

MICRO LOG

Company FOURWINDS OIL CORPORATION
 Well GLENNEMEIER "B" #1
 Field RAY WEST
 County NORTON State KANSAS

Location: API #: 15-137-20751-0000
 660' FNL & 1800' FEL
 W/2 E/2 NWNE
 SEC 28 TWP 5S RGE 21W
 Permanent Datum GROUND LEVEL Elevation 2276
 Log Measured From KELLY BUSHING 8' A.G.L
 Drilling Measured From KELLY BUSHING
 Other Services CDL/CNL DIL
 Elevation K.B. 2284 D.F. 2282 G.L. 2276

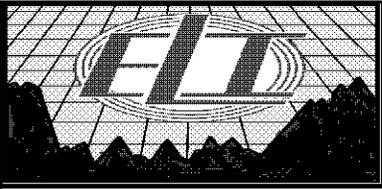
Date	3/5/19
Run Number	TWO
Depth Driller	3716
Depth Logger	3714
Bottom Logged Interval	3712
Top Log Interval	3000
Casing Driller	8 5/8" @ 222'
Casing Logger	222'
Bit Size	7 7/8"
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.3/46
PH / Fluid Loss	9.5/7.6
Source of Sample	FLOWLINE
Rm @ Meas. Temp	1.20 @ 60F
Rmt @ Meas. Temp	.90 @ 60F
Rmc @ Meas. Temp	1.44 @ 60F
Source of Rmf / Rmc	MEASUREMENT
Rm @ BHT	.63 @ 113F
Time Circulation Stopped	2 HOURS
Time Logger on Bottom	////
Maximum Recorded Temperature	113F
Equipment Number	3802
Location	HAYS, KANSAS
Recorded By	JASON CAPPELLUCCI
Witnessed By	JEFF LAWLER

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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

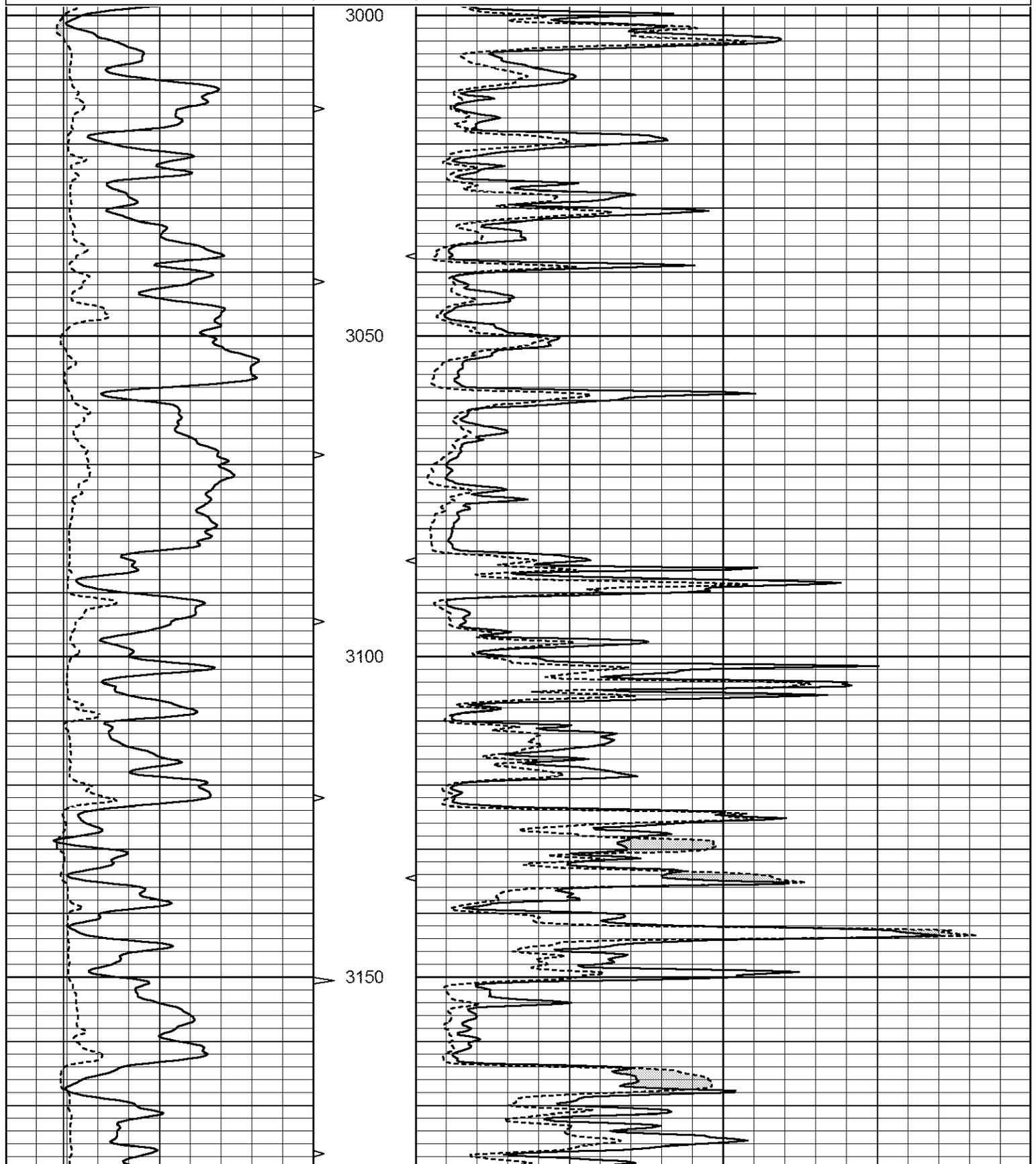
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
 DIRECTIONS
 LOGAN, KS. - WEST TO RD. 12 - 1 1/4 SOUTH - 1 WEST TO RD. 11 - 2 SOUTH
 WEST INTO ABOUT 500 FEET PAST TANK BATTERY

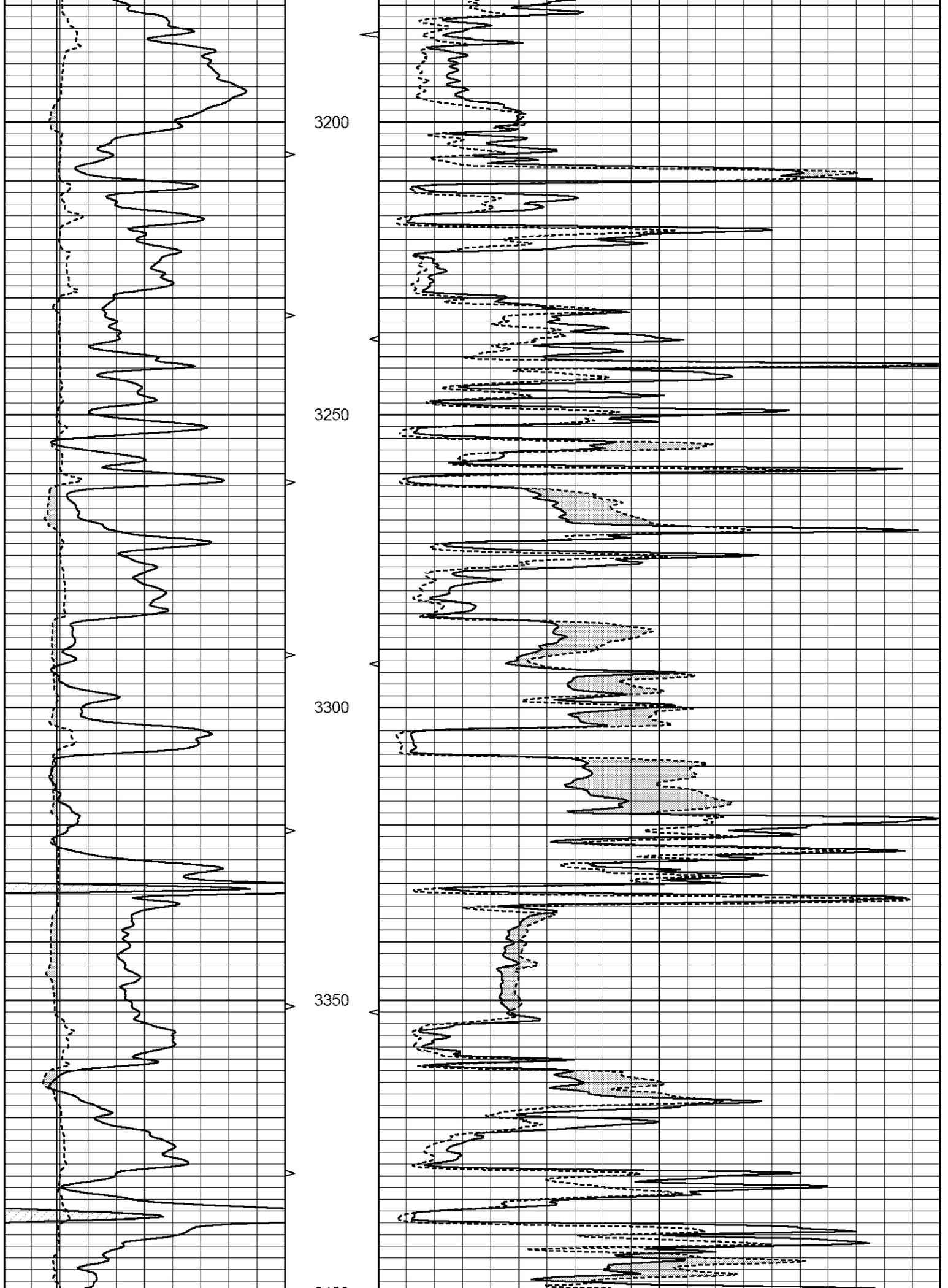


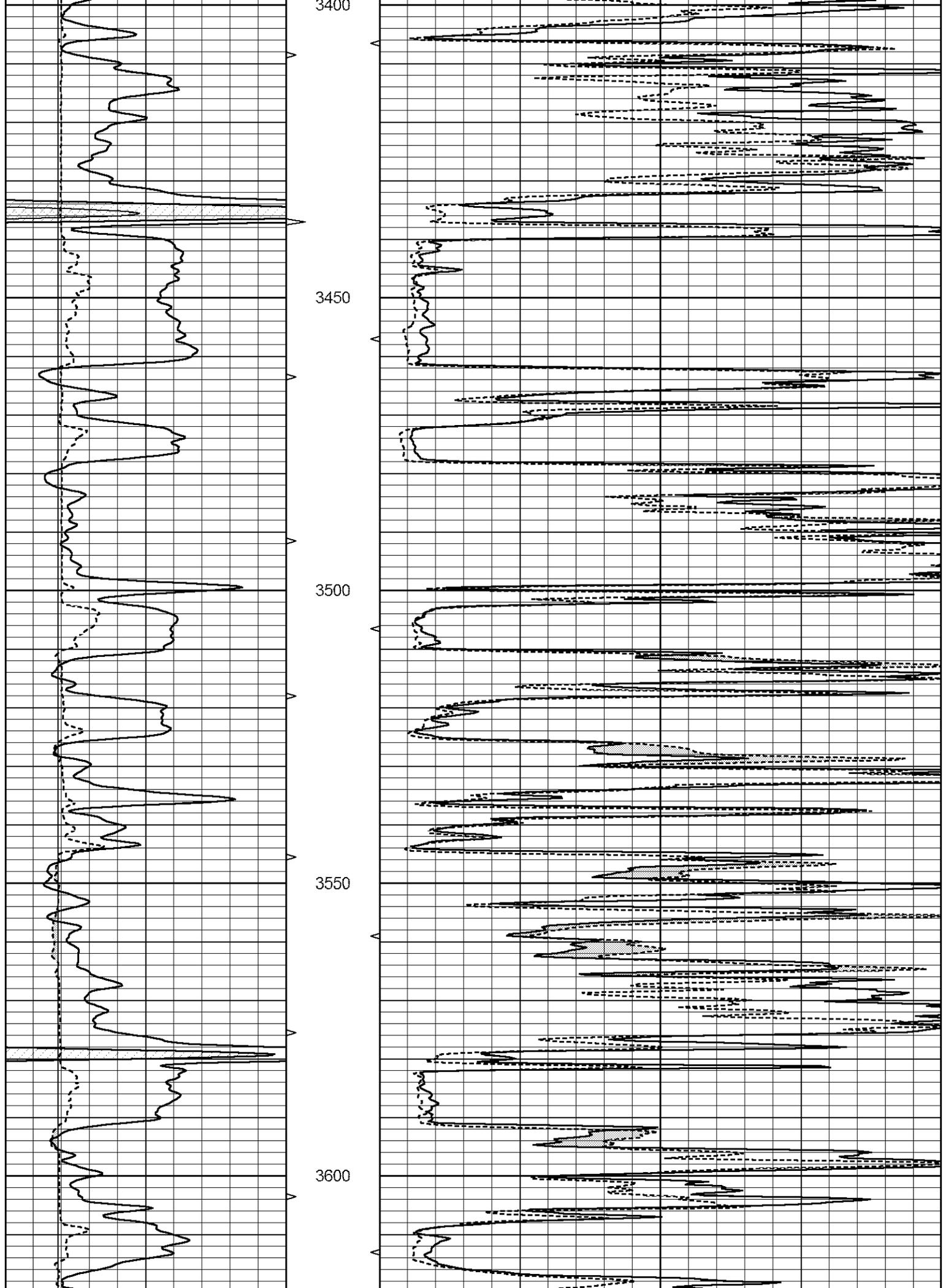
MAIN SECTION

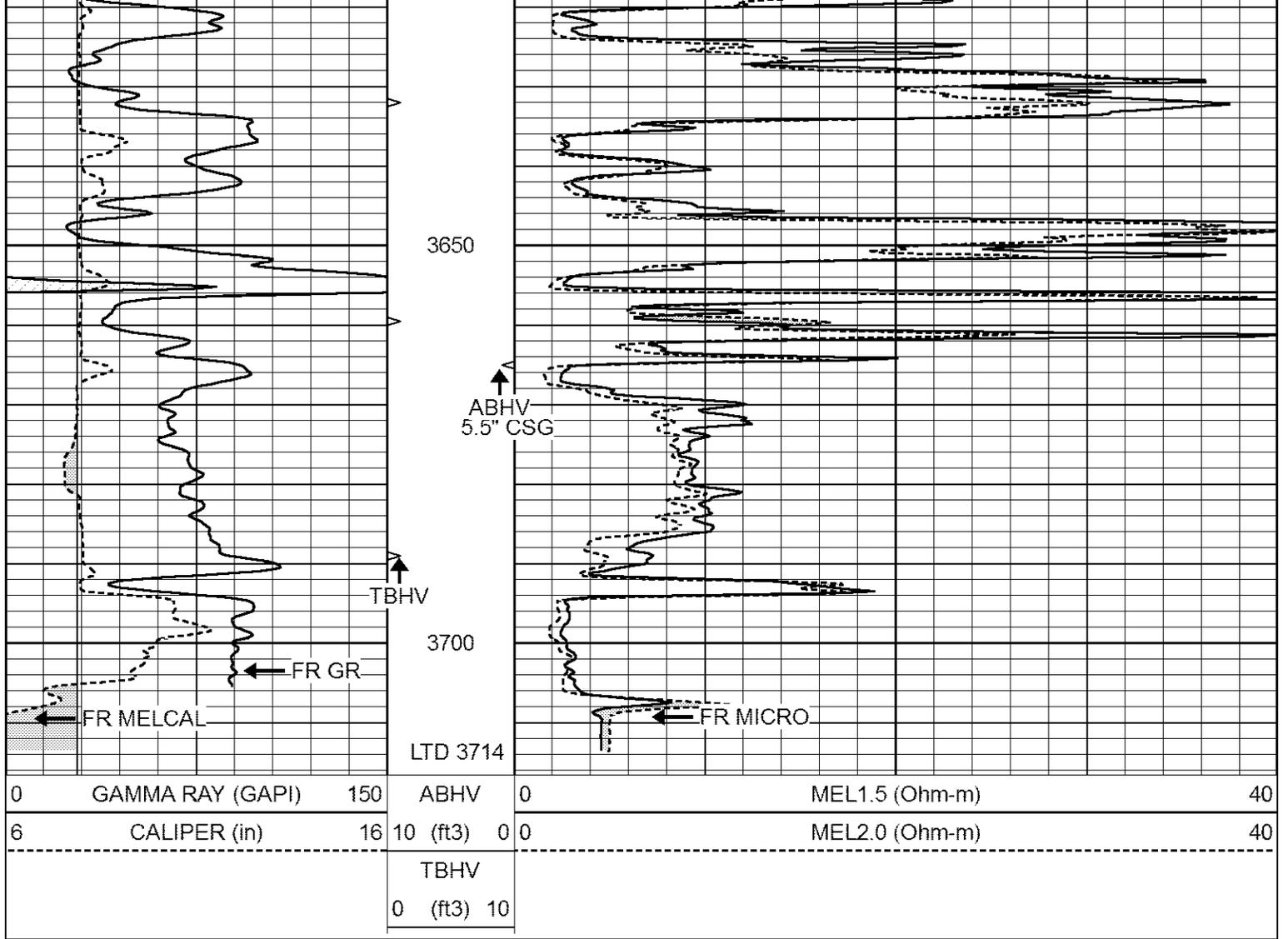
Database File 3448ddn8.db
 Dataset Pathname pass6.1
 Presentation Format _micro
 Dataset Creation Tue Mar 05 19:31:50 2019
 Charted by Depth in Feet scaled 1:240

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		





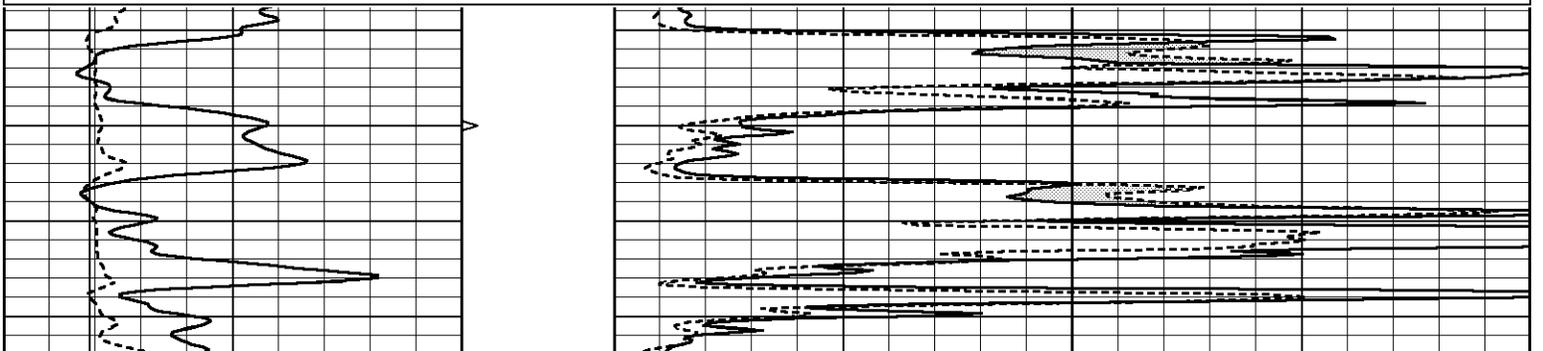


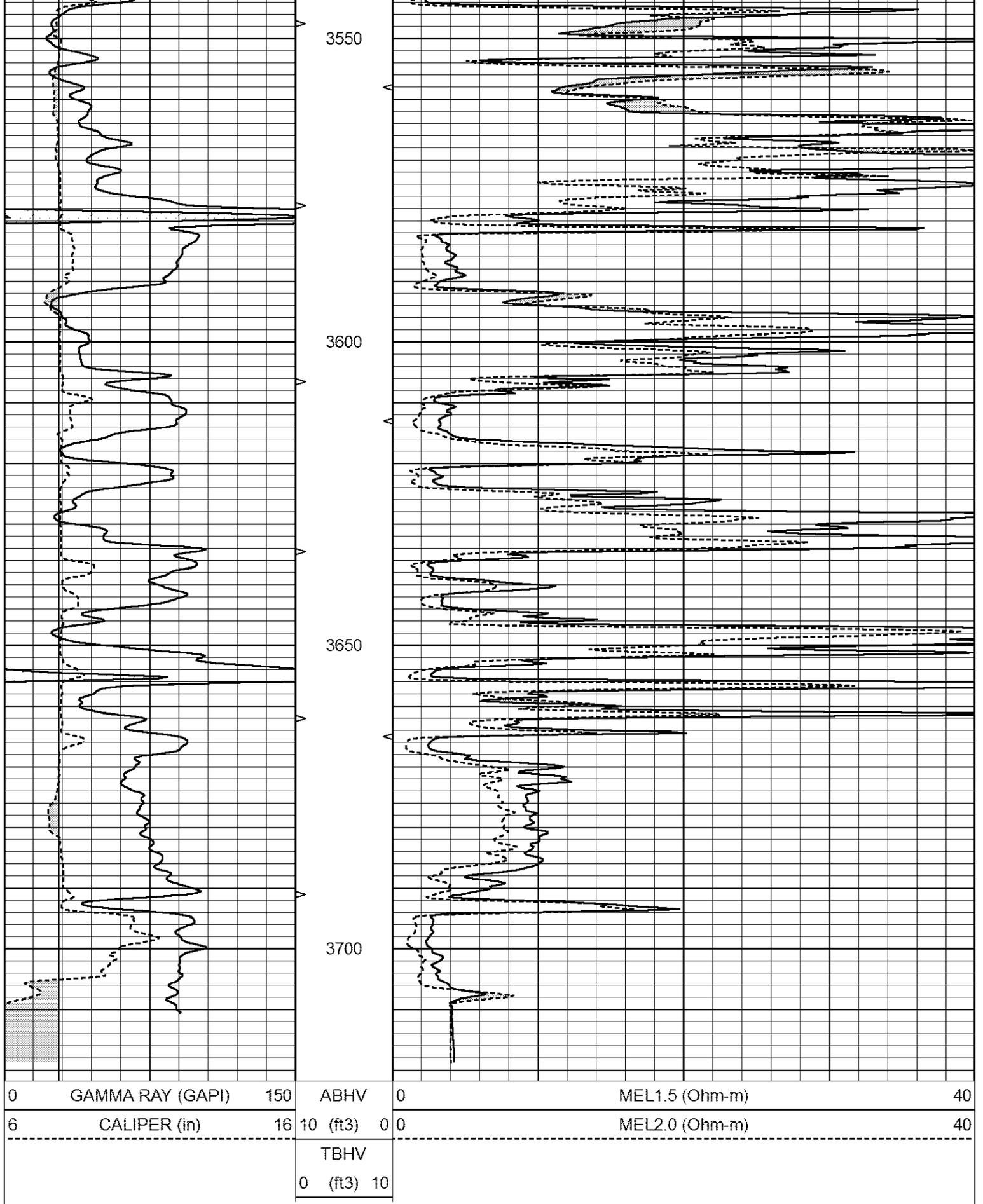


REPEAT SECTION

Database File 3448ddn8.db
 Dataset Pathname pass5.2
 Presentation Format _micro
 Dataset Creation Tue Mar 05 19:26:53 2019
 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			





Calibration Report

Database File 3448ddn8.db
 Dataset Pathname pass5.1
 Dataset Creation Tue Mar 05 19:16:03 2019

MICRO_USR Calibration Report

Serial Number: 070911
 Tool Model: ProbeL
 Performed: Mon Feb 18 18:01:45 2019

Caliper Calibration: Gain=3.755 Offset=2.750
 Low Cal High Cal
 References 8.000 14.000
 Readings 1.451 3.049

1.5" Calibration: Gain=37.000 Offset=0.000
 Low Cal High Cal
 References 0.000 20.000
 Readings 0.004 0.843

2" Calibration: Gain=55.000 Offset=-1.650
 Low Cal High Cal
 References 0.000 20.000
 Readings 0.021 0.810

Microlog Calibration Report

Serial-Model: 070911-ProbeL
 Performed: Sat Apr 11 01:13:01 2015

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m	b
Normal	0.0002	0.4836	V	0.0000	10.0000	Ohm-m	20.6908	-0.0051
Inverse	0.0018	0.6297	V	0.0000	10.0000	Ohm-m	15.9263	-0.0282
Caliper	0.0000	1.0000	V	0.0000	1.0000	in	1.0000	0.0000

Gamma Ray Calibration Report

Serial Number: 070558
 Tool Model: Probe1
 Performed: Mon Jan 21 19:38:56 2019

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps

Sensitivity: 0.2500 GAPI/cps