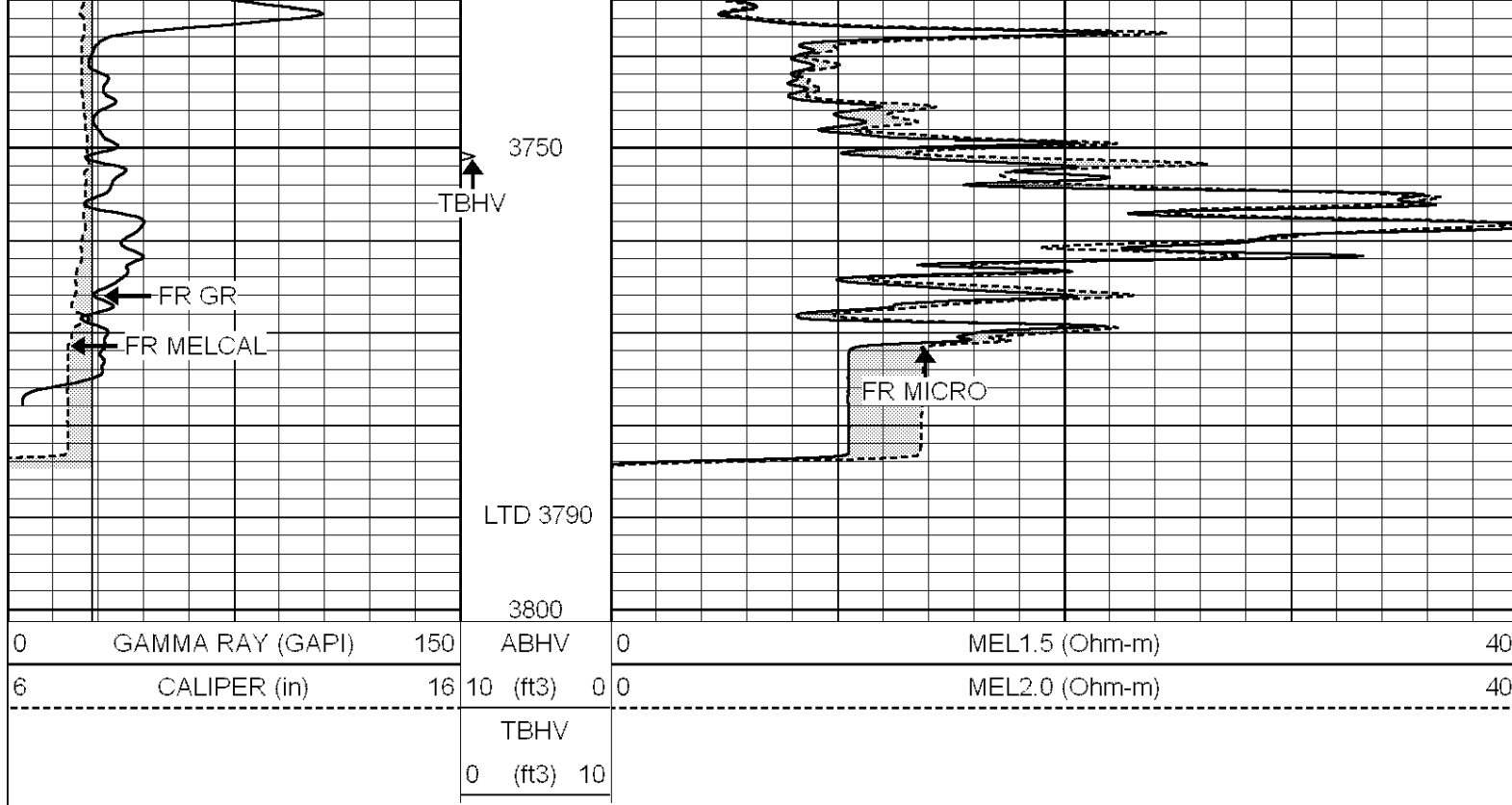
3600

3650

3700

ABHV
5.5" CSG



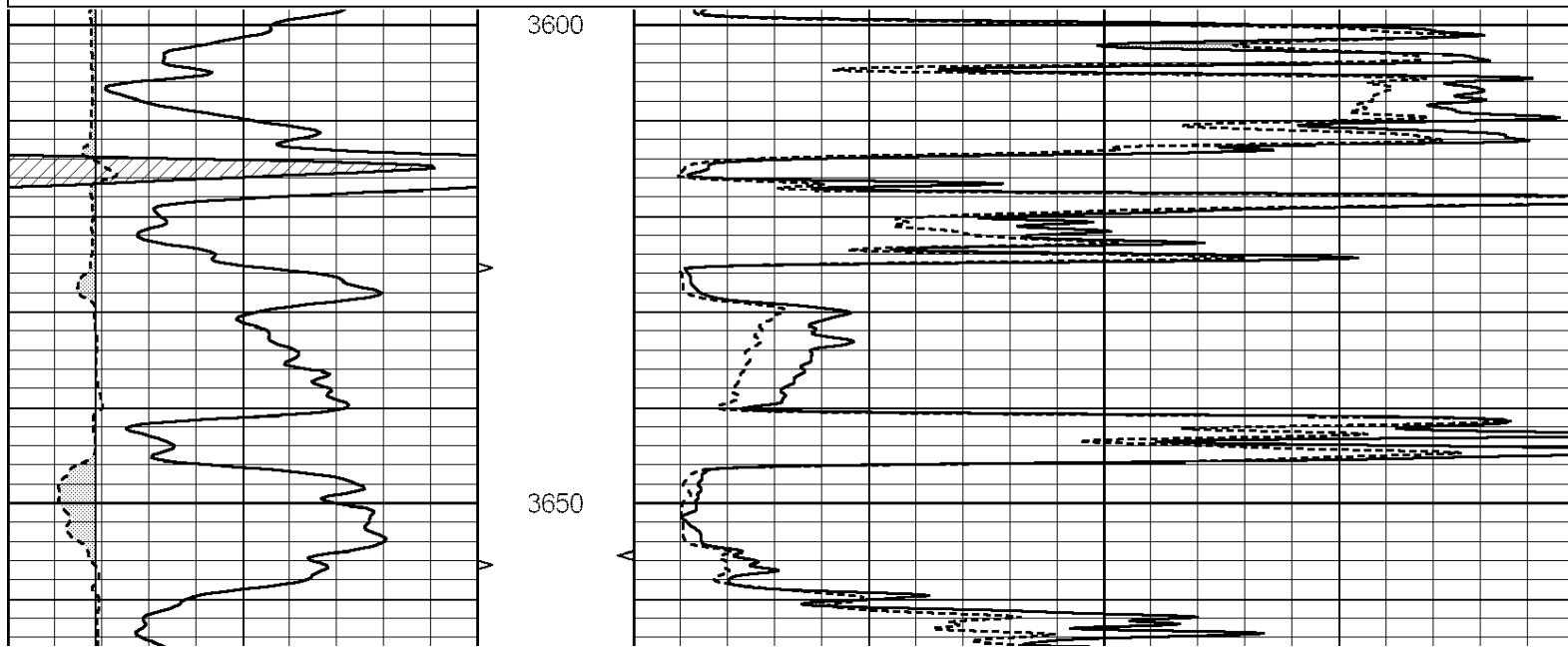


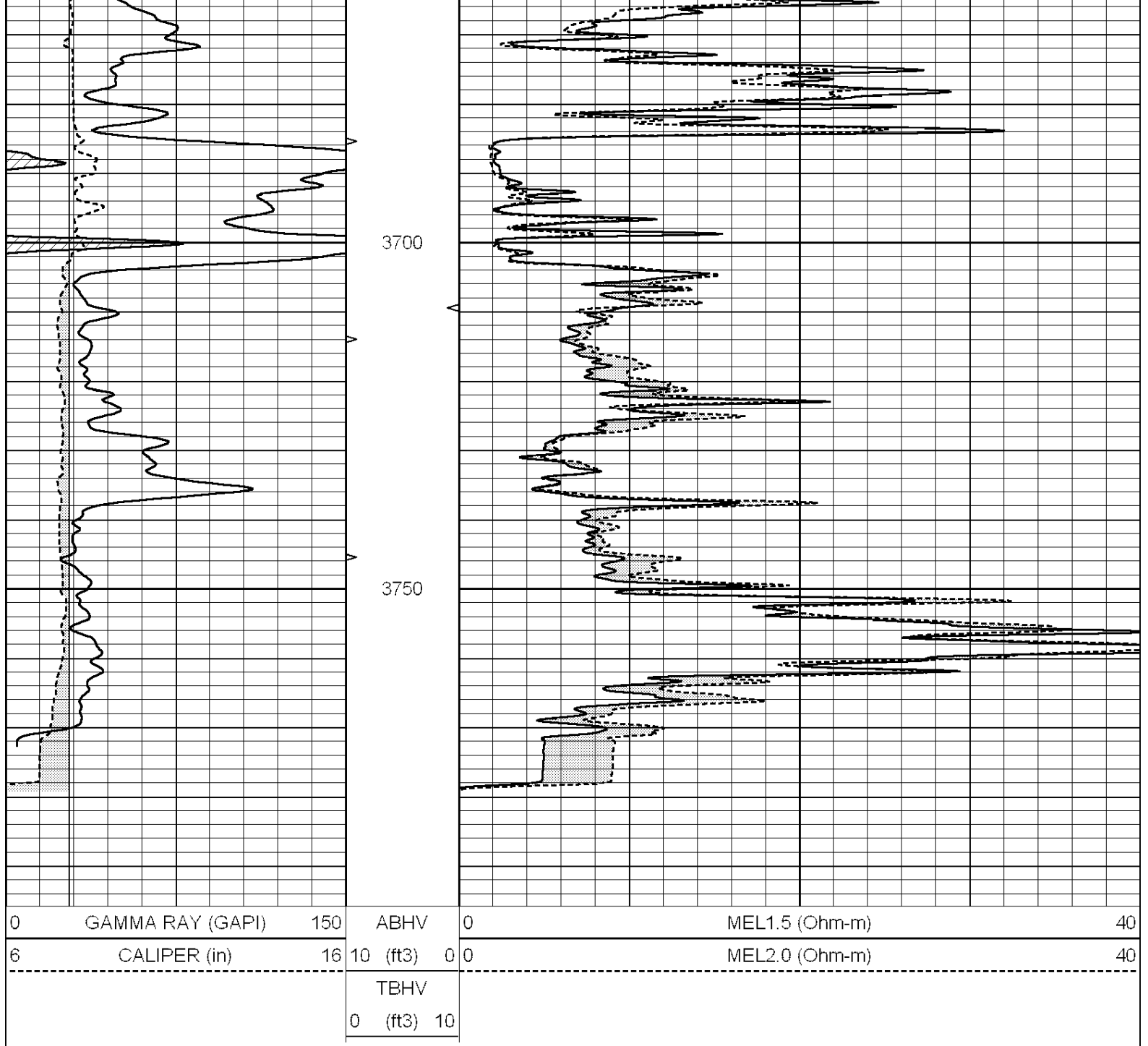
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REPEAT SECTION

Database File: 009594rag.db
 Dataset Pathname: pass5.1
 Presentation Format: _micro
 Dataset Creation: Sun Sep 02 19:25:17 2012 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	MEL2.0 (Ohm-m)	40
			TBHV			
			0 (ft3)	10		





Calibration Report			
Database File:	009594rag.db		
Dataset Pathname:	pass5.1		
Dataset Creation:	Sun Sep 02 19:25:17 2012 by Calc Open-Cased 090629		
MICRO Calibration Report			
Serial Number:	MICRO6		
Tool Model:	PROBE		
Performed:	Thu Aug 16 14:43:41 2012		
Caliper Calibration:	Gain=6.253	Offset=-1.608	
	Low Cal	High Cal	
References	5.800	13.000	
Readings	1.178	2.330	
1.5" Calibration:	Gain=30.075	Offset=-0.200	
	Low Cal	High Cal	

References	Low Cal	High Cal
Readings	0.000	20.000
	0.004	1.196
2" Calibration:	Gain=30.041	Offset=0.000
	Low Cal	High Cal
References	0.000	20.000
Readings	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