

MICRO LOG

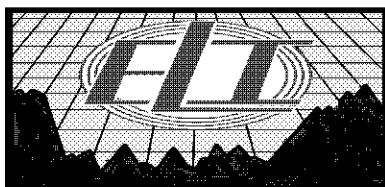
Company JASPAR CO.		Company JASPAR CO.	
Well LIZA #1		Well LIZA #1	
Field		Field	
County ROOKS		County ROOKS	State KANSAS
State KANSAS			
Location: 855' FNL & 1005' FEL		API #: 15-163-24373-0000	
SEC 29 TWP 9S RGE 19W		Other Services CDL/CNL DIL	
Permanent Datum	GROUND LEVEL	Elevation	2183
Log Measured From	KELLY BUSHING 5' A.G.L	K.B. 2188	
Drilling Measured From	KELLY BUSHING	D.F. 2186	
		G.L. 2183	
Date	9/27/18		
Run Number	TWO		
Depth Driller	3700		
Depth Logger	3701		
Bottom Logged Interval	3699		
Top Log Interval	3040		
Casing Driller	8 5/8" @ 260		
Casing Logger	260		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 6000 PPM	
Density / Viscosity	9.0/52		
pH / Fluid Loss	10.5/7.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.50 @ 77F		
Rmf @ Meas. Temp	.37 @ 77F		
Rmc @ Meas. Temp	.60 @ 77F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.34 @ 113F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	////		
Maximum Recorded Temperature	113F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	JEFF LAWLER		

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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

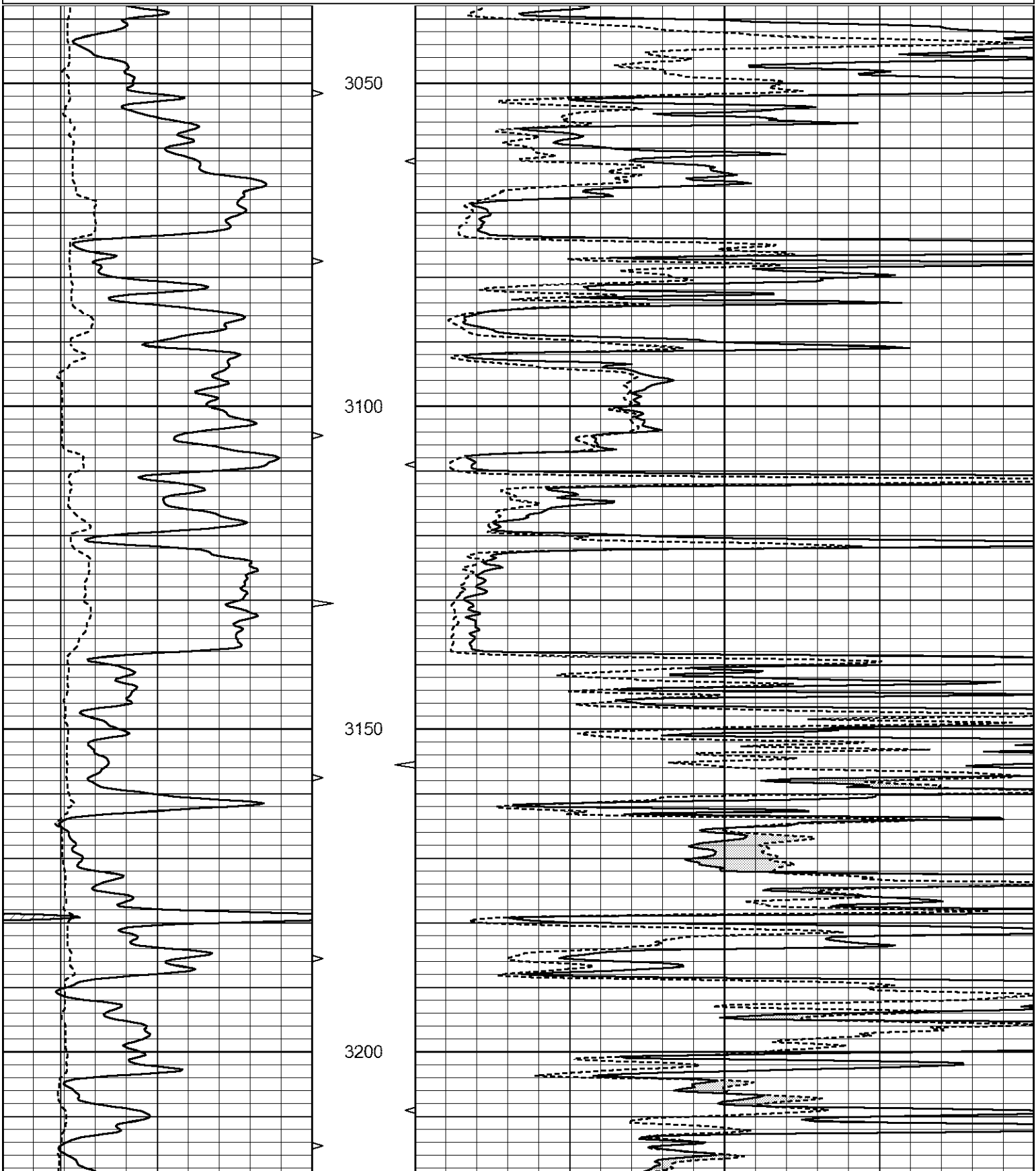
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
ZURICH, KS. - 1 WEST TO RD. 9 - 3/4 NORTH - WEST INTO

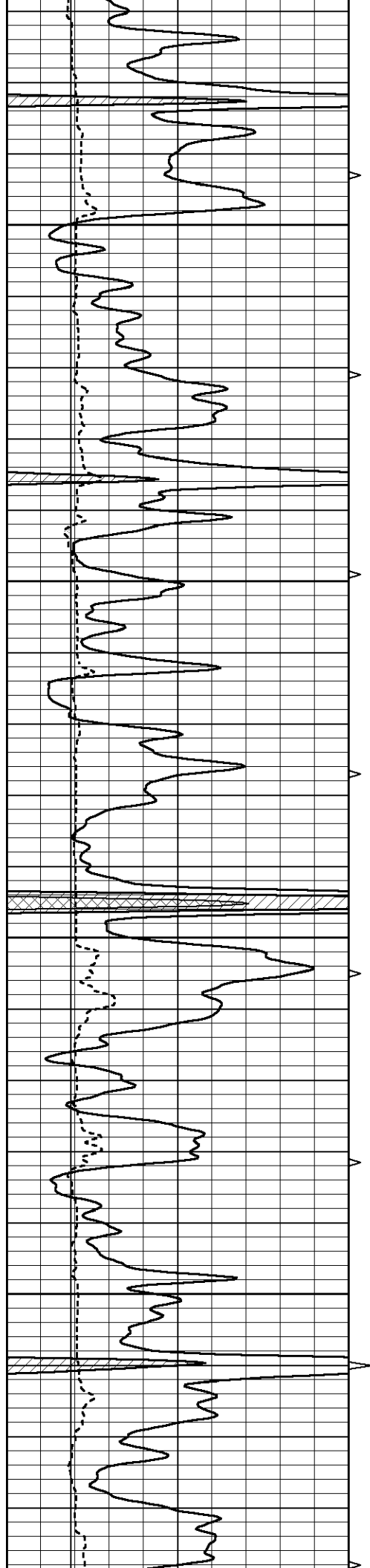


MAIN SECTION

Database File	3005ddn.db
Dataset Pathname	pass6.1
Presentation Format	_micro
Dataset Creation	Thu Sep 27 12:08:26 2018
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		



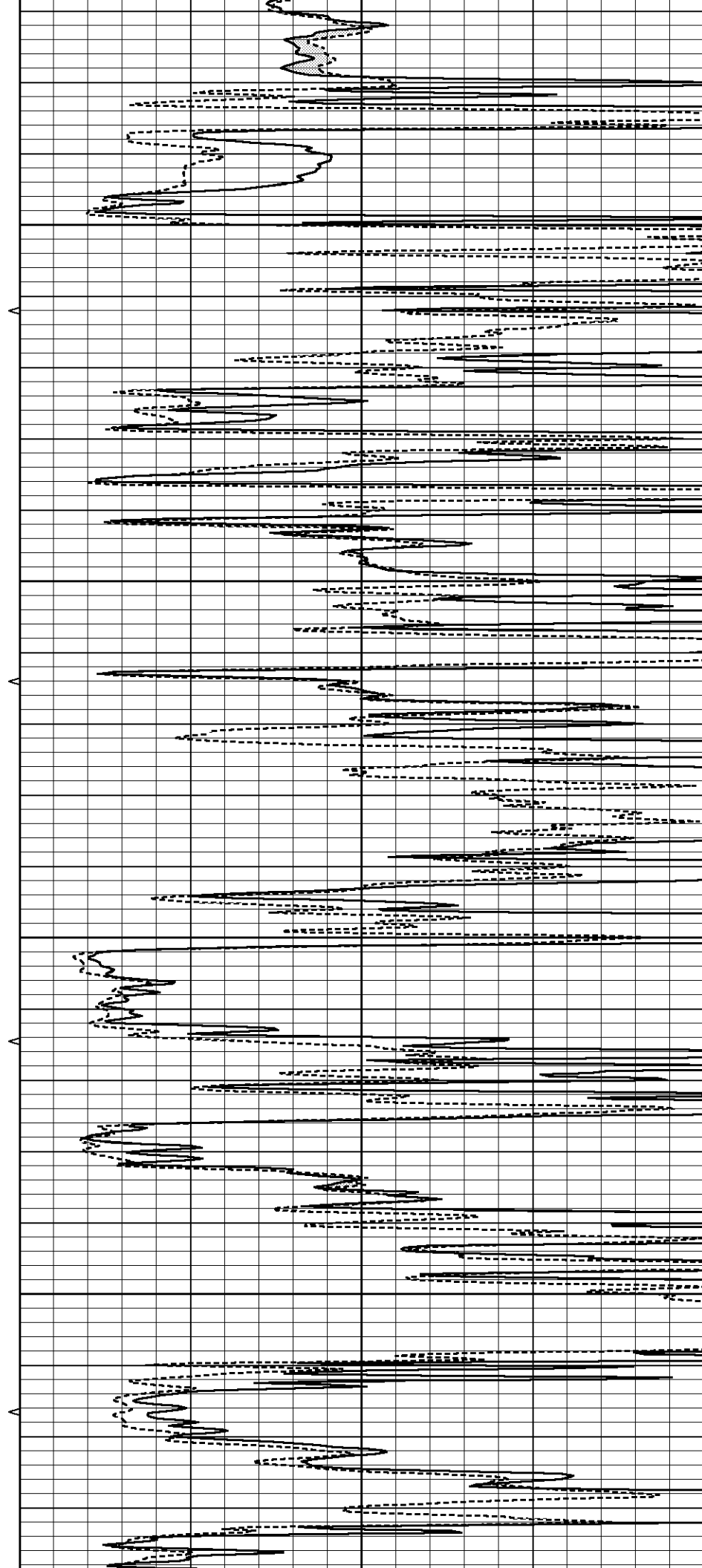


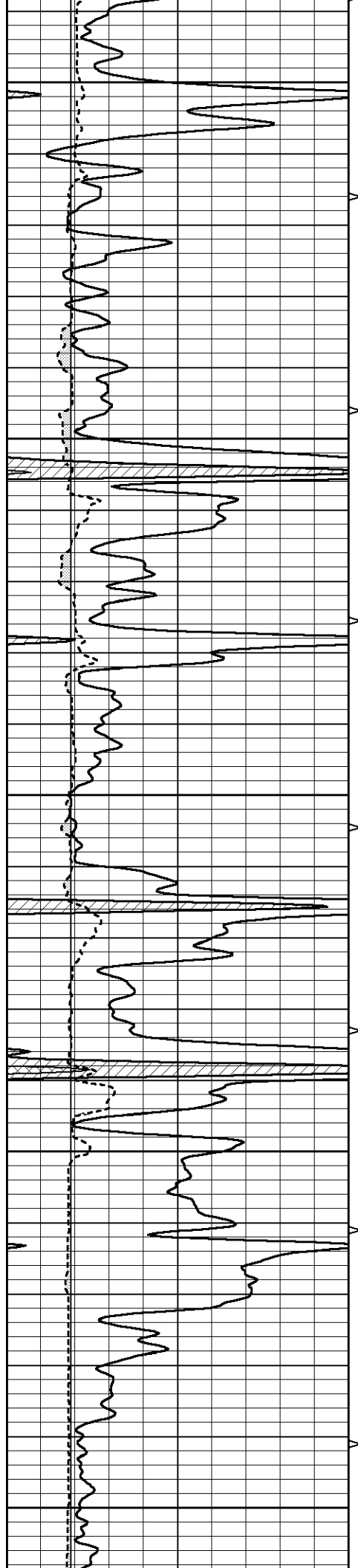
3250

3300

3350

3400





3450

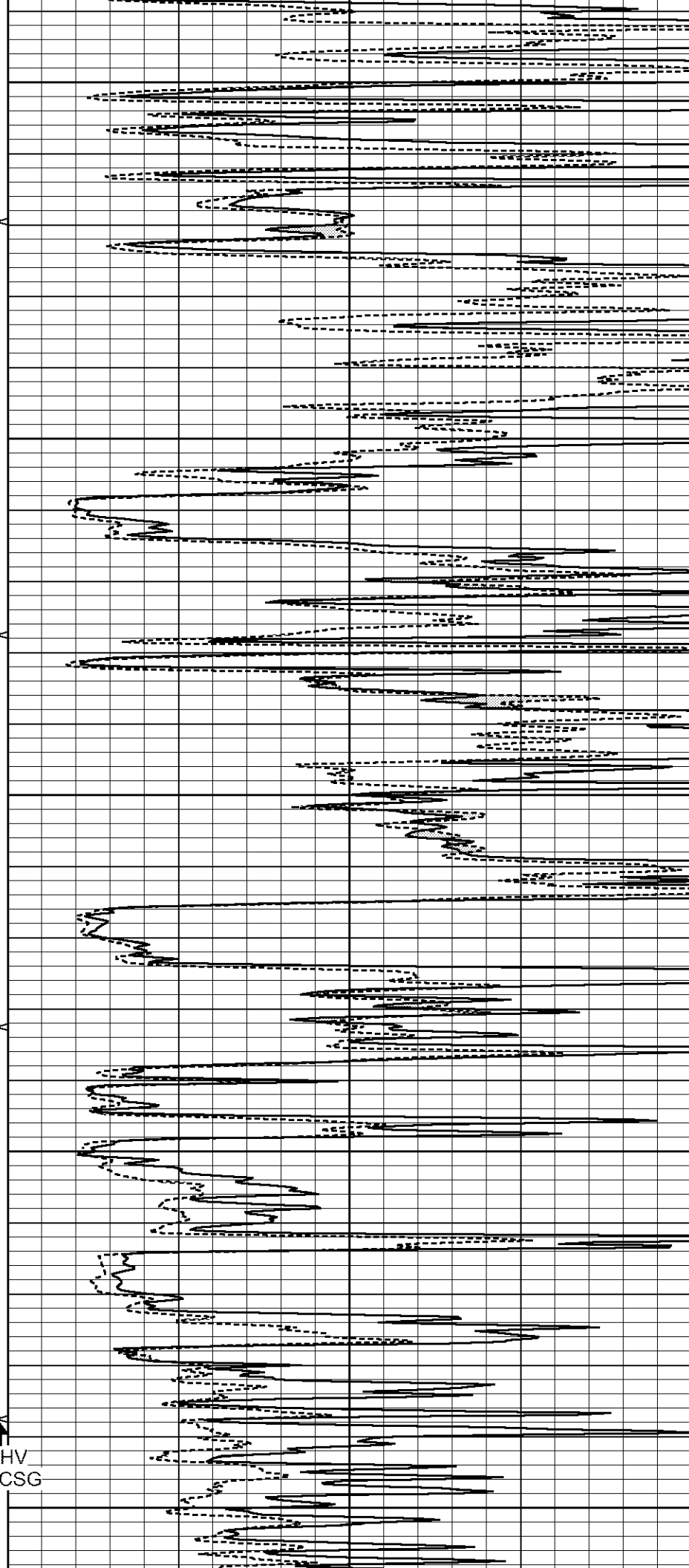
3500

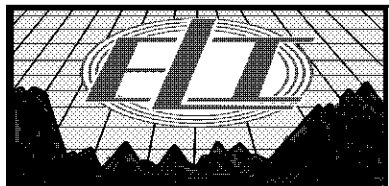
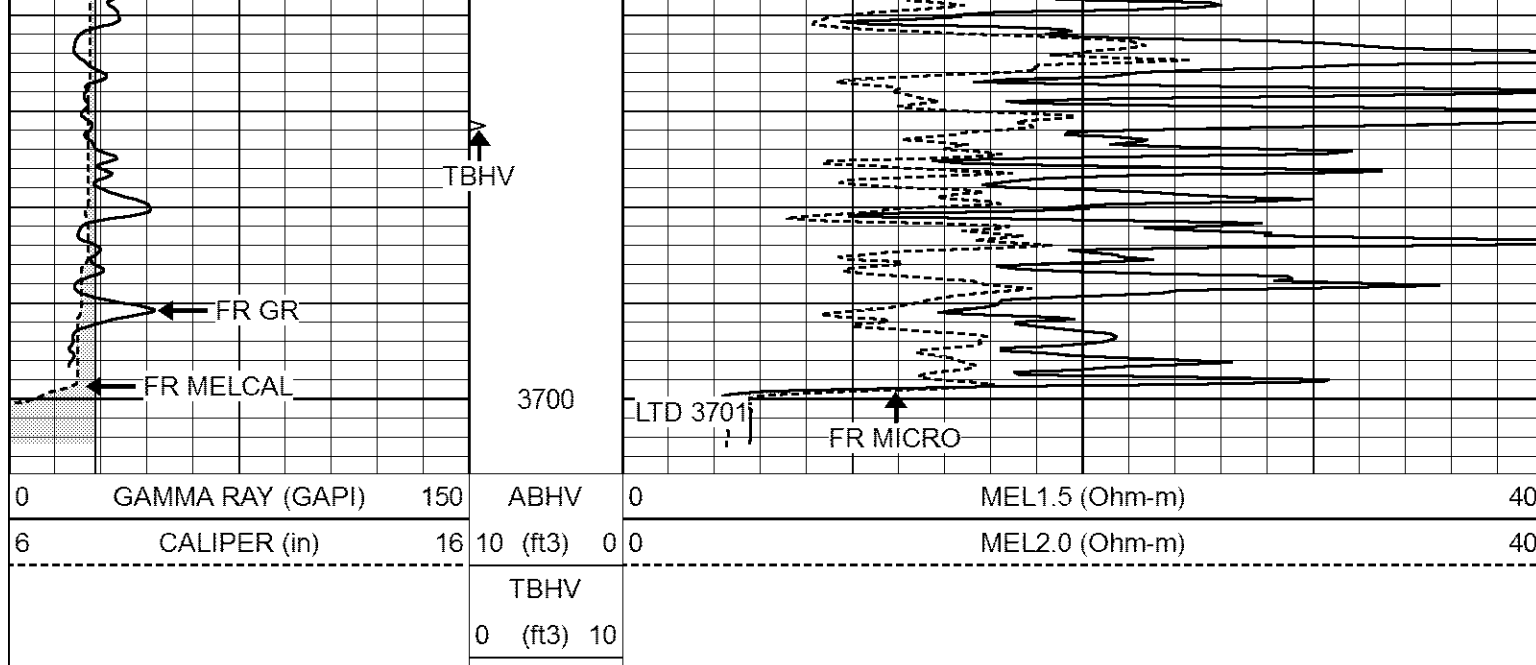
3550

3600

3650

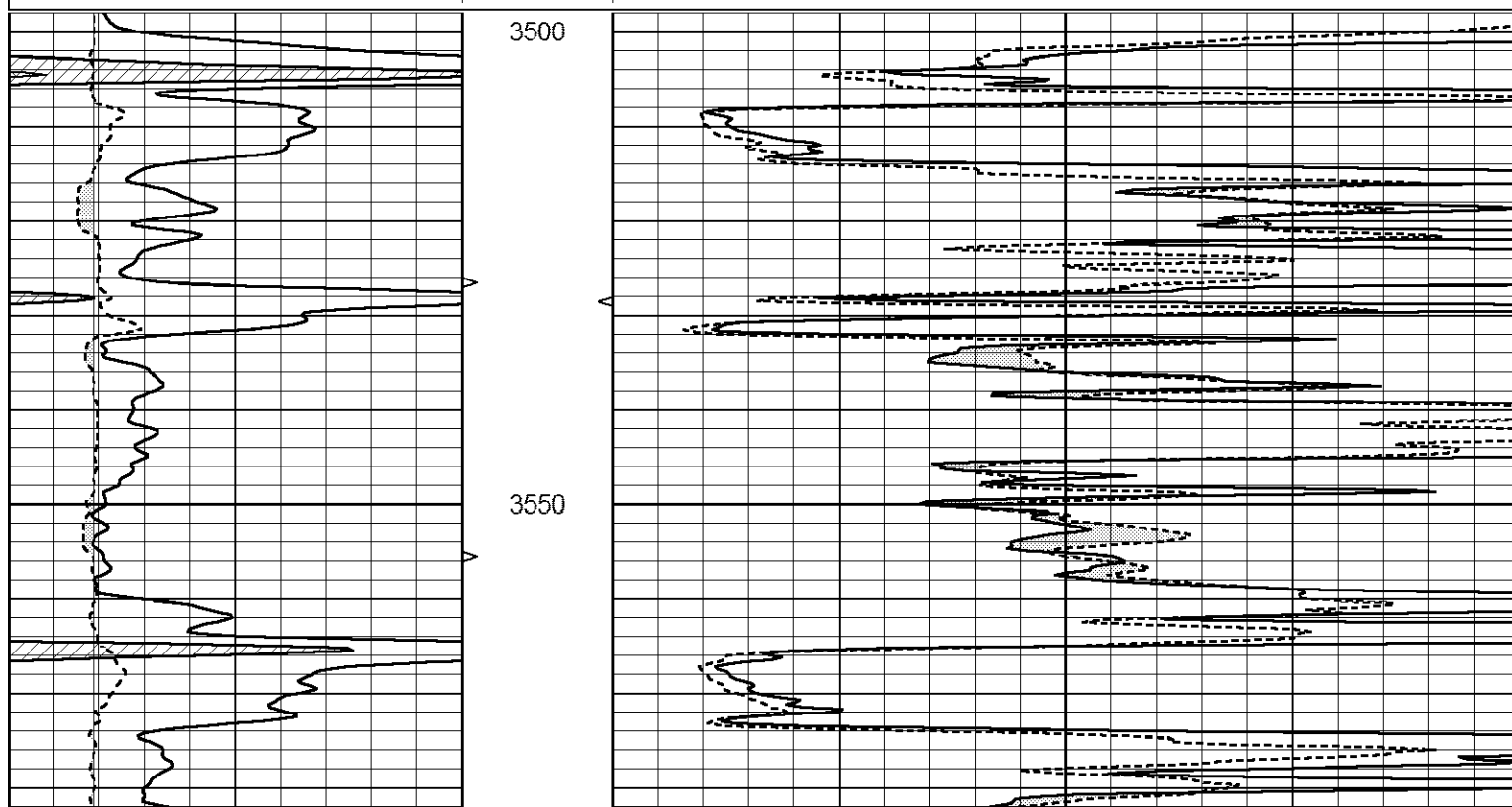
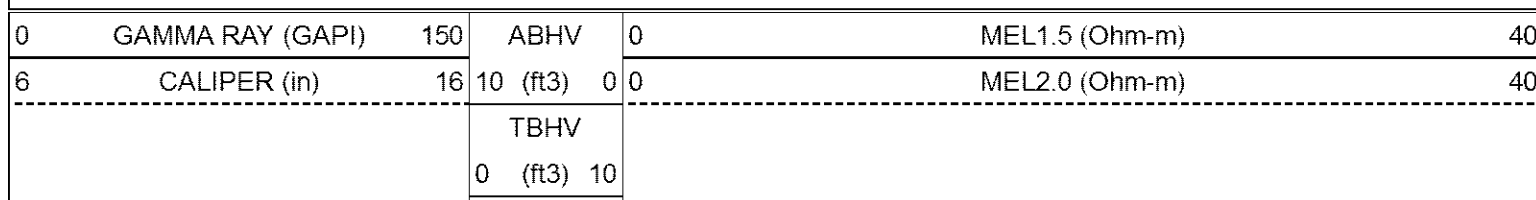
ABHV
5.5" CSG

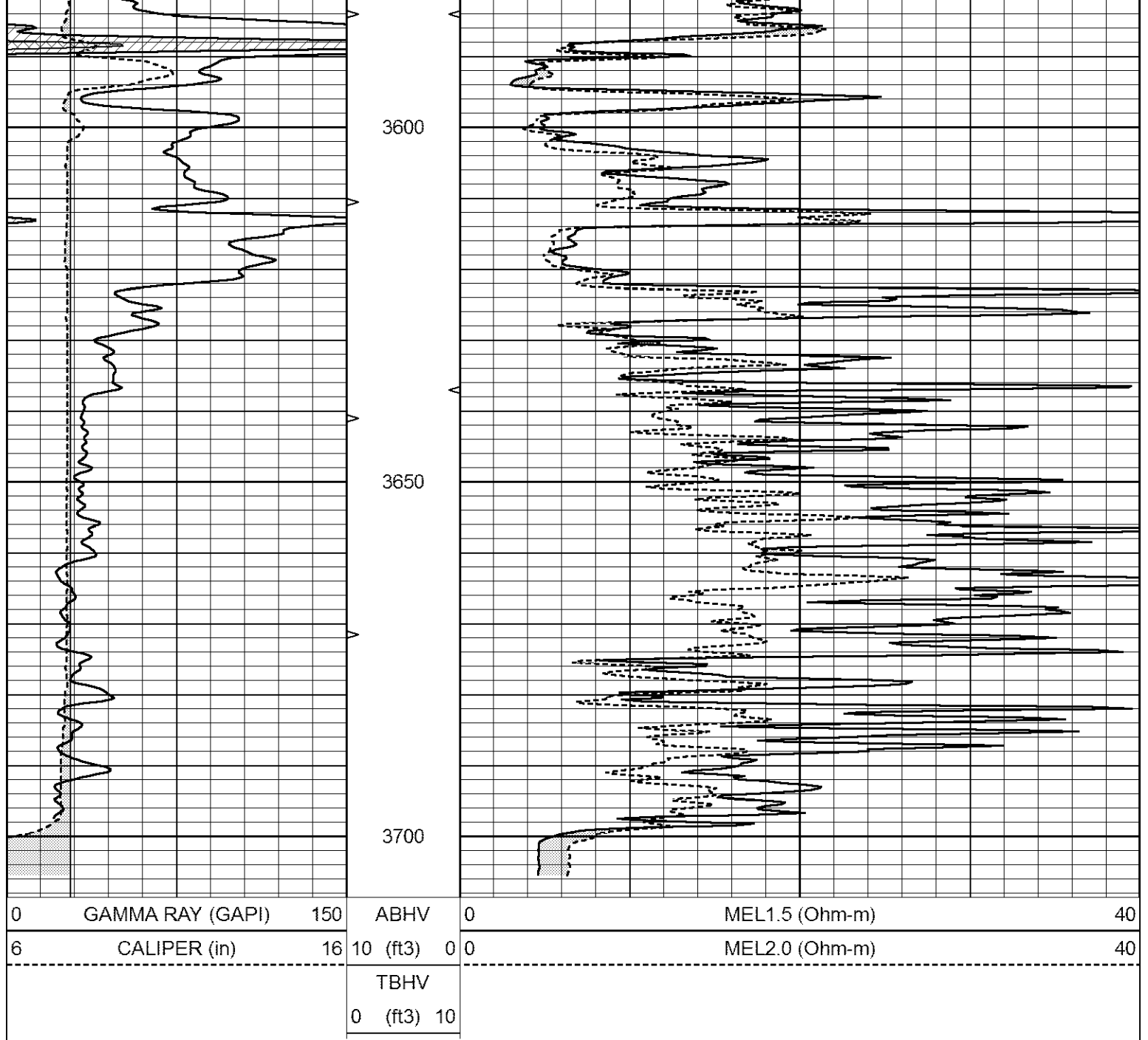




REPEAT SECTION

Database File 3005ddn.db
 Dataset Pathname pass5.1
 Presentation Format _micro
 Dataset Creation Thu Sep 27 11:53:35 2018
 Charted by Depth in Feet scaled 1:240





Calibration Report			
Database File	3005ddn.db		
Dataset Pathname	pass5.1		
Dataset Creation	Thu Sep 27 11:53:35 2018		
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	
Readings	8.000	14.000	
	0.652	1.470	
1.5" Calibration:	Gain=55.000	Offset=-0.067	
References	Low Cal	High Cal	
	0.000	20.000	

References	0.000	20.000
Readings	0.004	1.335
2" Calibration:	Gain=75.000	Offset=-0.779
References	Low Cal	High Cal
Readings	0.000	20.000
	0.004	1.029

Microlog Calibration Report

Serial-Model: Performed:	070910-ProbeL (Not Performed)
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	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:	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:	0.2700	GAPI/cps