



SUPERIOR
Hays,
Kansas

MICRO
LOG
(TIGHT HOLE)

Company NEW GULF OPERATING, LLC.
Well LAURA #1
Field WILDCAT
County LOGAN
State KANSAS

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Location: API # : 15-109-20982-0000
883' FNL & 1716' FEL
SEC 31 TWP 11S RGE 32W
Permanent Datum GROUND LEVEL Elevation 3087
Log Measured From KELLY BUSHING 8' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
CDL/CNL/PE
DIL/SONIC
Elevation
K.B. 3095
D.F. 3093
G.L. 3087

Date	2/25/11
Run Number	TWO
Depth Driller	4780
Depth Logger	4781
Bottom Logged Interval	4758
Top Log Interval	3600
Casing Driller	8 5/8"@265'
Casing Logger	264
Bit Size	7 7/8"
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.3/55
pH / Fluid Loss	10.5/7.2
Source of Sample	FLOWLINE
Rim @ Meas. Temp	1.10@78F
Rmf @ Meas. Temp	.825@78F
Rmc @ Meas. Temp	1.32@78F
Source of Rmf / Rmc	MEASUREMENT
Rim @ BHT	.698@123F
Time Circulation Stopped	5 HOURS
Time Logger on Bottom	1:15 A.M.
Maximum Recorded Temperature	123F
Equipment Number	0836
Location	HAYS, KANSAS
Recorded By	JEFF LUEBBERS
Witnessed By	CURTIS COVERY

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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
OAKLEY, KS. (JUNTION OF OLD 40 & HWY 83) 4S.ON HWY 83 TO "APACHE ACRE RD.", 3 1/4W., S. INTO

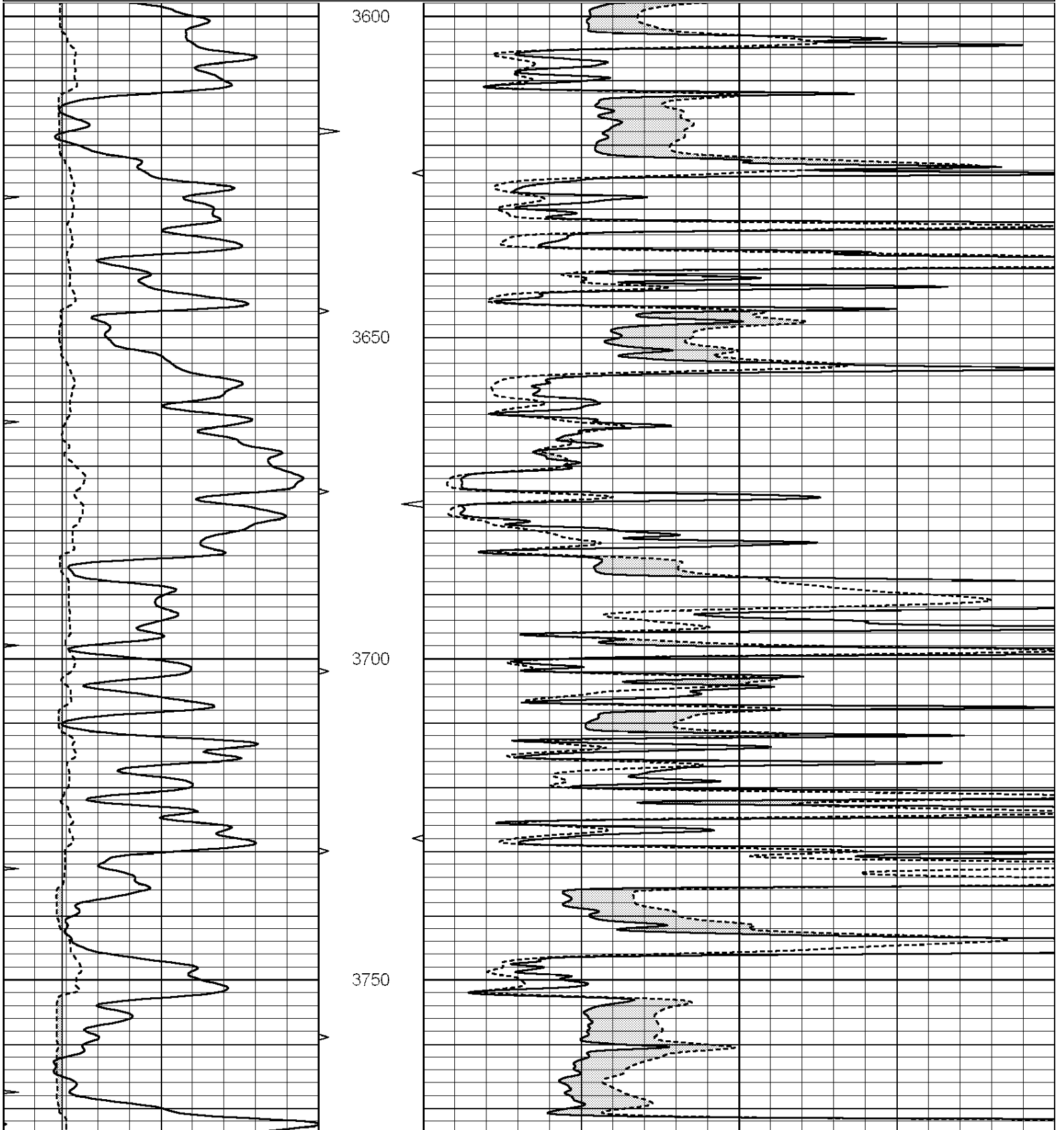


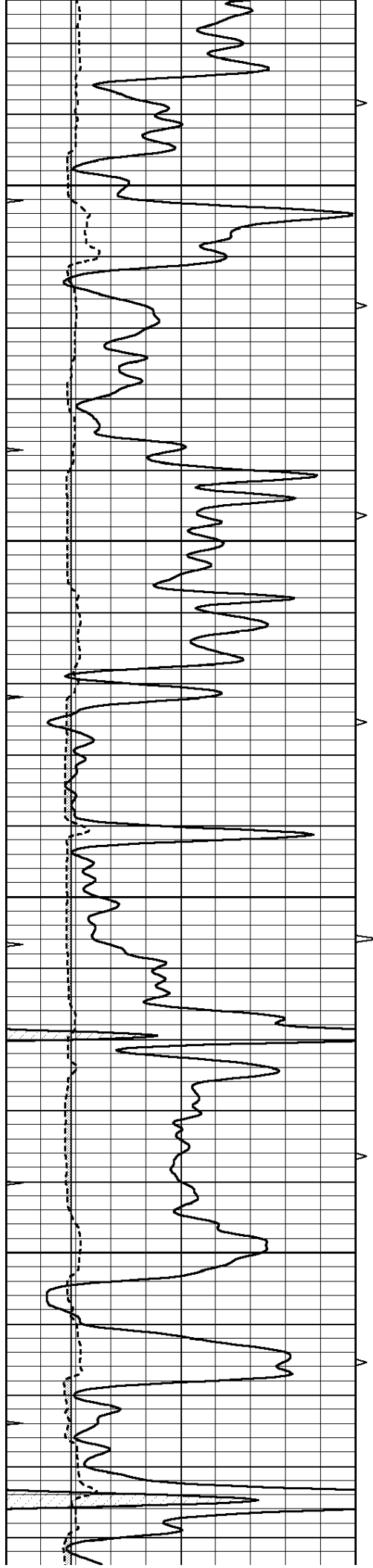
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MAIN SECTION

Database File: 006298pe.db
 Dataset Pathname: pass6.1
 Presentation Format: micro
 Dataset Creation: Fri Feb 25 04:46:07 2011 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
0	MINMK	20	TBHV			
			0 (ft3)	10		



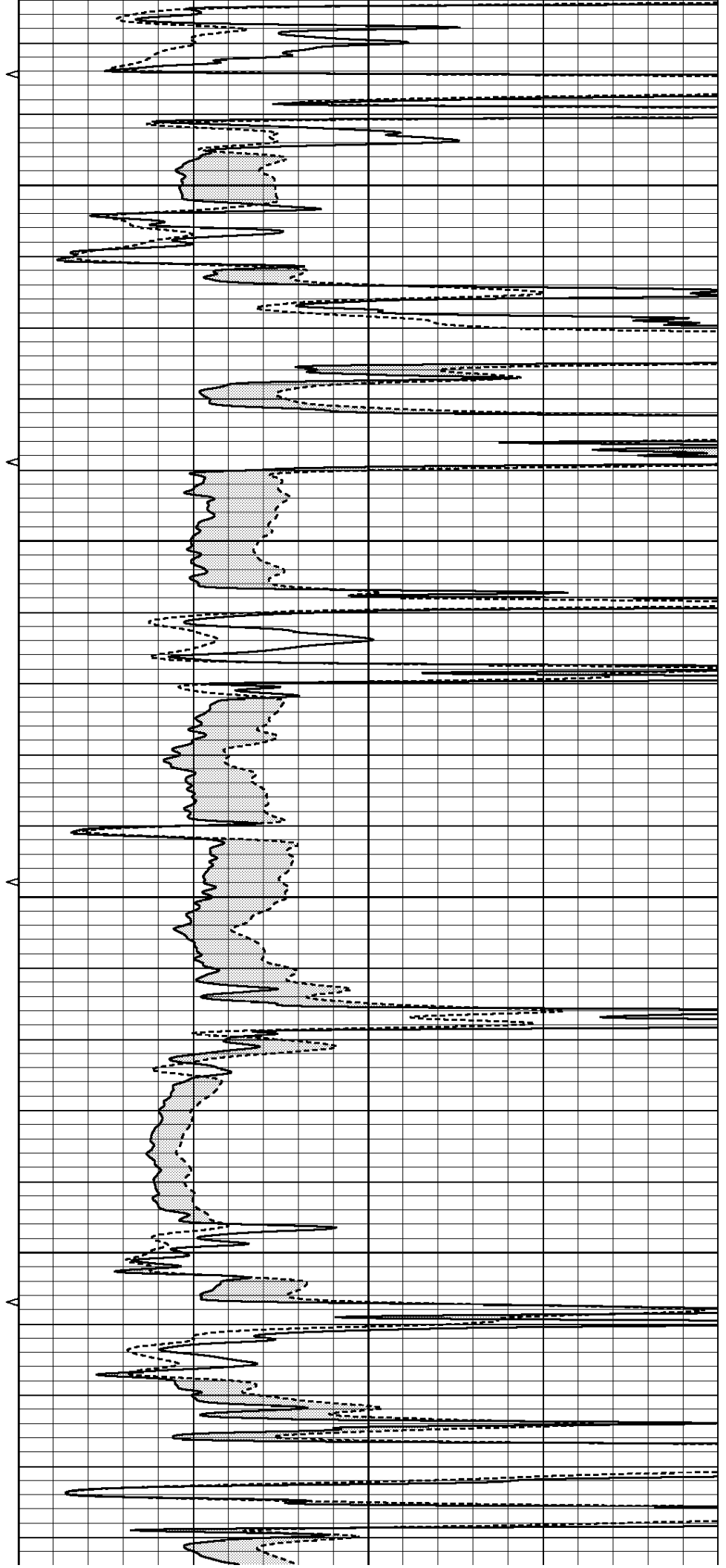


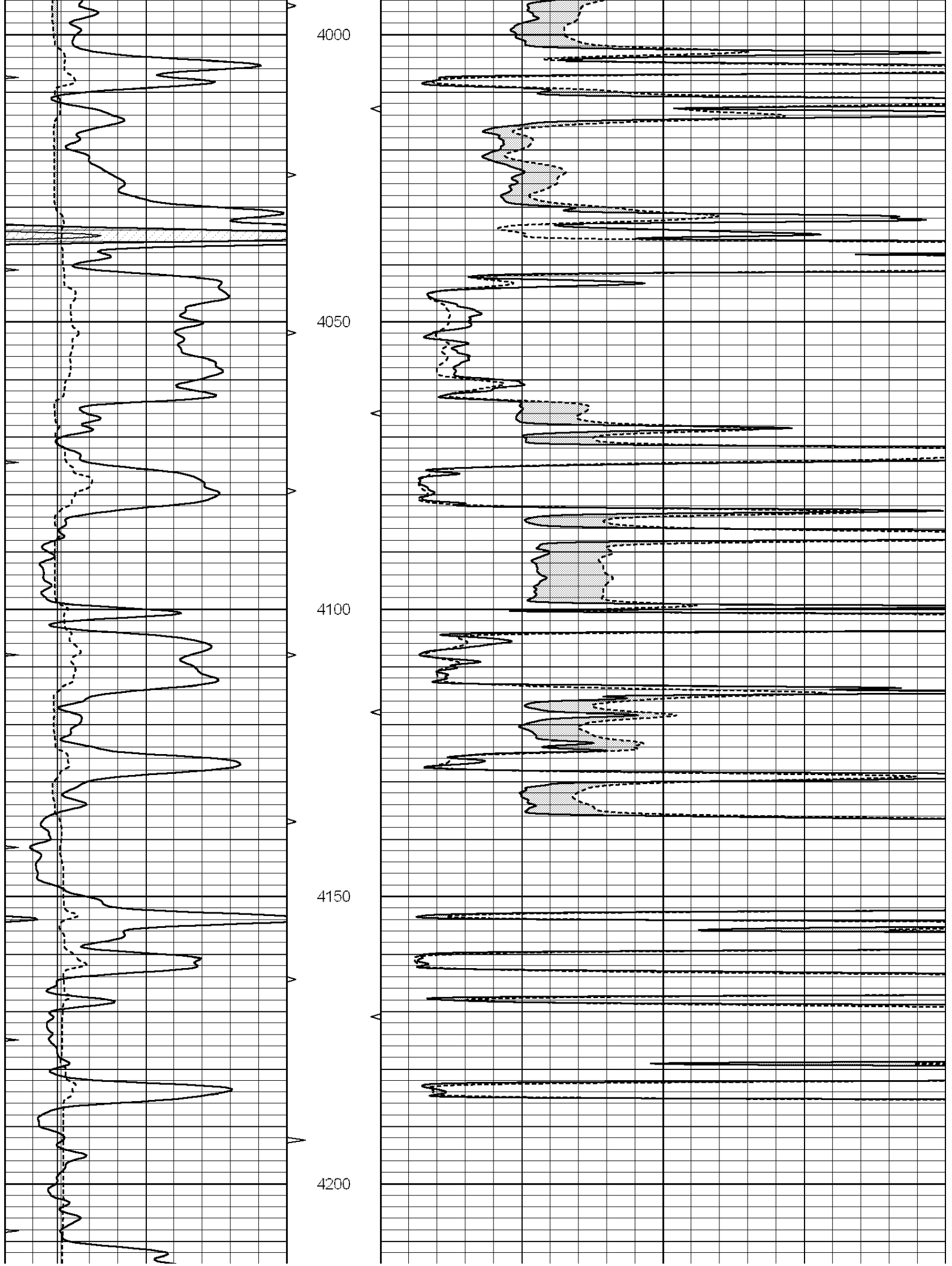
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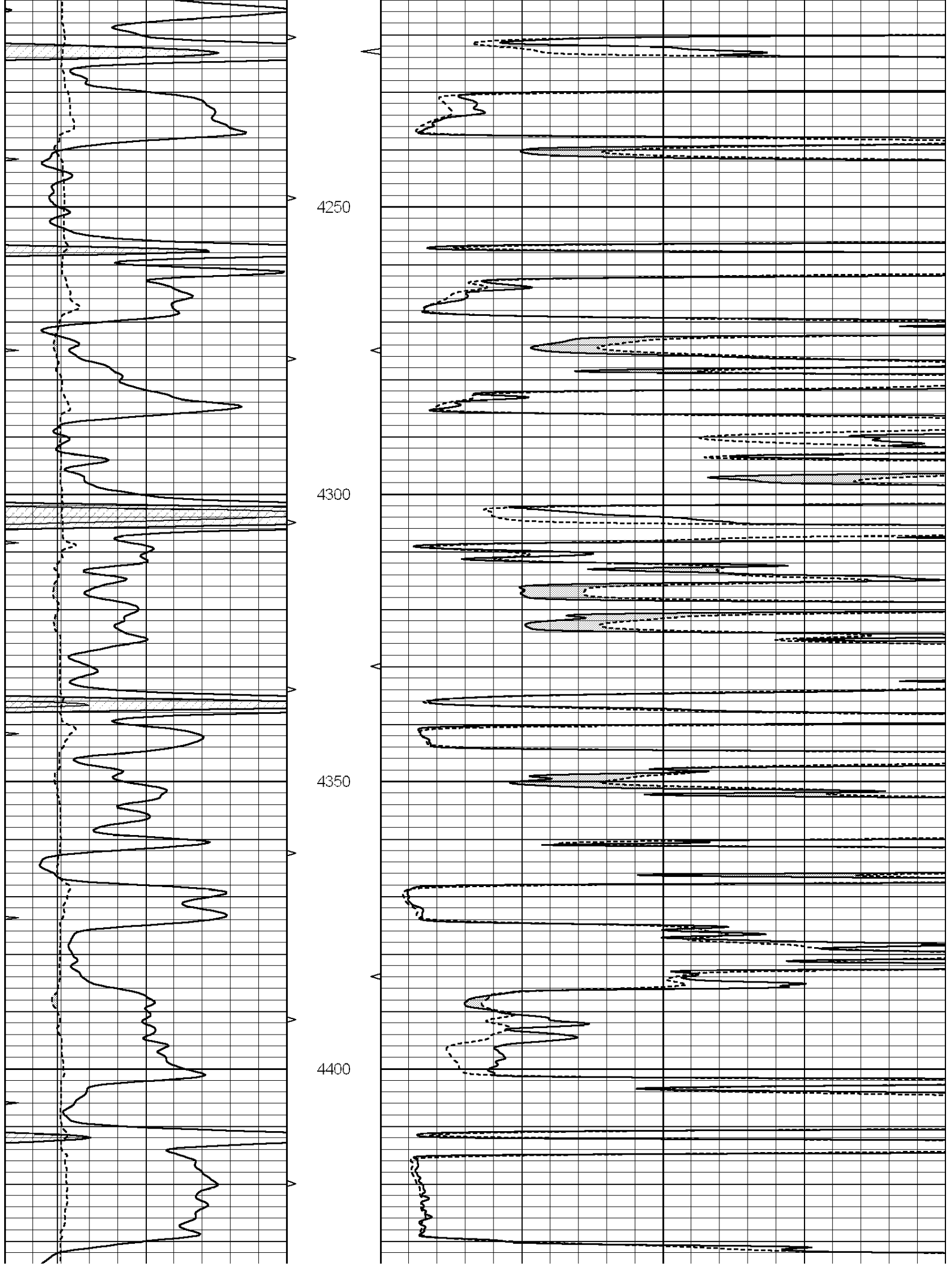
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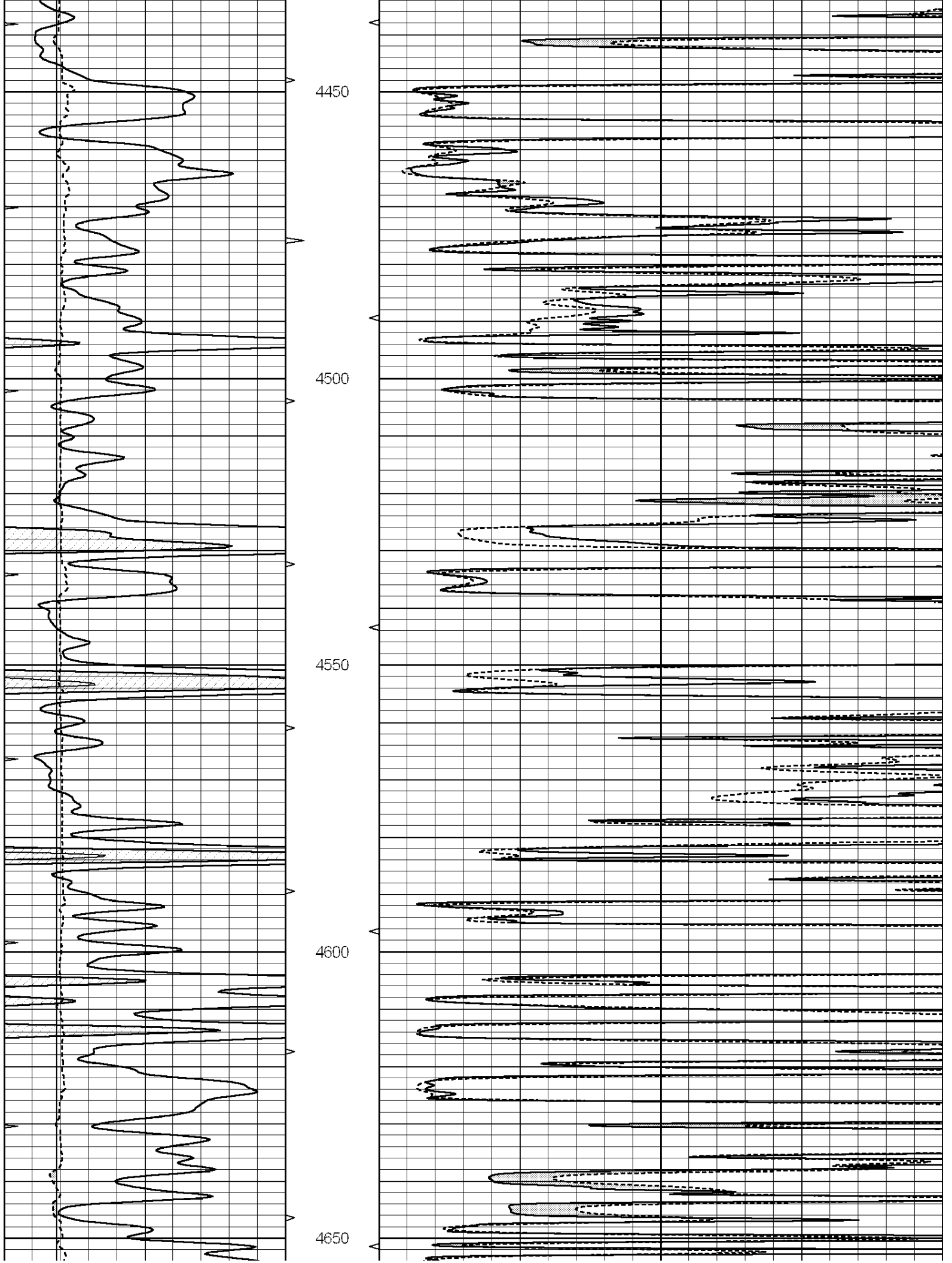
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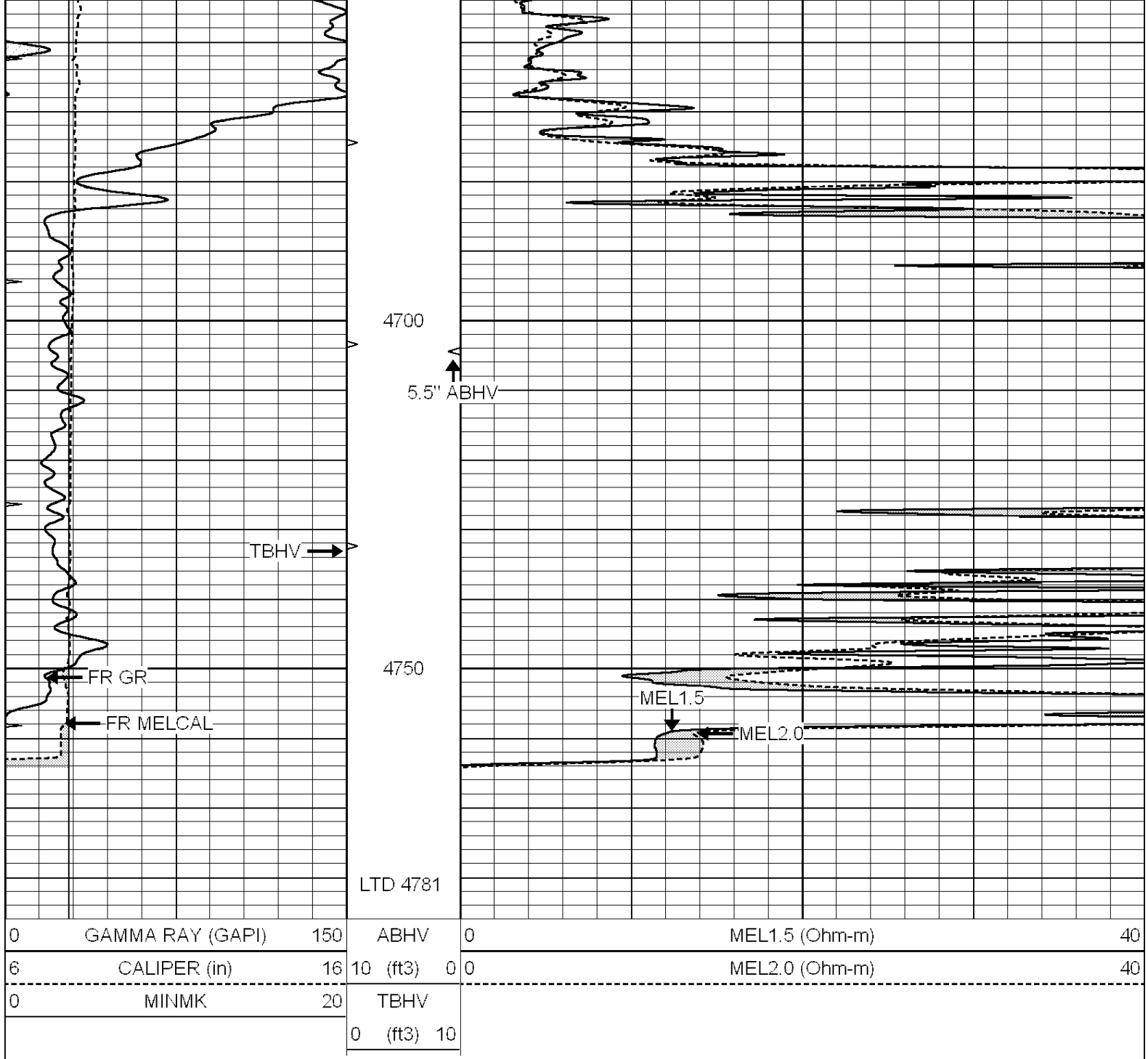
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0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0 0	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		

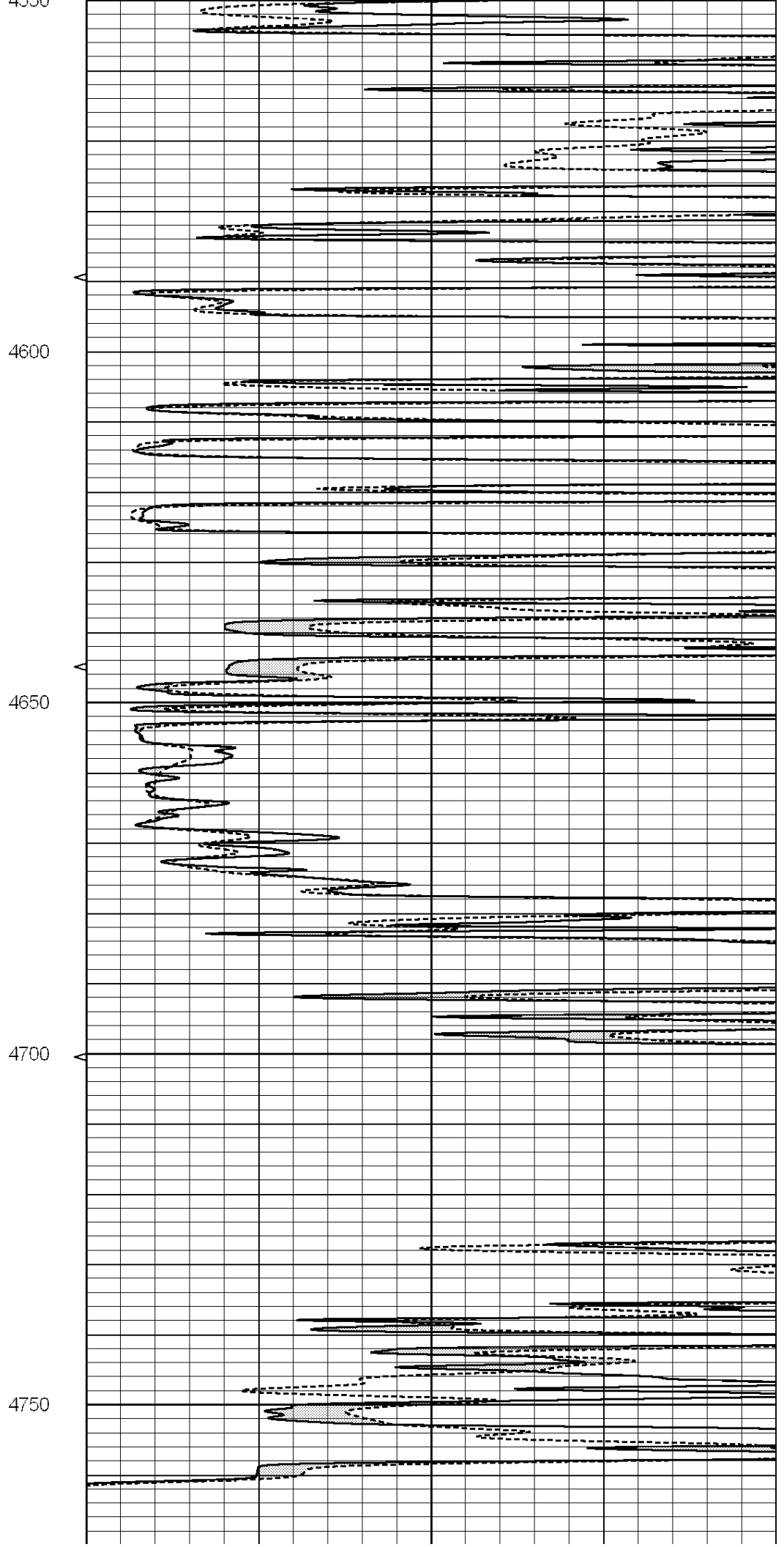
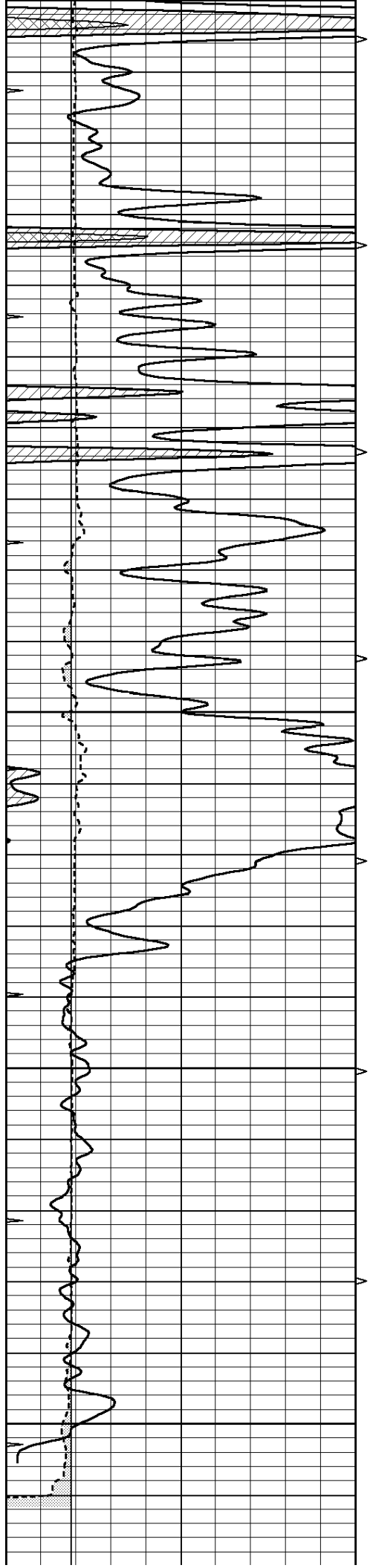


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REPEAT SECTION

Database File: 006298pe.db
 Dataset Pathname: pass5.4
 Presentation Format: micro
 Dataset Creation: Fri Feb 25 04:26:56 2011 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
0	MINMK	20	TBHV			
			0 (ft3)	10		



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: 006298pe.db
Dataset Pathname: pass6.1
Dataset Creation: Fri Feb 25 04:46:07 2011 by Calc Open-Cased 090629

MICRO Calibration Report

Serial Number: MICRO5
Tool Model: PROBE
Performed: Fri Feb 25 03:15:26 2011

Caliper Calibration: Gain=5.773 Offset=-33.858

	Low Cal	High Cal
References	7.600	15.000
Readings	7.181	8.463

1.5" Calibration: Gain=40.000 Offset=-0.800

	Low Cal	High Cal
References	0.000	20.000
Readings	0.008	0.991

2" Calibration: Gain=52.000 Offset=-1.500

	Low Cal	High Cal
References	0.000	20.000
Readings	0.014	0.905

Gamma Ray Calibration Report

Serial Number: GR3
Tool Model: OPEN
Performed: Fri Feb 25 03:56:00 2011

Calibrator Value: 200.0 GAPI

Background Reading:	3.0	cps
Calibrator Reading:	186.0	cps

Sensitivity: 1.1000 GAPI/cps