



MICRO LOG

Company DOUBLE D'S, LLC.

Well CECIL #2

Field

County ELLIS

State KANSAS

Location: API # : 15-051-26946-0000

2135' FNL & 2265' FWL

SEC 30 TWP 15S RGE 18W

Permanent Datum GROUND LEVEL Elevation 1965
Log Measured From KELLY BUSHING 8' A.G.L
Drilling Measured From KELLY BUSHING

Other Services
CDL/CNL
DIL

Elevation
K.B. 1973
D.F. 1971
G.L. 1965

Date 4/20/19

Run Number TWO

Depth Driller 3765

Depth Logger 3765

Bottom Logged Interval 3763

Top Log Interval 2850

Casing Driller 8 5/8" @ 1140

Casing Logger 1140

Bit Size 7 7/8

Type Fluid in Hole CHEMICAL MUD

Density / Viscosity 9.3/54

pH / Fluid Loss 10.0/7.8

Source of Sample FLOWLINE

Rm @ Meas. Temp .95 @ 78F

Rmf @ Meas. Temp .71 @ 78F

Rmc @ Meas. Temp 1.14 @ 78F

Source of Rmf / Rmc MEASUREMENT

Rm @ BHT .65 @ 114F

Time Circulation Stopped 2 HOURS

Time Logger on Bottom

Maximum Recorded Temperature 114F

Equipment Number 3802

Location HAYS, KANSAS

Recorded By JASON CAPPELLUCCI

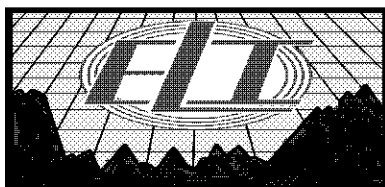
Witnessed By MARC DOWNING

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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

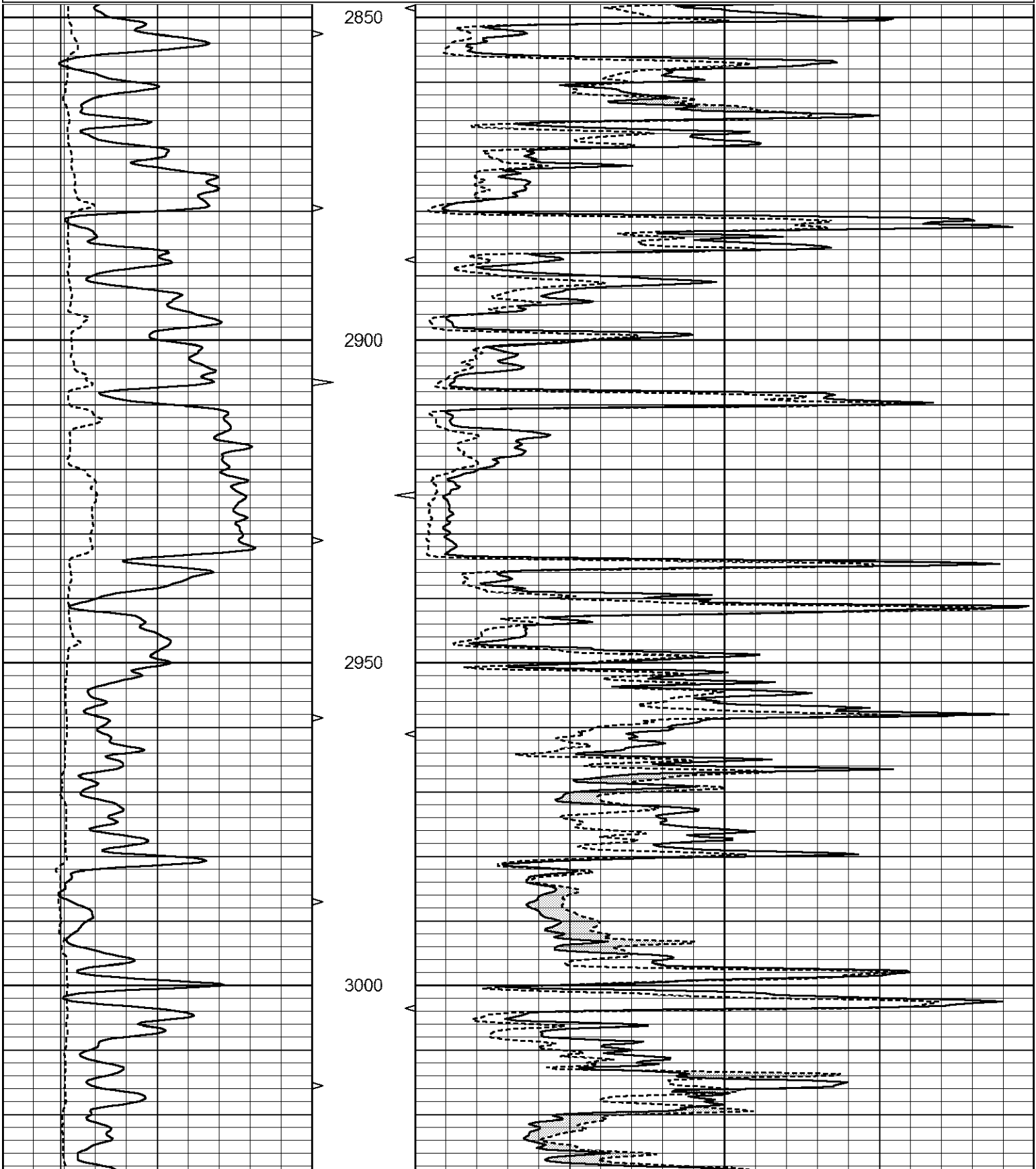
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
HAYS, KS. - SOUTH TO SMOKY HILL RIVER RD. - 2 WEST TO J CORP SAND PIT
1/2 SOUTH INTO

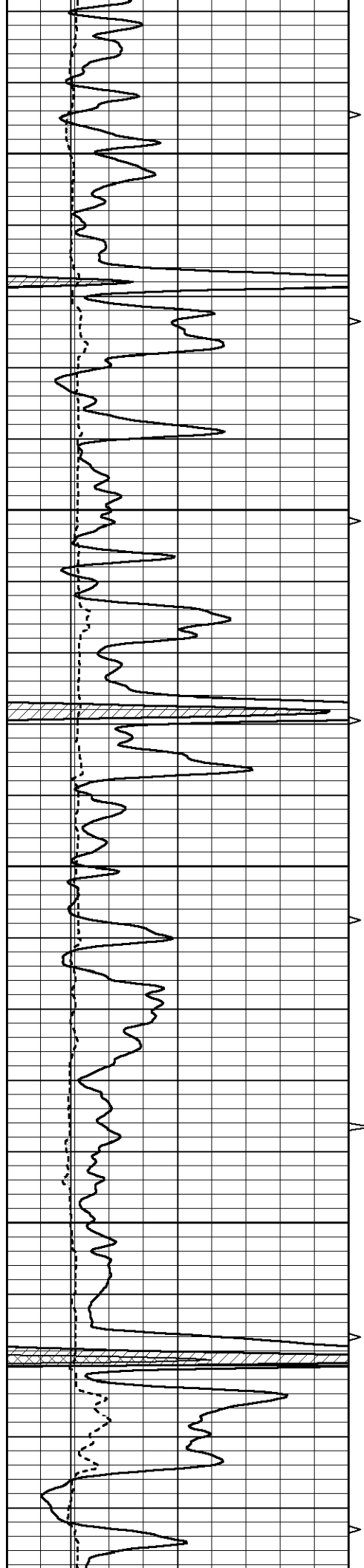


MAIN SECTION

Database File	3633ddn8.db
Dataset Pathname	pass6.1
Presentation Format	_micro
Dataset Creation	Sat Apr 20 20:28:19 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		



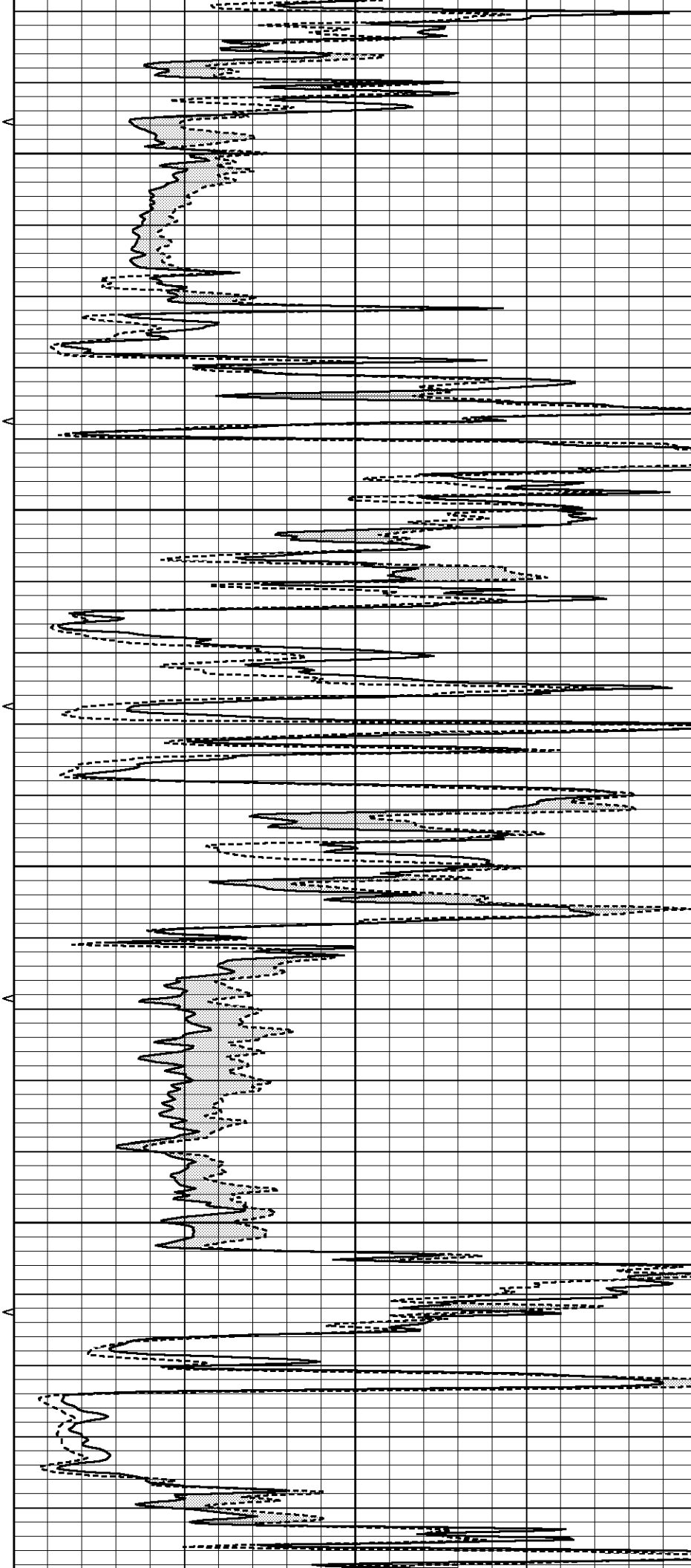


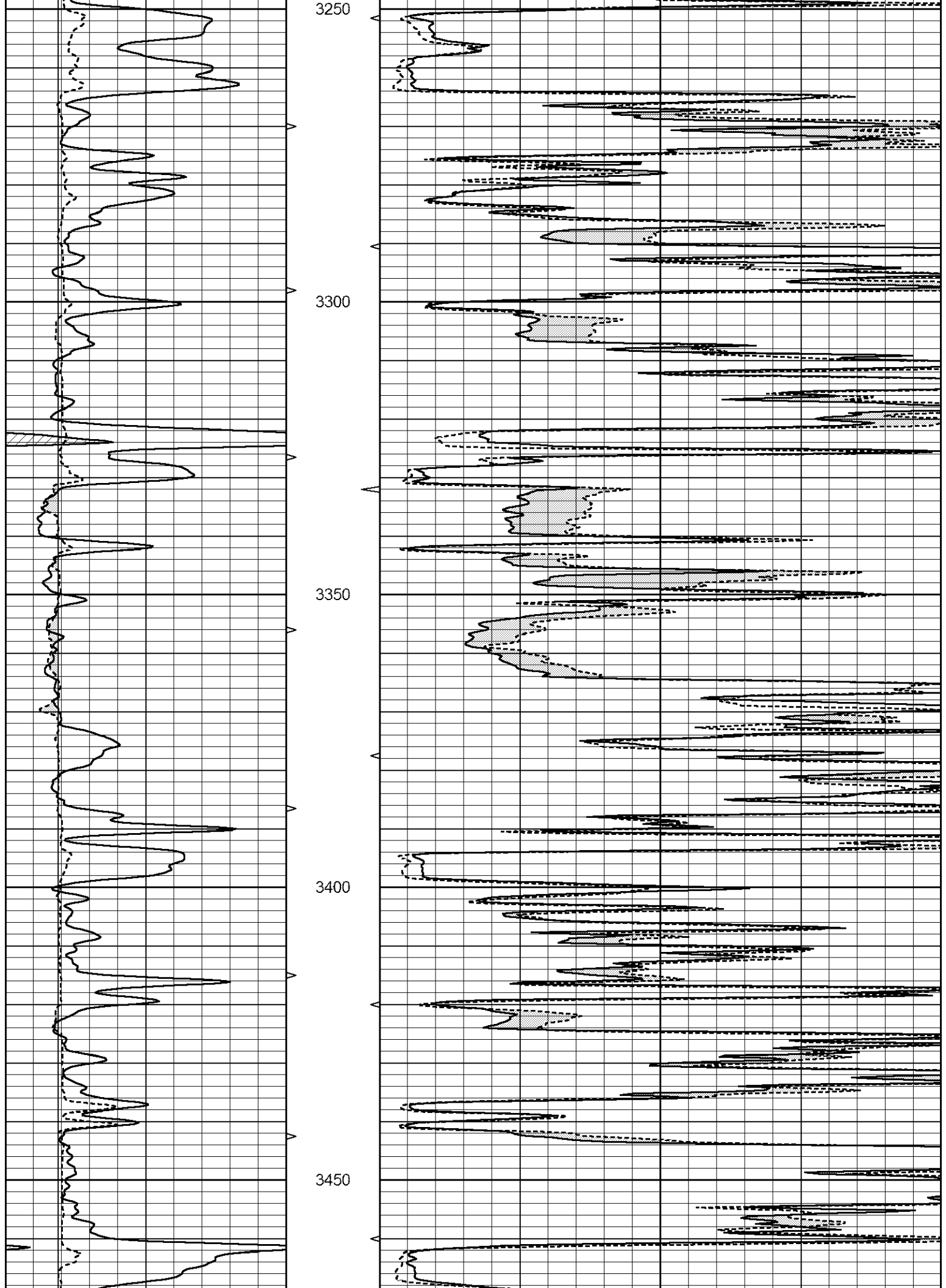
3050

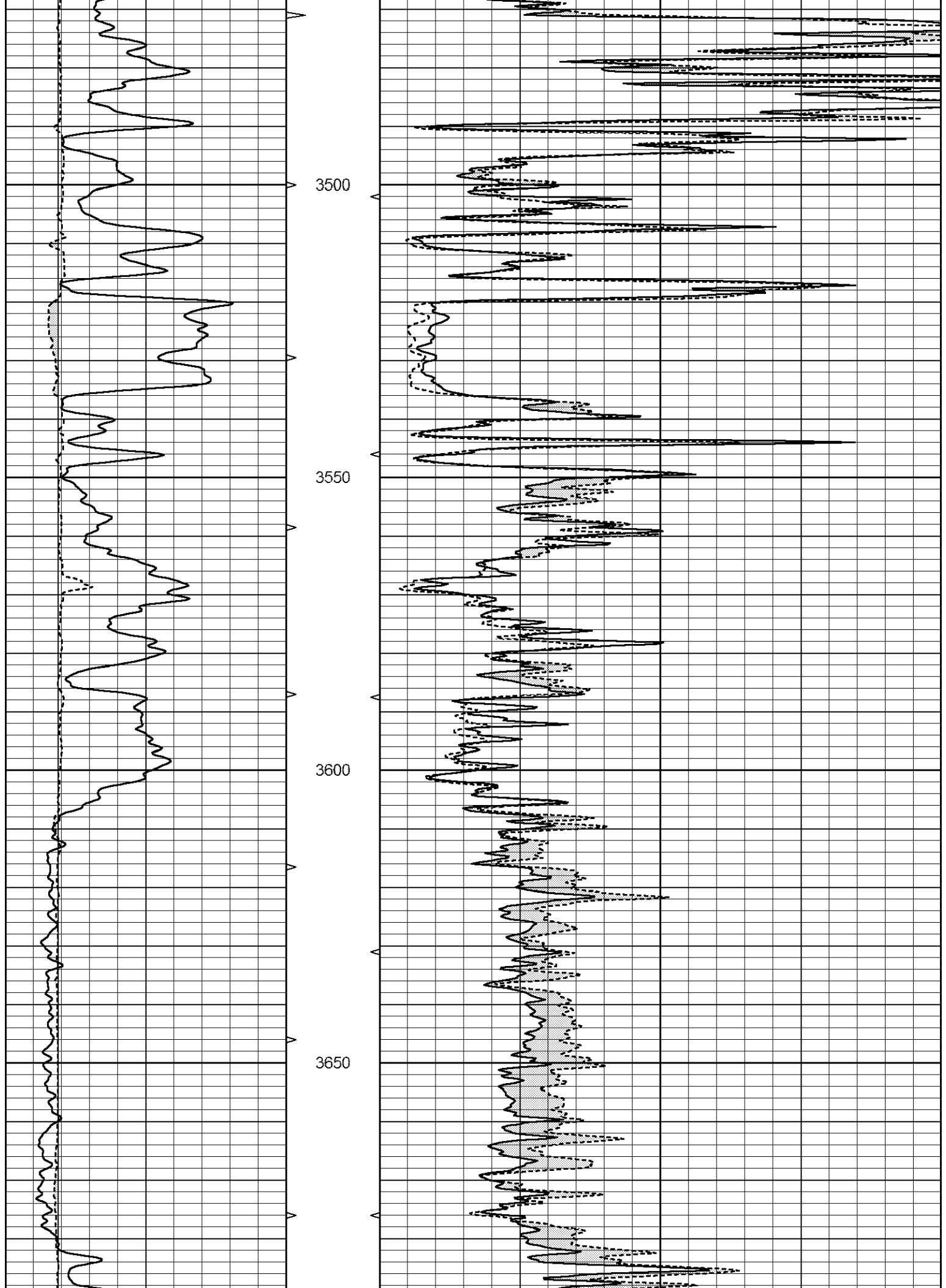
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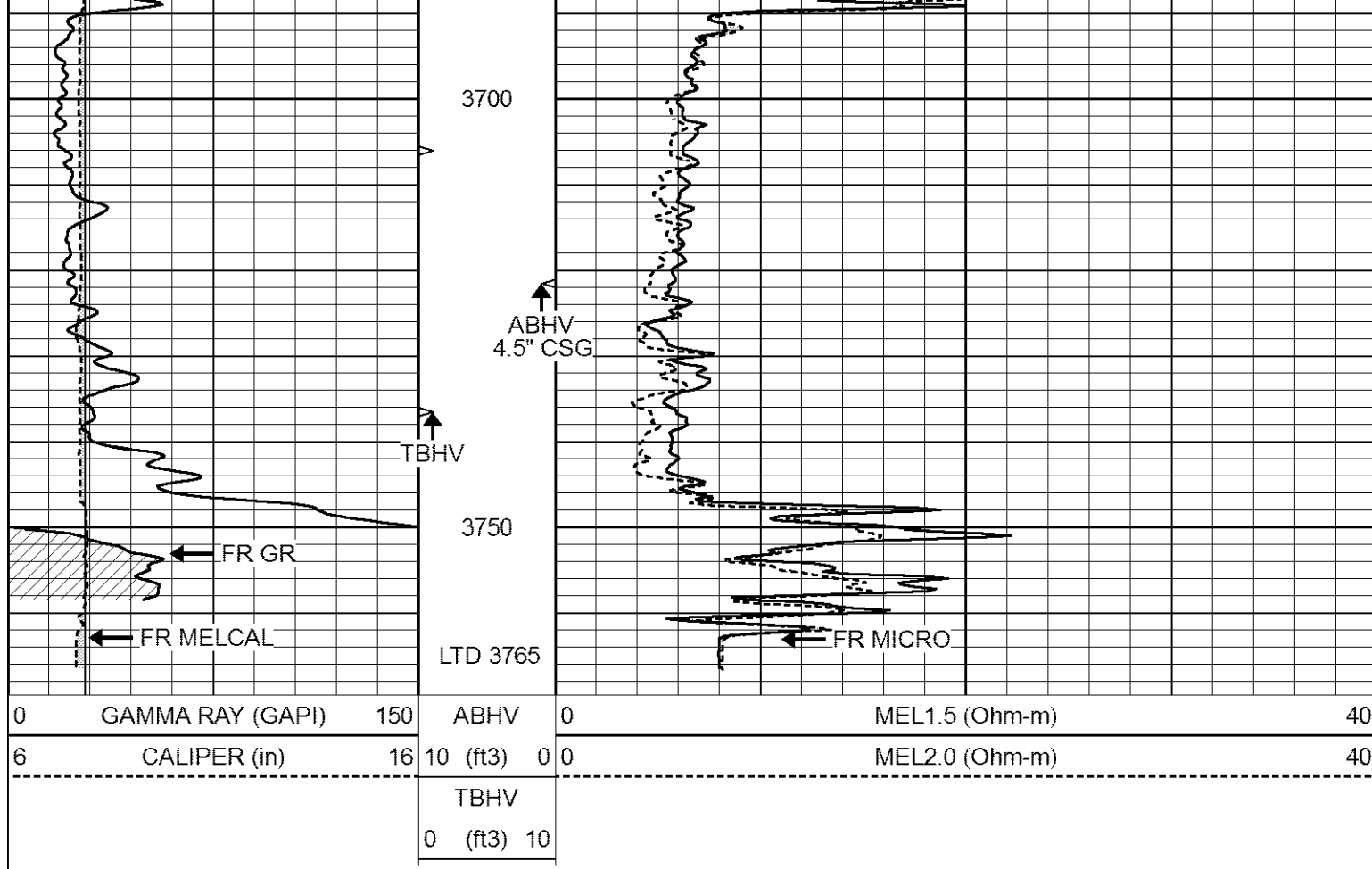
3150

3200



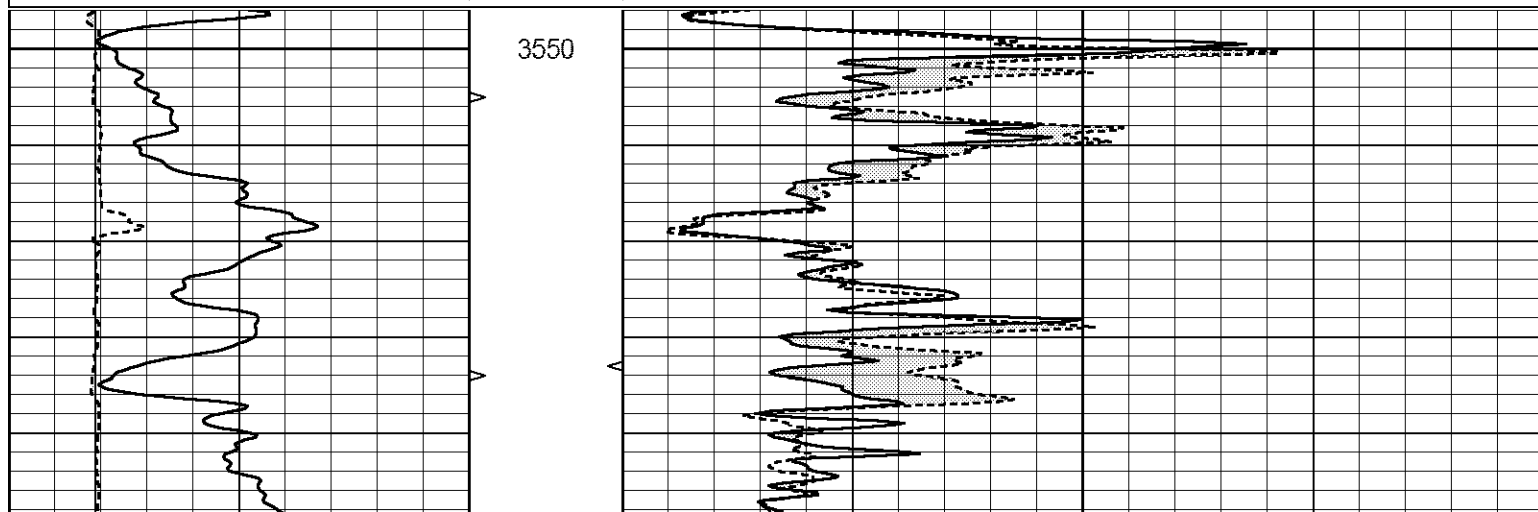
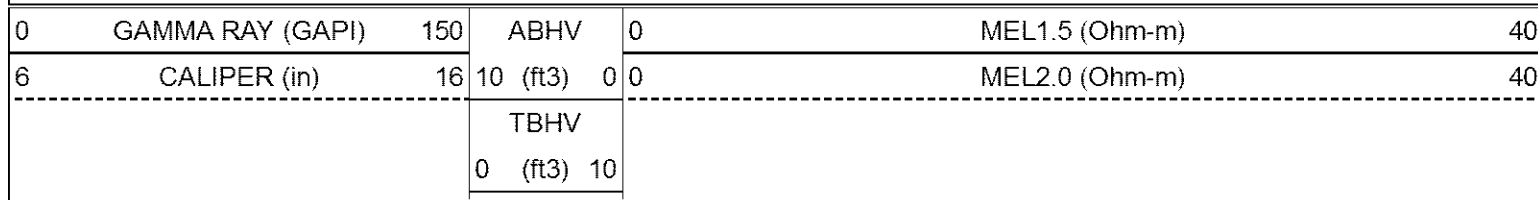


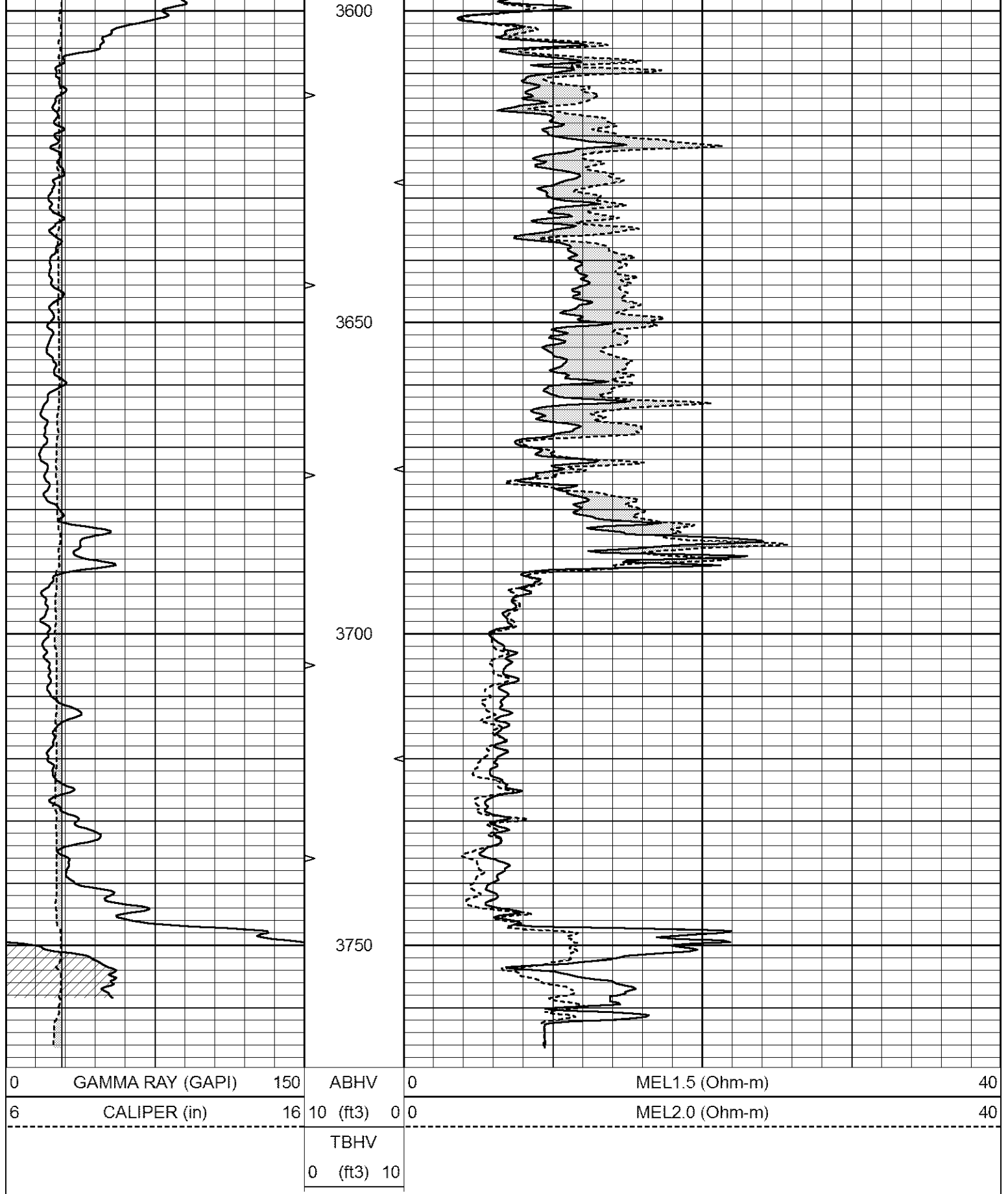




REPEAT SECTION

Database File 3633ddn8.db
 Dataset Pathname pass5.1
 Presentation Format _micro
 Dataset Creation Sat Apr 20 20:14:08 2019
 Charted by Depth in Feet scaled 1:240





Calibration Report

Database File 3633ddn8.db
 Dataset Pathname pass5.1
 Dataset Creation Sat Apr 20 20:14:08 2019

Serial Number: Tool Model: Performed:		070911 ProbeL Mon Feb 18 18:01:45 2019																																														
Caliper Calibration:		Gain=3.755	Offset=2.750																																													
References Readings		Low Cal	High Cal																																													
		8.000	14.000																																													
		1.451	3.049																																													
1.5" Calibration:		Gain=37.000	Offset=0.000																																													
References Readings		Low Cal	High Cal																																													
		0.000	20.000																																													
		0.004	0.843																																													
2" Calibration:		Gain=65.000	Offset=-1.650																																													
References Readings		Low Cal	High Cal																																													
		0.000	20.000																																													
		0.021	0.810																																													
Microlog Calibration Report																																																
Serial-Model: Performed:		070911-ProbeL Sat Apr 11 01:13:01 2015																																														
<table><tr><td></td><td colspan="2">Readings</td><td></td><td colspan="2">References</td><td></td><td colspan="2">Results</td></tr><tr><td></td><td>Zero</td><td>Cal</td><td></td><td>Zero</td><td>Cal</td><td></td><td>m</td><td>b</td></tr><tr><td>Normal</td><td>0.0002</td><td>0.4836</td><td>V</td><td>0.0000</td><td>10.0000</td><td>Ohm-m</td><td>20.6908</td><td>-0.0051</td></tr><tr><td>Inverse</td><td>0.0018</td><td>0.6297</td><td>V</td><td>0.0000</td><td>10.0000</td><td>Ohm-m</td><td>15.9263</td><td>-0.0282</td></tr><tr><td>Caliper</td><td>0.0000</td><td>1.0000</td><td>V</td><td>0.0000</td><td>1.0000</td><td>in</td><td>1.0000</td><td>0.0000</td></tr></table>					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
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Gamma Ray Calibration Report																																																
Serial Number: Tool Model: Performed:		070558 Probe1 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																																													