



**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

Company	CHARTER ENERGY, INC.		
Well	GREG BITTER #2		
Field	TRAPP		
County	BARTON	State	KANSAS
Location:	API # : 15-009-25823-00-00		Other Services
585' FNL & 1320' FEL S/2 - N/2 - N/2 - NE		CDL/CNL DIL	
SEC 16 TWP 16S RGE 13W		Elevation	
Permanent Datum	GROUND LEVEL	Elevation	1919
Log Measured From	KELLY BUSHING 7' A.G.L.	K.B.	1926
Drilling Measured From	KELLY BUSHING	D.F.	1924
		G.L.	1919
Date	03/31/2013		
Run Number	TWO		
Depth Driller	3440		
Depth Logger	3440		
Bottom Logged Interval	3438		
Top Log Interval	2900		
Casing Driller	457'		
Casing Logger	457'		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES	2.000
Density / Viscosity	9.1 / 52		
pH / Fluid Loss	10.5 / 8.4		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.50 @ 78 F		
Rmf @ Meas. Temp	0.38 @ 78 F		
Rmc @ Meas. Temp	0.60 @ 78 F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	0.50 @ 111F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	111F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	JEFF GRONEWEG		
Witnessed By	JIM MUSGROVE		

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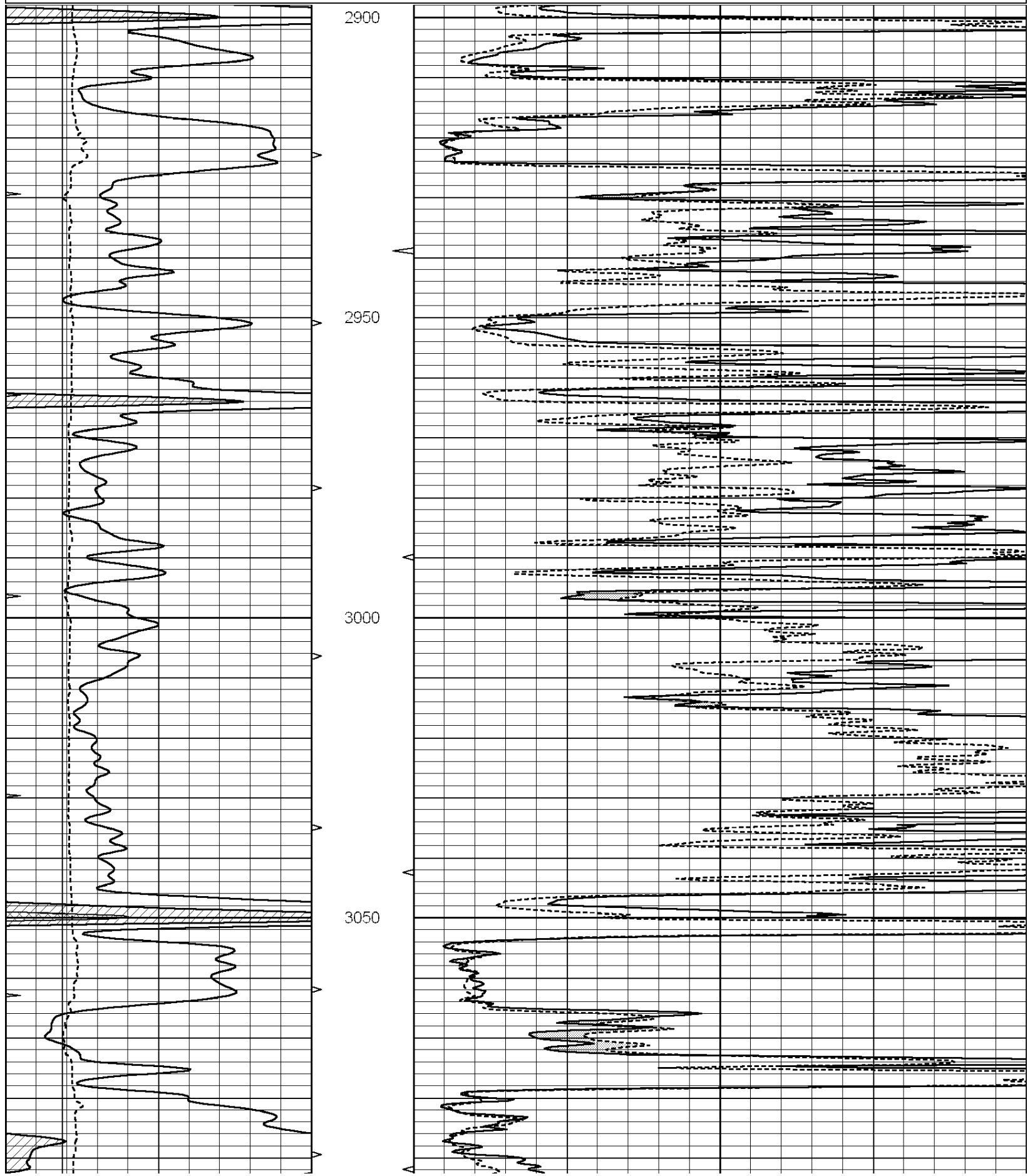
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

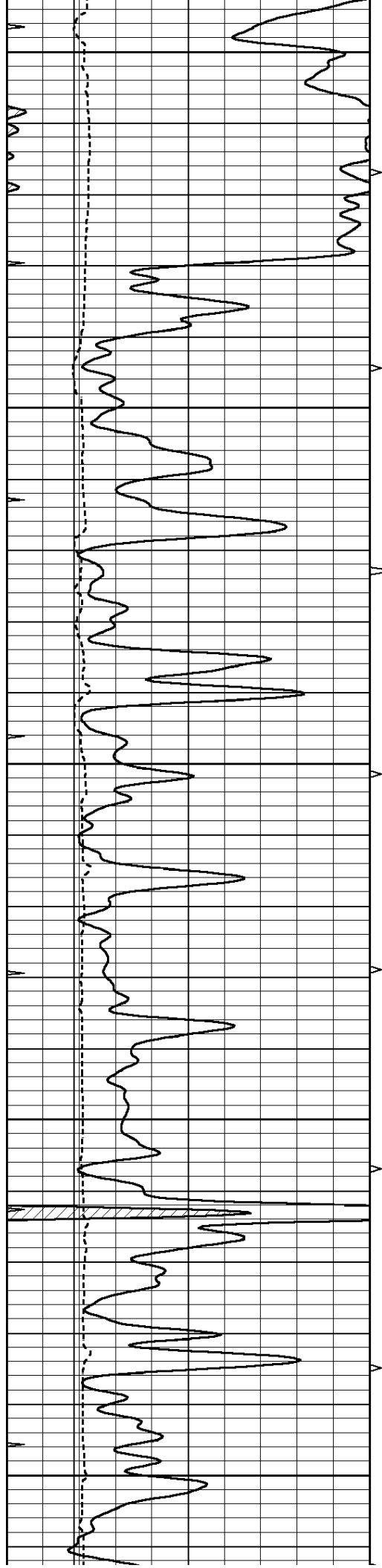
Comments

NABORS COMPLETION & PRODUCTION SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: SUSANK, KS - 2 MILES NORTH TO RD 210 - 1 MILE EAST
1/4 MILE SOUTH - WEST INTO

0	GAMMA RAY (GAPI)	150
6	MELCAL (in)	16
0	MINMK	20

0	MEL1.5 (Ohm-m)	40
0	MEL2.0 (Ohm-m)	40





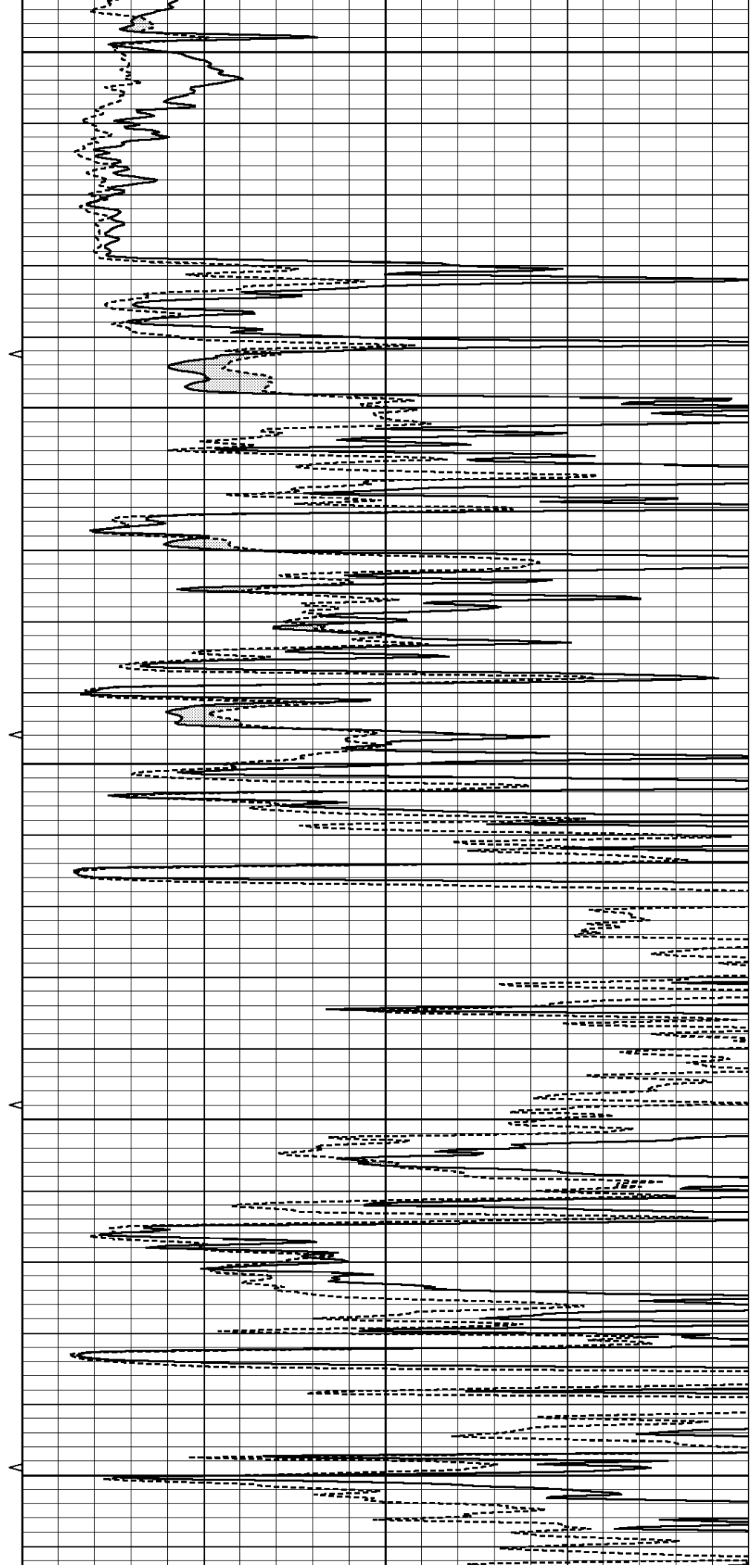
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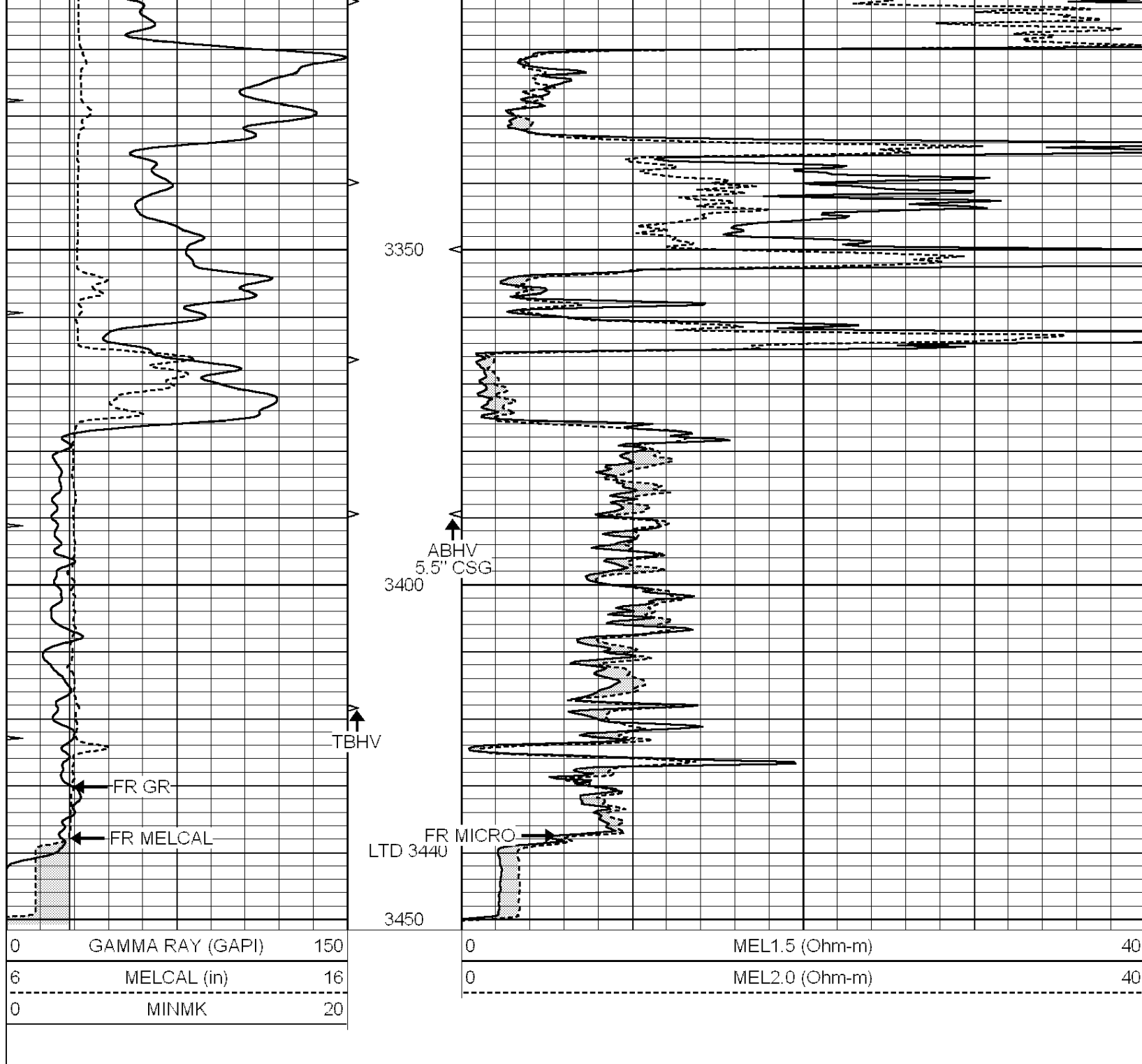
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3200

3250

3300





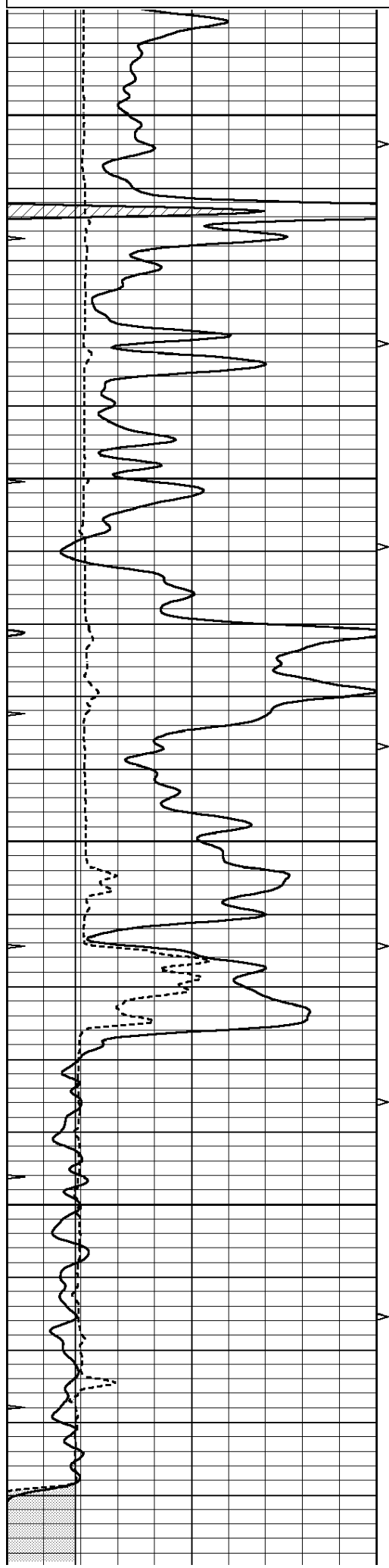
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REPEAT SECTION

Database File: 010850ddn.db
 Dataset Pathname: pass4.3.1
 Presentation Format: micro
 Dataset Creation: Sun Mar 31 09:52:42 2013 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
6	MELCAL (in)	16
0	MINMK	20

0	MEL1.5 (Ohm-m)	40
0	MEL2.0 (Ohm-m)	40



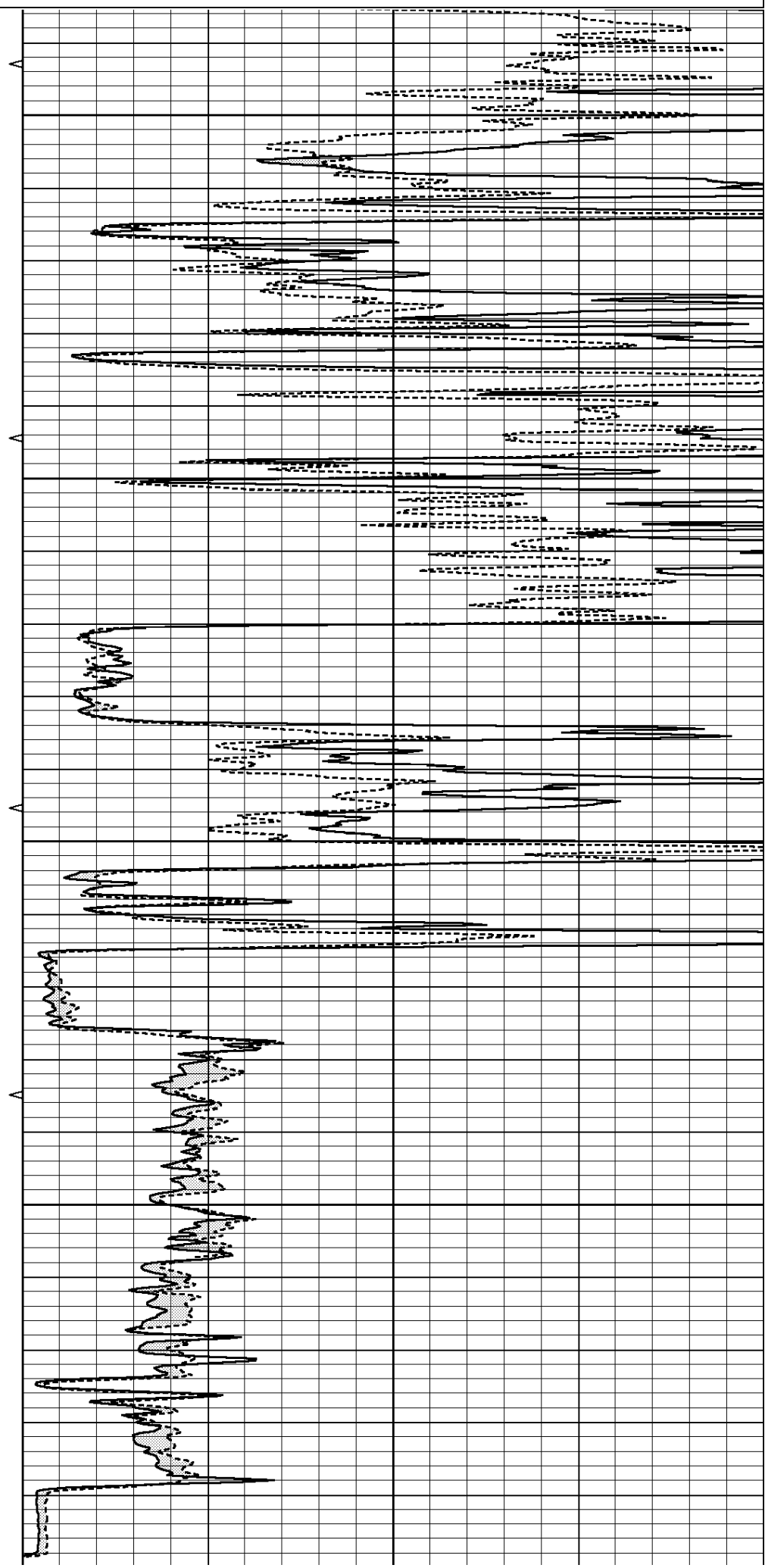
3250

3300

3350

3400

3450



0	GAMMA RAY (GAPI)	150	0	MEL1.5 (Ohm-m)	40
6	MELCAL (in)	16	0	MEL2.0 (Ohm-m)	40
0	MINMK	20			

Calibration Report			
Database File:		010850ddn.db	
Dataset Pathname:		pass5.1	
Dataset Creation:		Sun Mar 31 10:11:45 2013 by Calc Open-Cased 090629	
MICRO Calibration Report			
Serial Number:		Micro1	
Tool Model:		ProbeL	
Performed:		Tue Mar 26 03:04:19 2013	
Caliper Calibration:		Gain=2.096	Offset=1.326
		Low Cal	High Cal
References		8.300	12.000
Readings		3.327	5.092
1.5" Calibration:		Gain=90.000	Offset=-1.250
		Low Cal	High Cal
References		0.000	20.000
Readings		0.019	0.681
2" Calibration:		Gain=100.000	Offset=-3.000
		Low Cal	High Cal
References		0.000	20.000
Readings		0.008	0.791
Gamma Ray Calibration Report			
Serial Number:		GR5	
Tool Model:		OPEN	
Performed:		Tue Mar 26 03:22:48 2013	
Calibrator Value:		1.0	GAPI
Background Reading:		0.0	cps
Calibrator Reading:		1.0	cps
Sensitivity:		1.5000	GAPI/cps