



**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

Company DOWNING - NELSON OIL CO., INC.
Well DORZWEILER #2-35
Field AGMAR NORTHEAST
County TREGO
State KANSAS

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Location: API # : 15-195-22853-0000
1213' FNL & 601' FEL
SW - SE - NE - NE
SEC 35 TWP 13S RGE 21W
Permanent Datum GROUND LEVEL Elevation 2284
Log Measured From KELLY BUSHING 8' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
CDL/CNL
DIL
Elevation
K.B. 2292
D.F. 2290
G.L. 2284

Date	3/14/13
Run Number	TWO
Depth Driller	4114
Depth Logger	4114
Bottom Logged Interval	4112
Top Log Interval	3200
Casing Driller	8 5/8"@221'
Casing Logger	221
Bit Size	7 7/8"
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.25/1
pH / Fluid Loss	10.0/8.8
Source of Sample	FLOWLINE
Rim @ Meas. Temp	.800@96F
Rmf @ Meas. Temp	.600@96F
Rmc @ Meas. Temp	.960@96F
Source of Rmf / Rmc	MEASUREMENT
Rim @ BHT	.656@117F
Time Circulation Stopped	4 HOURS
Time Logger on Bottom	5:00 A.M.
Maximum Recorded Temperature	117F
Equipment Number	4854
Location	HAYS, KANSAS
Recorded By	JEFF LUEBBERS
Witnessed By	AL DOWNING

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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

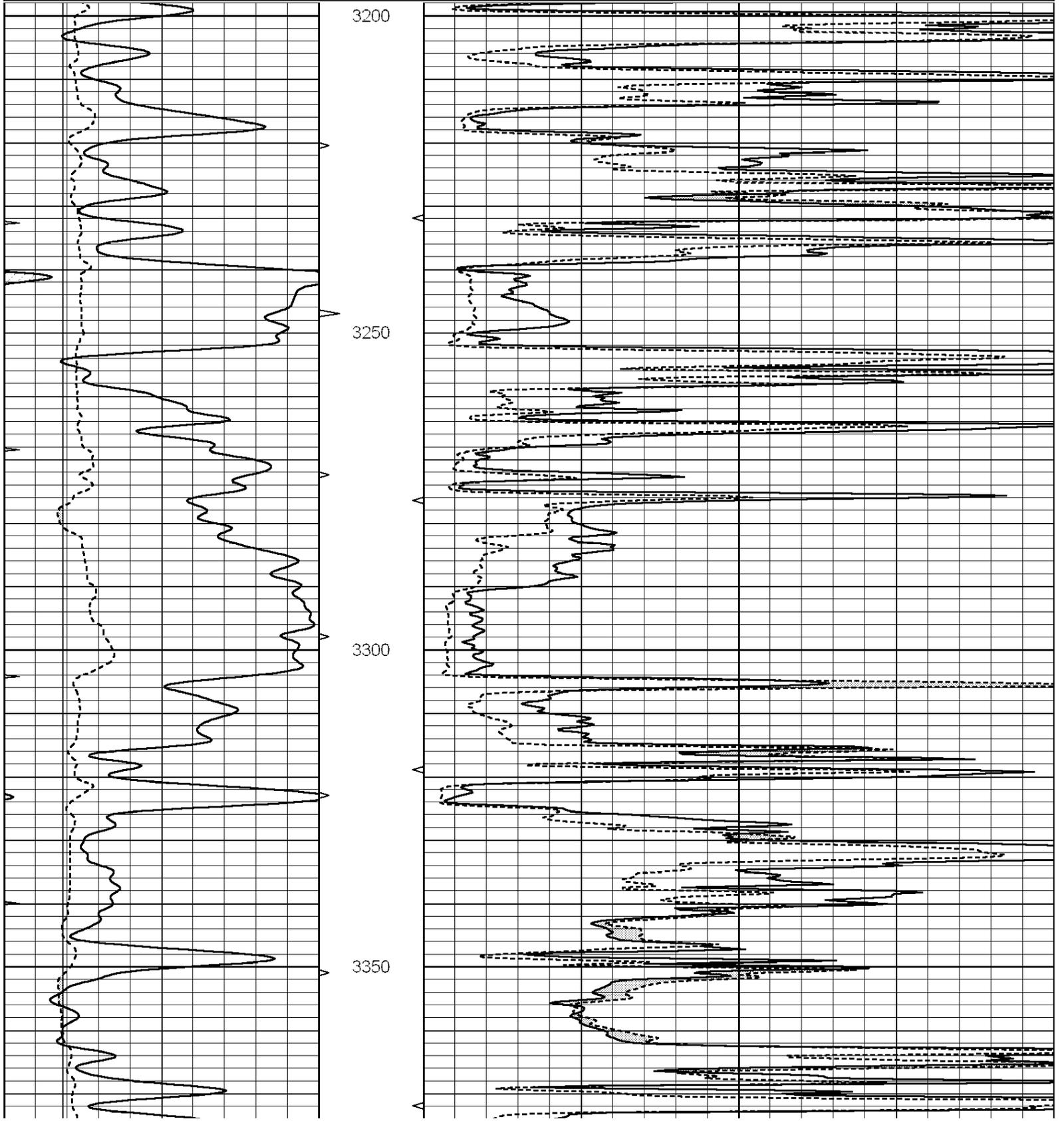
THANK YOU FOR USING "NABORS" HAYS, KANSAS (785) 628-6395
DIRECTIONS
ELLIS, KS., 4S. TO "VICTORIA RD."(LAKE RD.) 3W. TO "400 AVE.", 3/4N., W. INTO

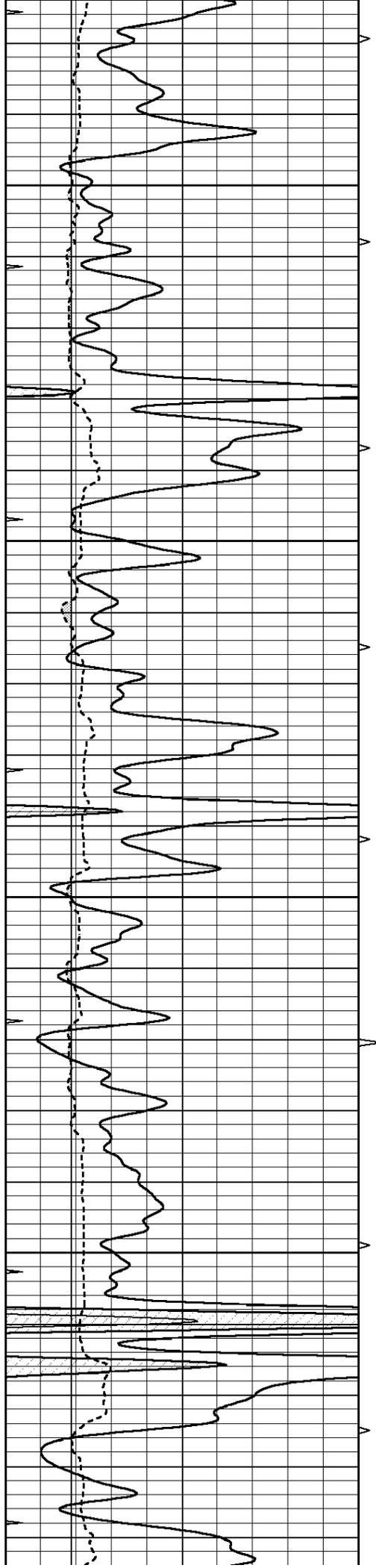


MAIN SECTION

Database File: 010424ddn.db
 Dataset Pathname: pass6.3
 Presentation Format: _micro
 Dataset Creation: Thu Mar 14 07:51:14 2013 by Calc SOC 120430
 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	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		



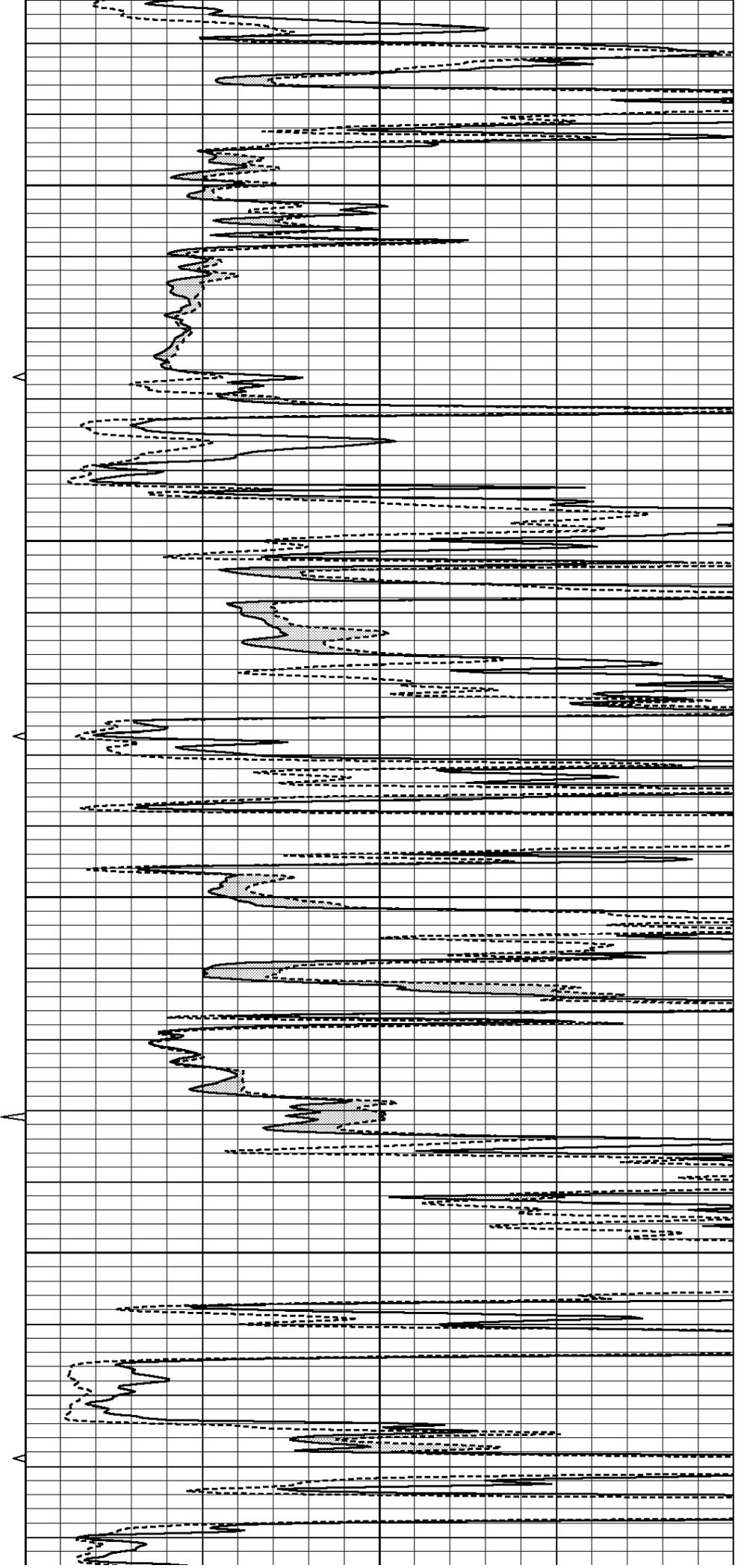


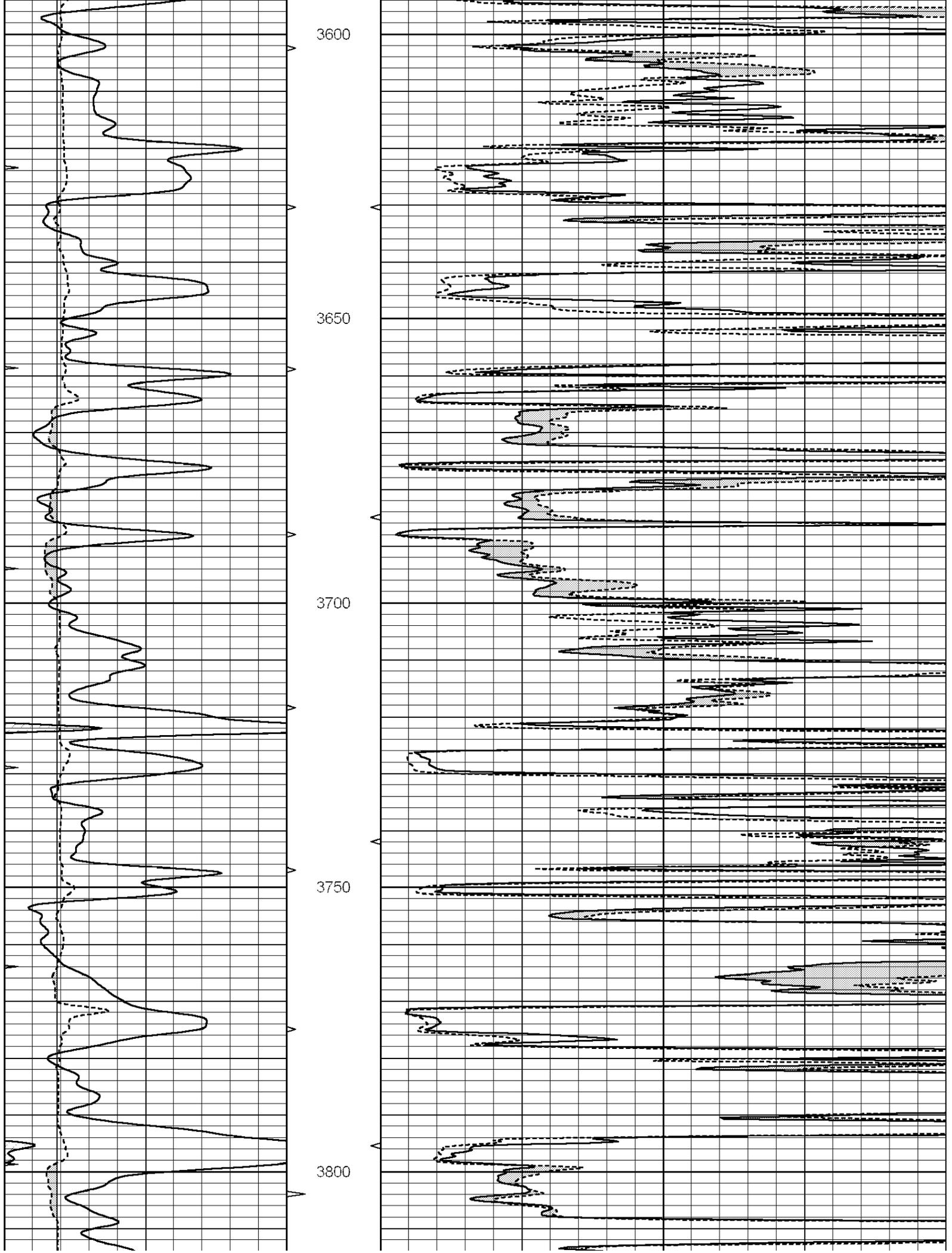
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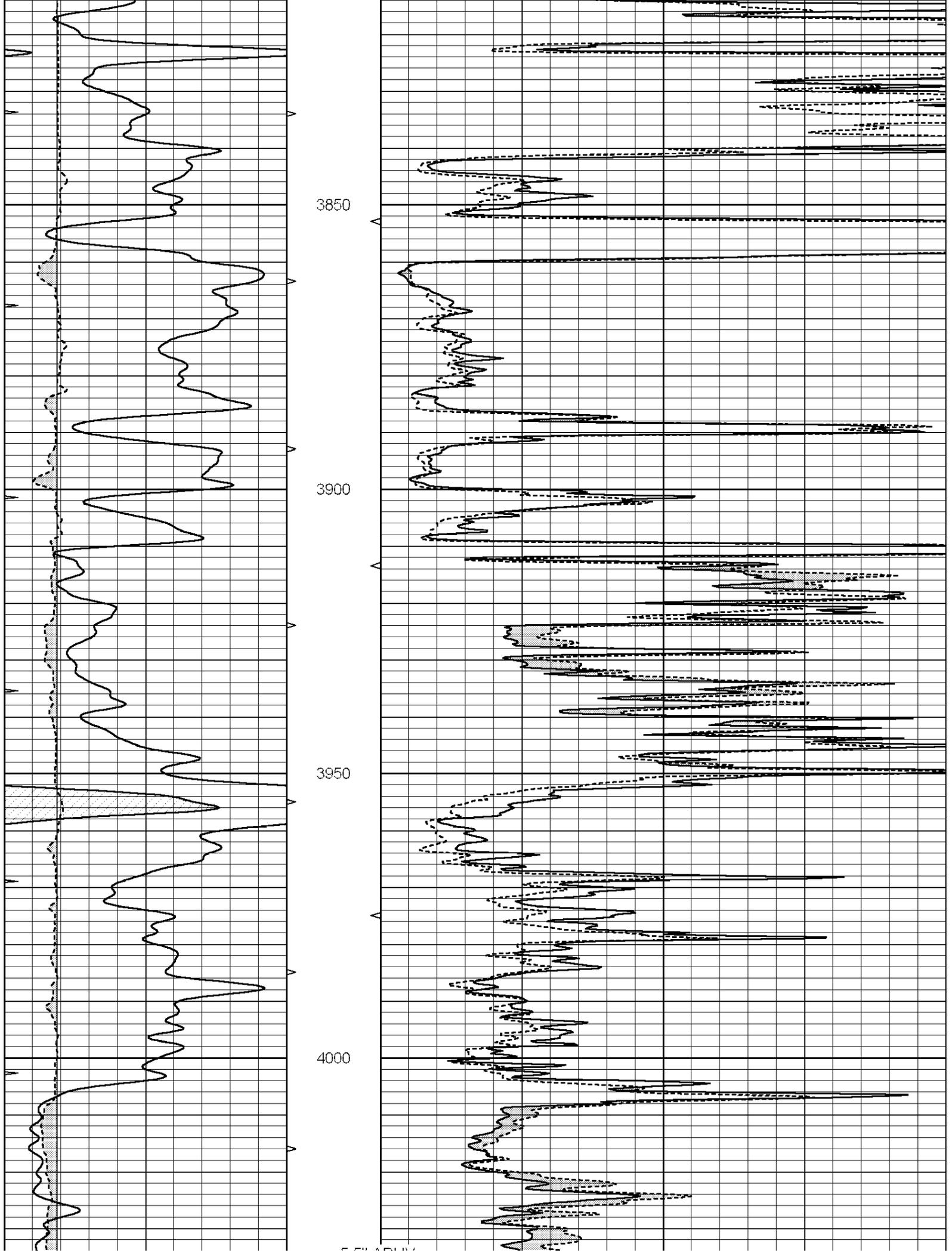
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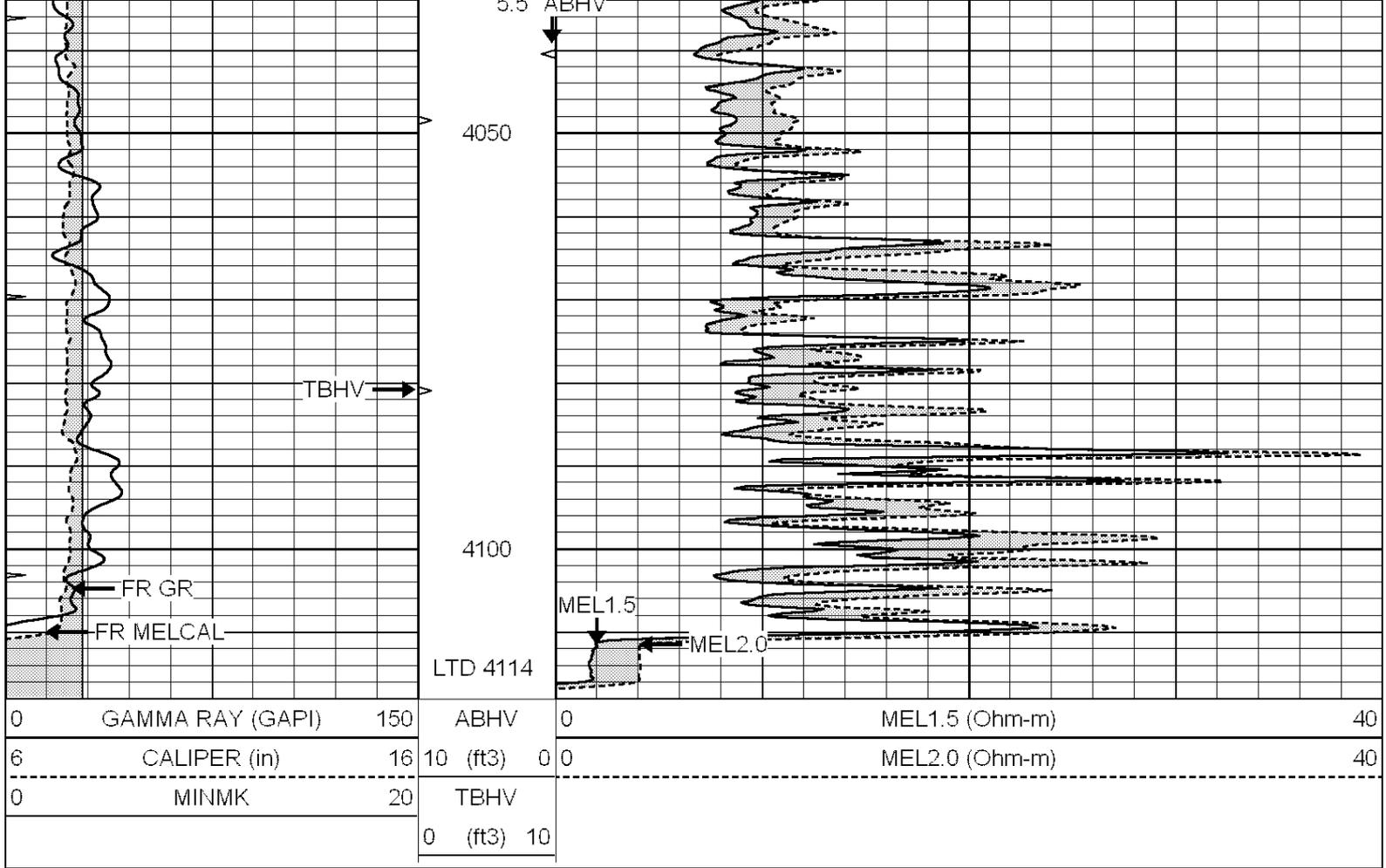
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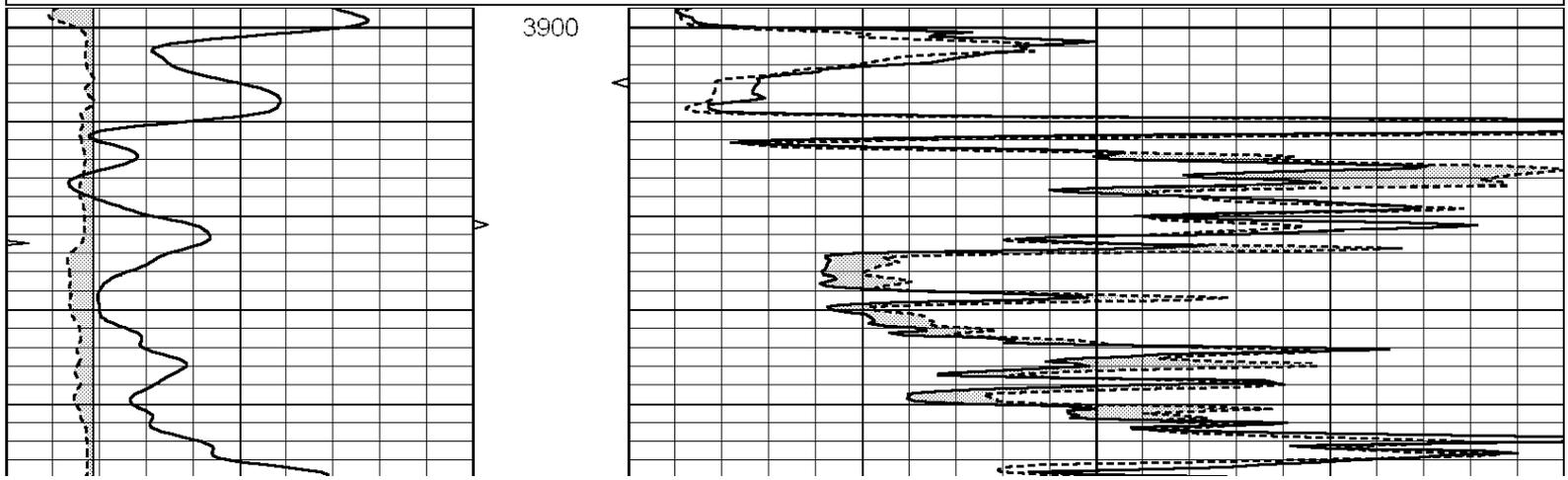


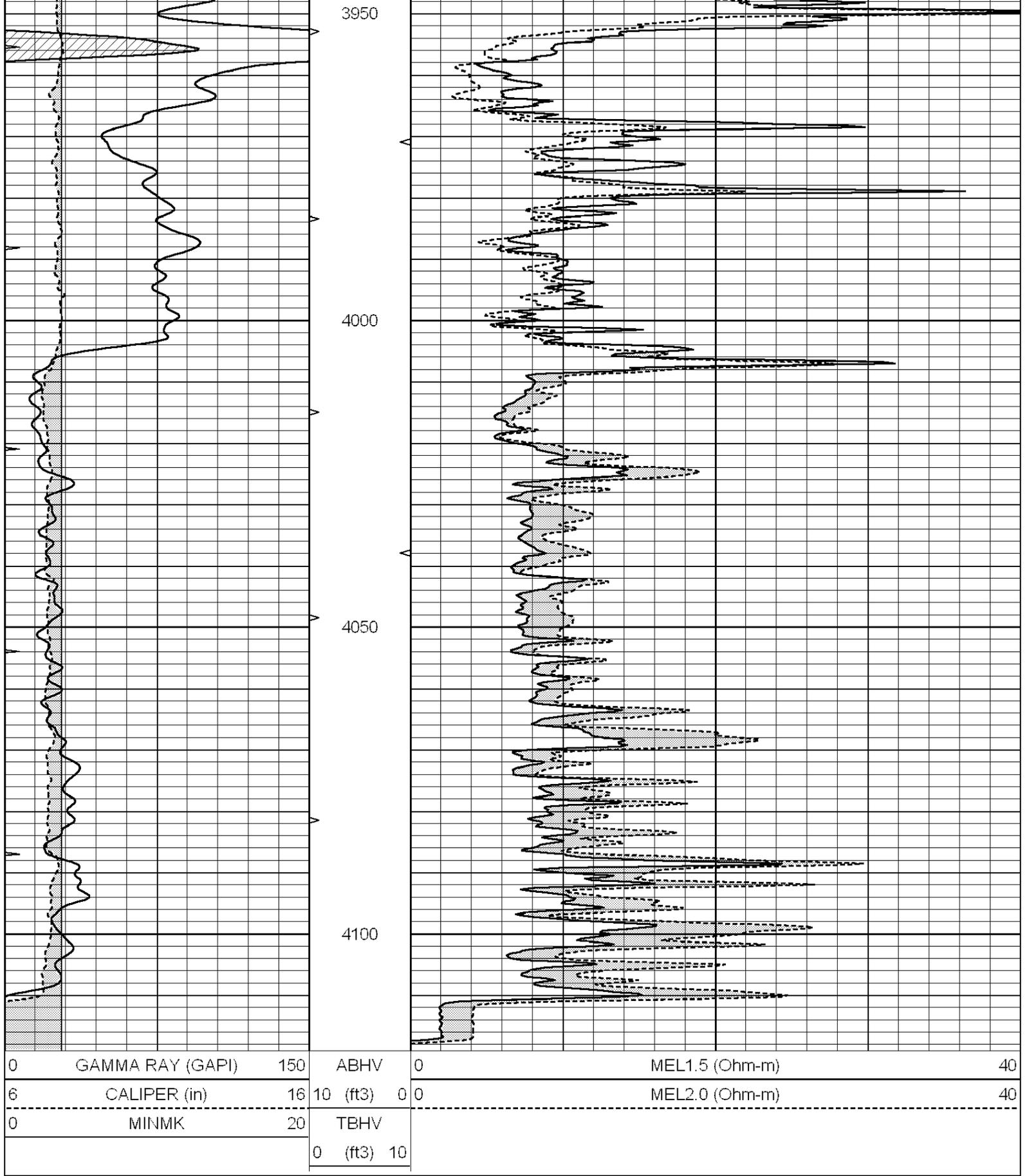


REPEAT SECTION

Database File: 010424ddn.db
 Dataset Pathname: pass5.2
 Presentation Format: _micro
 Dataset Creation: Thu Mar 14 07:18:56 2013 by Calc SOC 120430
 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 (ft)	0 0	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft) 10			





Calibration Report

Database File: 010424ddn.db
 Dataset Pathname: pass6.3
 Dataset Creation: Thu Mar 14 07:51:14 2013 by Calc SOC 120430

Serial Number: 2
Tool Model: PROBE
Performed: Tue Mar 05 12:07:31 2013

Caliper Calibration:	Gain=7.414	Offset=-0.879
	Low Cal	High Cal
References	7.400	15.000
Readings	0.880	1.905

1.5" Calibration:	Gain=48.000	Offset=-1.800
	Low Cal	High Cal
References	0.000	20.000
Readings	0.015	0.458

2" Calibration:	Gain=44.000	Offset=-0.700
	Low Cal	High Cal
References	0.000	20.000
Readings	0.003	0.384

Gamma Ray Calibration Report

Serial Number: GR4
Tool Model: OPEN
Performed: Thu Mar 14 06:43:29 2013

Calibrator Value:	200.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	189.0	cps
Sensitivity:	2.0000	GAPI/cps