

MICRO LOG



Company DOWNING NELSON OIL COMPANY, INC.
 Well GEIST-TILLET UNIT B #1-22
 Field CONNESS
 County GRAHAM
 State KANSAS

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Location: API #: 15-065-24187-0000
 1645' FSL & 2420' FEL
 SEC 22 TWP 10S RGE 23W
 Permanent Datum GROUND LEVEL Elevation 2347
 Log Measured From KELLY BUSHING 8' A.G.L
 Drilling Measured From KELLY BUSHING
 Other Services CDL/CNL DIL
 Elevation K.B. 2355 D.F. 2353 G.L. 2347

Date	11/25/20		
Run Number	TWO		
Depth Driller	3950		
Depth Logger	3952		
Bottom Logged Interval	3950		
Top Log Interval	3300		
Casing Driller	8 5/8" @ 220		
Casing Logger	220		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 3000 PPM	
Density / Viscosity	9.5/52		
pH / Fluid Loss	9.5/10.6		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.90 @ 64F		
Rmf @ Meas. Temp	.67 @ 64F		
Rmc @ Meas. Temp	1.08 @ 64F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.49 @ 116F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	////		
Maximum Recorded Temperature	116F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	MARC DOWNING		

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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

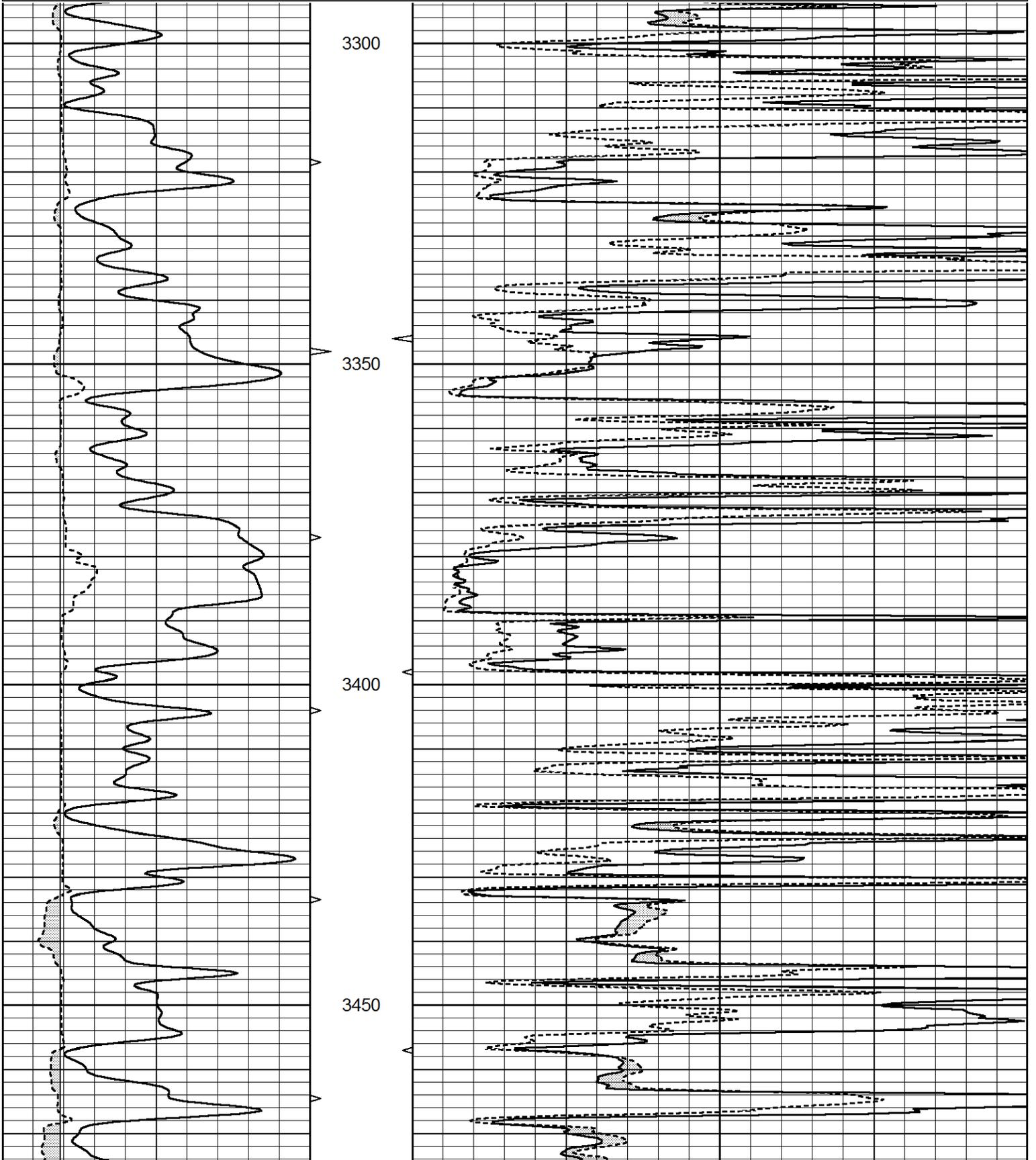
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
 DIRECTIONS
 WAKEENEY, KS. - NORTH TO GRAHAM COUNTY LINE - 2 MORE NORTH TO C RD.
 1/2 WEST - NORTH INTO

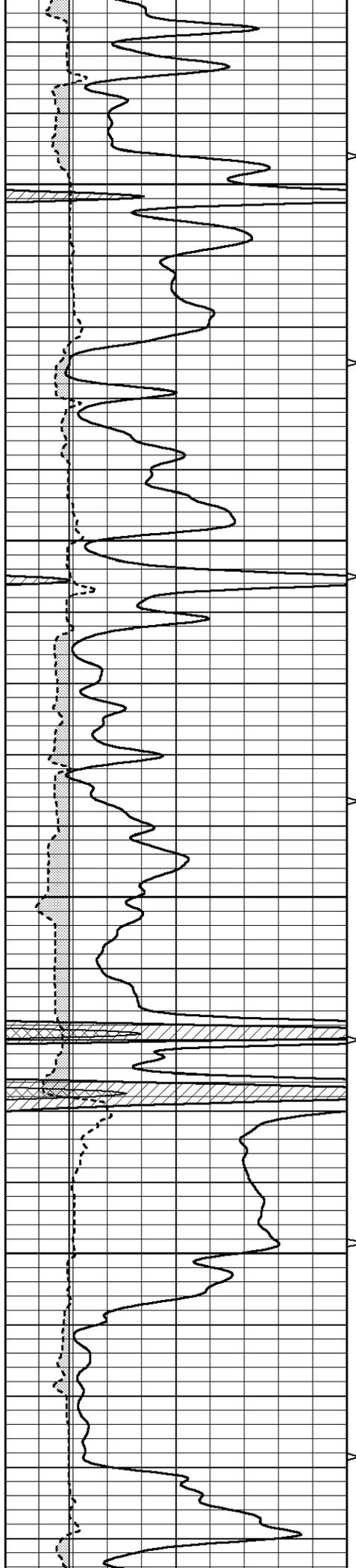


MAIN SECTION

Database File 5242ddn.db
 Dataset Pathname pass10.1
 Presentation Format _micro
 Dataset Creation Wed Nov 25 09:28:16 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	MEL2.0 (Ohm-m)	40
			TBHV			
			0 (ft3)	10		



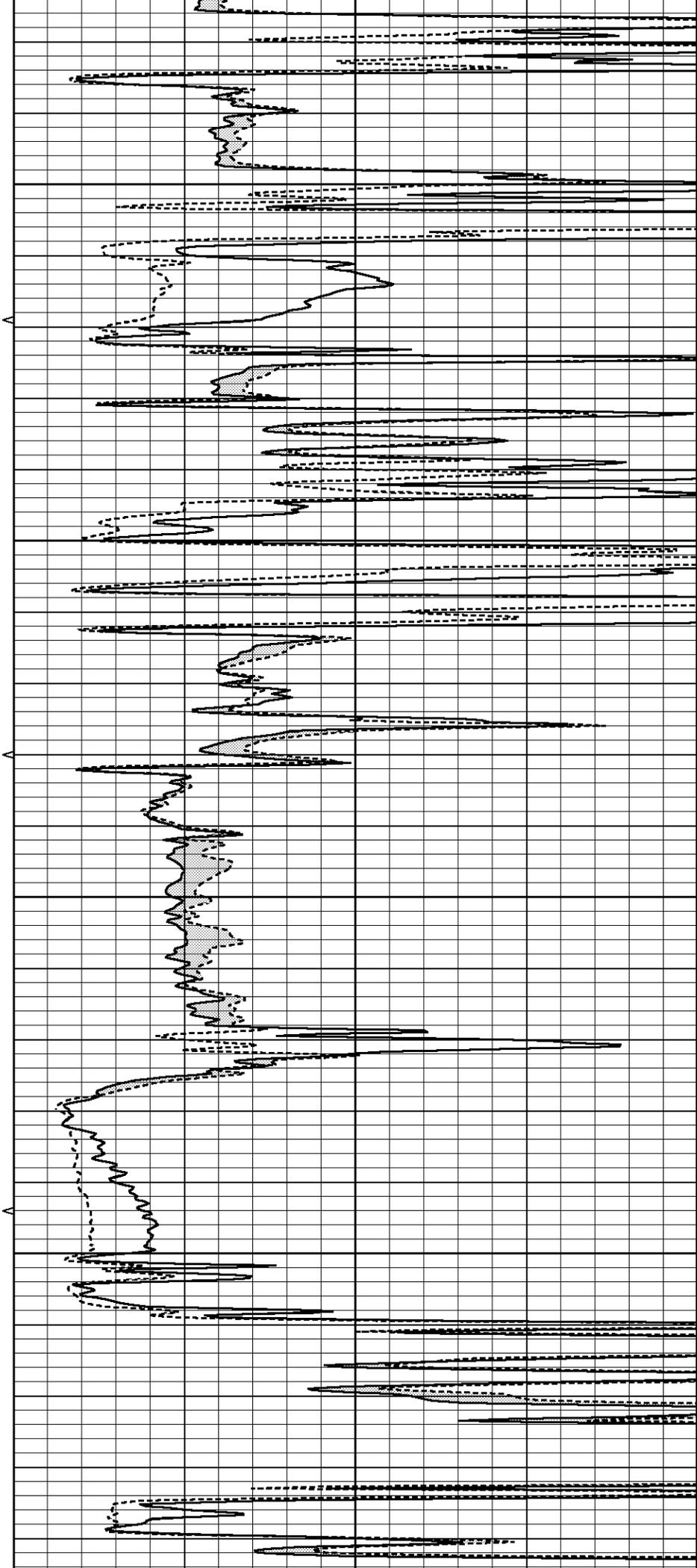


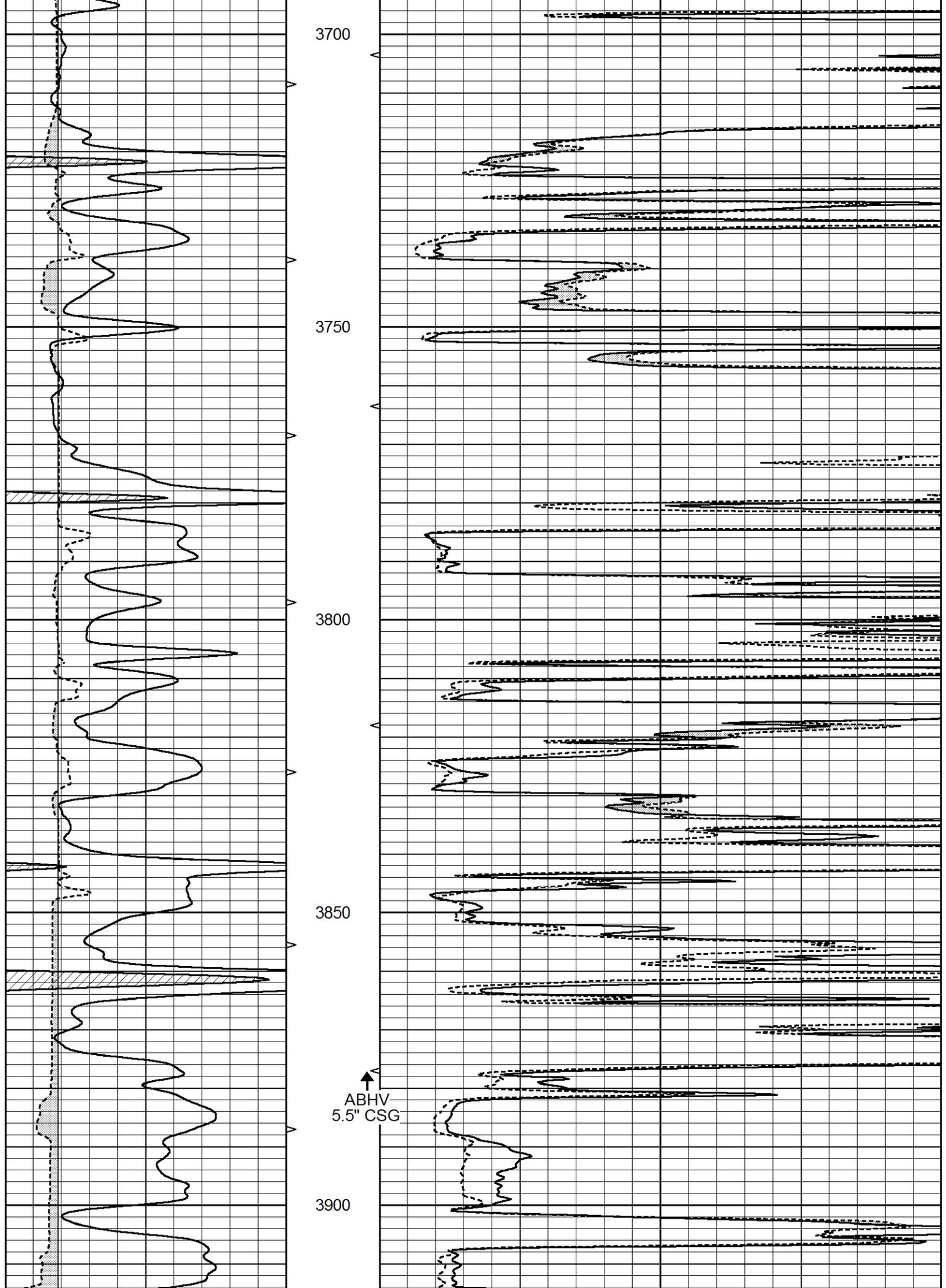
3500

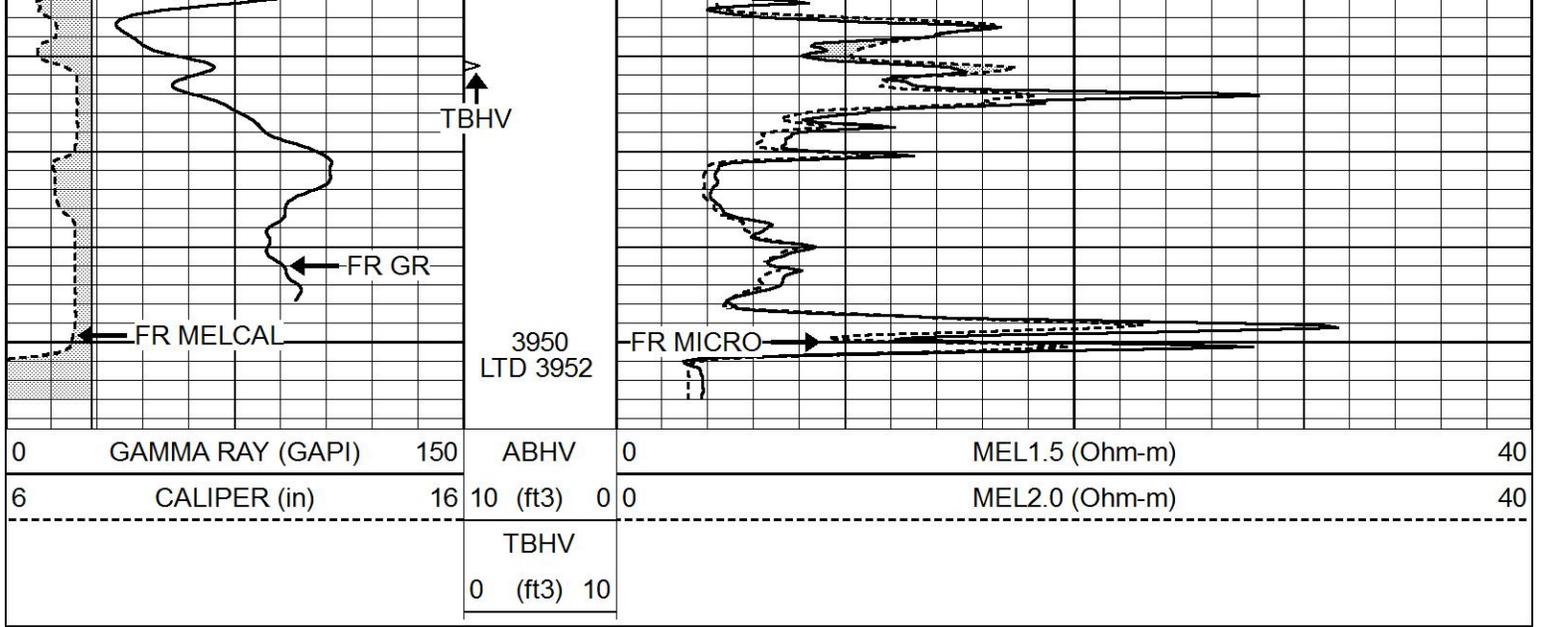
3550

3600

3650



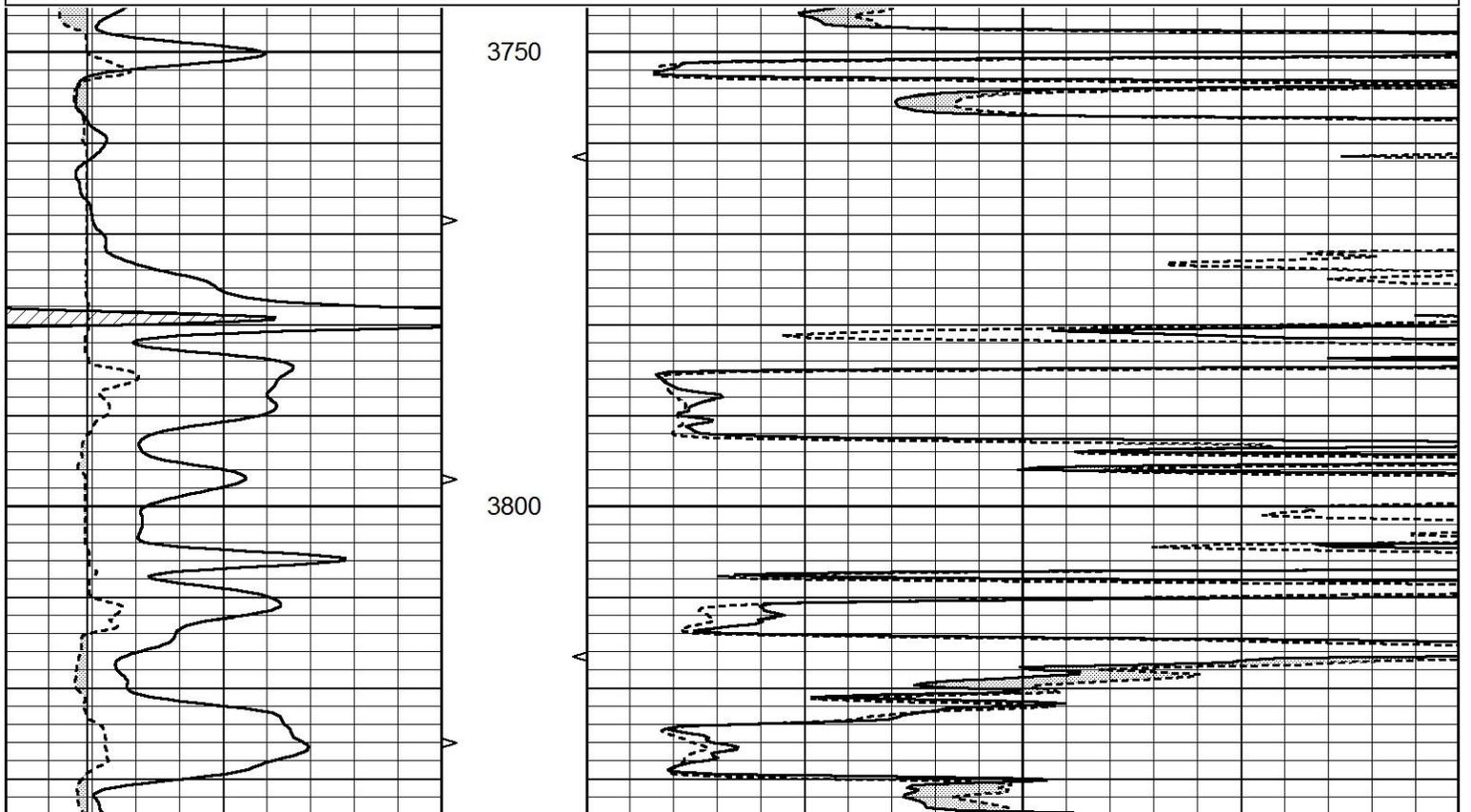


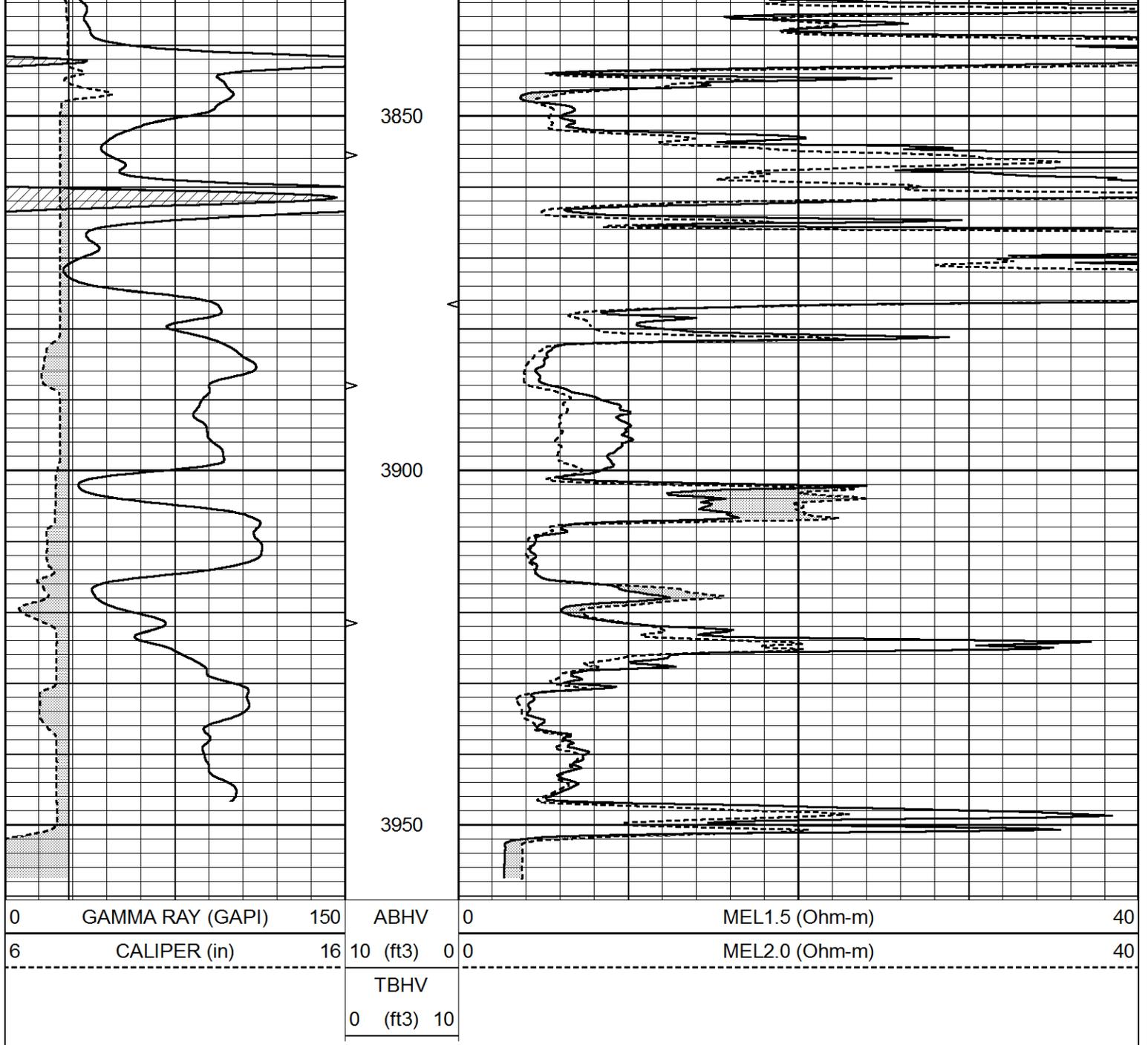


REPEAT SECTION

Database File 5242ddn.db
 Dataset Pathname pass9.1
 Presentation Format _micro
 Dataset Creation Wed Nov 25 09:27:51 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			





Calibration Report

Database File 5242ddn.db
 Dataset Pathname pass9.1
 Dataset Creation Wed Nov 25 09:27:51 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 8.000	High Cal 14.000
Readings	0.647	1.471
1.5" Calibration:	Gain=50.000	Offset=-0.567
	Low Cal	High Cal
	0.000	00.000

References	0.000	20.000
Readings	0.004	1.335

2" Calibration: Gain=45.000 Offset=0.000

References	Low Cal	High Cal
	0.000	20.000
Readings	0.004	1.029

Microlog Calibration Report

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