



SUPERIOR
Hays,
Kansas

MICRO
LOG

Company	S-B OIL COMPANY	County	GRAHAM	State	KANSAS
Well	STEHNO FARMS #1	Field			
Location:	API # : 15-065-23828		Other Services CDL/CNL DIL		
SEC 34 TWP 7S RGE 21W		Elevation			
Permanent Datum	GROUND LEVEL	Elevation	2045	K.B. 2053	
Log Measured From	KELLY BUSHING 8' A.G.L.	D.F. 2051			
Drilling Measured From	KELLY BUSHING	G.L. 2045			
Date	4-22-12				
Run Number	TWO				
Depth Driller	3640				
Depth Logger	3641				
Bottom Logged Interval	3639				
Top Log Interval	2950				
Casing Driller	226'				
Casing Logger	225'				
Bit Size	7.875				
Type Fluid in Hole	CHEMICAL MUD				
Density / Viscosity	9.1 / 51	CHLORIDES 1.300			
pH / Fluid Loss	10.5 / 7.2				
Source of Sample	FLOWLINE				
Rim @ Meas. Temp	1.50 @ 81F				
Rinf @ Meas. Temp	1.13 @ 81F				
Rmc @ Meas. Temp	1.80 @ 81F				
Source of Rinf / Rmc	MEASURED				
Rim @ BHT	1.08 @ 113F				
Time Circulation Stopped	2 HOURS				
Time Logger on Bottom					
Maximum Recorded Temperature	113F				
Equipment Number	860				
Location	HAYS, KS.				
Recorded By	JEFF GRONEWEG				
Witnessed By	MARC DOWNING				

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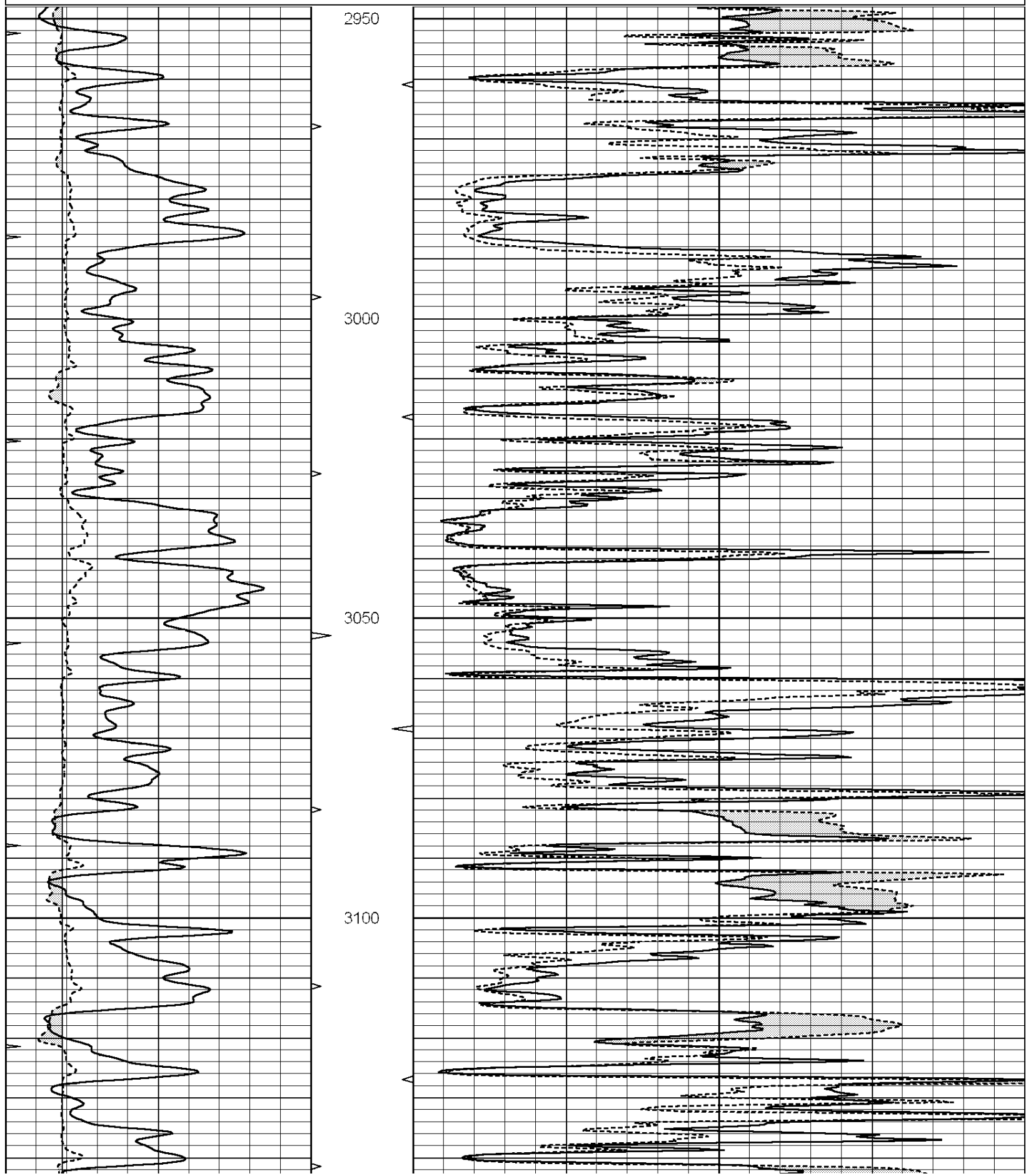
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

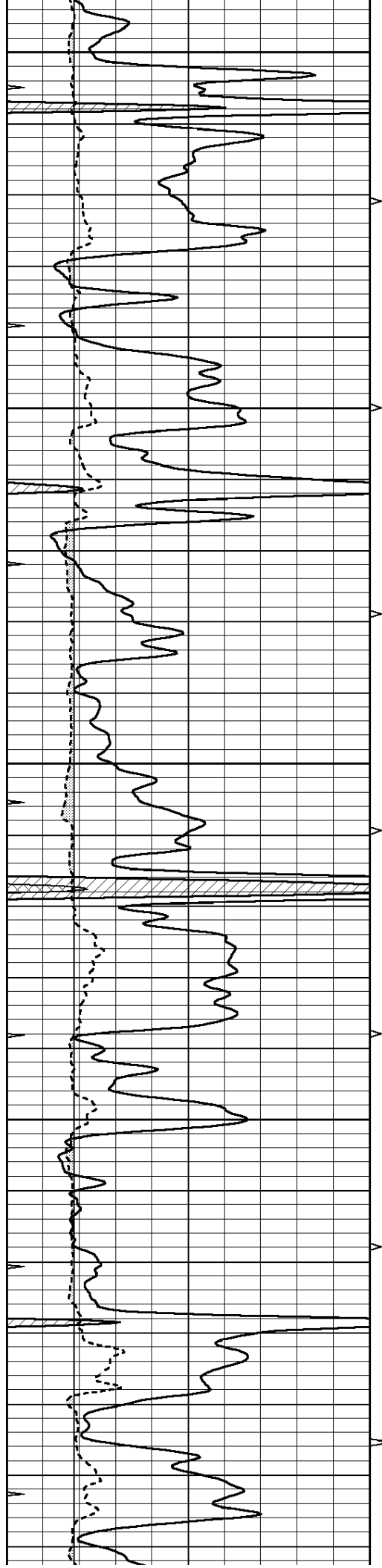
Comments

SUPERIOR WELL SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: NICODEMUS, KS - 1 MILE NORTH - 1 1/2 MILES WEST
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





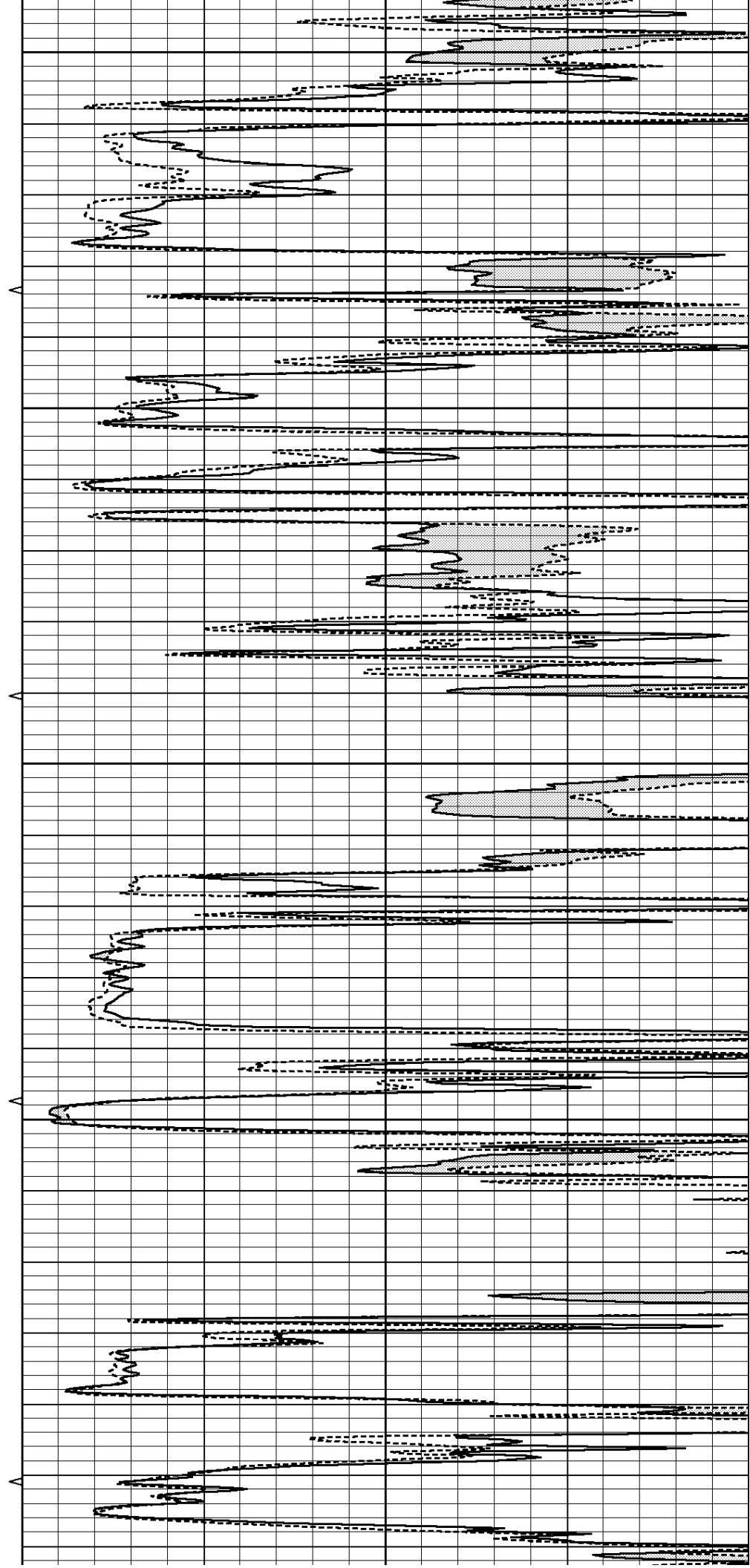
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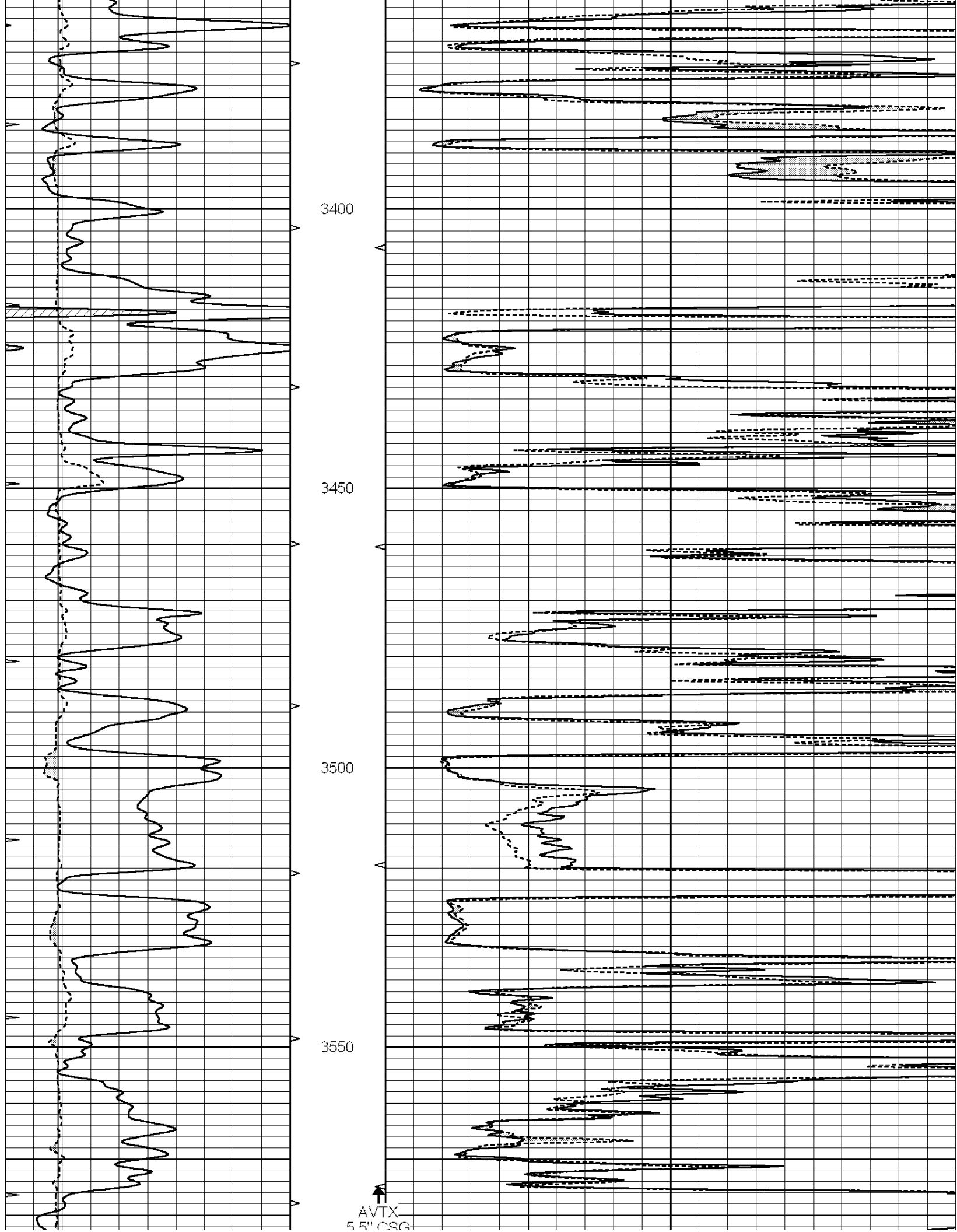
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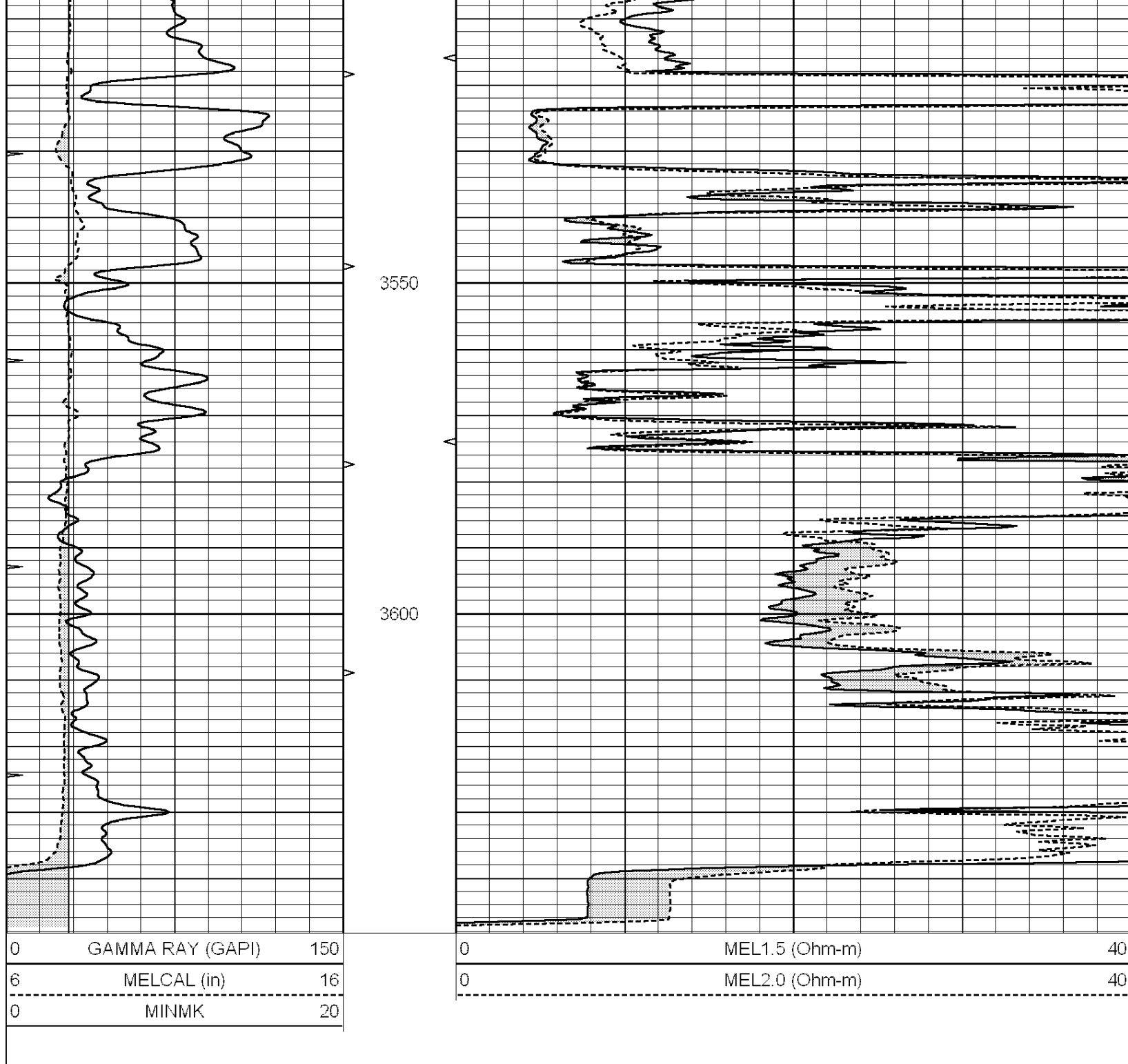
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3300

3350







Calibration Report

Database File: 008723ddn.db
Dataset Pathname: pass5.1
Dataset Creation: Sun Apr 22 21:14:02 2012 by Calc Open-Cased 090629

MICRO Calibration Report

Serial Number: MICRO4
Tool Model: PROBE
Performed: Sun Apr 15 08:28:47 2012

Caliper Calibration: Gain=2.242 Offset=-4.419

References	Low Cal	High Cal
Readings	7.800	14.000
	5.449	8.214

1.5" Calibration:	Gain=40.000	Offset=-2.800
References	Low Cal 0.000	High Cal 20.000
Readings	0.009	1.541
2" Calibration:	Gain=50.000	Offset=-2.000
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 Apr 22 06:58:16 2012	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.7000	GAPI/cps