



**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

Company BEAR PETROLEUM, LLC.
Well EBERHARDT # 2-24
Field REICHEL
County RUCH State KANSAS

Company BEAR PETROLEUM, LLC.
Well EBERHARDT # 2-24
Field REICHEL
County RUCH
State KANSAS

Location: API #: 15-165-22091-00-00
1980' FSL & 3300' FEL
NE - SW
SEC 24 TWP 17S RGE 17W
Permanent Datum GROUND LEVEL Elevation 2048
Log Measured From KELLY BUSHING 14' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
CNL/CDL
DIL
Elevation
K.B. 2062
D.F. 2060
G.L. 2048

Date	9/30/14		
Run Number	TW0		
Depth Driller	3650		
Depth Logger	3646		
Bottom Logged Interval	3644		
Top Log Interval	1900		
Casing Driller	8 5/8" @ 1128		
Casing Logger	1130		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 5,000 PPM	
Density / Viscosity	9.4/5.1		
pH / Fluid Loss	8.0/10.2		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.60 @ 90F		
Rmf @ Meas. Temp	0.45 @ 90F		
Rmc @ Meas. Temp	0.72 @ 90F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	0.48 @ 113F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	113F		
Equipment Number	3802		
Location	HAYS, KS.		
Recorded By	IAN MABB		
Witnessed By	ROD ANDERSON		

<<< Fold Here >>>

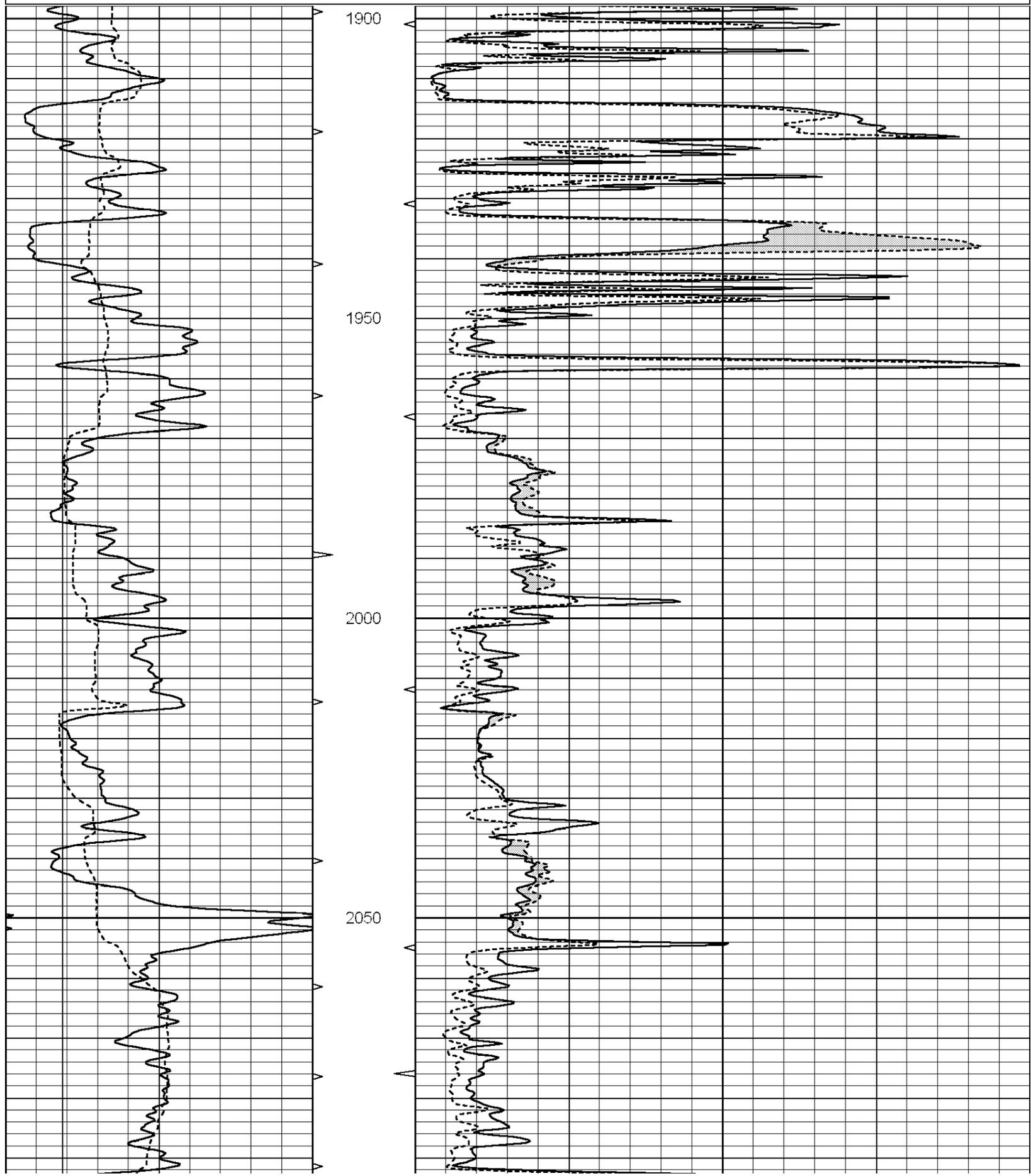
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

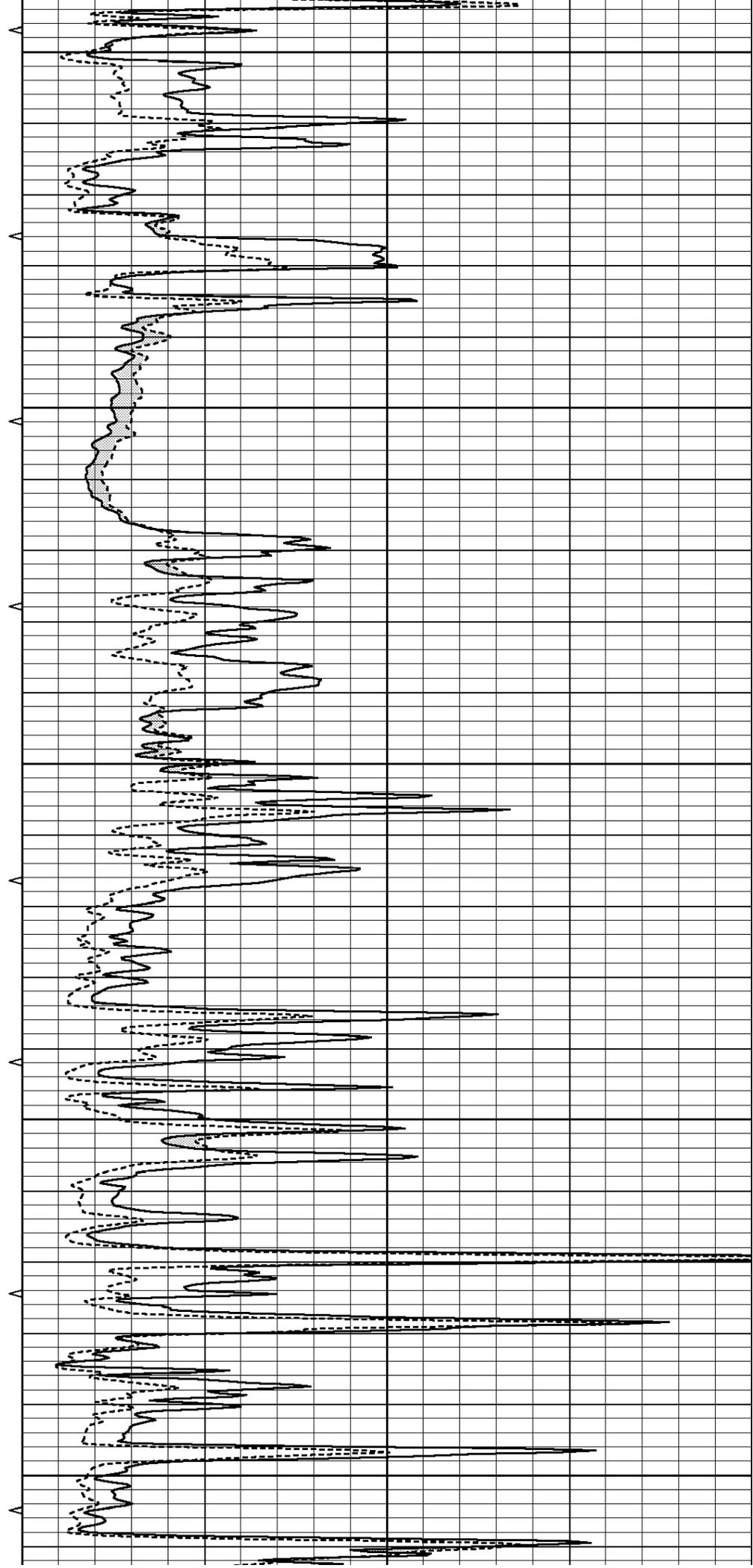
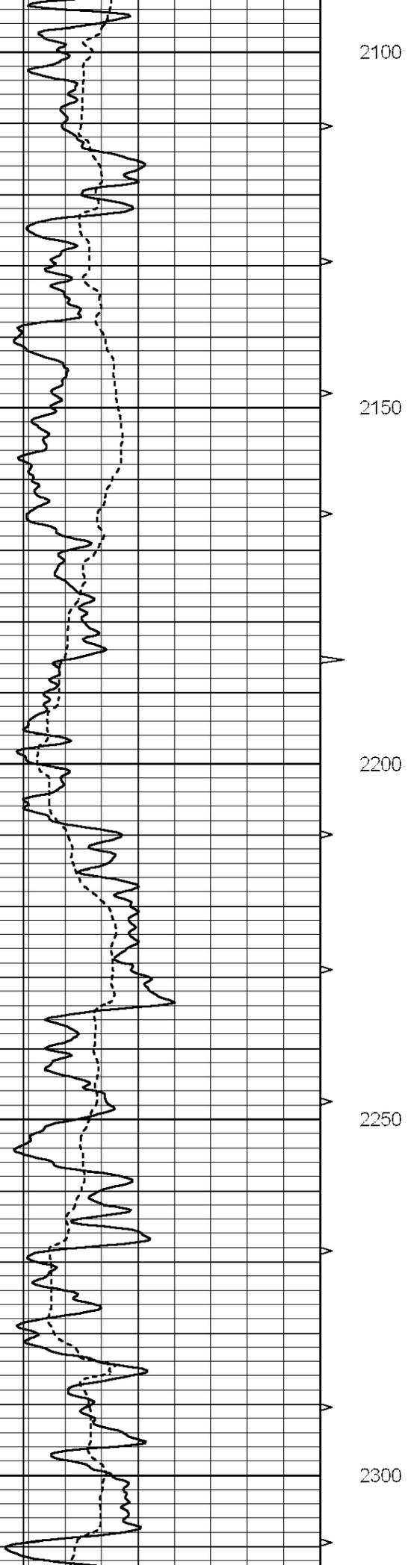
Comments

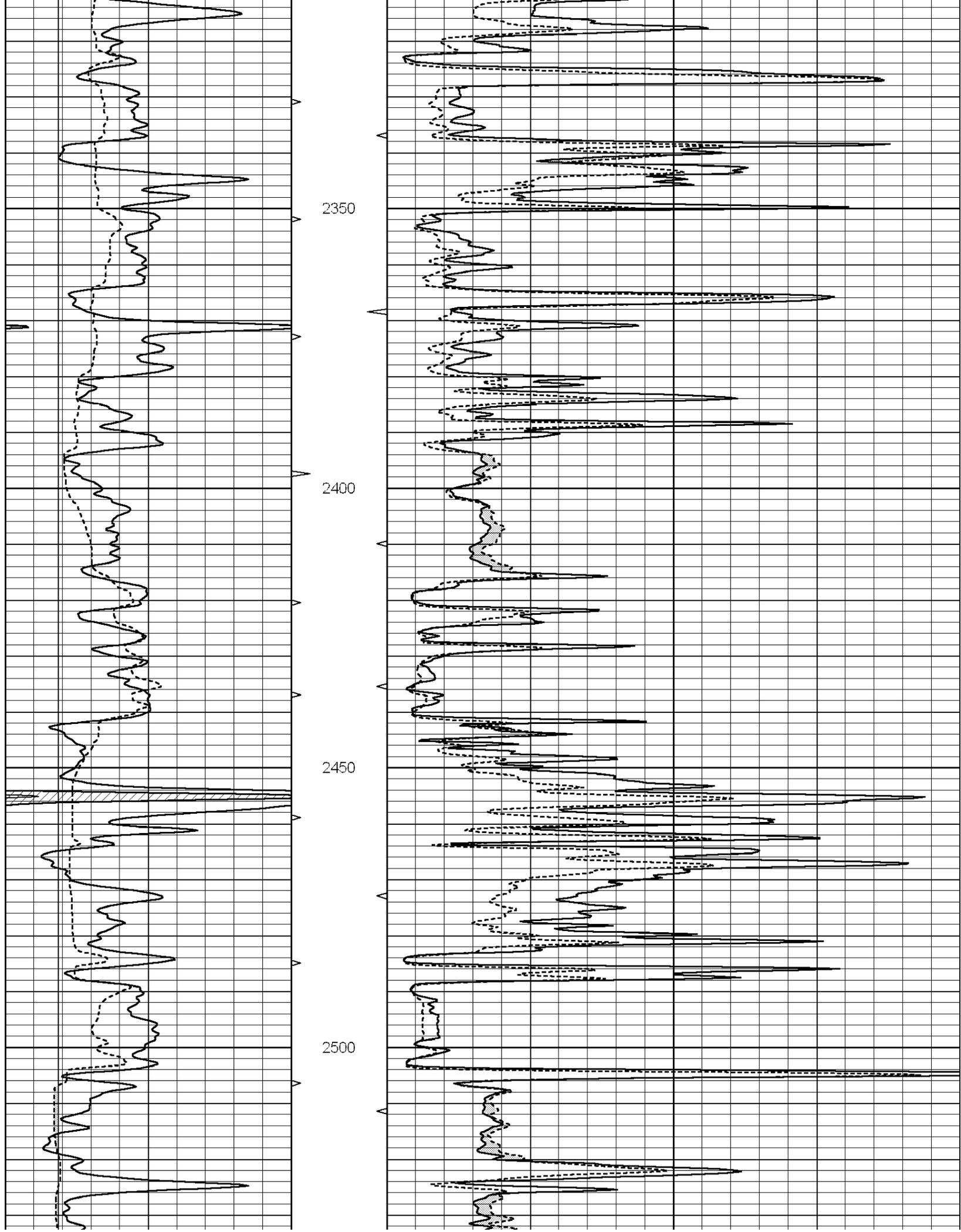
THANK YOU FOR USING NABORS COMPLETION & PRODUCTION SVCS. (785) 628-6395

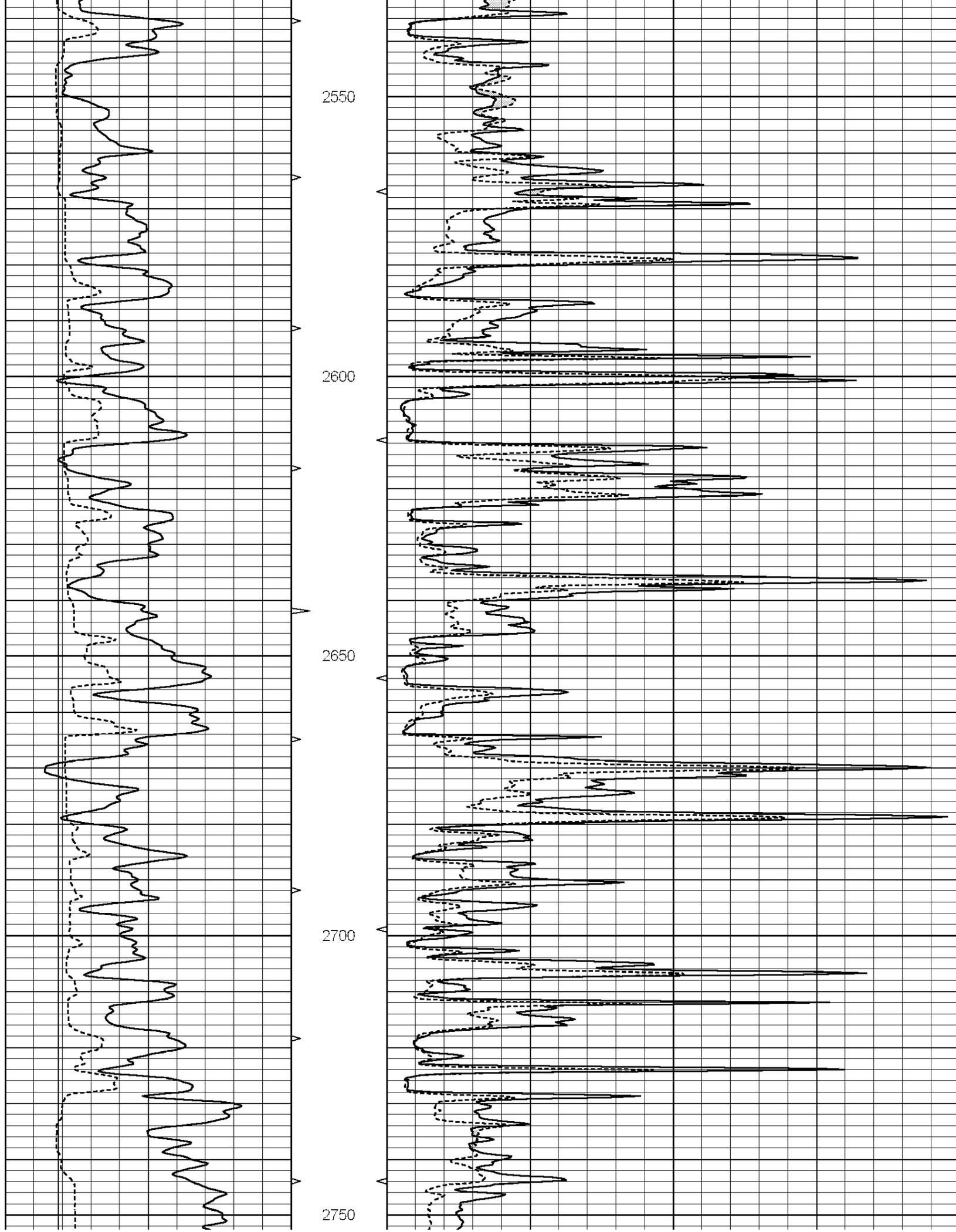
DIRECTIONS: BISON, KS. & HWY 4 - 2 MILES EAST TO CR 330 - NORTH 1 1/2 MILES EAST INTO

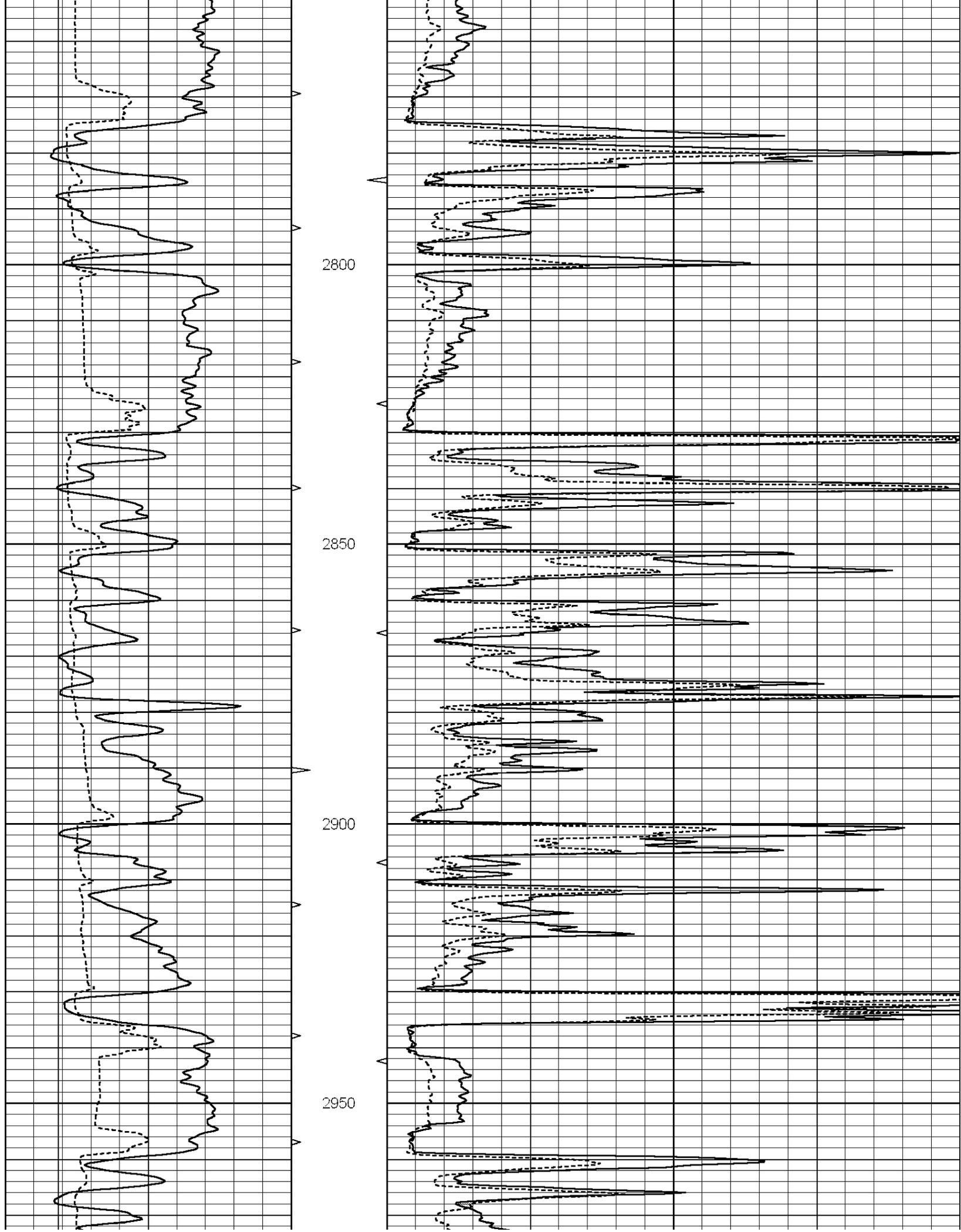
0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0 0	MEL2.0 (Ohm-m)	40
			TBHV			
			0 (ft3)	10		

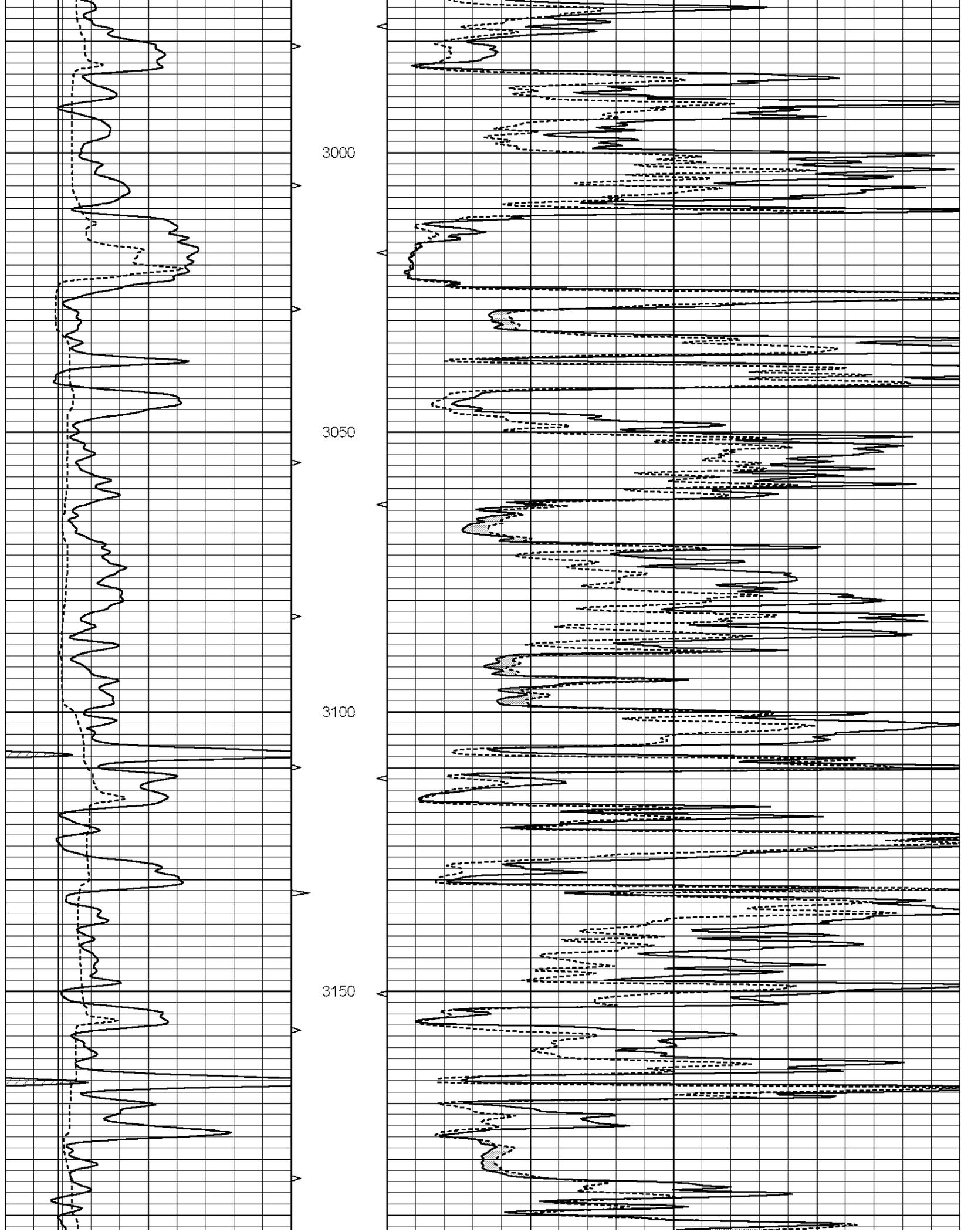


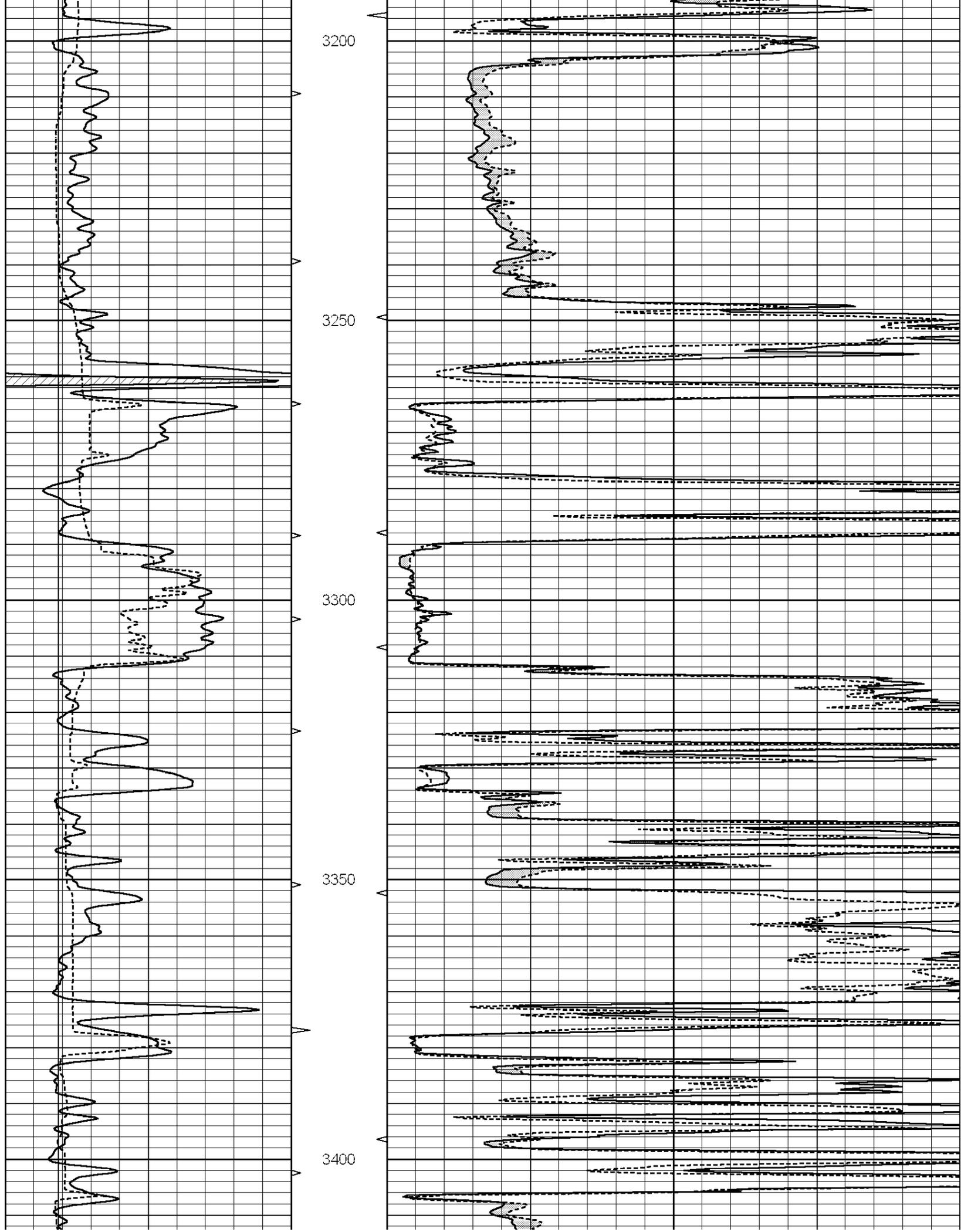


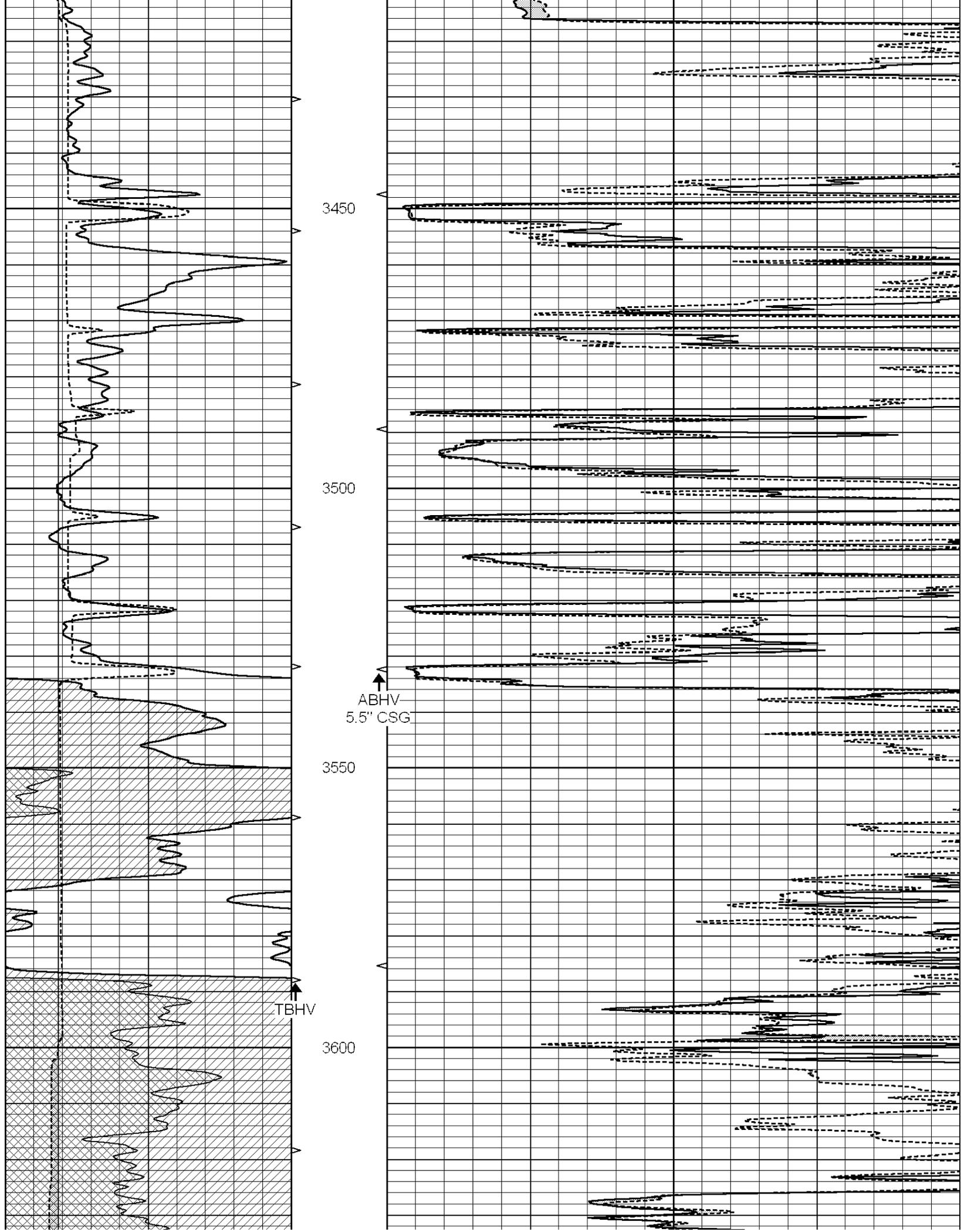


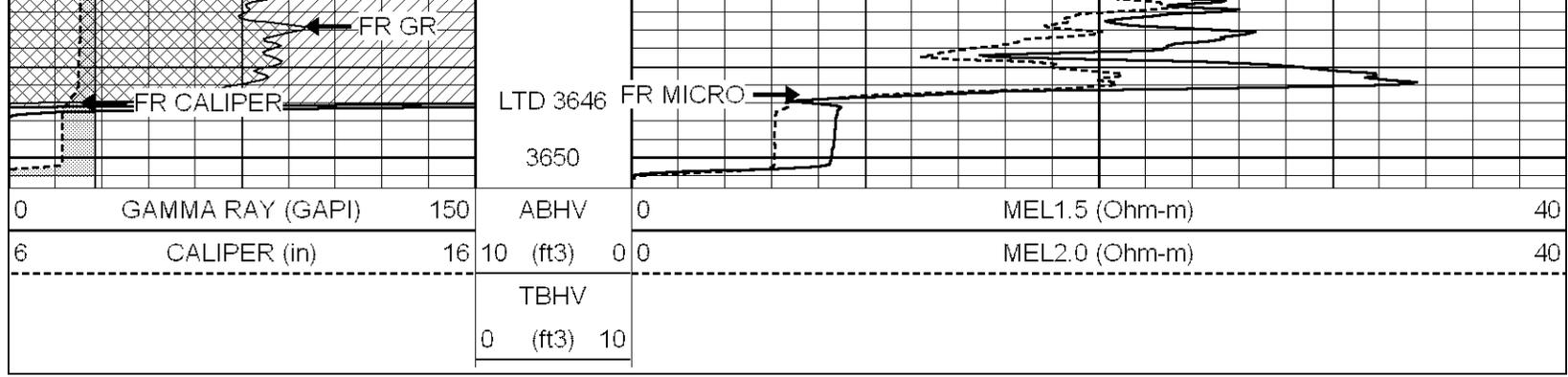




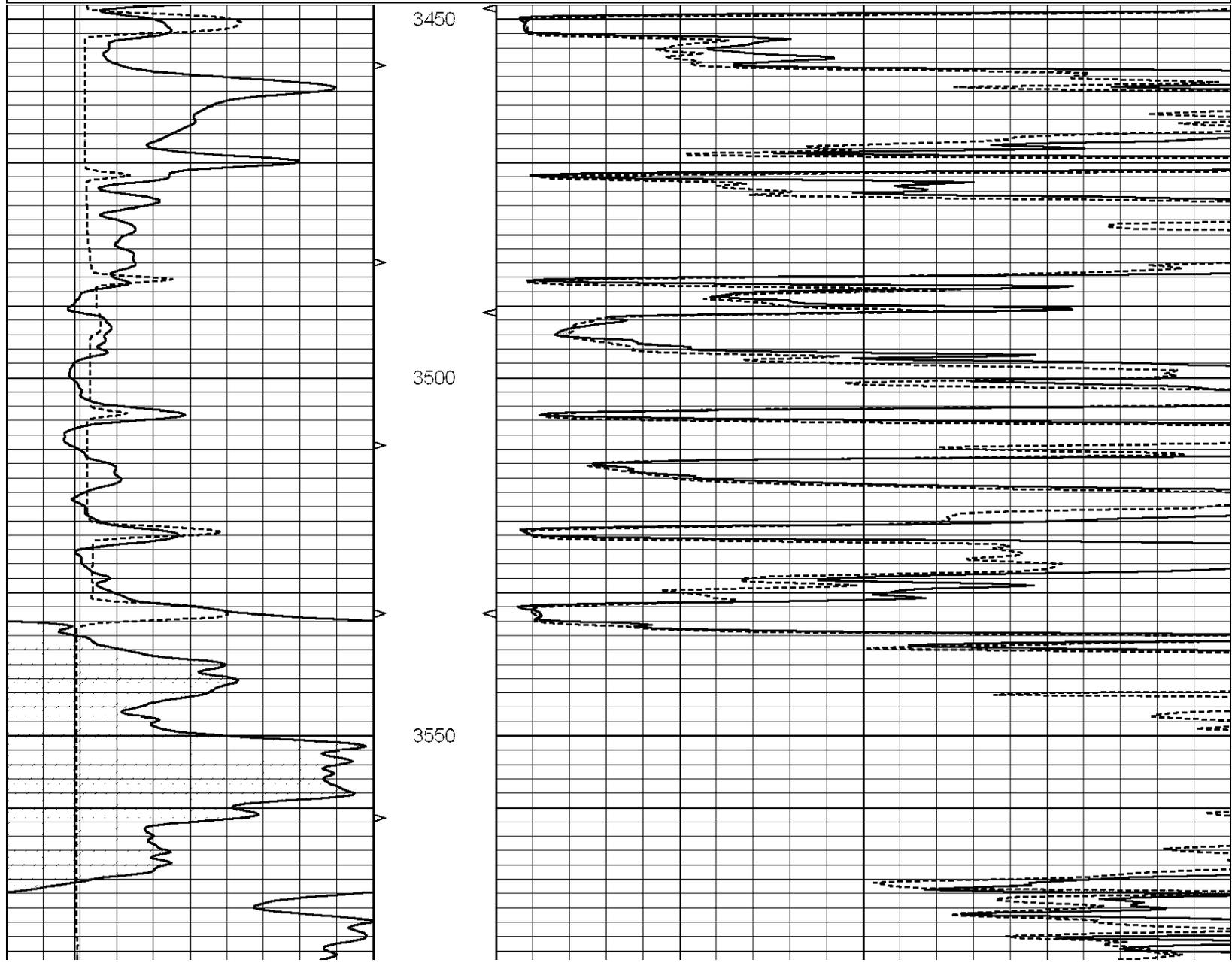
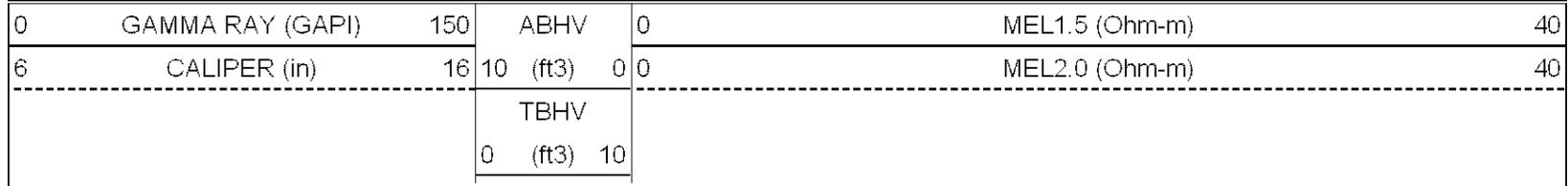


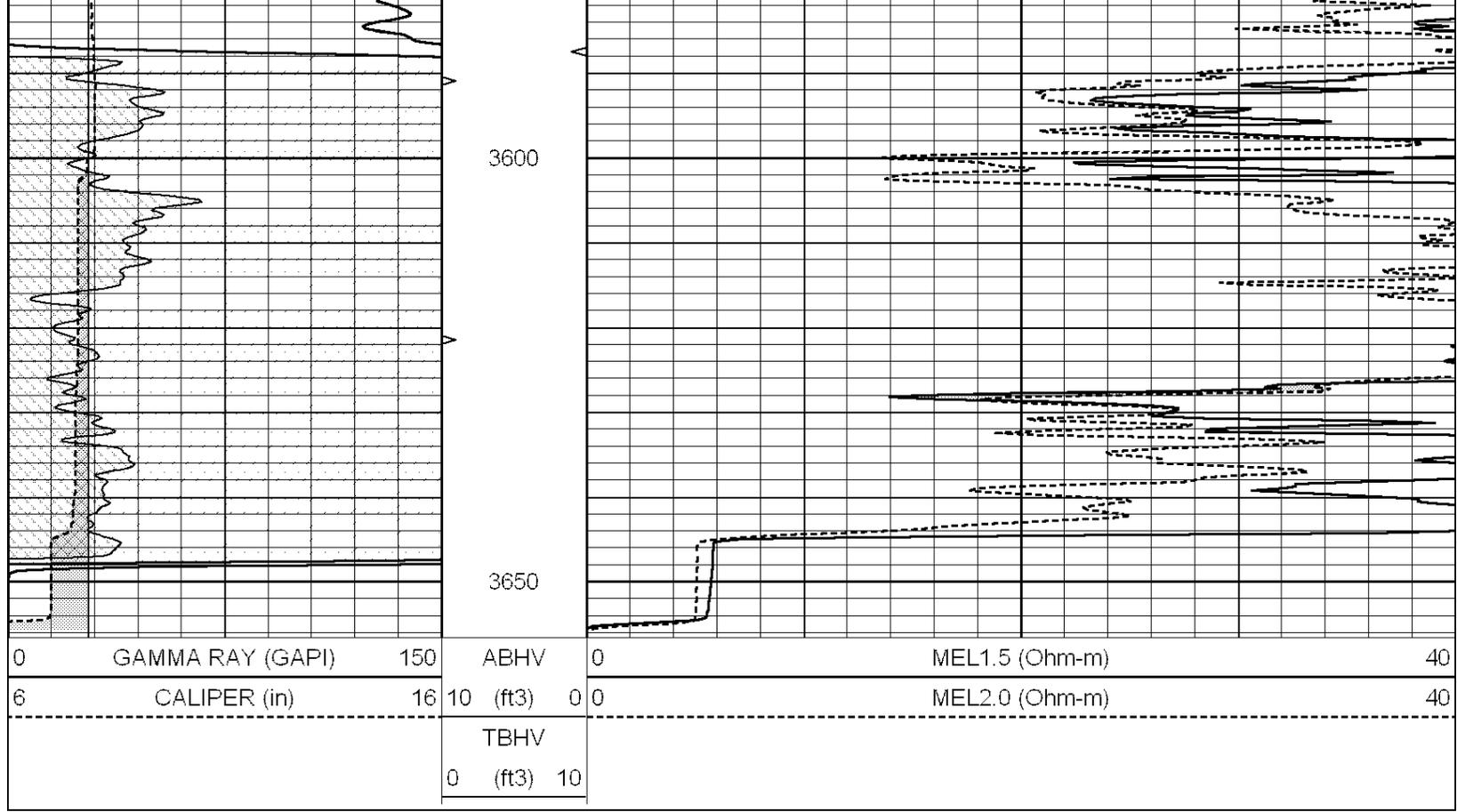






Database File: 26227ddn.db
 Dataset Pathname: pass5.1.3
 Presentation Format: _micro
 Dataset Creation: Tue Sep 30 20:50:12 2014 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240





Calibration Report

Database File: 26227ddn.db
 Dataset Pathname: pass6.4
 Dataset Creation: Tue Sep 30 21:27:30 2014

MICRO Calibration Report

Serial Number:	MICRO6	
Tool Model:	PROBE	
Performed:	Tue Sep 30 20:15:19 2014	
Caliper Calibration:	Gain=3.472	Offset=3.200
References	Low Cal 8.500	High Cal 14.000
Readings	1.316	2.900
1.5" Calibration:	Gain=30.000	Offset=0.000
References	Low Cal 0.000	High Cal 20.000
Readings	0.004	0.843
2" Calibration:	Gain=38.000	Offset=0.100
References	Low Cal 0.000	High Cal 20.000
Readings	0.021	0.810

Gamma Ray Calibration Report

Serial Number:	7	
Tool Model:	Probe1	
Performed:	Fri Jul 18 12:11:13 2014	
Calibrator Value:	1.0	GAPI

Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.4500	GAPI/cps