

MICRO
LOG

Company PIONEER OPERATIONS, LLC
Well HAZEN #1
Field WEBSTER VIEW SOUTHEAST
County ROOKS State KANSAS

Location: API # : 15-163-24443-0000
2785' FSL & 1438' FEL
SE/SE/SW/NE
SEC 4 TWP 8S RGE 18W
Permanent Datum GROUND LEVEL Elevation 1919
Log Measured From KELLY BUSHING 5' A.G.L
Drilling Measured From KELLY BUSHING
Other Services
CNL/CDL
DIL
Elevation
K.B. 1924
D.F. 1922
G.L. 1919

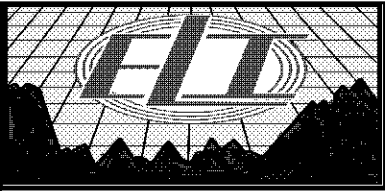
Date	3/26/22		
Run Number	TWO		
Depth Driller	3434		
Depth Logger	3434		
Bottom Logged Interval	3432		
Top Log Interval	2750		
Casing Driller	8 5/8" @245		
Casing Logger	245		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 4600 PPM	
Density / Viscosity	9.3/56		
pH / Fluid Loss	10.5/6.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.95@65F		
Rmf @ Meas. Temp	.71@65F		
Rmc @ Meas. Temp	1.14@65F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.56@111F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	////		
Maximum Recorded Temperature	111F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	TJ DREILING		
Witnessed By	JANEL STAAB		

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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

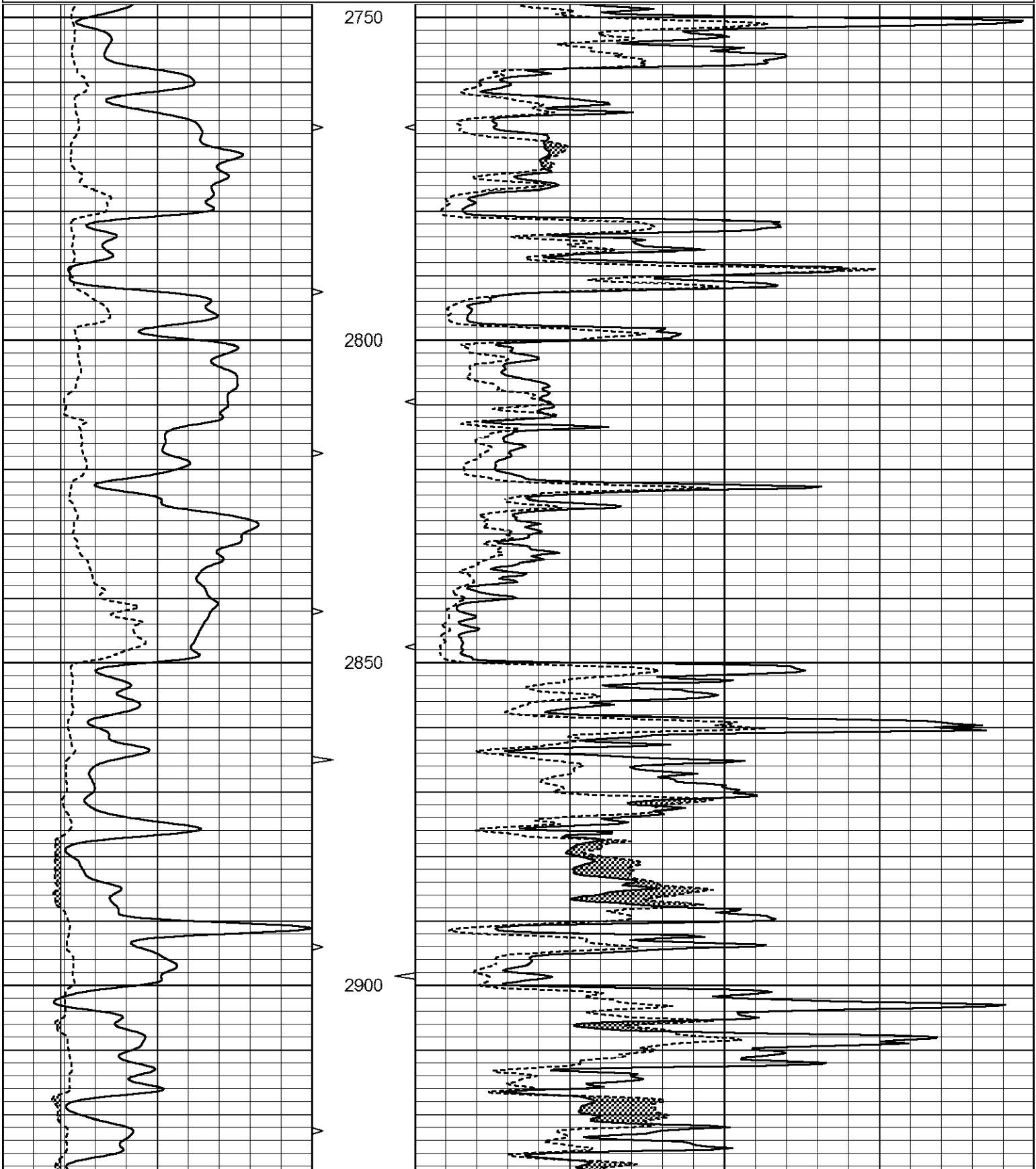
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
-COMING INTO STOCKTON KANSAS, TAKE ROAD "K" (BY TIRE SHOP) WEST A COUPLE MILES,
-THE ROAD CURVES SOUTH TO "L" TERRACE, - BACK WEST 1/4 MILE,
-SOUTH INTO THROUGH PASTURE

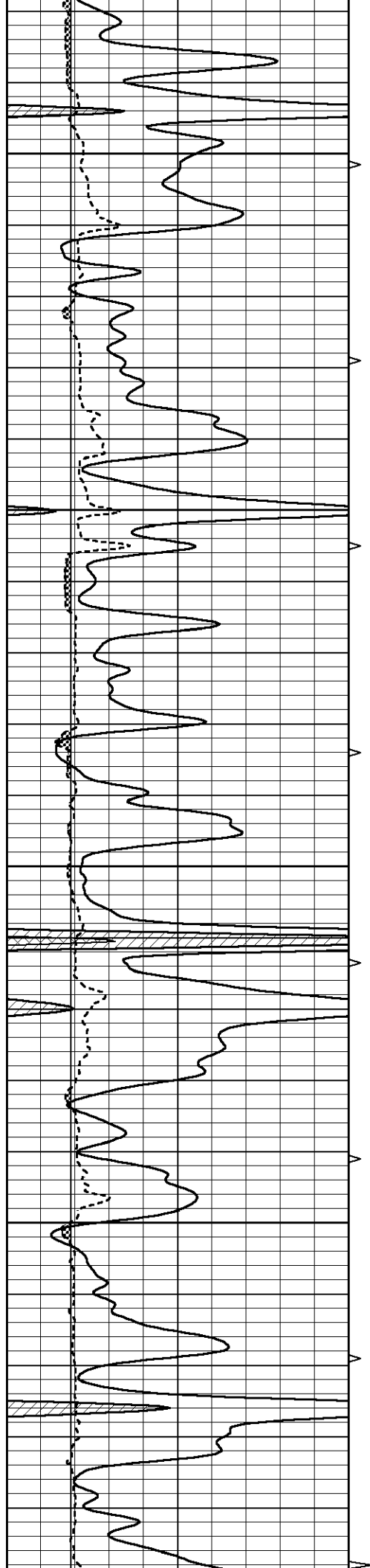


MAIN SECTION

Database File	6380ddn.db
Dataset Pathname	pass6.1
Presentation Format	_micro
Dataset Creation	Sat Mar 26 19:38:06 2022
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		



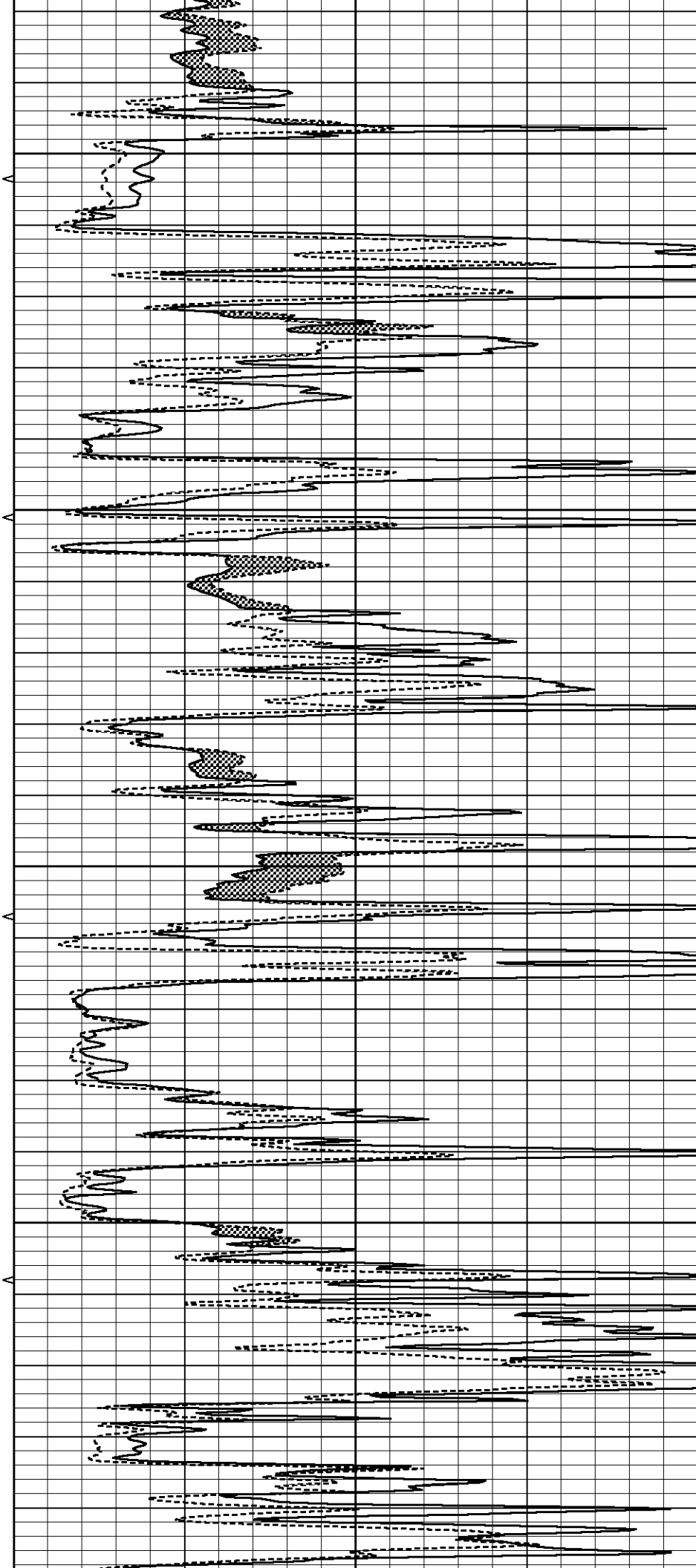


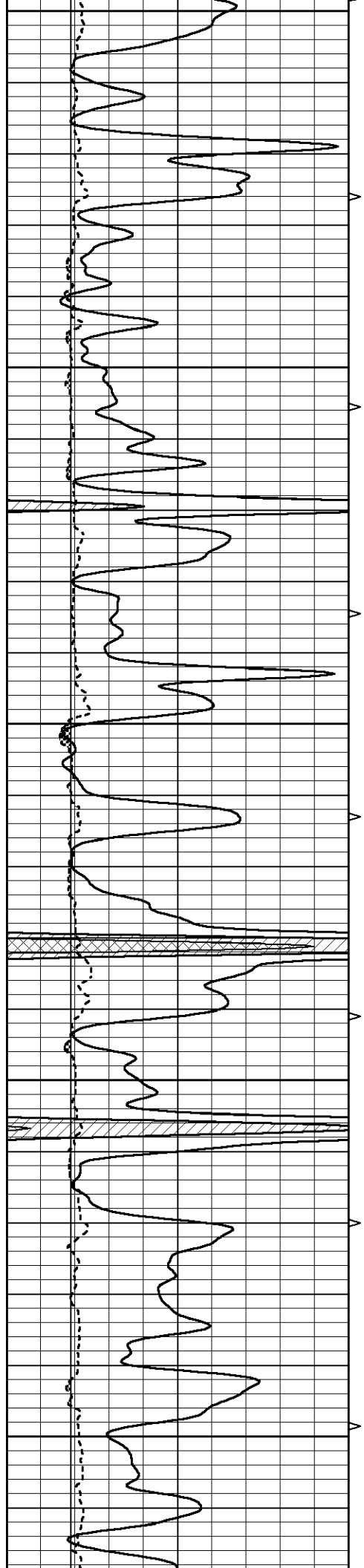
2950

3000

3050

3100





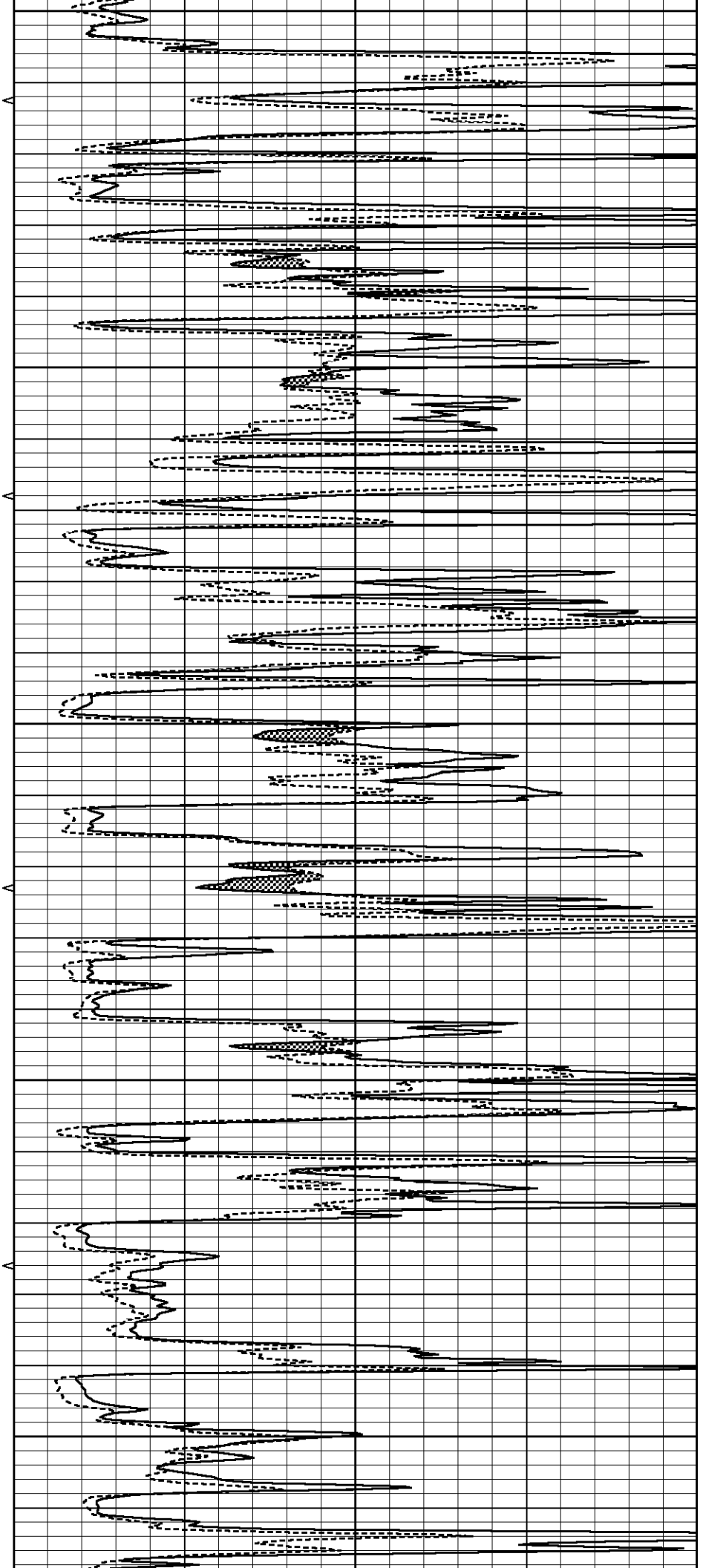
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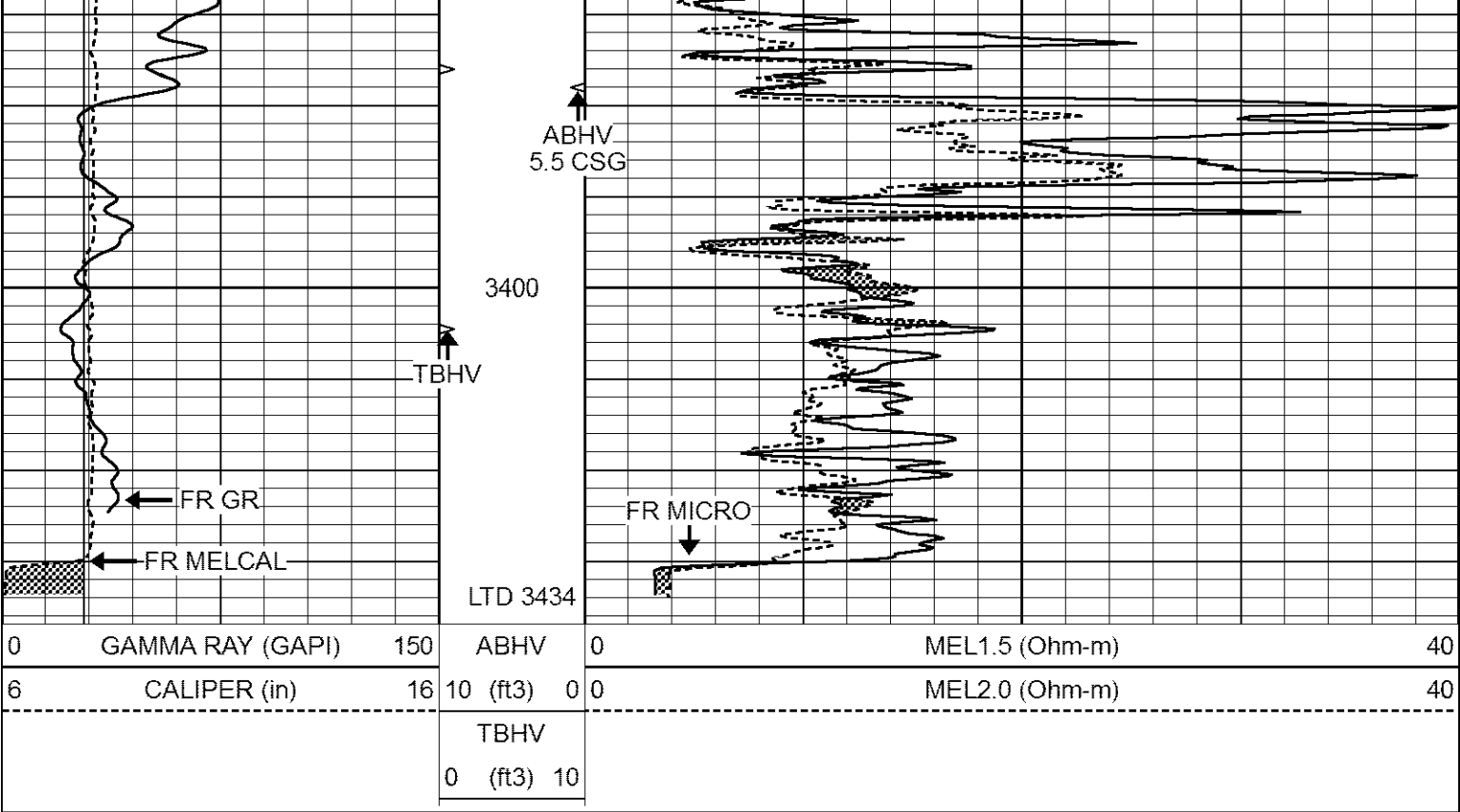
3200

3250

3300

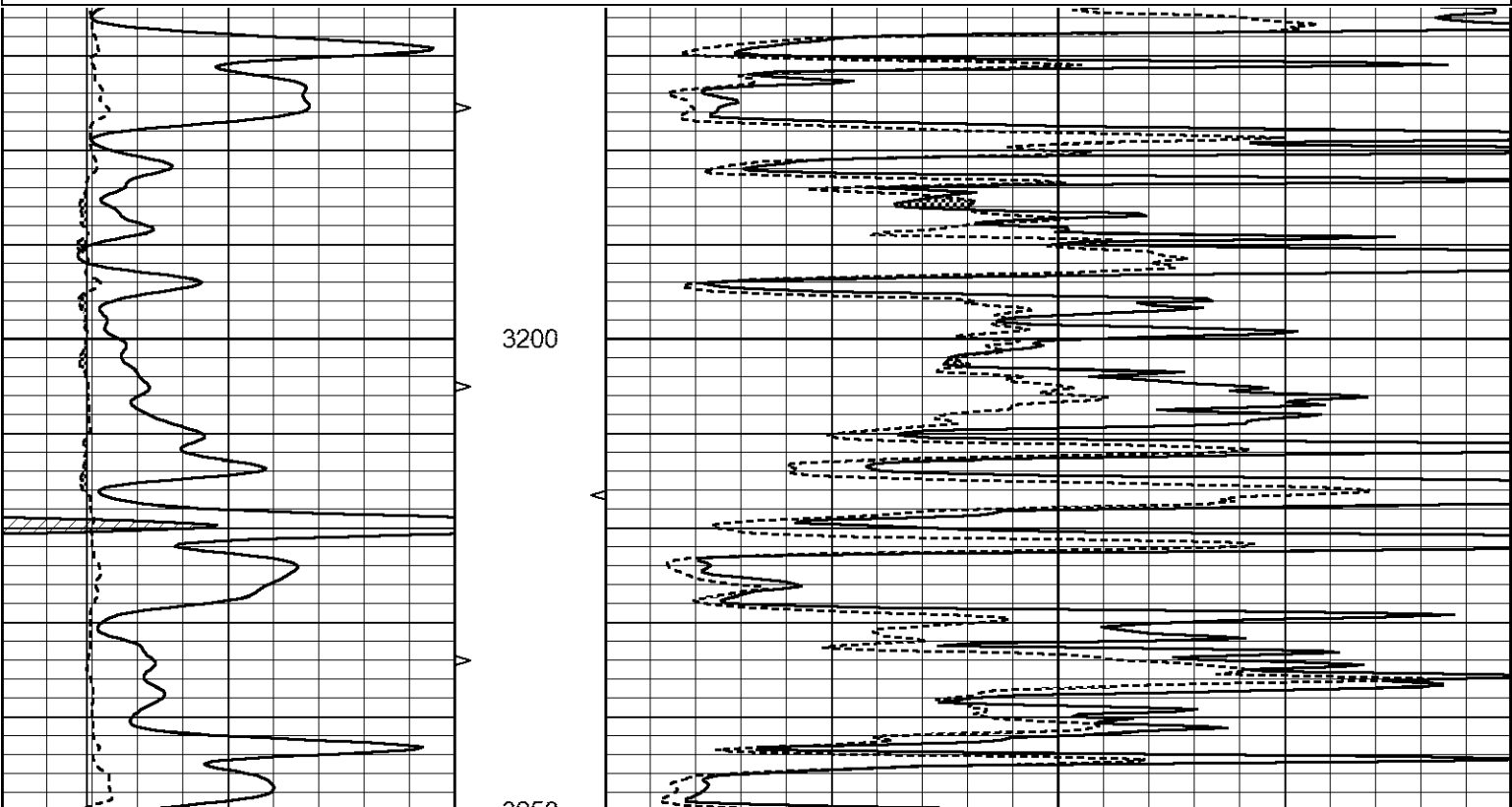
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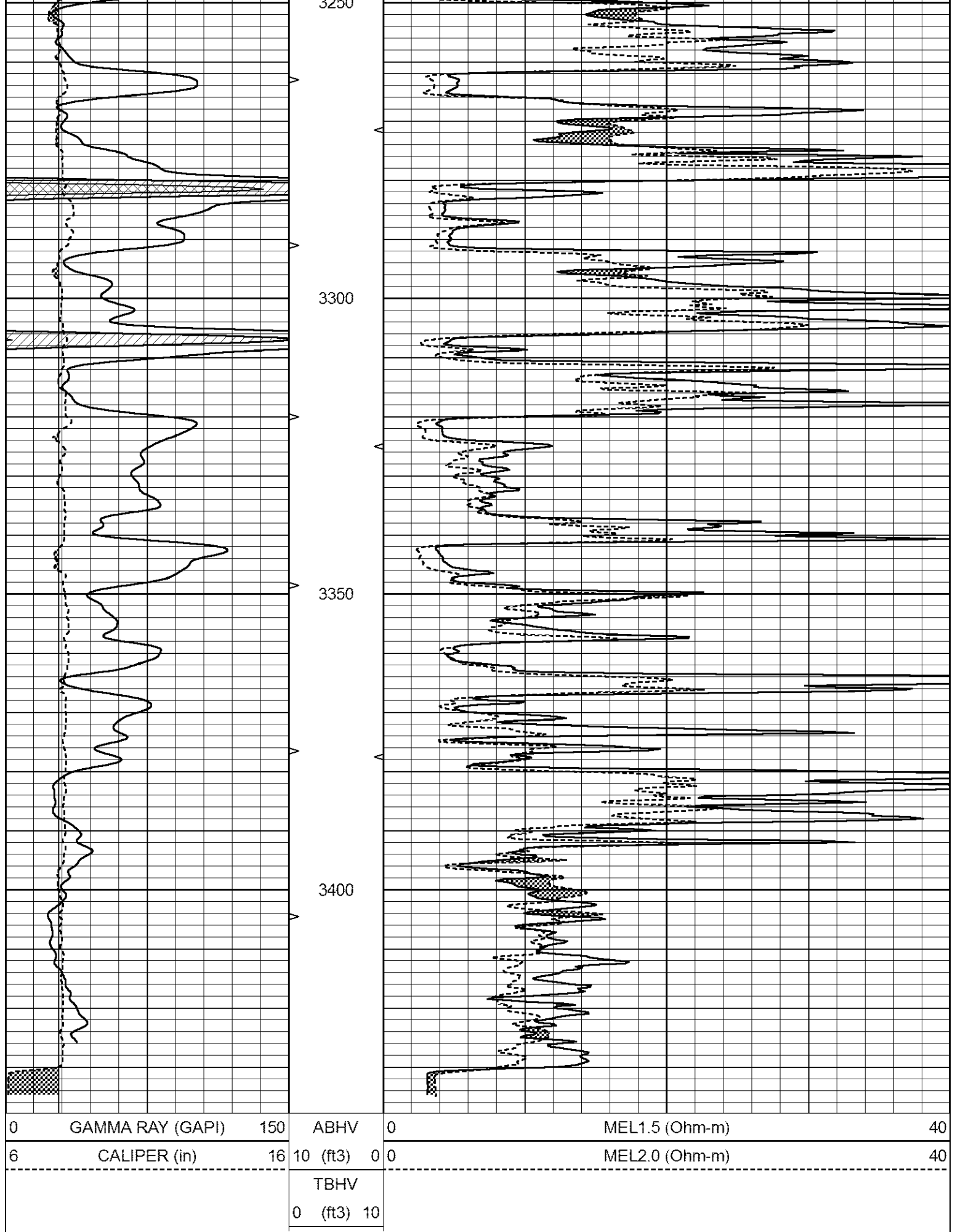




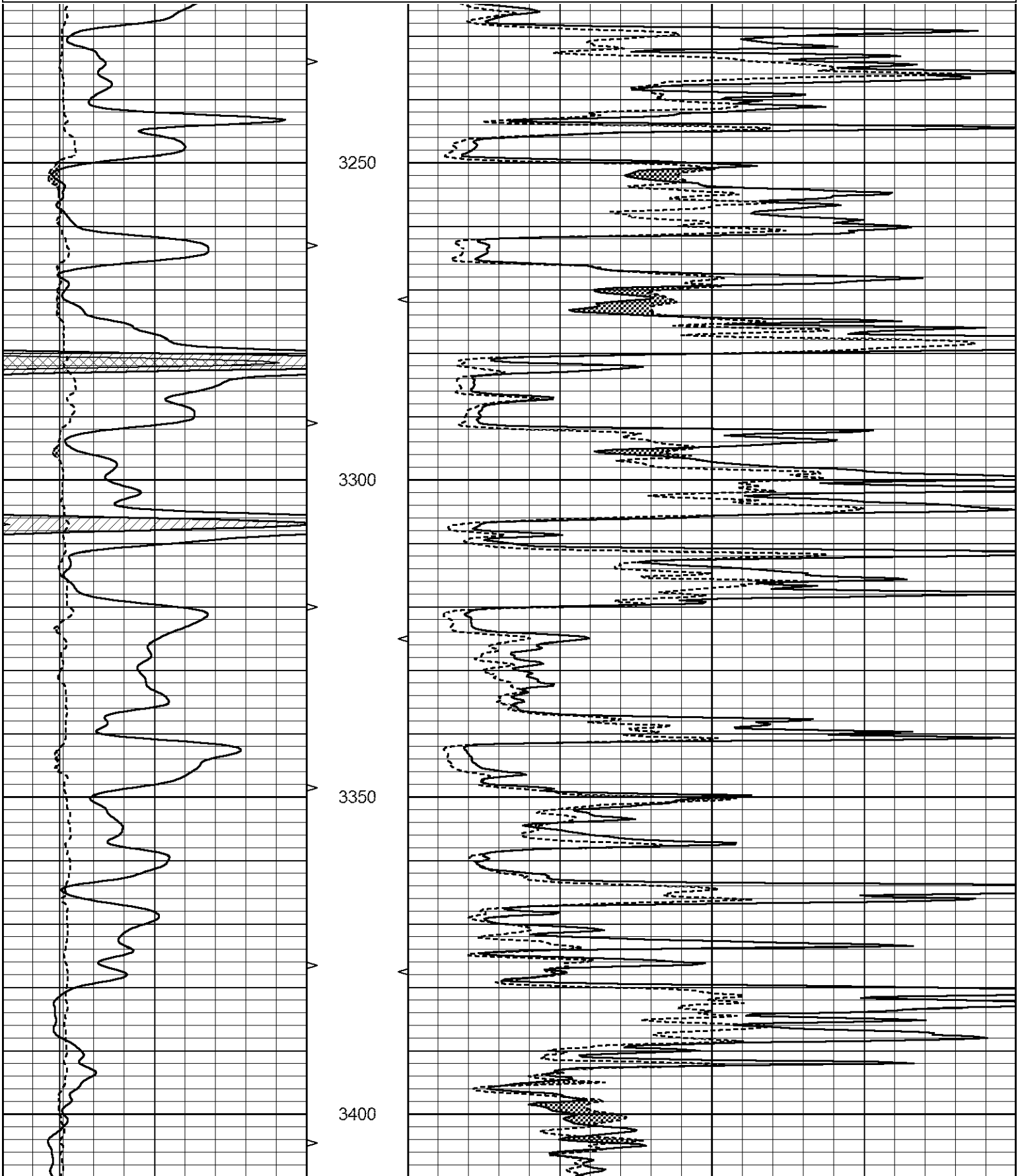
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Dataset Pathname	pass5.1
Presentation Format	_micro
Dataset Creation	Sat Mar 26 19:50:10 2022
Charted by	Depth in Feet scaled 1:240

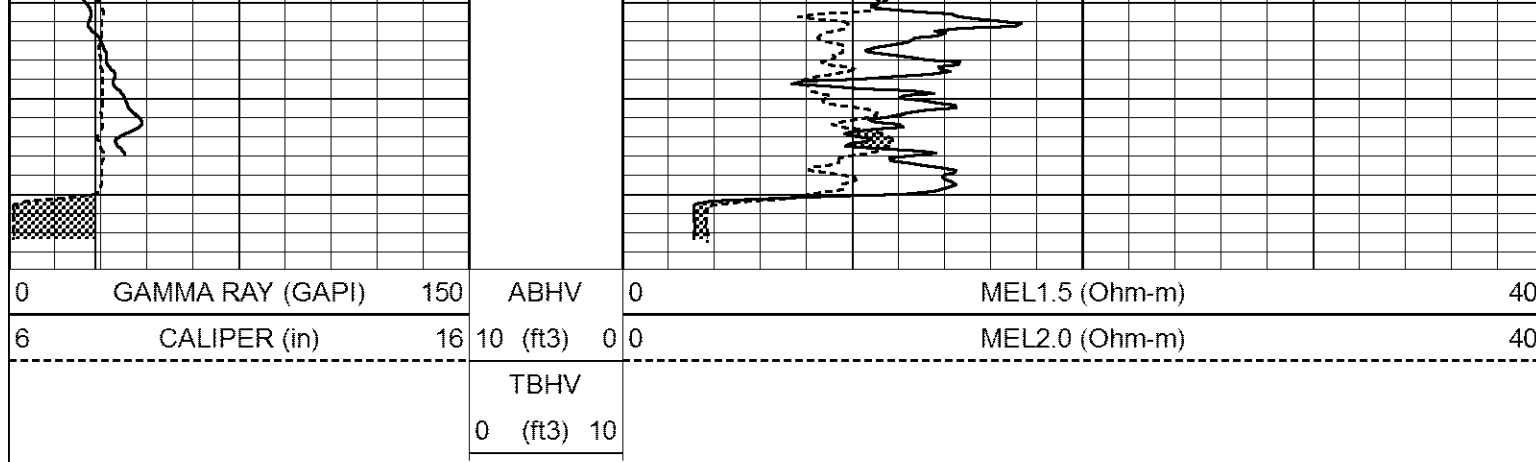
0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3) 0 0	0	MEL2.0 (Ohm-m)	40
			TBHV			
			0 (ft3) 10			





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			





Calibration Report	
Database File	6380ddn.db
Dataset Pathname	pass6.1
Dataset Creation	Sat Mar 26 19:38:06 2022

MICRO_USR Calibration Report

Serial Number:	070910
Tool Model:	ProbeL
Performed:	Sun Jan 23 09:07:22 2022

Caliper Calibration:	Gain=7.192	Offset=3.002
References	Low Cal 8.000	High Cal 14.000
Readings	0.723	1.557

1.5" Calibration:	Gain=35.000	Offset=1.000
References	Low Cal 0.000	High Cal 20.000
Readings	0.004	1.335

2" Calibration:	Gain=65.000	Offset=-1.000
References	Low Cal 0.000	High Cal 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:	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