

MICRO LOG

Company	DIXON OPERATING COMPANY, LLC.	
Well	CURTIS #1-4	
Field	RATTLESNAKE CREEK	
County	STAFFORD	State KANSAS
Location:	API # : 15-185-23987-0000	
Permanent Datum	330' FSL & 3960' FEL	Other Services CDL/CNL/PE DIL/SON
Log Measured From	GROUND LEVEL Elevation 1843	
Drilling Measured From	KELLY BUSHING 9' A.G.L KELLY BUSHING	Elevation K.B. 1852 D.F. 1850 G.L. 1843
Date	6/10/17	
Run Number	TWO	
Depth Driller	3825	
Depth Logger	3823	
Bottom Logged Interval	3805	
Top Log Interval	2700	
Casing Driller	8 5/8" @ 347'	
Casing Logger	347'	
Bit Size	7 7/8	
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 5500 PPM
Density / Viscosity	9.4/49	
pH / Fluid Loss	10.0/9.6	
Source of Sample	FLOWLINE	
Rm @ Meas. Temp	.51 @ 79F	
Rmf @ Meas. Temp	.38 @ 79F	
Rmc @ Meas. Temp	.61 @ 79F	
Source of Rmf / Rmc	MEASUREMENT	
Rm @ BHT	.35 @ 114F	
Time Circulation Stopped	2 HOURS	
Time Logger on Bottom		
Maximum Recorded Temperature	114F	
Equipment Number	3802	
Location	HAYS, KANSAS	
Recorded By	JASON CAPELLUCCI	
Witnessed By	CHUCK SCHMALTZ	

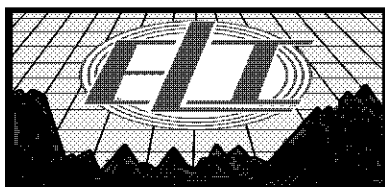
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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

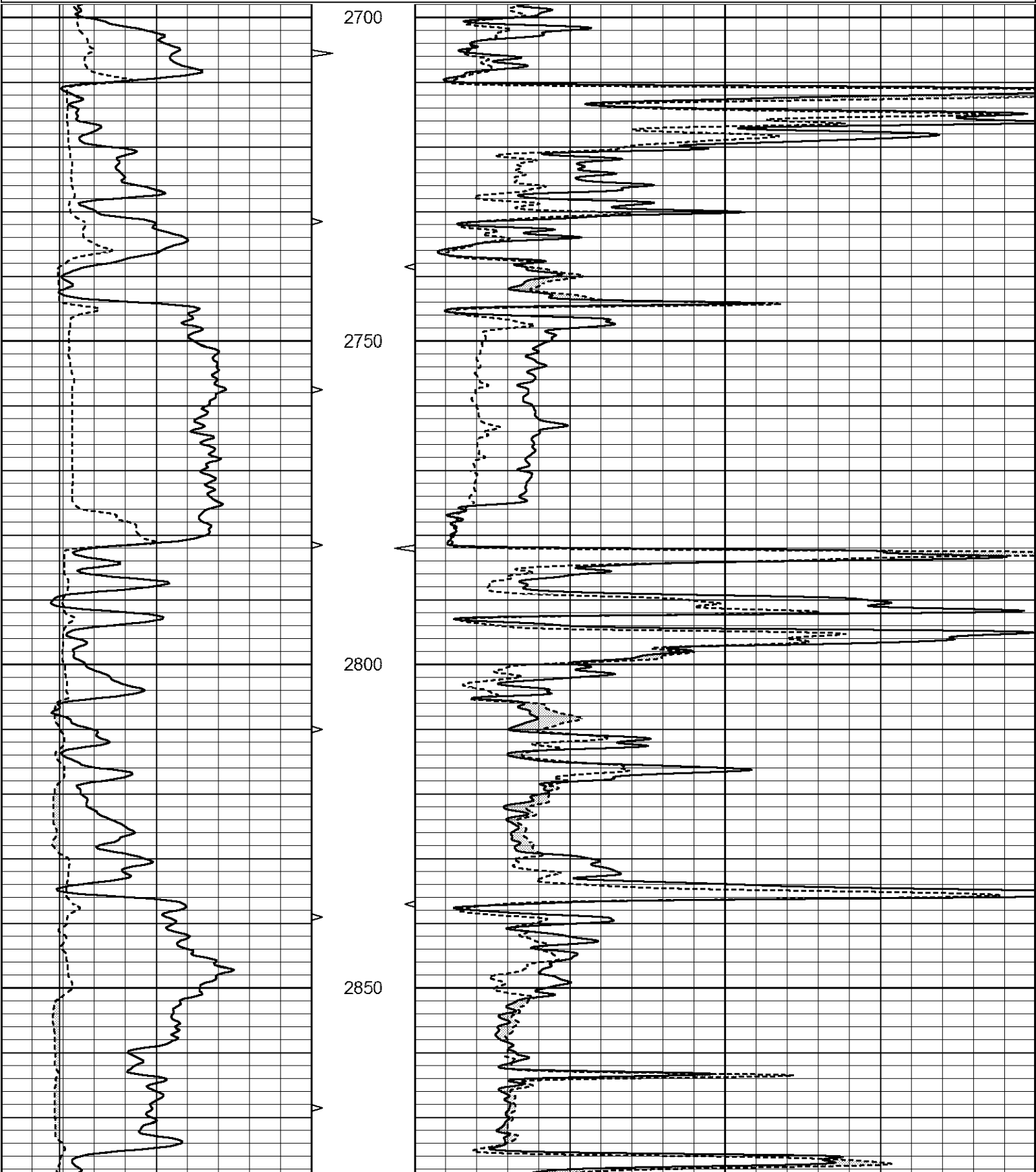
ST. JOHN, KS. - 3 NORTH TO 70TH RD. - 5 EAST TO 50 RD. - 1 NORTH - 1/4 EAST - NORTH INTO

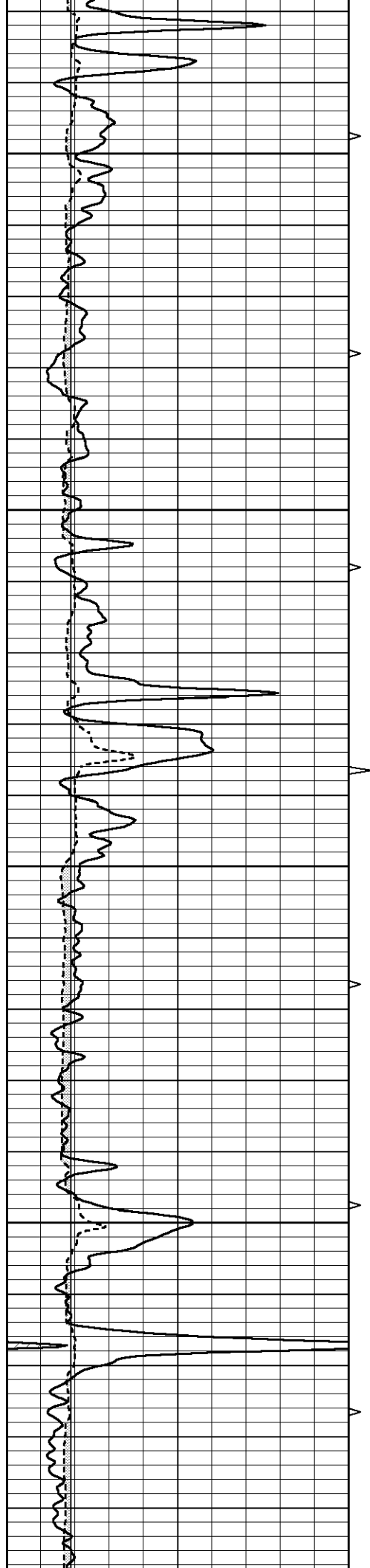


MAIN SECTION

Database File	1148pe8_autosave.db
Dataset Pathname	pass6.1
Presentation Format	_micro
Dataset Creation	Sat Jun 10 11:23:24 2017
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		



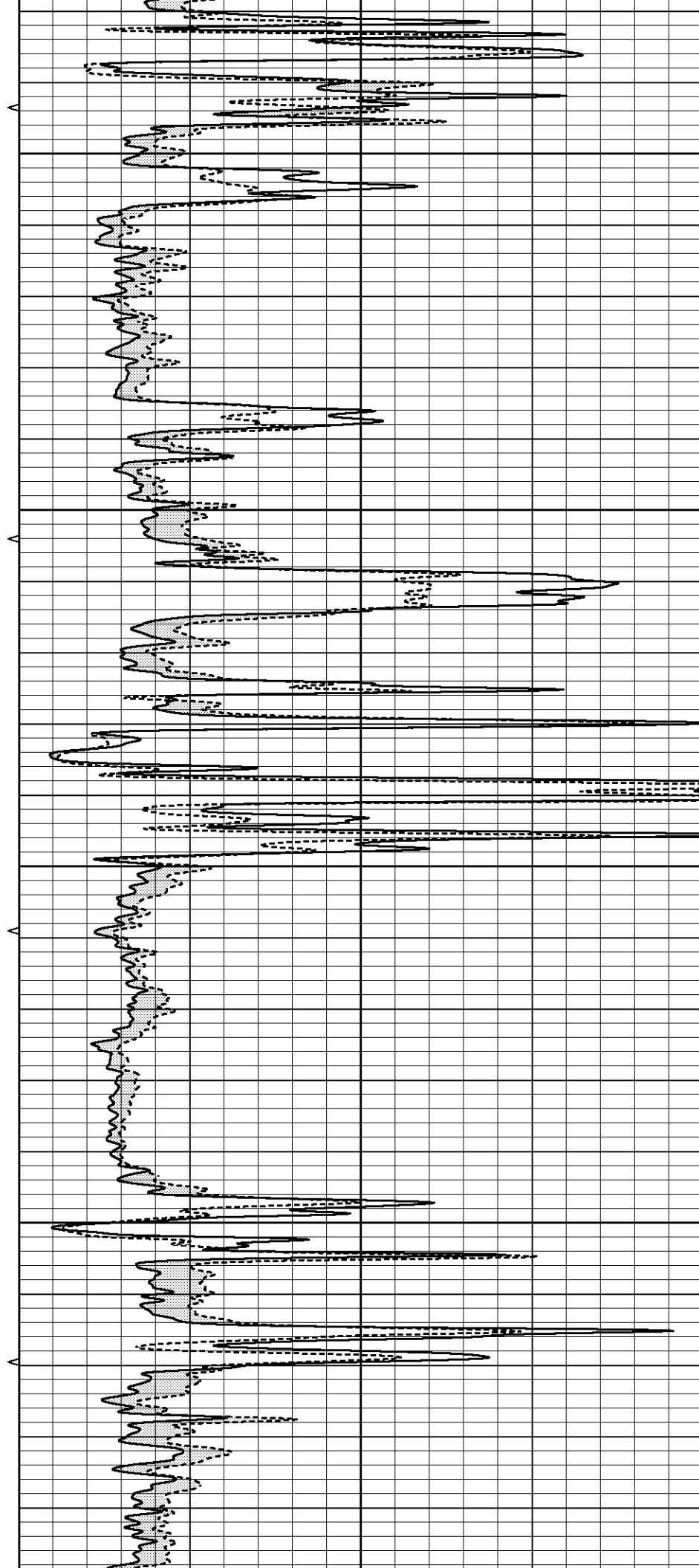


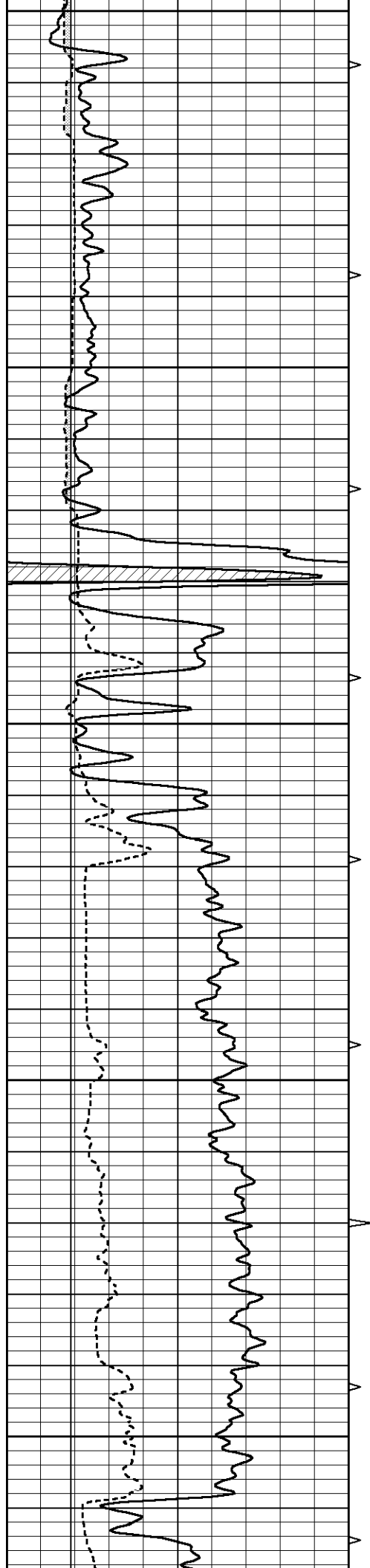
2900

2950

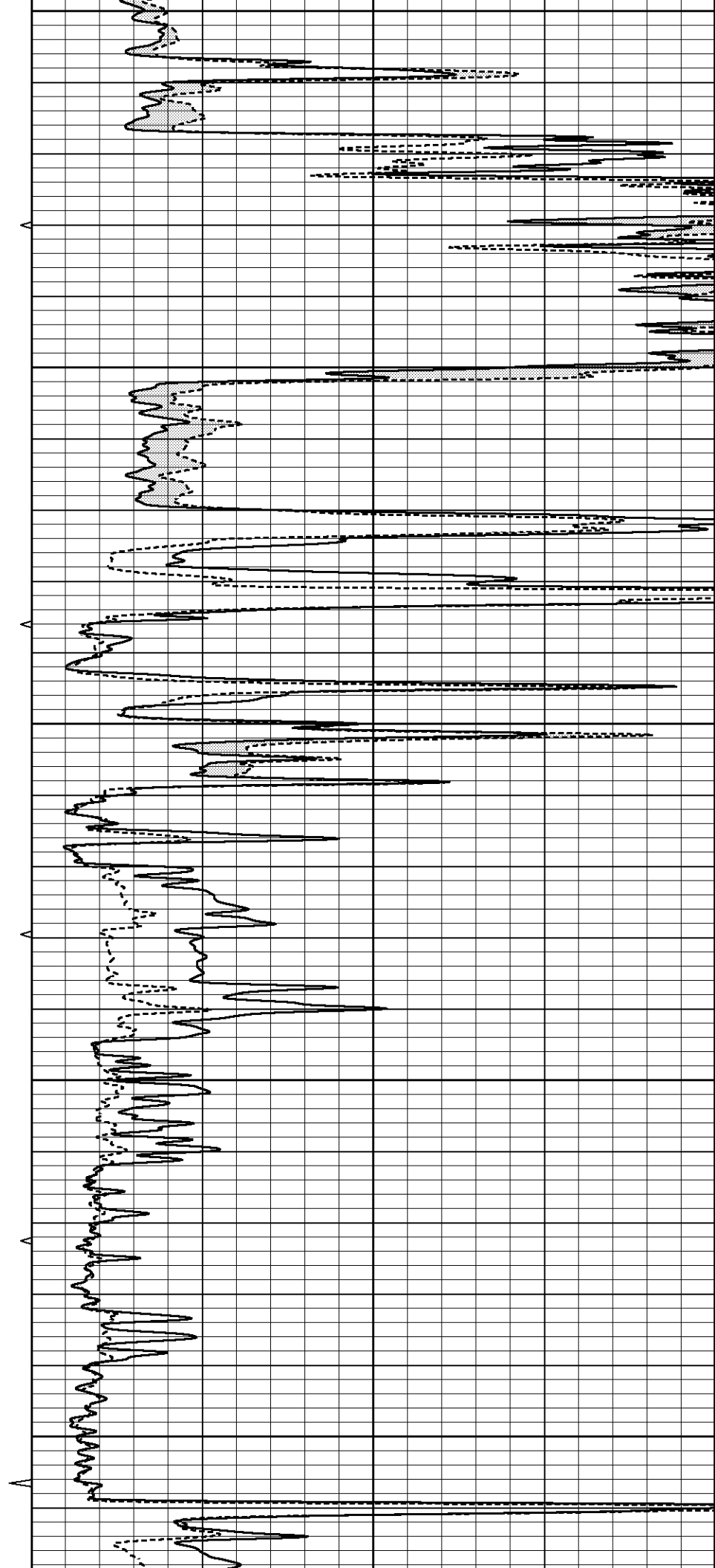
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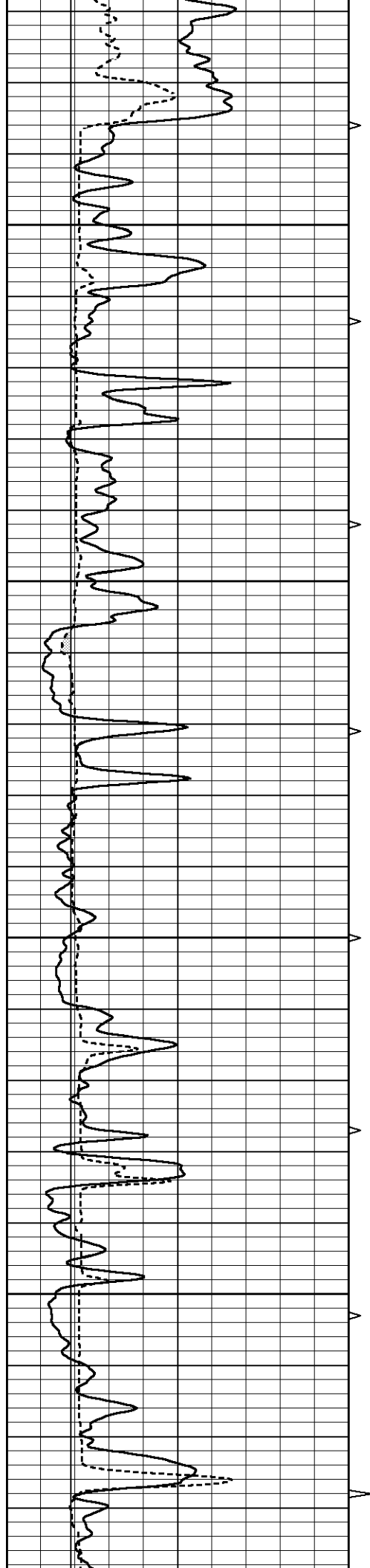
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3100
3150
3200
3250
3300



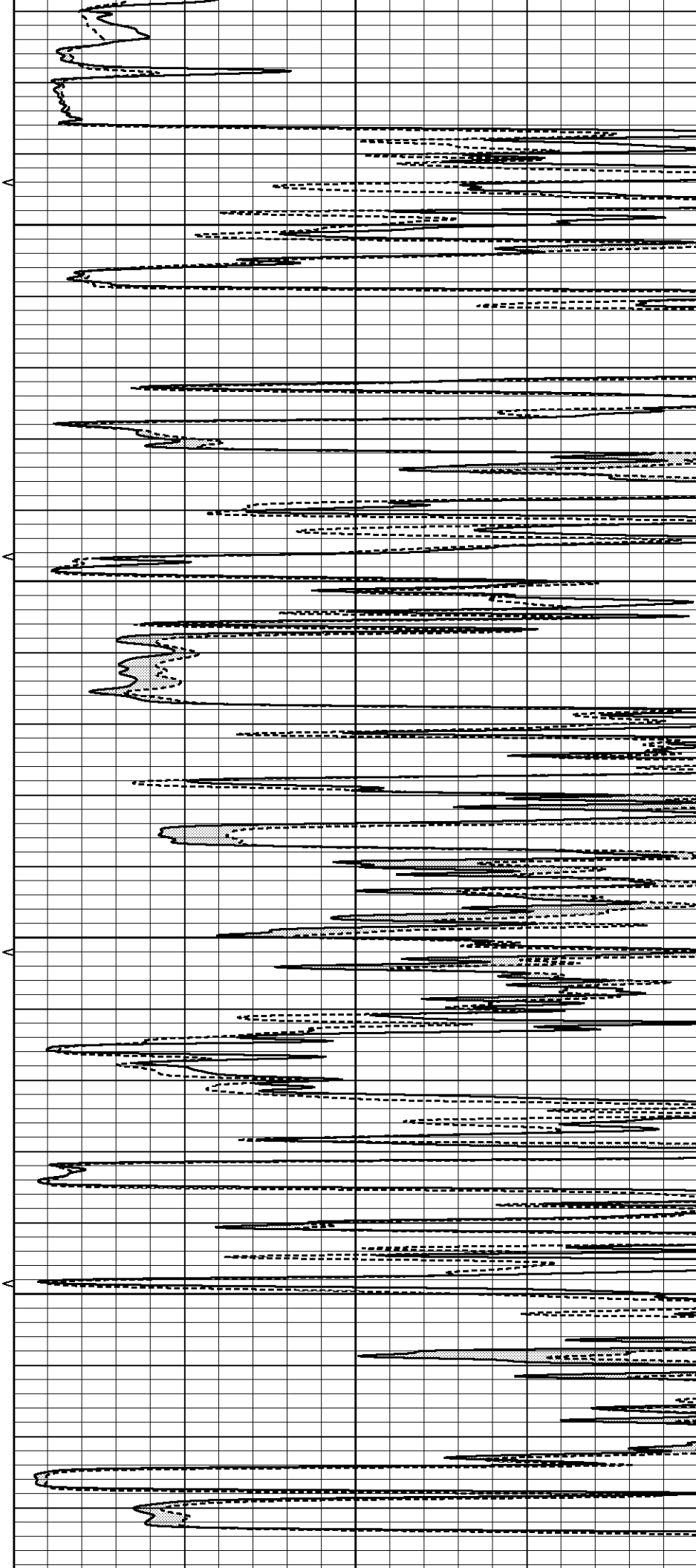


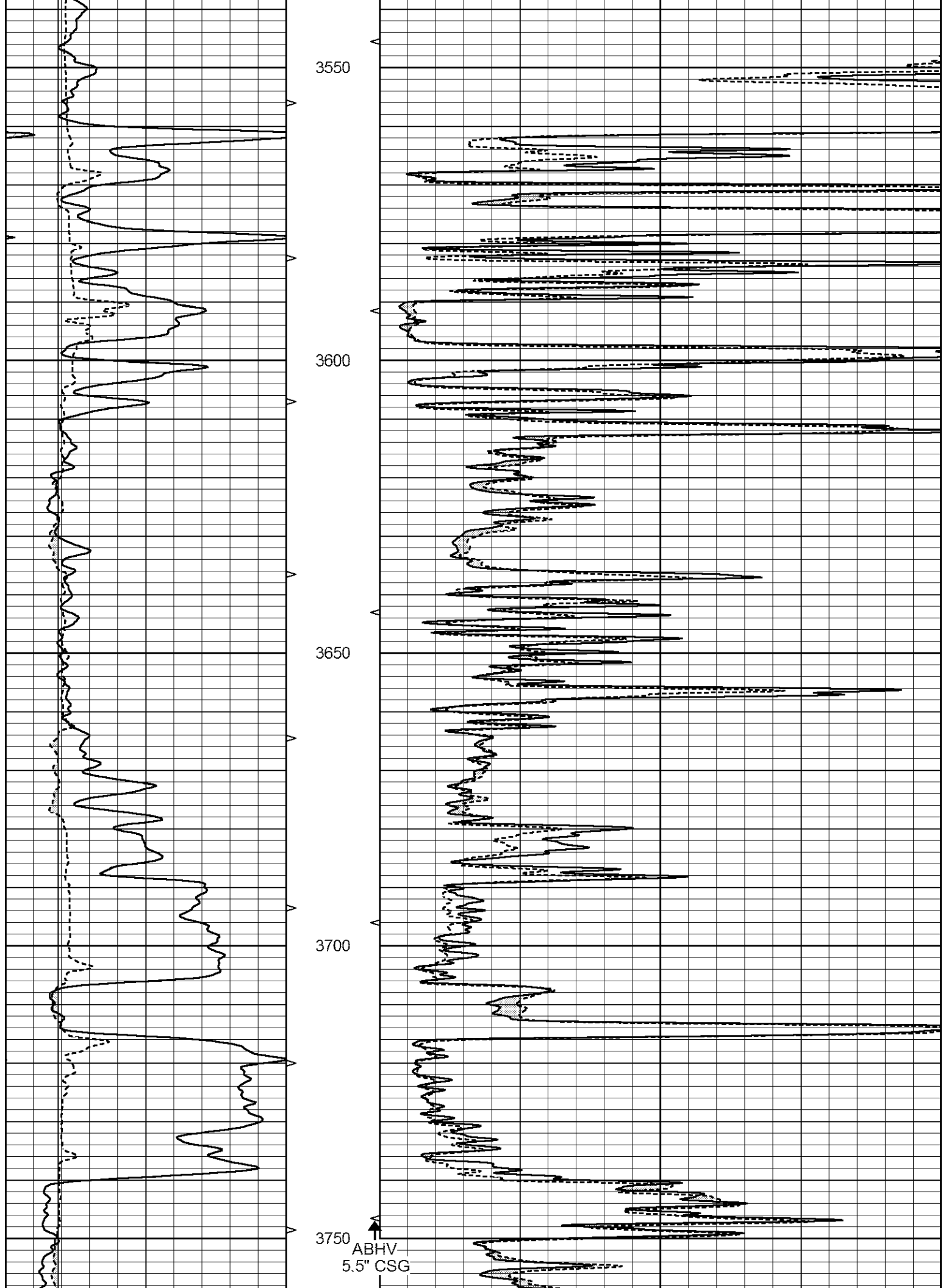
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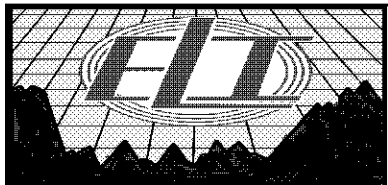
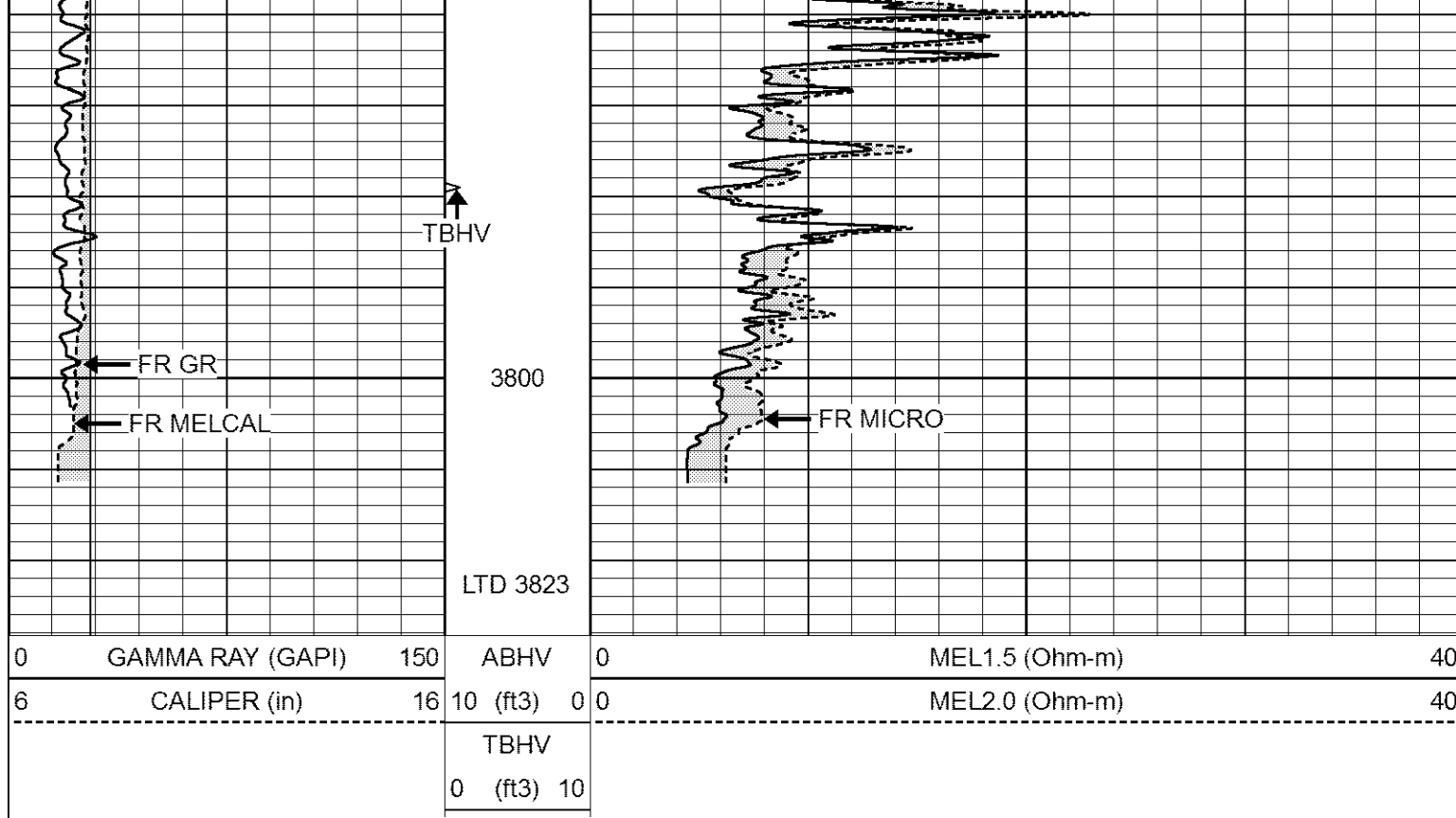
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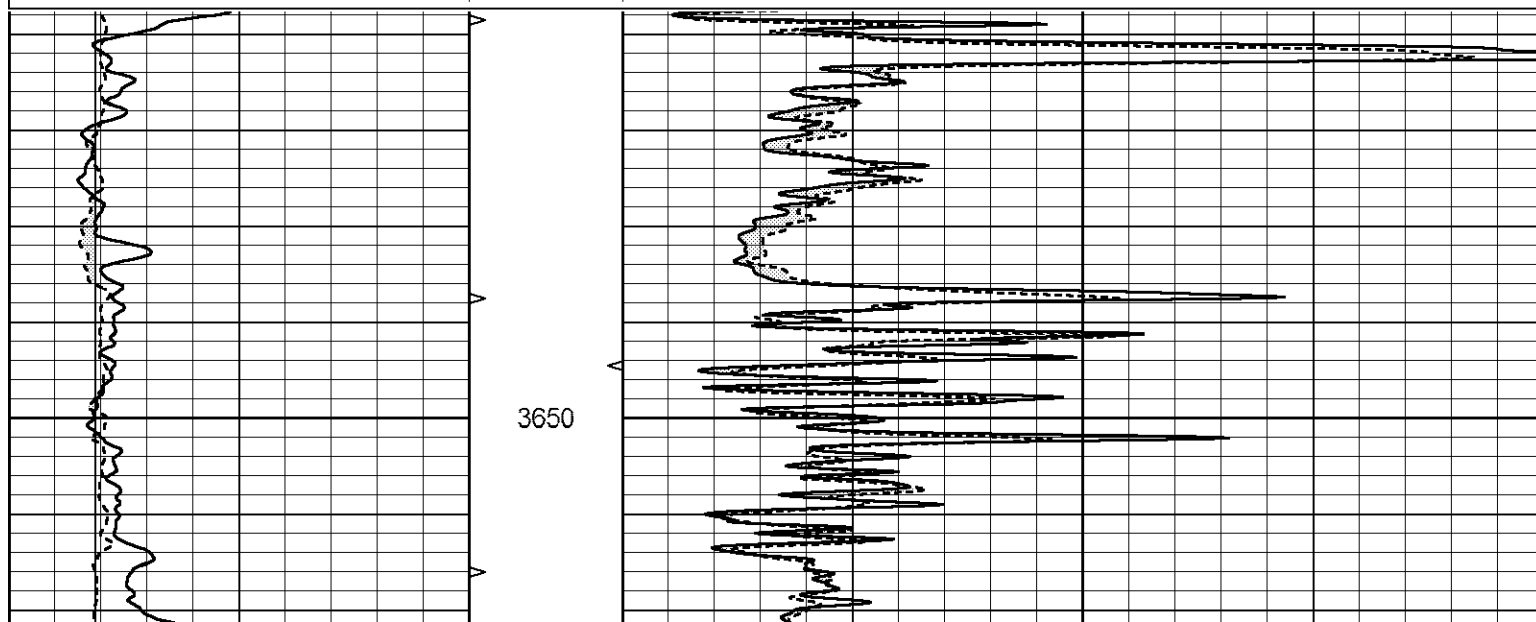


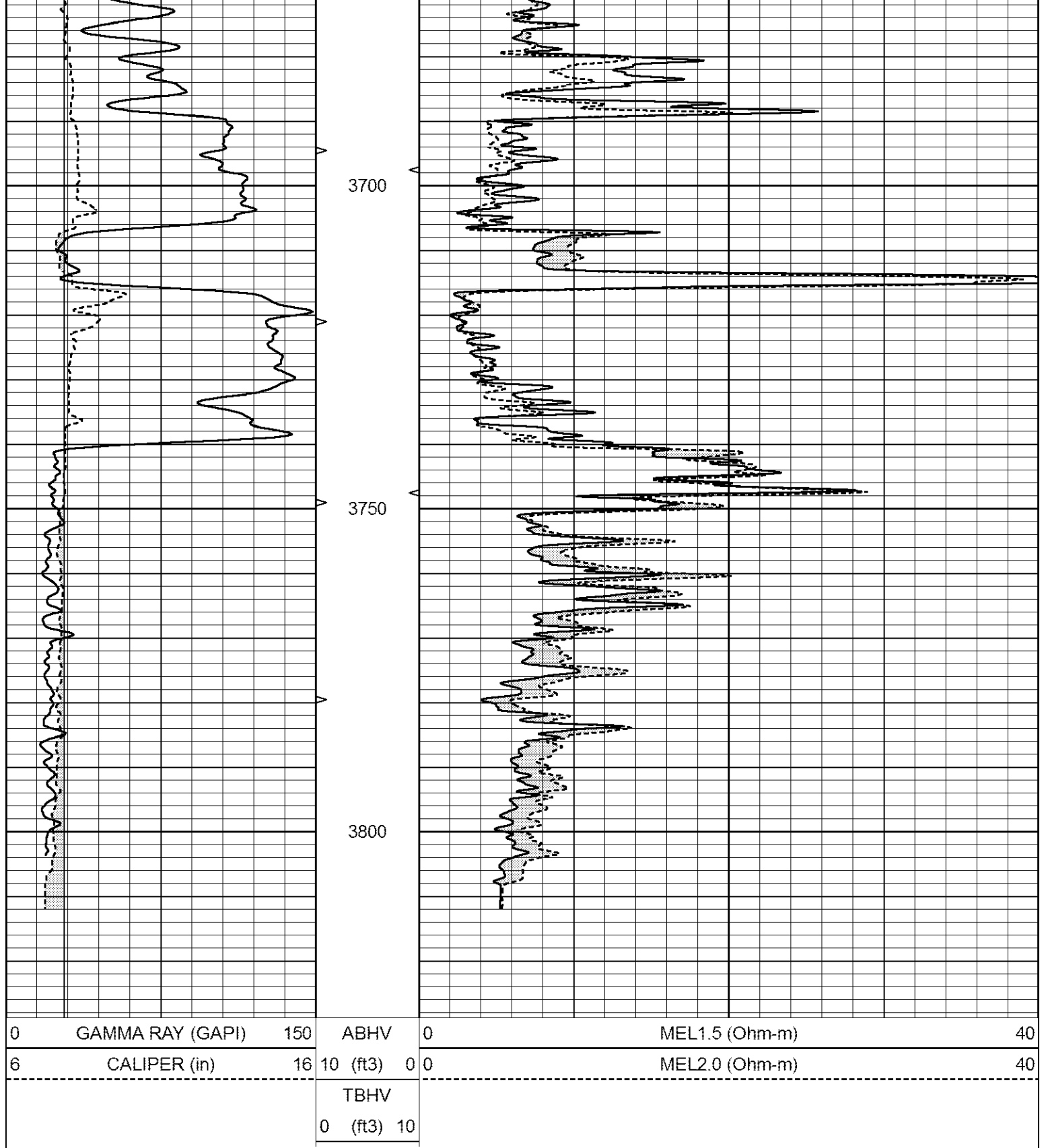


REPEAT SECTION

Database File 1148pe8_autosave.db
 Dataset Pathname pass5.1
 Presentation Format _micro
 Dataset Creation Sat Jun 10 11:10:23 2017
 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 1148pe8_autosave.db
 Dataset Pathname pass5.1
 Dataset Creation Sat Jun 10 11:10:23 2017

MICRO_USR Calibration Report

Serial Number: 070911
 Tool Model: Probel
 Performed: Thu Dec 08 13:09:11 2016

Caliper Calibration:			Gain=4.161		Offset=1.500																																																
References			Low Cal		High Cal																																																
Readings			8.000		14.000																																																
			1.333		2.775																																																
1.5" Calibration:			Gain=37.000		Offset=0.000																																																
References			Low Cal		High Cal																																																
Readings			0.000		20.000																																																
			0.004		0.843																																																
2" Calibration:			Gain=35.000		Offset=0.650																																																
References			Low Cal		High Cal																																																
Readings			0.000		20.000																																																
			0.021		0.810																																																
Microlog Calibration Report																																																					
Serial-Model:			070911-ProbeL																																																		
Performed:			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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Caliper	0.0000	1.0000	V	0.0000	1.0000	in	1.0000	0.0000																																													
Gamma Ray Calibration Report																																																					
Serial Number:			7																																																		
Tool Model:			Probe1																																																		
Performed:			Wed Jun 29 11:10:58 2016																																																		
Calibrator Value:			1.0		GAPI																																																
Background Reading:			0.0		cps																																																
Calibrator Reading:			1.0		cps																																																
Sensitivity:			0.3900		GAPI/cps																																																