



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

Company	DOWNING-NELSON OIL COMPANY, INC.		
Well	SCHMIDT "B" #11		
Field	CATHARINE		
County	ELLIS	State	KANSAS
Location:	API # : 15-051-26681-00-00		Other Services CNL/CDL DIL
SEC 3 TWP 13S RGE 17W		Elevation	
Permanent Datum	GROUND LEVEL	Elevation	2051
Log Measured From	KELLY BUSHING 8' A.G.L.	D.F.	2057
Drilling Measured From	KELLY BUSHING	G.L.	2051
Date	4-11-14		
Run Number	TW0		
Depth Driller	3700		
Depth Logger	3700		
Bottom Logged Interval	3698		
Top Log Interval	2800		
Casing Driller	8 5/8 " @ 214'		
Casing Logger	215'		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES	3.000
Density / Viscosity	9.3 / 54		
pH / Fluid Loss	10.0 / 8.8		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	1.0 @ 60F		
Rmf @ Meas. Temp	0.75 @ 60F		
Rmc @ Meas. Temp	1.20 @ 60F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	0.40 @ 113F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	114F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	IAN MABB		
Witnessed By	RON NELSON		

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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

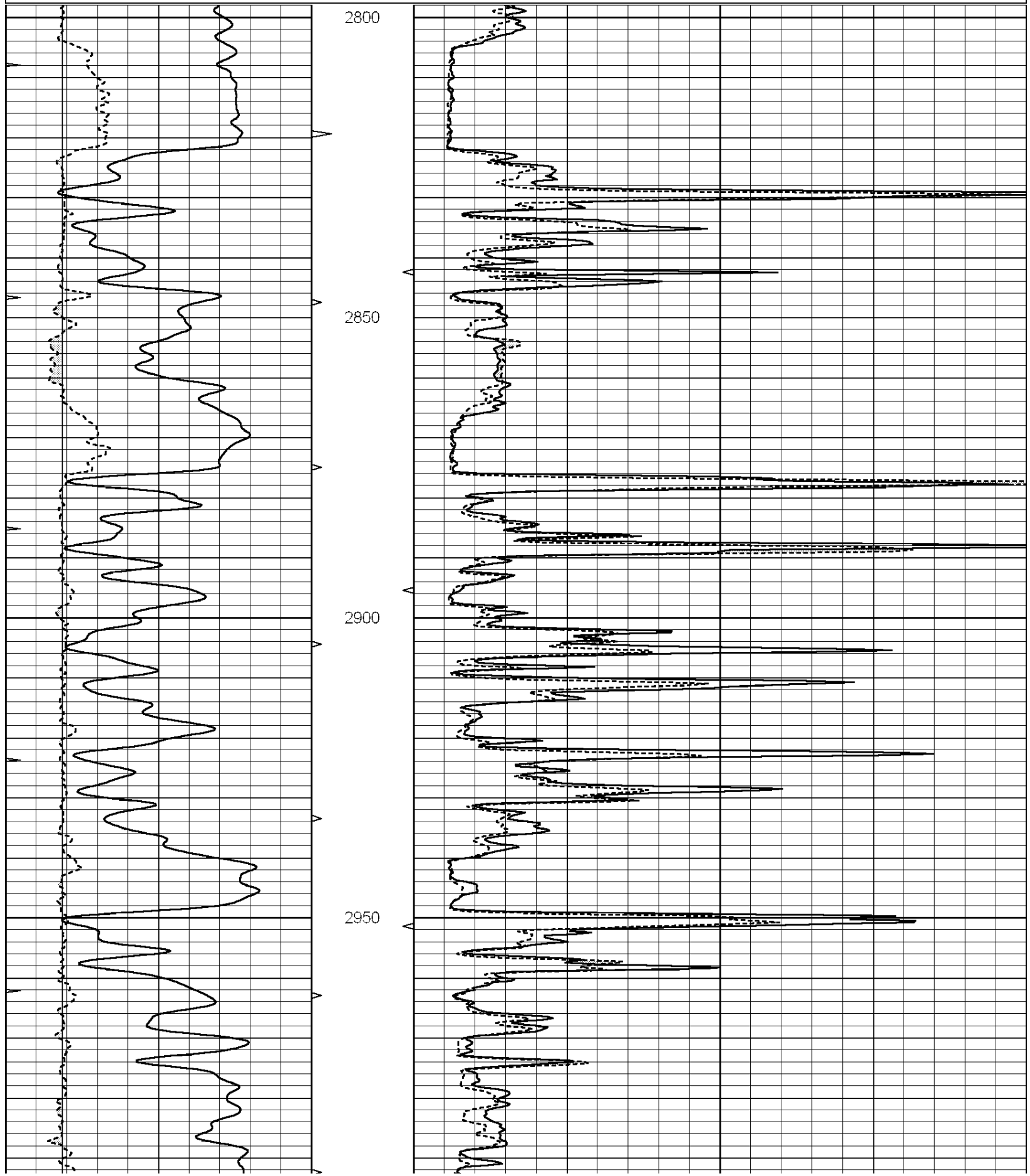
NABORS COMPLETION & PRODUCTION SERVICES
785-628-6395

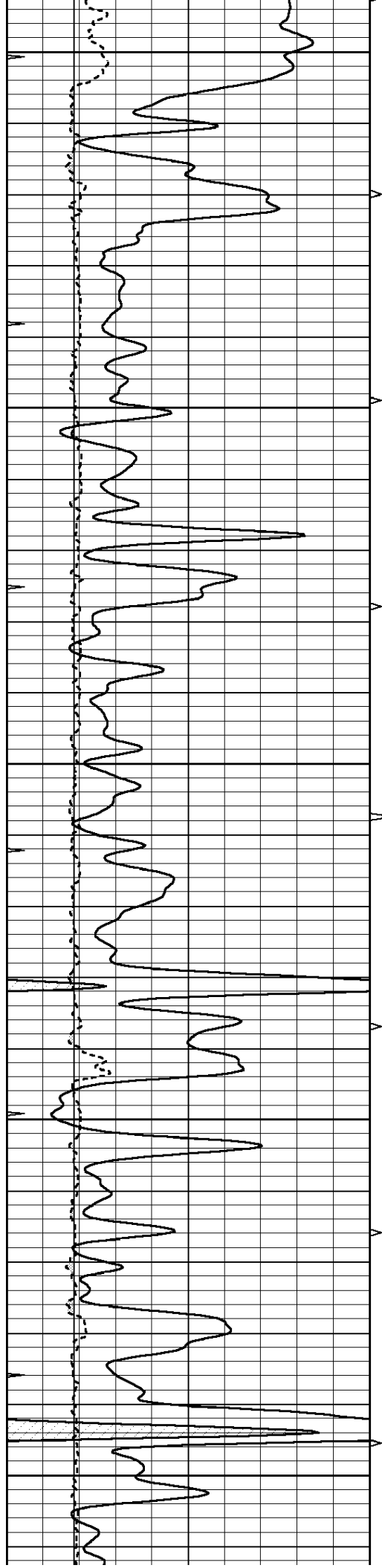
THANK YOU FOR YOUR BUSINESS

DIRECTIONS: CATHARINE, KS. EAST TO CODEL RD. - NORTH 2 MILES - WEST 1/4 - SOUTH 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





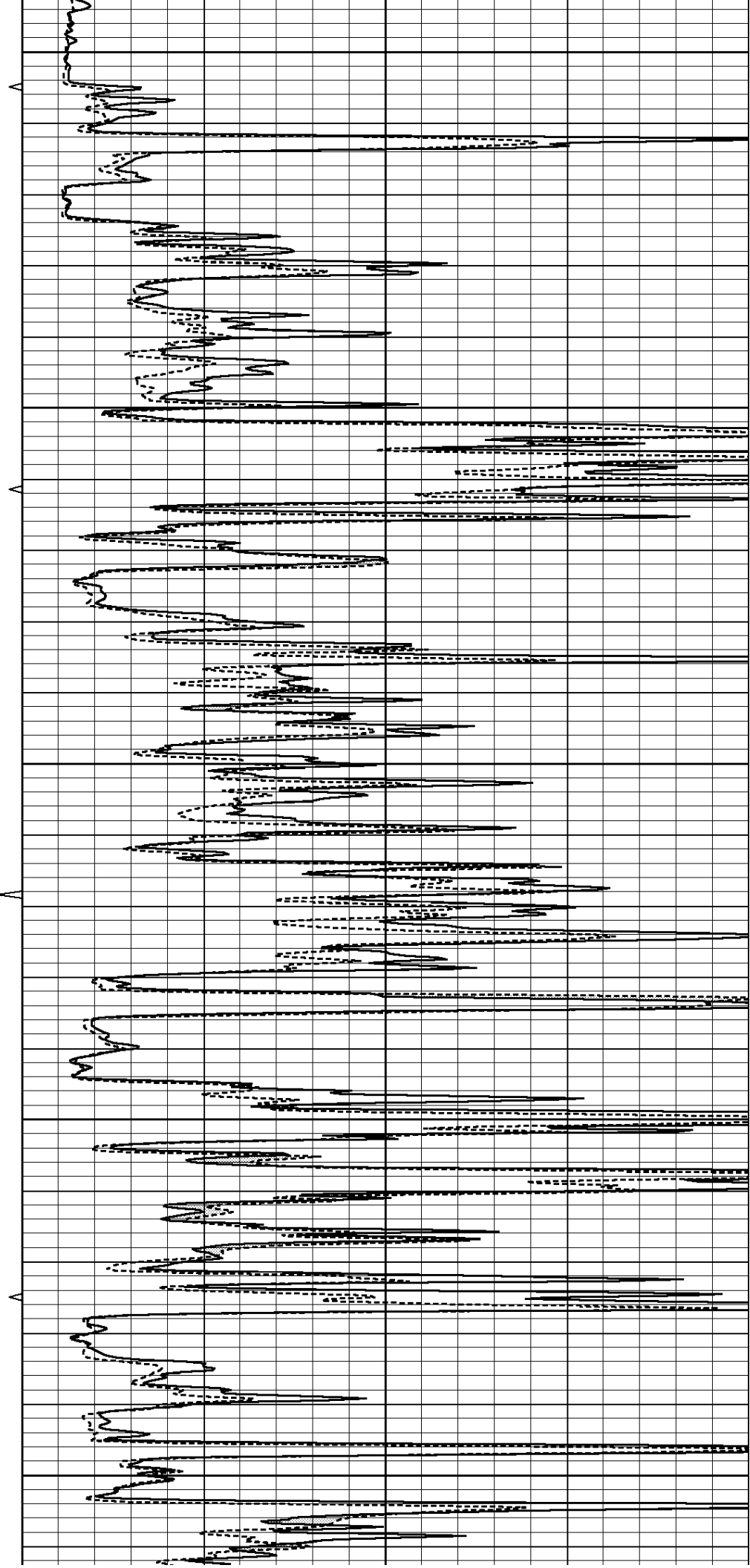
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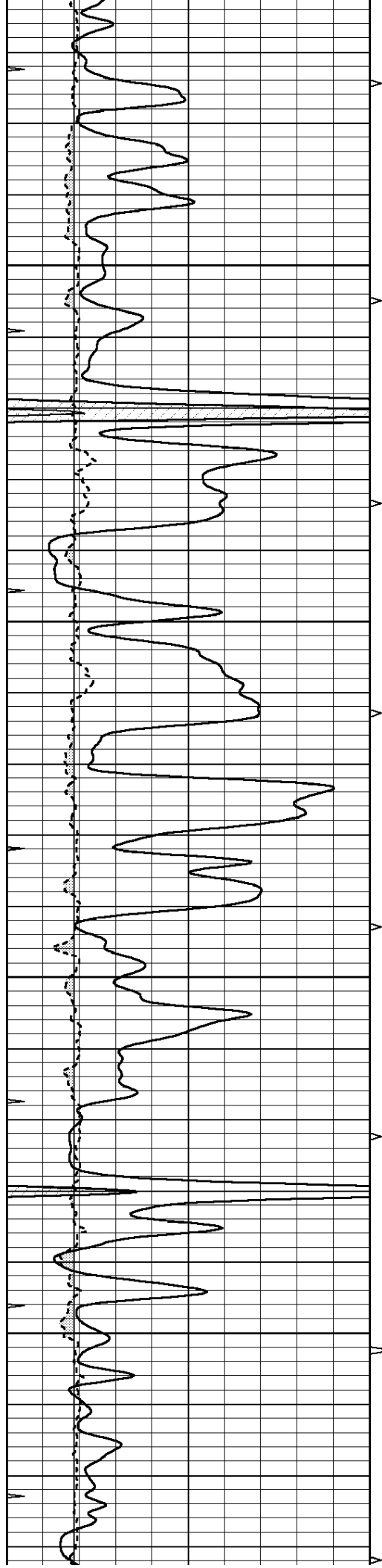
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3100

3150

3200



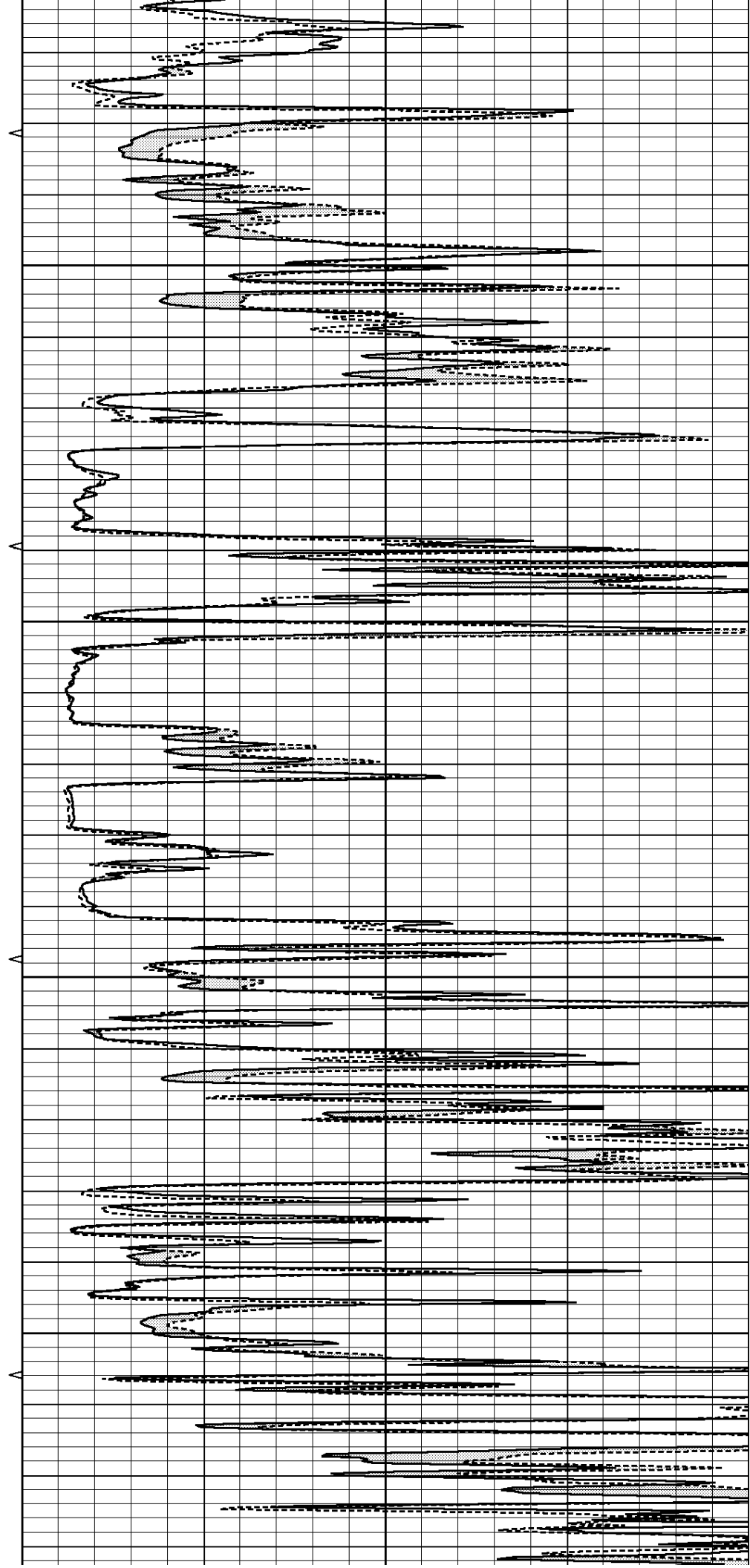


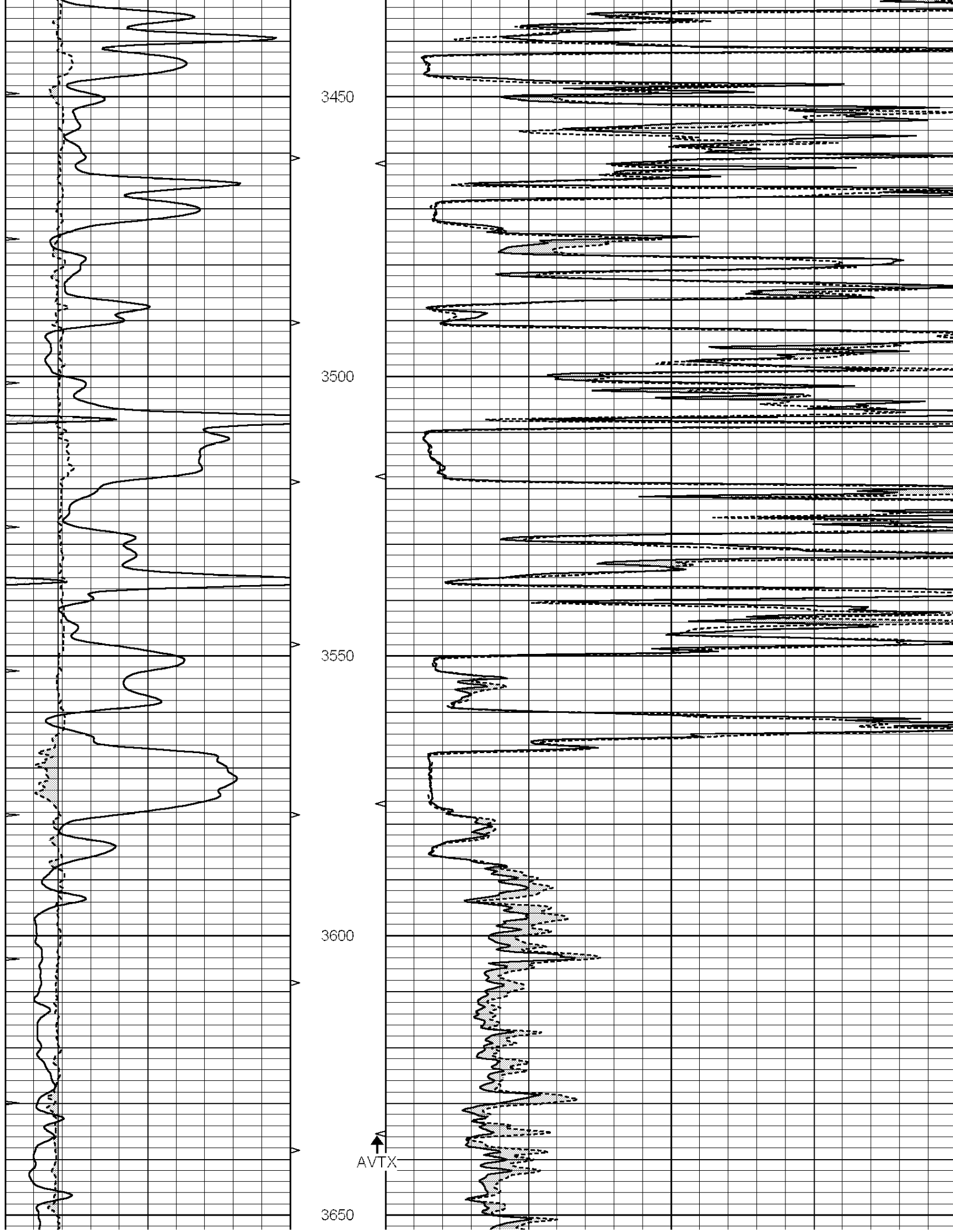
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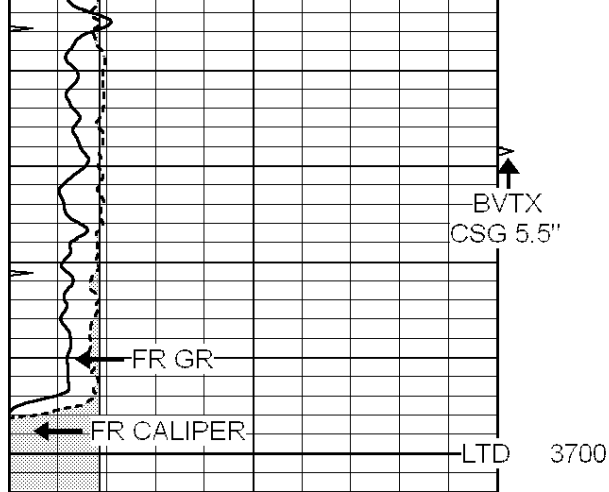
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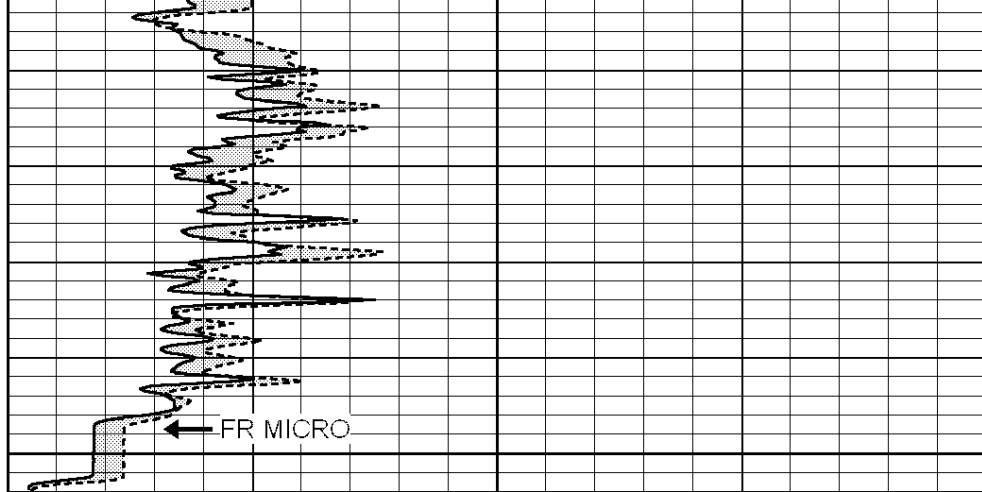
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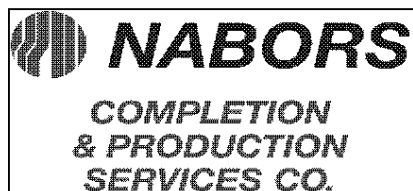




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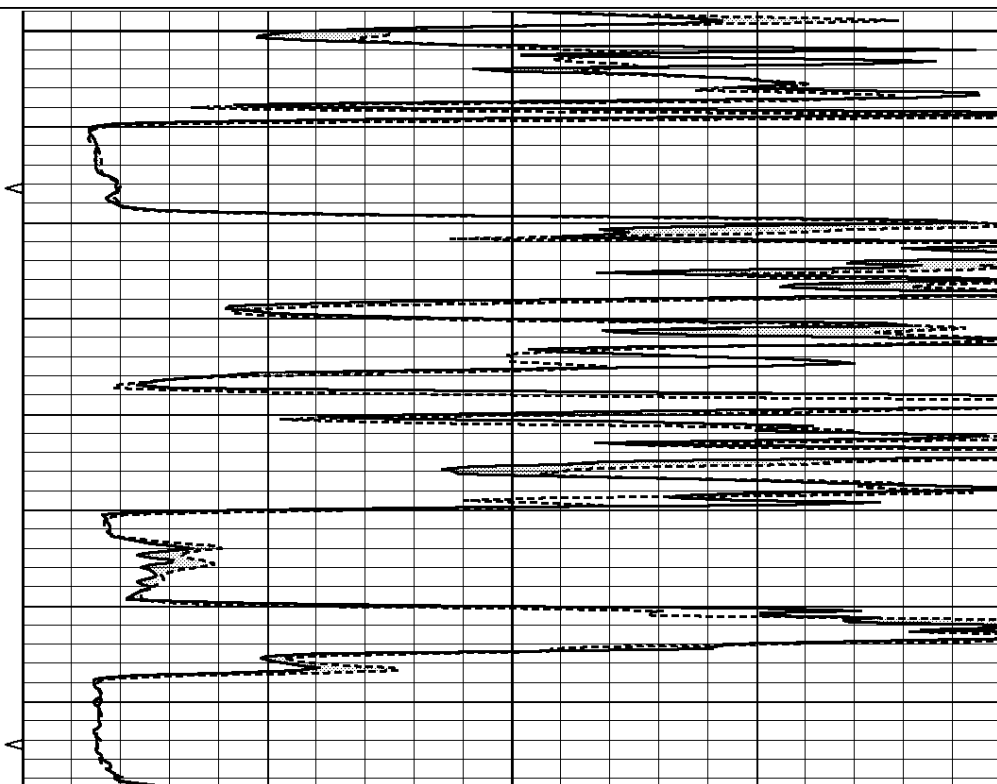
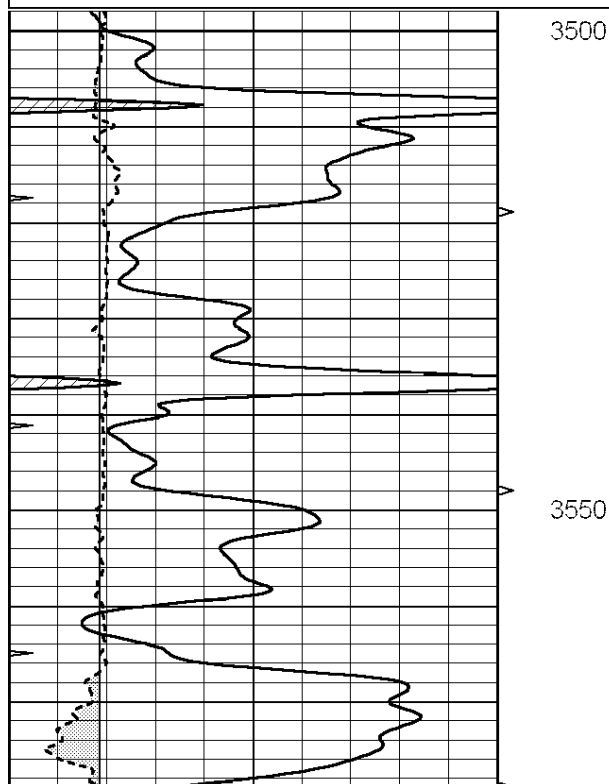


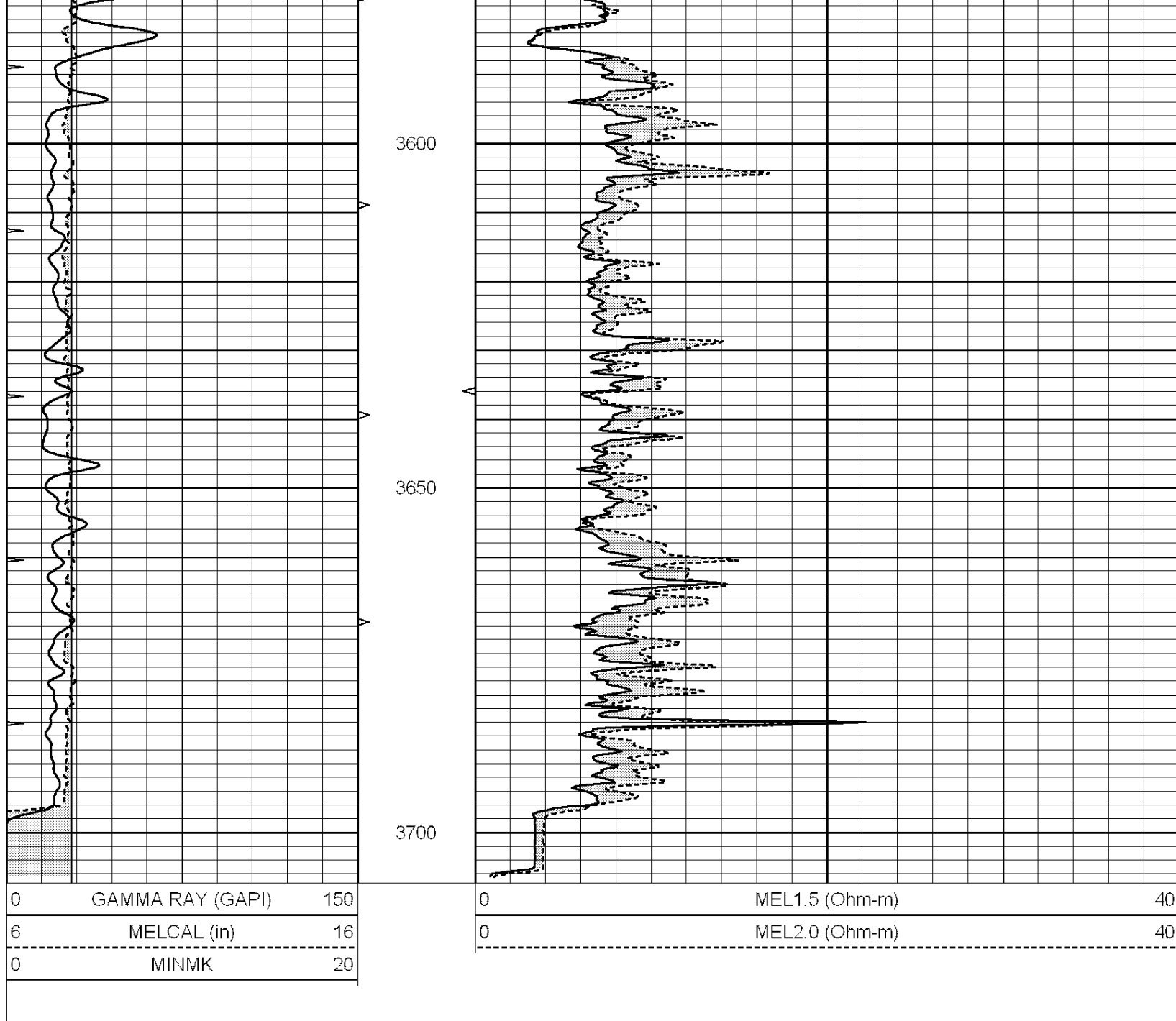
REPEAT SECTION

Database File: 241235ddn.db
 Dataset Pathname: pass5.1
 Presentation Format: _micro
 Dataset Creation: Sat Apr 12 01:40:00 2014 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

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Calibration Report

Database File: 241235ddn.db
 Dataset Pathname: pass6.1
 Dataset Creation: Sat Apr 12 02:12:35 2014 by Calc Open-Cased 090629

MICRO Calibration Report

Serial Number: MICRO5
 Tool Model: PROBE
 Performed: Tue Apr 01 21:42:18 2014

Caliper Calibration: Gain=3.536 Offset=-6.000
 References Low Cal High Cal
 6.200 15.000
 Readings 3.737 5.660

1.5" Calibration: Gain=20.334 Offset=0.850

References Low Cal High Cal
 6.200 20.000

References	0.000	20.000
Readings	0.025	1.009

2" Calibration:	Gain=25.398	Offset=1.000
References	Low Cal	High Cal
	0.000	20.000
Readings	0.014	0.802

Gamma Ray Calibration Report

Serial Number:	GR2	
Tool Model:	OPEN	
Performed:	Tue Apr 01 21:06:00 2014	
Calibrator Value:	200.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	740.0	cps
Sensitivity:	0.3400	GAPI/cps