

**MICRO
LOG**

Company **DOWNING NELSON OIL COMPANY, INC.**
 Well **FIDELIS SCHMEIDLER "B" #1**
 Field **SCHMEIDLER**
 County **ELLIS** State **KANSAS**

Location: **API # : 15-051-26911-0000**
2230' FSL & 60' FEL
 Permanent Datum **GROUND LEVEL Elevation 2125**
 Log Measured From **KELLY BUSHING 8' A.G.L**
 Drilling Measured From **KELLY BUSHING**
 SEC 21 TWP 12S RGE 17W
 Elevation **K.B. 2133**
D.F. 2131
G.L. 2125

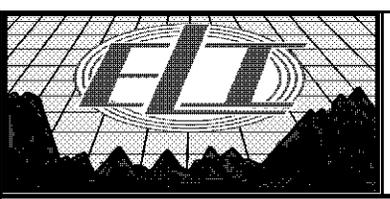
Date	5/8/18
Run Number	TWO
Depth Driller	3783
Depth Logger	3783
Bottom Logged Interval	3765
Top Log Interval	3000
Casing Driller	8 5/8" @ 220'
Casing Logger	220
Bit Size	7 7/8
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.2/49
PH / Fluid Loss	9.0/10.8
Source of Sample	FLOWLINE
Rm @ Meas. Temp	.42 @ 82F
Rmt @ Meas. Temp	.31 @ 82F
Rmc @ Meas. Temp	.50 @ 82F
Source of Rmf / Rmc	MEASUREMENT
Rm @ BHT	.30 @ 114F
Time Circulation Stopped	2 HOURS
Time Logger on Bottom	////
Maximum Recorded Temperature	114F
Equipment Number	3802
Location	HAYS, KANSAS
Recorded By	JASON CAPPELLUCCI
Witnessed By	MARC DOWNING

<<< 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

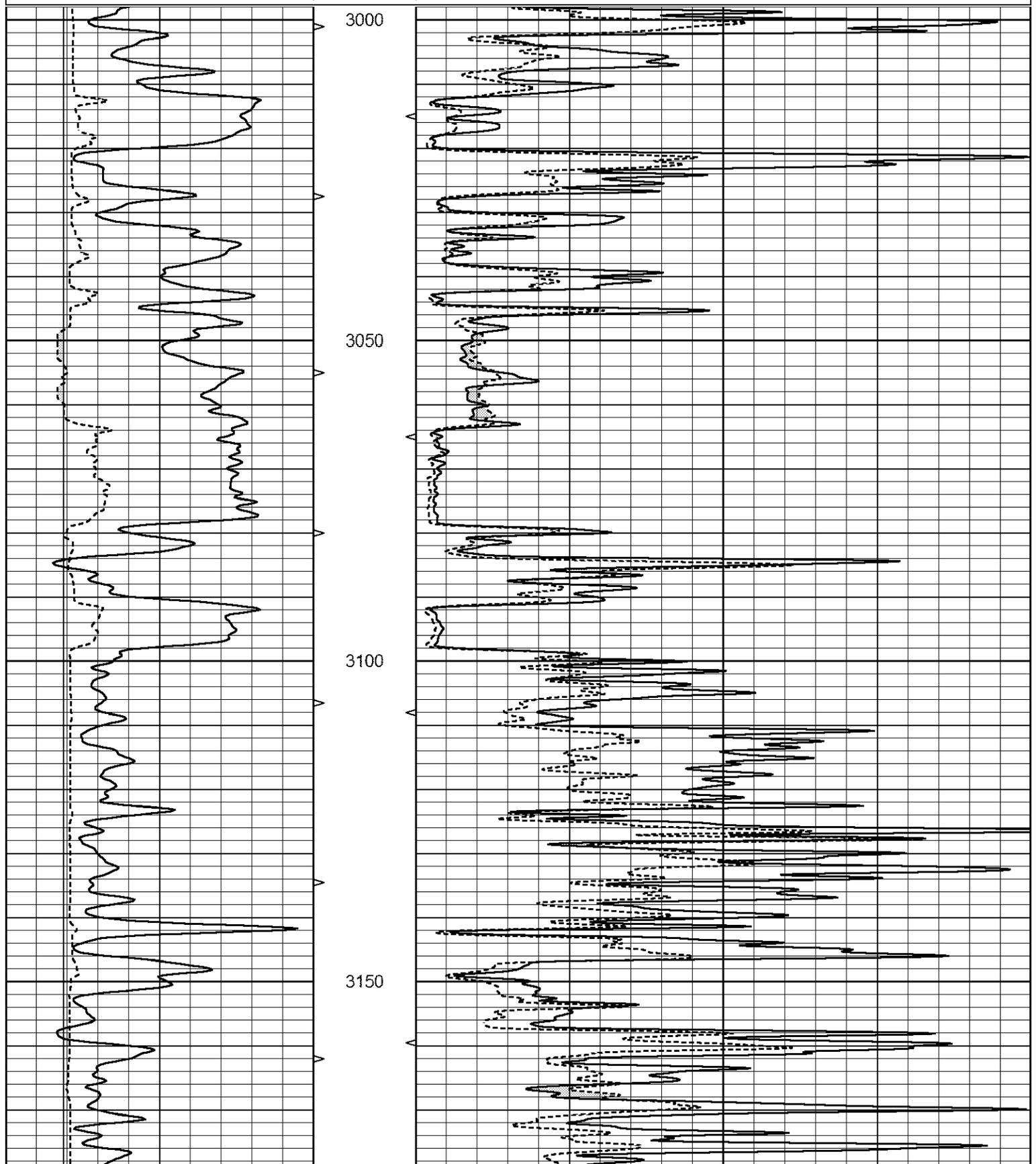
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
 DIRECTIONS
 HAYS, KS. - NORTH TO BUCKEYE RD. - 6 EAST TO 310 RD. - 1/4 SOUTH - WEST INTO

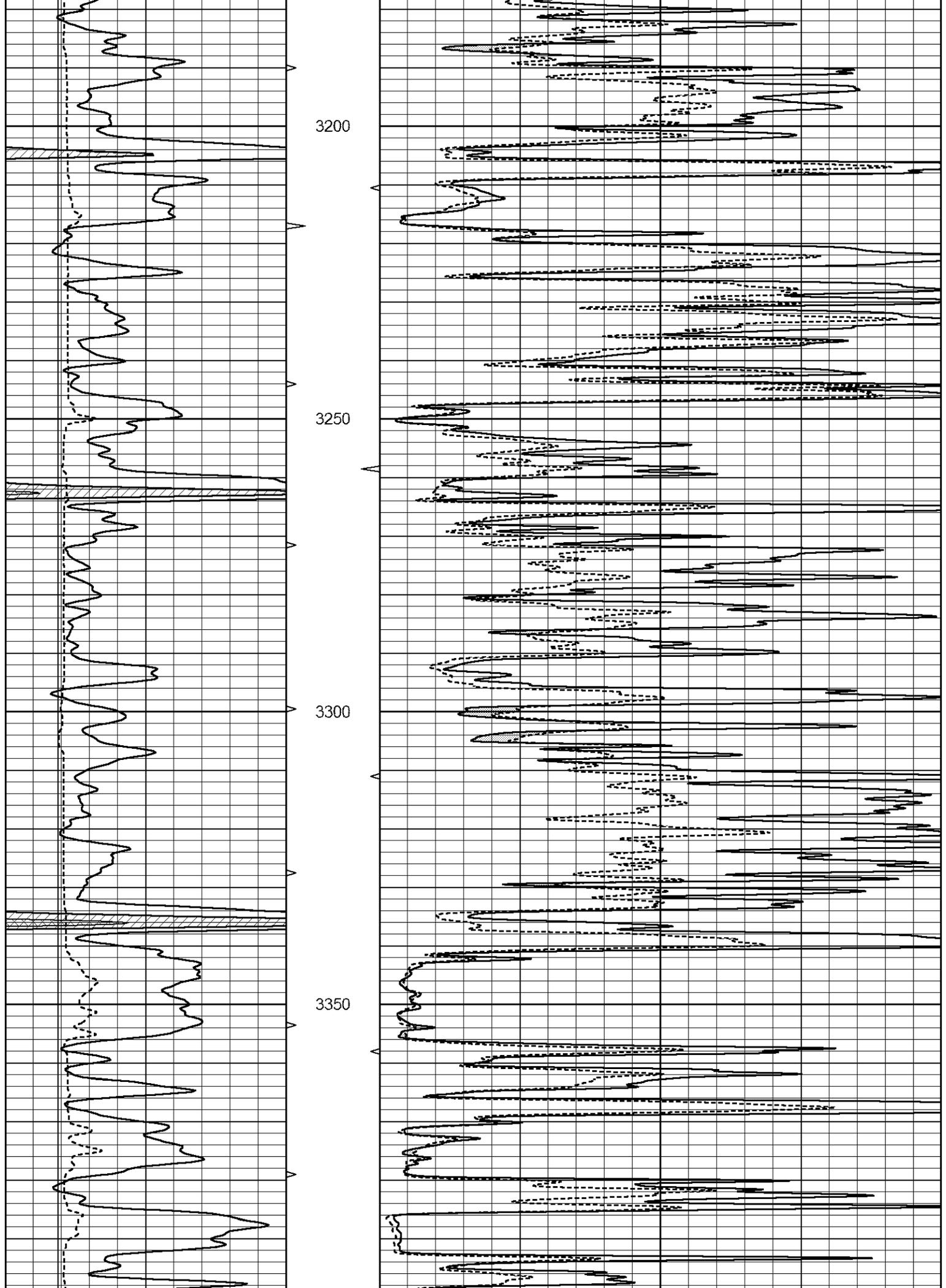


MAIN SECTION

Database File 2502ddn8.db
 Dataset Pathname pass9.1
 Presentation Format _micro
 Dataset Creation Tue May 08 10:56:19 2018
 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		



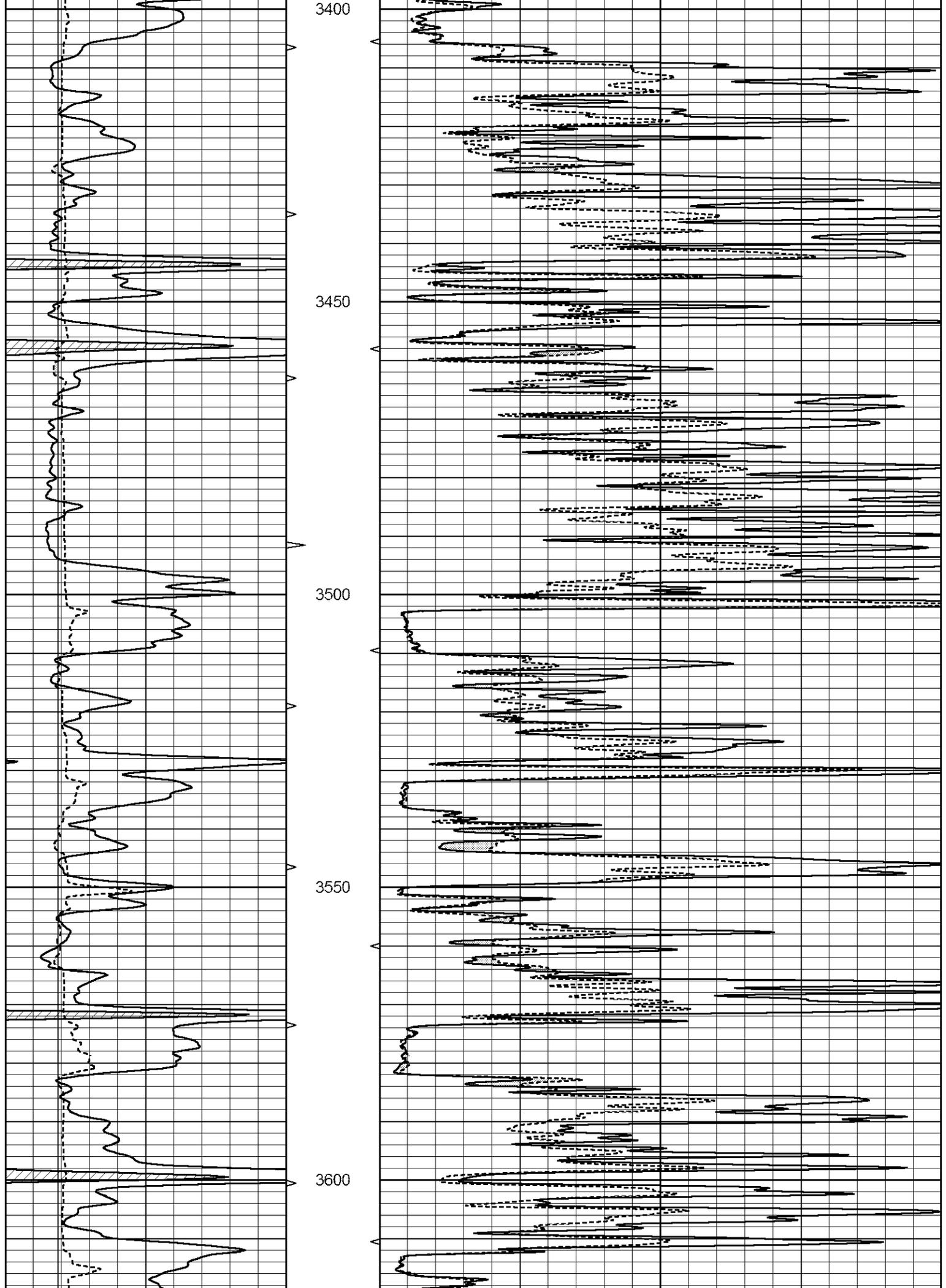


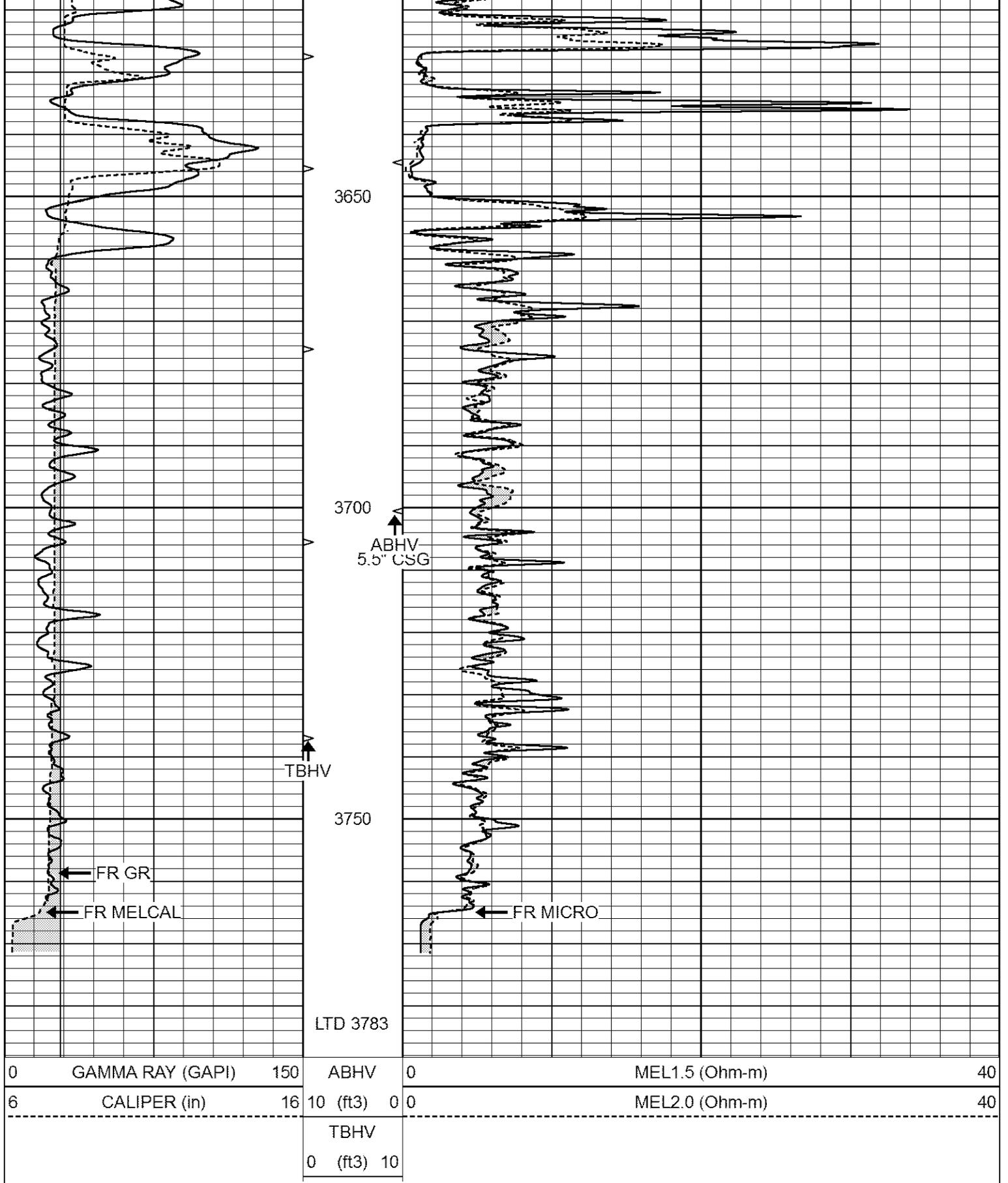
3200

3250

3300

3350

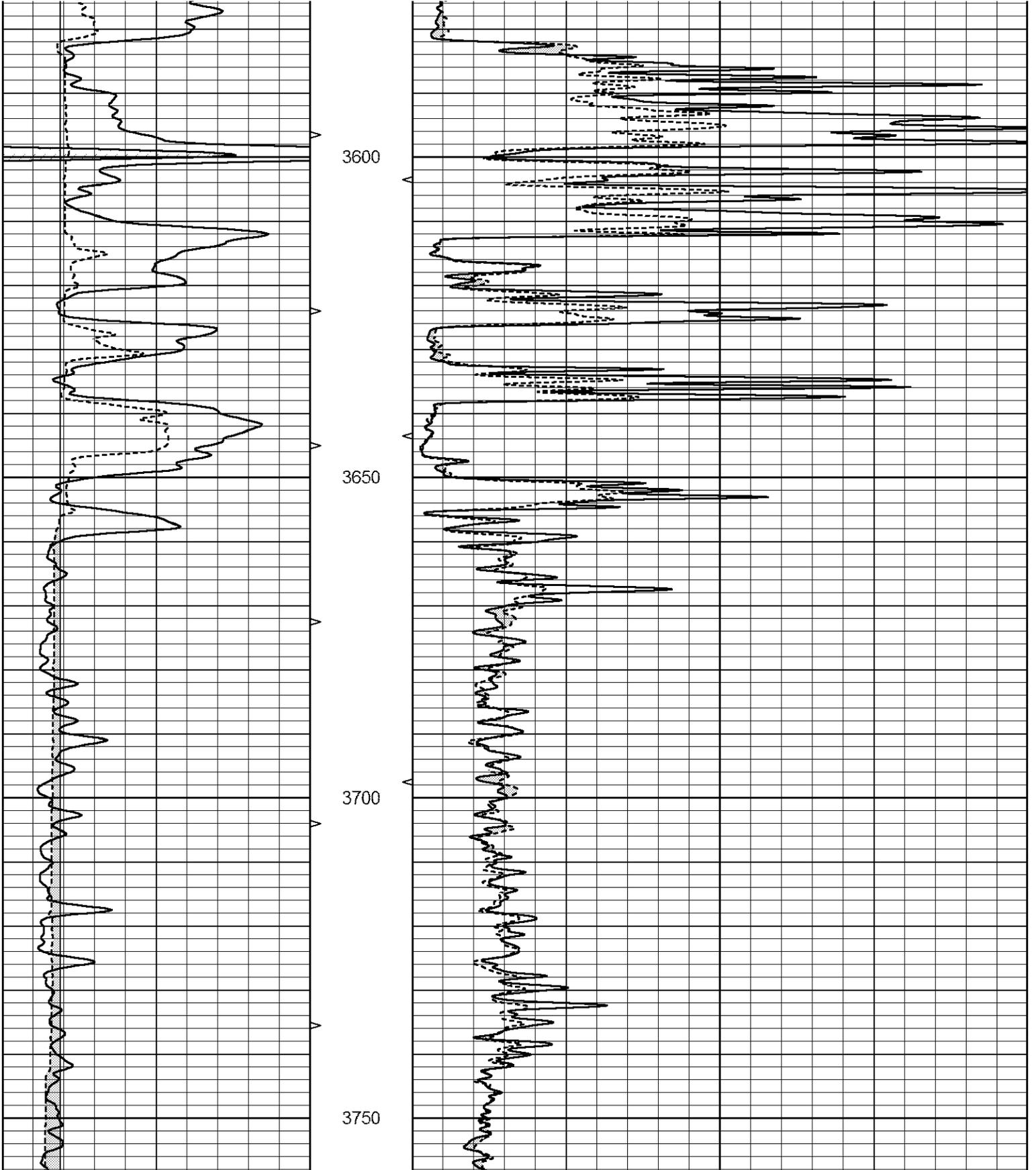




REPEAT SECTION

Dataset Pathname pass8.1
 Presentation Format _micro
 Dataset Creation Tue May 08 10:49:12 2018
 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		



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			

Calibration Report

Database File 2502ddn8.db
 Dataset Pathname pass8.1
 Dataset Creation Tue May 08 10:49:12 2018

MICRO_USR Calibration Report

Serial Number: 070910
 Tool Model: ProbeL
 Performed: Sat Mar 31 18:03:44 2018

Caliper Calibration: Gain=7.336 Offset=3.217

	Low Cal	High Cal
References	8.000	14.000
Readings	0.652	1.470

1.5" Calibration: Gain=25.000 Offset=-0.067

	Low Cal	High Cal
References	0.000	20.000
Readings	0.004	1.335

2" Calibration: Gain=55.000 Offset=-0.979

	Low Cal	High Cal
References	0.000	20.000
Readings	0.004	1.029

Microlog Calibration Report

Serial-Model: 070910-ProbeL
 Performed: (Not Performed)

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m	b
Normal	0.0000	1.0000	V	0.0000	1.0000	Ohm-m	1.0000	0.0000
Inverse	0.0000	1.0000	V	0.0000	1.0000	Ohm-m	1.0000	0.0000
Caliper	0.0000	1.0000	V	0.0000	1.0000	in	1.0000	0.0000

Gamma Ray Calibration Report

Serial Number: 7
 Tool Model: Probe1
 Performed: Wed Jun 29 11:10:58 2016

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps

Calibrator Reading: 1.0 cps

Sensitivity: 0.2600 GAPI/cps