



SUPERIOR
Hays,
Kansas

MICRO LOG

Company LOTUS OPERATING COMPANY, LLC.	
Well #3 MOLZ "L"	
Field STRANATHAN	
County BARBER	State KANSAS
Location: API # : 15-007-23692-0000	
SEC 1 TWP 35S RGE 12W	
Permanent Datum GROUND LEVEL	Elevation 1397
Log Measured From KELLY BUSHING 13' A.G.L.	
Drilling Measured From KELLY BUSHING	
Other Services CDL/CNL/PE DIL/SONIC	
Elevation K.B. 1410 D.F. 1408 G.L. 1397	
Date 9/28/11	
Run Number TWO	
Depth Driller 5560	
Depth Logger 5566	
Bottom Logged Interval 5543	
Top Log Interval 3700	
Casing Driller 10 3/4"@252'	
Casing Logger 252	
Bit Size 7 7/8"	
Type Fluid in Hole CHEMICAL MUD	CHLORIDES 2,000 PPM
Density / Viscosity 9.3/49	
pH / Fluid Loss 10.0/8.8	
Source of Sample FLOWLINE	
Rm @ Meas. Temp .850@82F	
Rmt @ Meas. Temp .636@82F	
Rmc @ Meas. Temp 1.02@82F	
Source of Rmt / Rmc MEASUREMENT	
Rm @ BHT .536@130F	
Time Circulation Stopped 5.5 HOURS	
Time Logger on Bottom 6:45 A.M.	
Maximum Recorded Temperature 130F	
Equipment Number 4010	
Location HAYS, KANSAS	
Recorded By JEFF LUEBBERS	
Witnessed By TIM HELLMAN	

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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

MEDICINE LODGE, KS. (JUNCTION OF HWY 160 & 281) 17S. ON HWY 281 PAST "DRIFTWOOD RD.", W.
INTO CATTLE GUARD THEN BACK NORTH

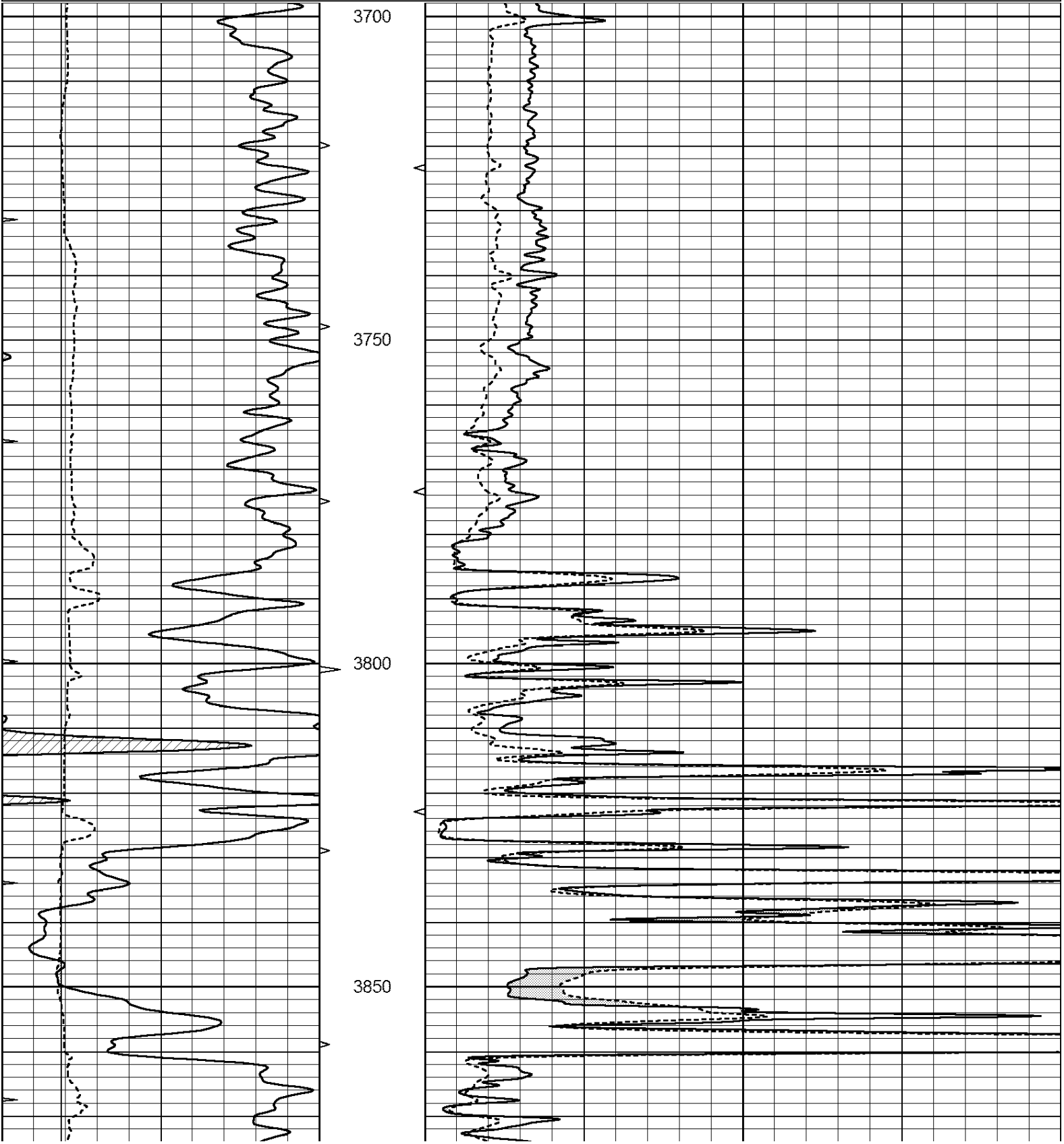


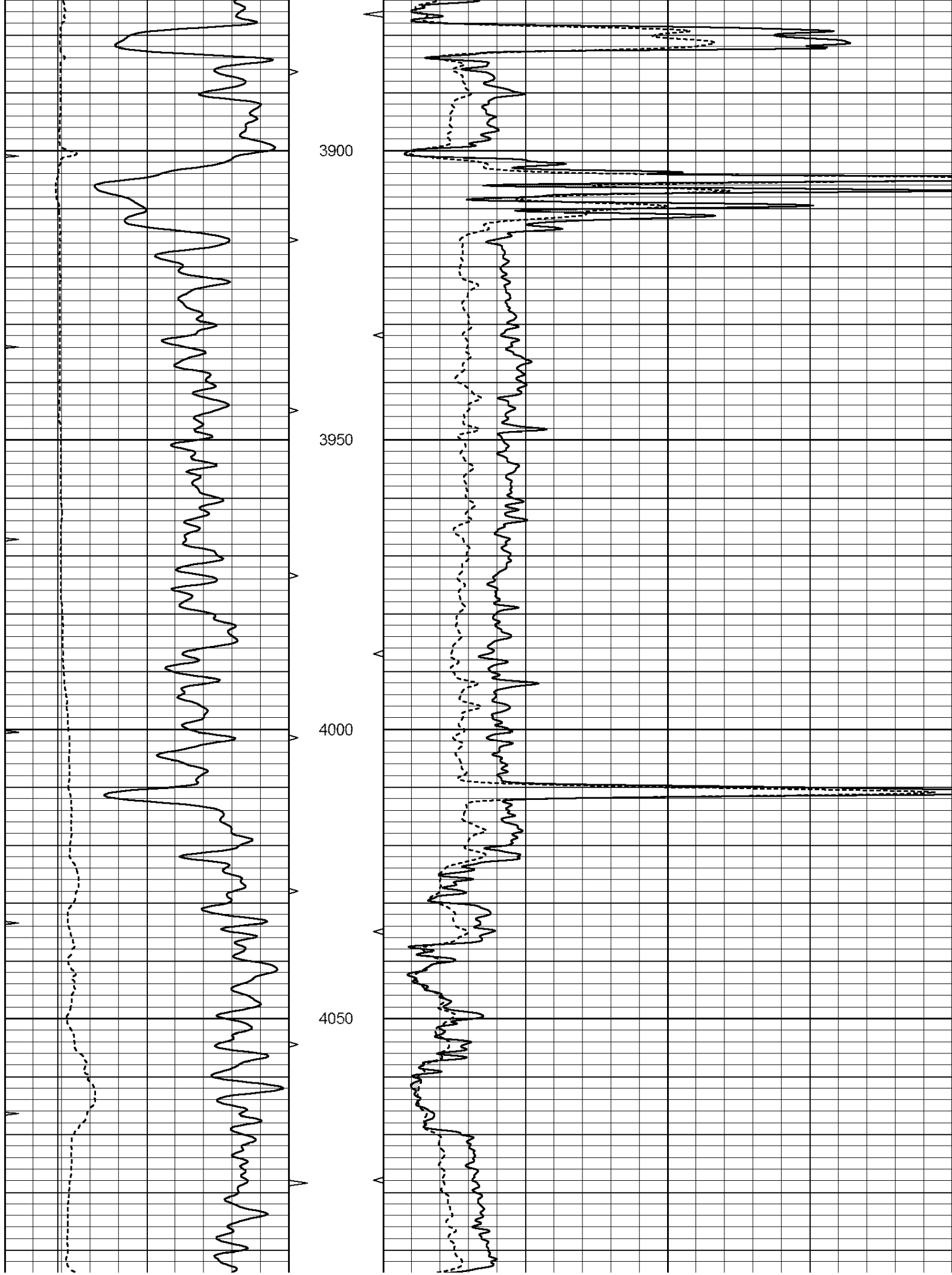
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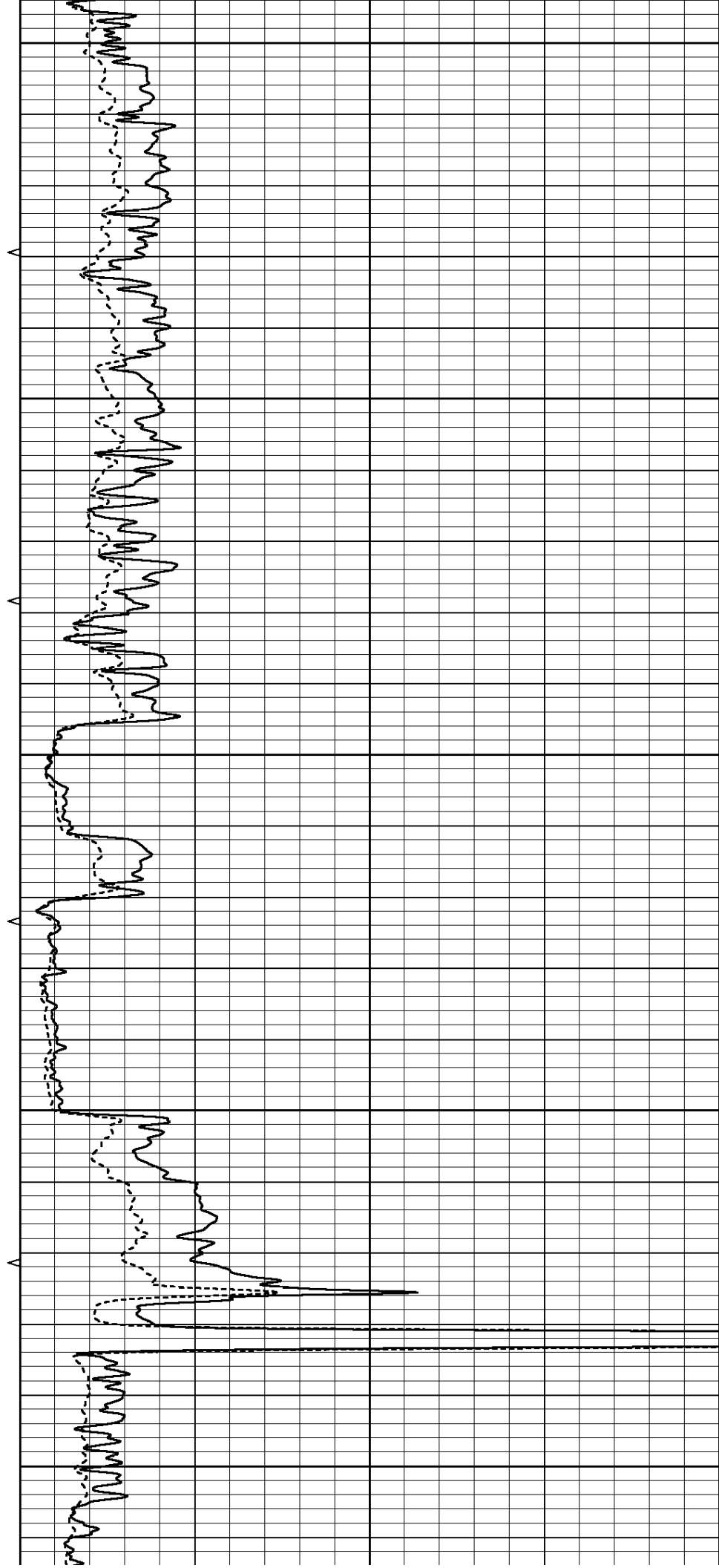
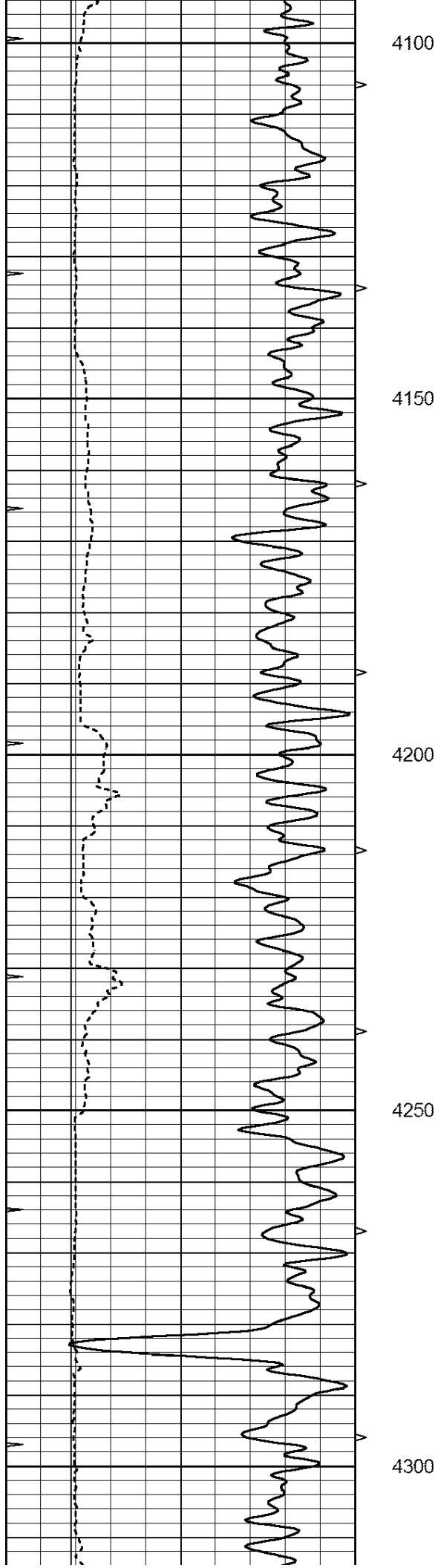
MAIN SECTION

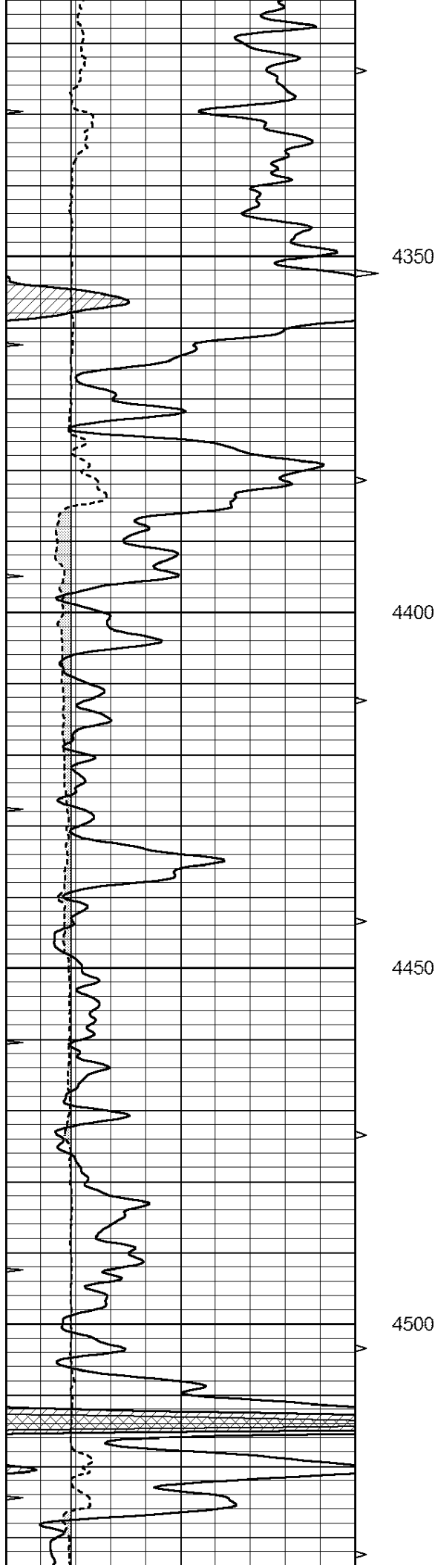
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Dataset Pathname: pass6.3
Presentation Format: micro
Dataset Creation: Wed Sep 28 11:13:53 2011
Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		







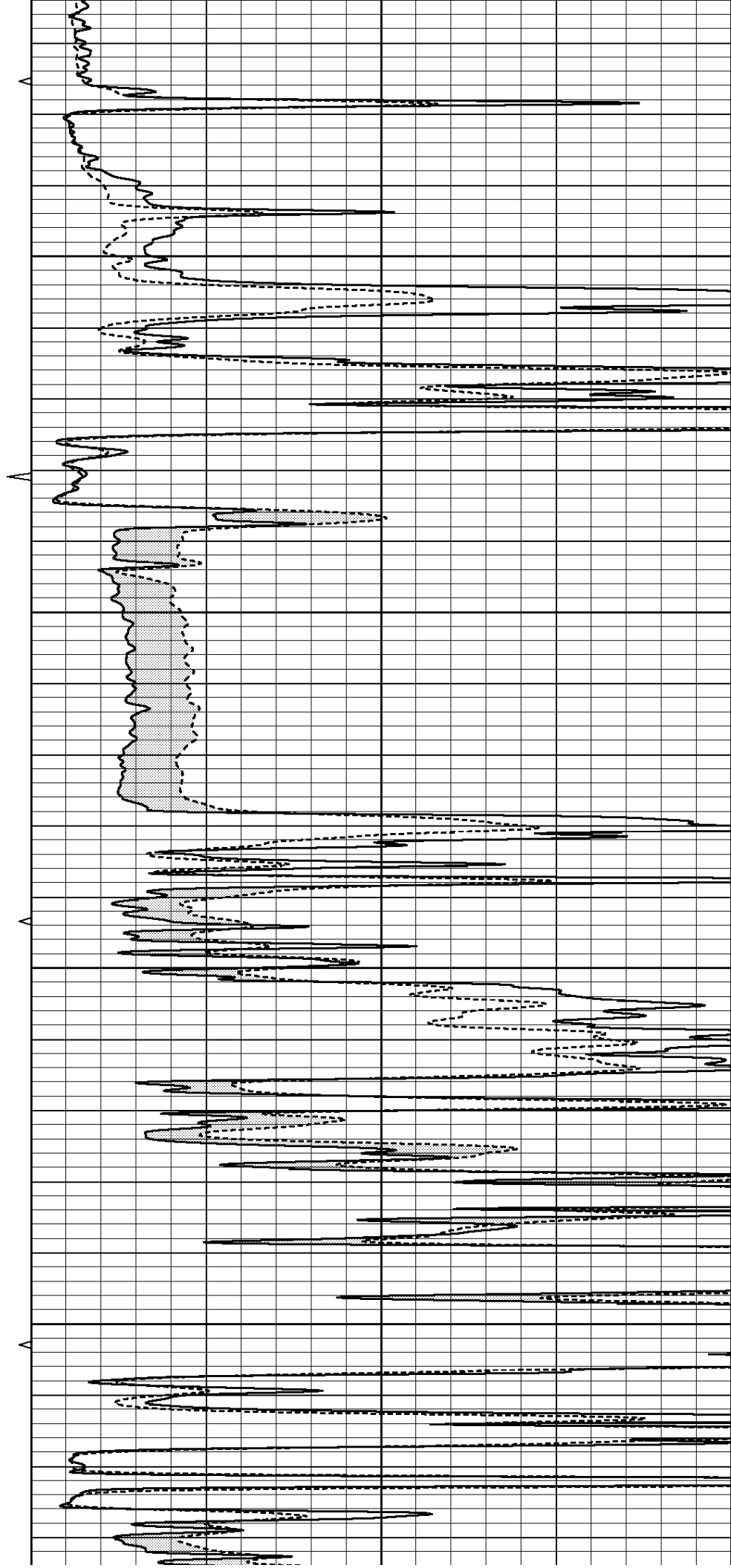


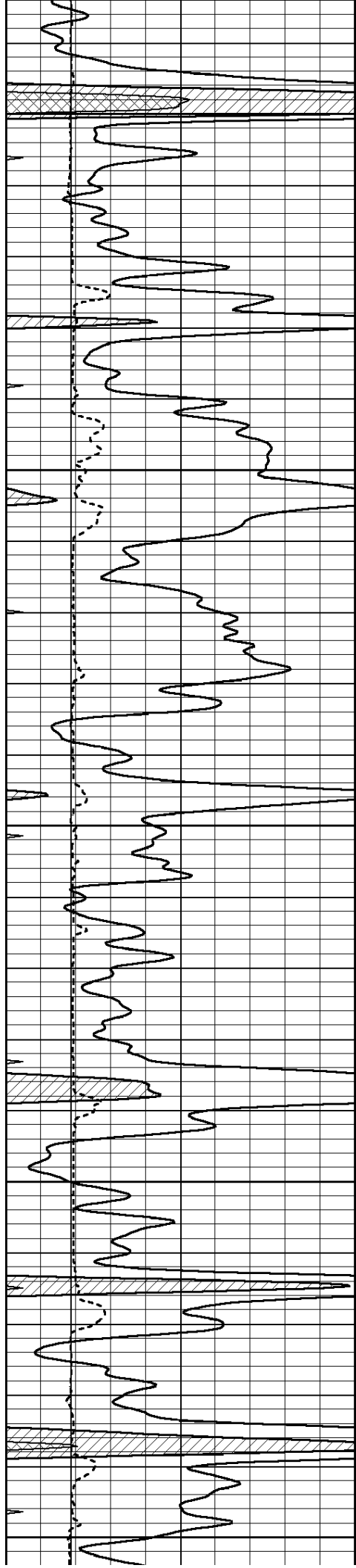
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4400

4450

4500





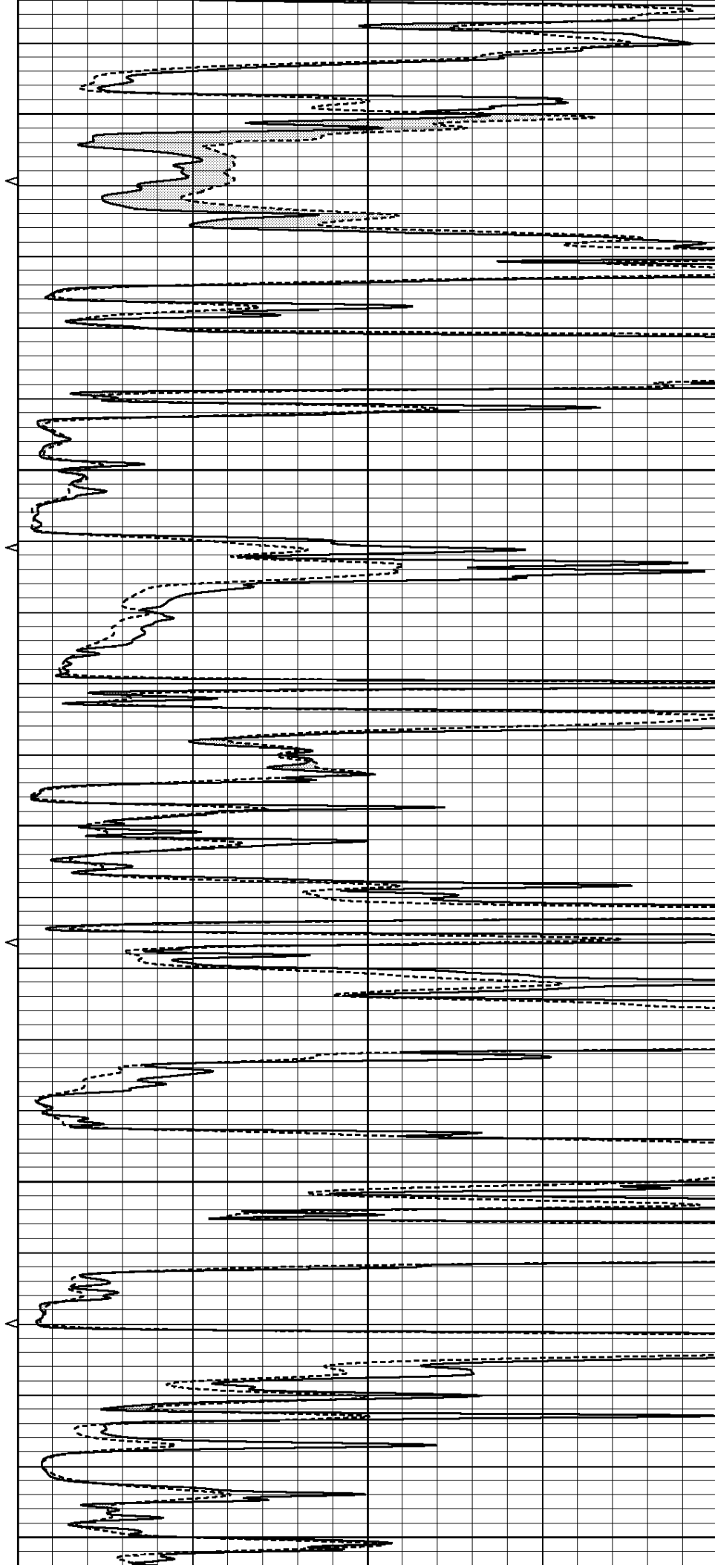
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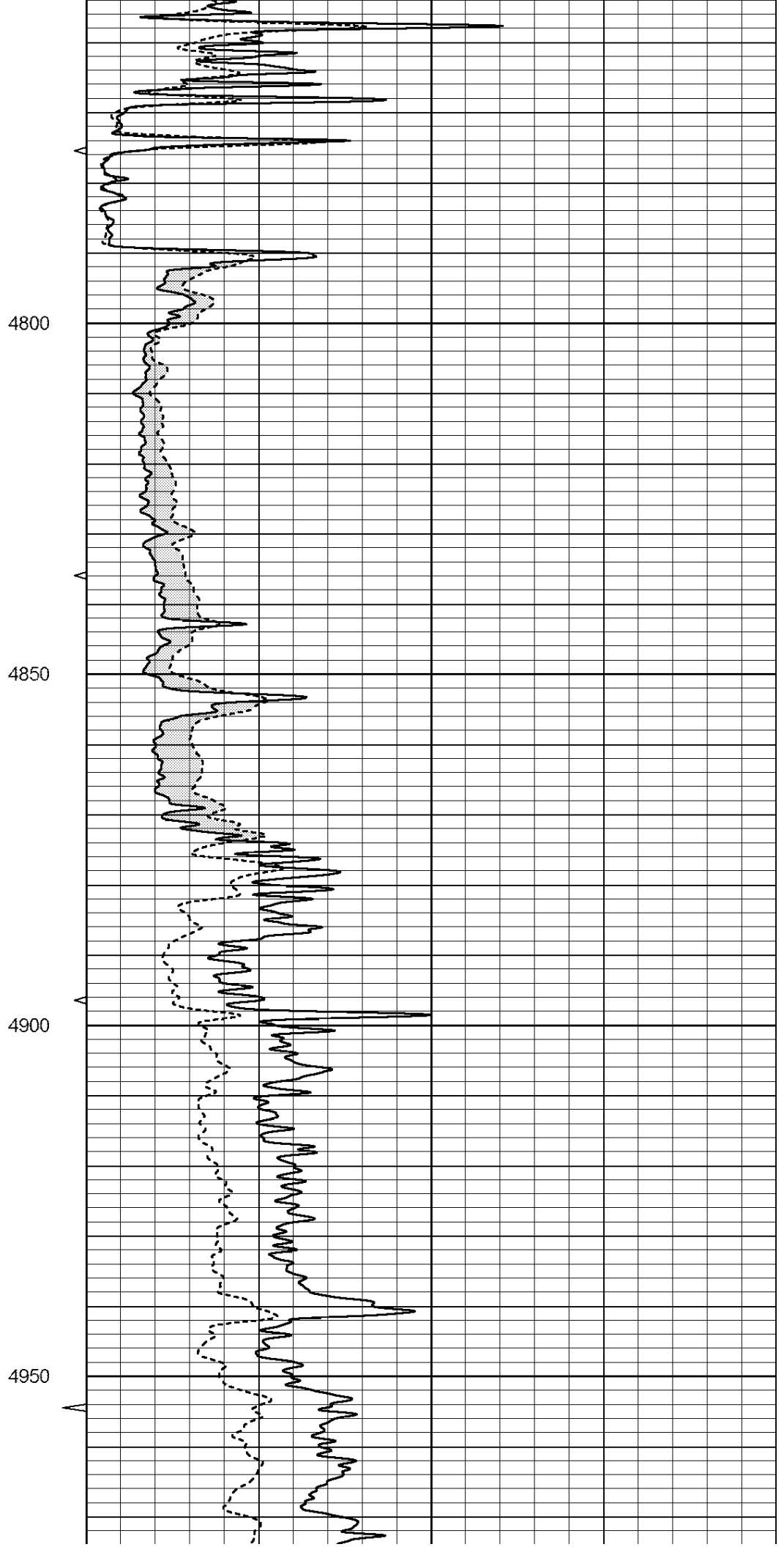
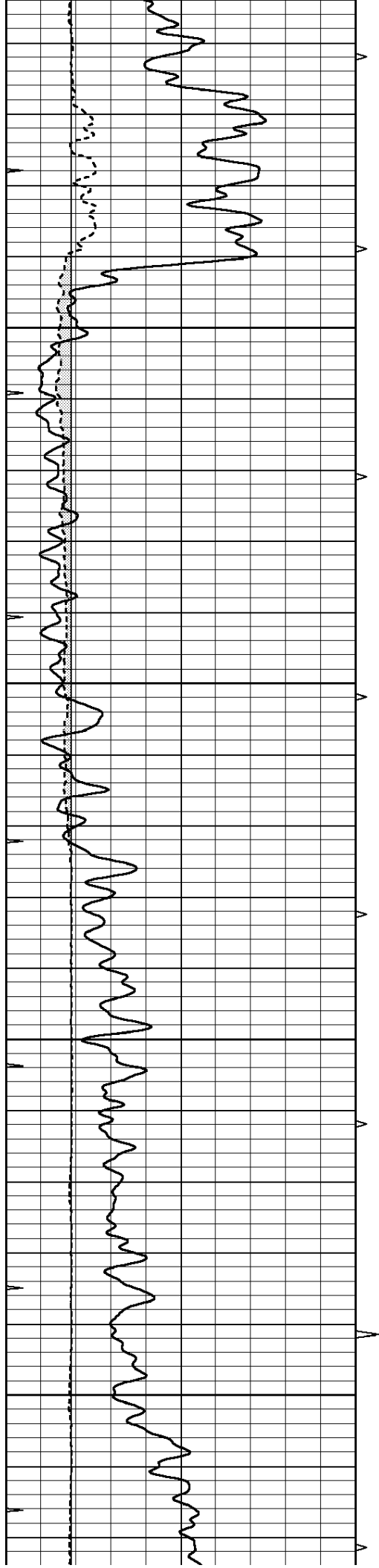
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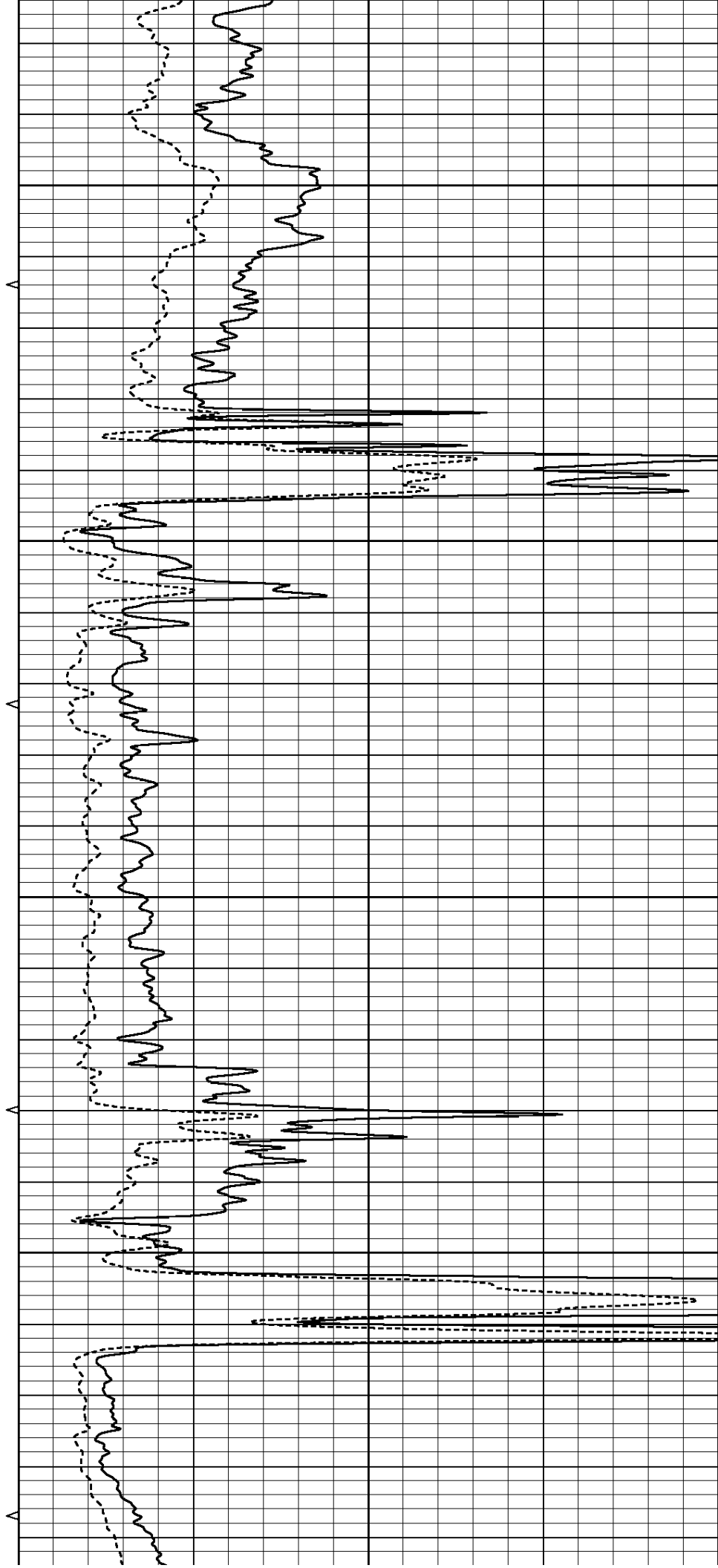
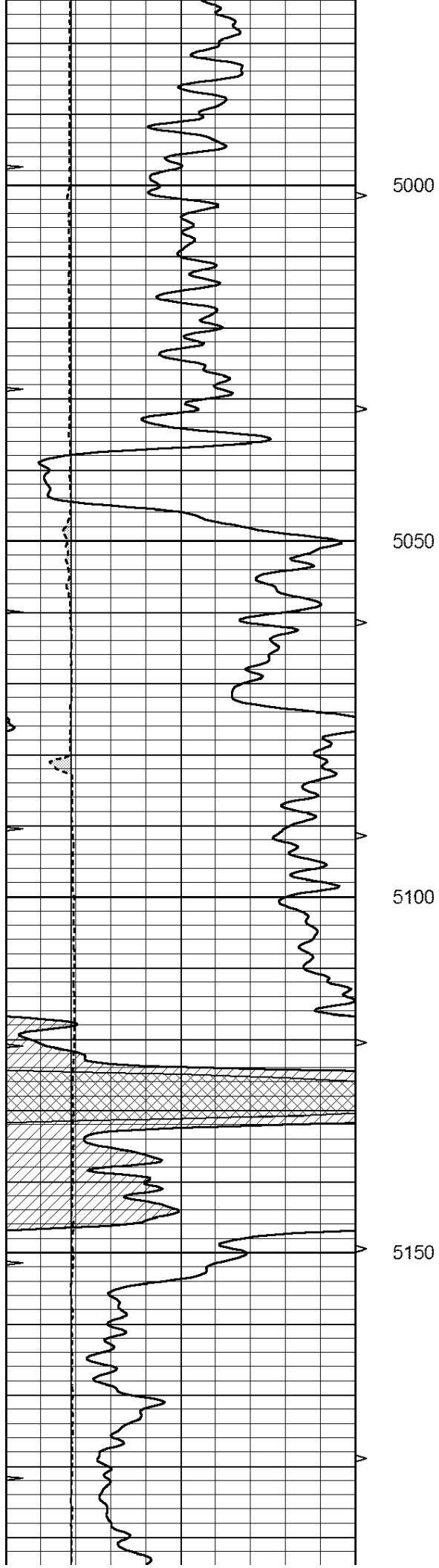
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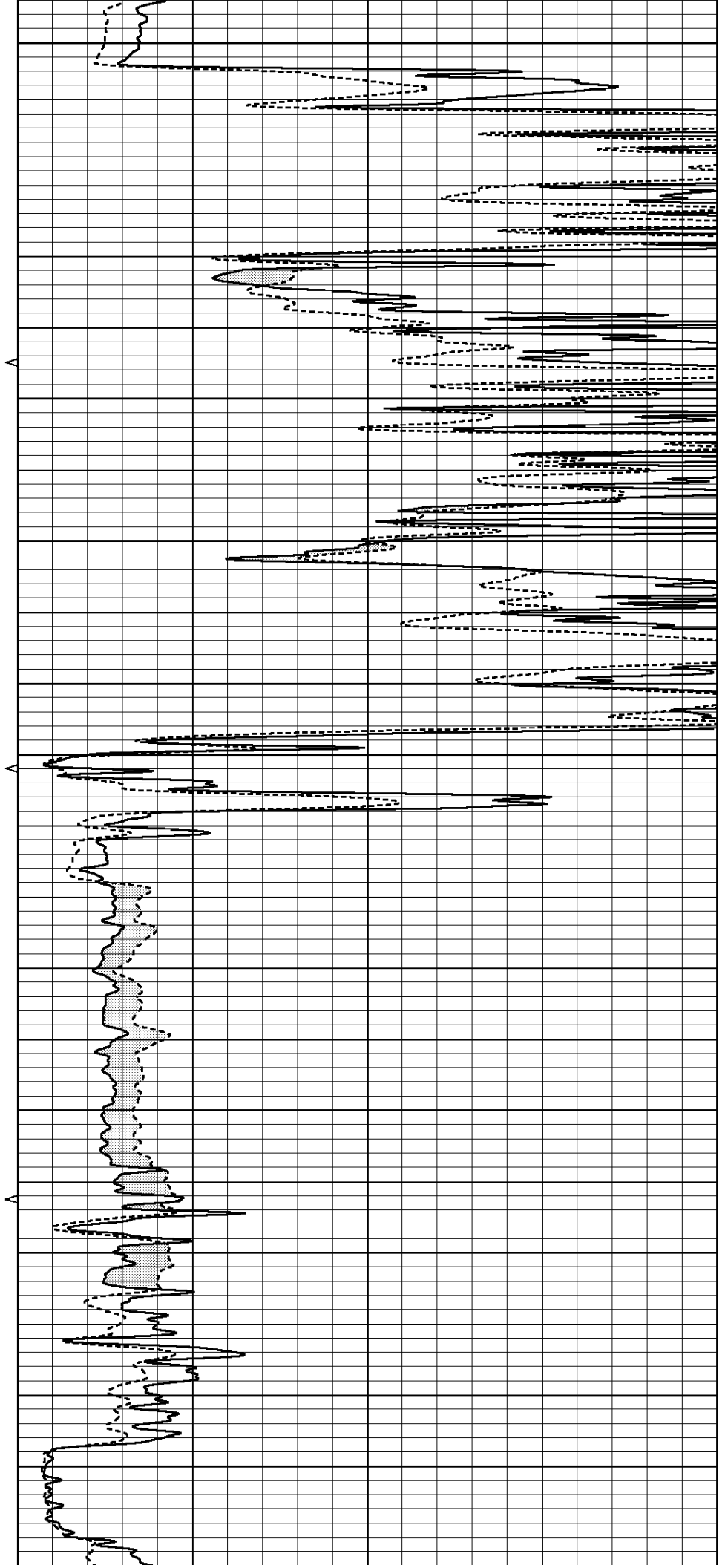
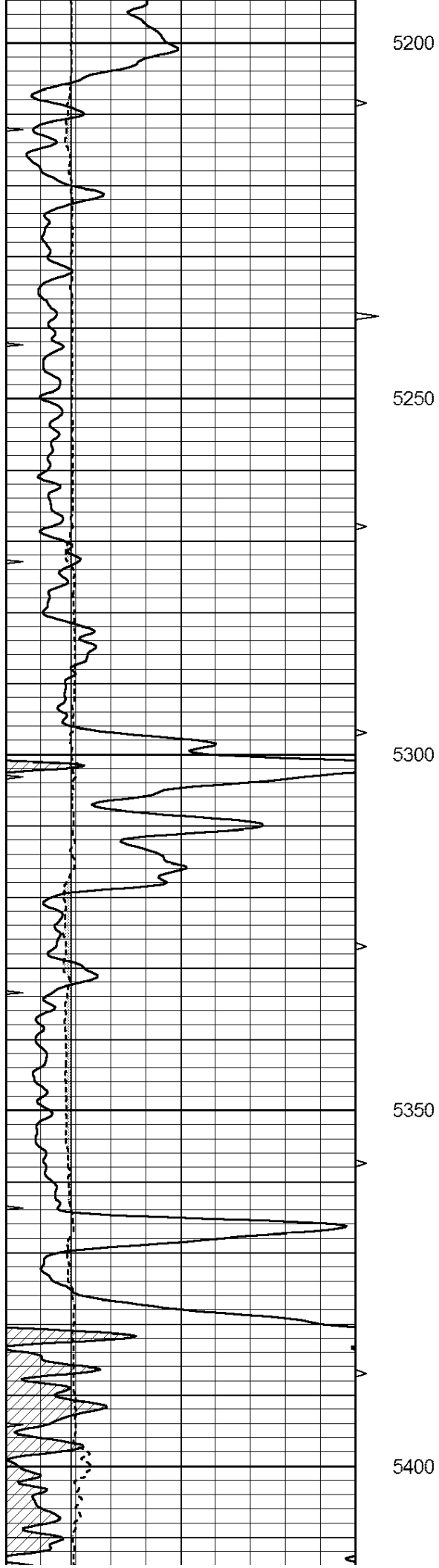
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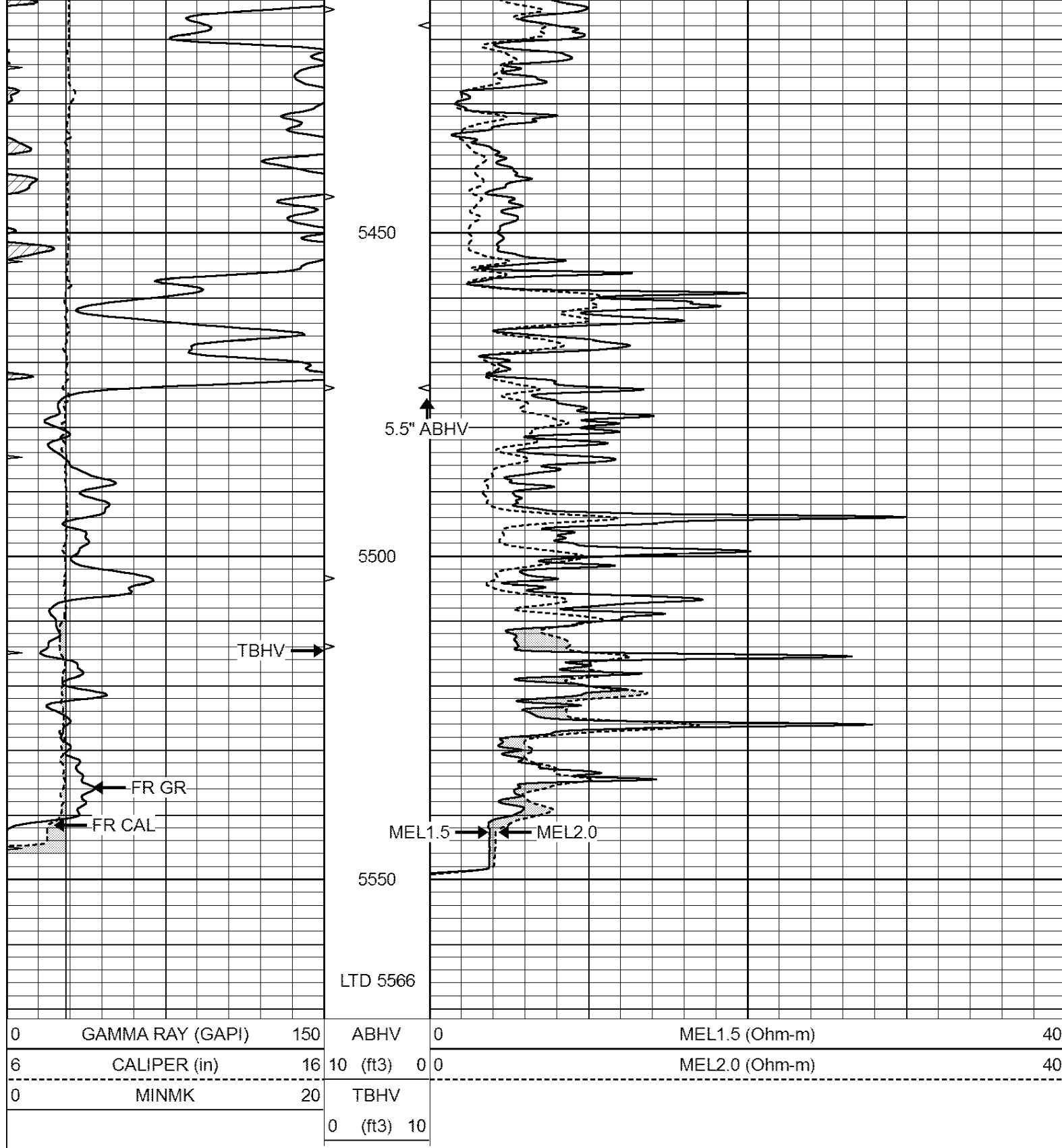
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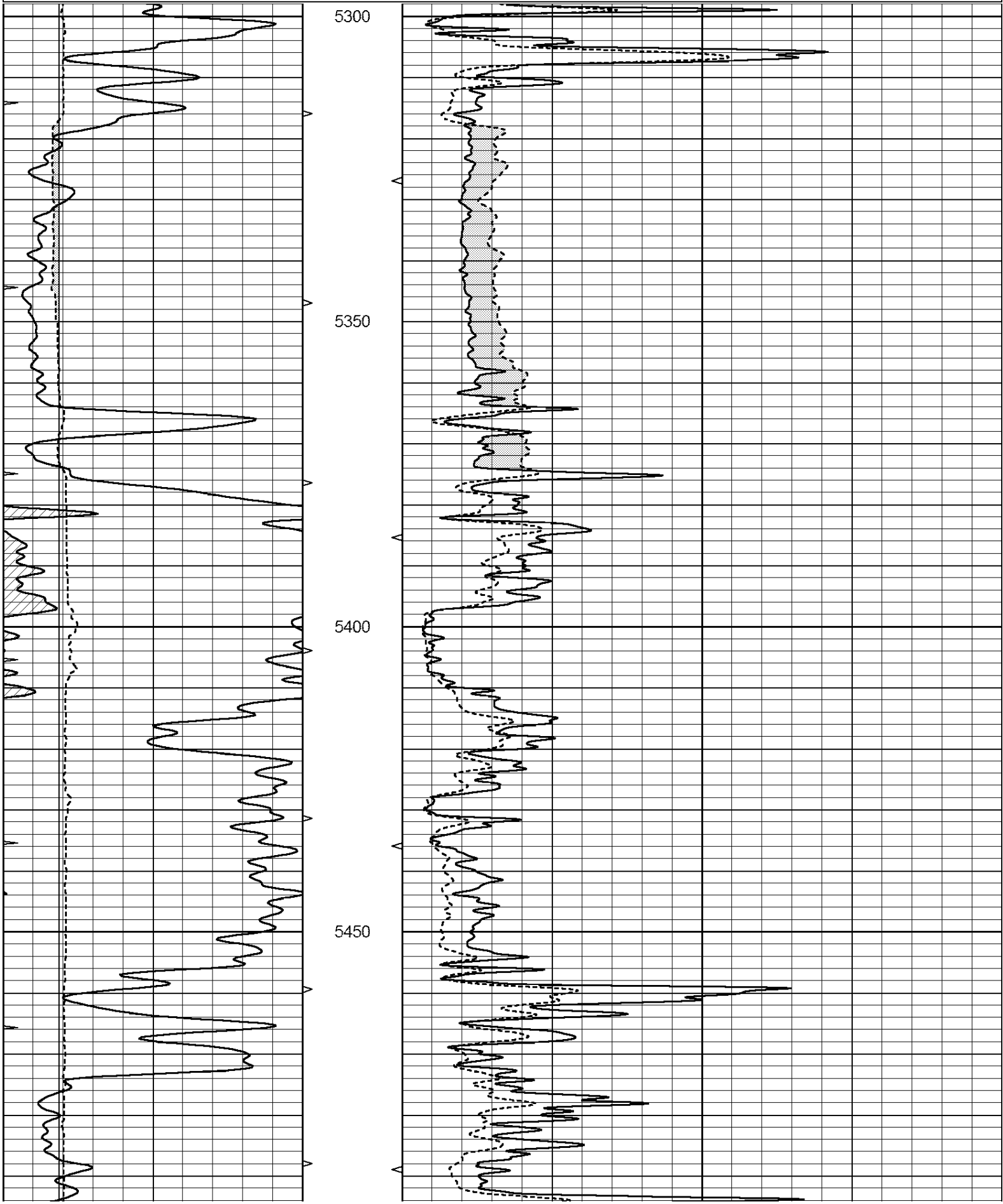


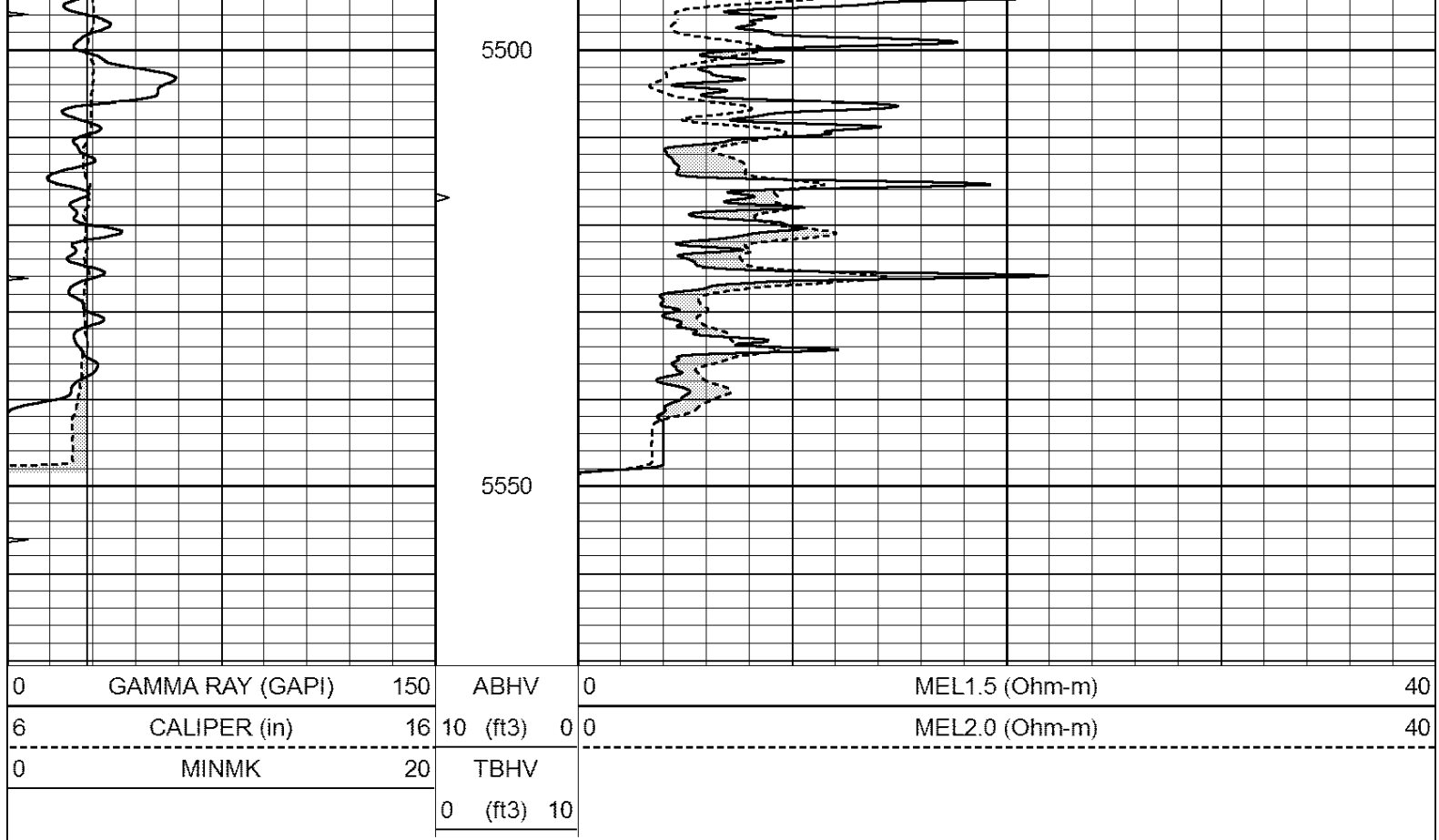
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REPEAT SECTION

Database File: 007456pe.db
 Dataset Pathname: pass5.2
 Presentation Format: micro
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 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
0	MINMK	20	TBHV			
			0 (ft3)	10		





Calibration Report

Database File: 007456pe.db
 Dataset Pathname: pass6.3
 Dataset Creation: Wed Sep 28 11:13:53 2011

MICRO Calibration Report

Serial Number:	MICRO5	
Tool Model:	PROBE	
Performed:	Wed Sep 28 09:22:41 2011	
Caliper Calibration:	Gain=5.272	Offset=-28.898
References	Low Cal	High Cal
Readings	8.700	16.000
	7.132	8.517
1.5" Calibration:	Gain=30.000	Offset=-0.600
References	Low Cal	High Cal
Readings	0.000	20.000
	0.009	0.990
2" Calibration:	Gain=45.000	Offset=-1.000
References	Low Cal	High Cal
Readings	0.000	20.000
	0.000	0.929

Gamma Ray Calibration Report

Serial Number:	GR3	
Tool Model:	OPEN	
Performed:	Wed Sep 28 10:03:09 2011	
Calibrator Value:	200.0	GAPI

Background Reading:	3.0	cps
Calibrator Reading:	186.0	cps
Sensitivity:	2.2000	GAPI/cps