



**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
INDUCTION
LOG**

Company DREILING OIL CO., INC.
Well DREILING TRUST #2
Field SUGARLOAF
County ELLIS
State KANSAS

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Field SUGARLOAF
County ELLIS State KANSAS

Location: API #: 15-051-26715-00-00
1510' FNL & 1190' FEL
NW - NW - SE - SE/4
SEC 20 TWP 13S RGE 17W
Permanent Datum GROUND LEVEL Elevation 2037
Log Measured From KELLY BUSHING 8' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
CNL/CDL
DIL
Elevation
K.B. 2045
D.F. 2043
G.L. 2037

Date	8/7/14		
Run Number	TWO		
Depth Driller	3680		
Depth Logger	3682		
Bottom Logged Interval	3680		
Top Log Interval	3000		
Casing Driller	8 5/8 @ 222'		
Casing Logger	223'		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.3 / 48	CHLORIDES 9,000 PPM	
pH / Fluid Loss	9.5 / 9.4		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.40 @ 89F		
Rmf @ Meas. Temp	0.30 @ 89F		
Rmc @ Meas. Temp	0.48 @ 89F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	0.31 @ 113F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	113F		
Equipment Number	3802		
Location	HAYS, KS.		
Recorded By	IAN MABB		
Witnessed By	ROGER FISHER		

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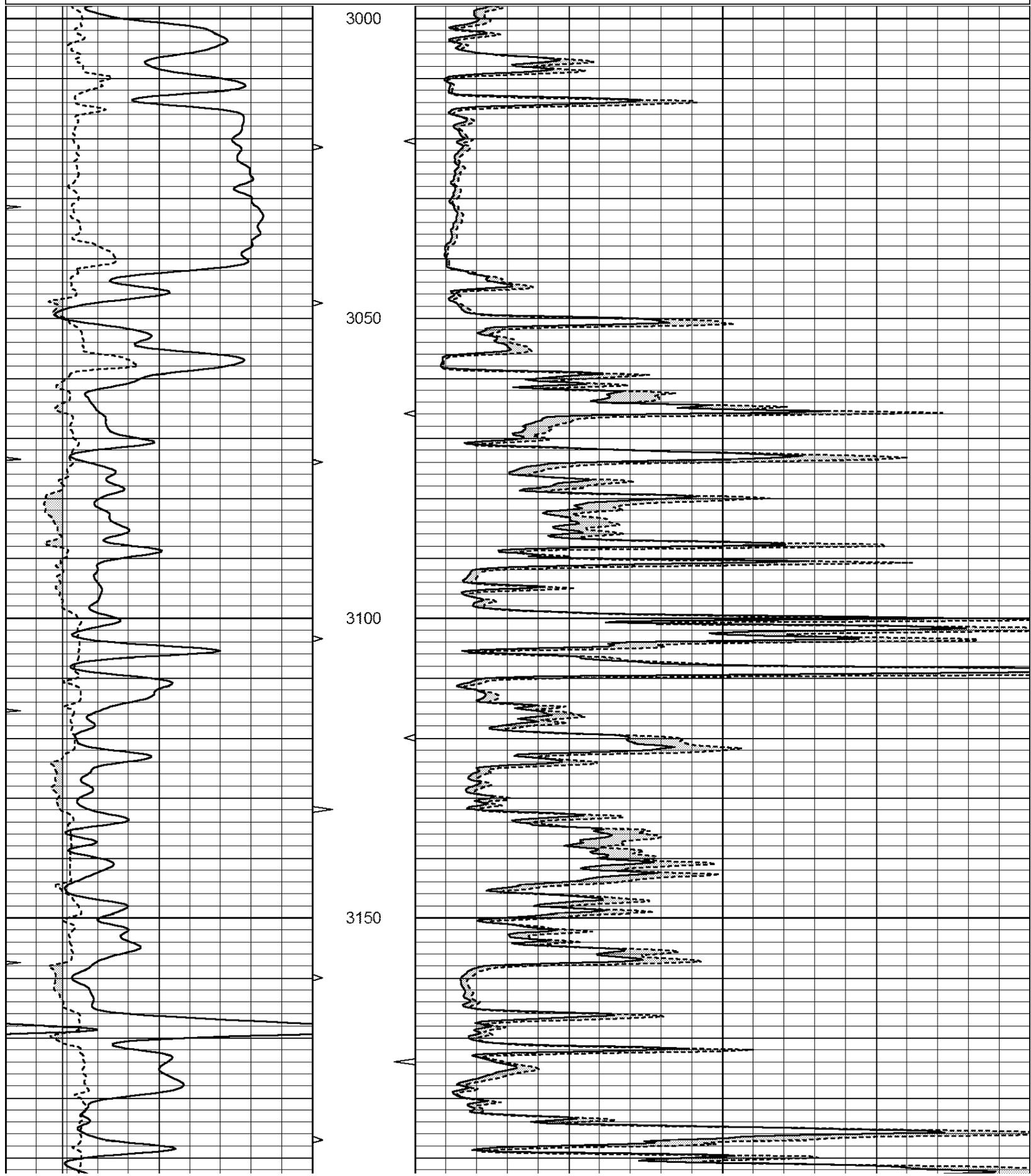
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

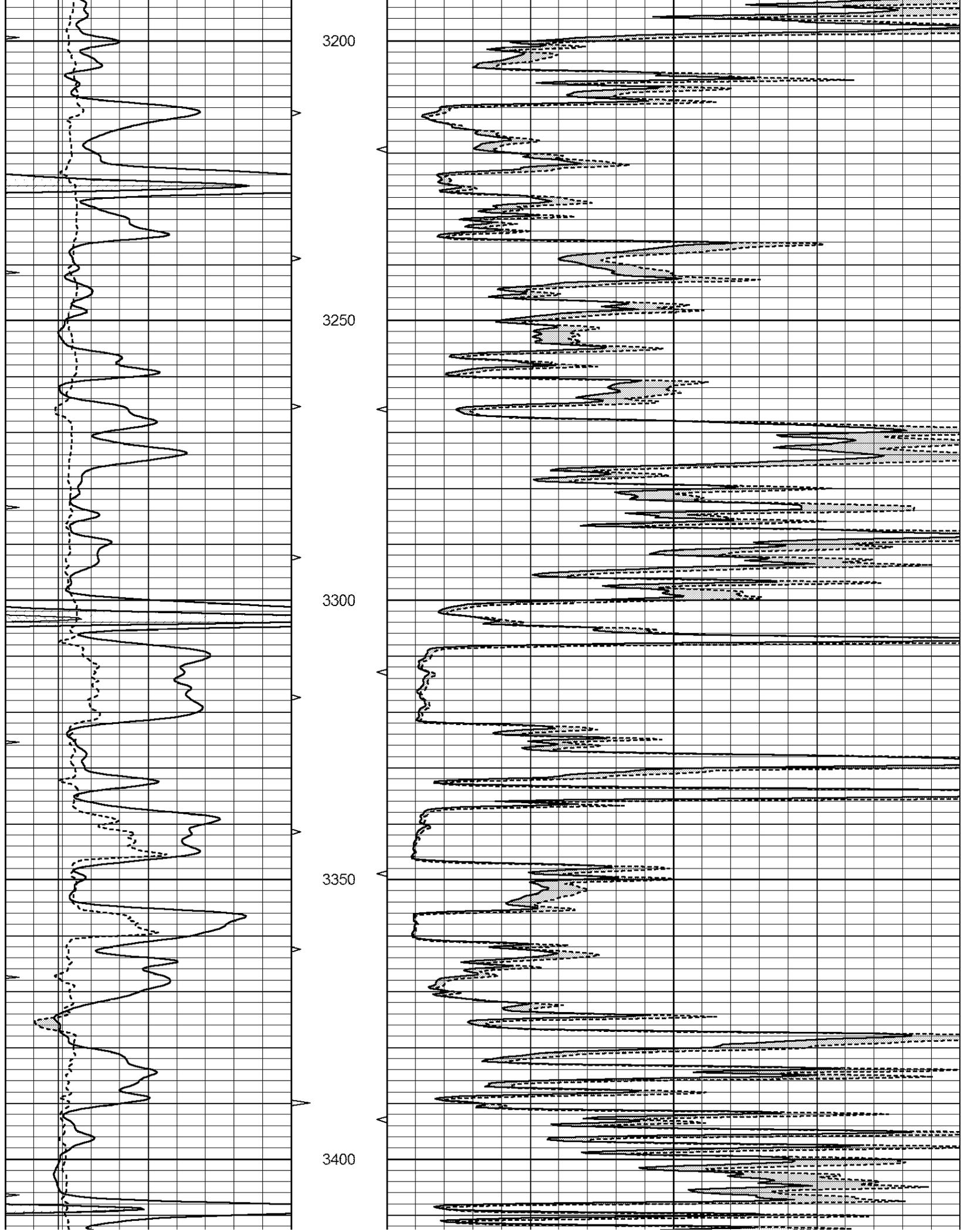
Comments

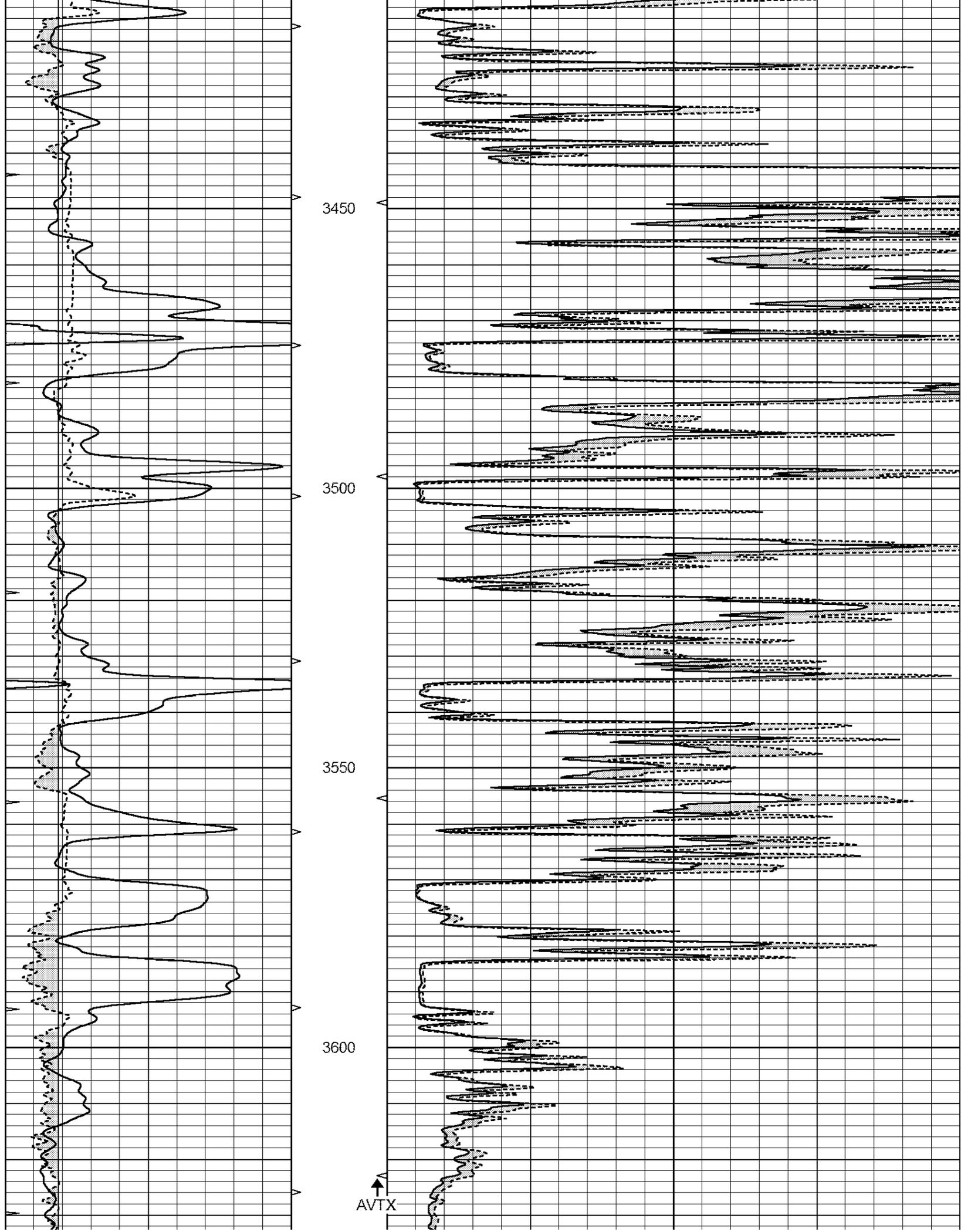
NABORS COMPLETION & PRODUCTION SERVICES CO.
785 (628 - 6395)
THANK YOU FOR YOUR BUSINESS
DIRECTIONS : HAYS, KS. - EAST ON I-70 TO TOULON AVE. - NORTH 2 1/2 MILES EAST INTO

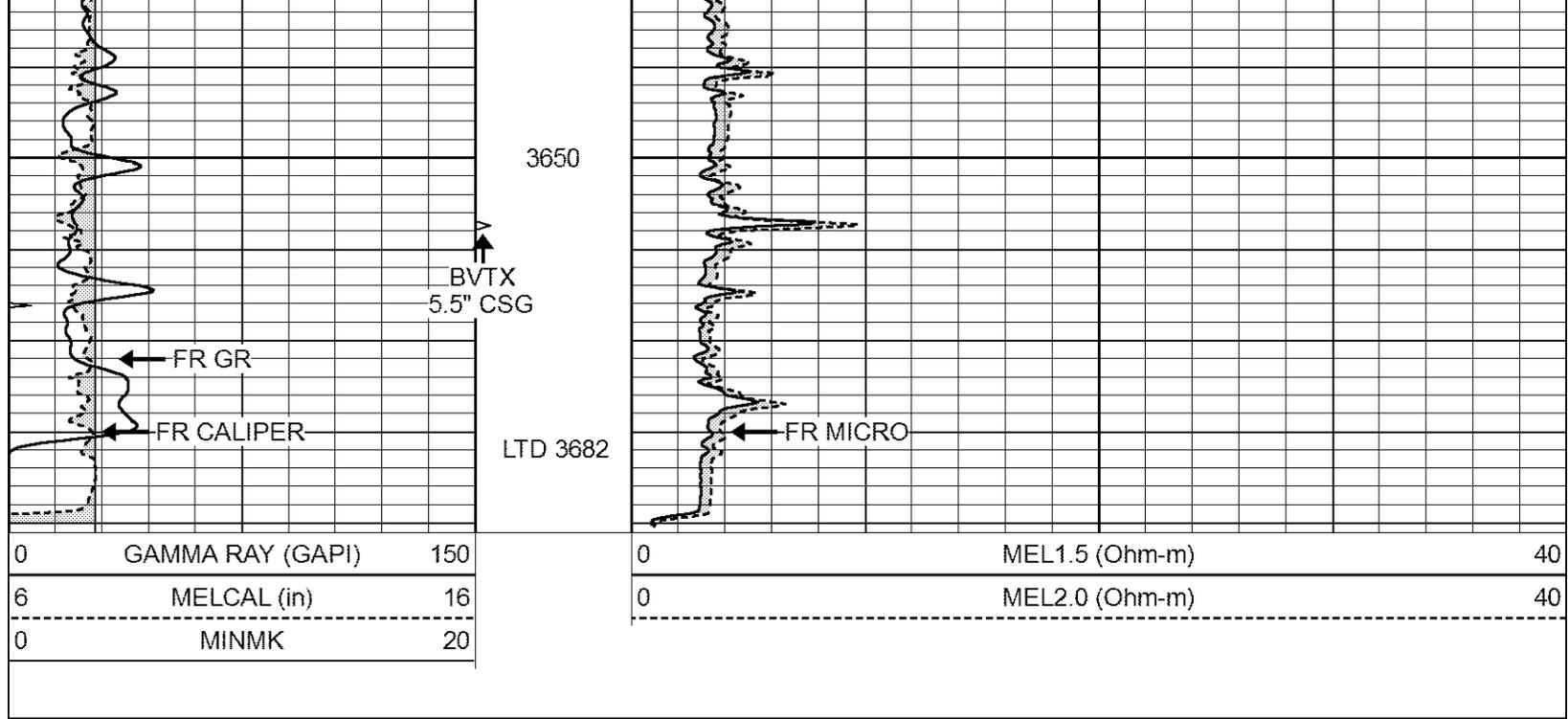
0	GAMMA RAY (GAPI)	150
6	MELCAL (in)	16
0	MINMK	20

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





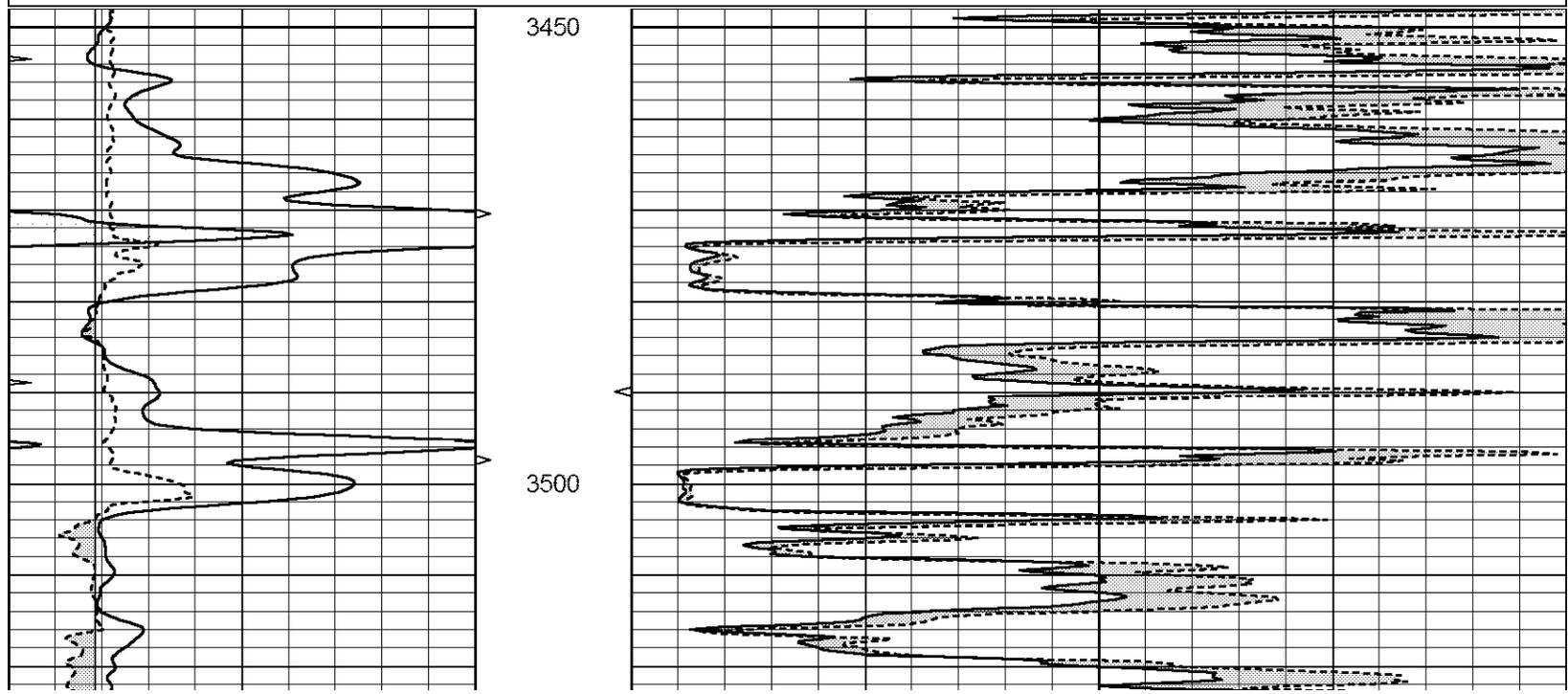


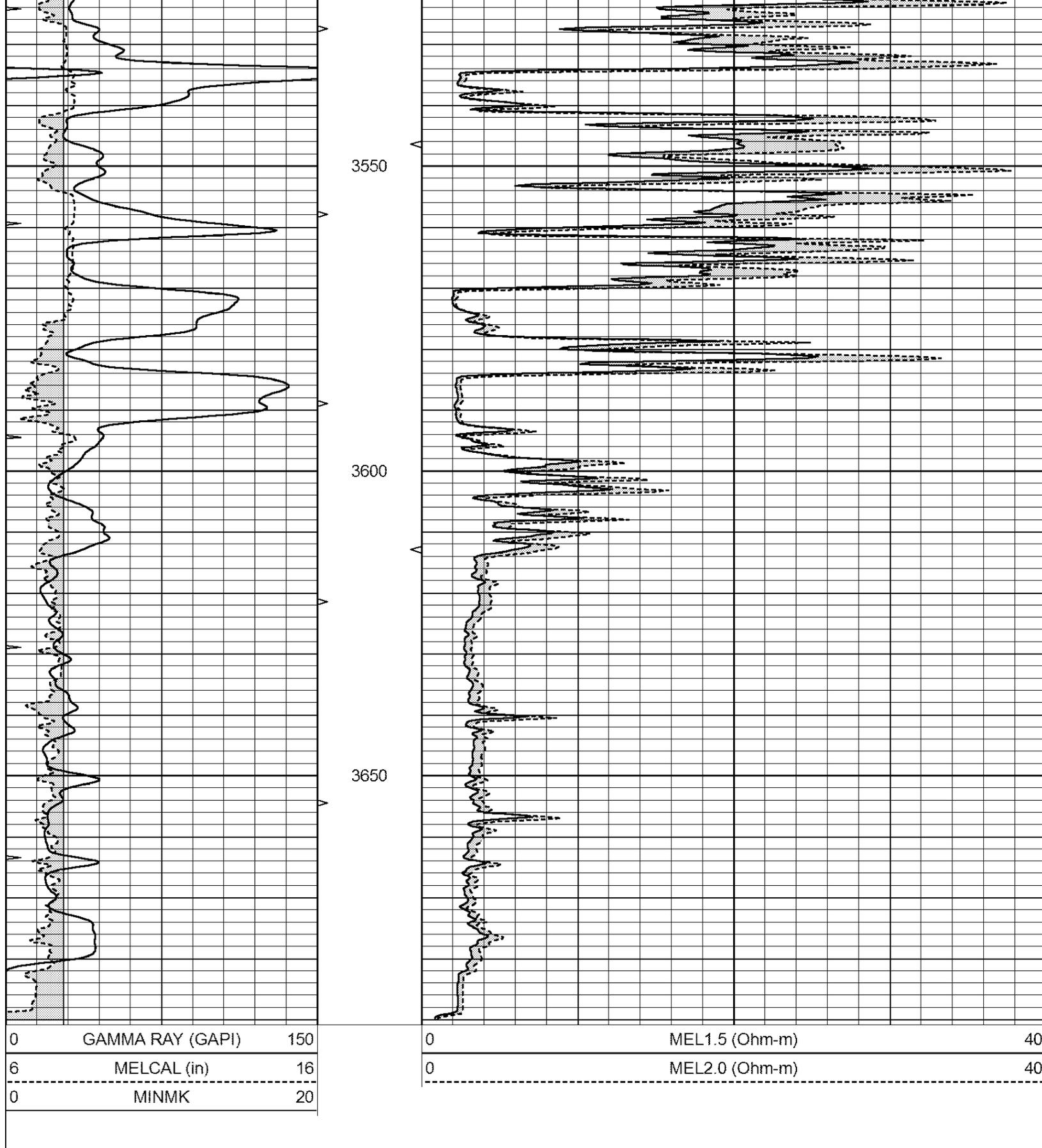


REPEAT SECTION

Database File: 24721ddn.db
 Dataset Pathname: pass5.1
 Presentation Format: _micro
 Dataset Creation: Thu Aug 07 23:14:36 2014 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

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: 24721ddn.db
 Dataset Pathname: pass6.4
 Dataset Creation: Thu Aug 07 23:37:39 2014 by Calc Open-Cased 090629

MICRO Calibration Report

Serial Number: MICRO5

Serial Number:
Tool Model: PROBE
Performed: Sat Aug 02 03:42:56 2014

Caliper Calibration:	Gain=3.000	Offset=-2.800
References	Low Cal 6.200	High Cal 15.000
Readings	3.737	5.660

1.5" Calibration:	Gain=21.000	Offset=0.850
References	Low Cal 0.000	High Cal 20.000
Readings	0.025	1.009

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

Gamma Ray Calibration Report

Serial Number:	GR2	
Tool Model:	OPEN	
Performed:	Sat Aug 02 03:42:50 2014	
Calibrator Value:	200.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	740.0	cps
Sensitivity:	0.3500	GAPI/cps