



MICRO LOG

Company ARP OPERATING, LLC.

Well CV #3

Field WILDCAT

County ELLIS State KANSAS

Location: API # : 15-051-26989-0000

1730' FNL & 915' FEL

SEC 16 TWP 12S RGE 20W

Permanent Datum GROUND LEVEL Elevation 2289
Log Measured From KELLY BUSHING 5' A.G.L.
Drilling Measured From KELLY BUSHING

Other Services
CDL/CNL/DIL
SON

Elevation

K.B. 2294
D.F. 2292
G.L. 2289

Date 11/22/20

Run Number TWO

Depth Driller 4120

Depth Logger 4123

Bottom Logged Interval 4106

Top Log Interval 3400

Casing Driller 8 5/8" @ 218

Casing Logger 218

Bit Size 7 7/8

Type Fluid in Hole CHEMICAL MUD

Density / Viscosity 9.1/54

pH / Fluid Loss 10.5/5.8

Source of Sample FLOWLINE

Rm @ Meas. Temp 1.1 @ 62F

Rmf @ Meas. Temp .83 @ 62F

Rmc @ Meas. Temp 1.32 @ 62F

Source of Rmf / Rmc MEASUREMENT

Rm @ BHT .58 @ 117F

Time Circulation Stopped 2 HOURS

Time Logger on Bottom

Maximum Recorded Temperature 117F

Equipment Number 3802

Location HAYS, KANSAS

Recorded By GUS PFANENSTIEL

Witnessed By SEAN DEENIHAN

<<< 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

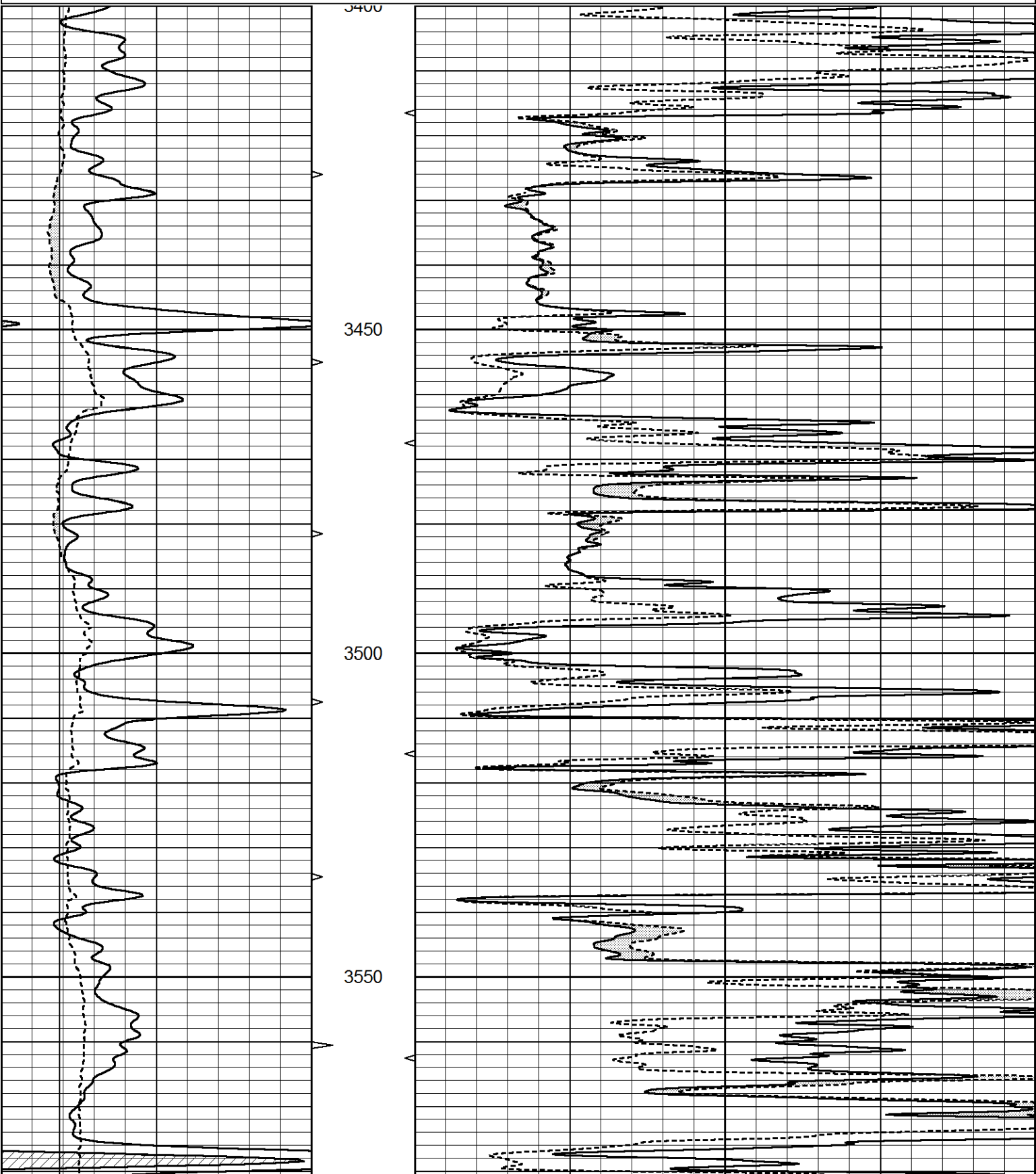
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
ELLIS NORTH 5 MILES ON BLACKTOP
WEST INTO.

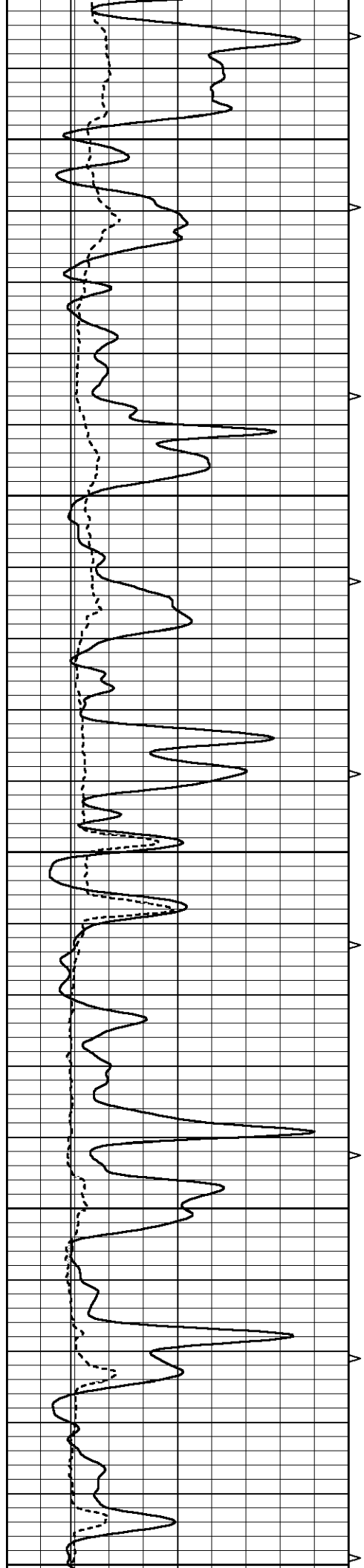


MAIN PASS

Database File	5241ddn.db
Dataset Pathname	pass1LAS
Presentation Format	_micro
Dataset Creation	Sun Nov 22 22:23:24 2020
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		





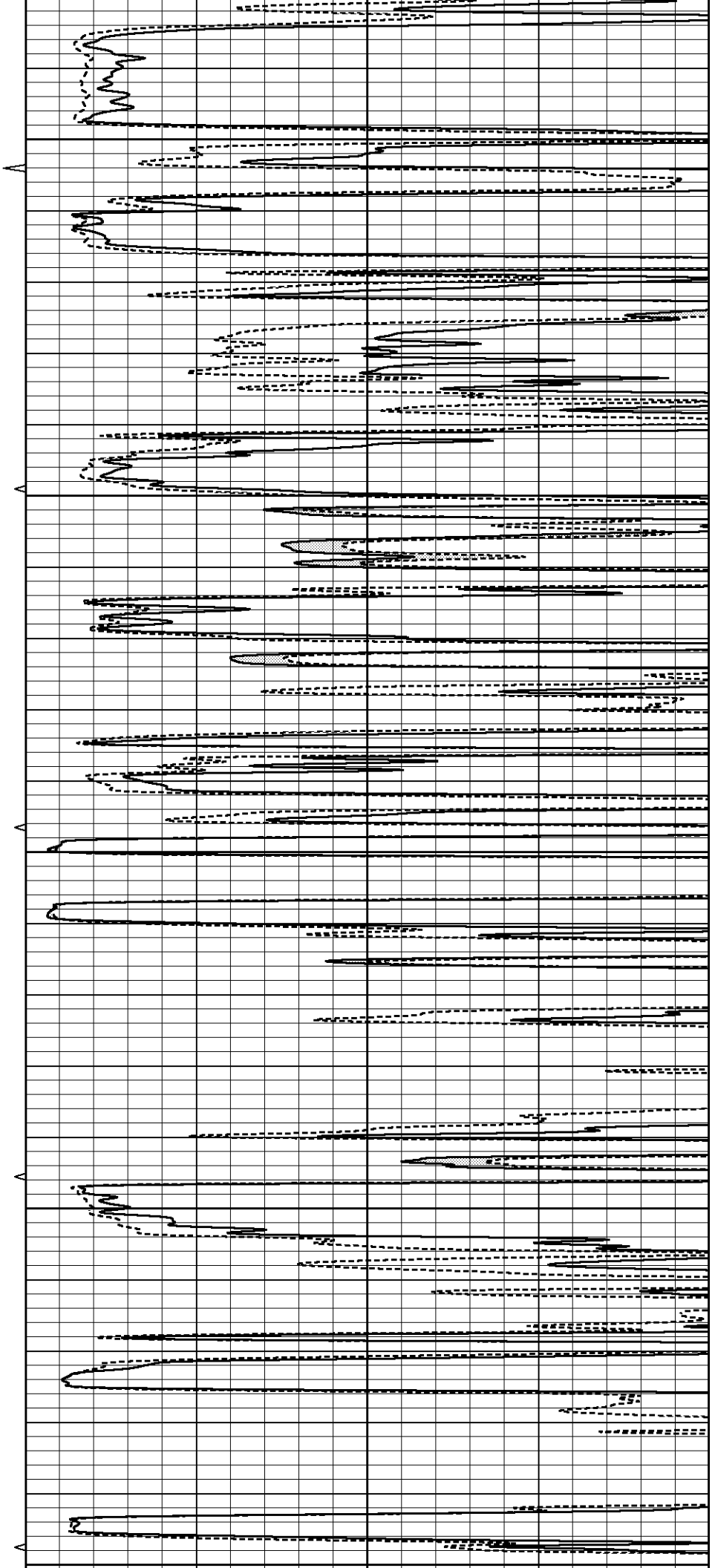
3600

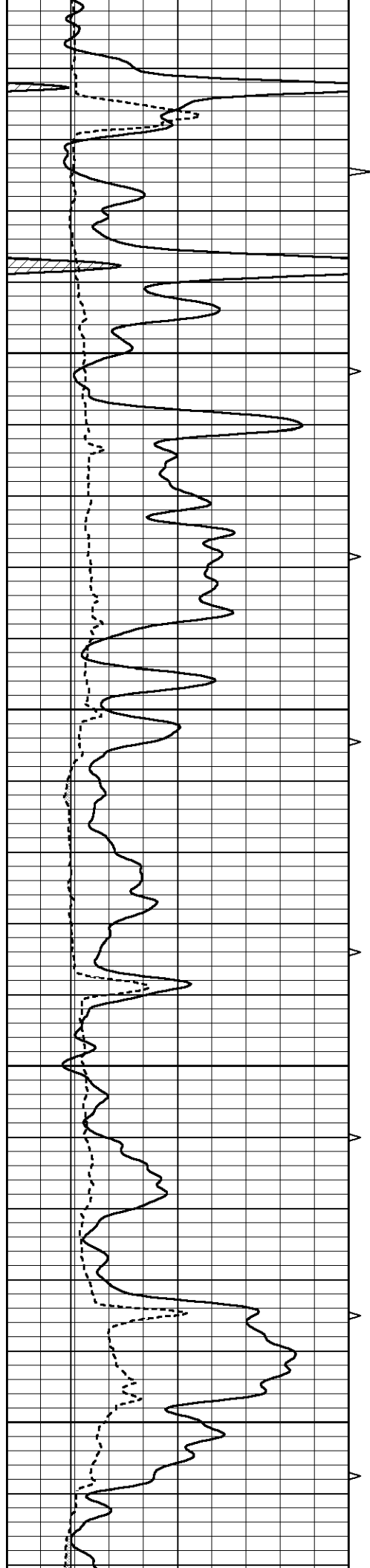
3650

3700

3750

3800





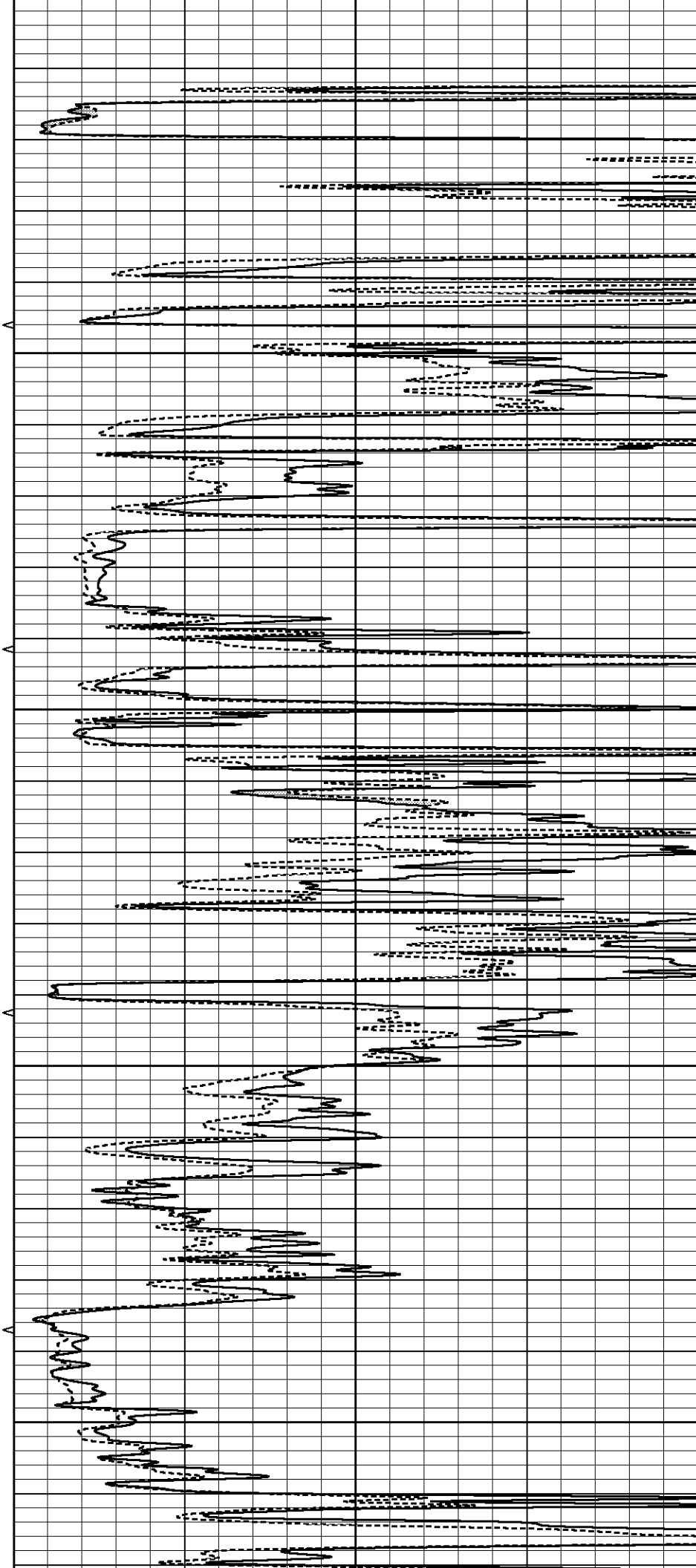
3880

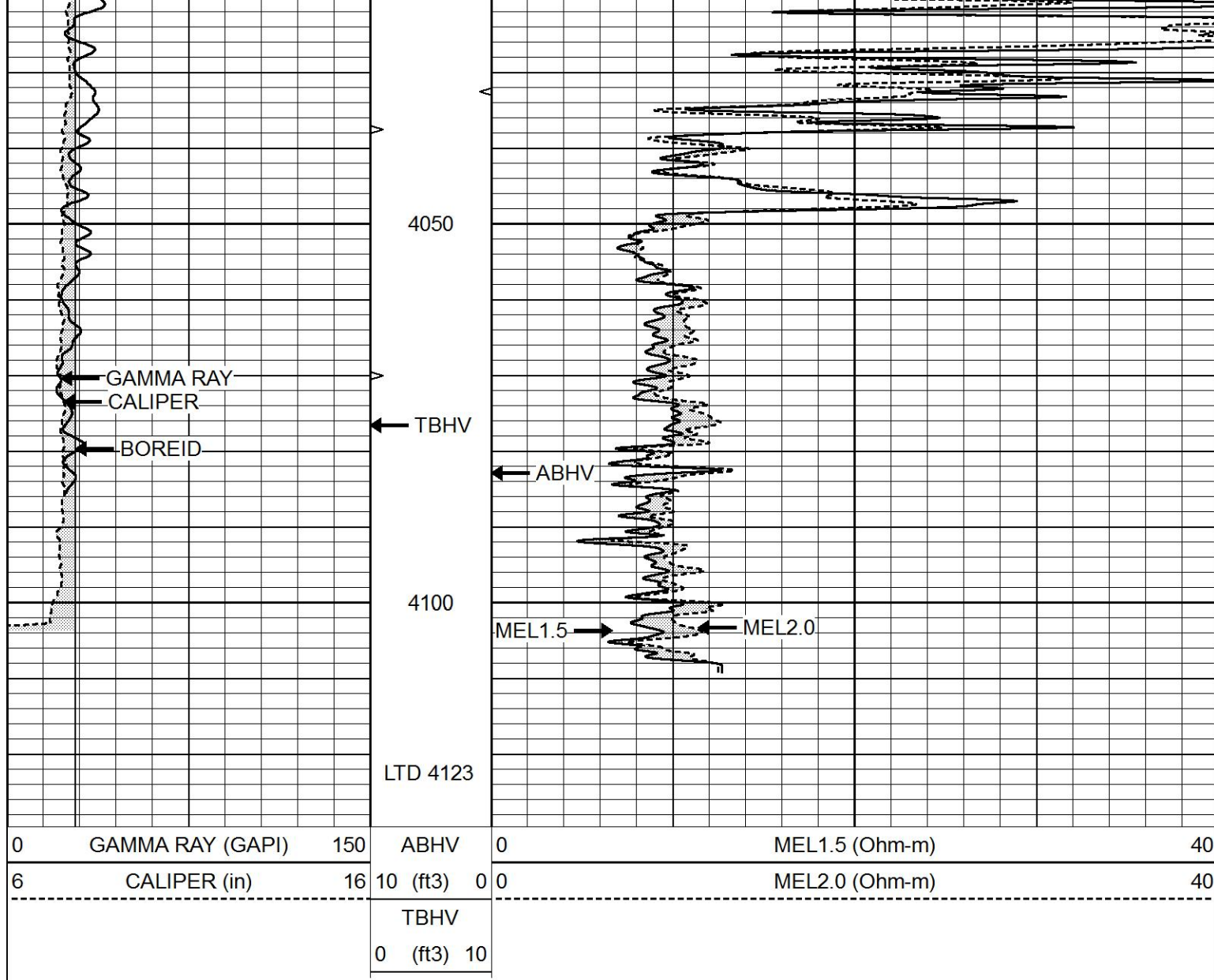
3850

3900

3950

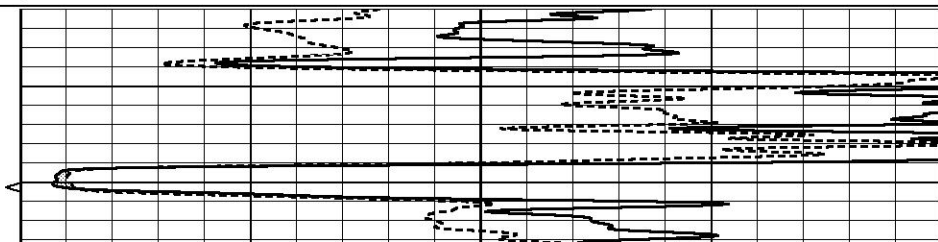
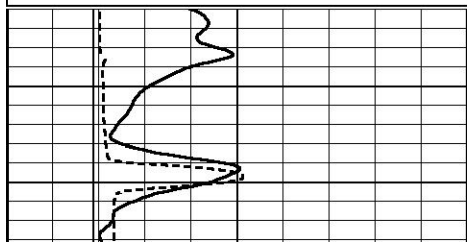
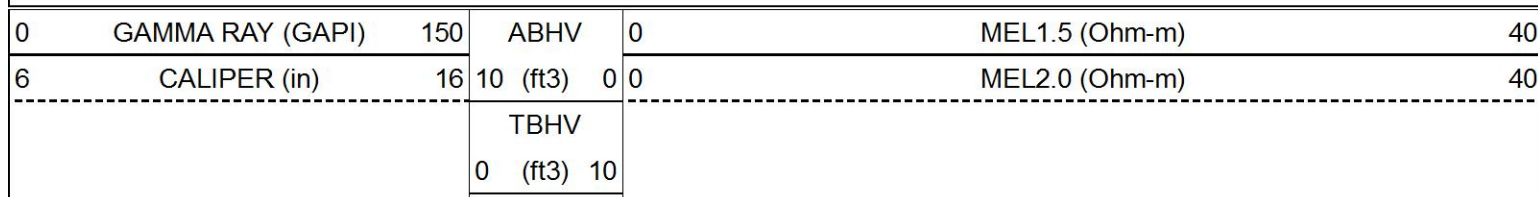
4000

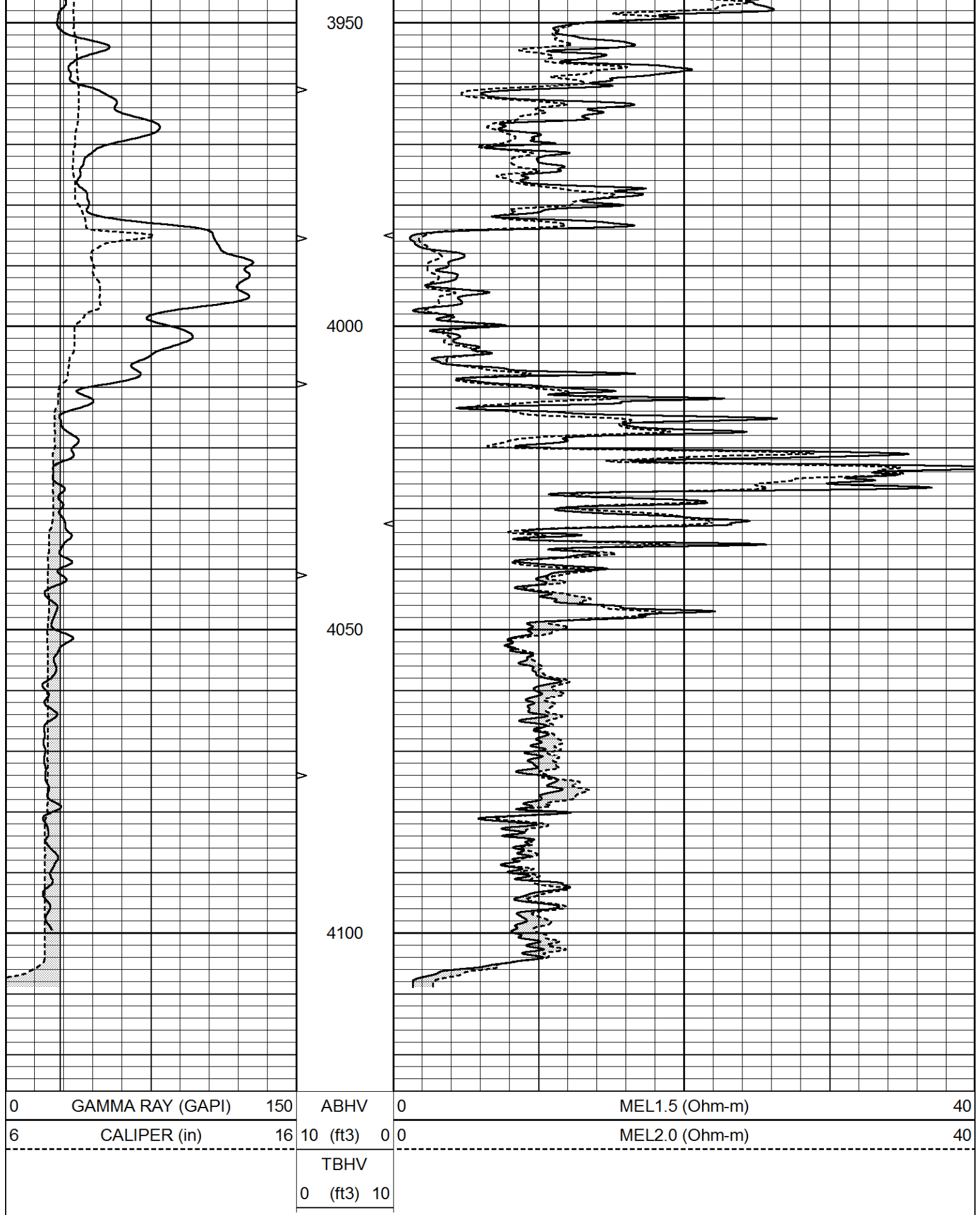




REPEAT SECTION

Database File 5241ddn.db
 Dataset Pathname pass4.1
 Presentation Format _micro
 Dataset Creation Sun Nov 22 21:59:32 2020
 Charted by Depth in Feet scaled 1:240





Calibration Report

Database File 5241ddn.db
Dataset Pathname pass4.1
Dataset Creation Sun Nov 22 21:59:32 2020

MICRO_USR Calibration Report								
Serial Number:		070910						
Tool Model:		ProbeL						
Performed:		Sat Nov 07 20:28:24 2020						
Caliper Calibration:		Gain=7.282	Offset=2.787					
References		Low Cal	High Cal					
Readings		8.000	14.000					
		0.647	1.471					
1.5" Calibration:		Gain=36.000	Offset=-0.567					
References		Low Cal	High Cal					
Readings		0.000	20.000					
		0.004	1.335					
2" Calibration:		Gain=35.000	Offset=0.000					
References		Low Cal	High Cal					
Readings		0.000	20.000					
		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:		0.2400	GAPI/cps					