



MICRO
LOG

Company I.A. OPERATING, INC.
Well CARRIE #2-4
Field BLUE HILL NW
County ELLIS State KANSAS

Location: API #: 15-051-26929-0000
330' FSL & 1772' FWL
E2 - SW - SE - SW
SEC 2 TWP 12S RGE 16W
Permanent Datum GROUND LEVEL Elevation 1845
Log Measured From KELLY BUSHING 8' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
CDL/CNL/PE
DIL/SON
Elevation
K.B. 1853
D.F. 1851
G.L. 1845

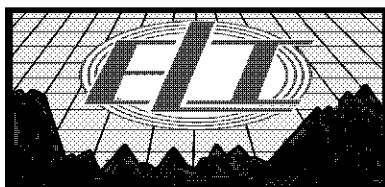
Date	8/11/18		
Run Number	TWO		
Depth Driller	3450		
Depth Logger	3448		
Bottom Logged Interval	3430		
Top Log Interval	2600		
Casing Driller	8 5/8" @ 928		
Casing Logger	928		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 9300 PPM	
Density / Viscosity	9.1/54		
pH / Fluid Loss	11.0/7.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.50 @ 90F		
Rmf @ Meas. Temp	.37 @ 90F		
Rmc @ Meas. Temp	.60 @ 90F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.40 @ 111F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	////		
Maximum Recorded Temperature	111F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	STEVE REED		

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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

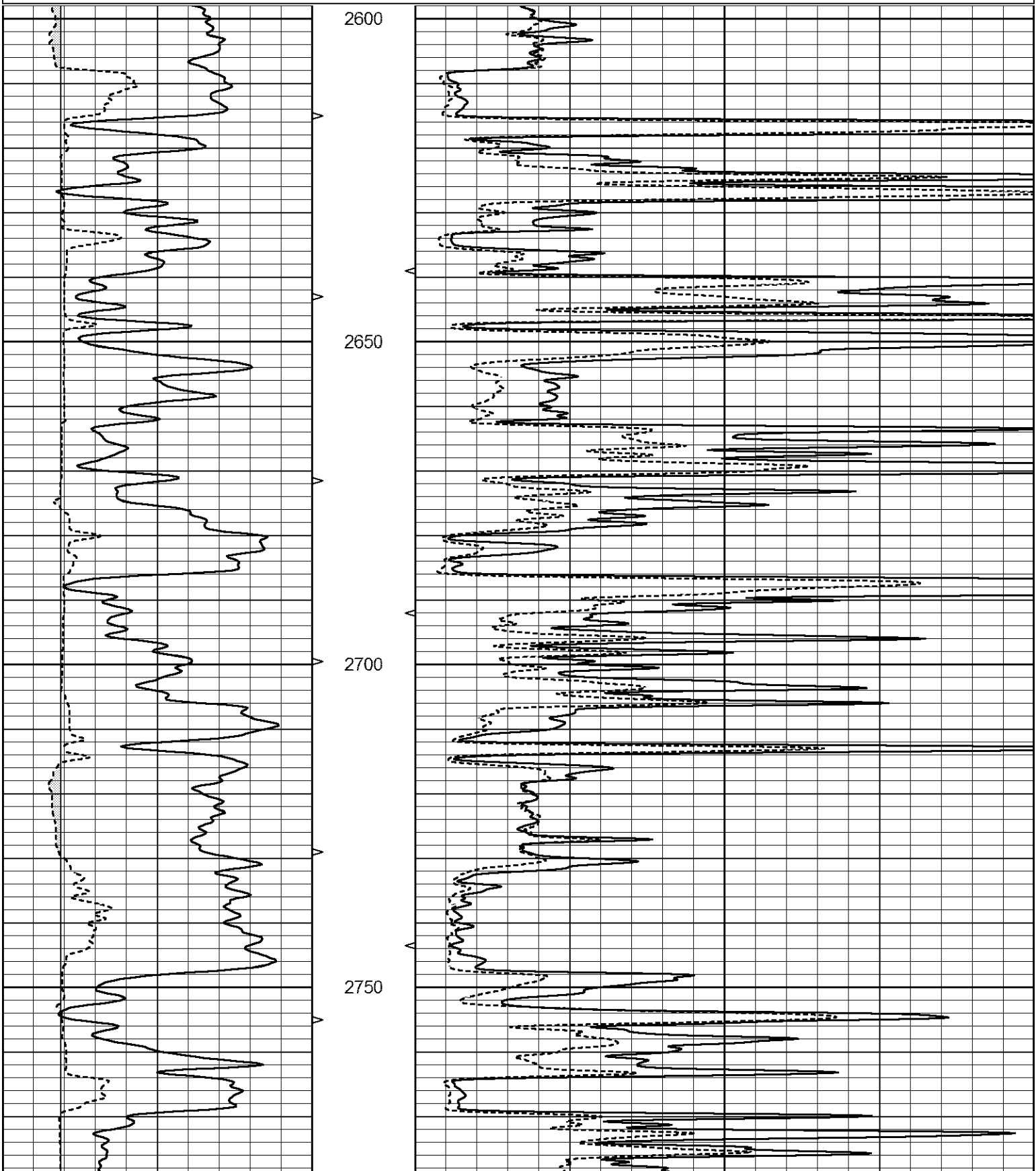
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
VICTORIA, KS. - NORTH TO EMMERAM RD. - 3 EAST TO 370TH RD. - NORTH
TO SEVERIN RD. - 1 EAST TO WALKER RD. - 1 NORTH - EAST INTO

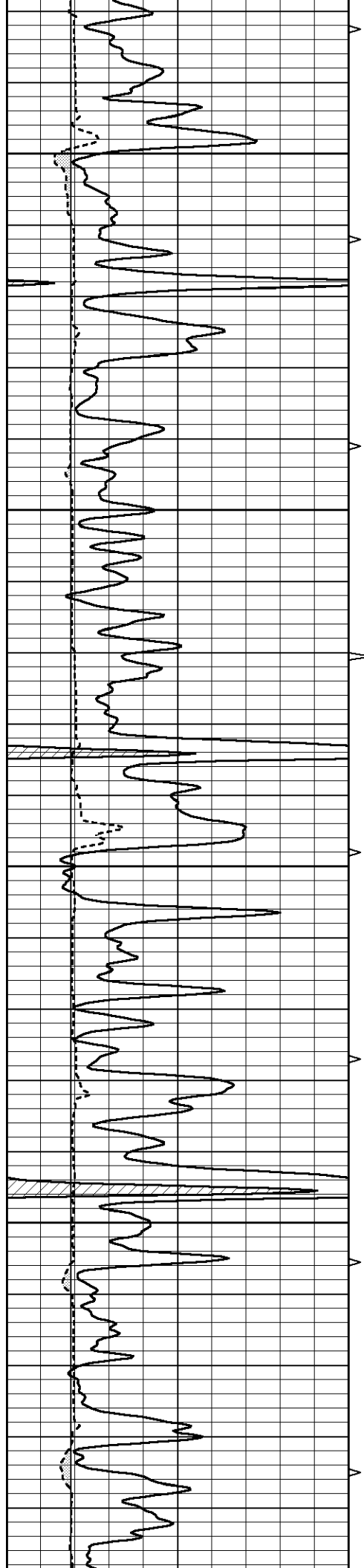


MAIN SECTION

Database File	2518pe8.db
Dataset Pathname	pass6.1
Presentation Format	_micro
Dataset Creation	Sat Aug 11 06:13:03 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			



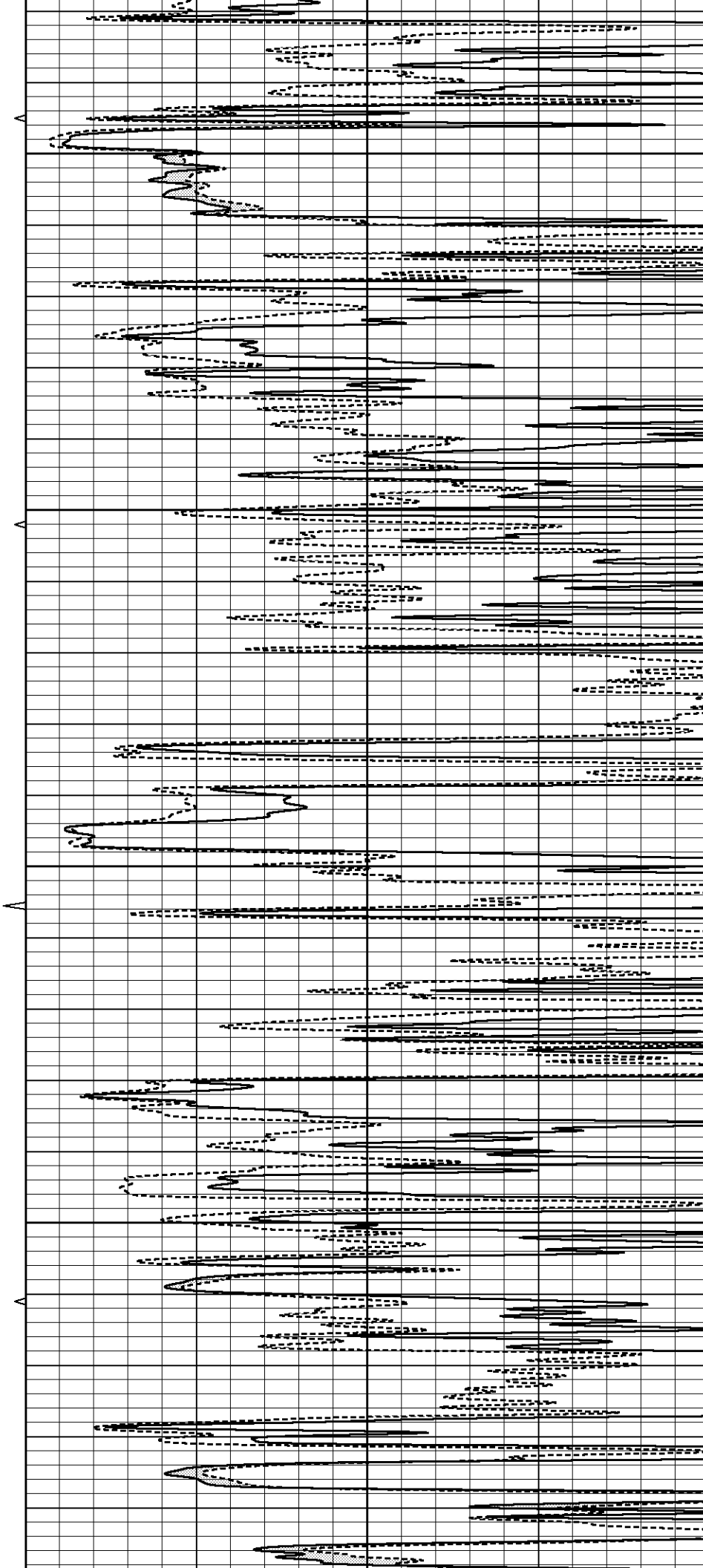


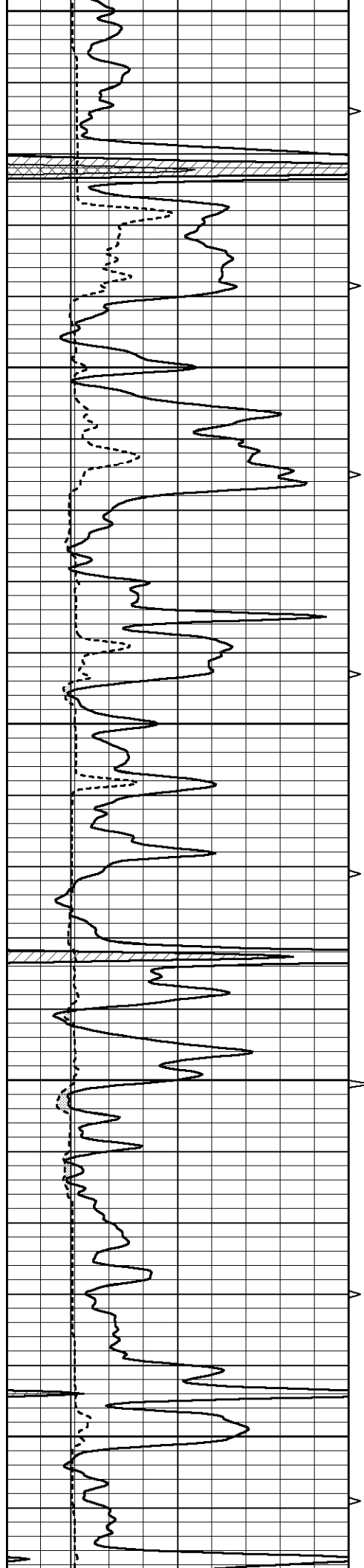
2800

2850

2900

2950





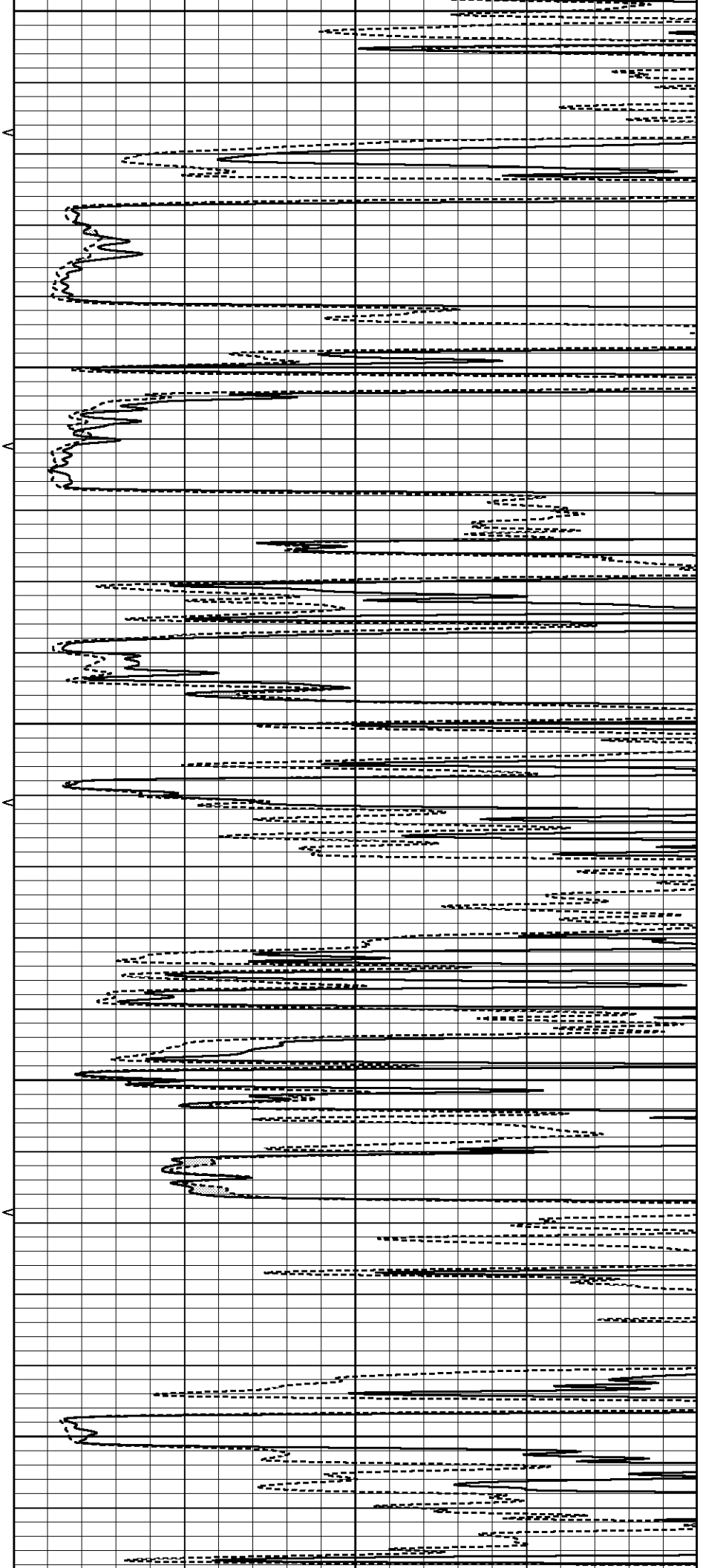
3000

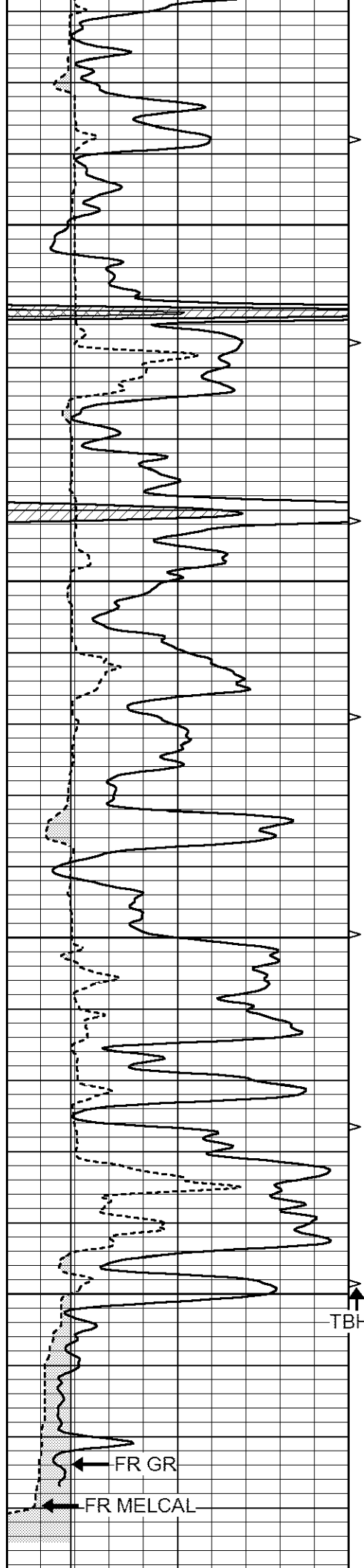
3050

3100

3150

3200





3250

3300

3350

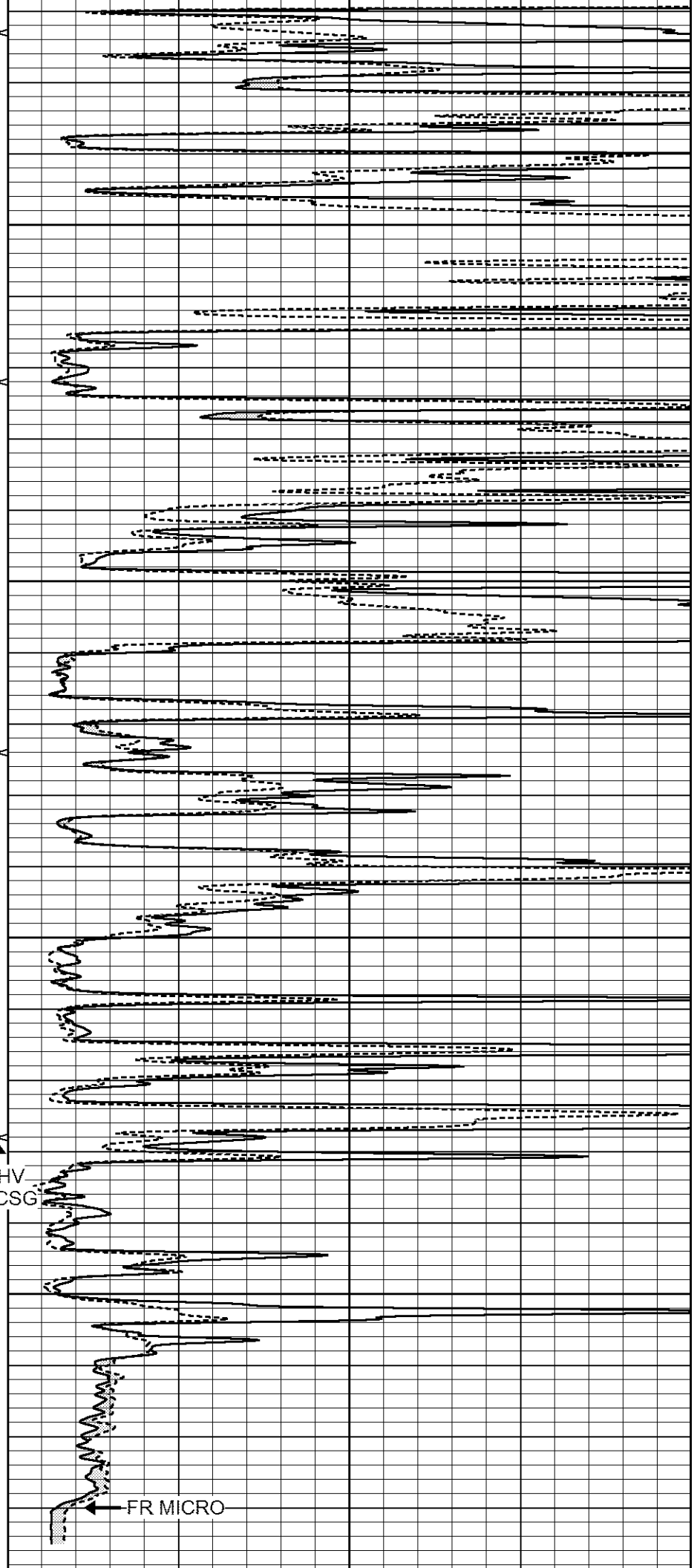
3400

TBHV

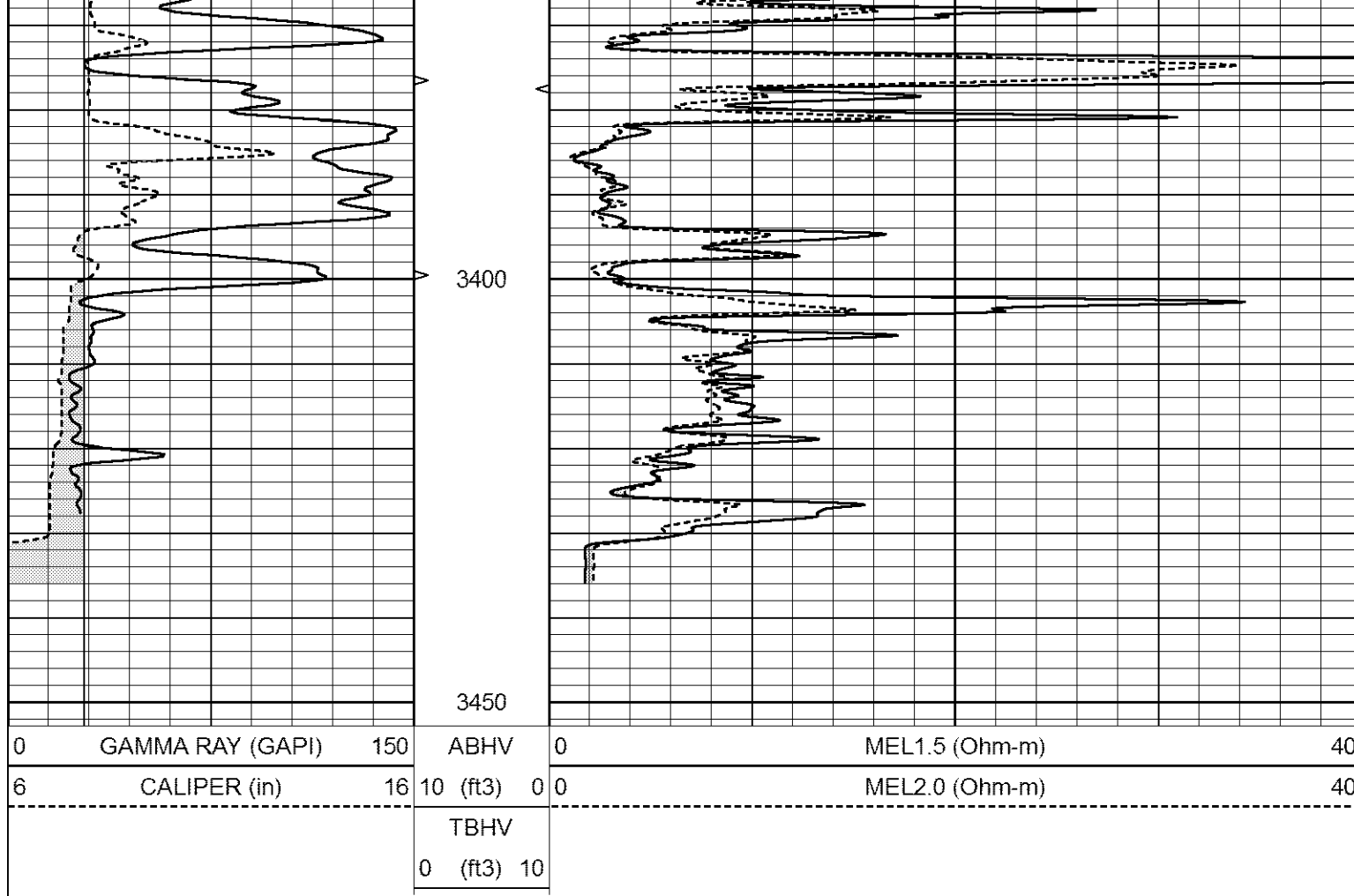
FR GR

FR MELCAL

ABHV
5.5" CSG



FR MICRO



Calibration Report			
Database File	2518pe8.db		
Dataset Pathname	pass5.1		
Dataset Creation	Sat Aug 11 06:01:15 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	
Readings	0.000	20.000	
	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:	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:	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