



MICRO LOG

Company SHELBY RESOURCES, LLC.

Well SLATTERY #1-16

Field

County BARTON State KANSAS

Location: API #: 15-009-26273-0000

902' FNL & 800' FWL

SEC 16 TWP 18S RGE 14W

Permanent Datum GROUND LEVEL Elevation 1959
Log Measured From KELLY BUSHING 5' A.G.L.
Drilling Measured From KELLY BUSHING

Other Services
CDL/CNL
DIL/SON

Elevation
K.B. 1964
D.F. 1962
G.L. 1959

Date 10/3/19

Run Number TWO

Depth Driller 3550

Depth Logger 3545

Bottom Logged Interval 3527

Top Log Interval 2800

Casing Driller 8 5/8" @ 938'

Casing Logger 938'

Bit Size 7 7/8

Type Fluid in Hole CHEMICAL MUD CHLORIDES 6600 PPM

Density / Viscosity 9.2/52

pH / Fluid Loss 9.5/9.6

Source of Sample FLOWLINE

Rm @ Meas. Temp .70 @ 80F

Rmf @ Meas. Temp .52 @ 80F

Rmc @ Meas. Temp .84 @ 80F

Source of Rmf / Rmc MEASUREMENT

Rm @ BHT .50 @ 112F

Time Circulation Stopped 2 HOURS

Time Logger on Bottom

Maximum Recorded Temperature 112F

Equipment Number 3802

Location HAYS, KANSAS

Recorded By JASON CAPPELLUCCI

Witnessed By JEREMY SCHWARTZ

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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

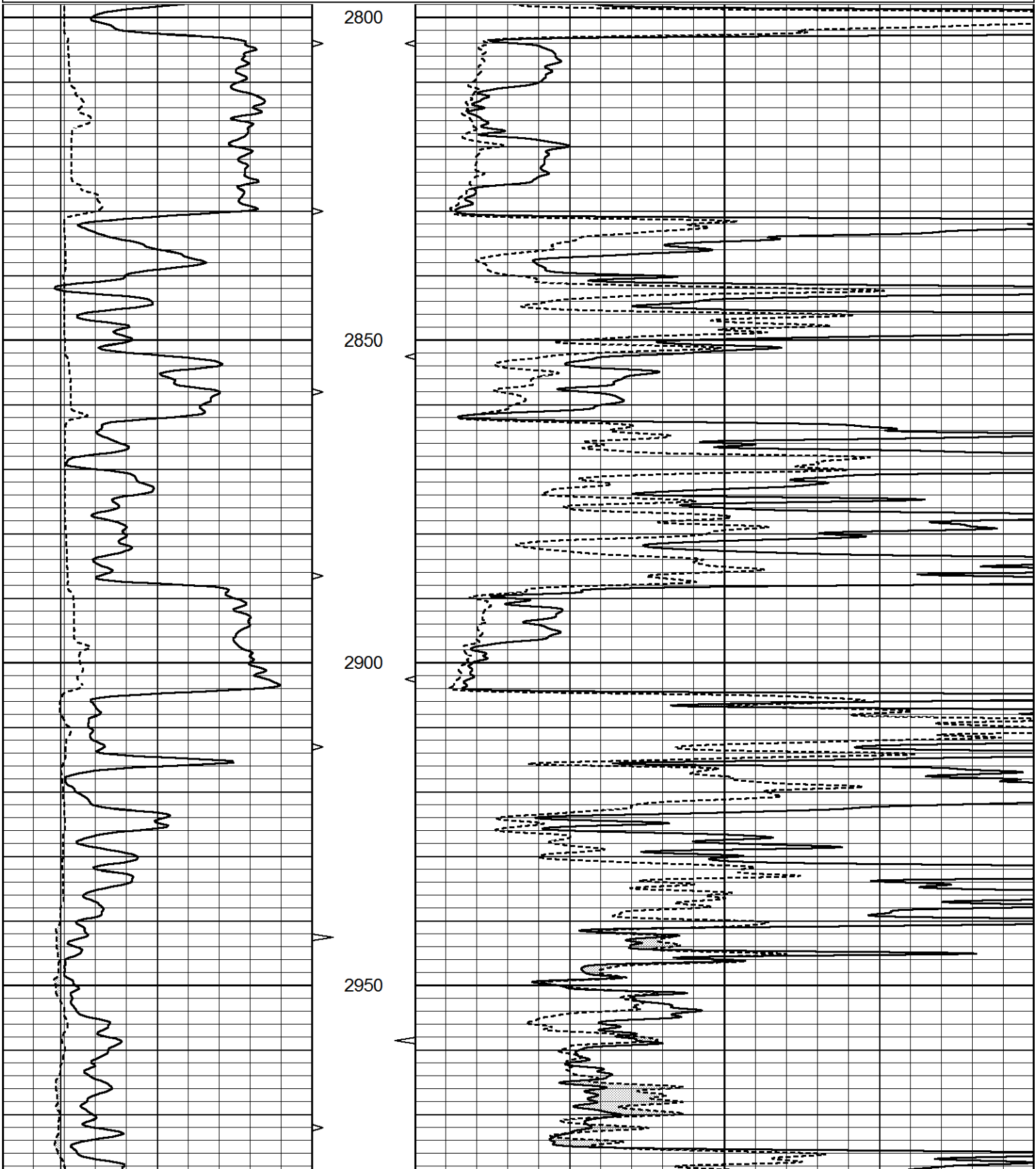
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
RUSSELL KS, SOUTH TO INTERSECTION OF HWY 281 & HWY 4 - 3 SOUTH ON BOYD
BLKTOP - 2 WEST - 1/4 SOUTH - EAST INTO

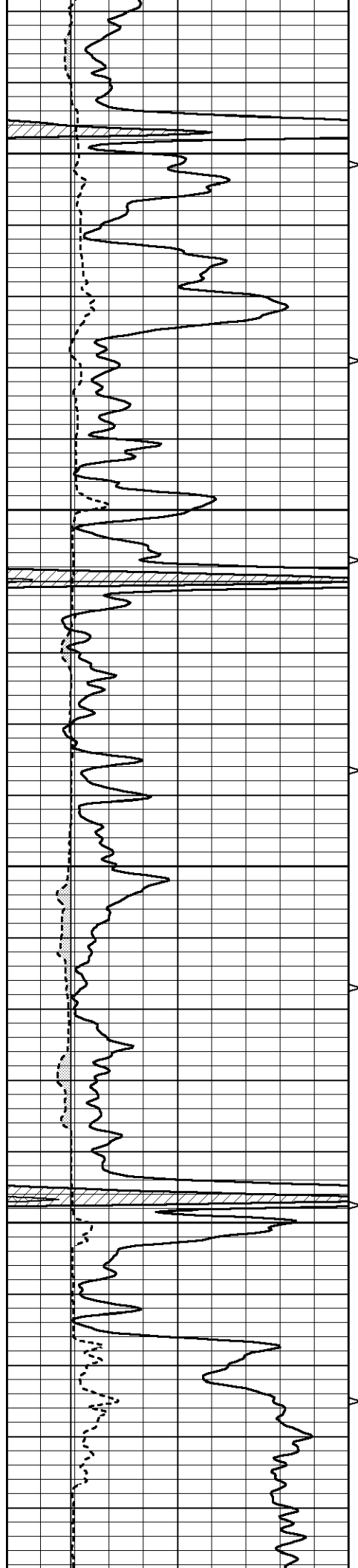


MAIN SECTION

Database File	3996ddn8.db
Dataset Pathname	pass9.1
Presentation Format	_micro
Dataset Creation	Fri Oct 04 01:27:27 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			



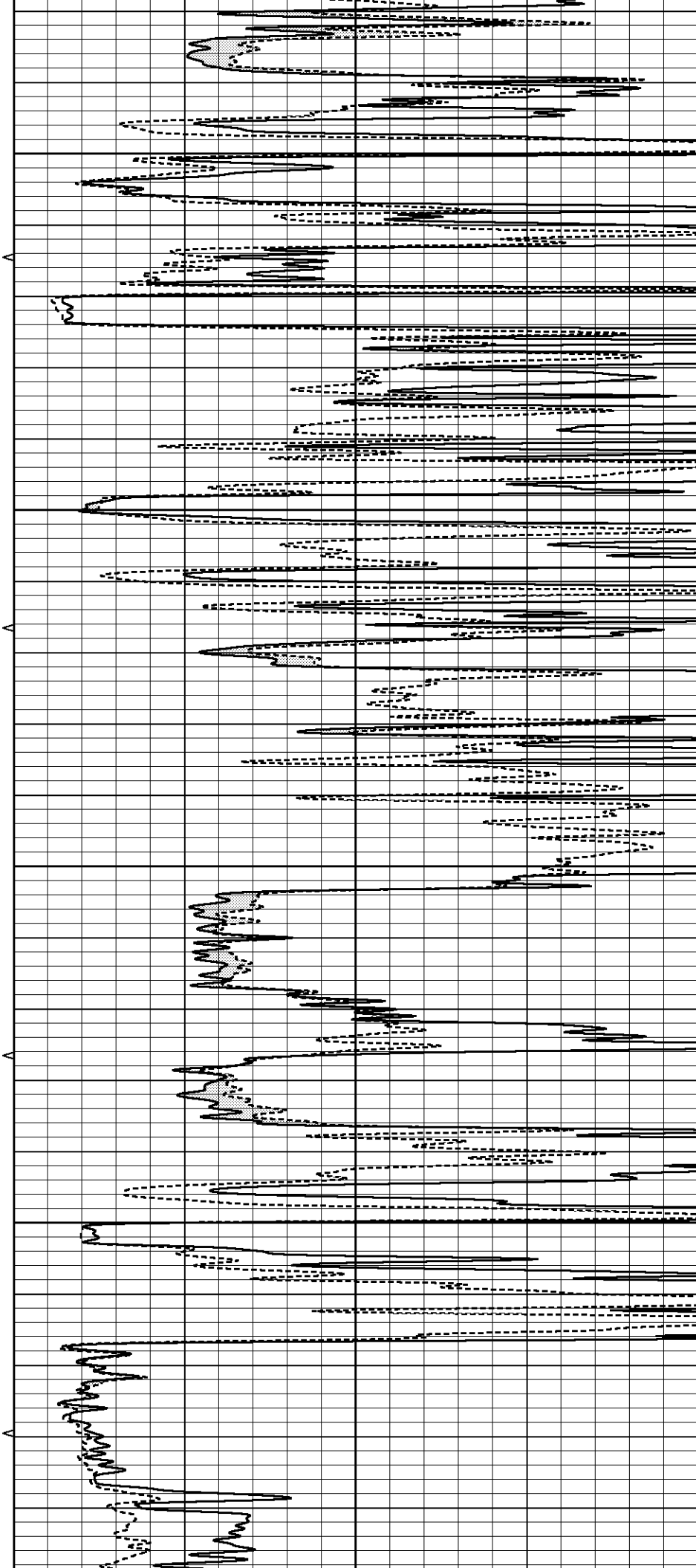


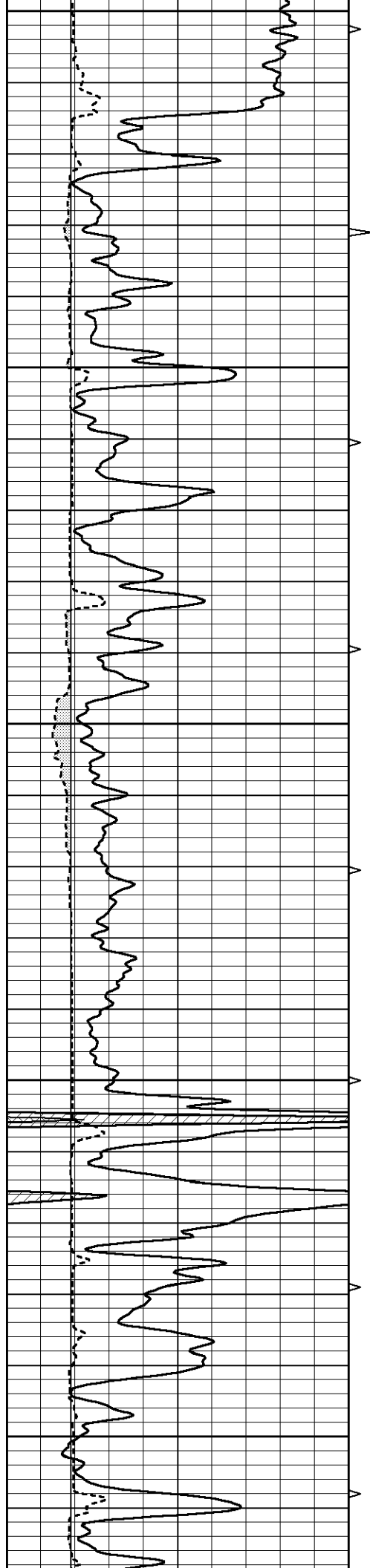
3000

3050

3100

3150





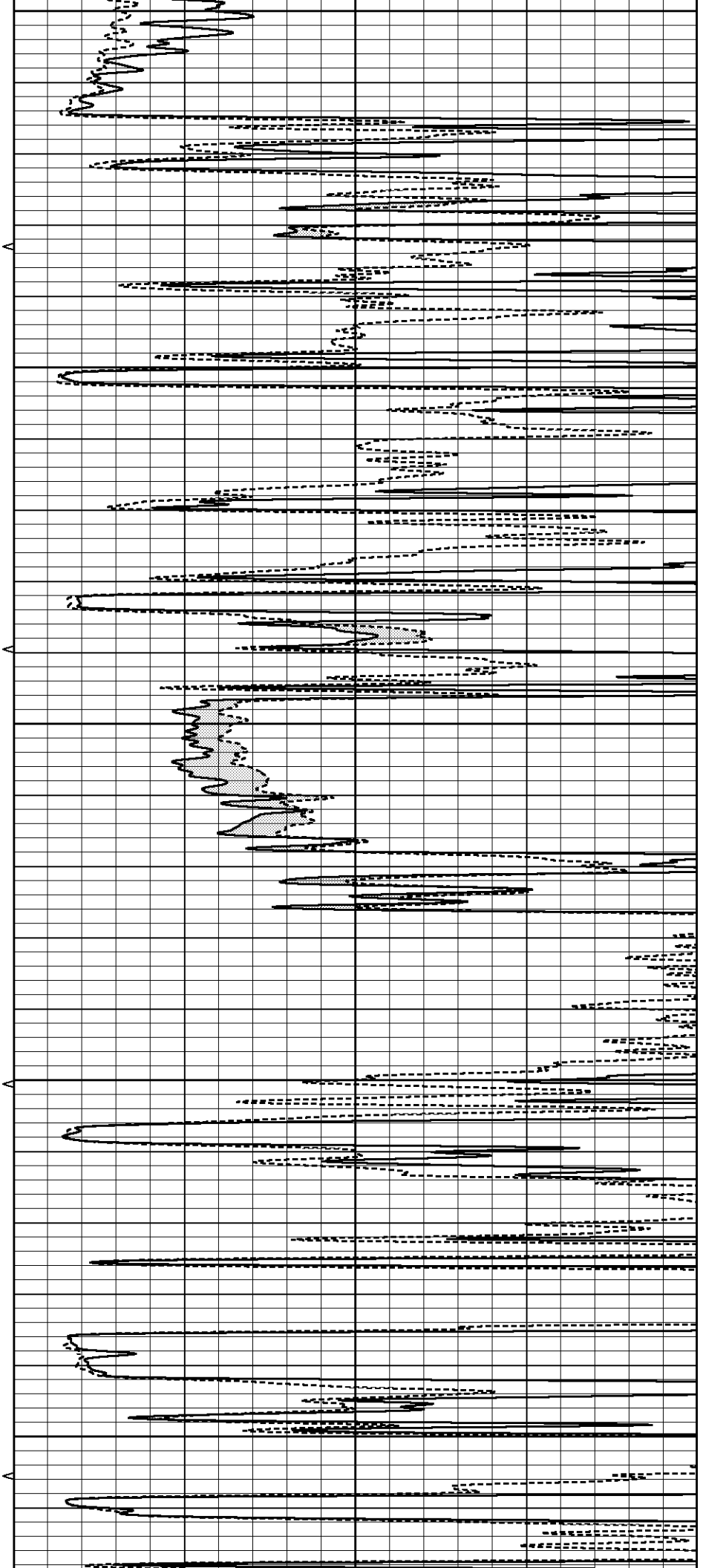
3200

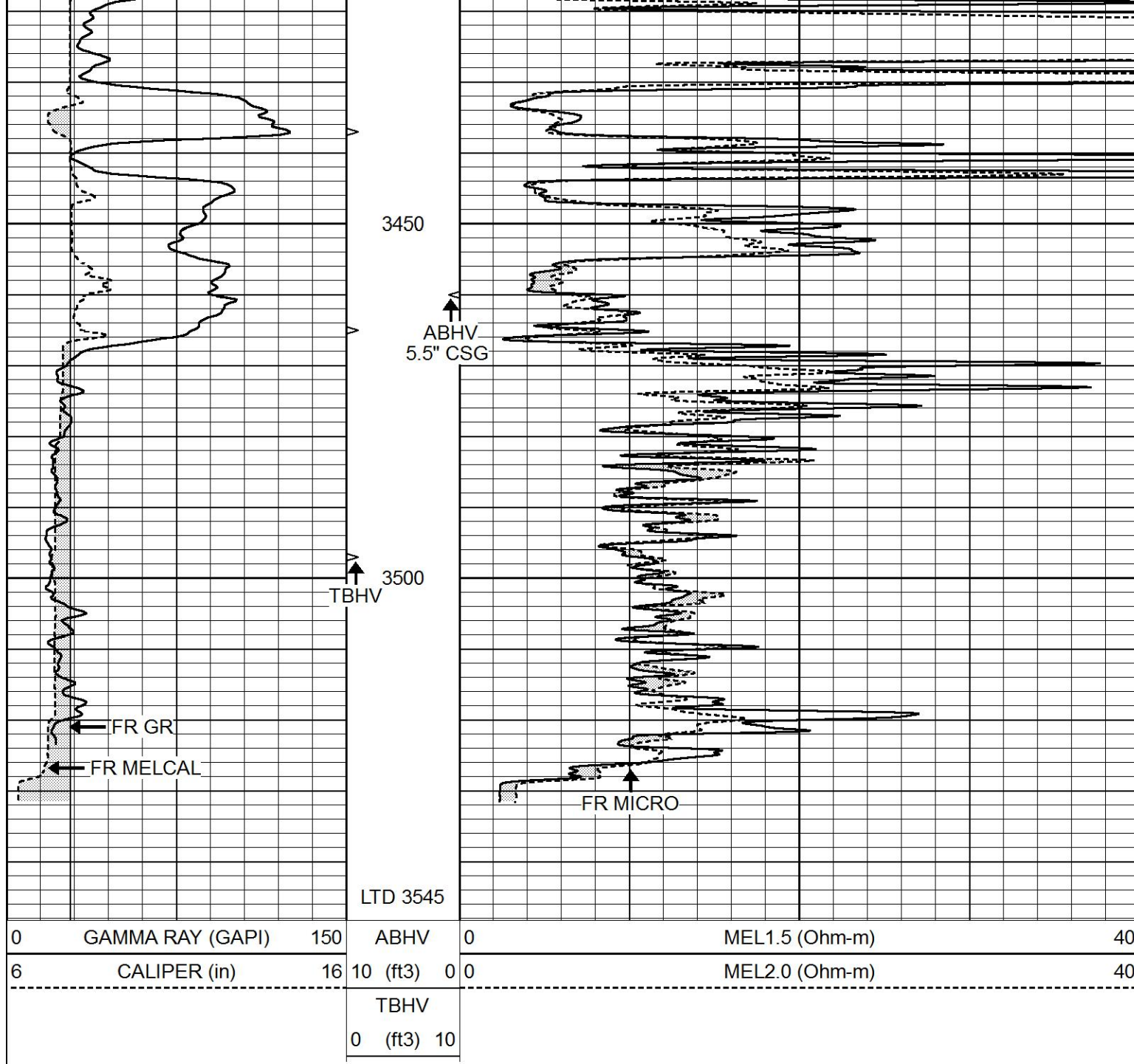
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3300

3350

3400

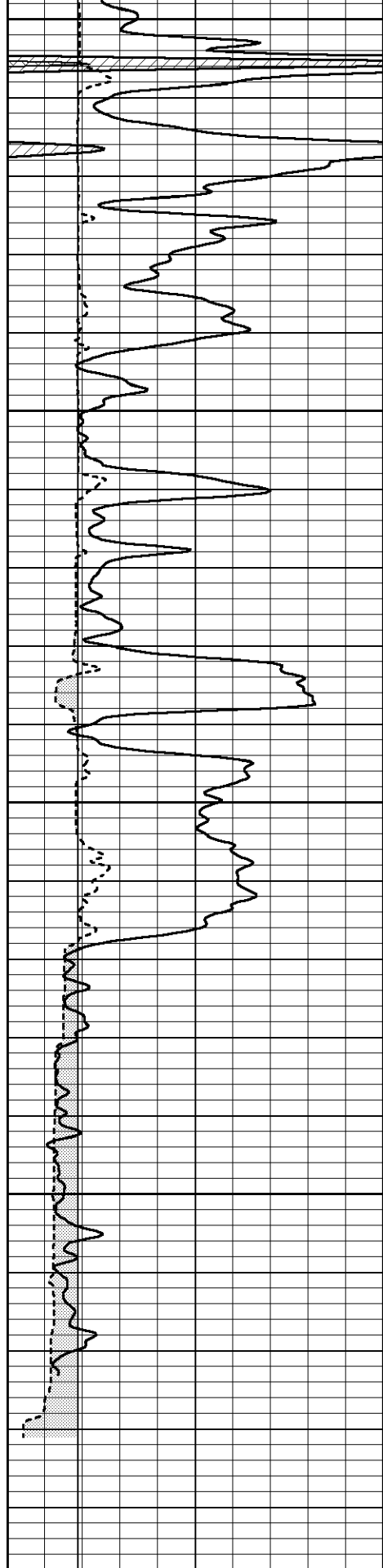




REPEAT SECTION

Database File 3996ddn8.db
 Dataset Pathname pass8.1
 Presentation Format _micro
 Dataset Creation Fri Oct 04 01:17:20 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	0	MEL2.0 (Ohm-m)	40
			TBHV			
			0 (ft3) 10			



3350

3400

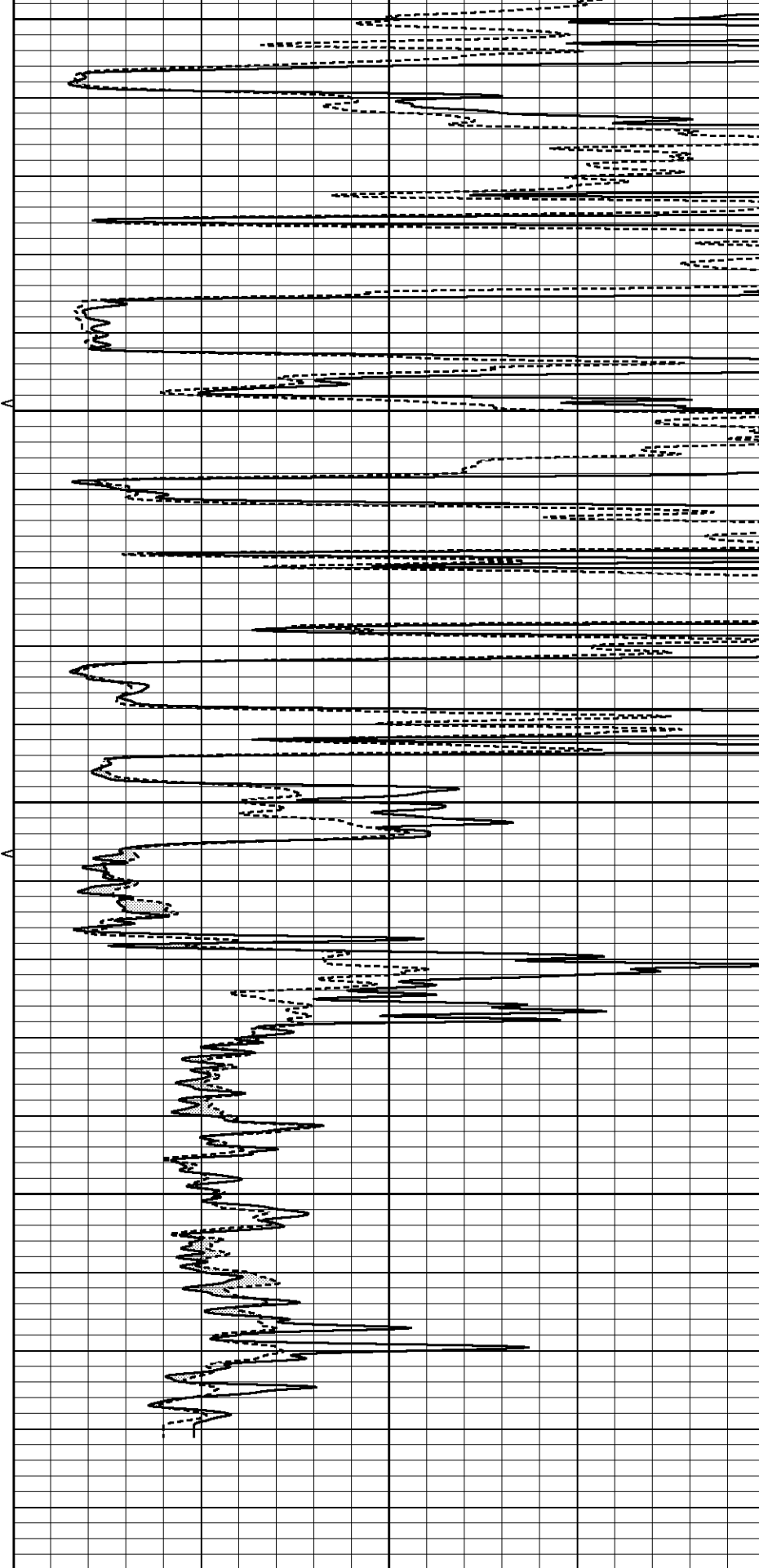
3450

3500

0 GAMMA RAY (GAPI) 150
6 CALIPER (in) 16

ABHV
10 (ft3) 0

TBHV
0 (ft3) 10



0 MEL1.5 (Ohm-m) 40
0 MEL2.0 (Ohm-m) 40

Calibration Report

Database File 3996ddn8.db
Dataset Pathname pass8.1
Dataset Creation Fri Oct 04 01:17:20 2019

MICRO_USR Calibration Report

Serial Number: 070910
Tool Model: ProbeL
Performed: Fri Aug 03 23:13:00 2018

Caliper Calibration: Gain=7.336 Offset=3.017

References Low Cal High Cal
8.000 14.000
Readings 0.652 1.470

1.5" Calibration: Gain=55.000 Offset=-0.067

References Low Cal High Cal
0.000 20.000
Readings 0.004 1.335

2" Calibration: Gain=80.000 Offset=-0.779

References Low Cal High Cal
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: 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