

MICRO LOG

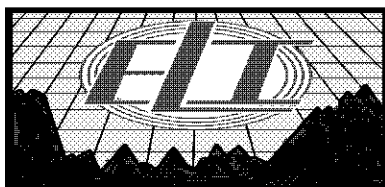
Company	EDISON OPERATING COMPANY, LLC.	
Well	O'CONNOR #1-8	
Field	KNOCHE SOUTH	
County	STAFFORD	State KANSAS
Location:	API # : 15-185-24053-0000	
Permanent Datum	SEC 8 TWP 24S RGE 12W	Other Services CDL/CNL/PE DIL/SON
Log Measured From	GROUND LEVEL Elevation 1885	Elevation
Drilling Measured From	KELLY BUSHING 10' A.G.L. KELLY BUSHING	K.B. 1895 D.F. 1893 G.L. 1885
Date	5/25/19	
Run Number	TWO	
Depth Driller	4140	
Depth Logger	4141	
Bottom Logged Interval	4123	
Top Log Interval	2900	
Casing Driller	8 5/8" @ 418	
Casing Logger	417	
Bit Size	7 7/8	
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 10400 PPM
Density / Viscosity	9.2/50	
pH / Fluid Loss	10.0/10.4	
Source of Sample	FLOWLINE	
Rm @ Meas. Temp	.40 @ 92F	
Rmf @ Meas. Temp	.30 @ 92F	
Rmc @ Meas. Temp	.48 @ 92F	
Source of Rmf / Rmc	MEASUREMENT	
Rm @ BHT	.31 @ 117F	
Time Circulation Stopped	2 HOURS	
Time Logger on Bottom	////	
Maximum Recorded Temperature	117F	
Equipment Number	3802	
Location	HAYS, KANSAS	
Recorded By	JASON CAPPELLUCCI	
Witnessed By	DEREK PATTERSON	

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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

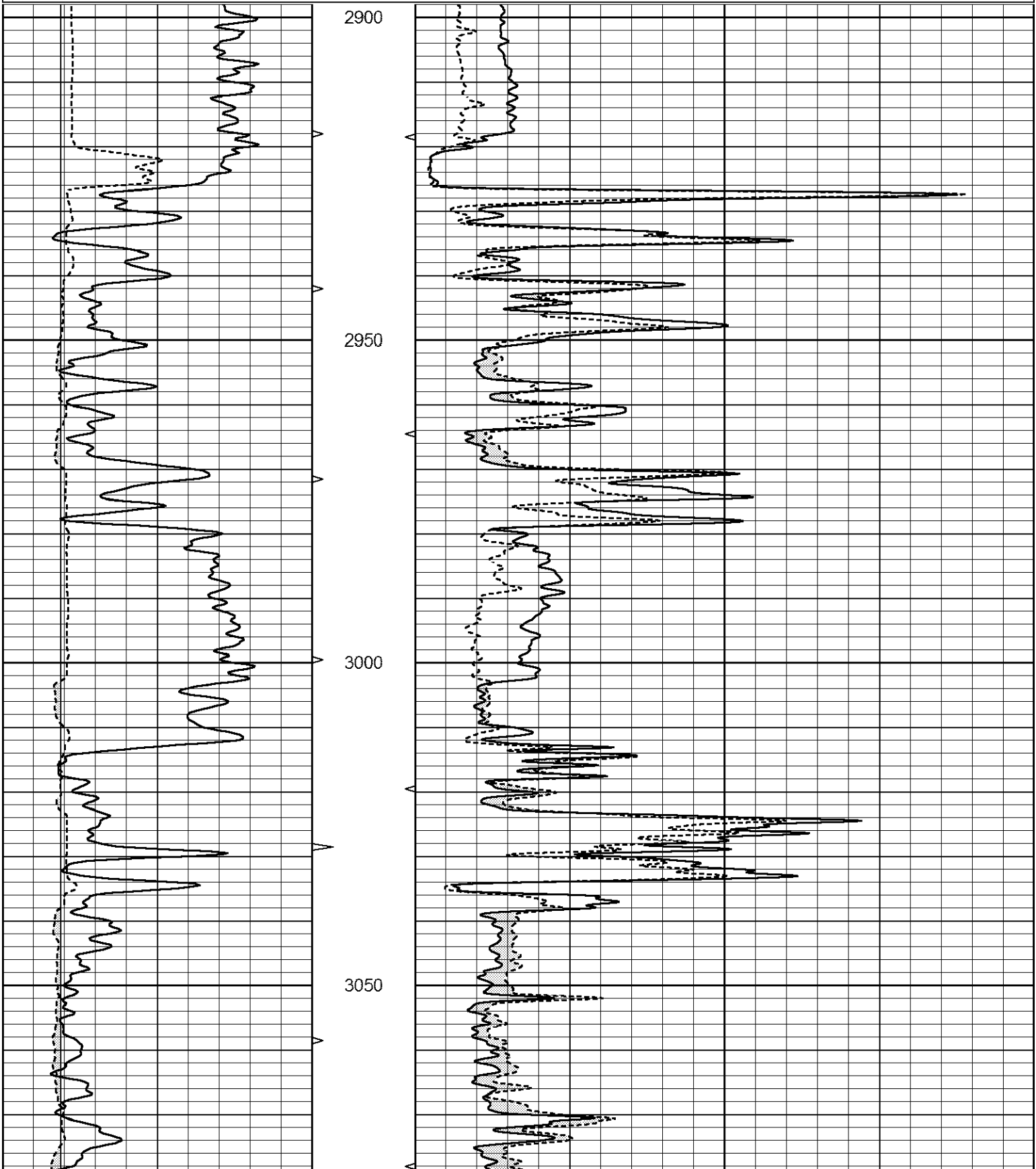
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
STAFFORD, KS. - 3 WEST TO RD 50 - 2 NORTH TO RD. 10 - 1/4 WEST - NORTH INTO

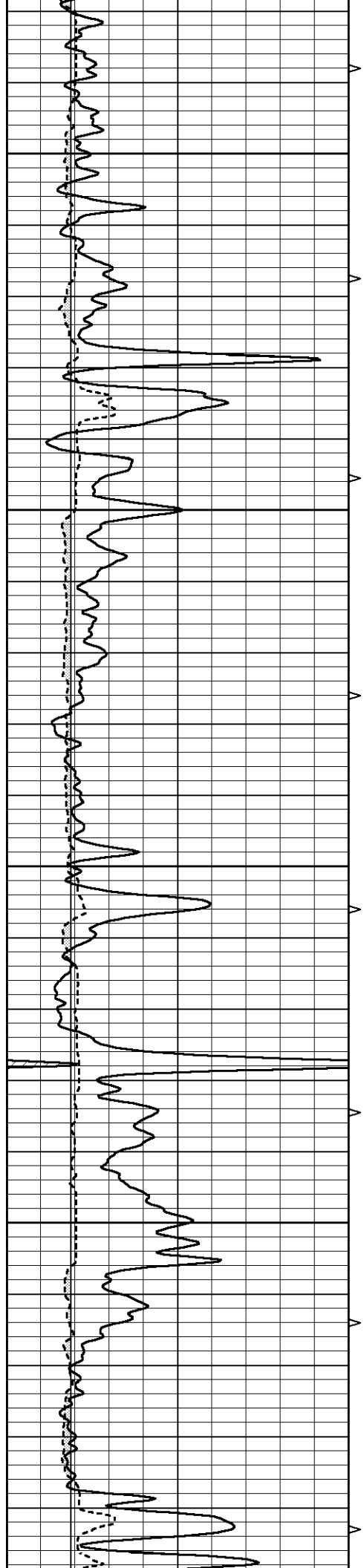


MAIN SECTION

Database File	3640pe8.db
Dataset Pathname	pass7.1
Presentation Format	_micro
Dataset Creation	Sat May 25 16:23:10 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		



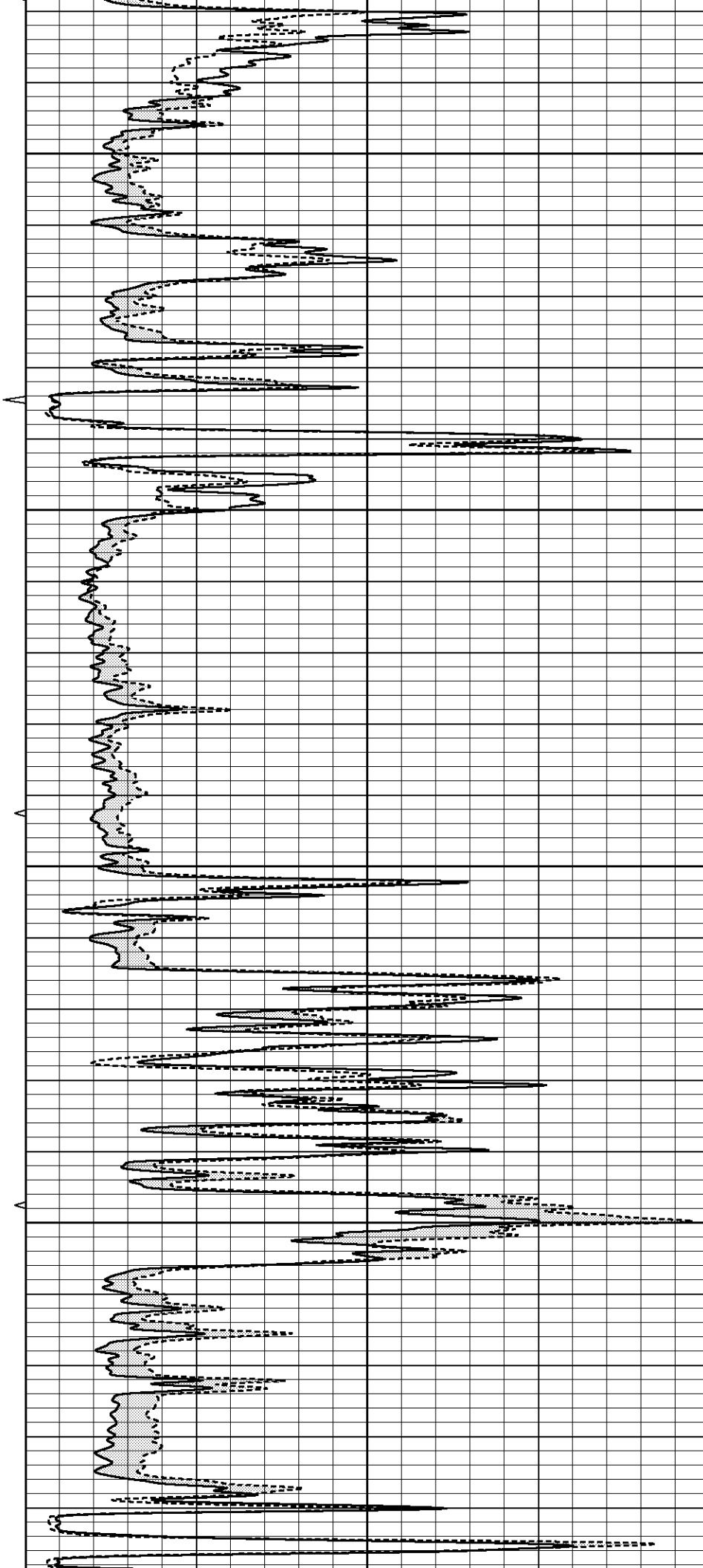


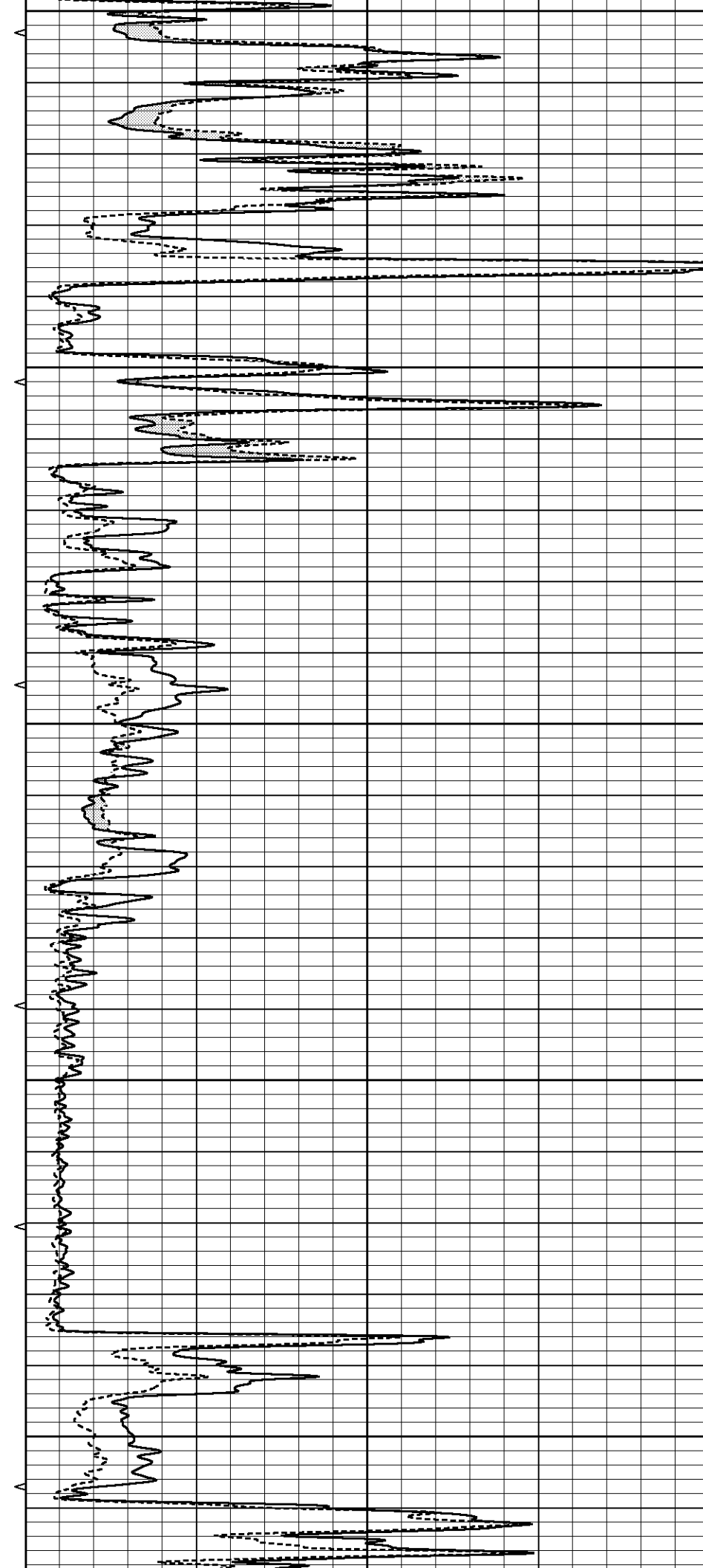
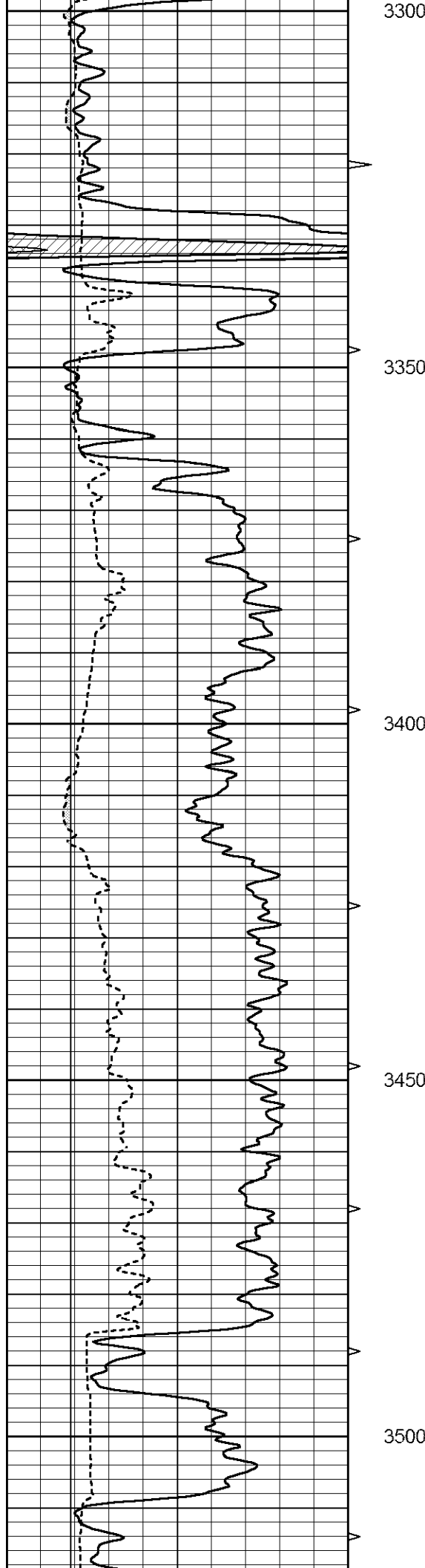
3100

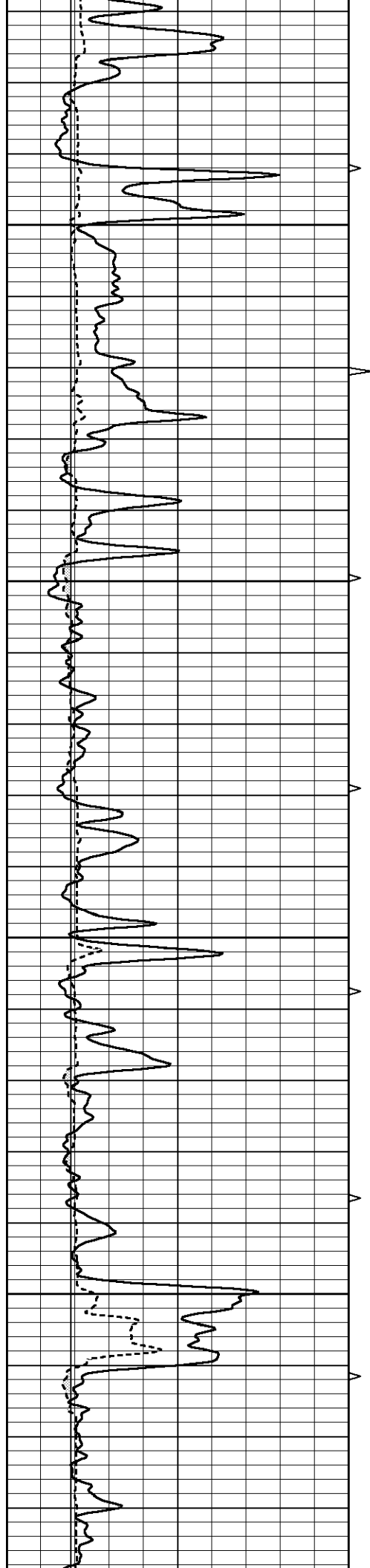
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3200

3250





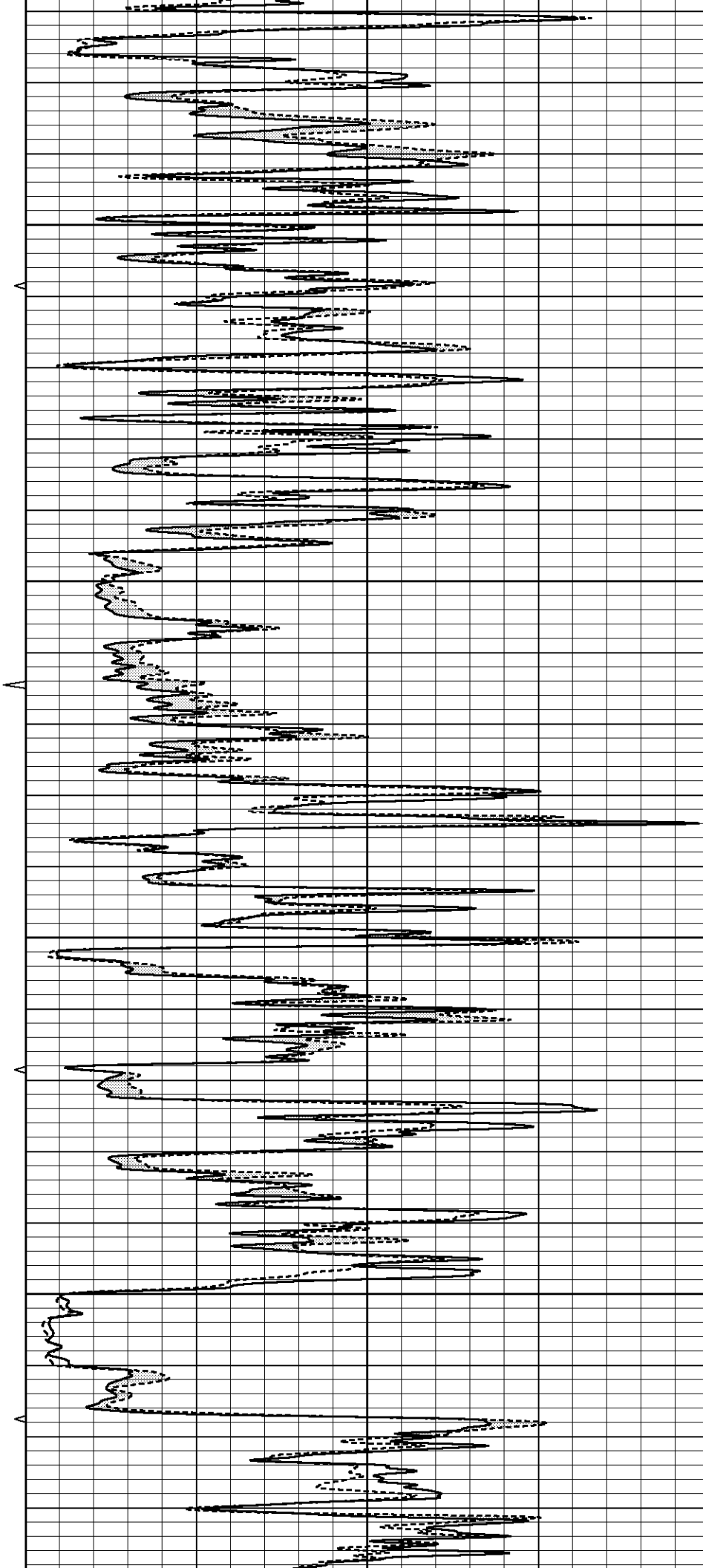


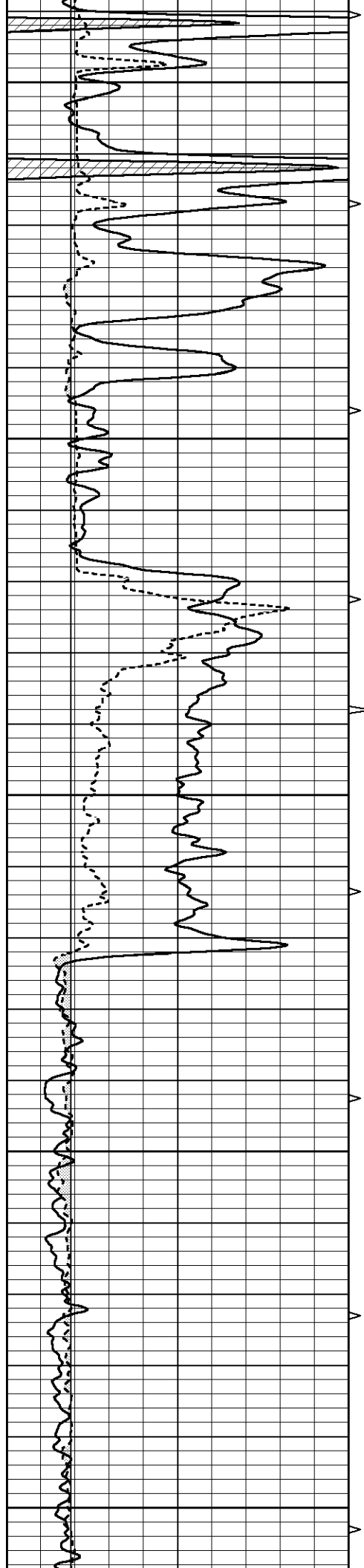
3550

3600

3650

3700





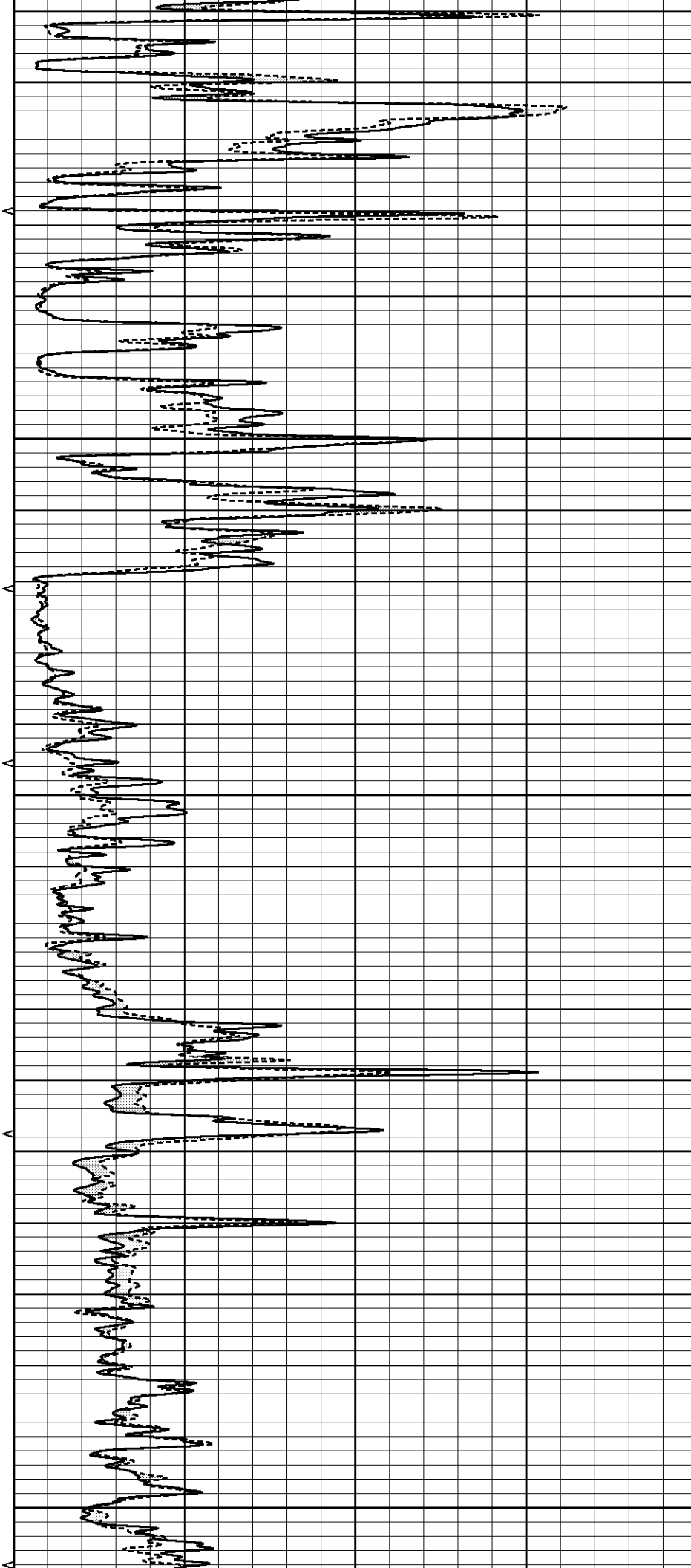
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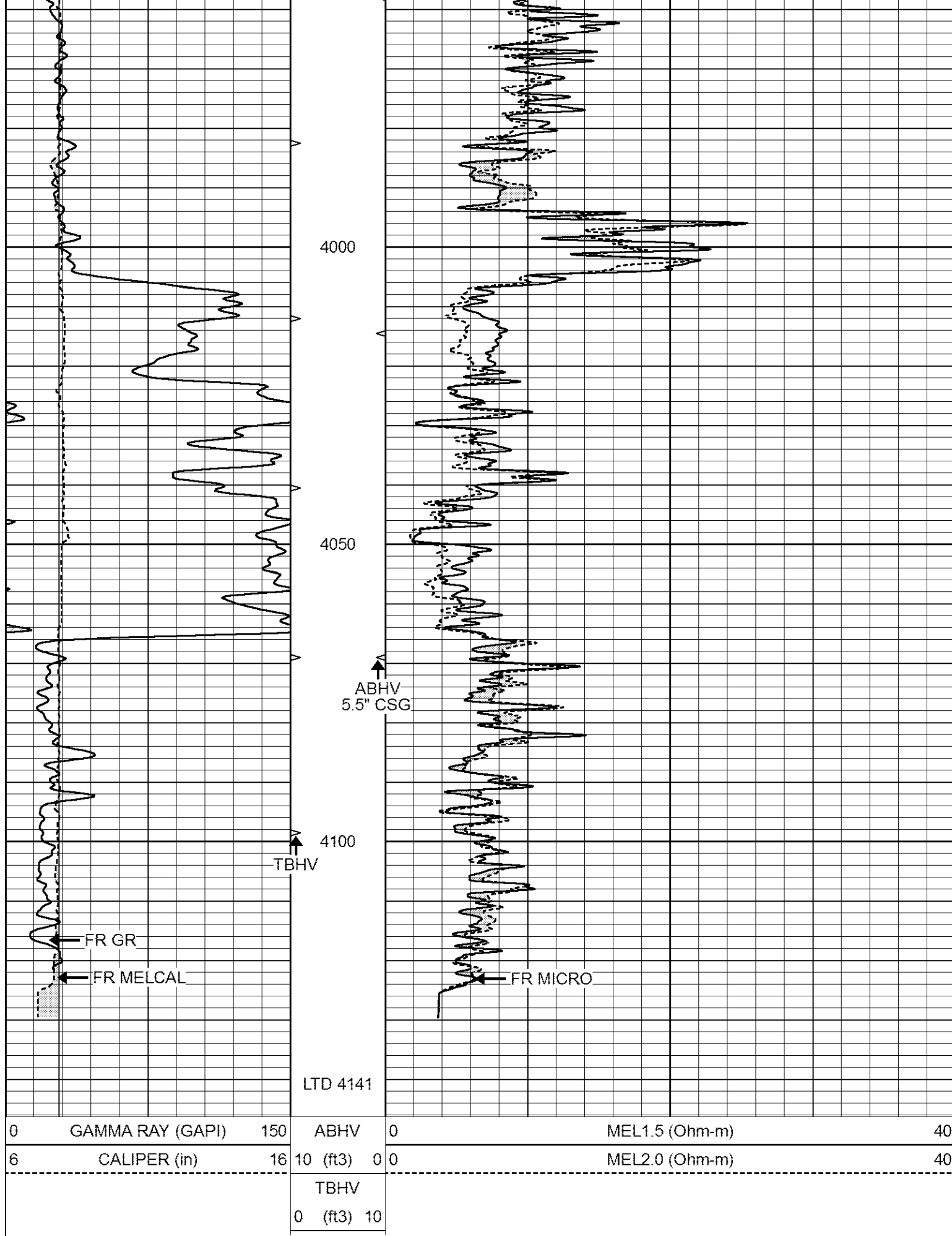
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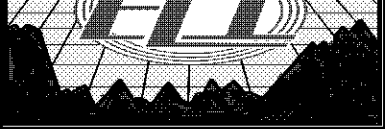
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3900

3950



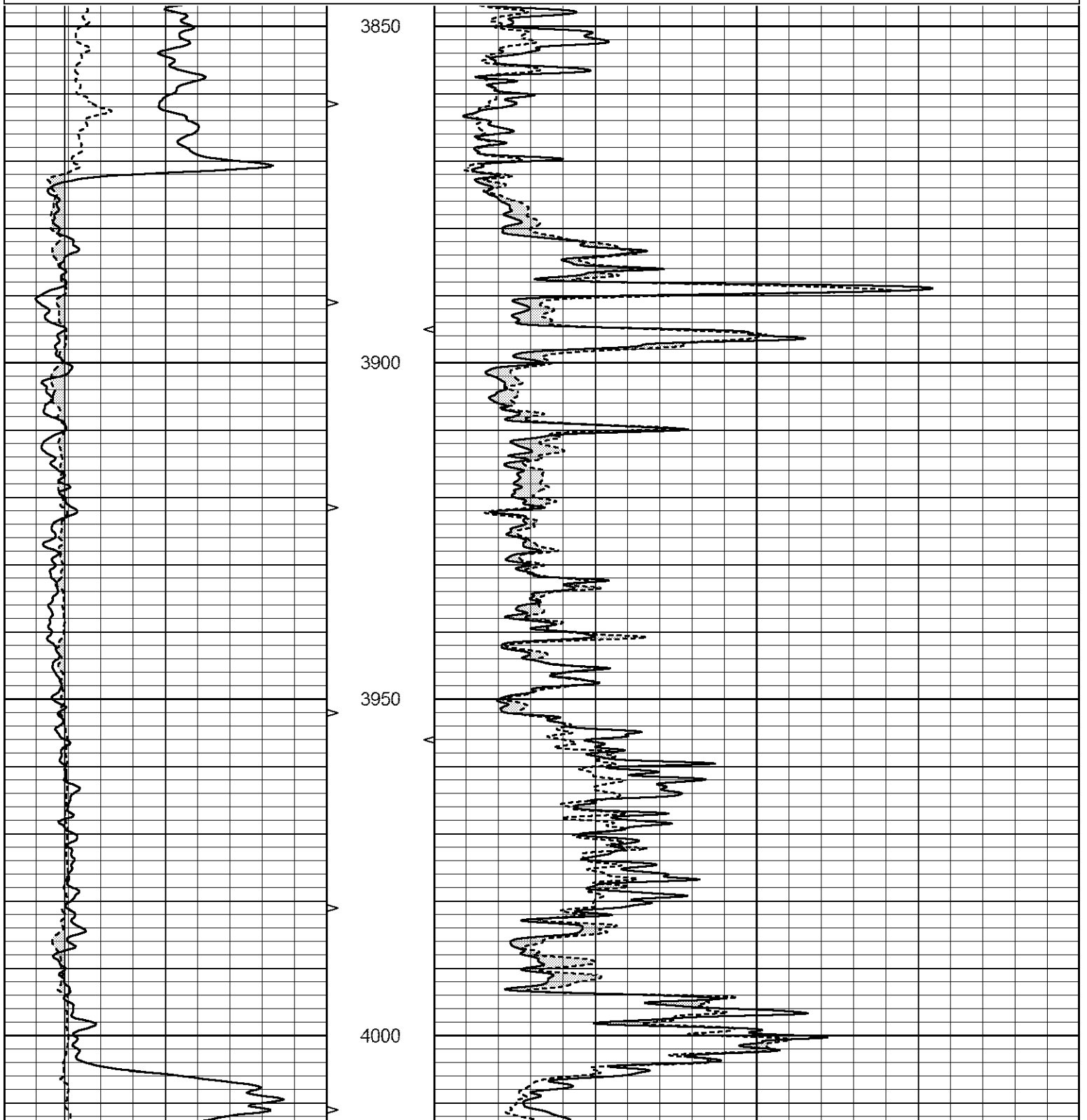


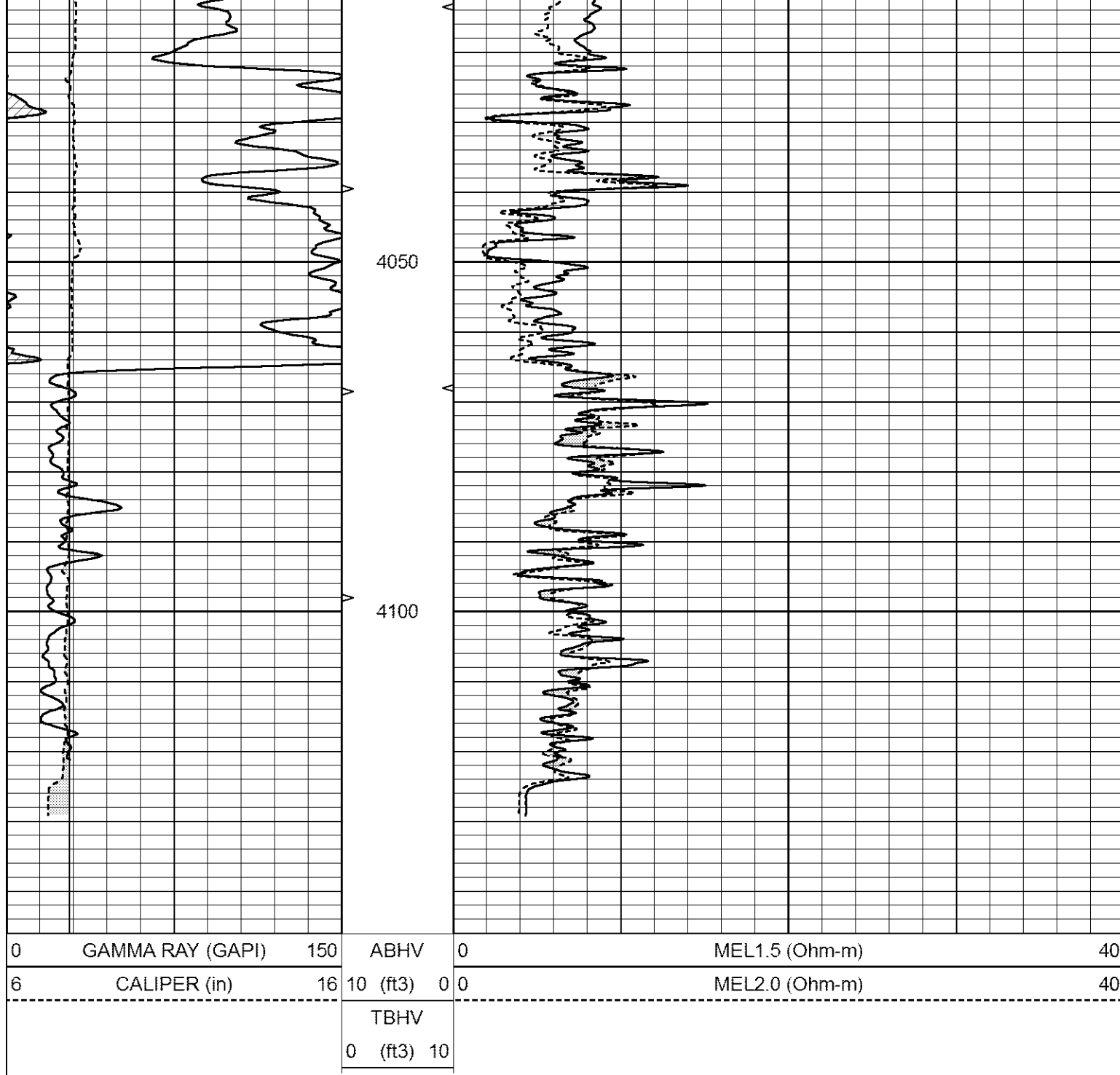


REPEAT SECTION

Database File 3640pe8.db
Dataset Pathname pass6.1
Presentation Format _micro
Dataset Creation Sat May 25 16:07:46 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			





Calibration Report			
Database File	3640pe8.db		
Dataset Pathname	pass6.1		
Dataset Creation	Sat May 25 16:07:46 2019		
MICRO_USR Calibration Report			
Serial Number:	070911		
Tool Model:	ProbeL		
Performed:	Thu May 16 15:44:34 2019		
Caliper Calibration:	Gain=3.755	Offset=2.650	
	Low Cal	High Cal	
References	8.000	14.000	
Readings	1.451	3.049	
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=50.000	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						
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
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			