



SUPERIOR
Hays,
Kansas

MICRO
LOG

Company MAI OIL OPERATIONS, INC.
Well DRISCOLL #4
Field HALL GURNEY
County RUSSELL State KANSAS

Location: API # : 15-167-23779-0000
675' FNL & 1375' FWL
NW - SW - NE - NW
SEC 4 TWP 15S RGE 14W
Permanent Datum GROUND LEVEL Elevation 1762
Log Measured From KELLY BUSHING 8' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
CDL/CNL
DIL
Elevation
K.B. 1770
D.F. 1768
G.L. 1762

Date	3-18-12		
Run Number	TWO		
Depth Driller	3295		
Depth Logger	3294		
Bottom Logged Interval	3292		
Top Log Interval	2200		
Casing Driller	392		
Casing Logger	391		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.1 / 54	CHLORIDES 3.600	
pH / Fluid Loss	10.5 / 8.2		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.51 @ 84F		
Rmf @ Meas. Temp	0.38 @ 84F		
Rmc @ Meas. Temp	0.61 @ 84F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	0.39 @ 110F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	110F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	JEFF GRONEWEG		
Witnessed By	KURT TALBOTT		

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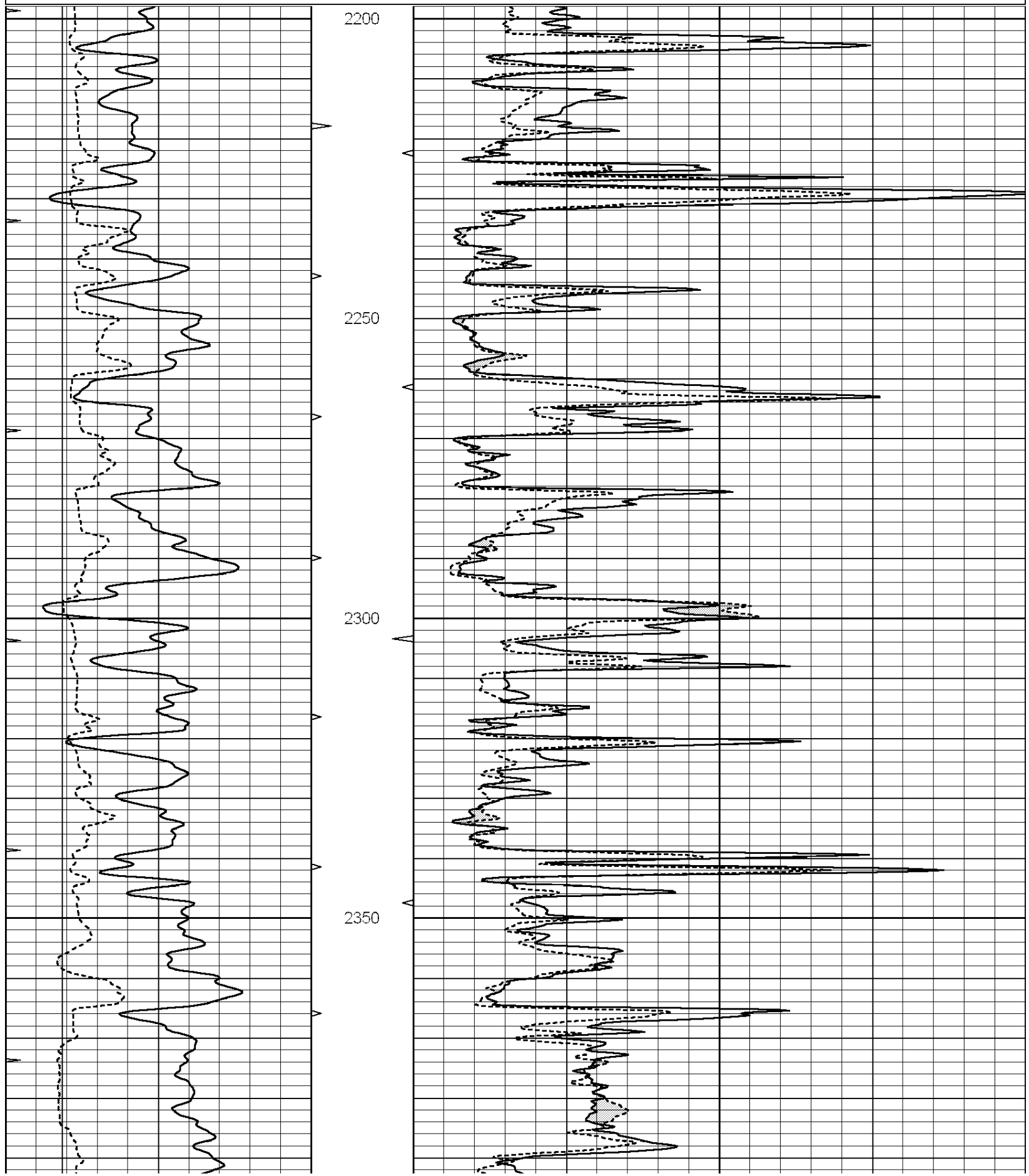
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

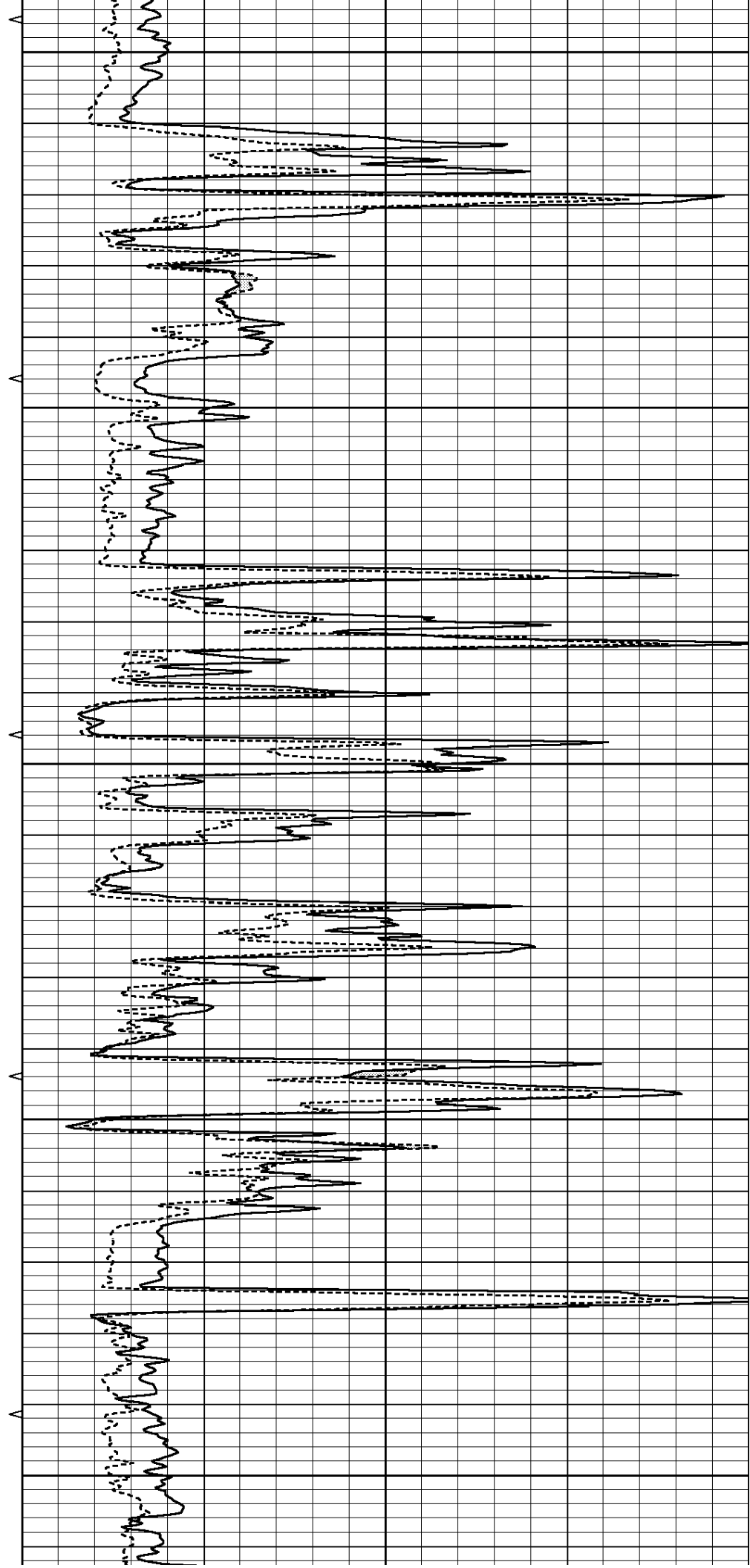
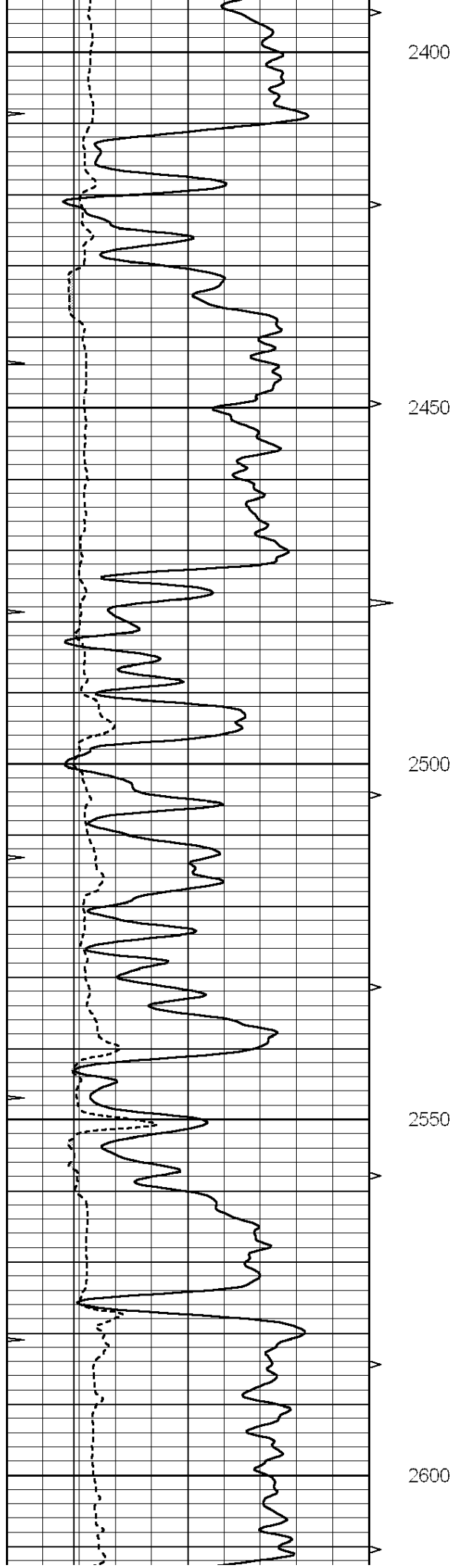
Comments

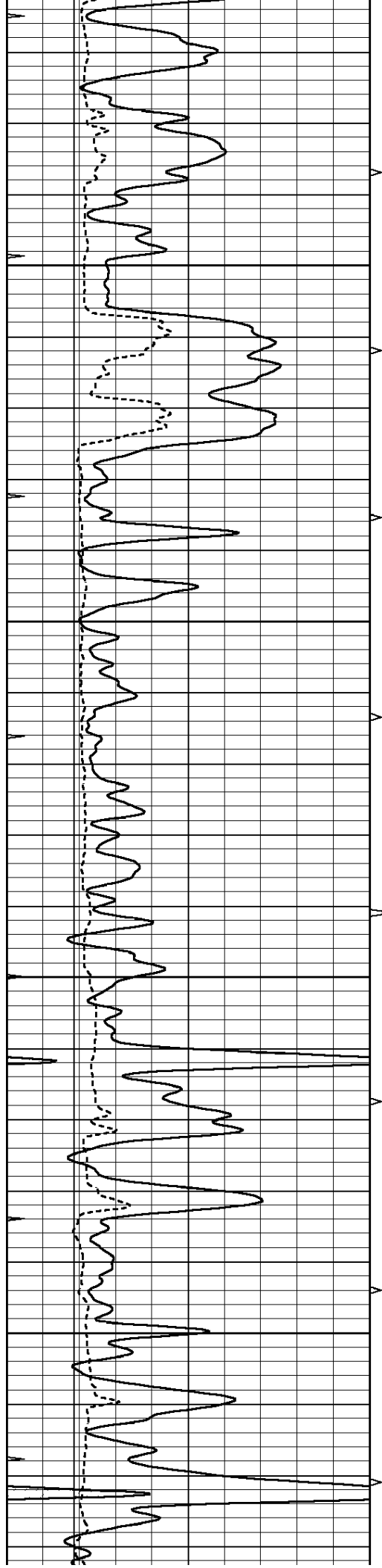
SUPERIOR WELL SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: RUSSELL, KS - 6 MILES SOUTH TO WALTERS LANE RD
2 MILES WEST - 1/2 MILE NORTH - EAST INTO

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

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





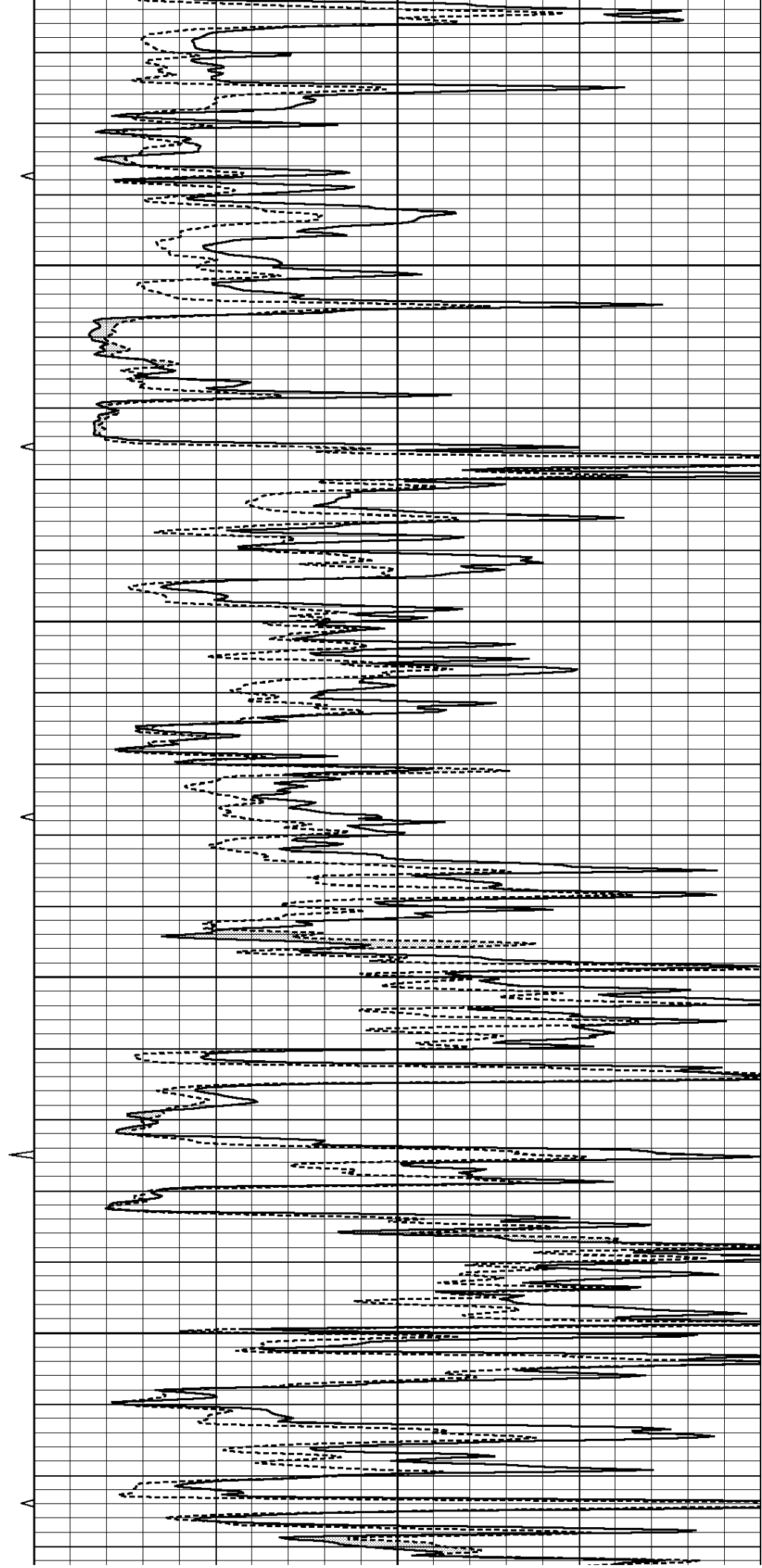


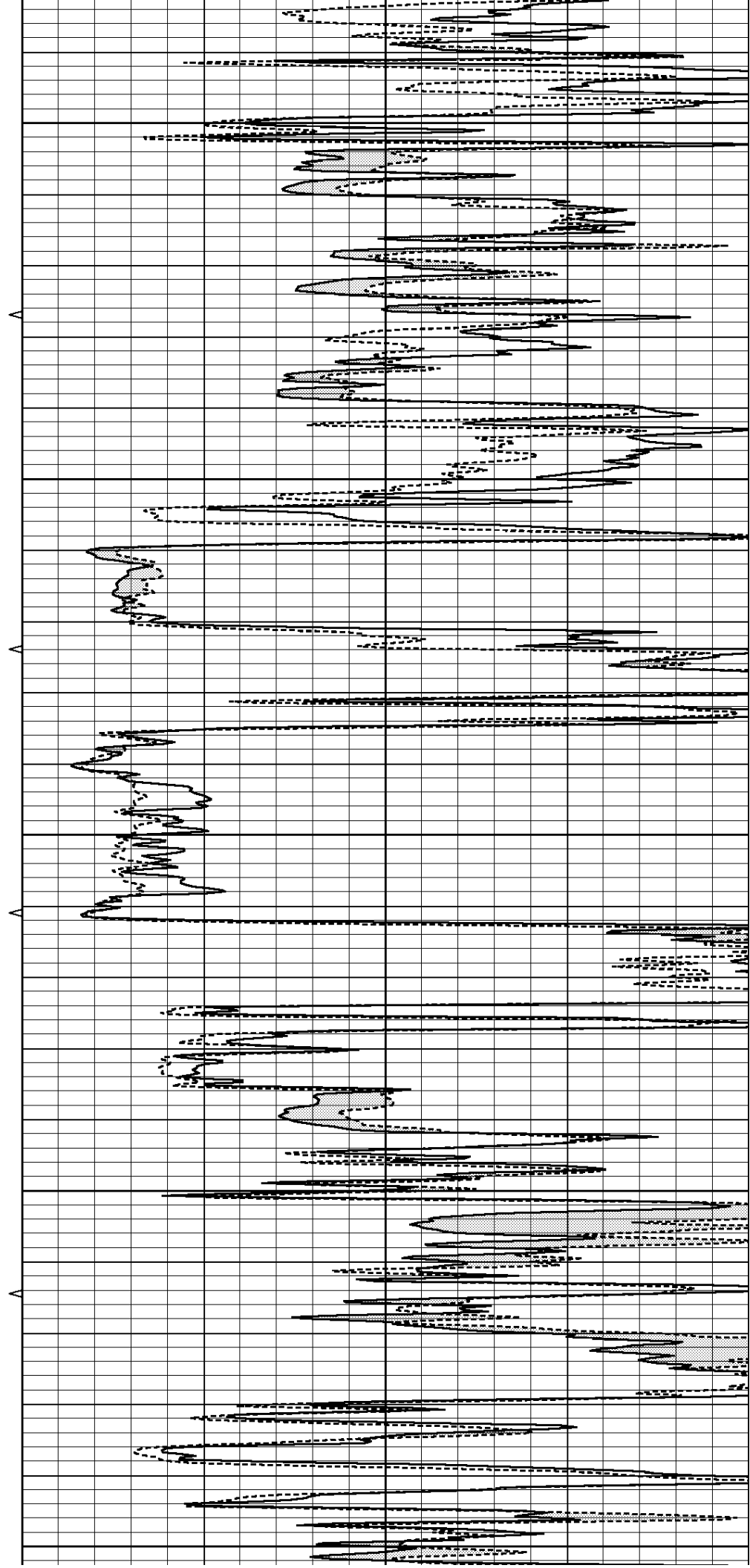
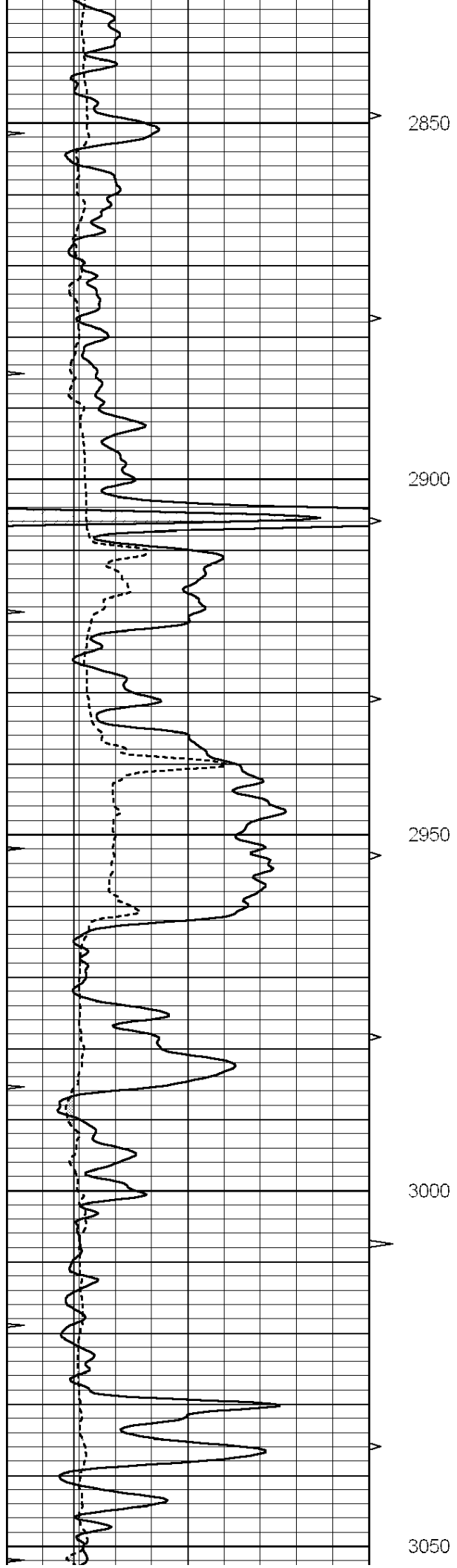
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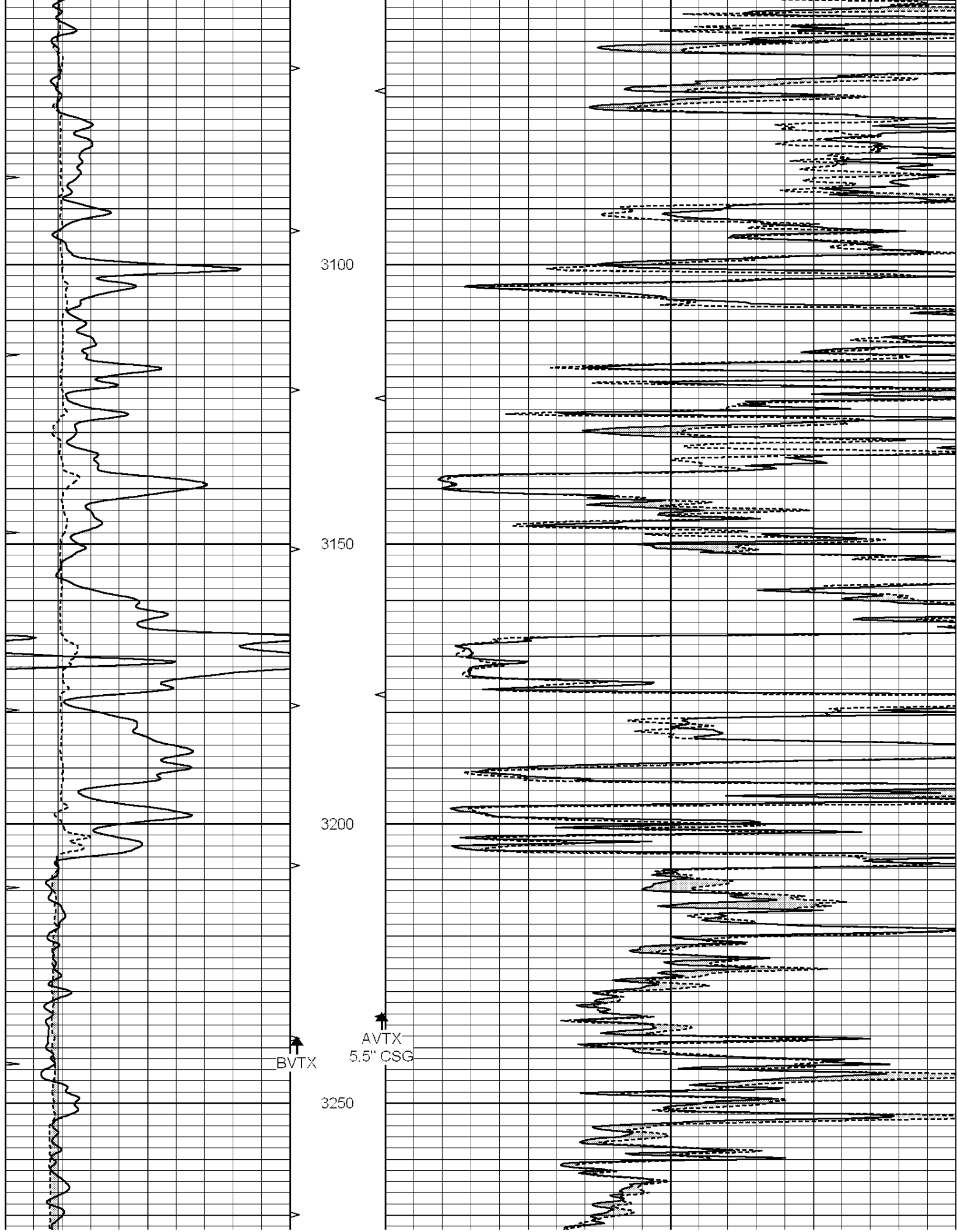
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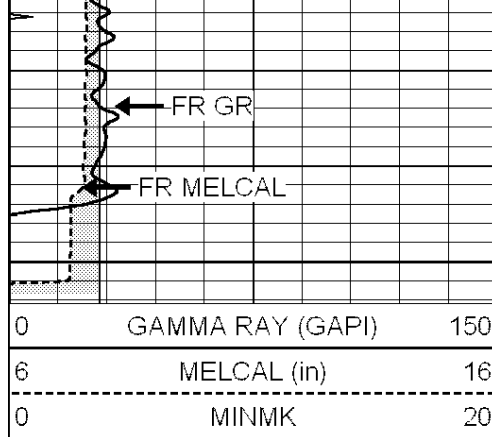
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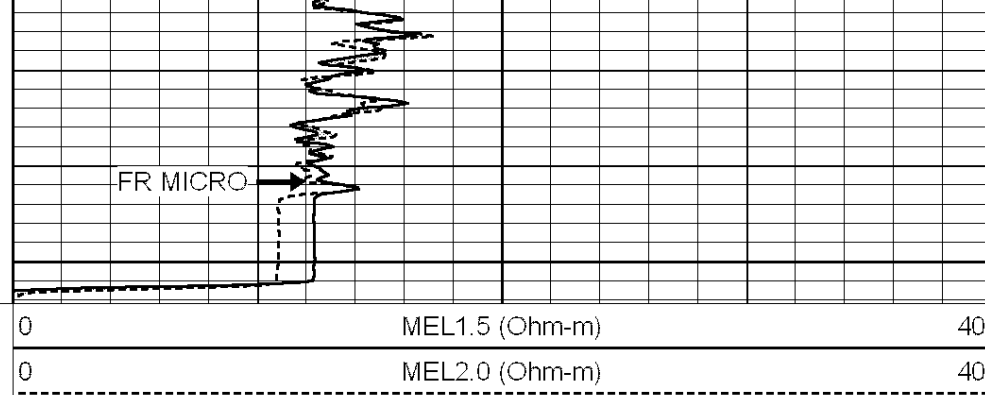






LTD 3294

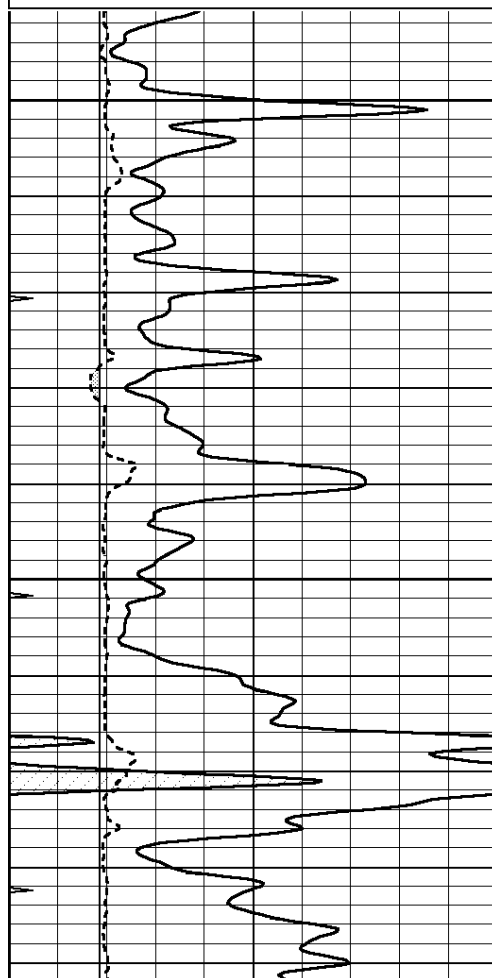
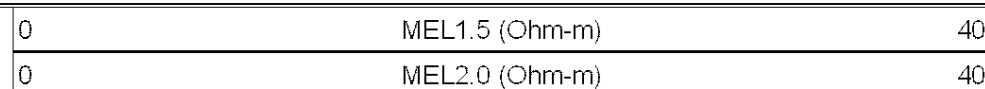
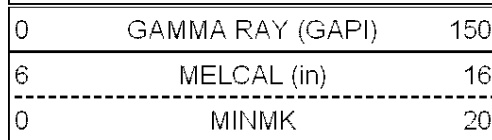
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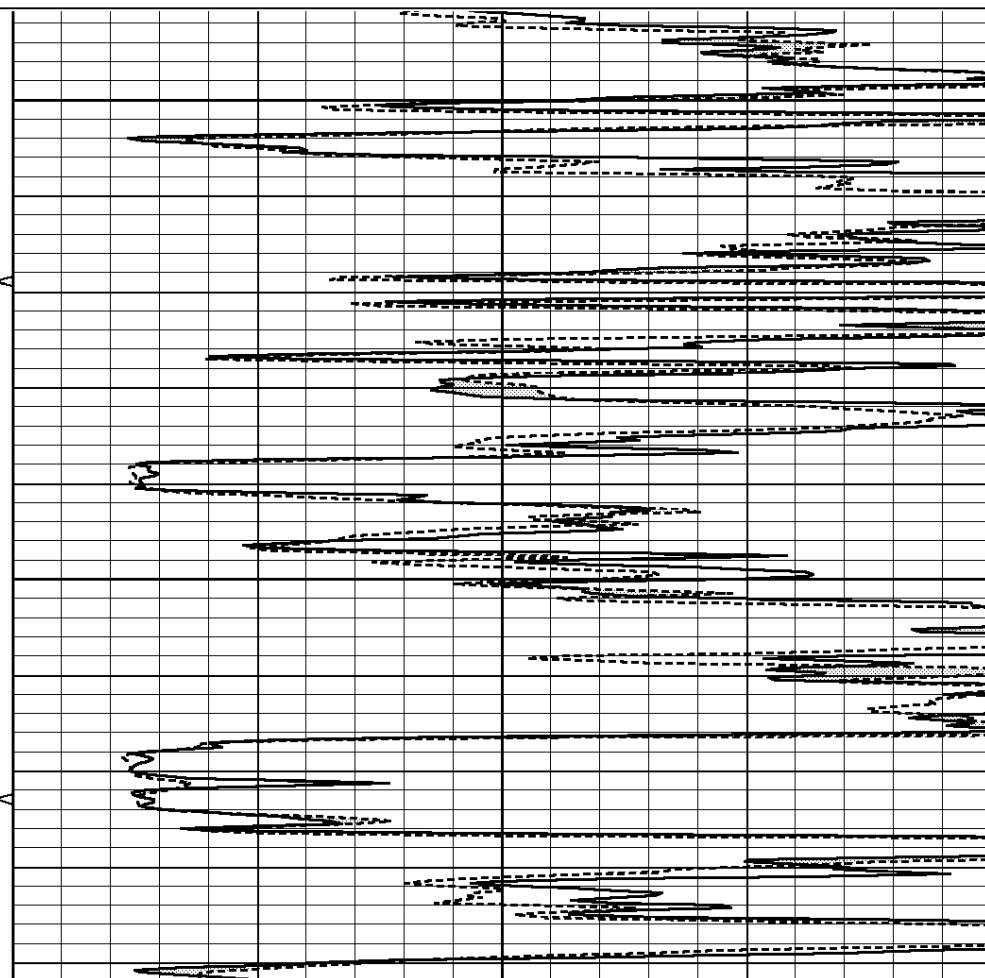
REPEAT SECTION

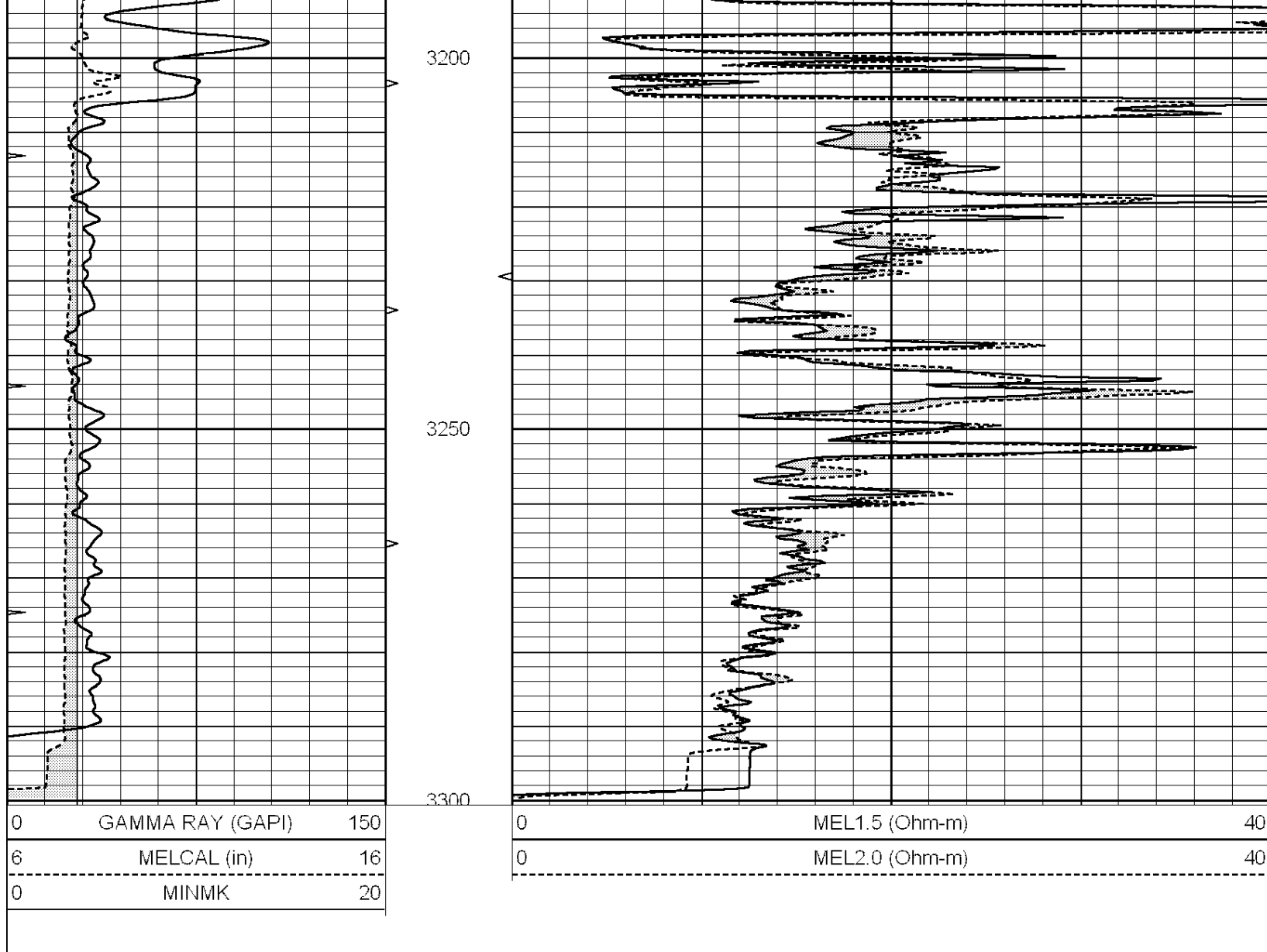
Database File: 008500ddn.db
 Dataset Pathname: pass4.3
 Presentation Format: micro
 Dataset Creation: Sun Mar 18 14:50:16 2012 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240



3100

3150





Calibration Report

Database File: 008500ddn.db
 Dataset Pathname: pass5.1
 Dataset Creation: Sun Mar 18 15:24:06 2012 by Calc Open-Cased 090629

MICRO Calibration Report

Serial Number: MICRO4
 Tool Model: PROBE
 Performed: Sat Jun 18 17:20:11 2011

Caliper Calibration: Gain=2.242 Offset=-4.519
 References Low Cal High Cal
 Readings 7.800 14.000
 5.449 8.214

1.5" Calibration: Gain=40.000 Offset=-0.500
 References Low Cal High Cal
 Readings 0.000 20.000
 0.009 1.541

2" Calibration: Gain=50.000 Offset=0.200
 References Low Cal High Cal
 Readings 0.000 20.000

Reference:	0.000	20.000
Readings	0.004	1.198

Gamma Ray Calibration Report

Serial Number:	GR5	
Tool Model:	OPEN	
Performed:	Wed Mar 14 02:10:41 2012	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.6400	GAPI/cps