



SUPERIOR
Hays,
Kansas

MICRO LOG

Company	GREAT PLAINS ENERGY, INC.		
Well	MOFFET #1-32		
Field			
County	NORTON	State	KANSAS
Location:	API # : 15-137-20573 2010' FNL & 350' FEL		Other Services CDL/CNL SONIC/DIL
Permanent Datum Log Measured From Drilling Measured From	GROUND LEVEL KELLY BUSHING 5' A.G.L. KELLY BUSHING	Elevation 2305 K.B. 2310' D.F. G.L. 2305'	
Date	7-24-11		
Run Number	ONE		
Depth Driller	3640		
Depth Logger	3640		
Bottom Logged Interval	3623		
Top Log Interval	3050		
Casing Driller	219		
Casing Logger	219		
Bit Size	7.85		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.3 / 41		
pH / Fluid Loss	10.5 / 7.6		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	1.10 @ 84F		
Rmf @ Meas. Temp	0.83 @ 84F		
Rmc @ Meas. Temp	1.32 @ 84F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.830 @ 111F		
Time Circulation Stopped	2 NHOURS		
Time Logger on Bottom	9:15 A.M.		
Maximum Recorded Temperature	111F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	RICHARD BELL		

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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

SUPERIOR WELL SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: NORTON, 2W TO W2 RD., 3/4N, W INTO.



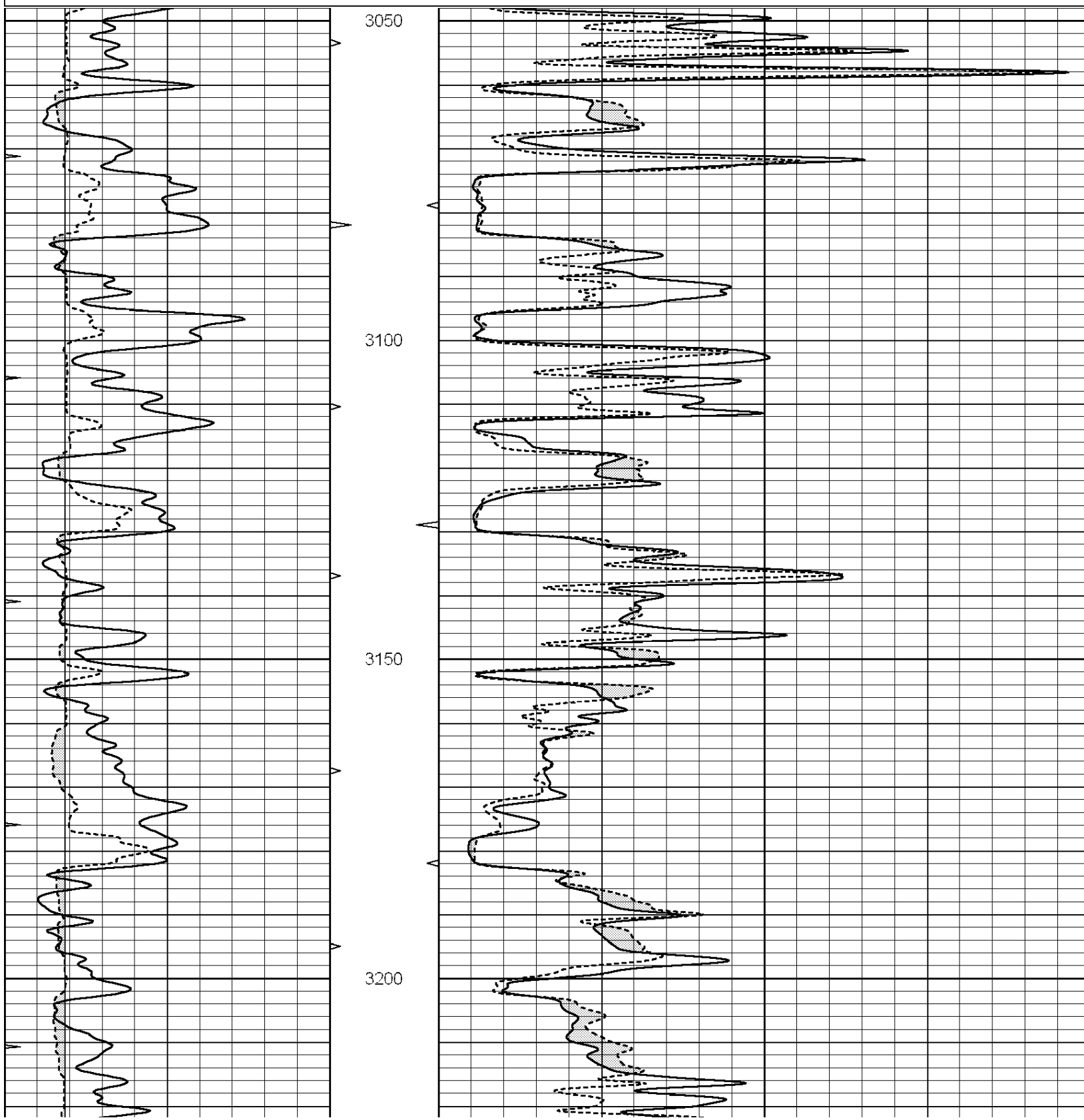
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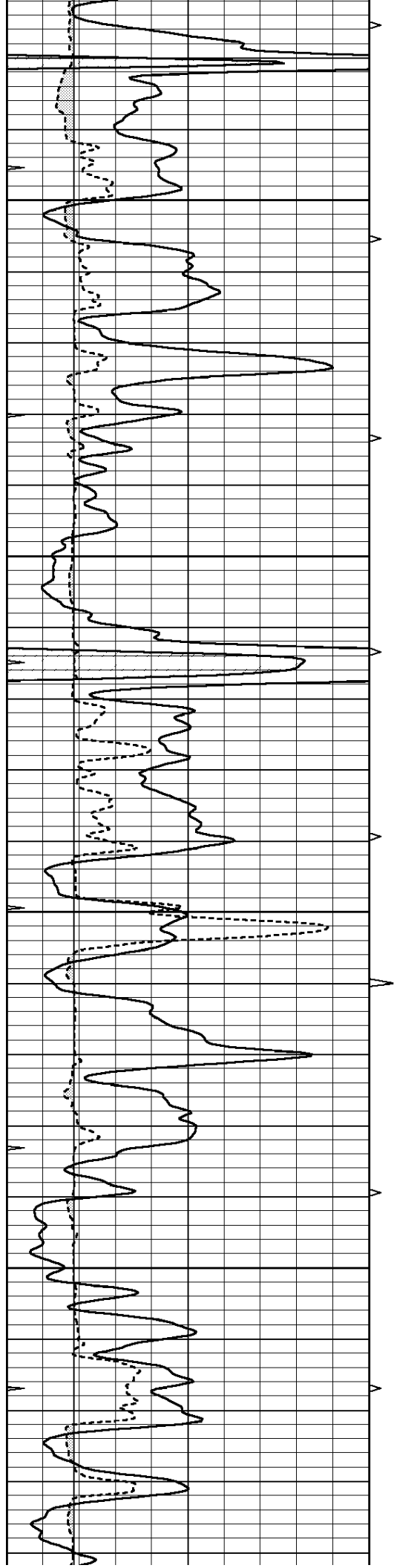
MAIN SECTION

Database File: 007335ddn.db
Dataset Pathname: pass3.1
Presentation Format: micro
Dataset Creation: Sun Jul 24 11:31:25 2011 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



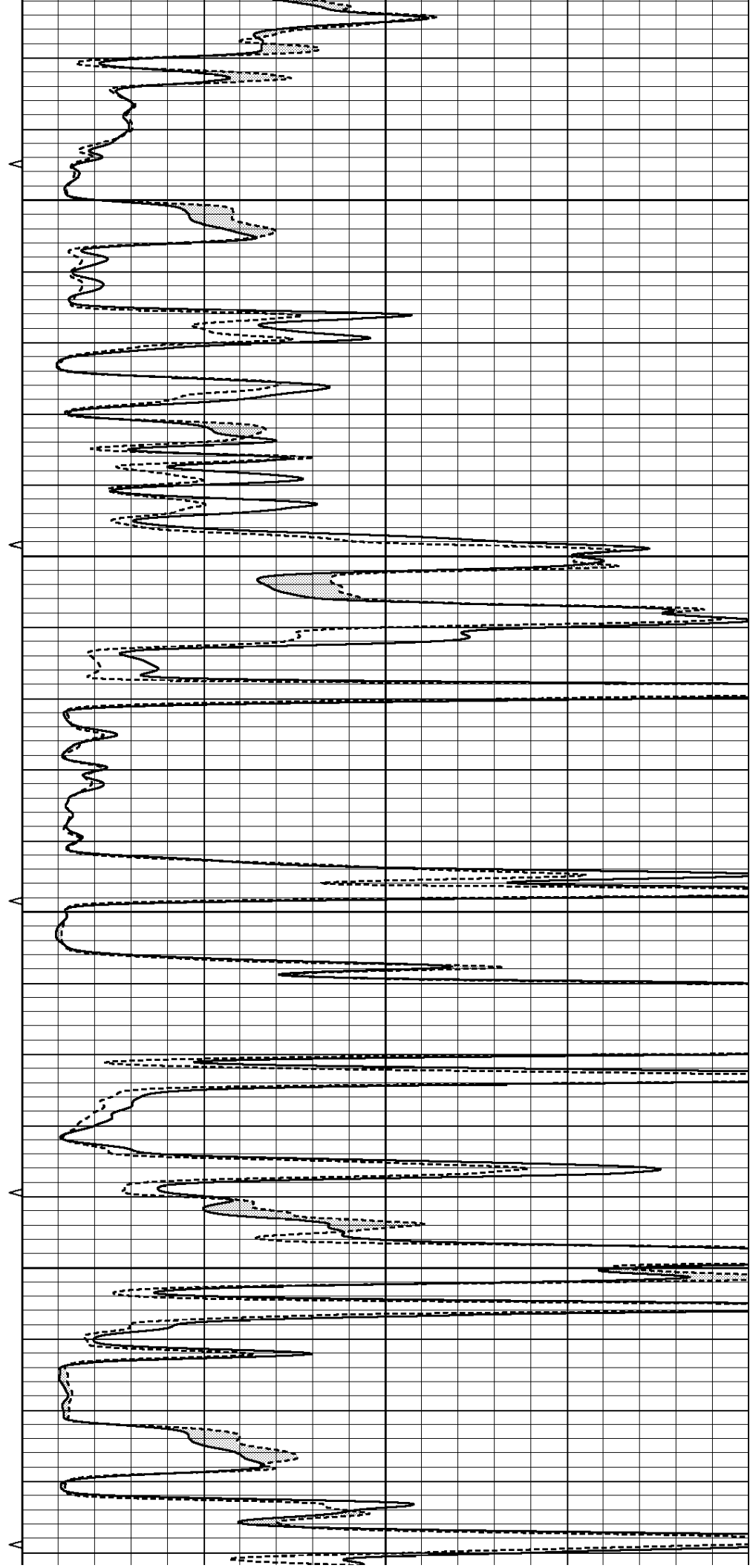


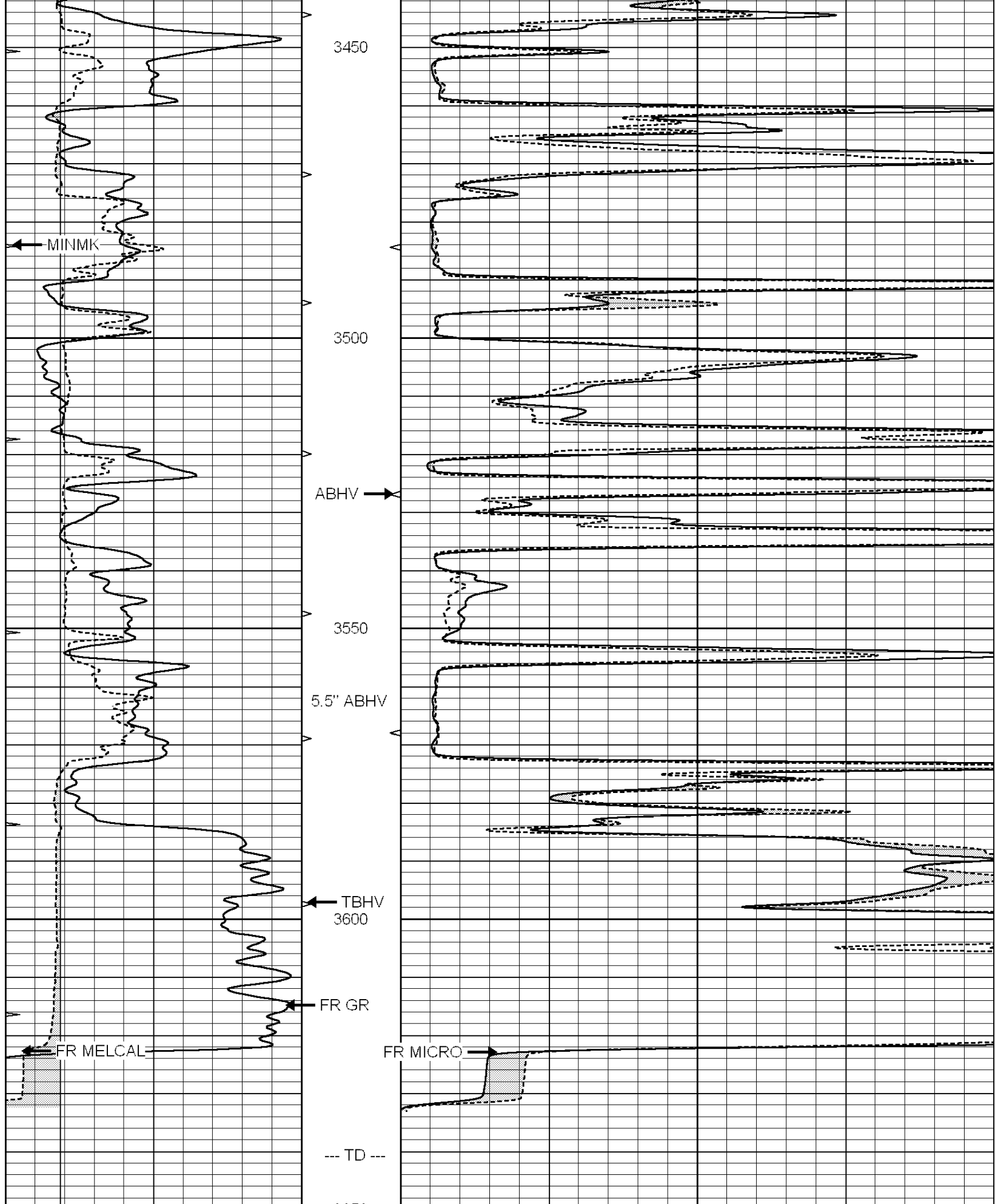
3250

3300

3350

3400





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



SUPERIOR

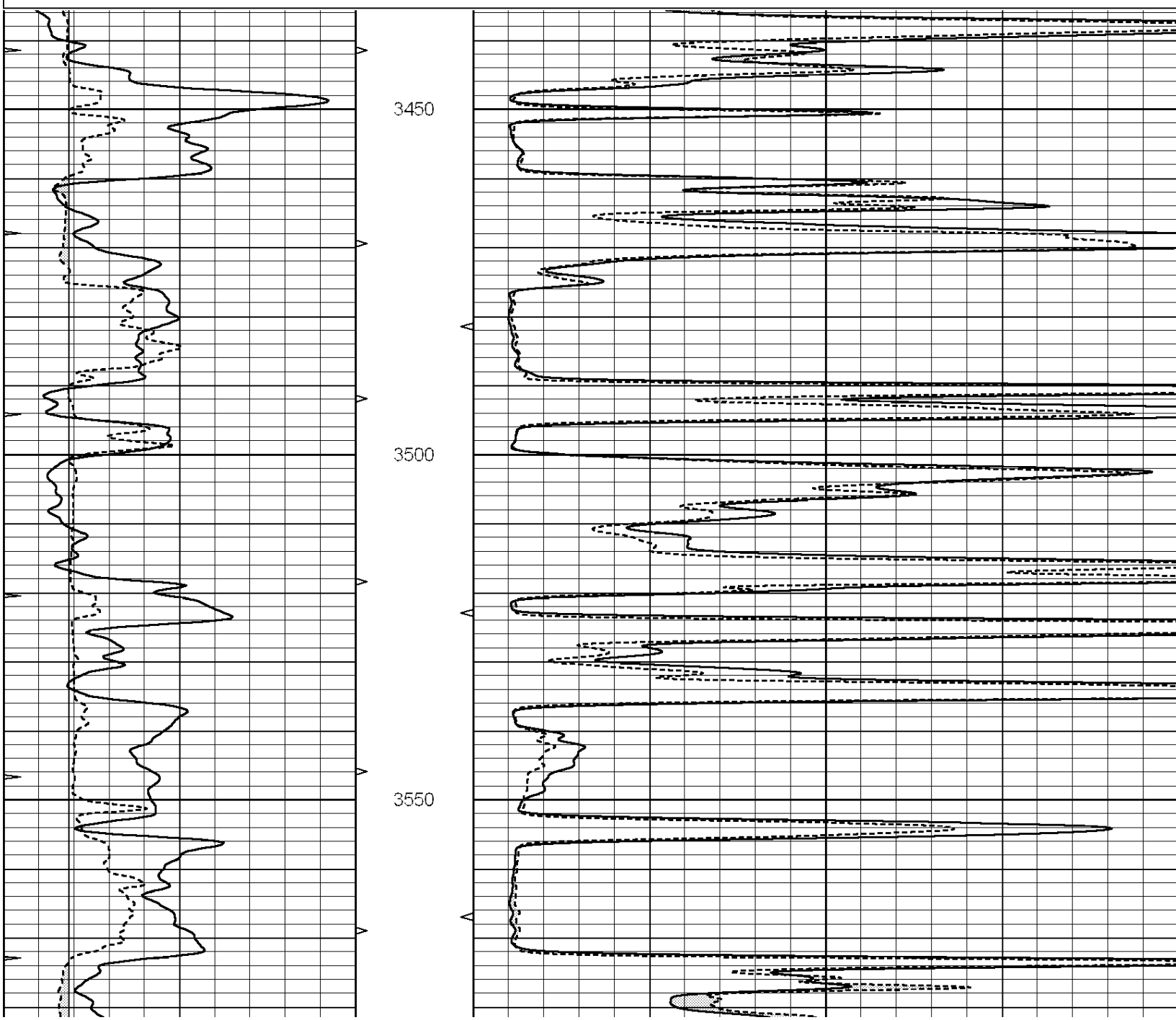
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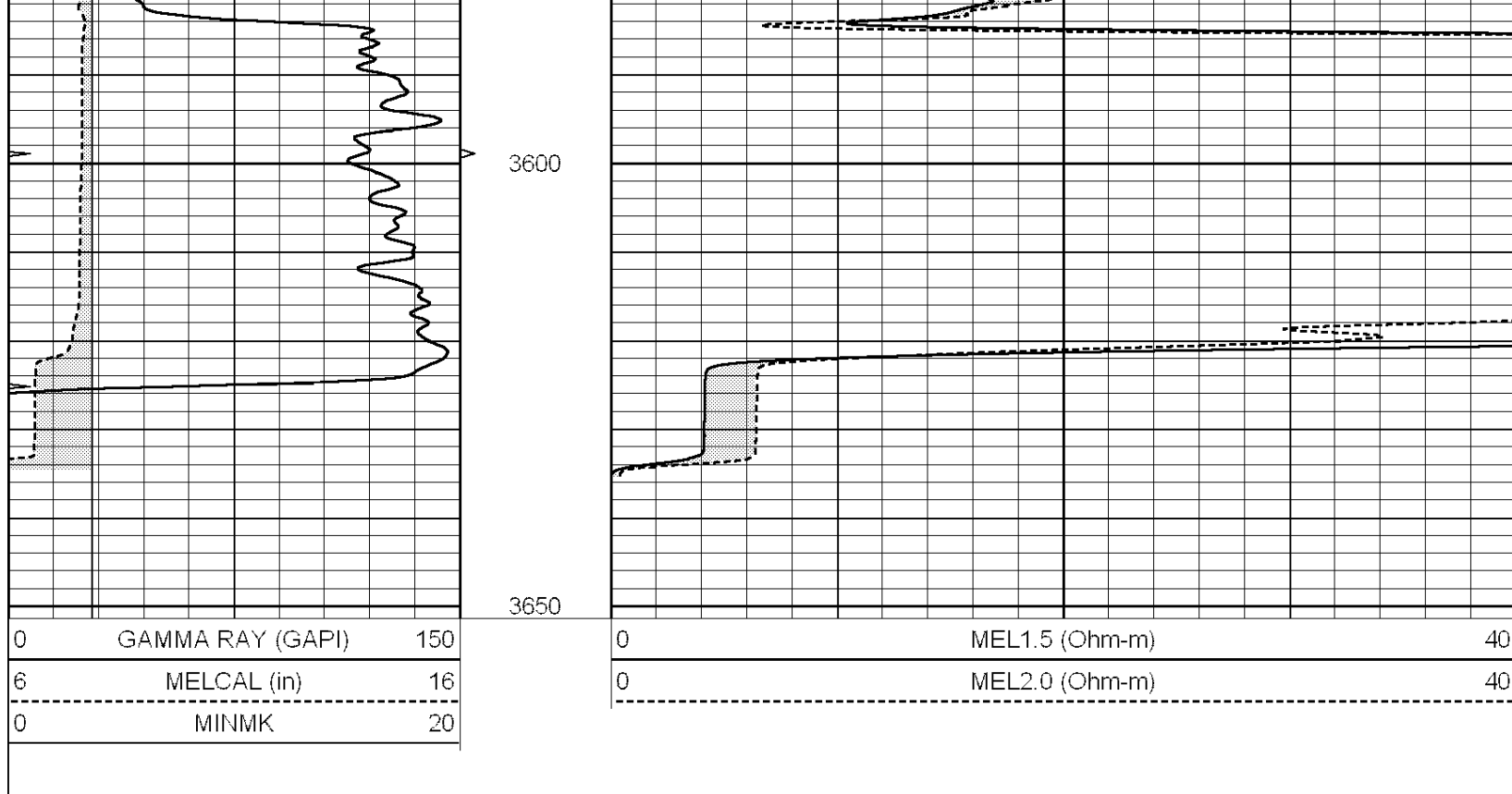
REPEAT SECTION

Database File: 007335ddn.db
Dataset Pathname: pass2.1
Presentation Format: micro
Dataset Creation: Sun Jul 24 11:32:39 2011 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





Calibration Report

Database File: 007335ddn.db
 Dataset Pathname: pass3.1
 Dataset Creation: Sun Jul 24 11:31:25 2011 by Calc Open-Cased 090629

MICRO Calibration Report

Serial Number:	Micro1	
Tool Model:	ProbeL	
Performed:	Sun Jul 24 10:12:01 2011	
Caliper Calibration:	Gain=2.858	Offset=-1.741
References	Low Cal	High Cal
Readings	7.500	13.000
	3.233	5.157
1.5" Calibration:	Gain=40.000	Offset=0.000
References	Low Cal	High Cal
Readings	0.000	20.000
	0.003	0.844
2" Calibration:	Gain=28.000	Offset=0.400
References	Low Cal	High Cal
Readings	0.000	20.000
	0.028	0.817

Gamma Ray Calibration Report

Serial Number:	GR5	
Tool Model:	OPEN	
Performed:	Sun Jul 24 09:43:38 2011	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps

Sensitivity:

0.6500

GAPI/cps