



SUPERIOR
Hays,
Kansas

MICRO
LOG

Company	LARIO OIL & GAS COMPANY		
Well	LUMBERT #1-2		
Field			
County	SUMNER	State	KANSAS
Location:	API # : 15-191-22569-0000		Other Services CNL/CDL PE DIL/SON
80' E & 10' S OF S/2 - NW - SW - SE			
815' FSL & 2230' FEL			
SEC 2 TWP 33S RGE 1W			
Permanent Datum	GROUND LEVEL	Elevation	1224
Log Measured From	KELLY BUSHING 8' A.G.L.		
Drilling Measured From	KELLY BUSHING		
Date	11/24/09		
Run Number	TWO		
Depth Driller	4401		
Depth Logger	4402		
Bottom Logged Interval	4379		
Top Log Interval	2600		
Casing Driller	8 5/8" @ 297'		
Casing Logger	305'		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 3,000 PPM	
Density / Viscosity	9.1 / 53		
pH / Fluid Loss	10.0 / 8.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.75 @ 79F		
Rmf @ Meas. Temp	0.56 @ 79F		
Rmc @ Meas. Temp	0.90 @ 79F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	0.50 @ 119F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	119F		
Equipment Number	0836		
Location	HAYS, KANSAS		
Recorded By	DAN GOTTSCHALK		
Witnessed By	VERN SCHRAG		

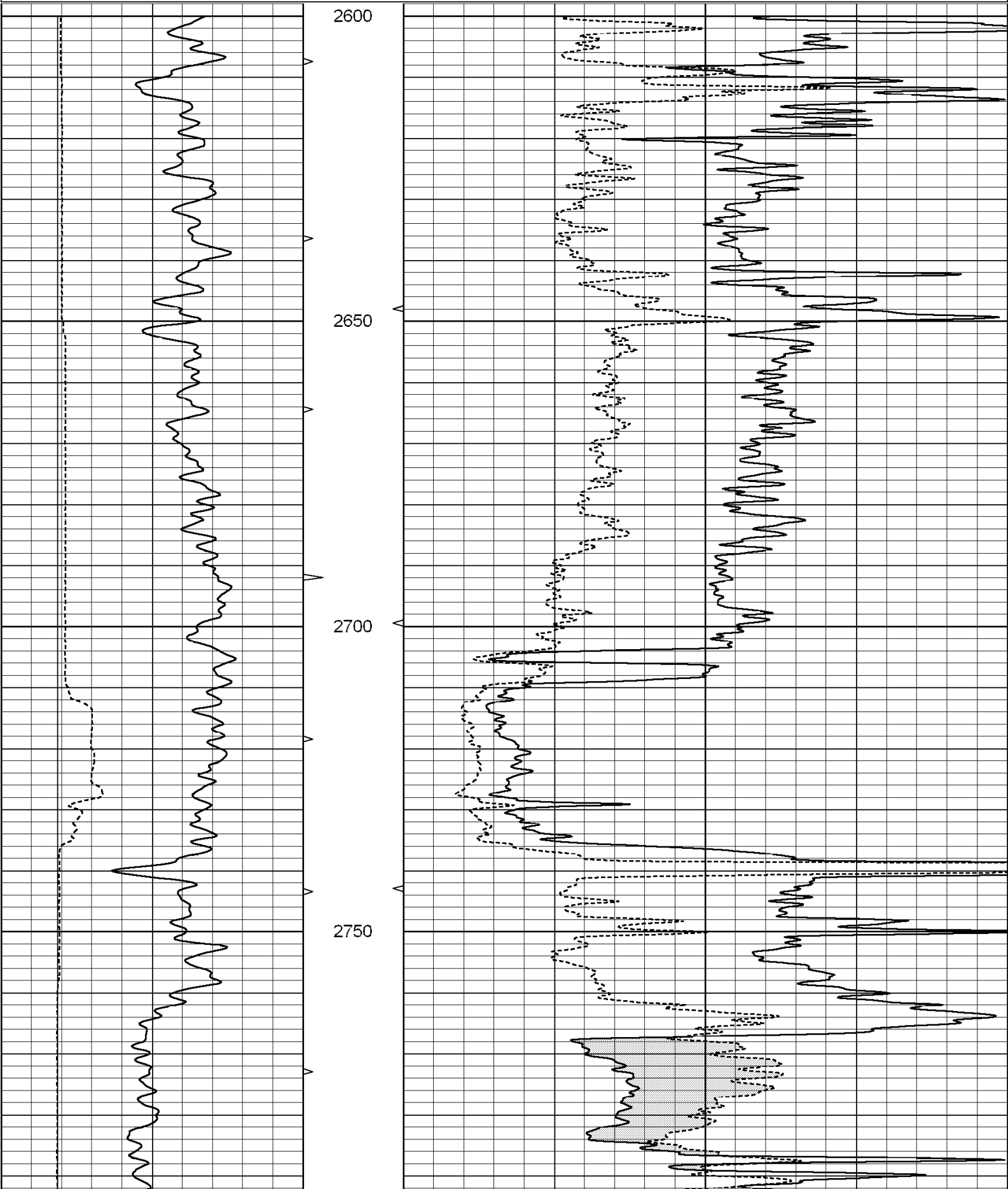
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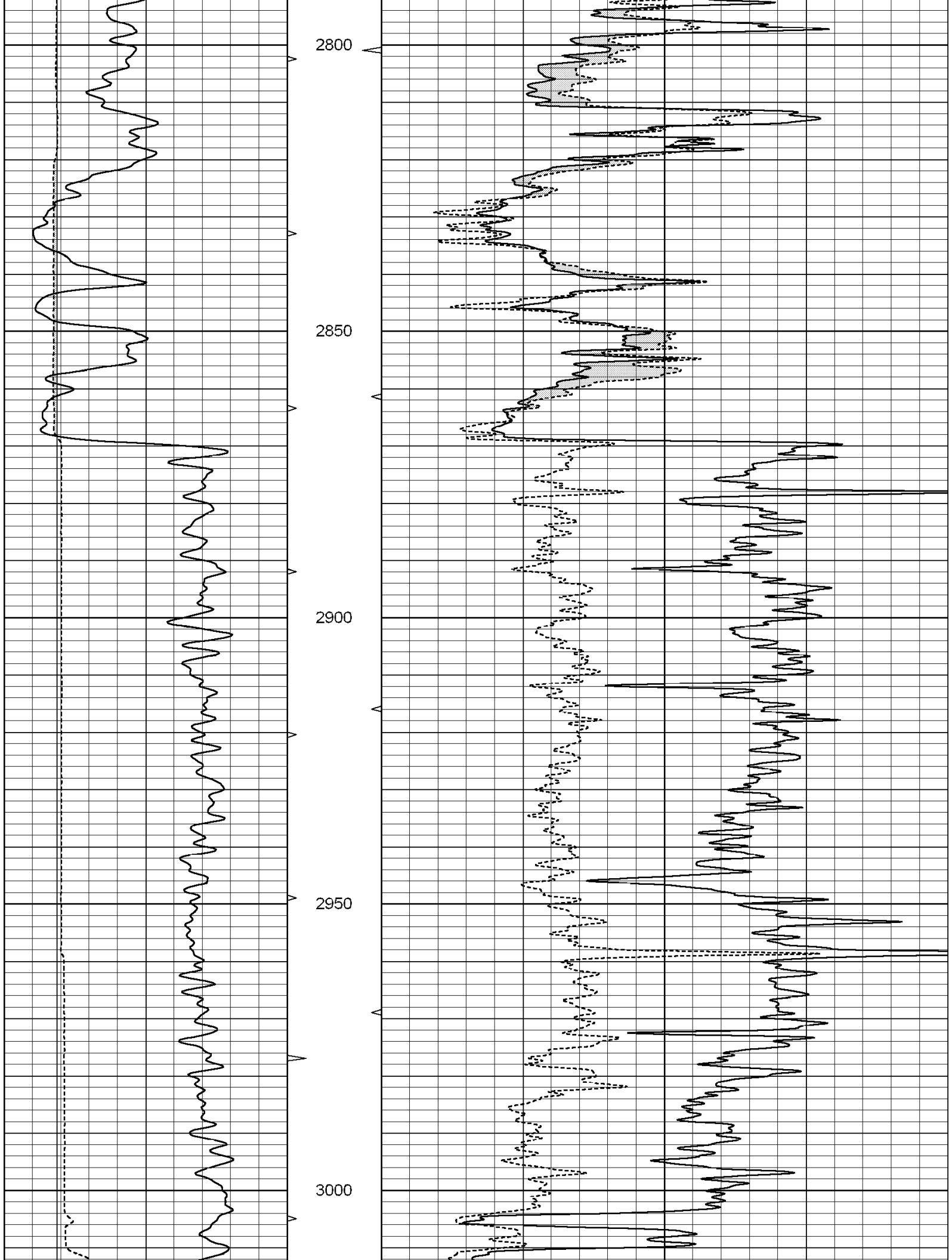
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

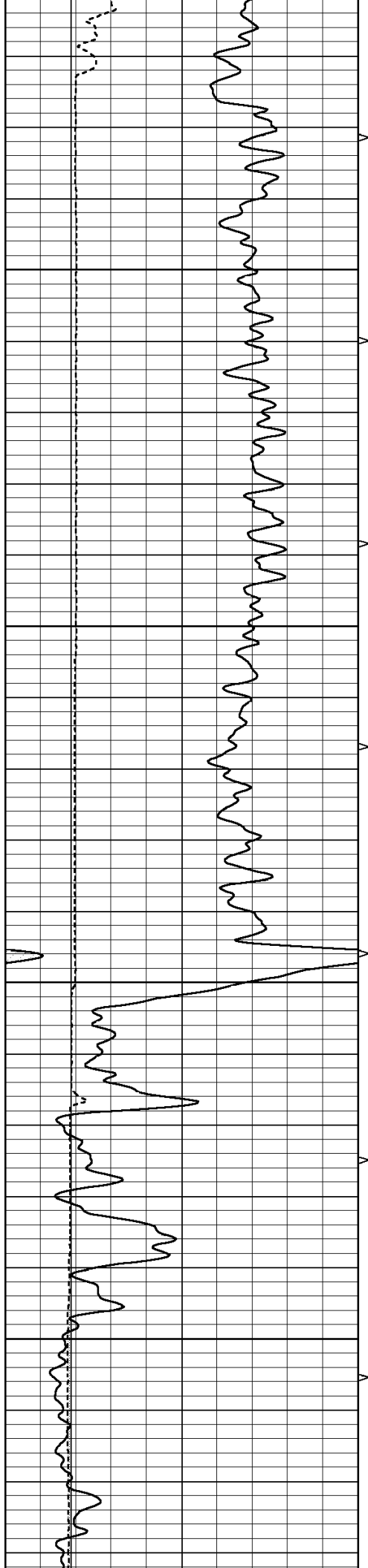
Comments

THANK YOU FOR USING SUPERIOR WELL SERVICE HAYS, KANSAS (785) 628-6395
DIRECTIONS
HWY 160 & HWY 81 - WEST EDGE OF WELLINGTON - 3 1/2 SOUTH TO 50TH - 1 EAST -
1/2 SOUTH - WEST INTO

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	20
6	CALIPER (in)	16	10 (ft3) 0	0	MEL2.0 (Ohm-m)	20
			TBHV			
			0 (ft3) 10			





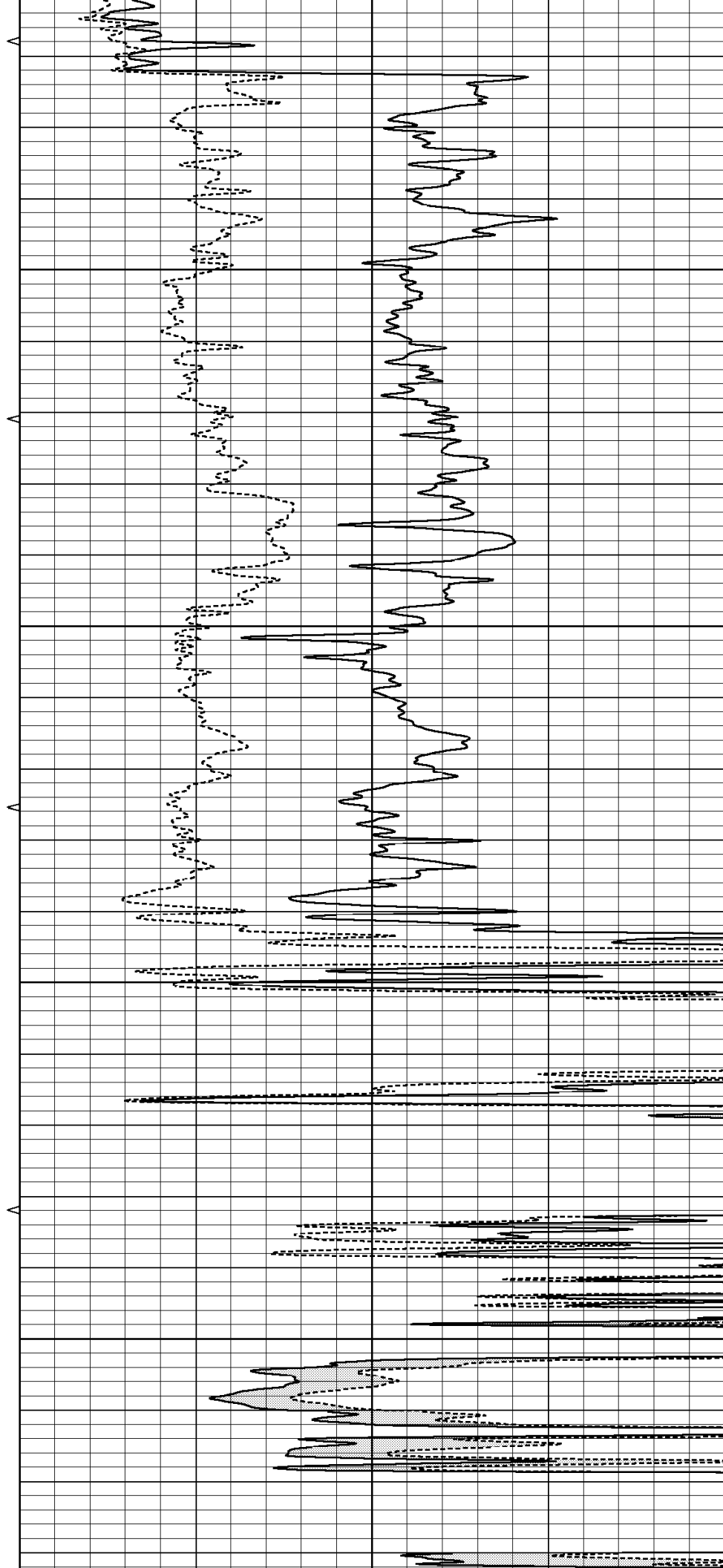


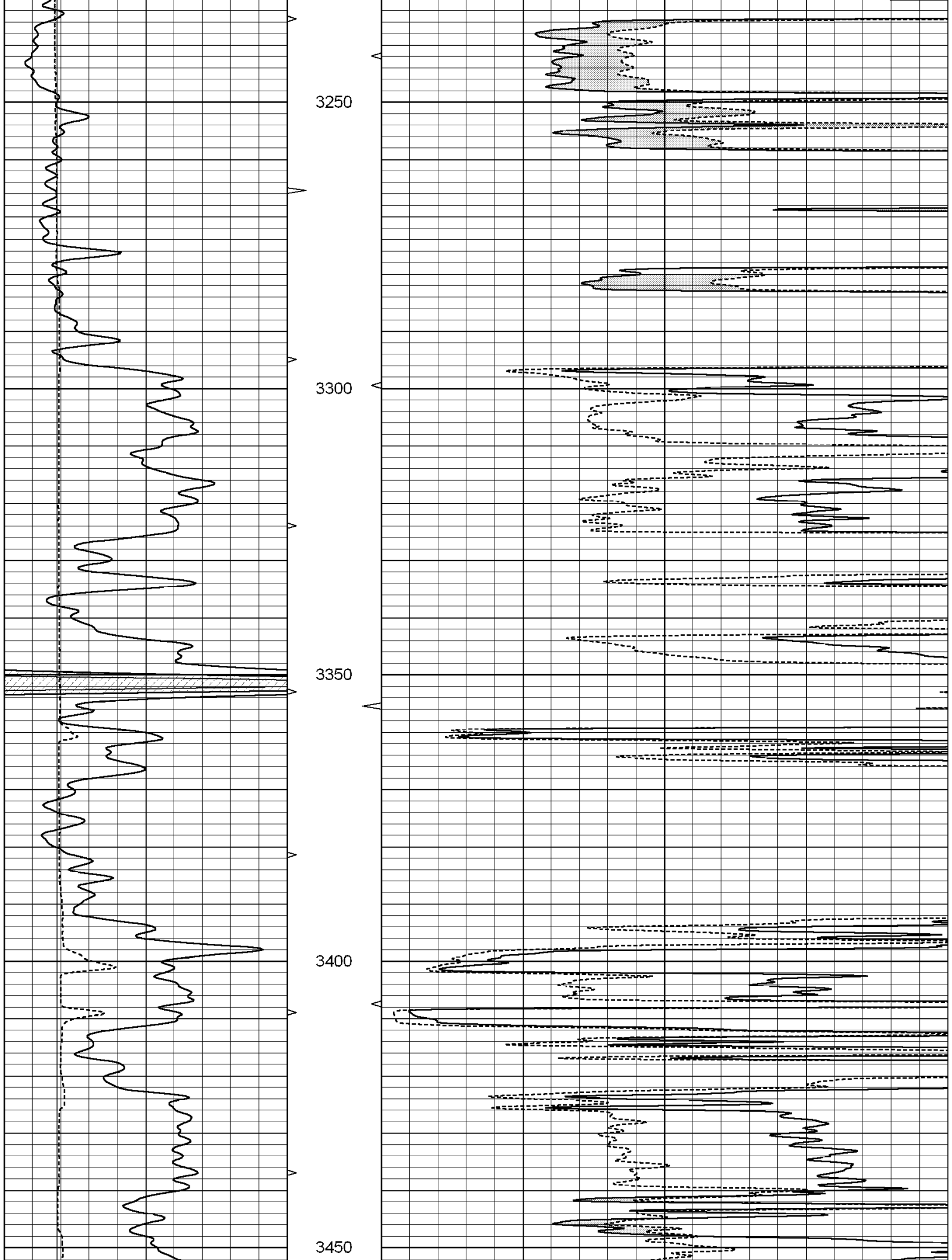
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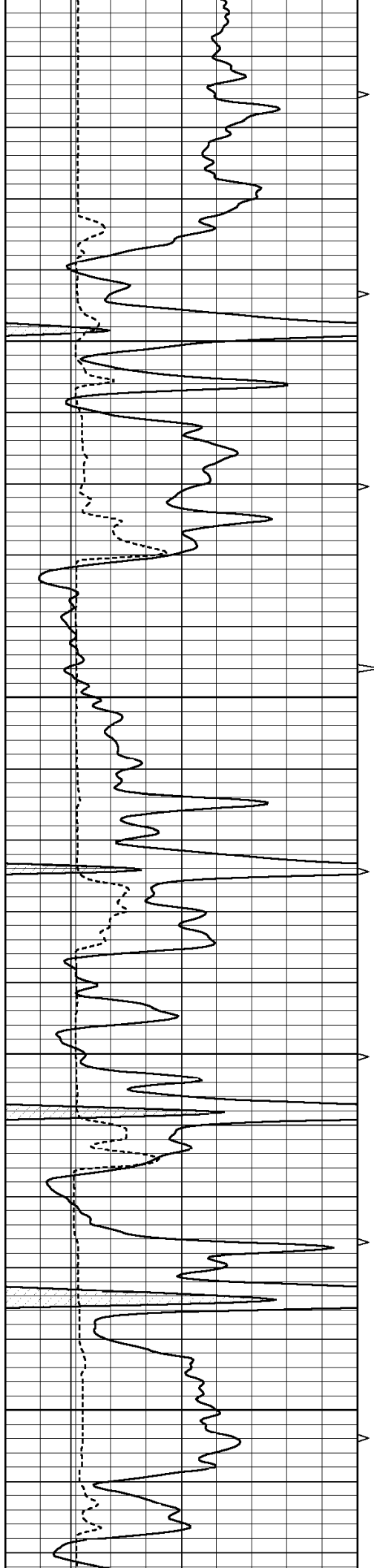
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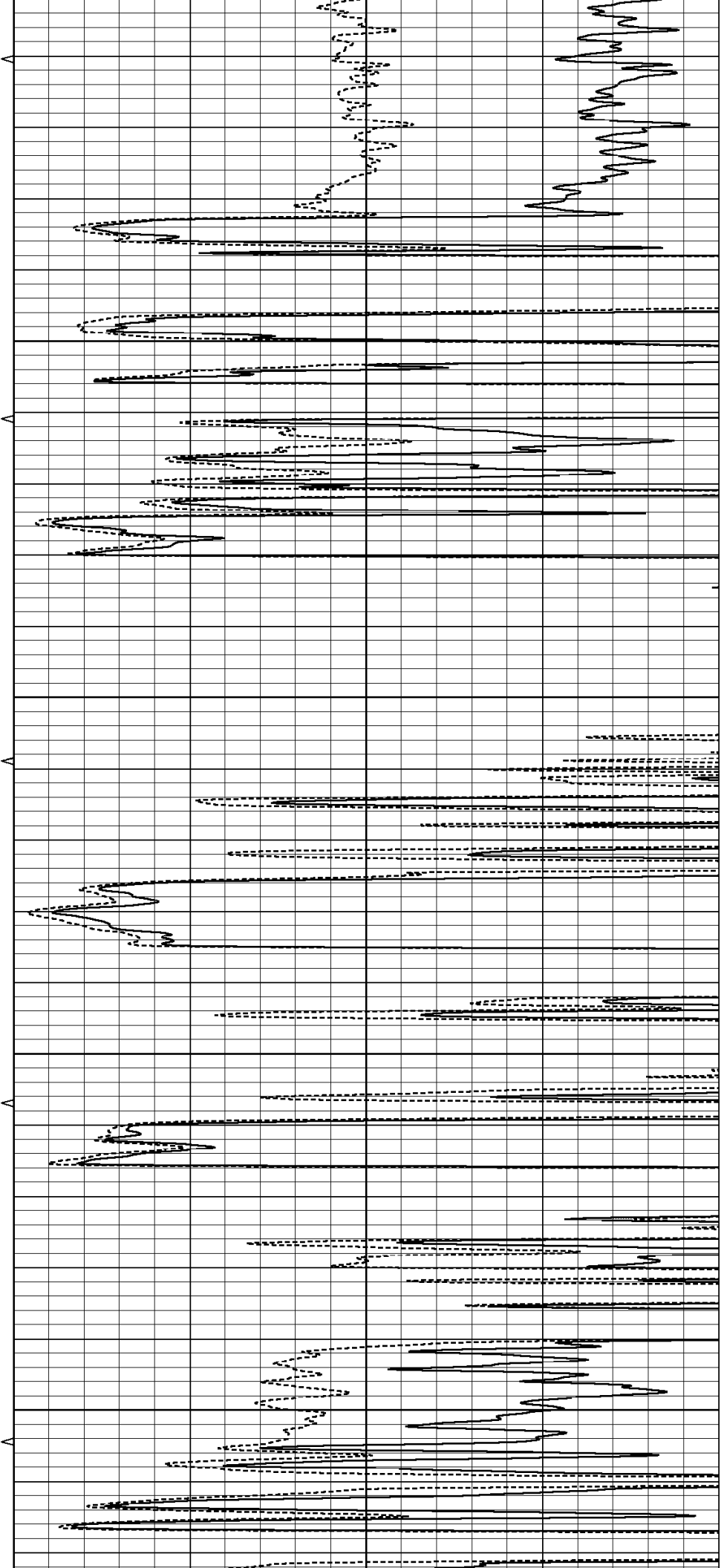


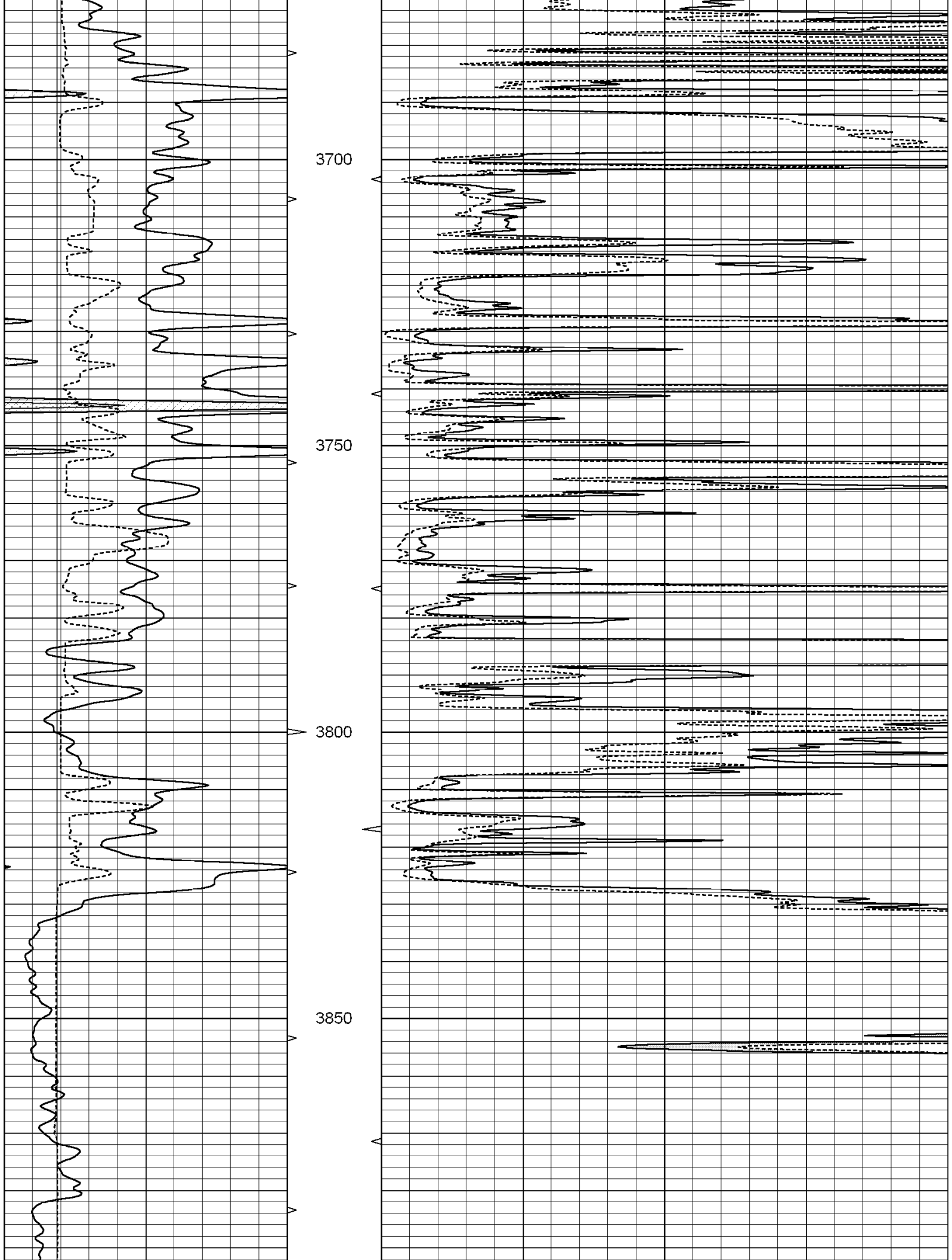
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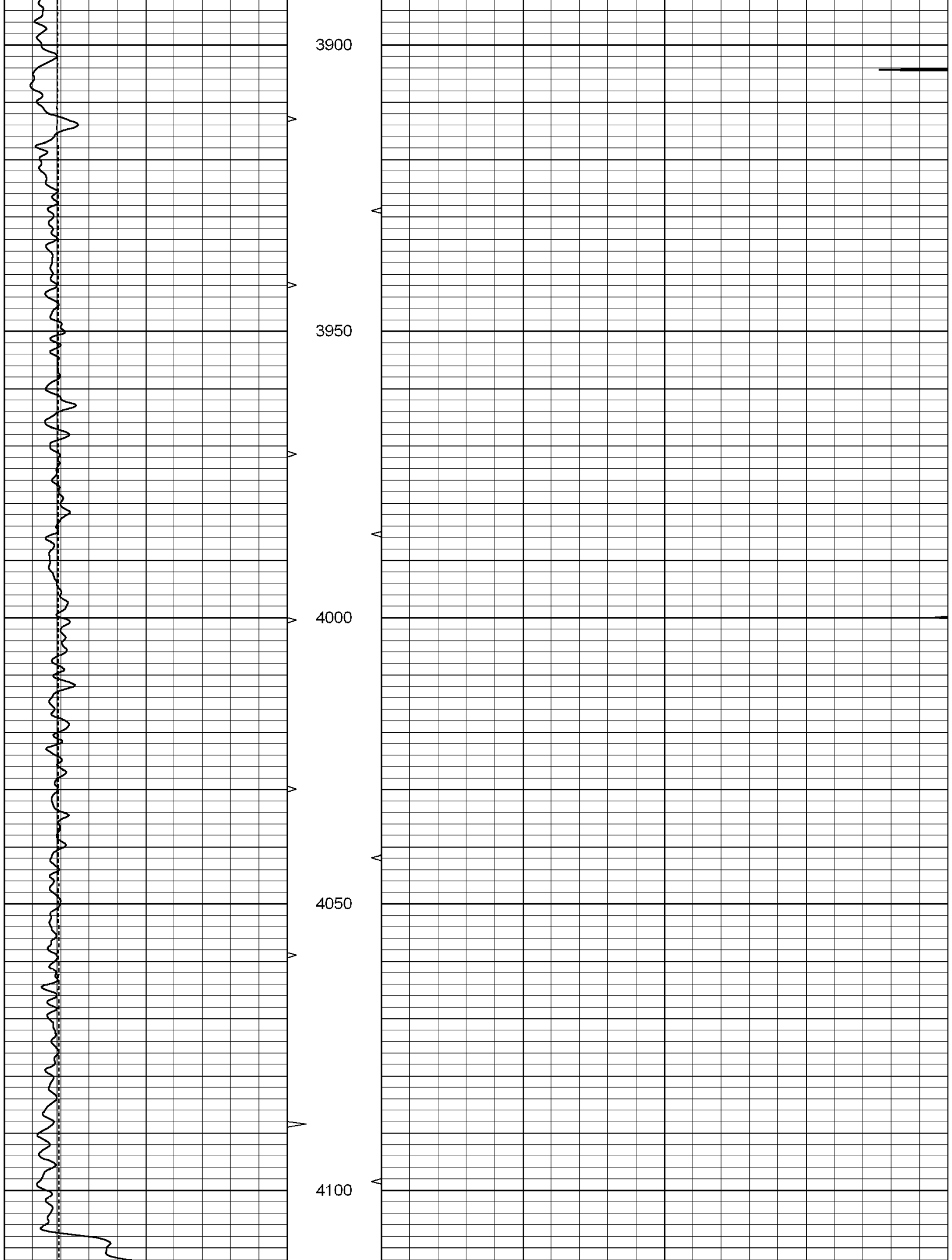
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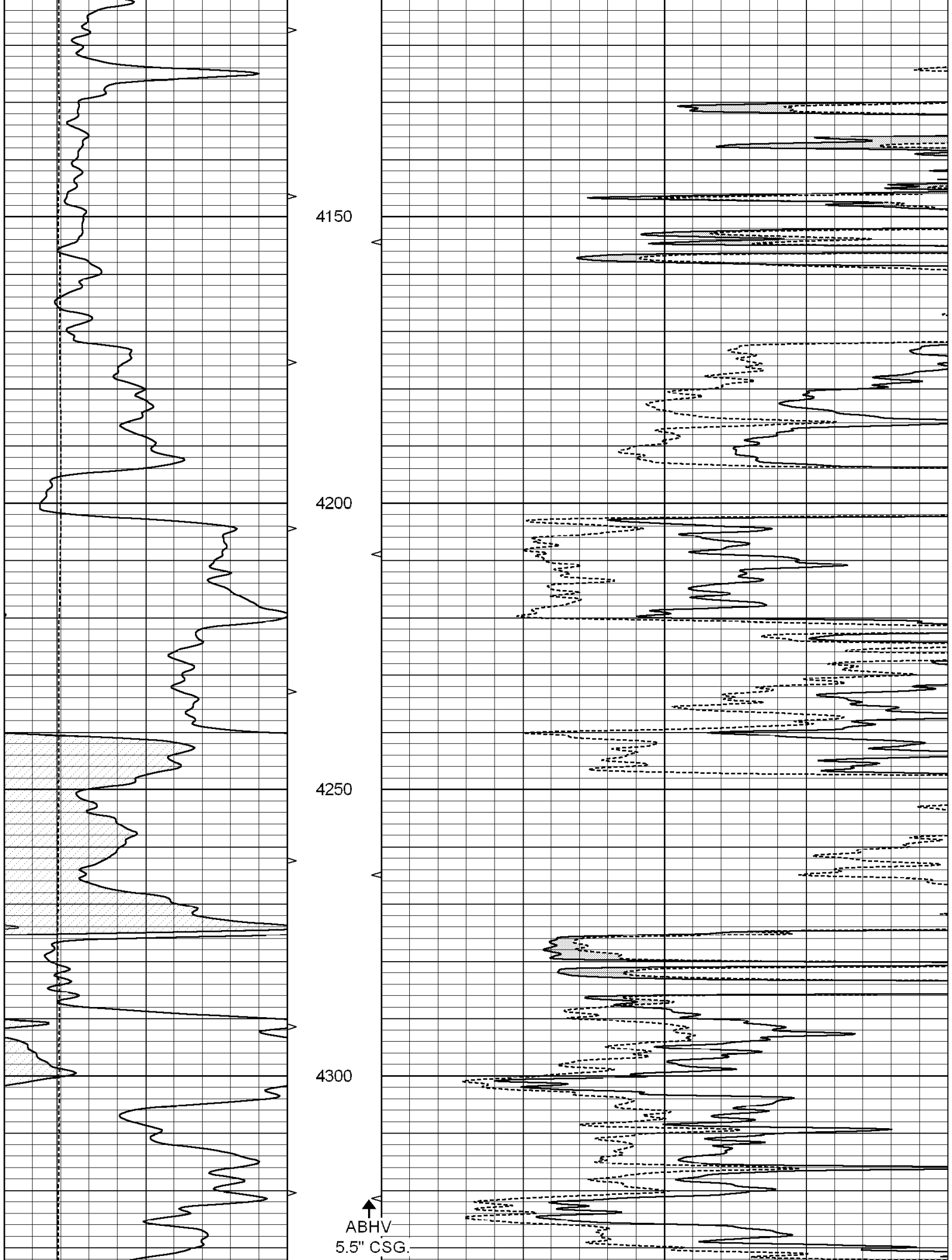
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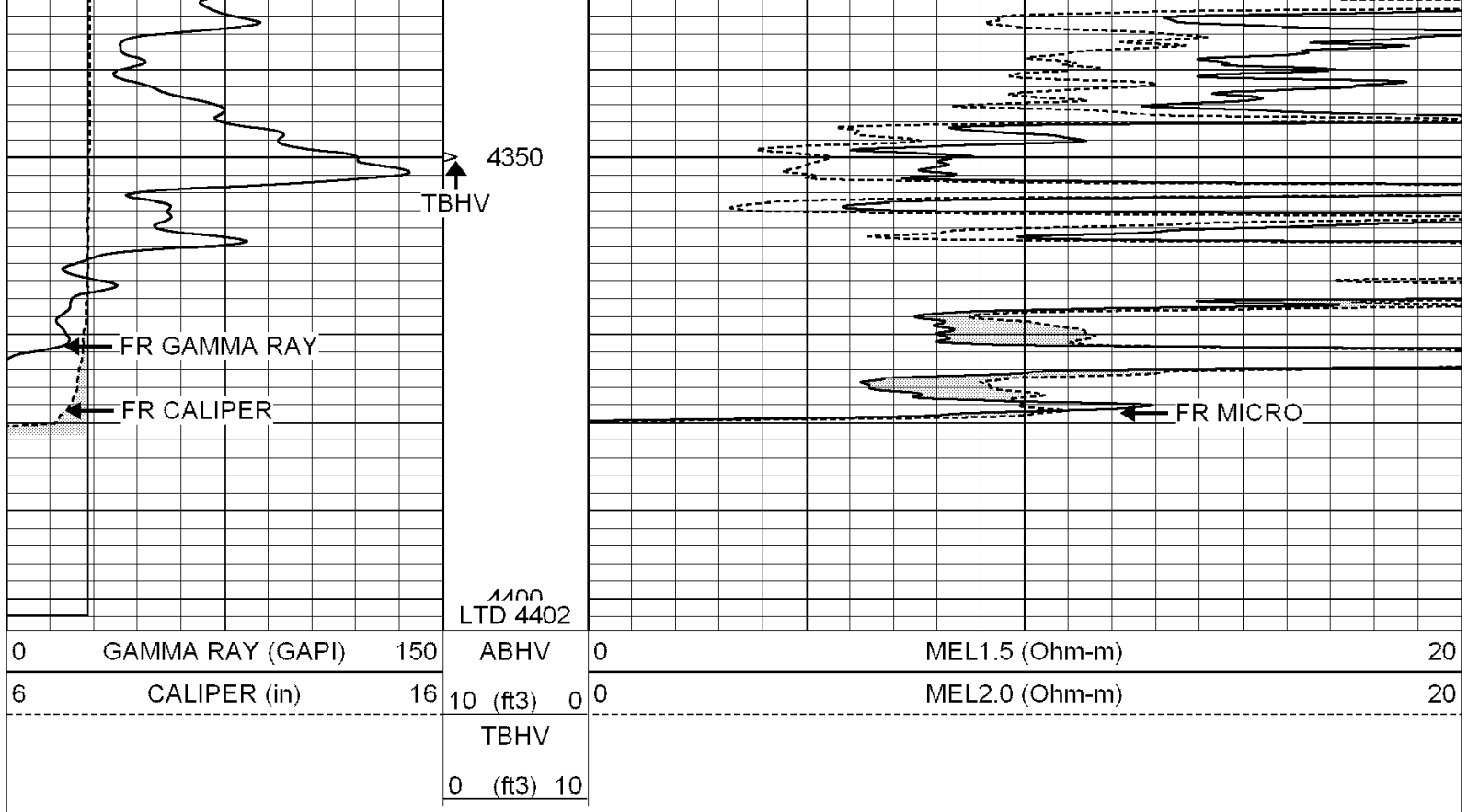
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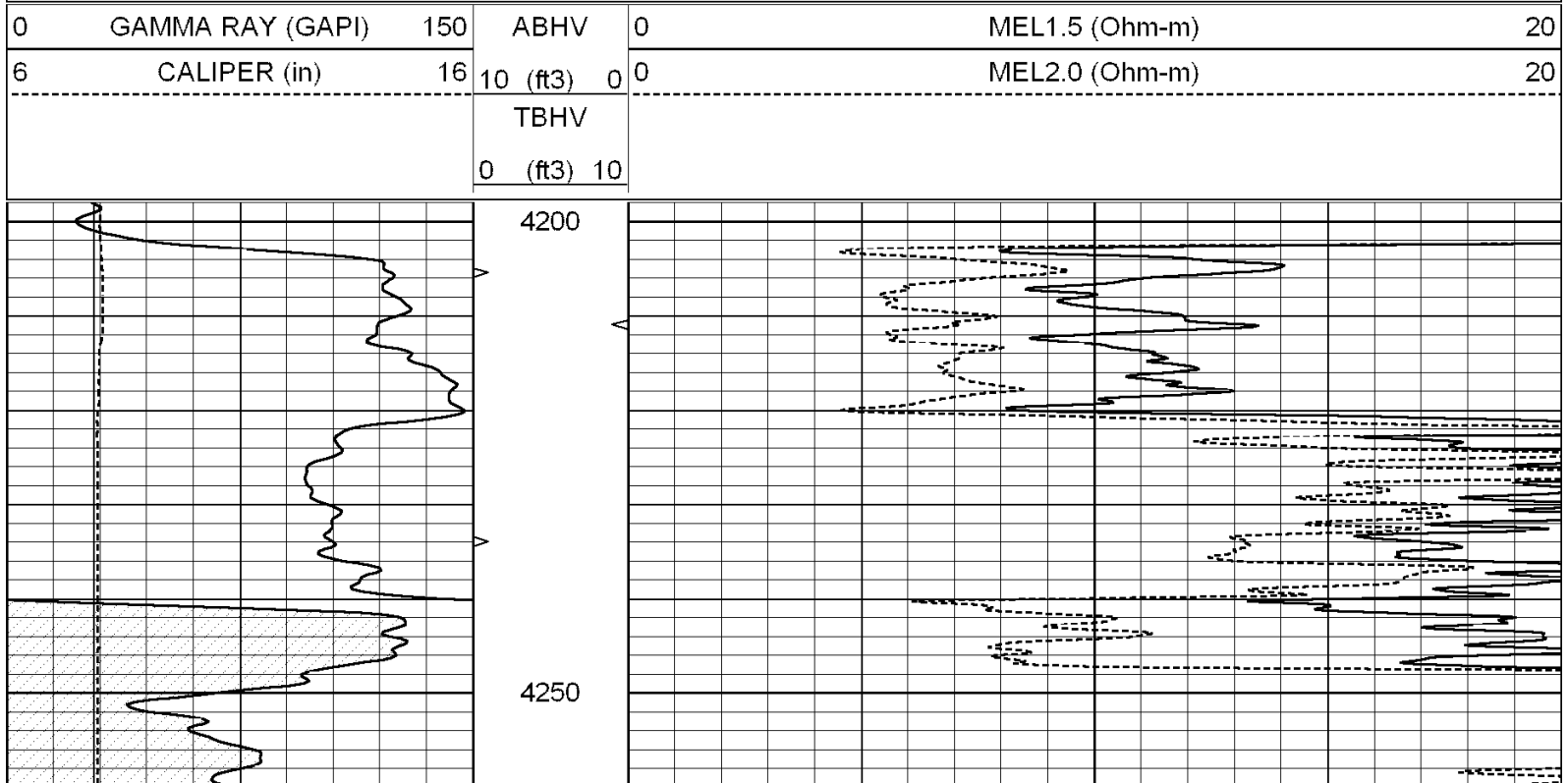


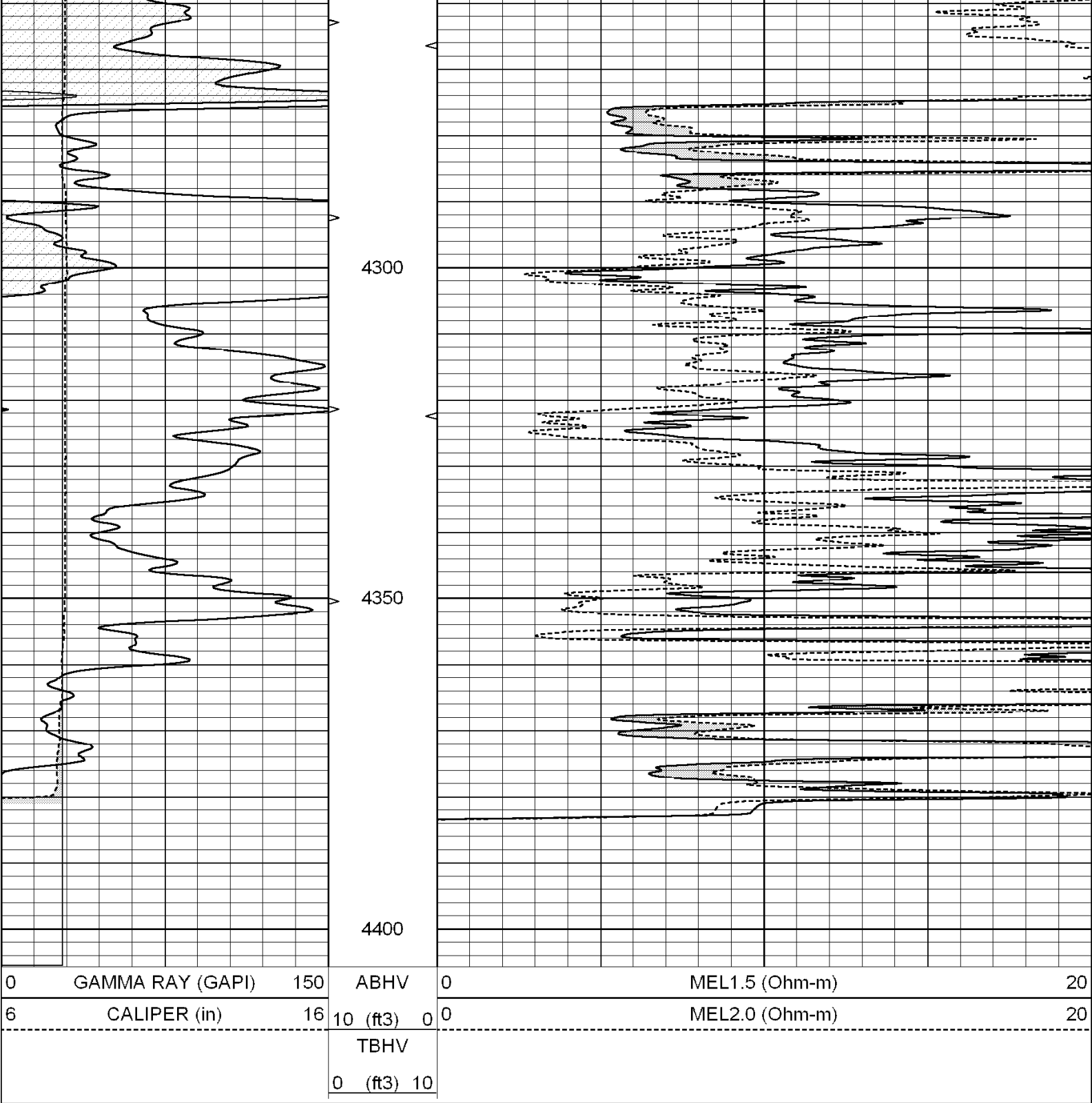


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REPEAT SECTION

Database File: 004631pe.db
Dataset Pathname: pass7.2
Presentation Format: micro
Dataset Creation: Tue Nov 24 21:30:23 2009
Charted by: Depth in Feet scaled 1:240





Calibration Report			
Database File:	004631pe.db		
Dataset Pathname:	pass8		
Dataset Creation:	Tue Nov 24 20:09:50 2009 by Log Open-Cased 060407		
MICRO Calibration Report			
Serial Number:	MICRO5		
Tool Model:	PROBE		
Performed:	Thu Nov 19 02:39:32 2009		
Caliper Calibration:	Gain=3.081	Offset=0.770	
Reference:	Low Cal	High Cal	
	7.000	14.000	

References	7.000	14.000
Readings	2.022	4.294
1.5" Calibration:	Gain=42.000	Offset=-1.500
References	Low Cal	High Cal
Readings	0.000	20.000
	0.011	0.994
2" Calibration:	Gain=48.000	Offset=-2.000
References	Low Cal	High Cal
Readings	0.000	20.000
	0.015	0.903
Gamma Ray Calibration Report		
Serial Number:	GR4	
Tool Model:	OPEN	
Performed:	Thu Nov 19 02:39:49 2009	
Calibrator Value:	200.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	189.0	cps
Sensitivity:	0.7000	GAPI/cps