



**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

Company	SHELBY RESOURCES, LLC.	Company	SHELBY RESOURCES, LLC.
Well	PENNEY #1-16	Well	PENNEY #1-16
Field		Field	
County	BARTON	County	BARTON
State	KANSAS	State	KANSAS
Location:	API # : 15-009-25758 2015' FSL & 2225' FWL	Other Services CDL/CNL DIL/SONIC	
Permanent Datum Log Measured From Drilling Measured From	GROUND LEVEL KELLY BUSHING 9.5' A.G.L. KELLY BUSHING	Elevation K.B. 1883.5 D.F. G.L. 1874	
SEC 16 TWP 19S RGE 12W			
Date	10-7-12		
Run Number	TWO		
Depth Driller	3570		
Depth Logger	3570		
Bottom Logged Interval	3553		
Top Log Interval	2620	1500 - 1850	
Casing Driller	740		
Casing Logger	738		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.0 / 46		
pH / Fluid Loss	10.5 / 6.4		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.85 @ 60F		
Rmf @ Meas. Temp	0.64 @ 60F		
Rmc @ Meas. Temp	1.02 @ 60F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	.460 @ 111F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	8:00 A.M.		
Maximum Recorded Temperature	111F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	CHARLIE STURDAVANT		

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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

NABORS PRODUCTION & COMPLETION CO.
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: HOISINGTON S TO BARTON COMMUNITY COLLEGE BLACKTOP, E TO K#156, 100'E TO N.E.
60TH, 1S TO N.E. 20TH, 1/2E, N INTO.



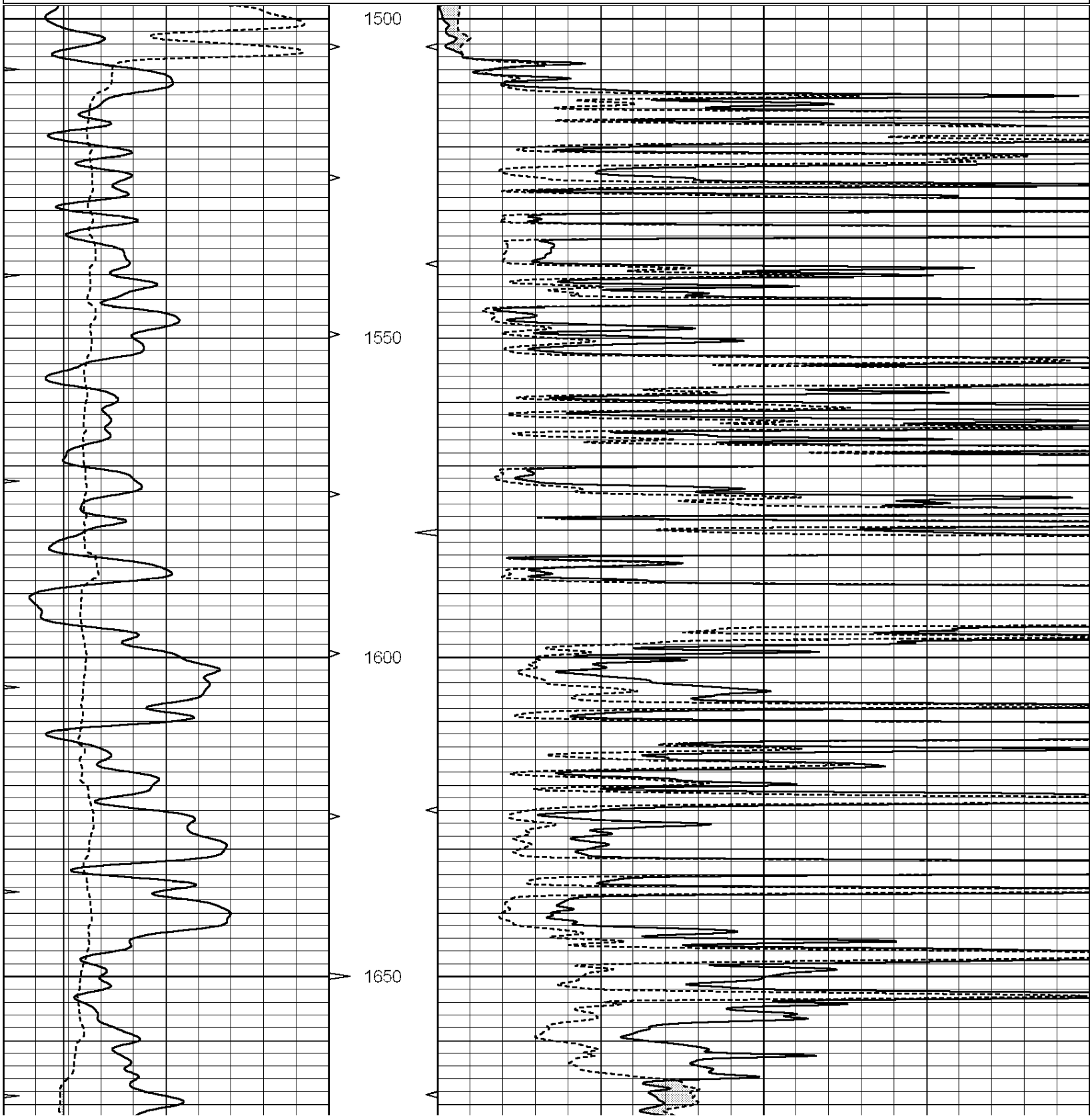
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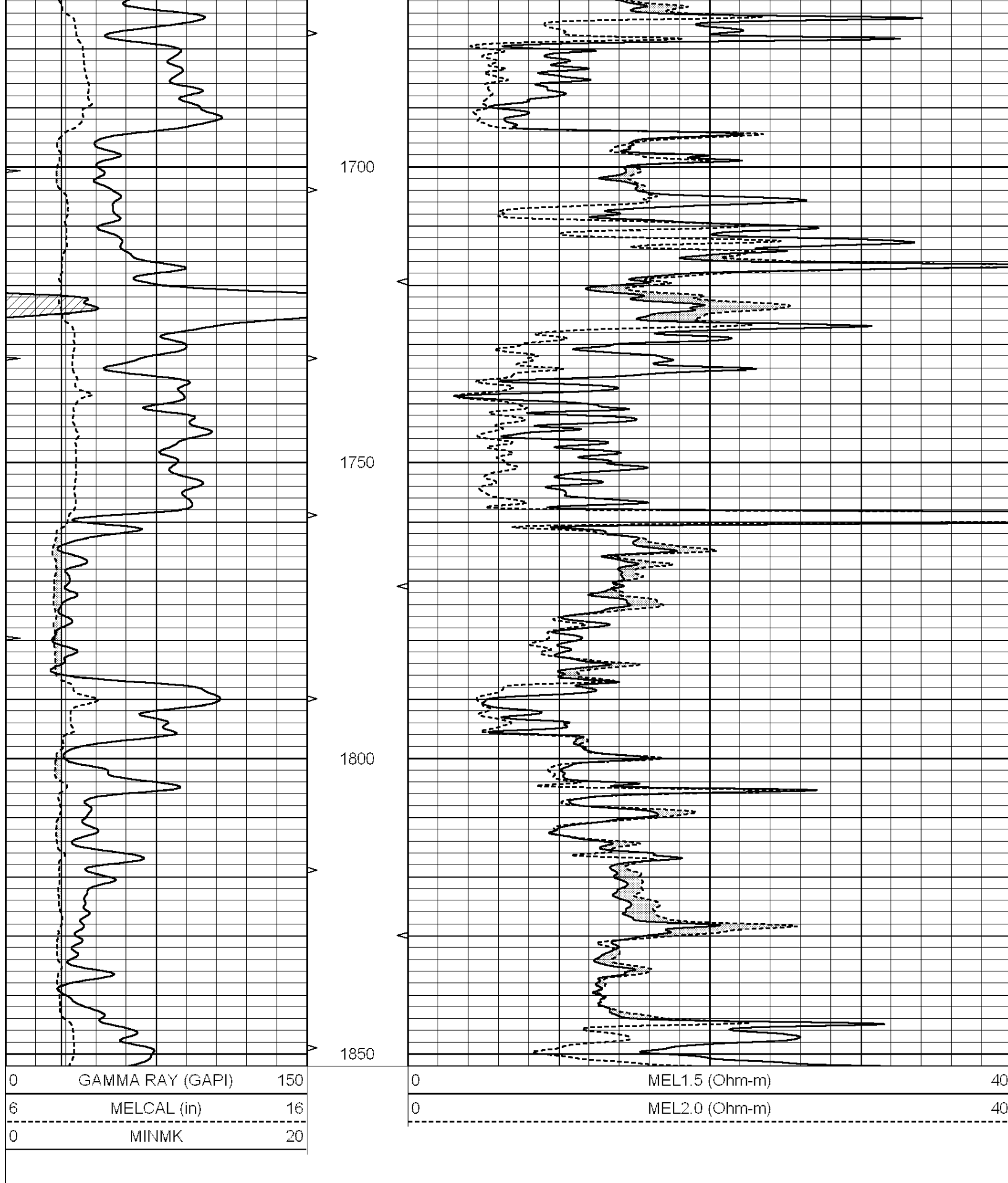
MAIN SECTION

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 Dataset Pathname: pass7.1
 Presentation Format: micro
 Dataset Creation: Sun Oct 07 12:04:31 2012 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
6	MELCAL (in)	16
0	MINMK	20

0	MEL1.5 (Ohm-m)	40
0	MEL2.0 (Ohm-m)	40



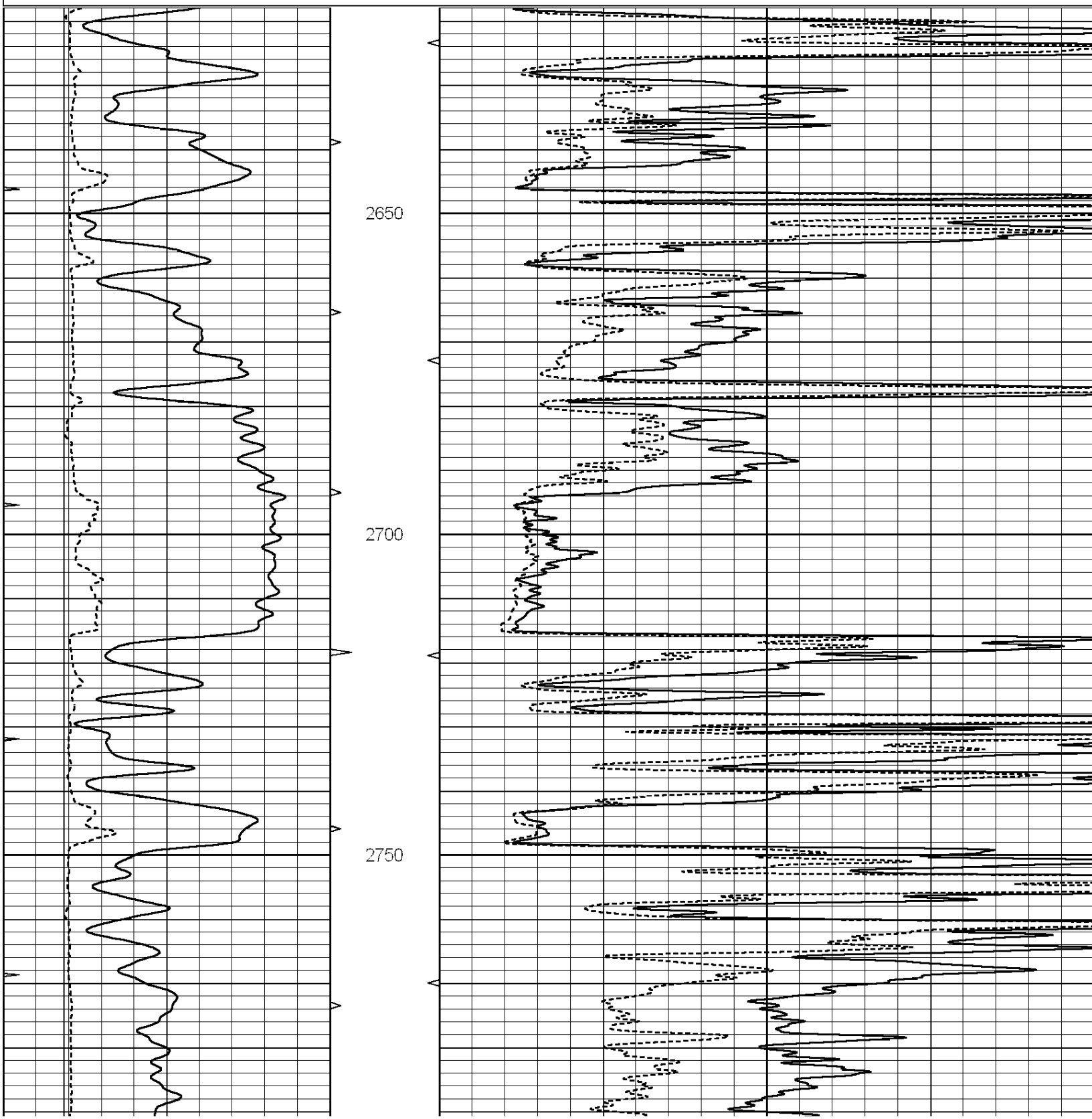


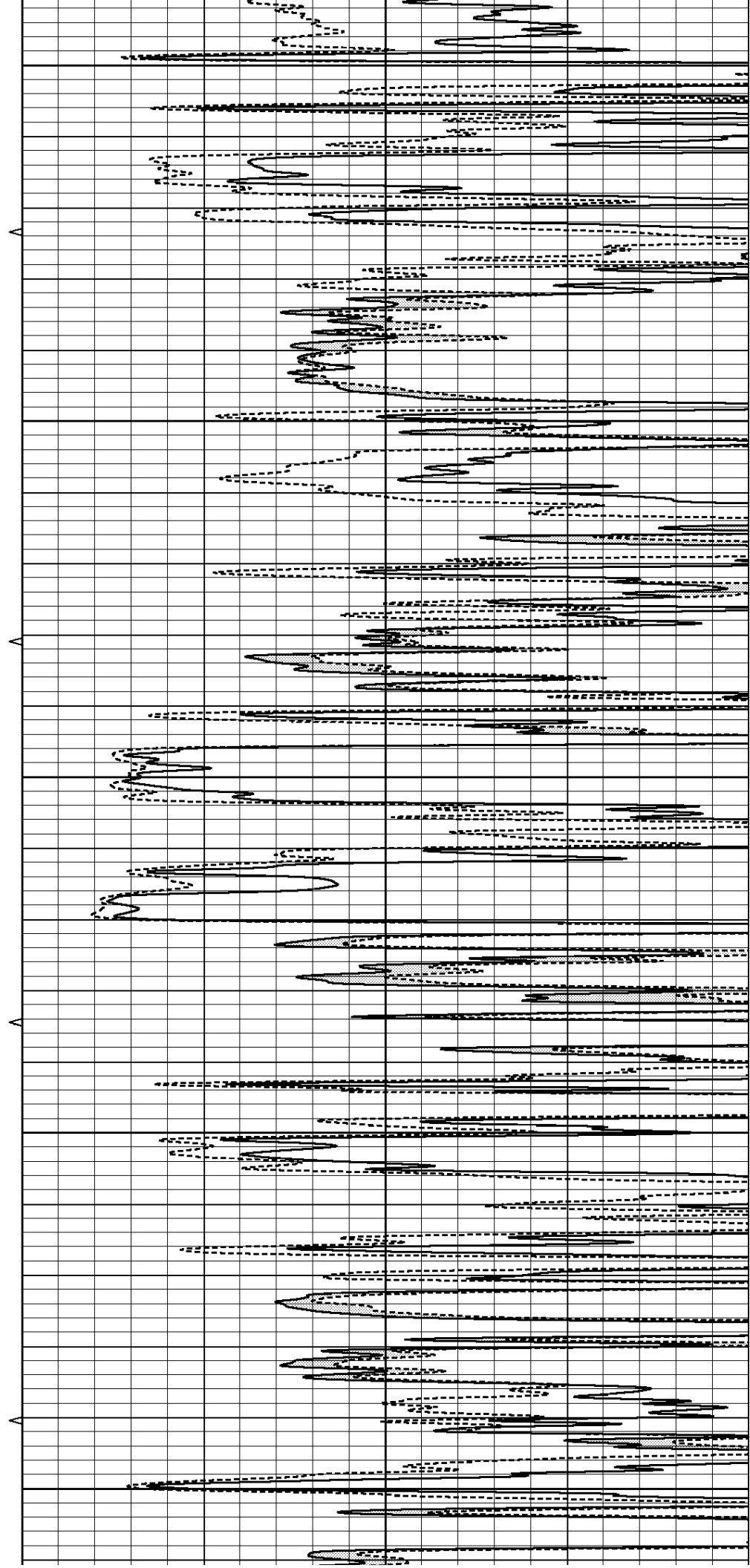
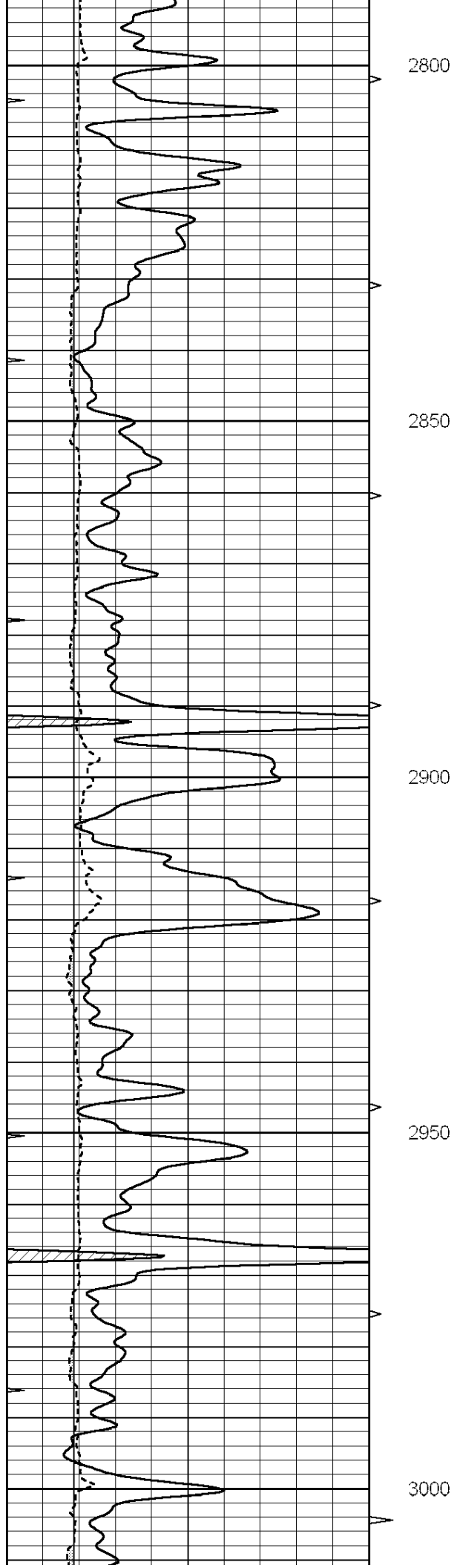
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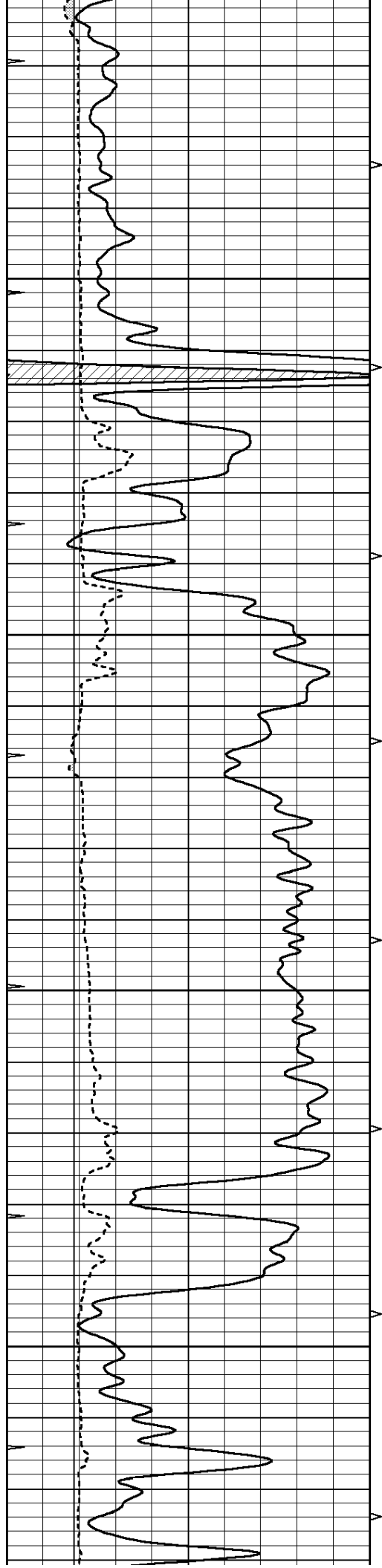
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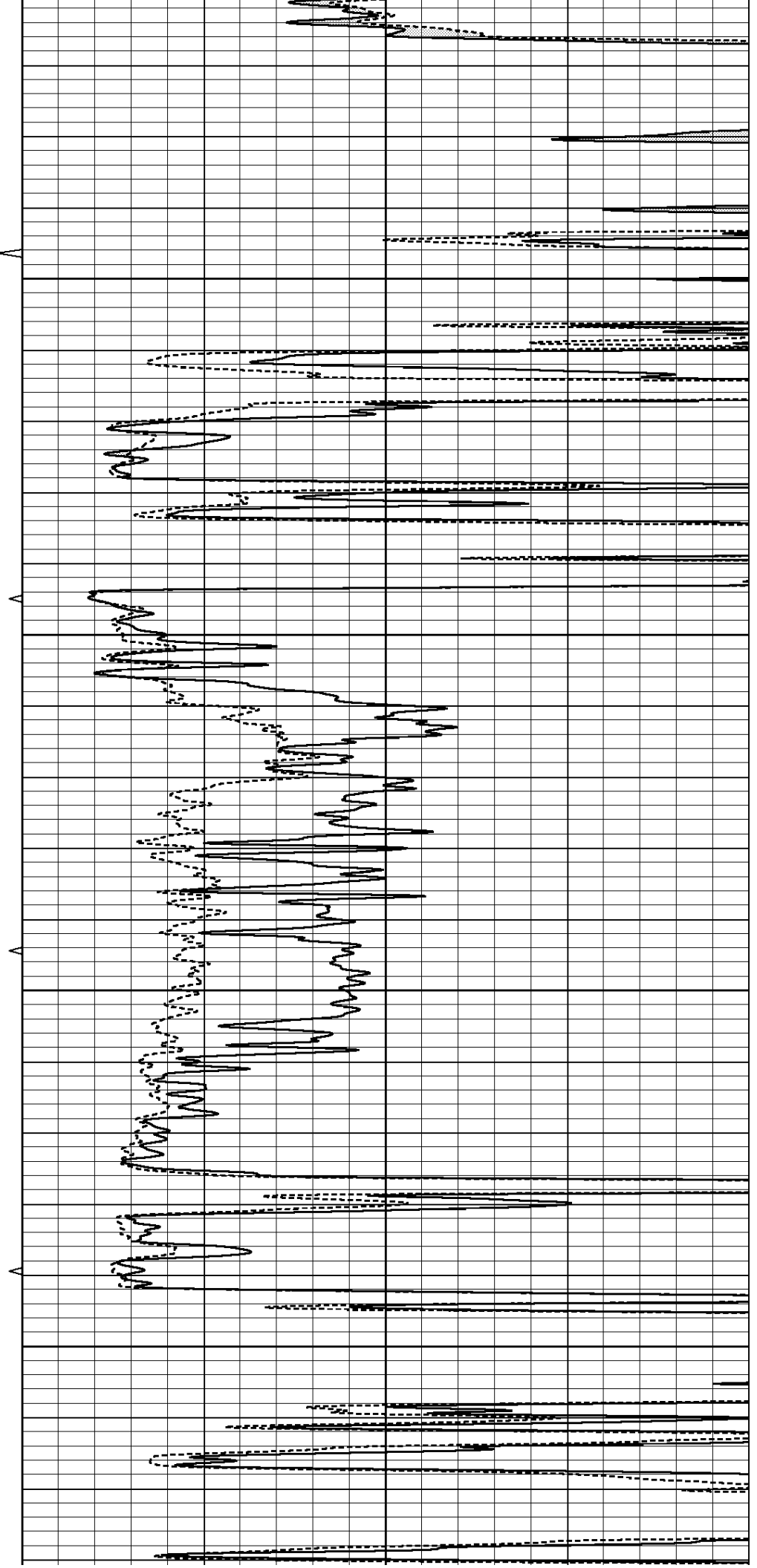


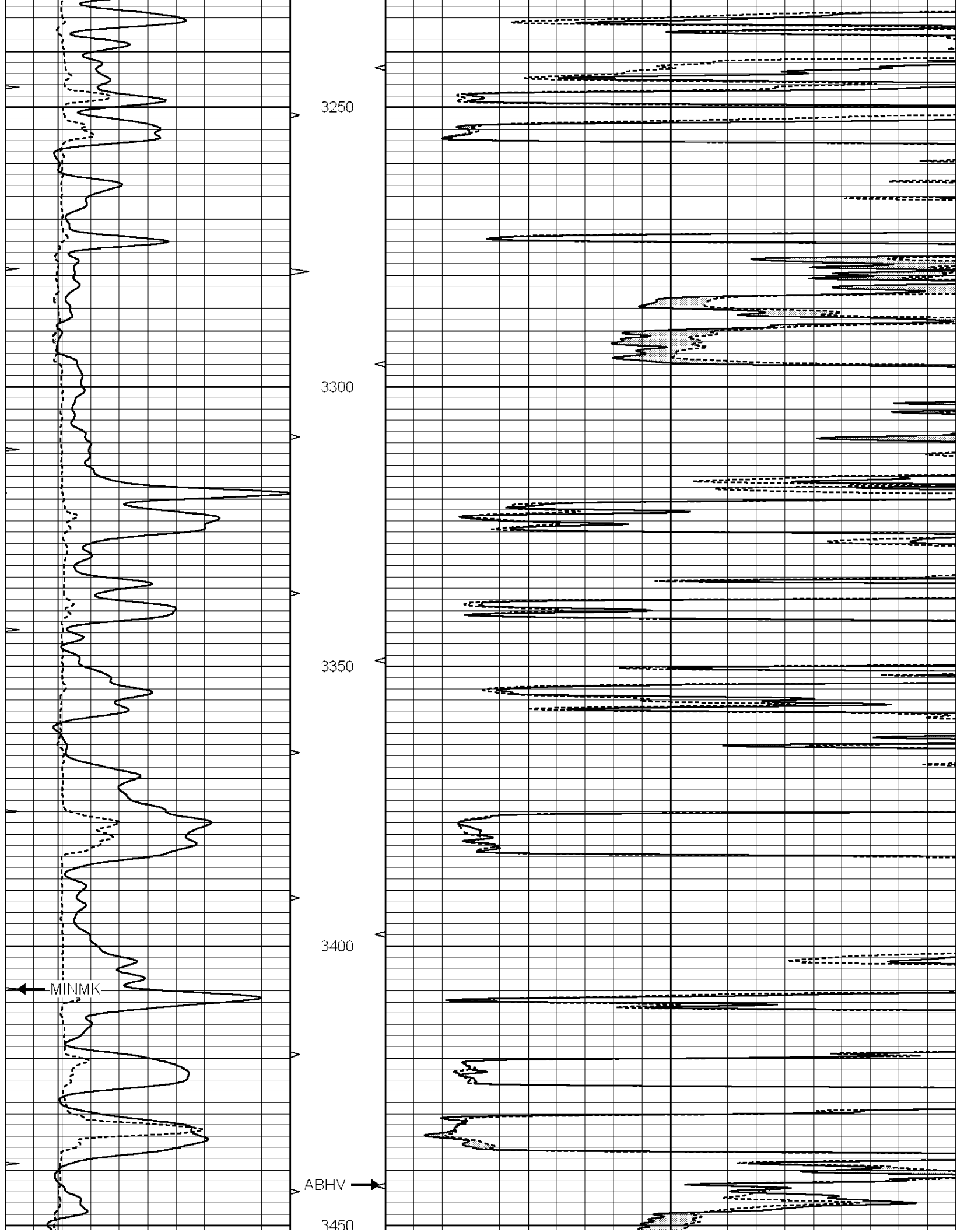
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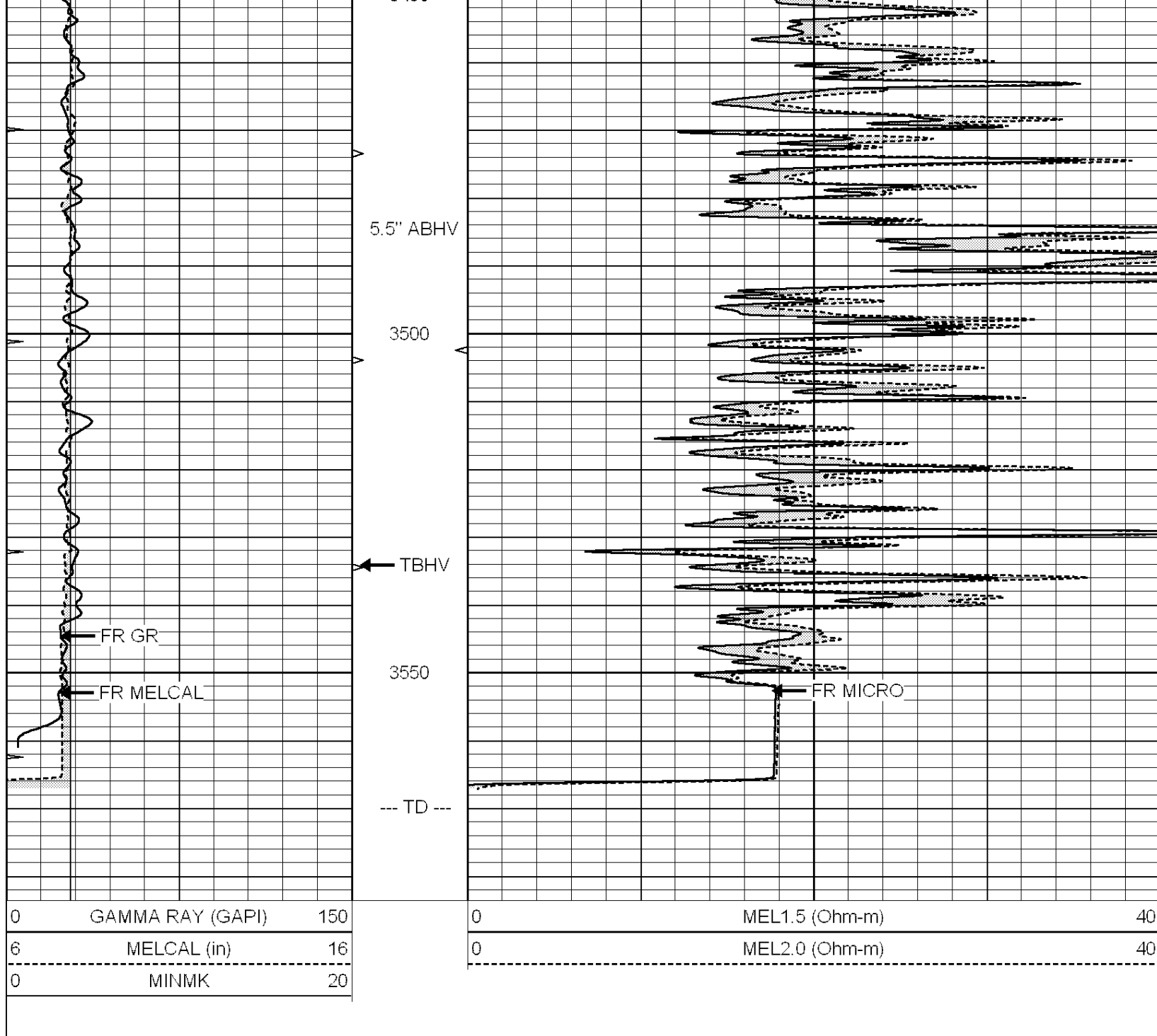
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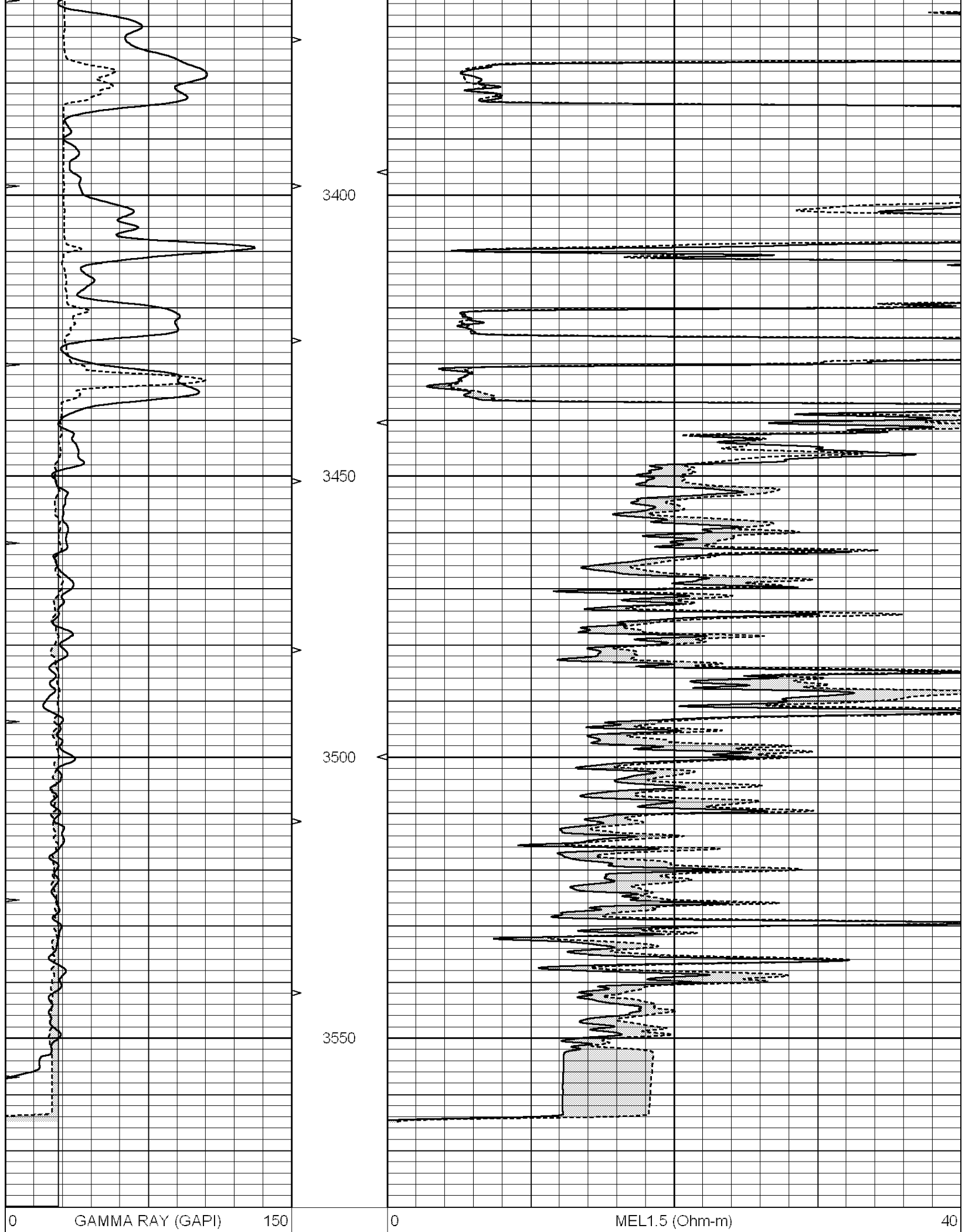


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REPEAT SECTION

Database File: 009929ddn.db
 Dataset Pathname: pass6.1
 Presentation Format: micro
 Dataset Creation: Sun Oct 07 11:30:25 2012
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	0	MEL1.5 (Ohm-m)	40
6	MELCAL (in)	16	0	MEL2.0 (Ohm-m)	40
0	MINMK	20			



6	MELCAL (in)	16	0	MEL2.0 (Ohm-m)	40
0	MINMK	20			

Calibration Report			
Database File:	009929ddn.db		
Dataset Pathname:	pass7.1		
Dataset Creation:	Sun Oct 07 12:04:31 2012 by Calc Open-Cased 090629		
MICRO Calibration Report			
Serial Number:	MICRO4		
Tool Model:	PROBE		
Performed:	Sun Oct 07 11:08:48 2012		
Caliper Calibration:	Gain=1.971	Offset=-3.191	
	Low Cal	High Cal	
References	7.550	13.000	
Readings	5.449	8.214	
1.5" Calibration:	Gain=47.000	Offset=-0.700	
	Low Cal	High Cal	
References	0.000	20.000	
Readings	0.009	1.541	
2" Calibration:	Gain=42.000	Offset=0.600	
	Low Cal	High Cal	
References	0.000	20.000	
Readings	0.004	1.198	
Gamma Ray Calibration Report			
Serial Number:	GR5		
Tool Model:	OPEN		
Performed:	Sun Oct 07 11:09:15 2012		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	1.0	cps	
Sensitivity:	0.7300	GAPI/cps	