



MICRO LOG

Company CHARTER ENERGY, INC.

Well HIPP #1

Field TRAPP

County BARTON State KANSAS

Location: API #: 15-009-26312-0000

1272' FNL & 1256' FWL

SEC 27 TWP 16S RGE 13W

Permanent Datum GROUND LEVEL Elevation 1959
Log Measured From KELLY BUSHING 10' A.G.L.
Drilling Measured From KELLY BUSHING

Other Services
CDL/CNL
DIL
Elevation
K.B. 1969
D.F. 1967
G.L. 1959

Date 8/20/21

Run Number TWO

Depth Driller 3432

Depth Logger 3434

Bottom Logged Interval 3432

Top Log Interval 2700

Casing Driller 8 5/8" @ 449

Casing Logger 449

Bit Size 7 7/8

Type Fluid in Hole CHEMICAL MUD CHLORIDES 5100 PPM

Density / Viscosity 9.0/60

pH / Fluid Loss 11.0/5.4

Source of Sample FLOWLINE

Rm @ Meas. Temp .65 @ 80F

Rmf @ Meas. Temp .48 @ 80F

Rmc @ Meas. Temp .78 @ 80F

Source of Rmf / Rmc MEASUREMENT

Rm @ BHT .46 @ 111F

Time Circulation Stopped 2 HOURS

Time Logger on Bottom 111F

Maximum Recorded Temperature 111F

Equipment Number 3802

Location HAYS, KANSAS

Recorded By JASON CAPPELLUCCI

Witnessed By BOB O'DELL

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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

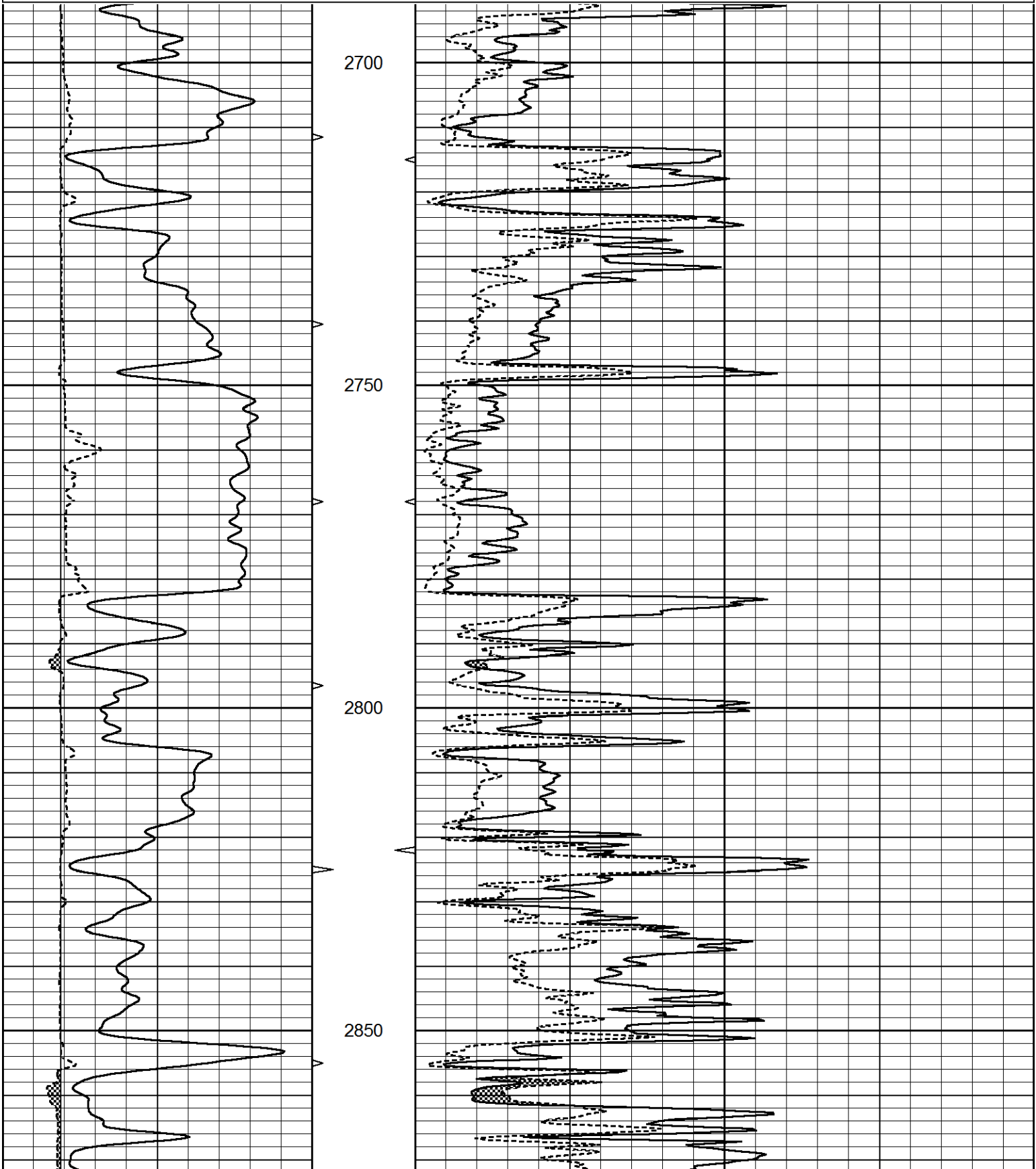
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
SUSANK, KS. - 1 1/8 EAST - SOUTH INTO

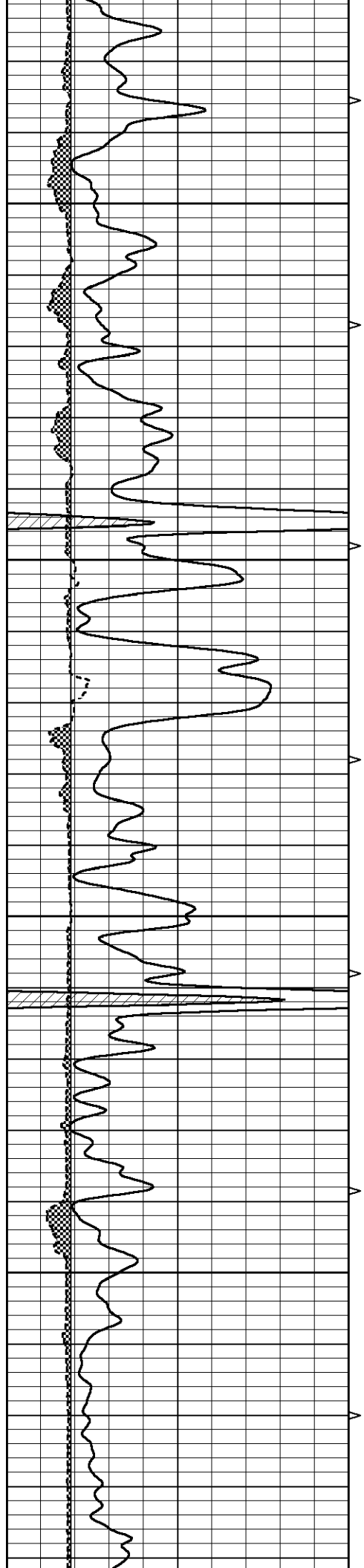


MAIN SECTION

Database File	5643ddn.db
Dataset Pathname	pass6.1
Presentation Format	_micro
Dataset Creation	Fri Aug 20 08:54:56 2021
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		



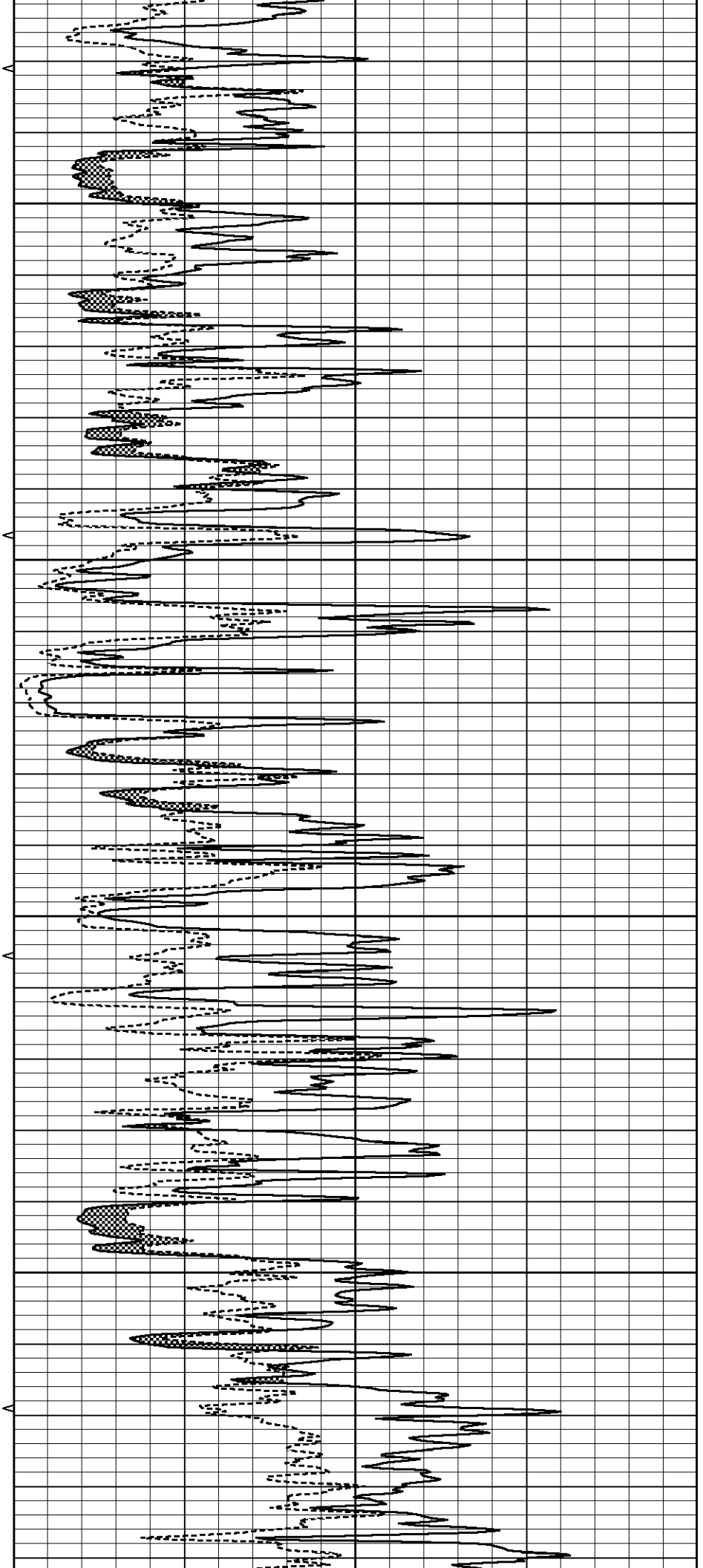


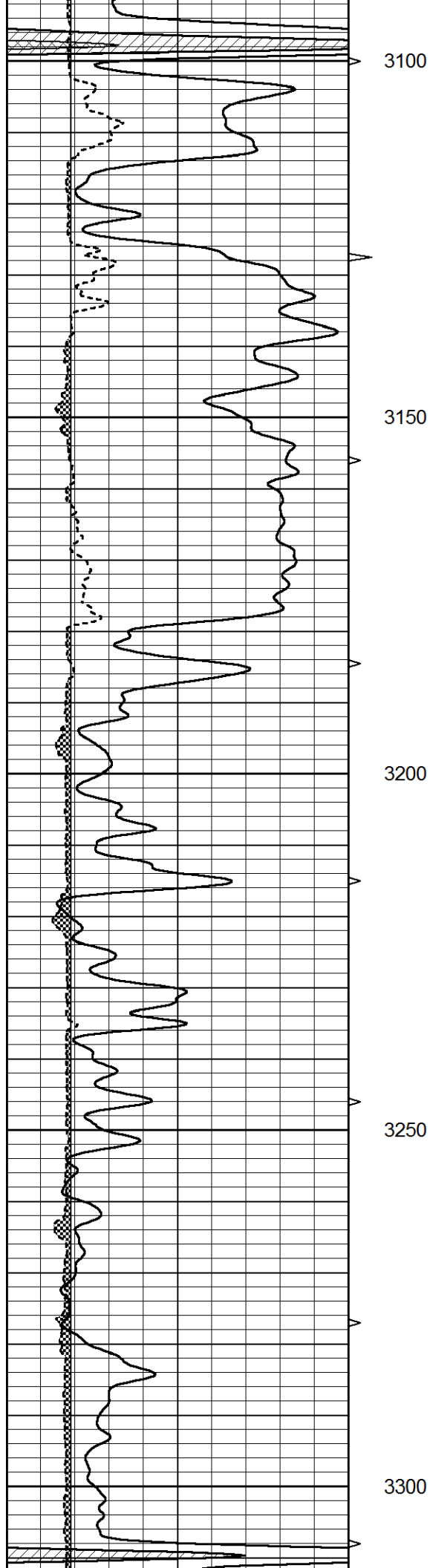
2900

2950

3000

3050





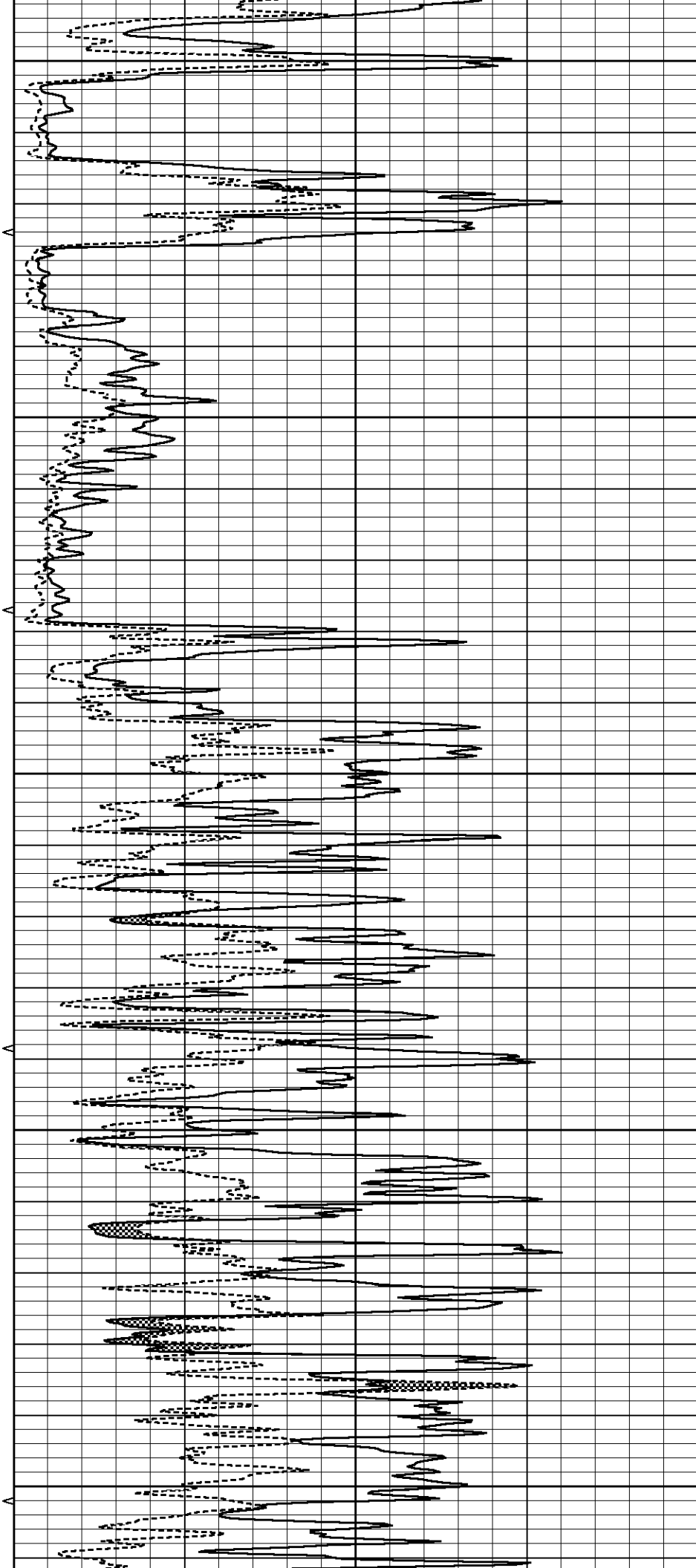
3100

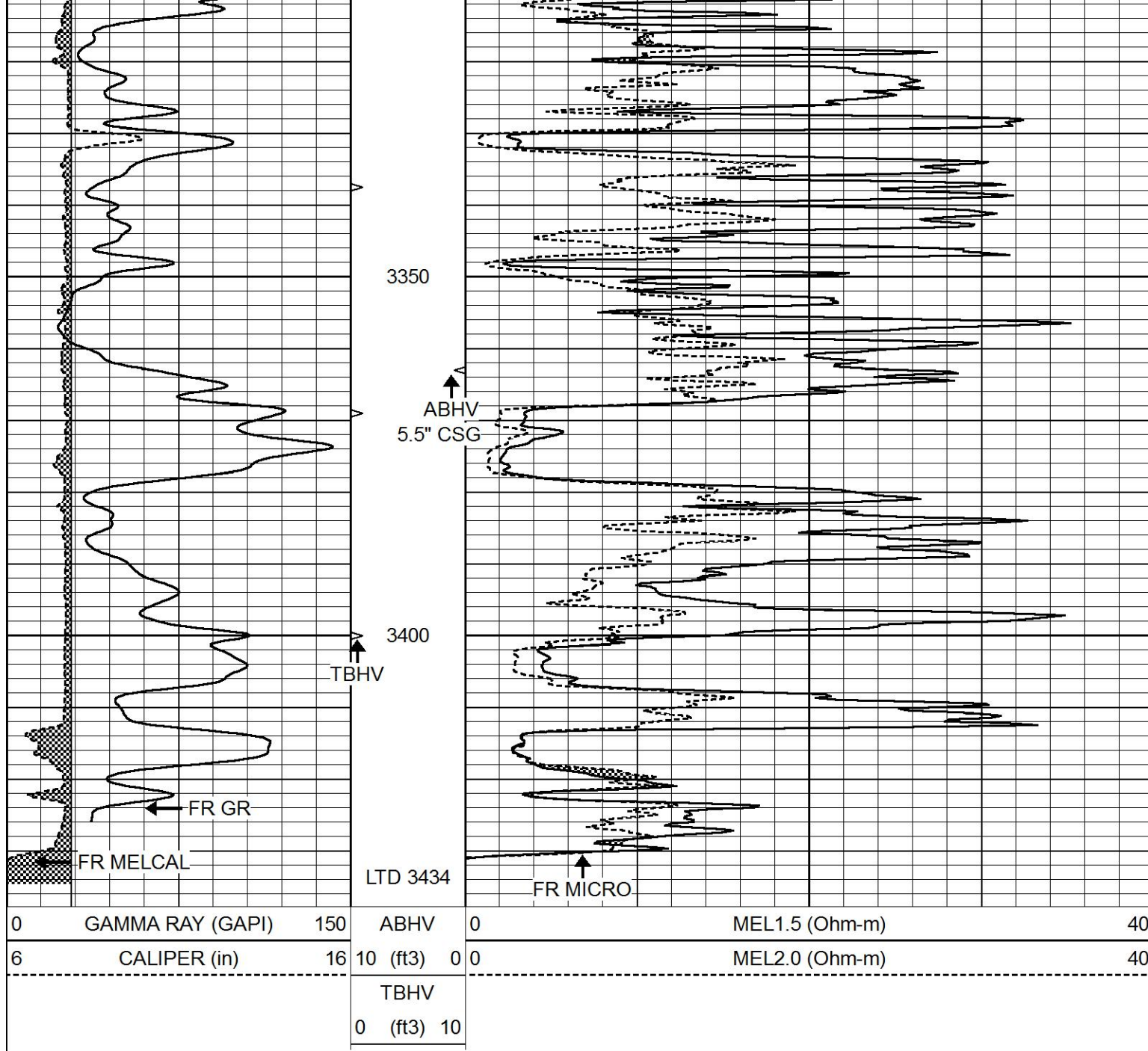
3150

3200

3250

3300

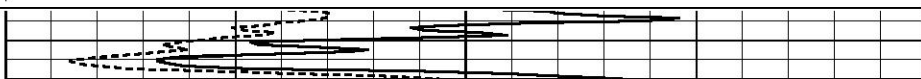
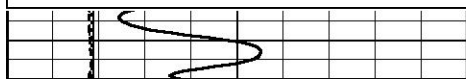


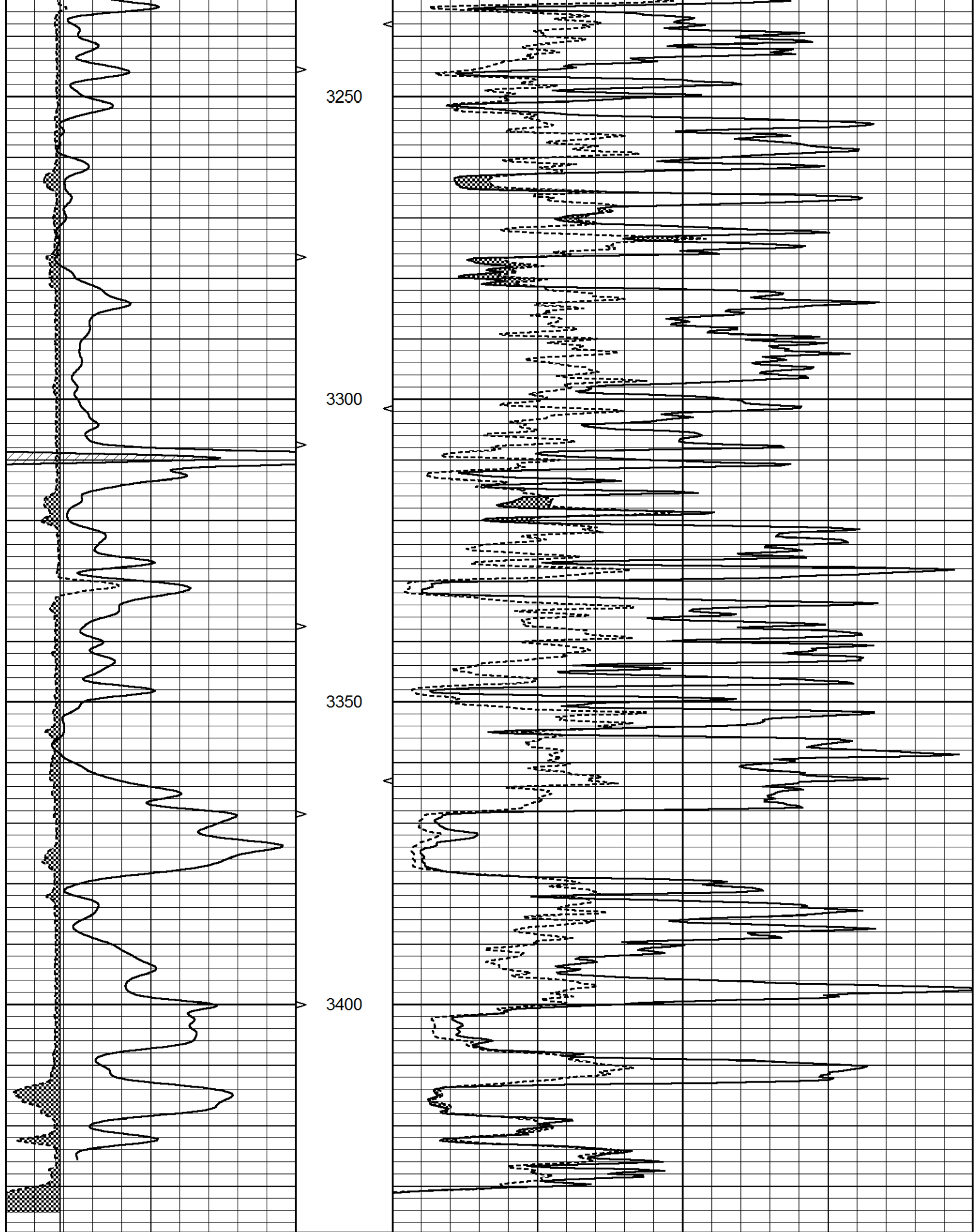


REPEAT SECTION

Database File 5643ddn.db
 Dataset Pathname pass5.1
 Presentation Format _micro
 Dataset Creation Fri Aug 20 08:50:36 2021
 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			





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)			

Calibration Report

Database File 5643ddn.db
 Dataset Pathname pass5.1
 Dataset Creation Fri Aug 20 08:50:36 2021

MICRO_USR Calibration Report

Serial Number: 070910
 Tool Model: ProbeL
 Performed: Thu Jun 10 10:36:57 2021

Caliper Calibration:	Gain=7.192	Offset=2.802
	Low Cal	High Cal
References	8.000	14.000
Readings	0.723	1.557

1.5" Calibration:	Gain=50.000	Offset=-0.567
	Low Cal	High Cal
References	0.000	20.000
Readings	0.004	1.335

2" Calibration:	Gain=85.000	Offset=-2.400
	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: 070558
 Tool Model: Probe1
 Performed: Fri Oct 30 21:32:56 2020

Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.2700	GAPI/cps