



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

Company		MAI OIL OPERATIONS, INC.	
Well		KRAMER "A" #6	
Field		TRAPP	
County		RUSSELL	
State		KANSAS	
Location:		API # : 15-167-23876-0000 1910' FSL & 1270' FWL	
SEC 14 TWP 15S RGE 14W		Other Services CDL/CNL DIL	
Permanent Datum Log Measured From Drilling Measured From		GROUND LEVEL Elevation KELLY BUSHING 8 A.G.L. KELLY BUSHING	
Date		5/3/13	
Run Number		TWO	
Depth Driller		3410	
Depth Logger		3410	
Bottom Logged Interval		3408	
Top Log Interval		2300	
Casing Driller		8 5/8" @ 513	
Casing Logger		512	
Bit Size		7 7/8	
Type Fluid in Hole		CHEMICAL MUD	
Density / Viscosity		9.3/51	
pH / Fluid Loss		10.0/8.8	
Source of Sample		FLOWLINE	
Rim @ Meas. Temp		.65 @ 86F	
Rmf @ Meas. Temp		.48 @ 86F	
Rmc @ Meas. Temp		.58 @ 86F	
Source of Rmf / Rmc		MEASURED	
Rim @ BHT		.50 @ 111F	
Time Circulation Stopped		2 HOURS	
Time Logger on Bottom		111F	
Maximum Recorded Temperature		111F	
Equipment Number		680	
Location		HAYS, KS.	
Recorded By		JASON CAPPELLUCCI	
Witnessed By		WYATT URBAN	

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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 COMPLETION & PRODUCTION SVCS. (785) 628-6395

DIRECTIONS:
RUSSELL, KS. - 10 S. - W. INTO

Database File:

010778ddn.db

Dataset Pathname:

pass6.1

Presentation Format:

_micro

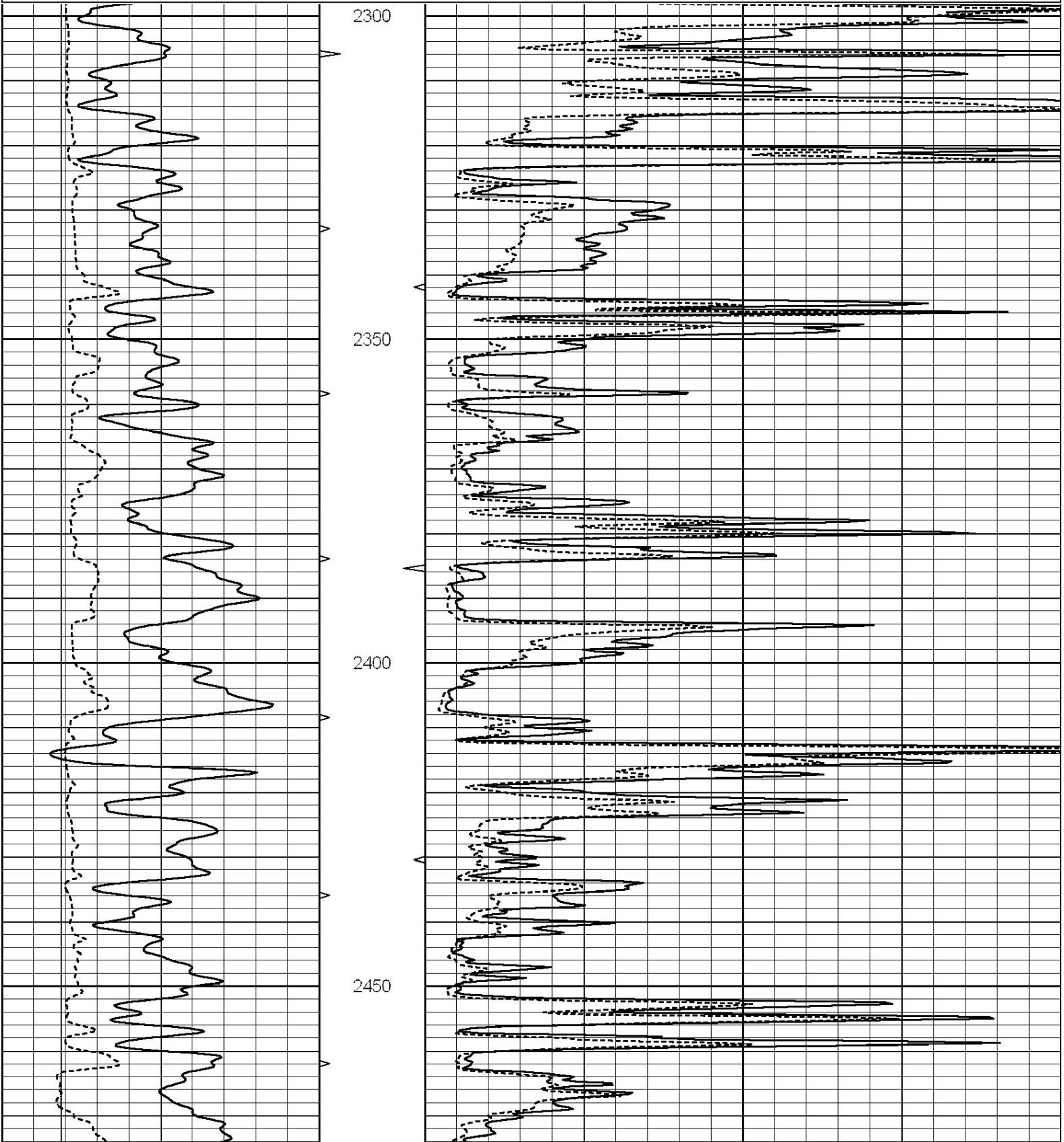
Dataset Creation:

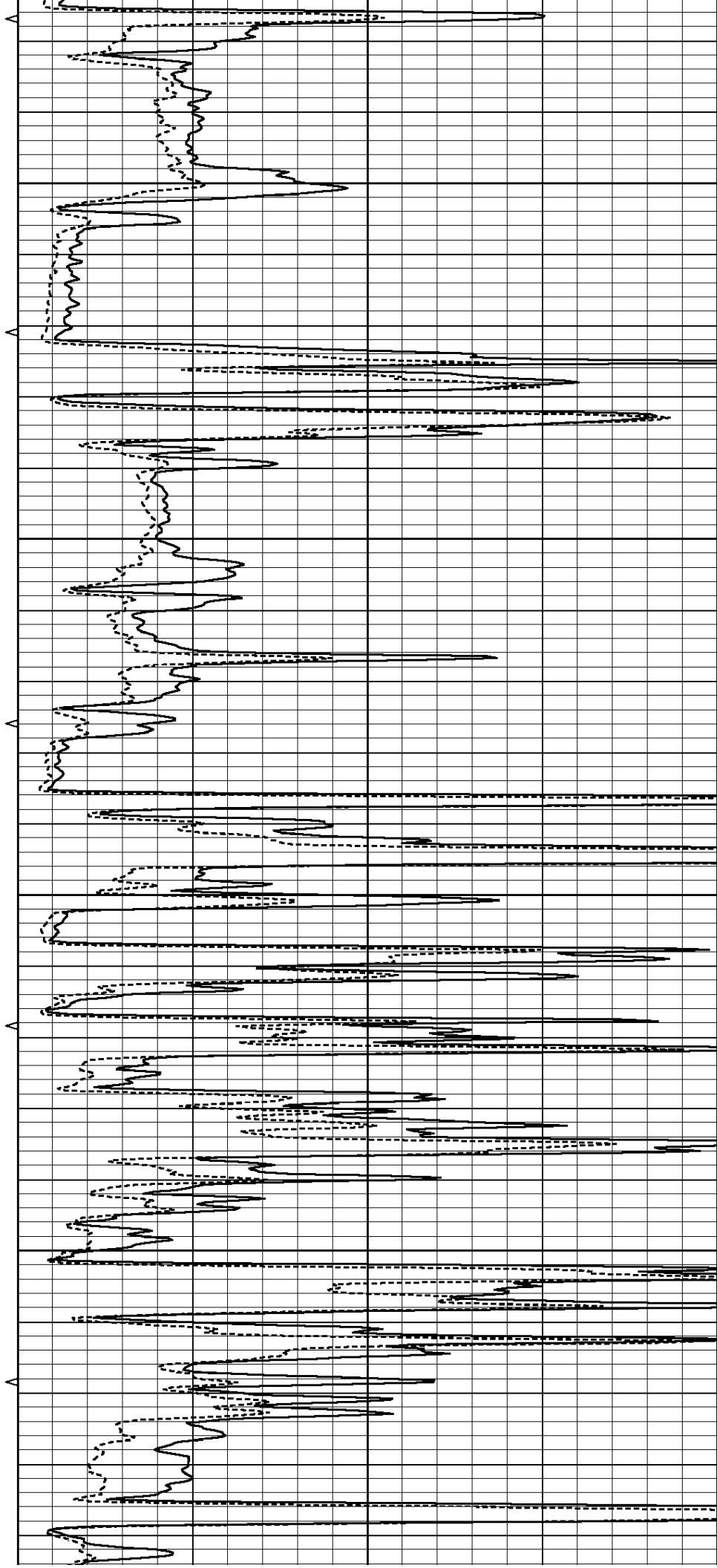
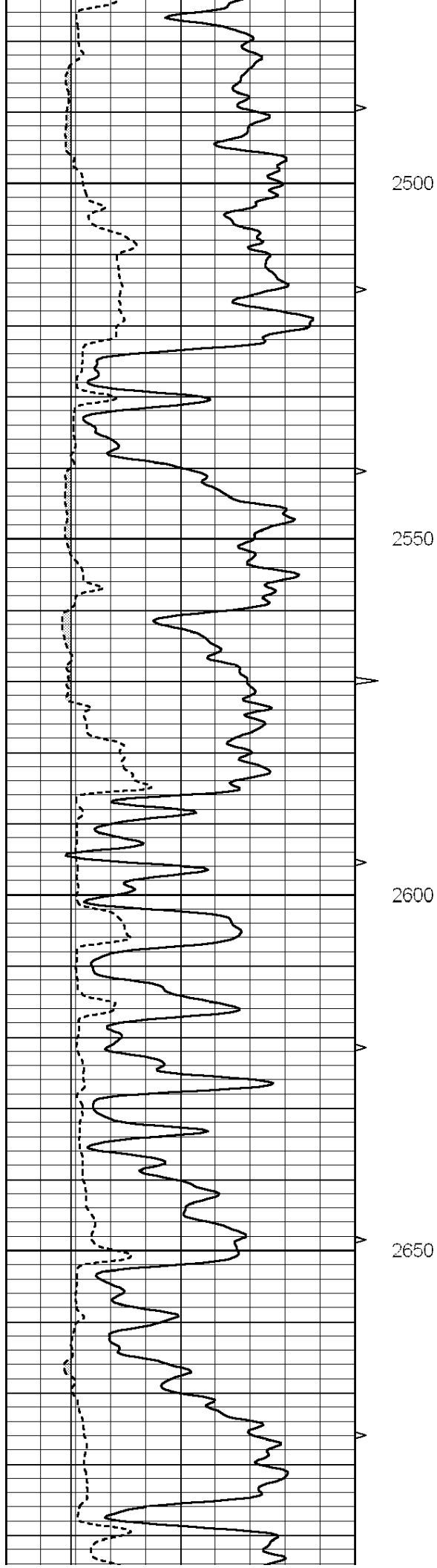
Fri May 03 14:47:27 2013 by Calc Open-Cased 090629

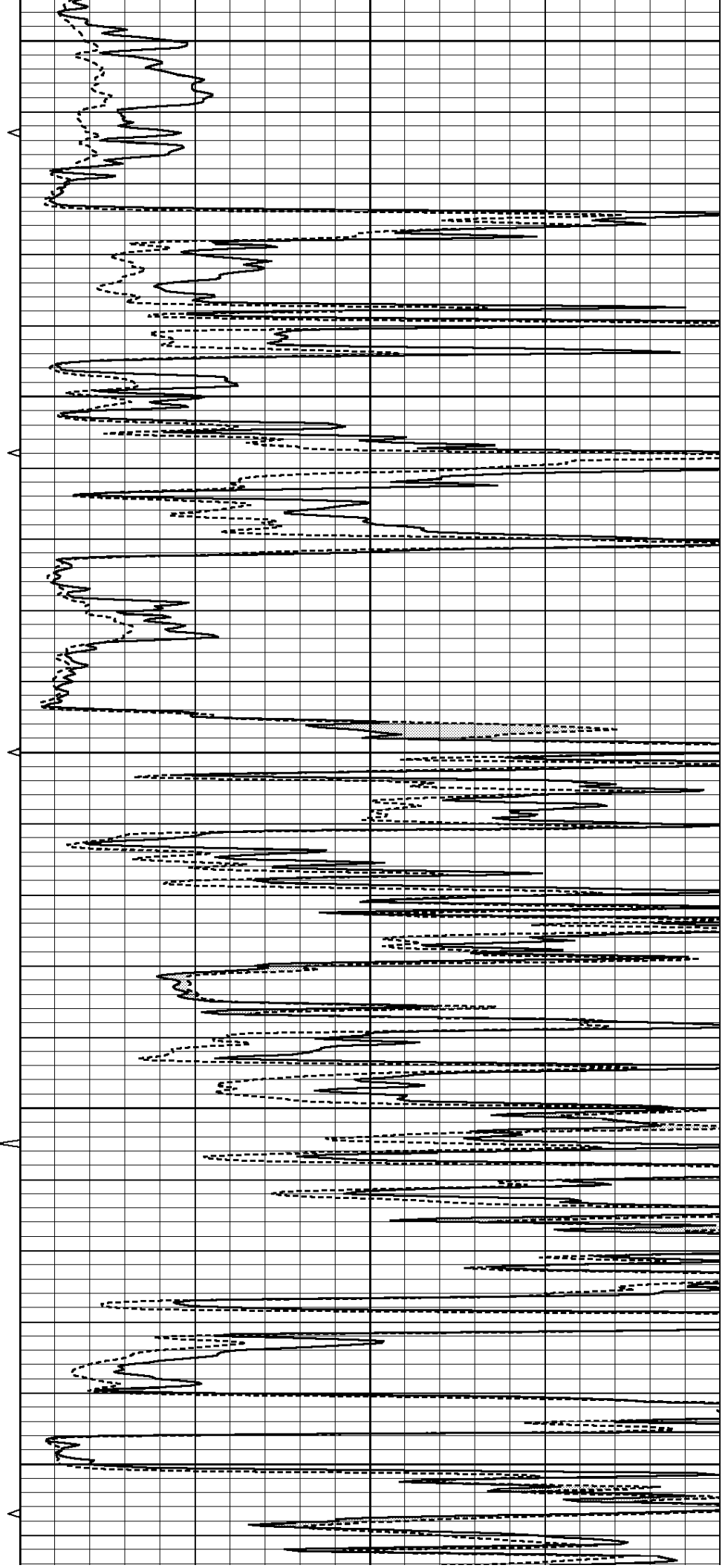
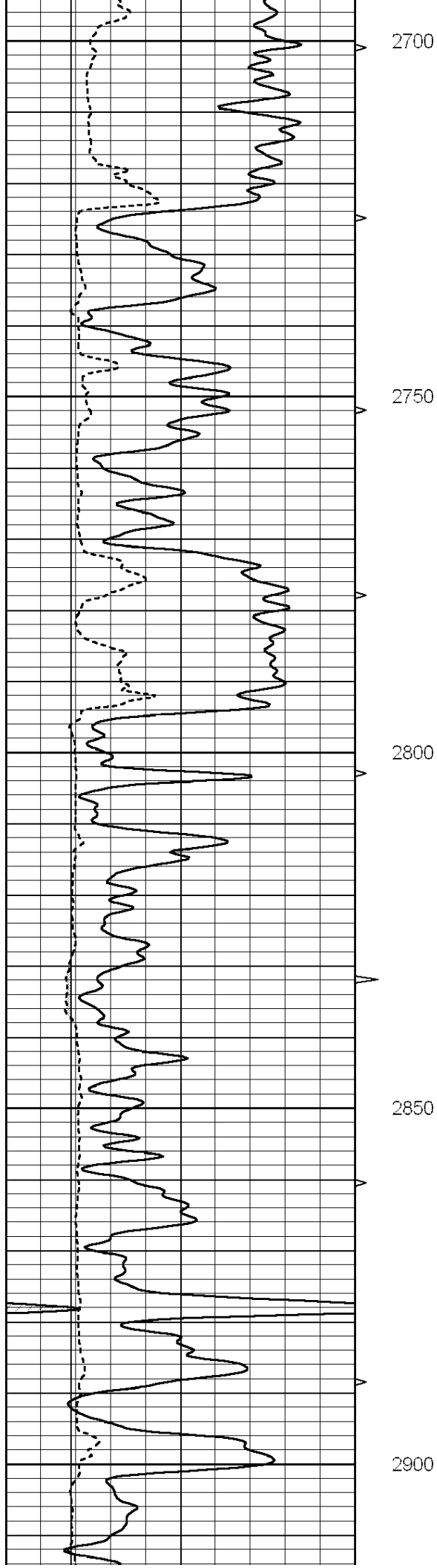
Charted by:

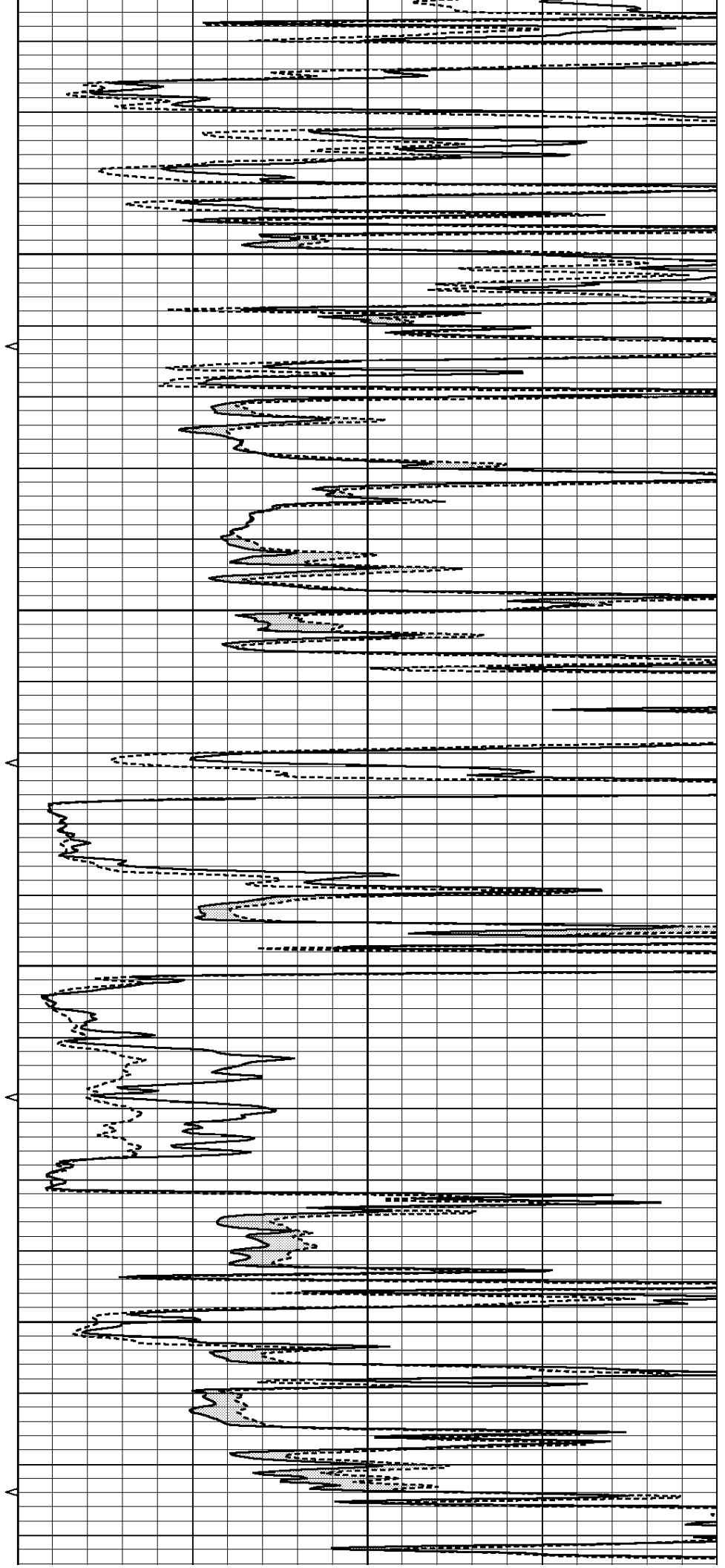
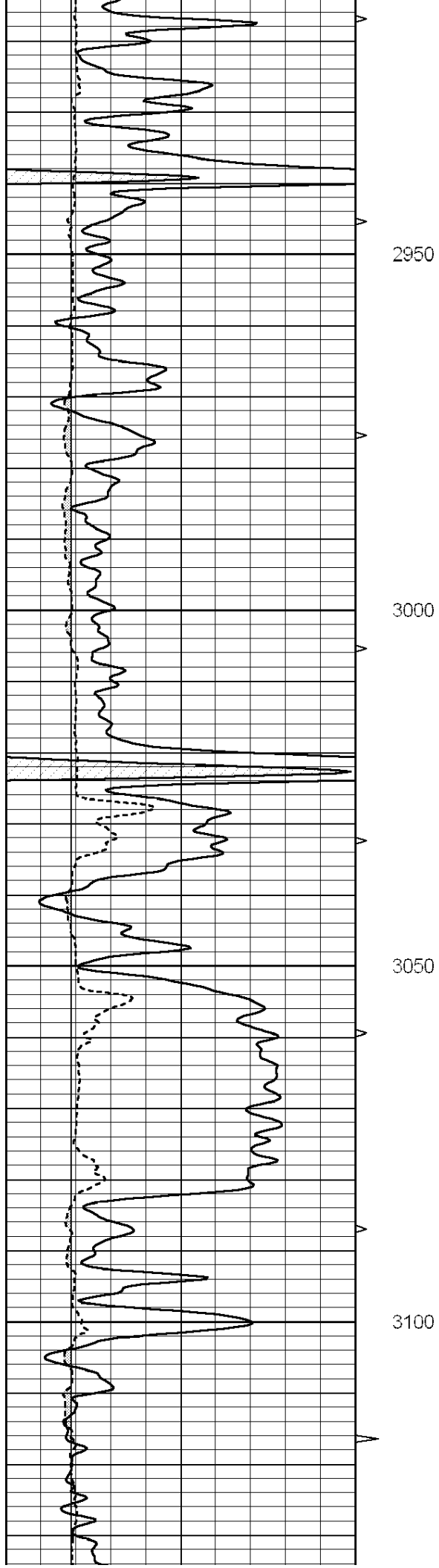
Depth in Feet scaled 1:240

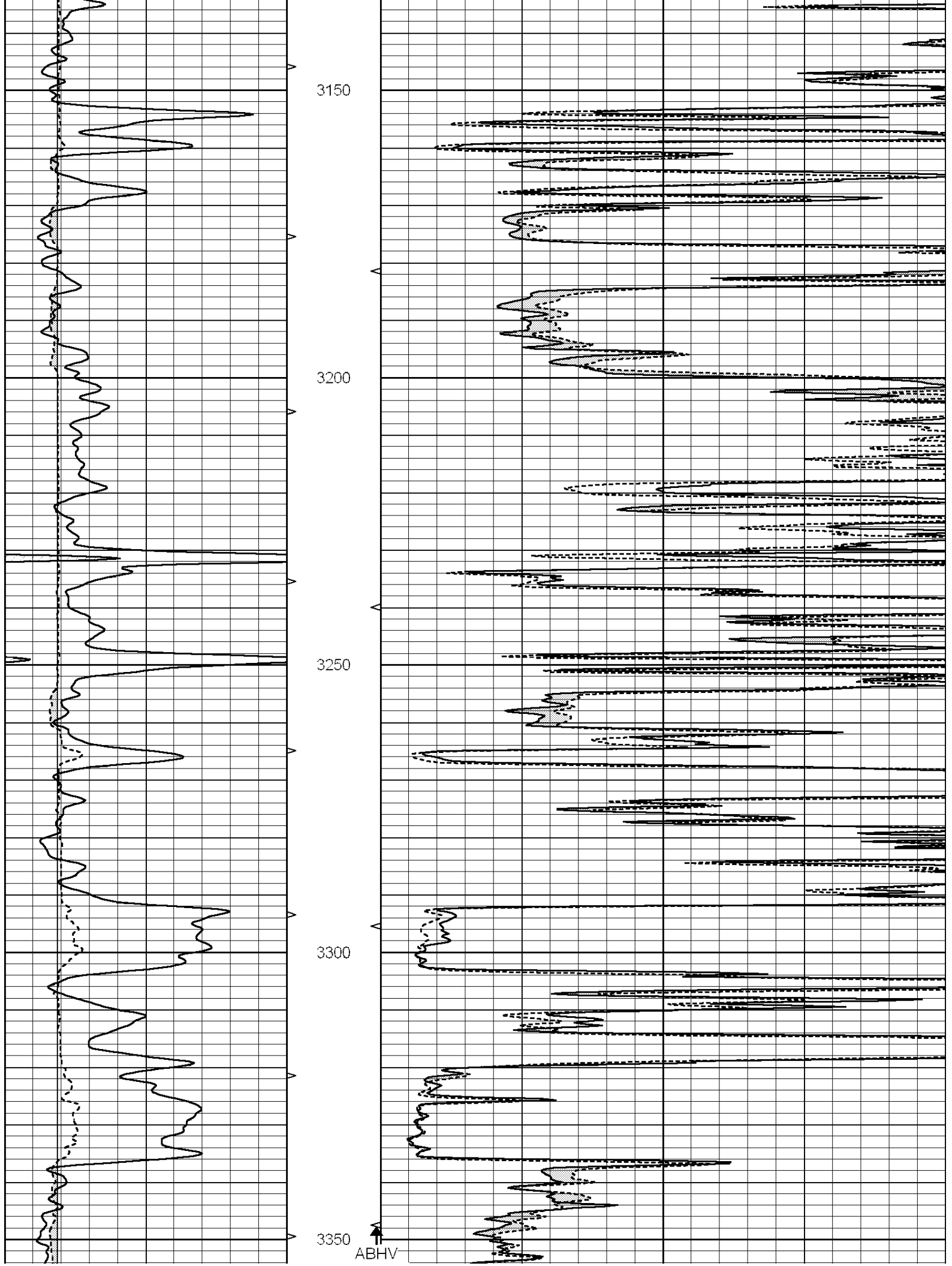
0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0 0	MEL2.0 (Ohm-m)	40
			TBHV			
			0 (ft3)	10		

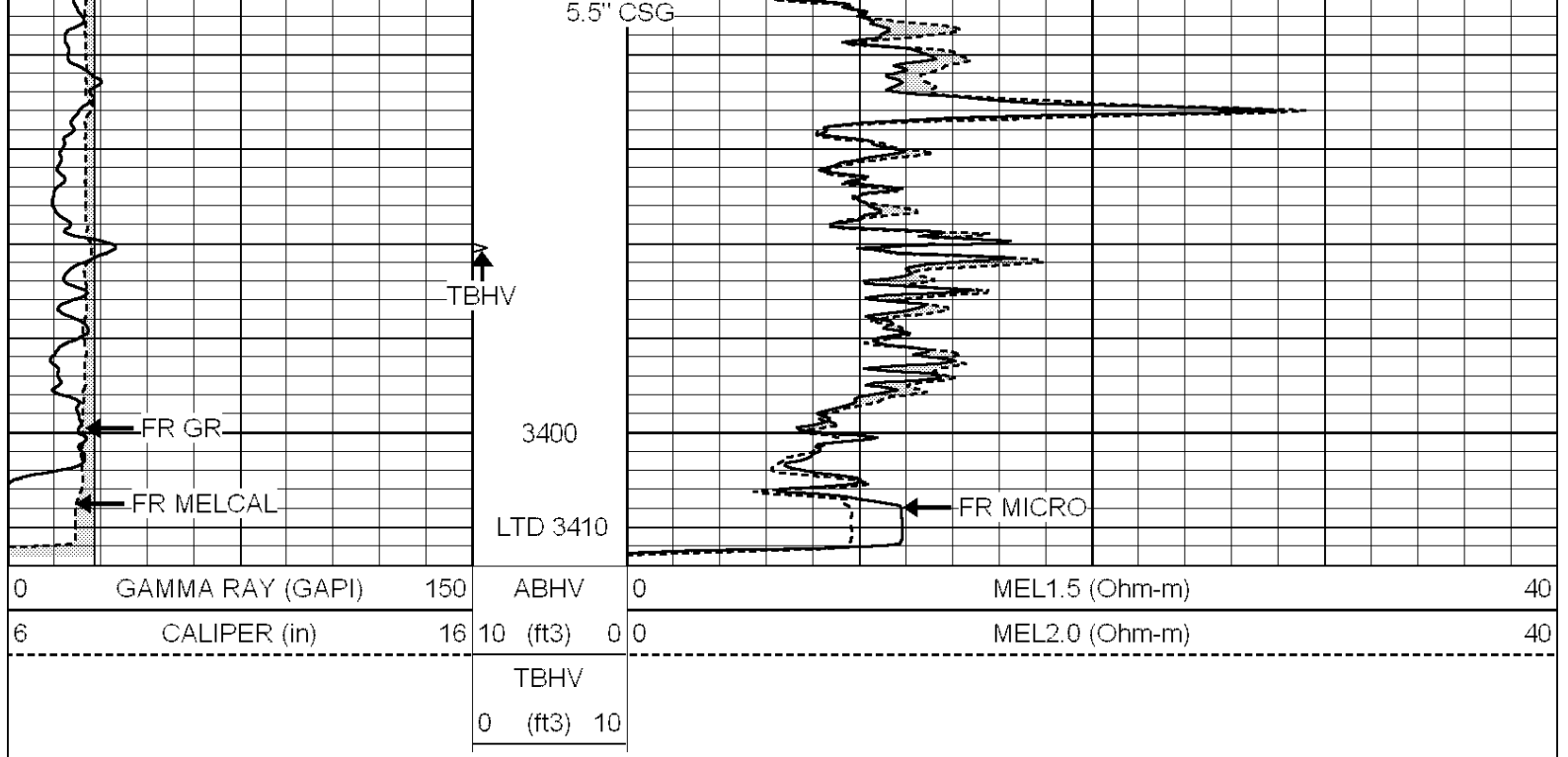










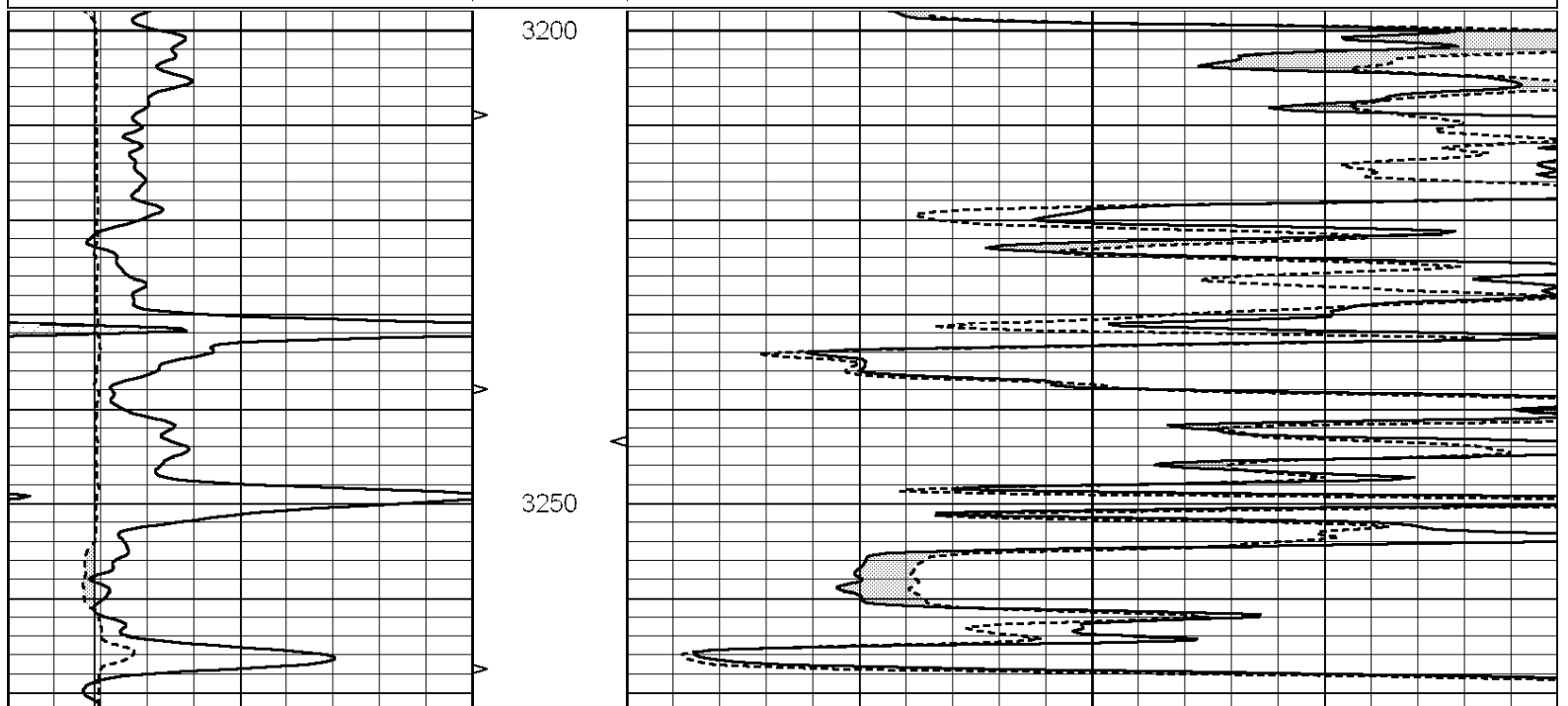


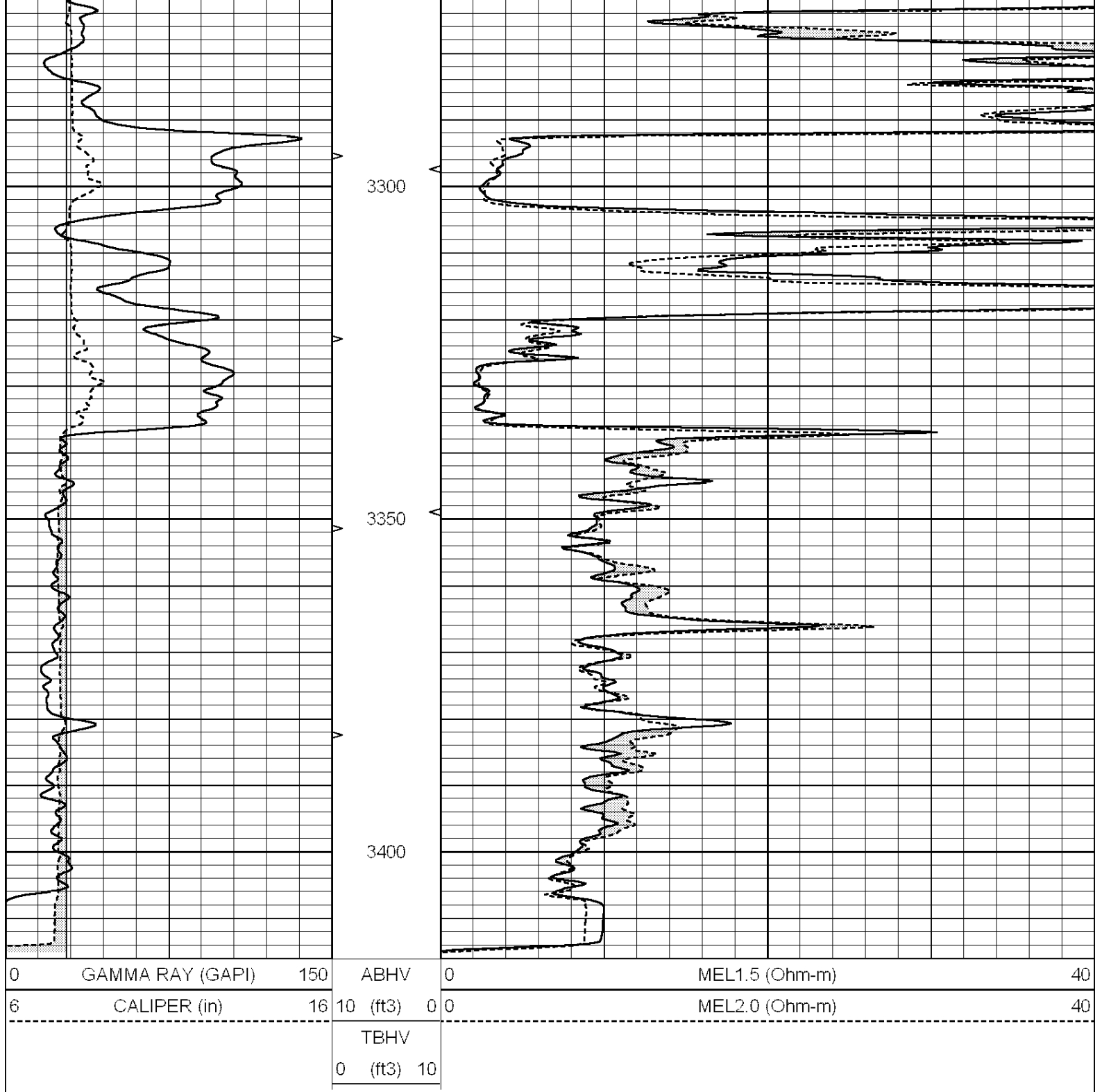
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REPEAT SECTION

Database File: 010778ddn.db
Dataset Pathname: pass5.1
Presentation Format: _micro
Dataset Creation: Fri May 03 14:28:53 2013 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
			TBHV			
			0 (ft3)	10		





Calibration Report

Database File: 010778ddh.db
Dataset Pathname: pass5.1
Dataset Creation: Fri May 03 14:28:53 2013 by Calc Open-Cased 090629

MICRO Calibration Report

Serial Number: MICRO6
Tool Model: PROBE
Performed: Wed Apr 24 08:42:48 2013

Caliper Calibration: Gain=5.542 Offset=-1.170

References
Low Cal 8.000 High Cal 14.000
1.170 2.512

Readings	1.431	2.513
1.5" Calibration:	Gain=45.075	Offset=-0.700
References	Low Cal	High Cal
Readings	0.000	20.000
	0.004	1.196
2" Calibration:	Gain=47.041	Offset=-0.600
References	Low Cal	High Cal
Readings	0.000	20.000
	0.006	0.913
Gamma Ray Calibration Report		
Serial Number:	#8	
Tool Model:	OPEN	
Performed:	Mon Jun 13 16:56:43 2011	
Calibrator Value:	150.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	175.0	cps
Sensitivity:	0.8371	GAPI/cps