



**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

Company SOURCE ENERGY MIDCON, LLC.
Well MILLER #5-11-24
Field WILDCAT
County SUMNER
State KANSAS

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County SUMNER State KANSAS

Location: API # : 15-191-22769-0000
958' FNL & 419' FWL
SEC 5 TWP 32S RGE 1E
Permanent Datum GROUND LEVEL Elevation 1271
Log Measured From KELLY BUSHING 10' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
CDL/CNL/PE
DIL
Elevation
K.B. 1281
D.F. 1279
G.L. 1271

Date	1/24/15		
Run Number	TWO		
Depth Driller	4037		
Depth Logger	4035		
Bottom Logged Interval	4033		
Top Log Interval	2200		
Casing Driller	8 5/8" @ 305		
Casing Logger	304		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 2000 PPM	
Density / Viscosity	9.4/52		
pH / Fluid Loss	9.5/8.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.0 @ 55F		
Rmt @ Meas. Temp	.75 @ 55F		
Rmc @ Meas. Temp	1.20 @ 55F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.48 @ 117F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	117F		
Equipment Number	4010		
Location	HAYS, KANSAS		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	ROGER MARTIN		

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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

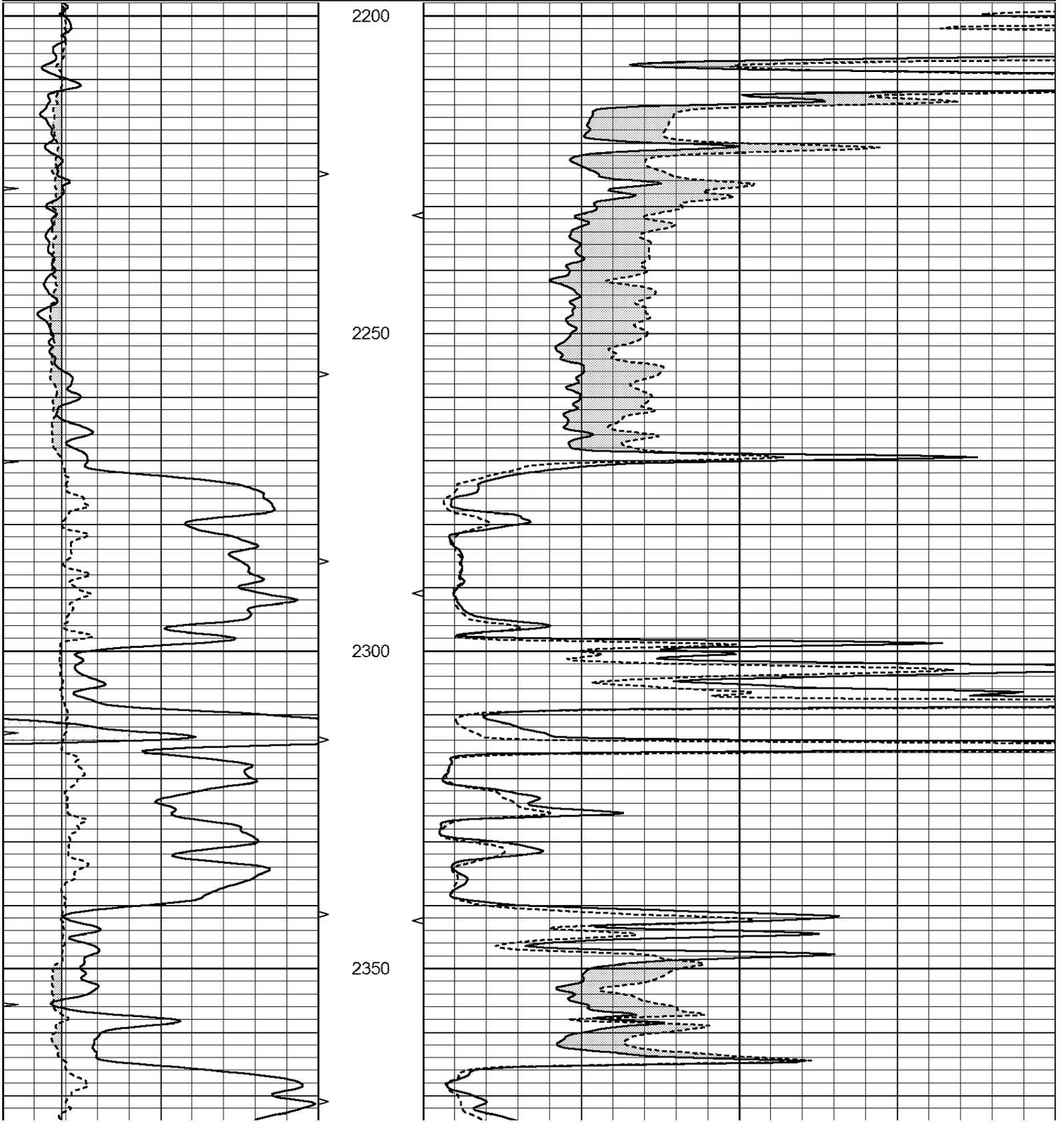
THANK YOU FOR USING NABORS, HAYS, KS. (785) 628-6395
DIRECTIONS:
WICHITA, KS. - SOUTH ON TOLLWAY TO WELLINGTON EXIT - 1/2 WEST TO SENECA RD.
1.8 MILES NORTH - EAST INTO

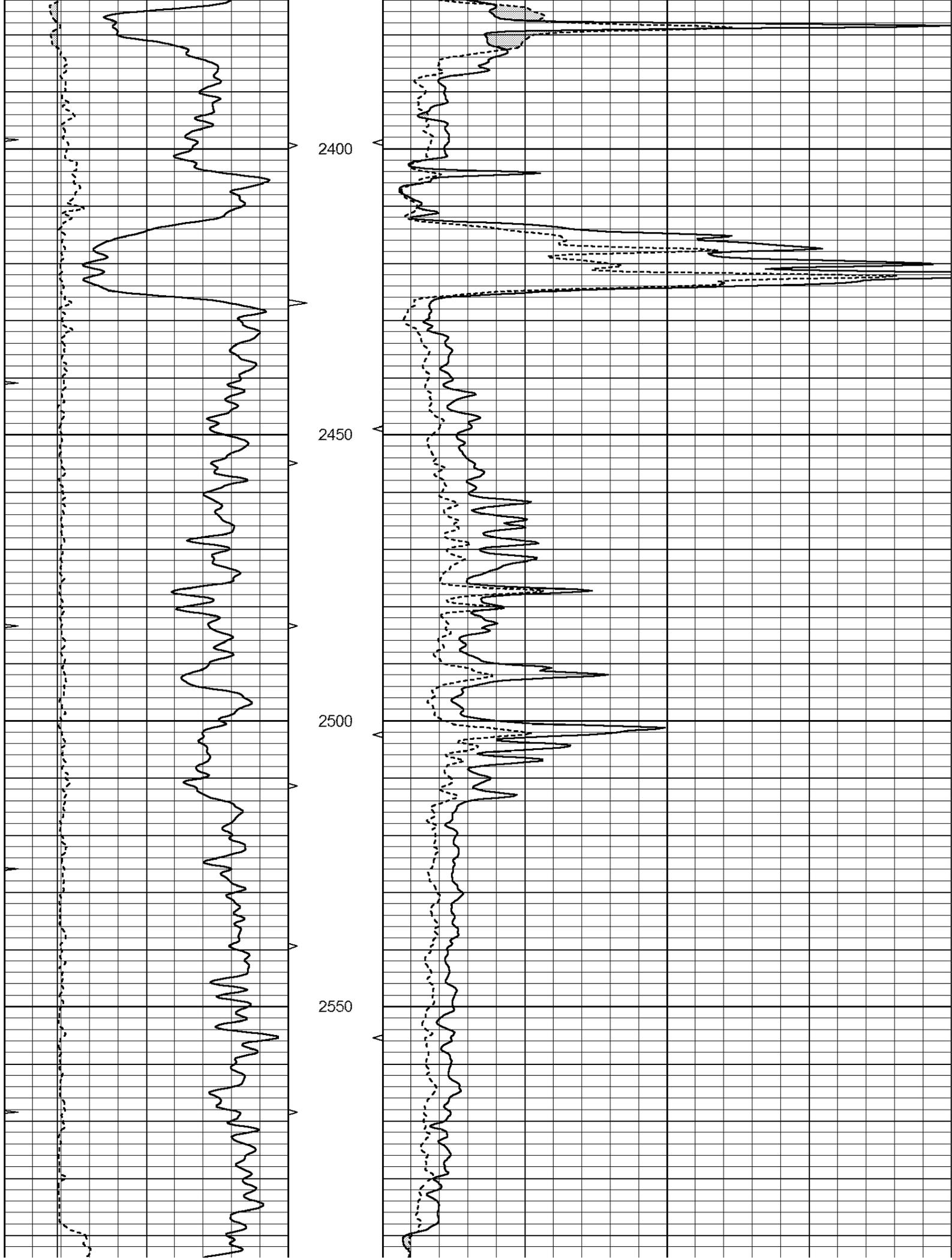


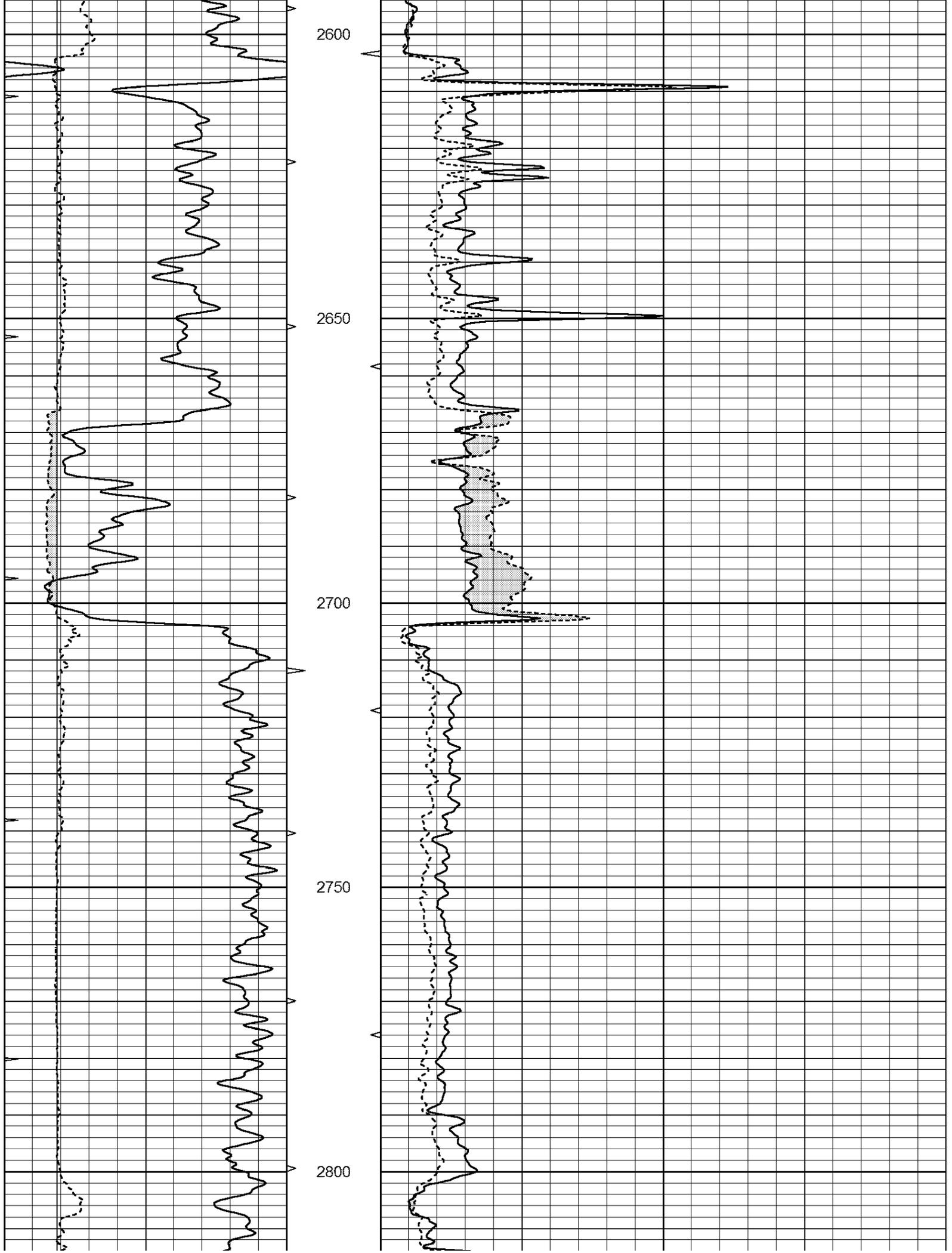
MAIN SECTION

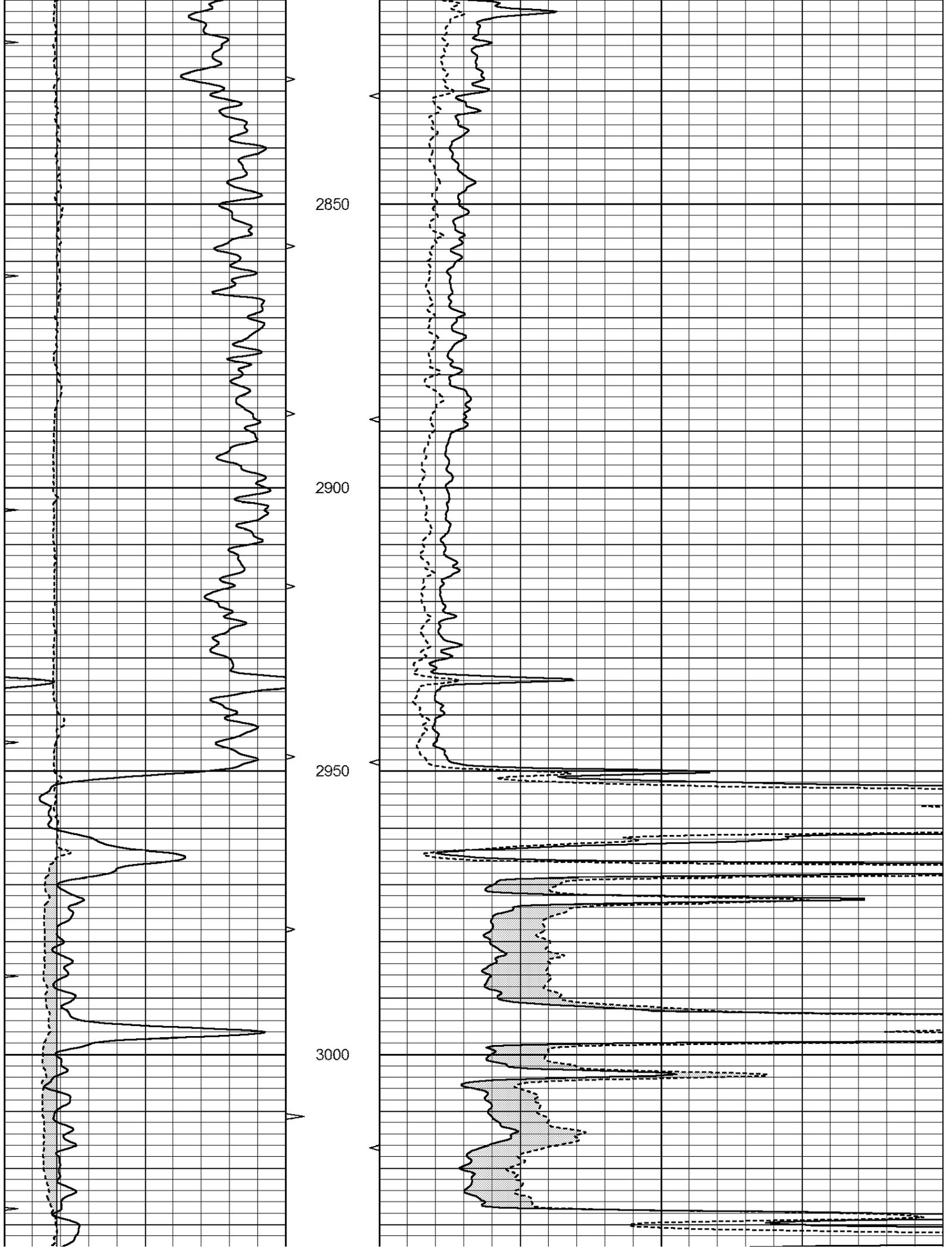
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 Charted by: Depth in Feet scaled 1:240

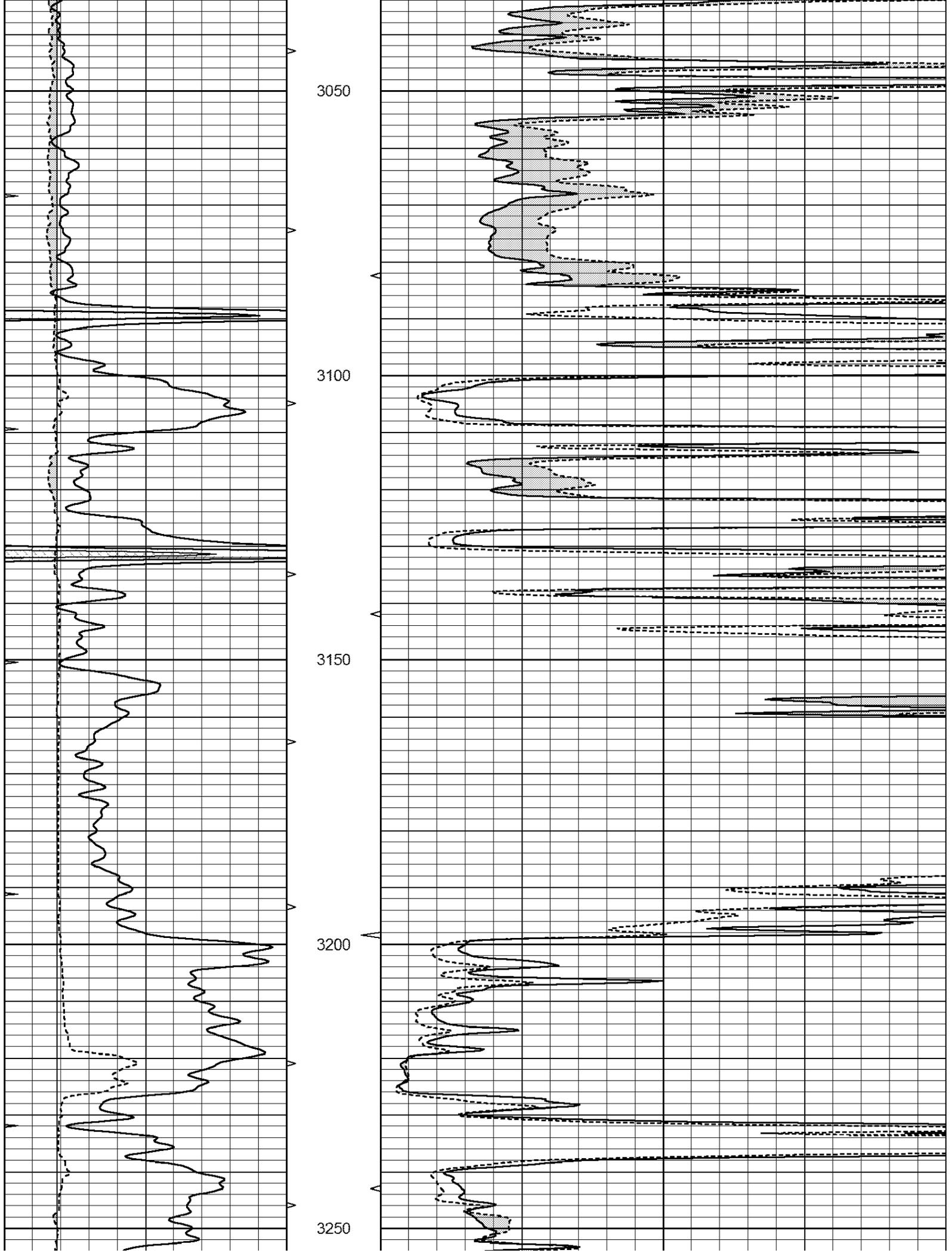
0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		

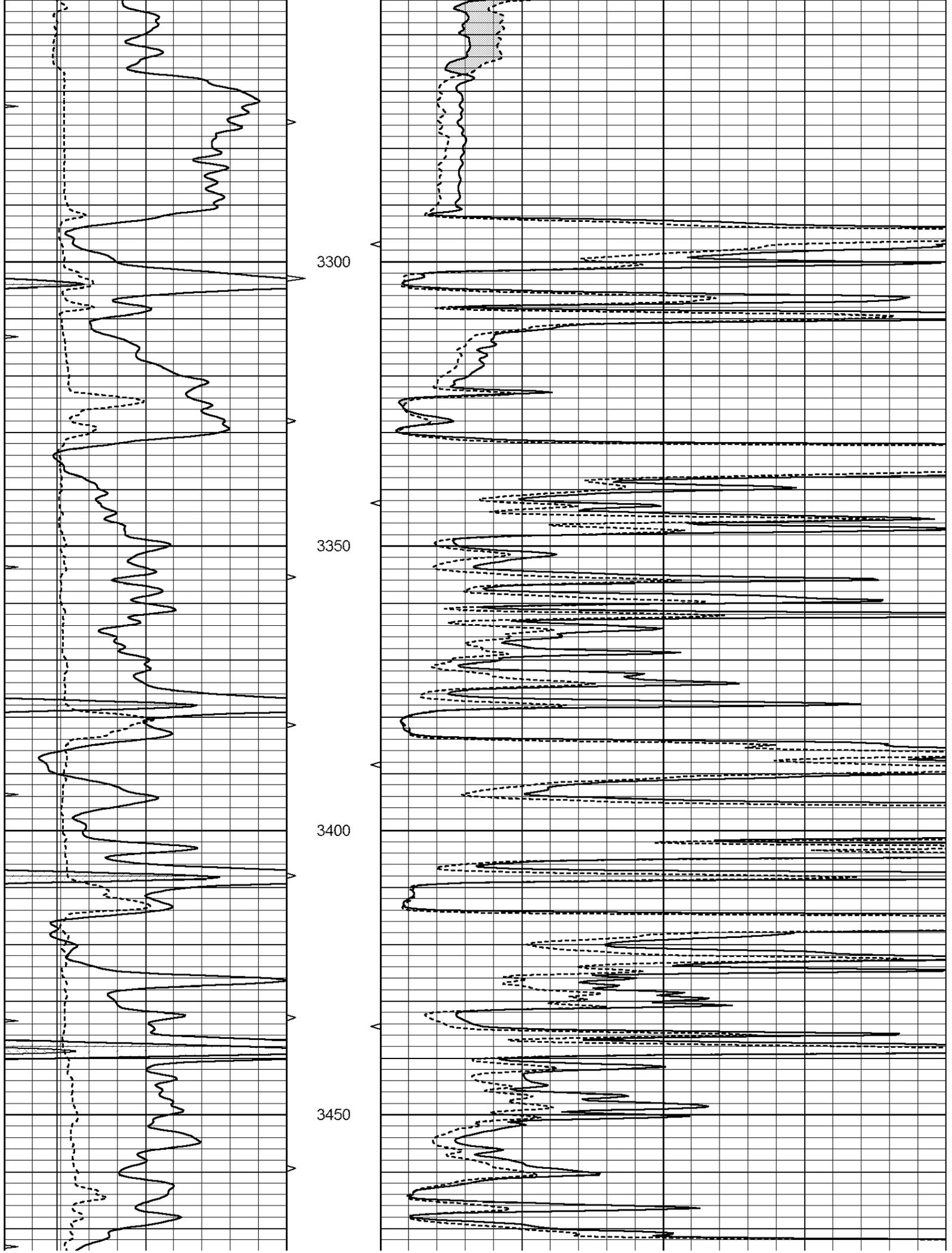


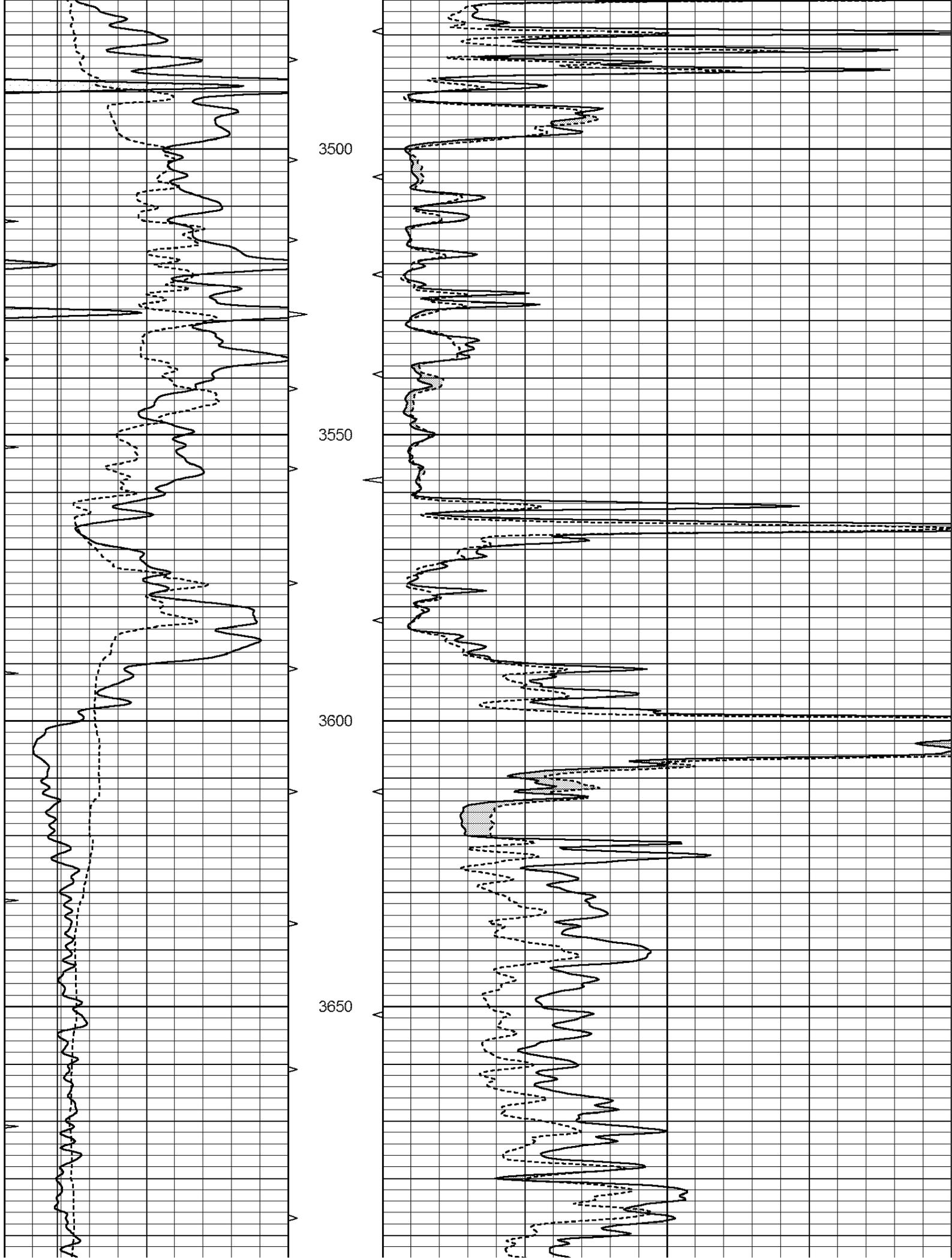


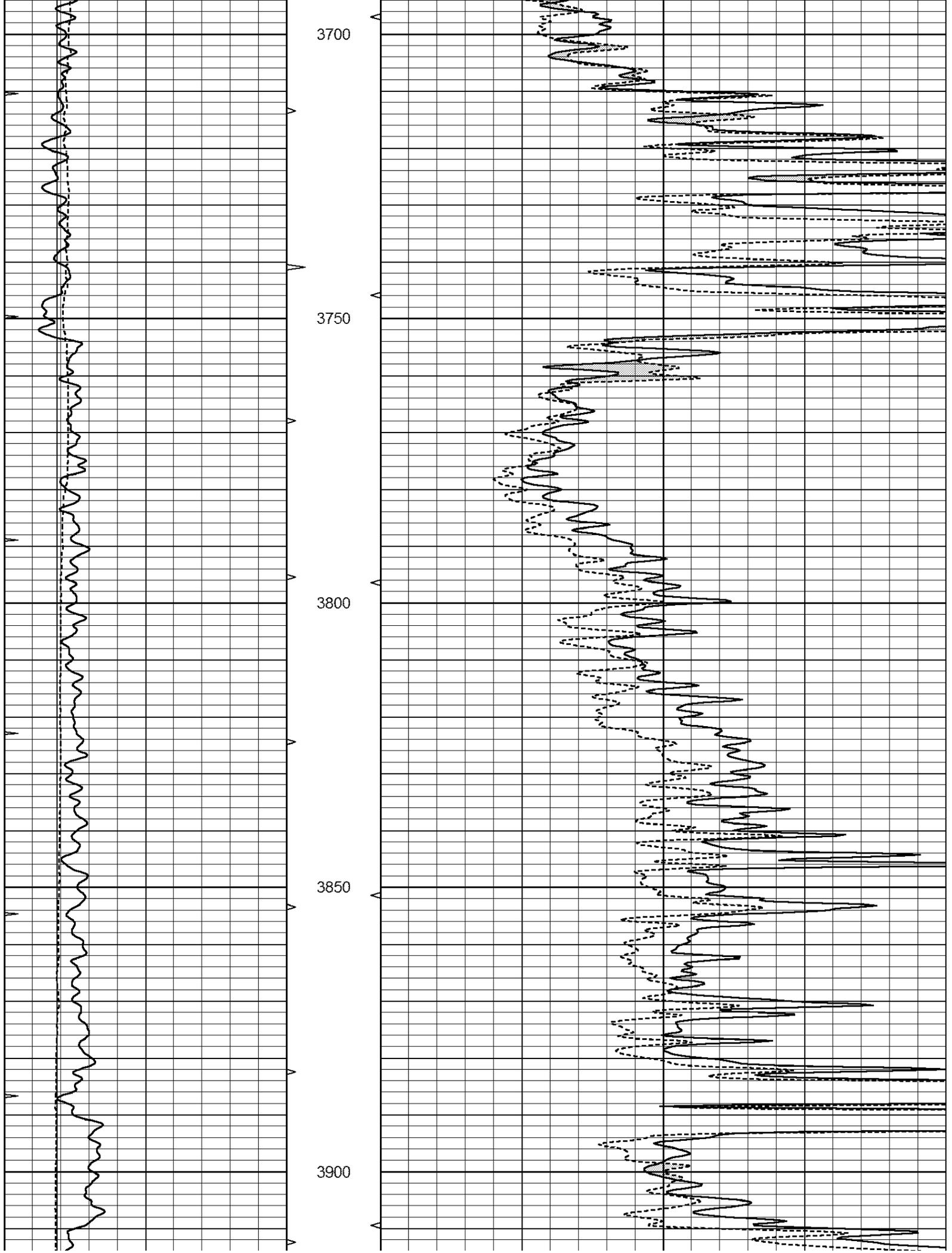


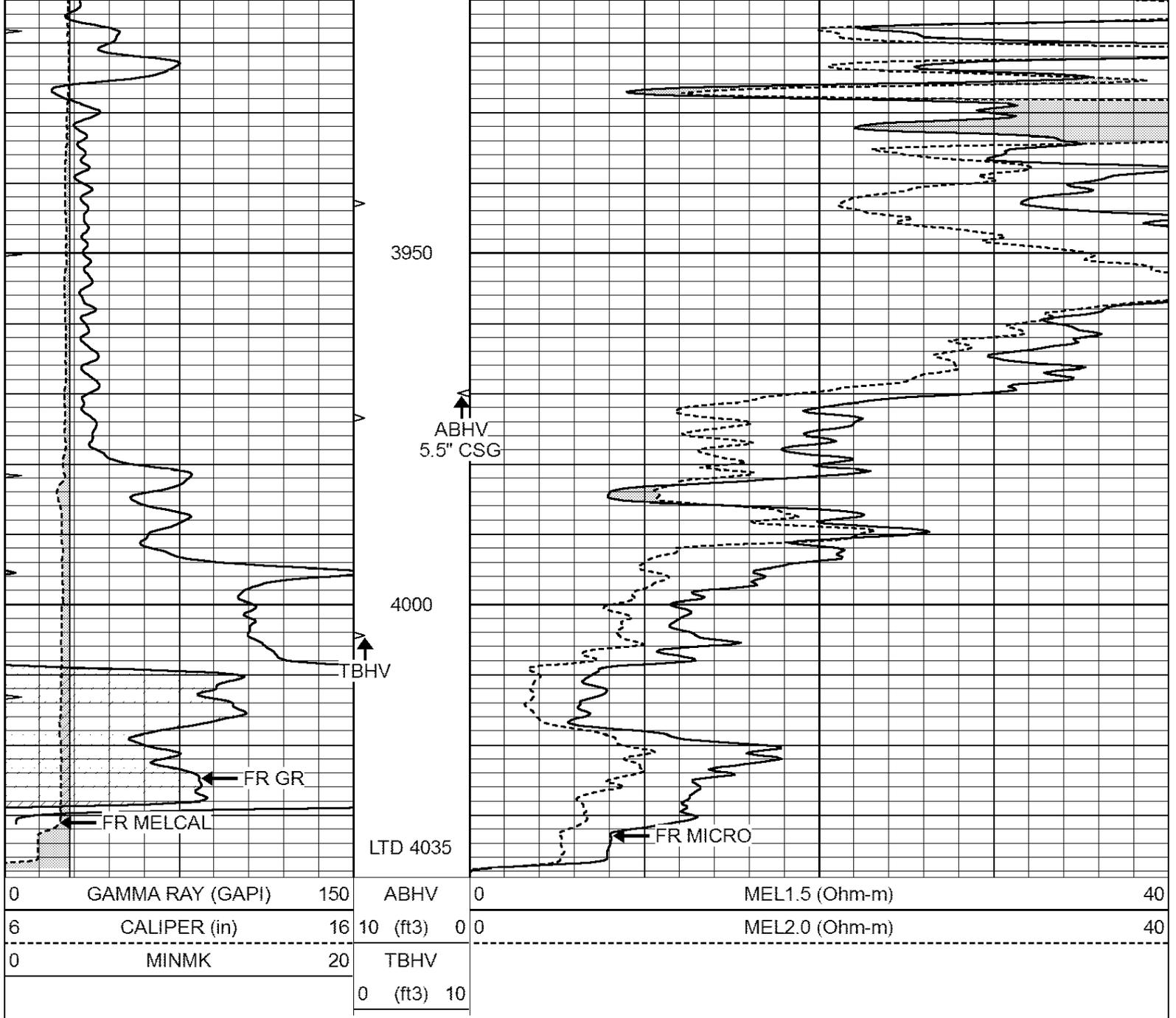










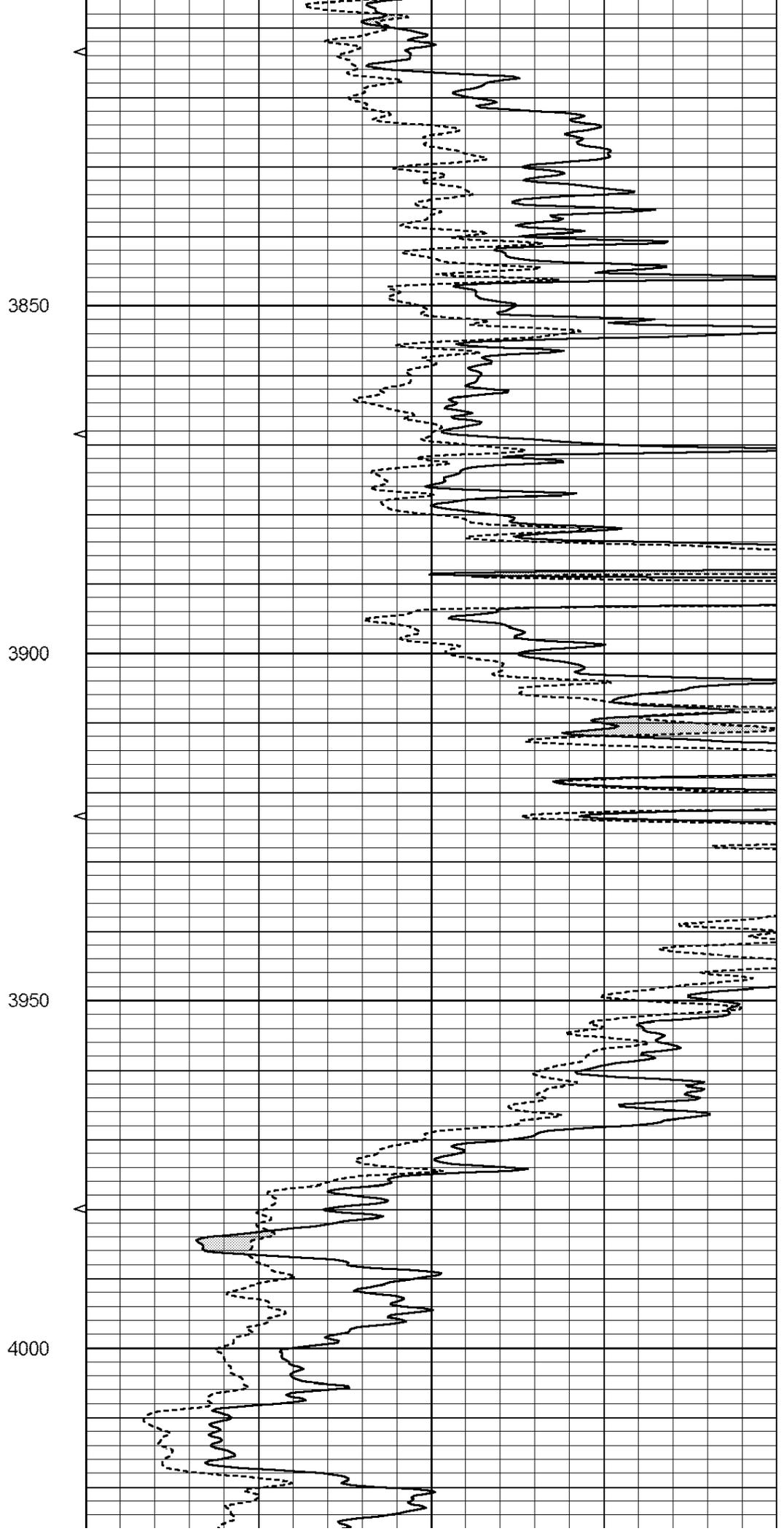
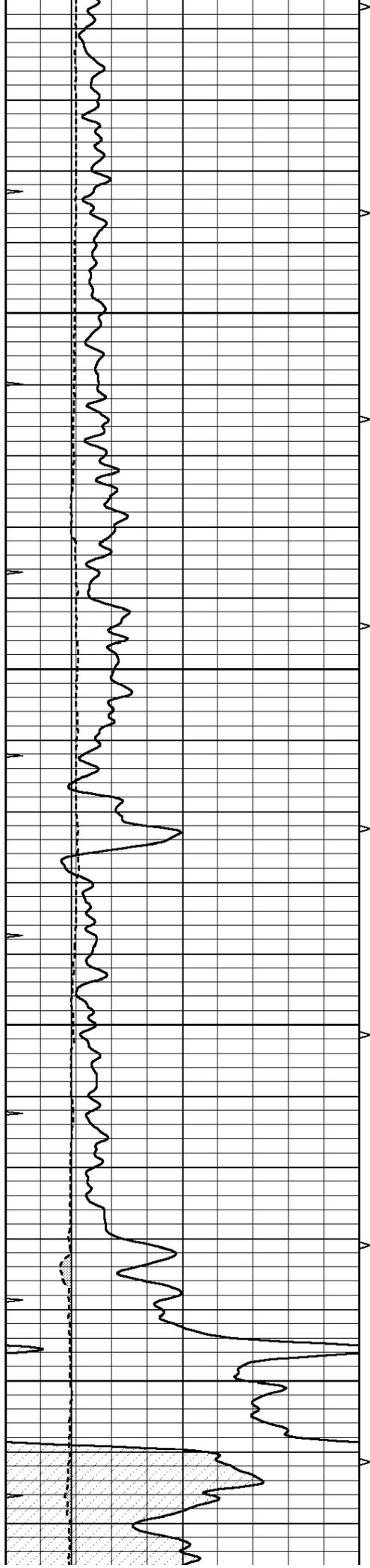


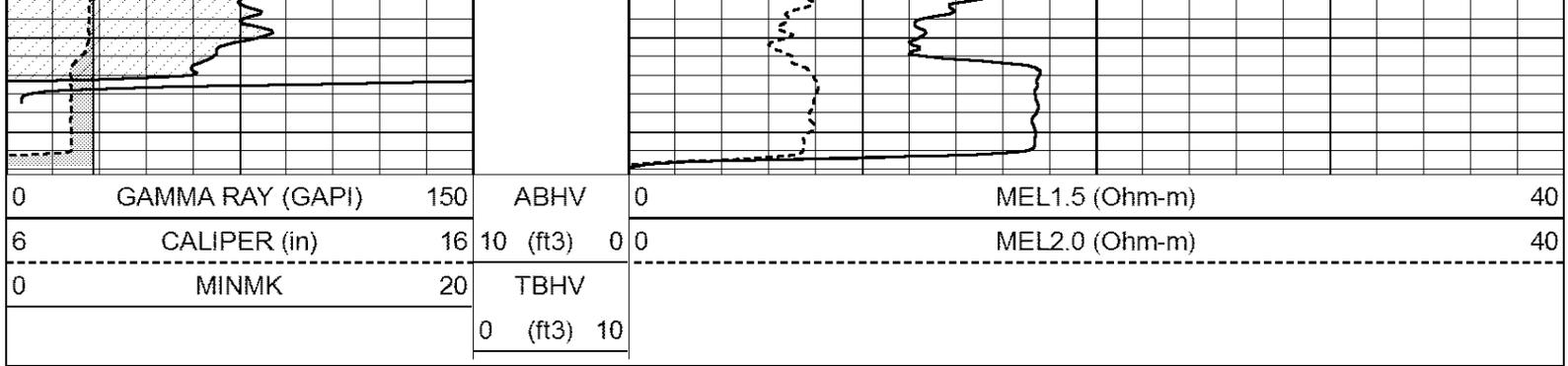
REPEAT SECTION

Database File: 26530pe.db
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 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: 26530pe.db
 Dataset Pathname: pass6.1
 Dataset Creation: Sat Jan 24 16:18:46 2015 by Calc Open-Cased 090629

MICRO Calibration Report

Serial Number: MICRO3
 Tool Model: PROBE
 Performed: Thu Nov 17 03:06:31 2011

Caliper Calibration: Gain=3.916 Offset=-9.471

	Low Cal	High Cal
References	8.000	14.000
Readings	4.257	5.789

1.5" Calibration: Gain=100.000 Offset=0.000

	Low Cal	High Cal
References	0.000	20.000
Readings	0.004	0.228

2" Calibration: Gain=150.553 Offset=-1.220

	Low Cal	High Cal
References	0.000	20.000
Readings	0.005	0.175

Gamma Ray Calibration Report

Serial Number: GR6
 Tool Model: OPEN
 Performed: Wed Dec 10 11:09:24 2014

Calibrator Value: 150.0 GAPI

Background Reading: 0.0 cps
 Calibrator Reading: 276.0 cps

Sensitivity: 0.8000 GAPI/cps