



SUPERIOR
Hays,
Kansas

MICRO
LOG

Company **BLACK DIAMOND OIL, INC.**
Well **MAXINE #1**
Field **WEBSTER**
County **ROOKS** State **KANSAS**

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Location: **API # : 15-163-24037**
80' FNL & 330' FWL
SEC 27 TWP 8S RGE 19W
Permanent Datum **GROUND LEVEL** Elevation **1992**
Log Measured From **KELLY BUSHING 5' A.G.L.**
Drilling Measured From **KELLY BUSHING**
Other Services
CDL/CNL
DIL
Elevation
K.B. 1997
D.F.
G.L. 1992

Date	6-3-12		
Run Number	TWO		
Depth Driller	3432		
Depth Logger	3432		
Bottom Logged Interval	3430		
Top Log Interval	2800		
Casing Driller	216		
Casing Logger	216		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	8.9 / 60		
pH / Fluid Loss	11.0 / 7.6		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.75 @ 84F		
Rmf @ Meas. Temp	0.56 @ 84F		
Rmc @ Meas. Temp	0.90 @ 84F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.580 @ 109F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	3:00 A.M.		
Maximum Recorded Temperature	109F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	HERB DEINES		

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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: ZURICH, 6N, E INTO.



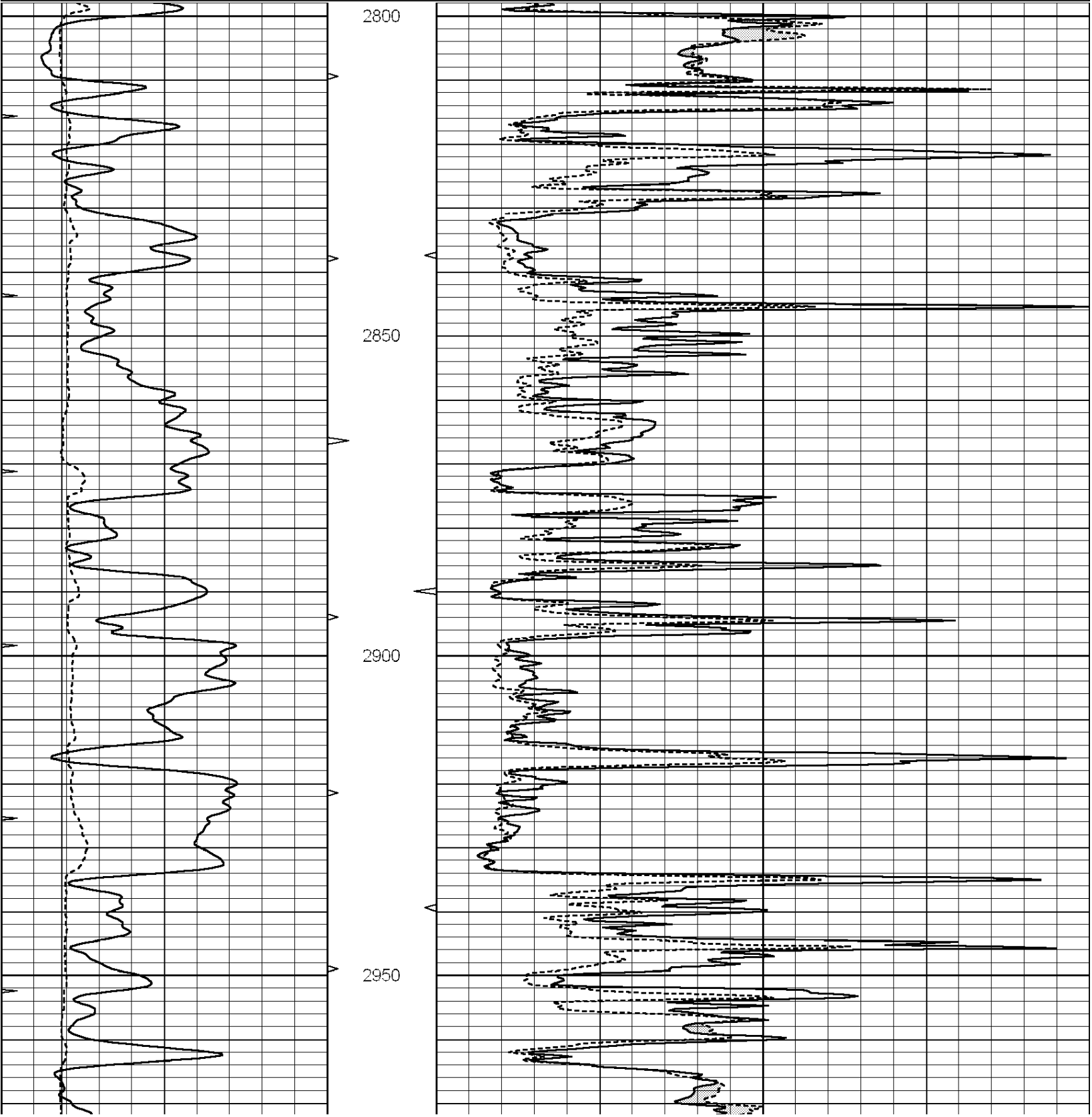
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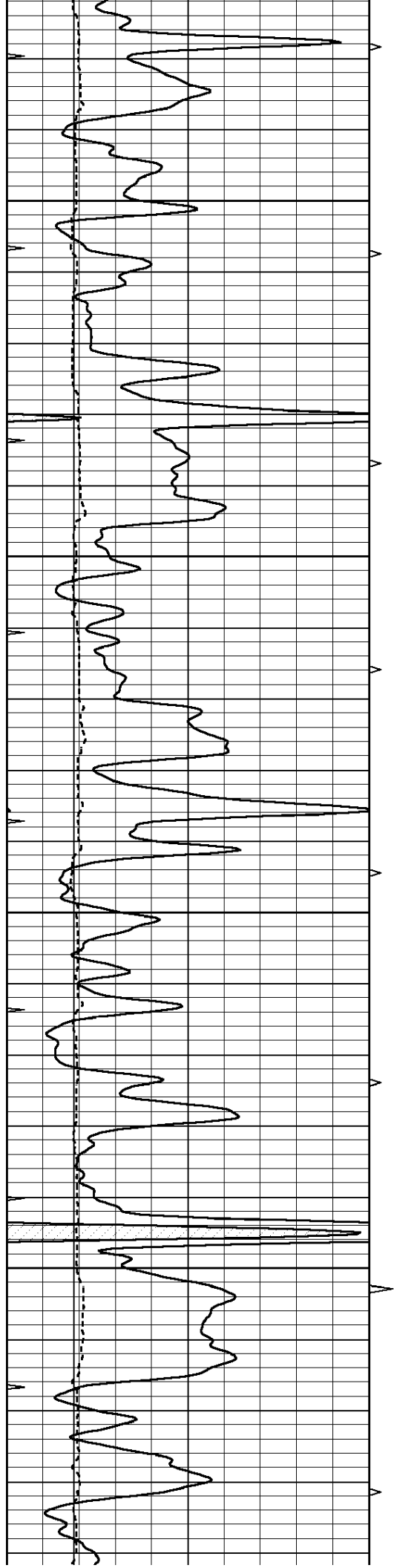
MAIN SECTION

Database File:
Dataset Pathname:
Presentation Format:
Dataset Creation:
Charted by:

008782ddn.db
pass5
micro
Sun Jun 03 05:05:12 2012 by Log Open-Cased 090629
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			



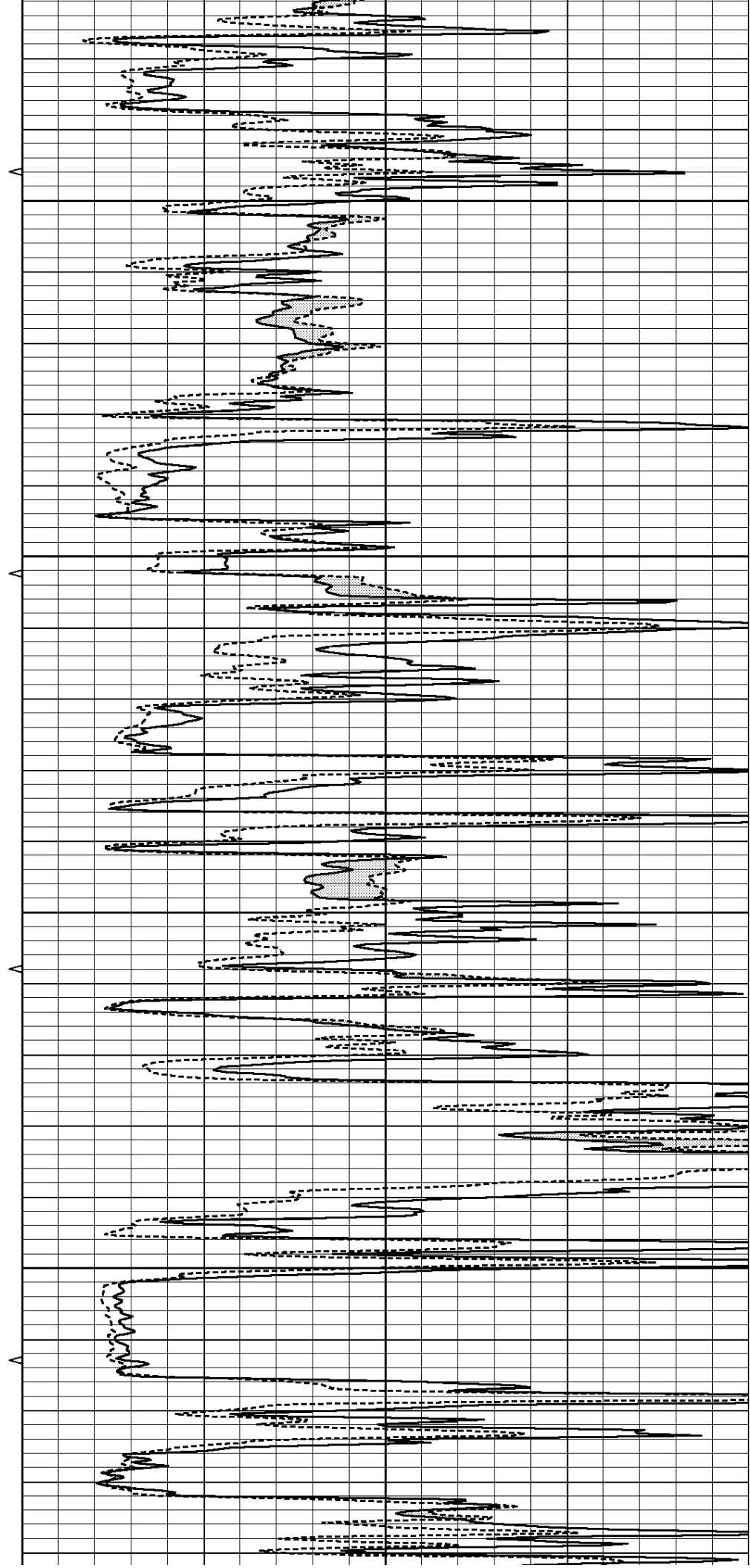


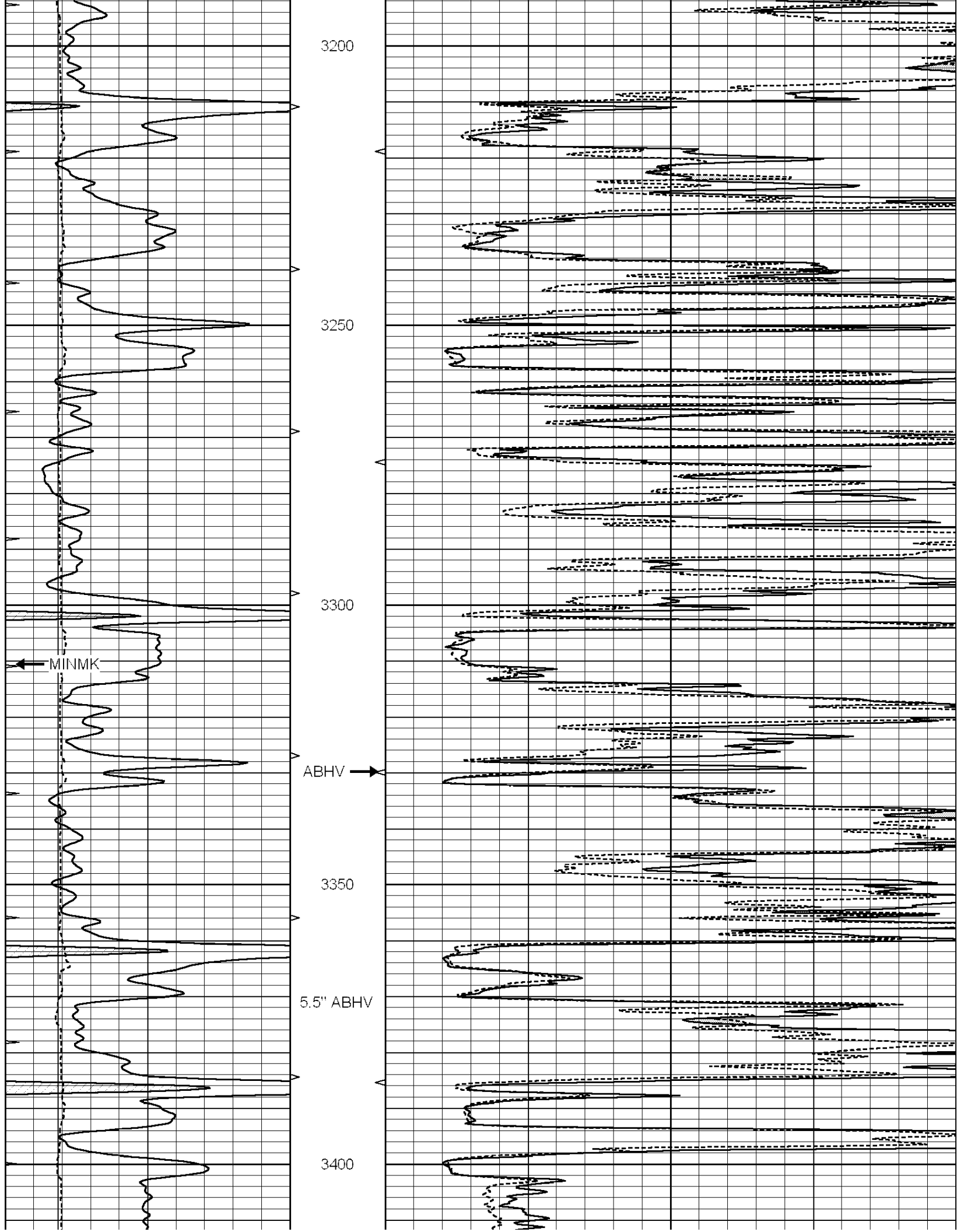
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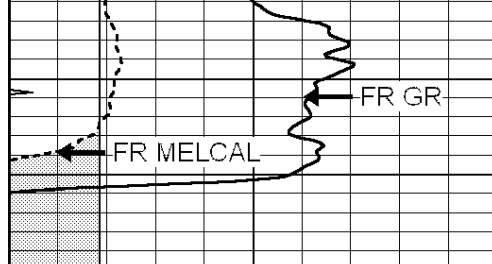
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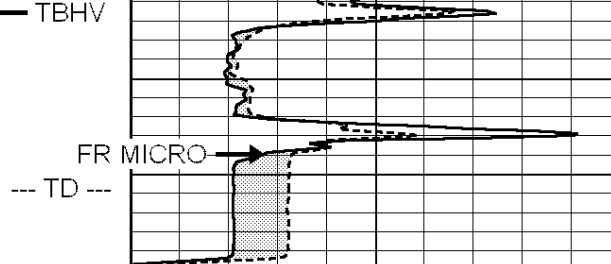
3150







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



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



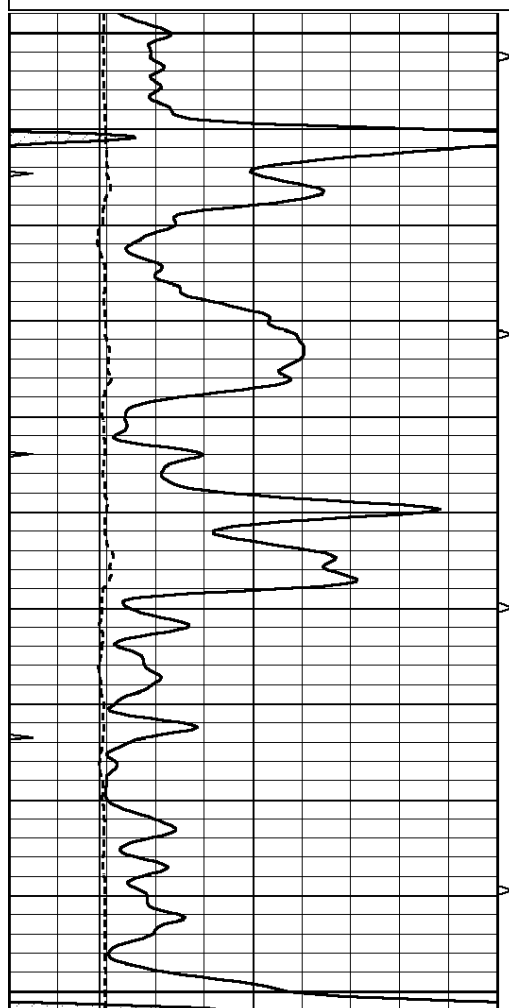
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REPEAT SECTION

Database File: 008782ddn.db
 Dataset Pathname: pass4.1
 Presentation Format: micro
 Dataset Creation: Sun Jun 03 05:02:59 2012 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

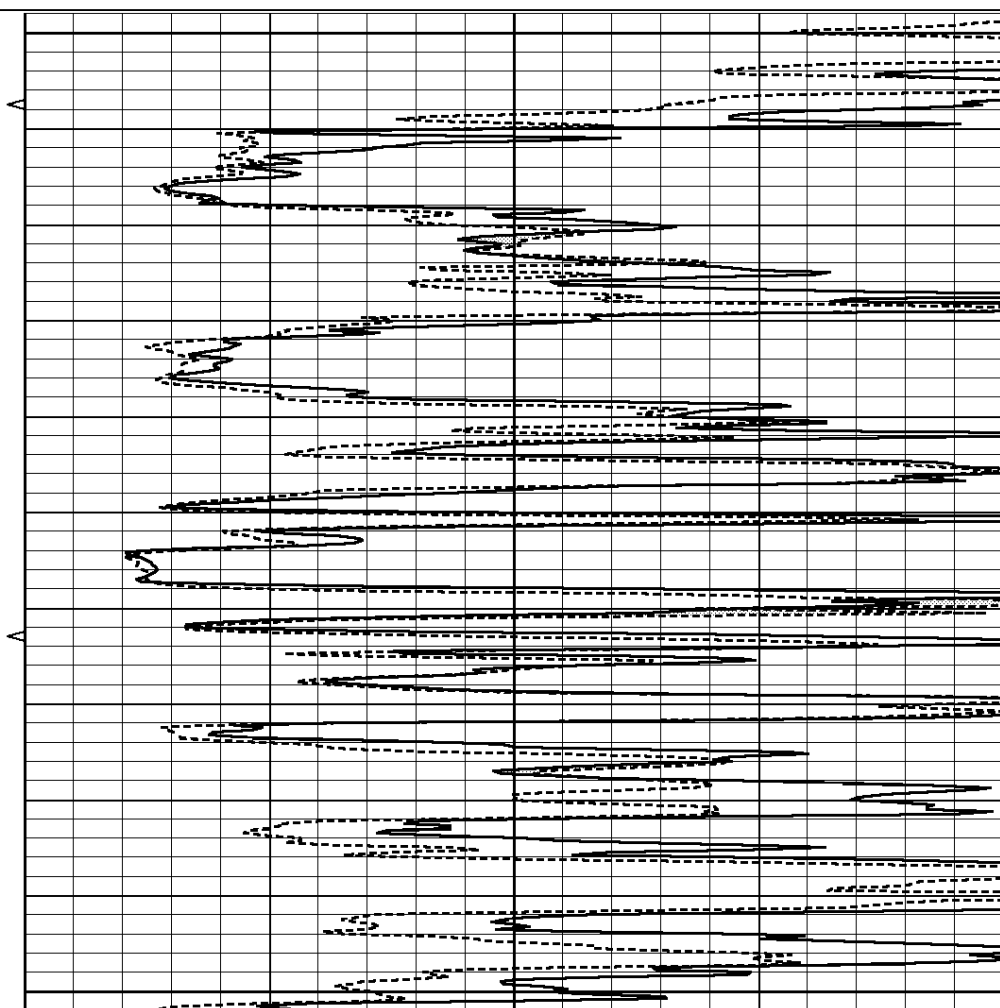
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0	MEL2.0 (Ohm-m)	40

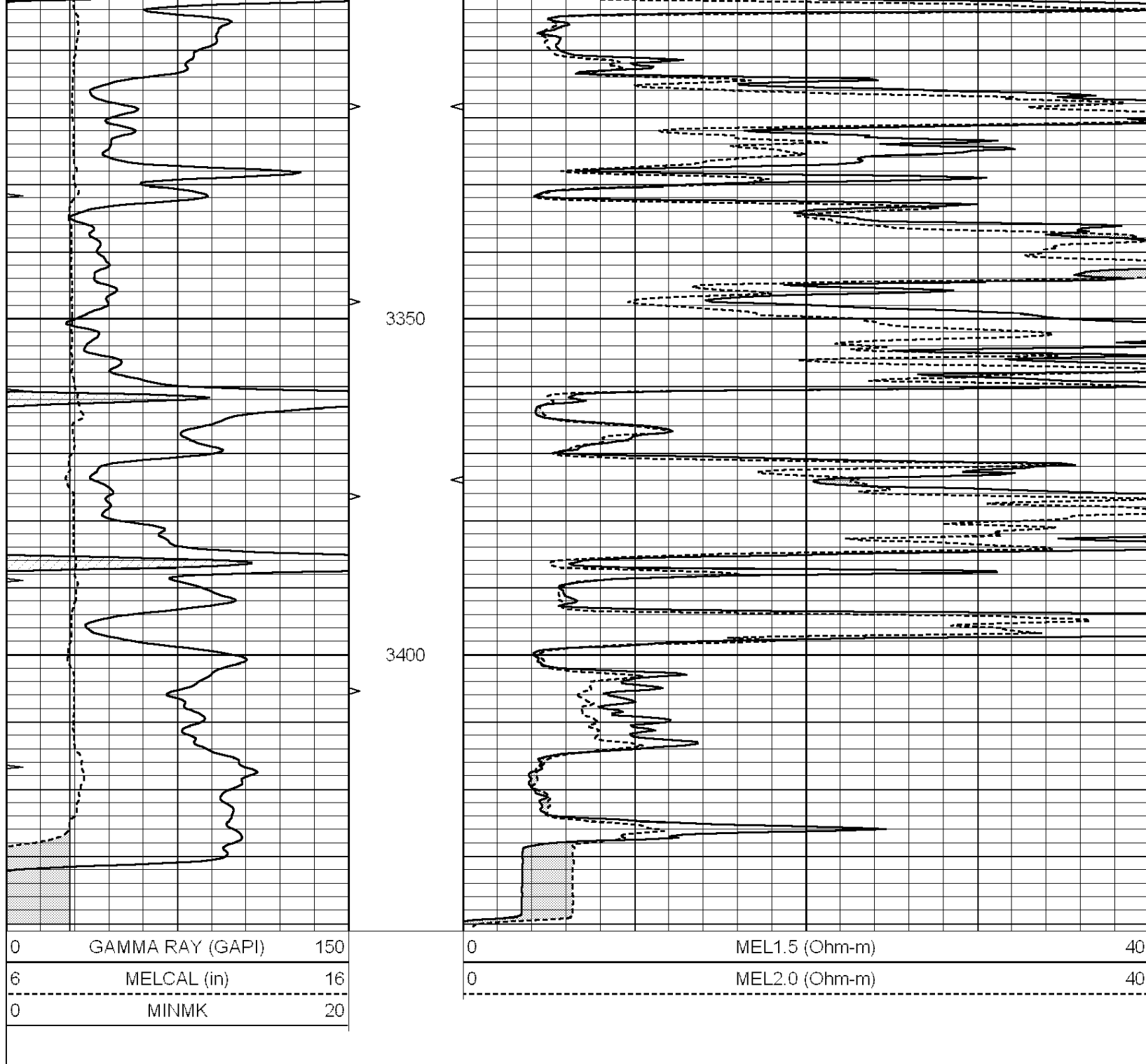


3200

3250

3300





Calibration Report

Database File: 008782ddn.db
 Dataset Pathname: pass5
 Dataset Creation: Sun Jun 03 05:05:12 2012 by Log Open-Cased 090629

MICRO Calibration Report

Serial Number: MICRO4
 Tool Model: PROBE
 Performed: Sun Jun 03 05:02:09 2012

Caliper Calibration:	Gain=1.157	Offset=1.494
References	Low Cal 7.800	High Cal 11.000
Readings	5.449	8.214

1.5" Calibration:	Gain=40.000	Offset=-0.400
References	Low Cal 0.000	High Cal 20.000
Readings	0.009	1.541
2" Calibration:	Gain=46.000	Offset=0.600
References	Low Cal 0.000	High Cal 20.000
Readings	0.004	1.198
Gamma Ray Calibration Report		
Serial Number:	GR5	
Tool Model:	OPEN	
Performed:	Sun Jun 03 04:53:15 2012	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.6300	GAPI/cps