

Job No. 14771
 Company U.S. GEOLOGICAL SURVEY
 Well SDSW
 Field CHULA VISTA
 County SAN DIEGO State CA

Location:
 3066 N. 2nd Ave
 GPS: N32°39.547' W117°06.125'
 Sec. Twp. Rge.
 Other Services:
 ELOG SONIC/CMDL CALIPER

Permanent Datum	G.L.		Elevation above perm. datum	Elevation
Log Measured From	G.L.	0'		K.B. D.F. G.L.
Drilling Measured From	G.L.			
Date		7/20/2009		
Run Number		ONE		
Depth Driller		2000'		
Depth Logger		2003'		
Bottom Logged Interval		2002'		
Top Log Interval		0'		
Casing Driller		N/A		
Casing Logger		N/A		
Bit Size		7 7/8" @ 0-1728'	6 1/4" @ 1728-1821'	6 1/8" @ 1841-2000'
Type Fluid in Hole		BENTONITE		
Density / Viscosity		N/A		
pH / Fluid Loss		N/A		
Source of Sample		PIT		
Rm @ Meas. Temp		4.1 @ 77F		
Rmf @ Meas. Temp		4.5 @ 77F		
Rmc @ Meas. Temp		N/A		
Source of Rmf / Rmc		MEAS		
Rm @ BHT		N/A		
Time Circulation Stopped		3 HOURS		
Time Logger on Bottom		5:15 PM		
Max. Recorded Temperature		N/A		
Equipment Number		PS-1		
Location		L.A.		
Recorded By		ABREAU		
Witnessed By		A. BROWN		

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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

Gamma Ray Calibration Report

Serial Number: 13
 Tool Model: GROH
 Performed: Mon Sep 29 14:35:52 2008
 Calibrator Value: 162 GAPI

Background Reading: 36.9056
 Calibrator Reading: 160.261
 Sensitivity: 1.31328

GAPI/

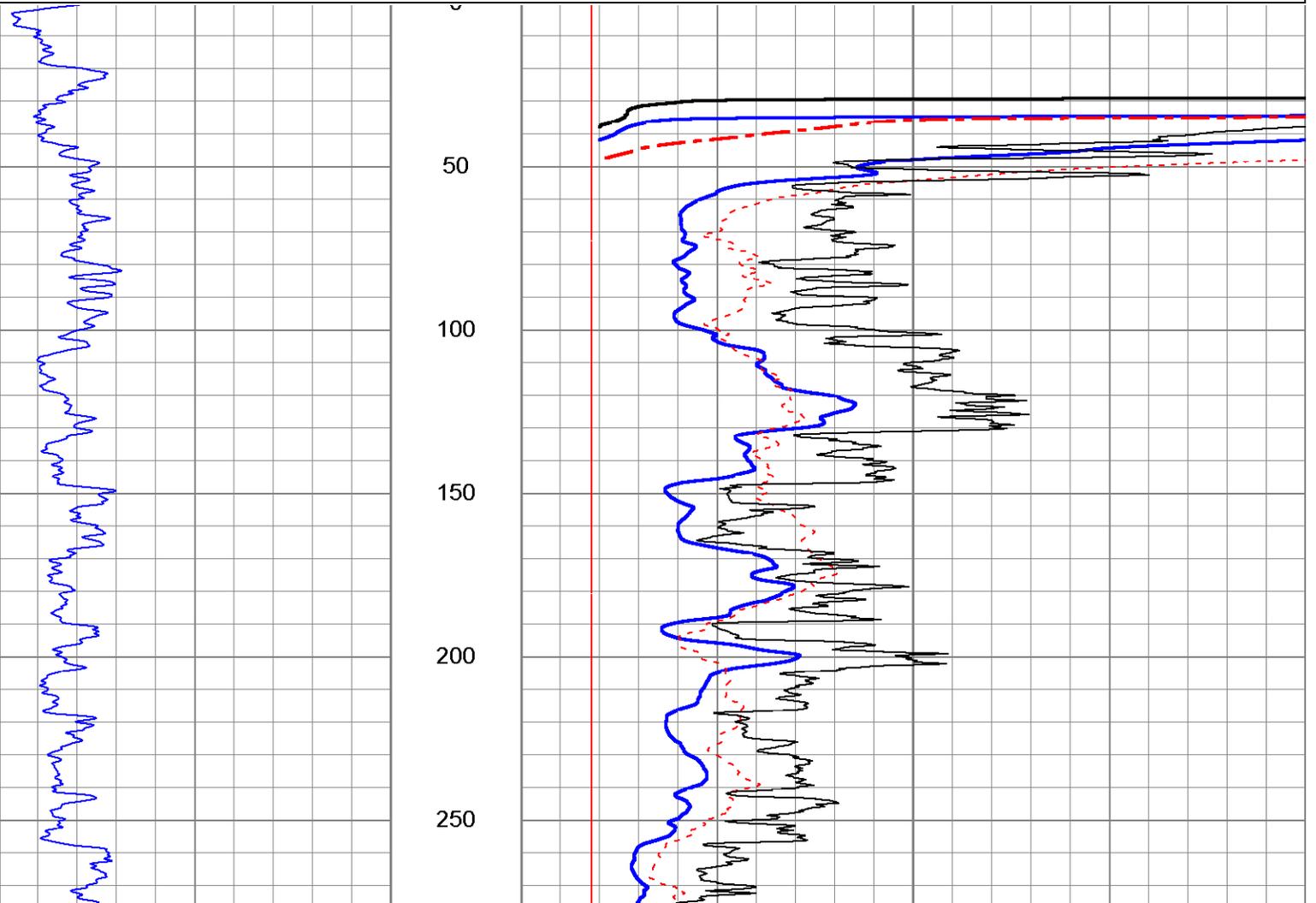
Simplec Long Guard Calibration Report

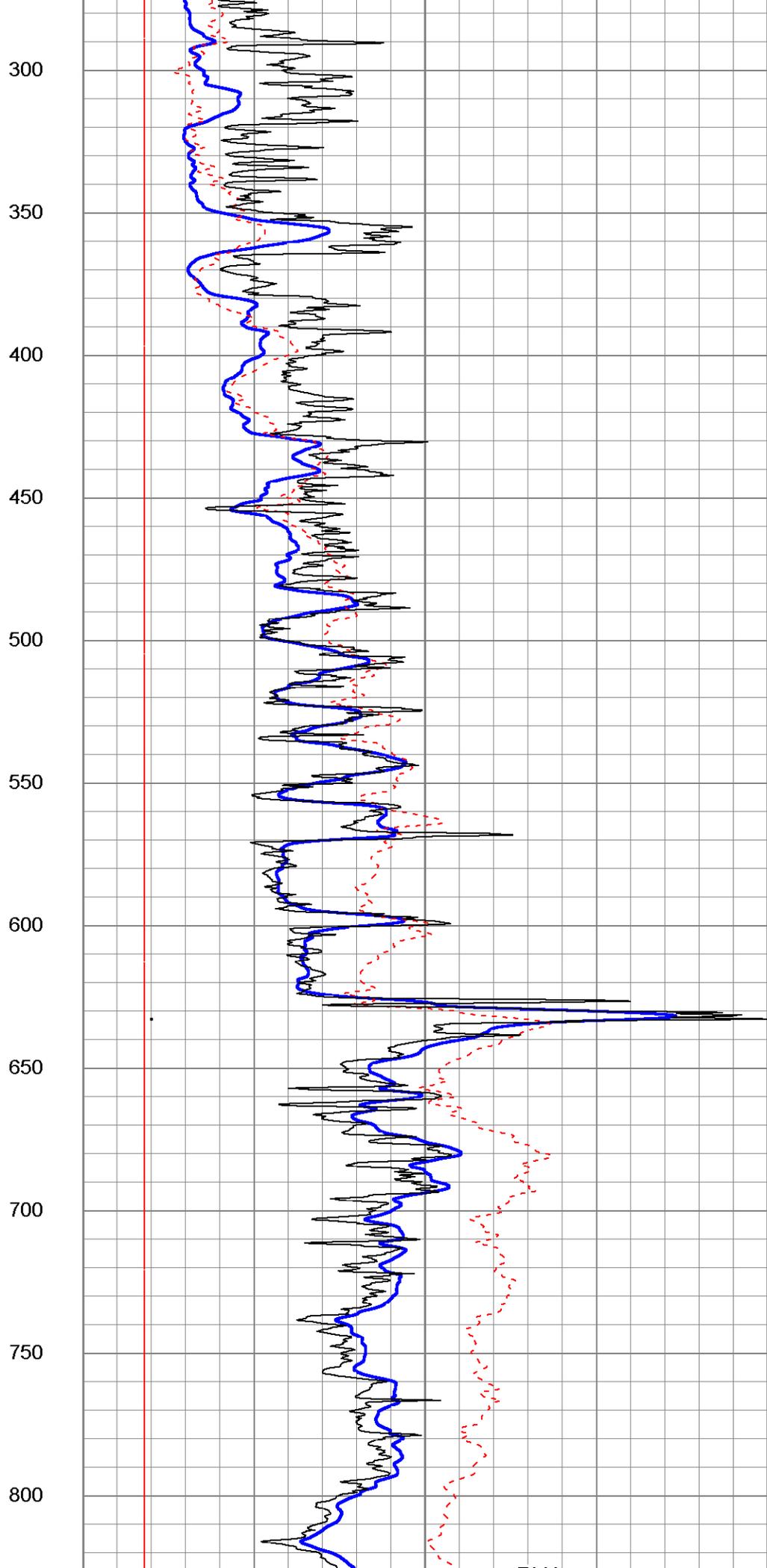
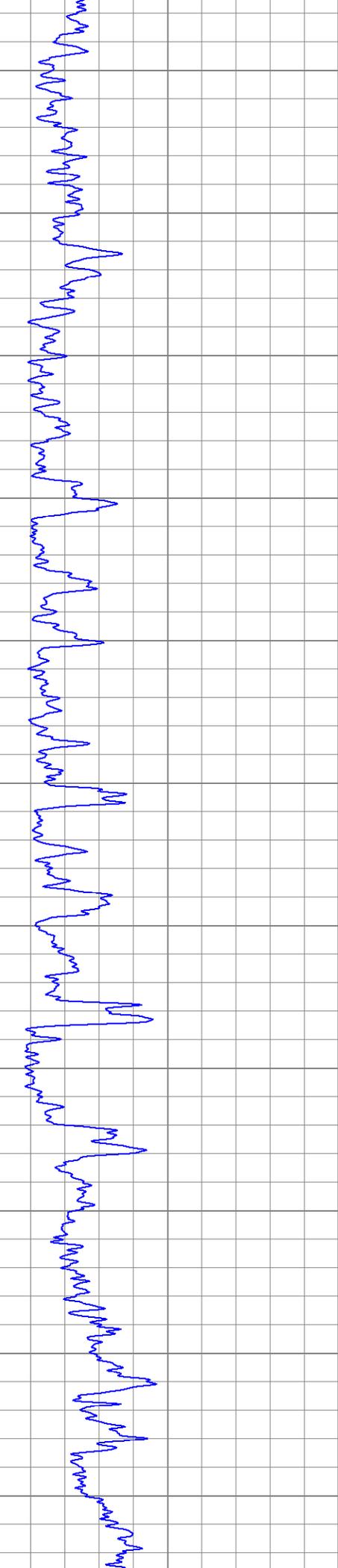
Serial Number: 81
 Tool Model: M&W
 Performed: Wed Jan 28 14:45:28 2009

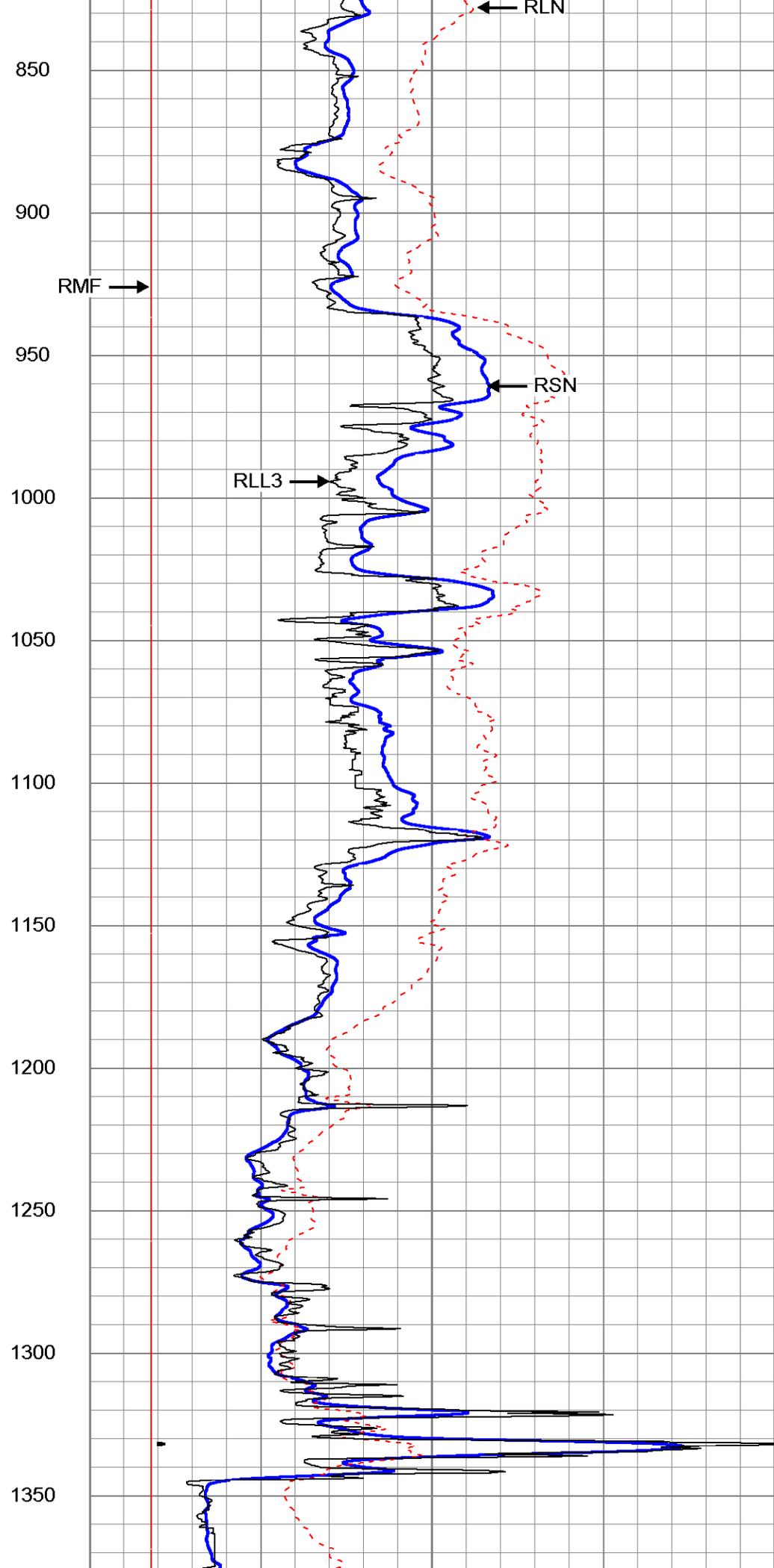
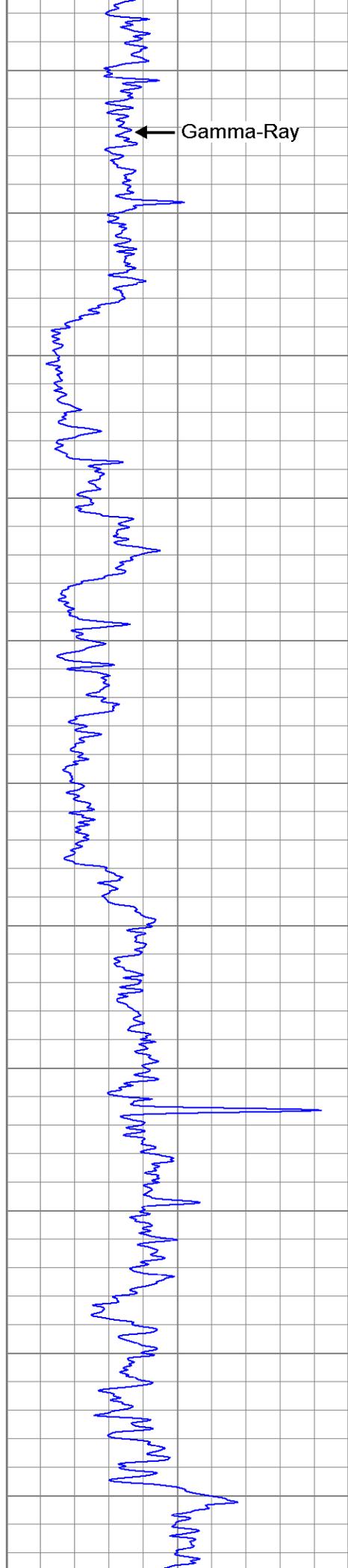
System Reading	Calibration Reference
0.306	2.500 Ohm-m
0.605	5.000
6.015	50.000
28.373	250.000
56.371	500.000

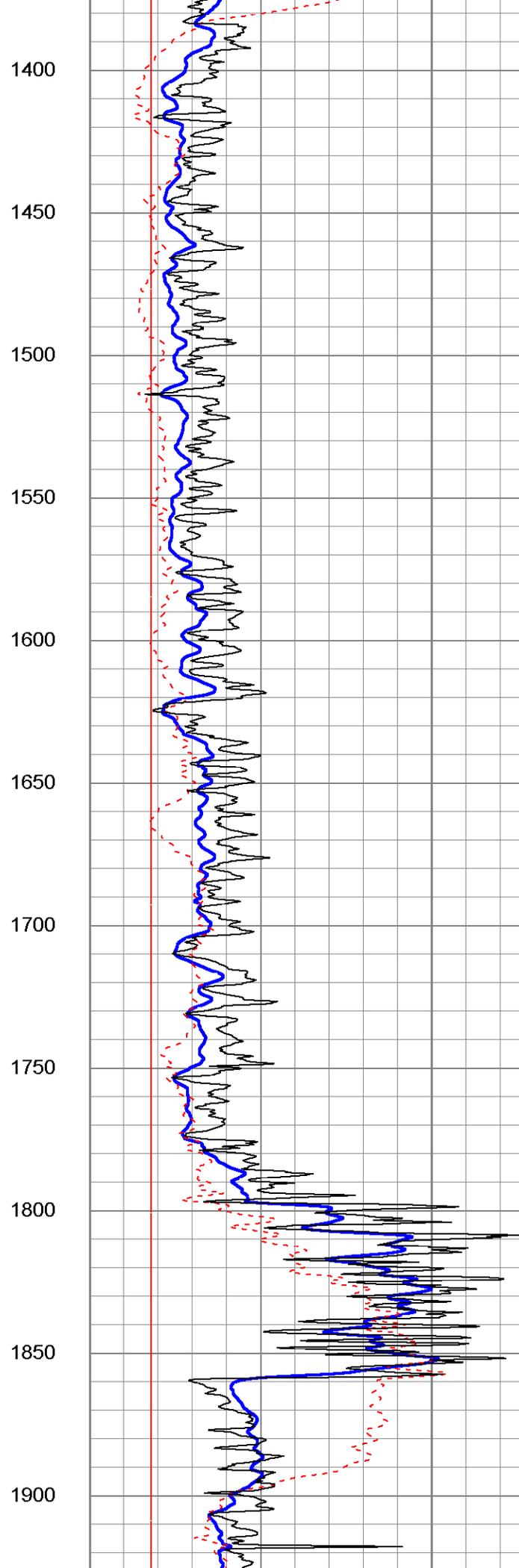
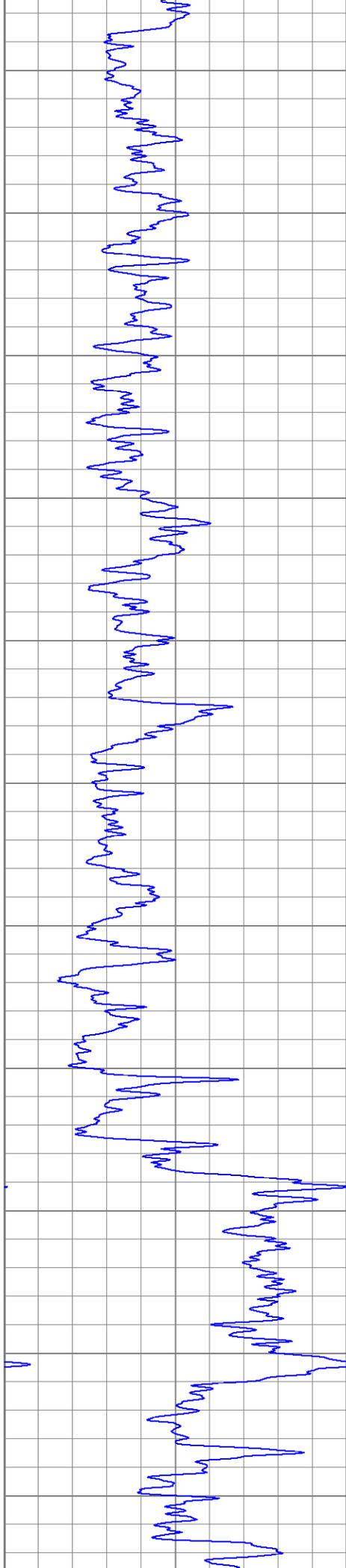
Database File: 14771.db
 Dataset Pathname: LL3
 Presentation Format: GUARD
 Dataset Creation: Mon Jul 20 18:39:25 2009 by Log Warrior Version 6.6
 Charted by: Depth in Feet scaled 1:600

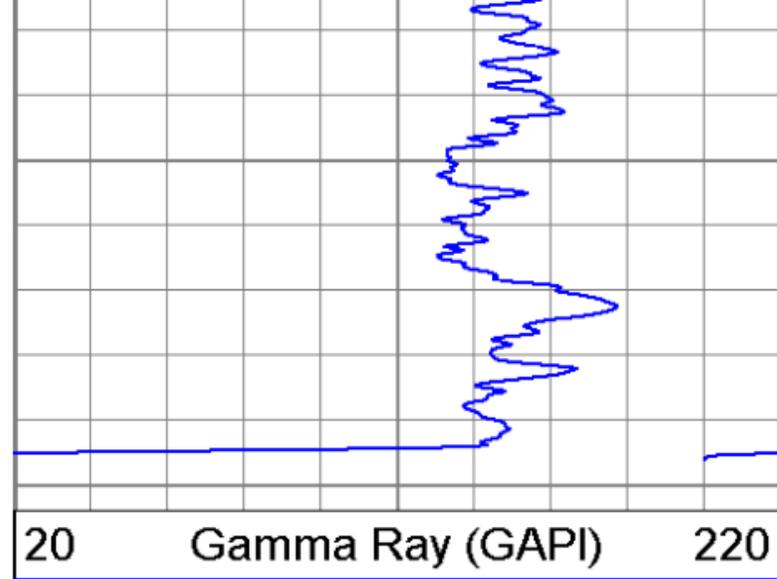
20	Gamma Ray (GAPI)	220	0	RSN (Ohm-m)	50
			0	RLN (Ohm-m)	50
			0	RMF (Ohm-m)	50
			0	RLL3 (Ohm-m)	50
			50	RLL3 x 10 (Ohm-m)	500
			50	RSN x 10 (Ohm-m)	500
			50	RLN x 10 (Ohm-m)	500











1950

2000

