PACIFIC SURVEYS

LATEROLOG 3
GAMMA-RAY

Job No.
17596

File No.

Company US GEOLOGICAL SURVEY
Well TMVC
Field TEMECULA
County RIVERSIDE State CA

Location:

36601 WINNER'S CIRCLE
GPS: N 33o 30' 01" W 117o 00' 57"

Sec. Twp. Rge.

Other Services:

GR/ELOG
SONIC/VDL
CALIPER

Permanent Datum	G.L.		Elevation 1263' above perm. datum	Elevation
Log Measured From	G.L.	0'		K.B.
Drilling Measured From	G.L.			D.F.
				G.L.

Date	08-24-2013		
Run Number	ONE		
Depth Driller	1033'		
Depth Logger	1030.5'		
Bottom Logged Interval	1030.5'		
Top Log Interval	0'		
Casing Driller	16" @ 59'		
Casing Logger	59'		
Bit Size	12.25 (59'-340')	9.875 (340'-952')	7.875" (952'-1030')
Type Fluid in Hole	BENTONITE		4.5" (1030'-1033')
Density / Viscosity	N/A		
pH / Fluid Loss	N/A		
Source of Sample	PIT		
Rm @ Meas. Temp	3.70 @ 77F		
Rmf @ Meas. Temp	3.44 @ 77F		
Rmc @ Meas. Temp	N/A		
Source of Rmf / Rmc	MEASURE		
Rm @ BHT	N/A		
Time Circulation Stopped	1600		
Time Logger on Bottom	1945		
Max. Recorded Temperature	N/A		
Equipment Number	PS-5		
Location	LA		
Recorded By	SCHUMACHER		
Witnessed By	--		

<<< Fold Here >>>

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

Calibration Report

Database File 17596.db
Dataset Pathname LL3
Dataset Creation Sat Aug 24 20:47:12 2013

Gamma Ray Calibration Report

Serial Number:	12	
Tool Model:	GROH	
Performed:	Wed Jan 02 12:20:51 2013	
Calibrator Value:	162.0	GAPI
Background Reading:	54.1	
Calibrator Reading:	193.3	
Sensitivity:	1.1641	GAPI/

RLL3 (Resistivity Laterolog 3) Calibration Report:

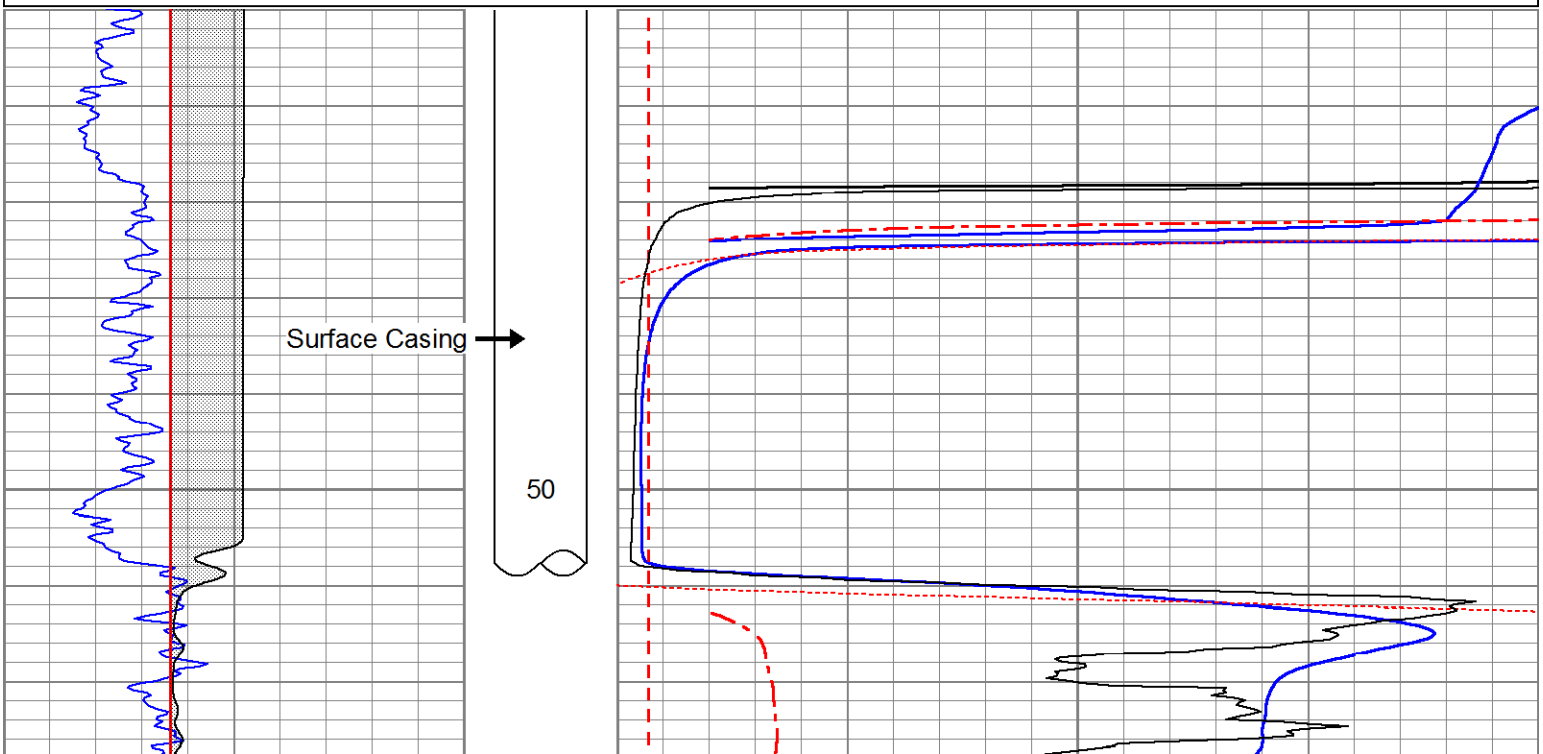
Serial Number:	130	
Tool Model:	M&W	
Performed:	Wed Jan 02 14:38:35 2013	

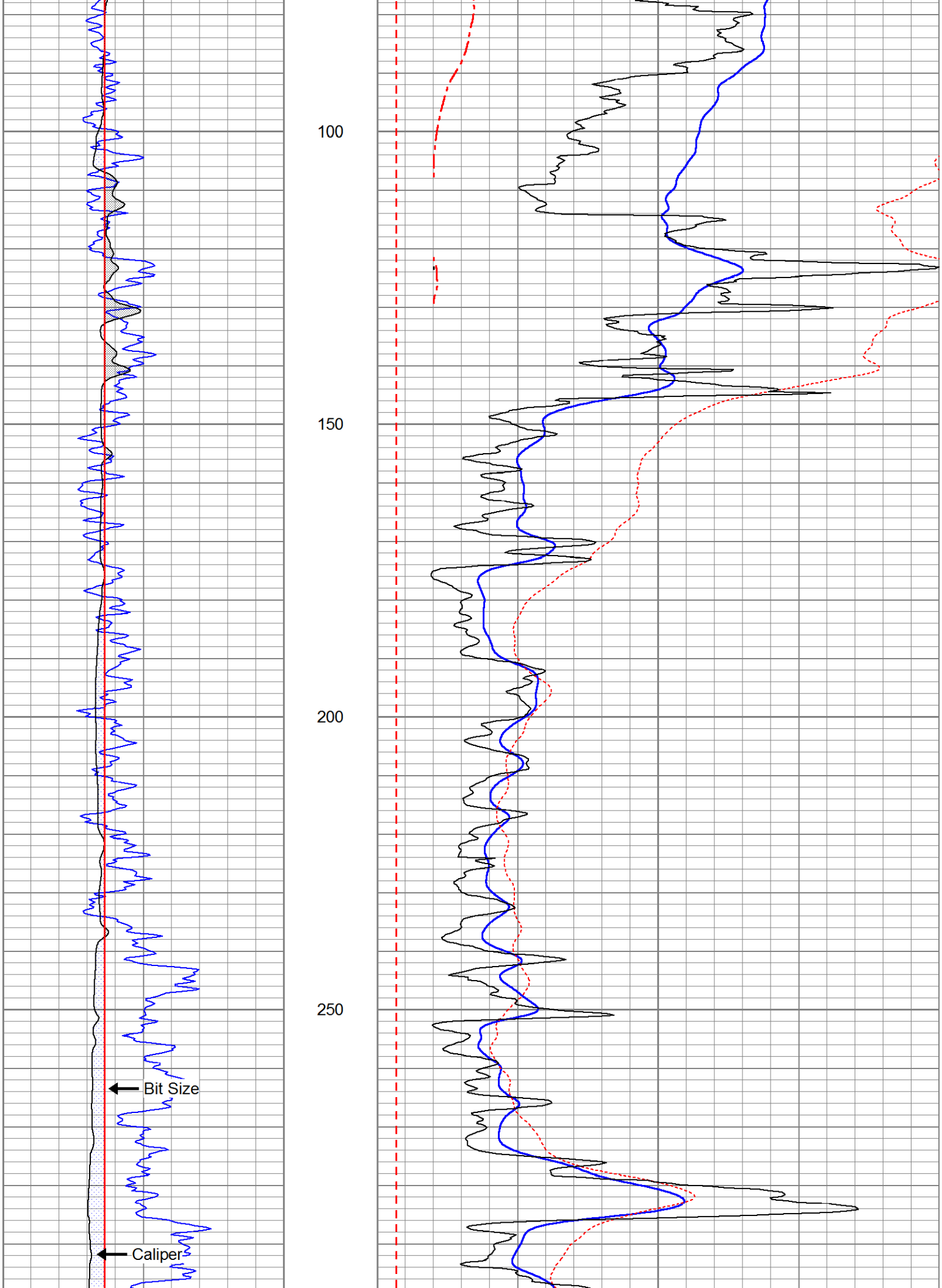
System Reading	Calibration Reference	
0.003	2.500	Ohm-m
0.007	5.000	
0.068	50.000	
0.358	250.000	
0.707	500.000	

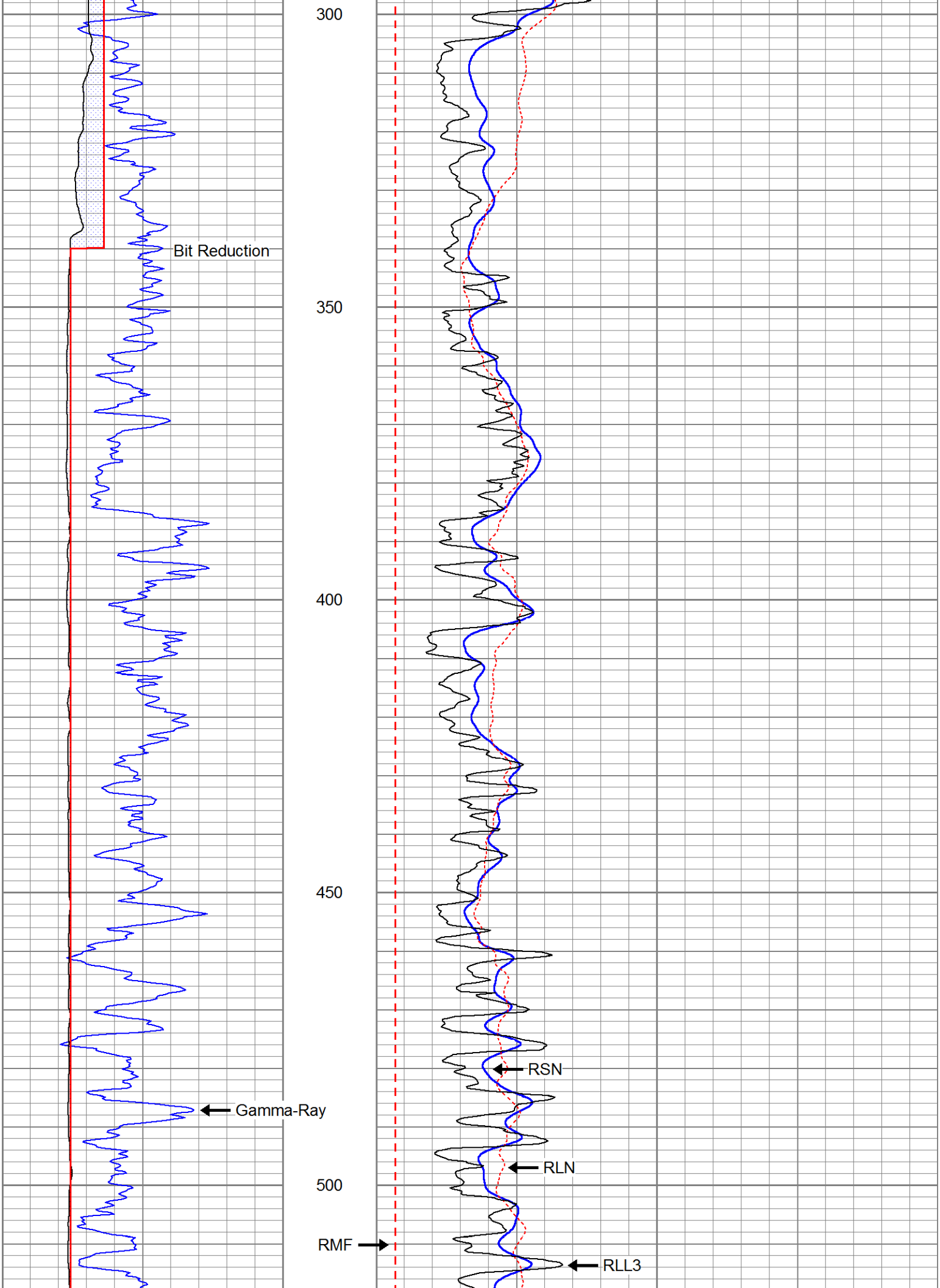
Database File	17596.db
Dataset Pathname	LL3
Presentation Format	guard
Dataset Creation	Sat Aug 24 20:47:12 2013
Charted by	Depth in Feet scaled 1:240

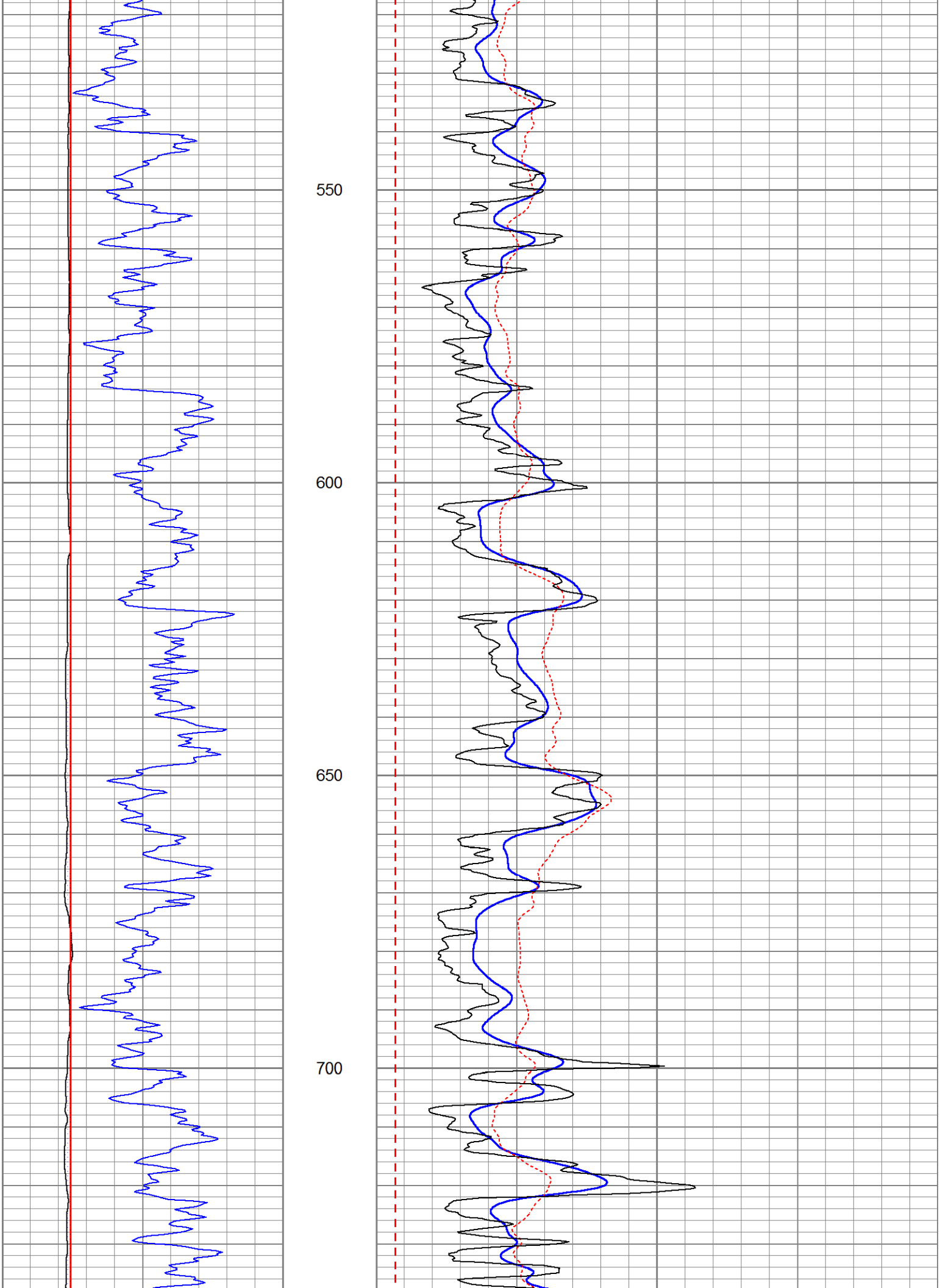
10	Gamma-Ray (GAPI)	110
5	Caliper (in)	25
5	Bit Size (in)	25

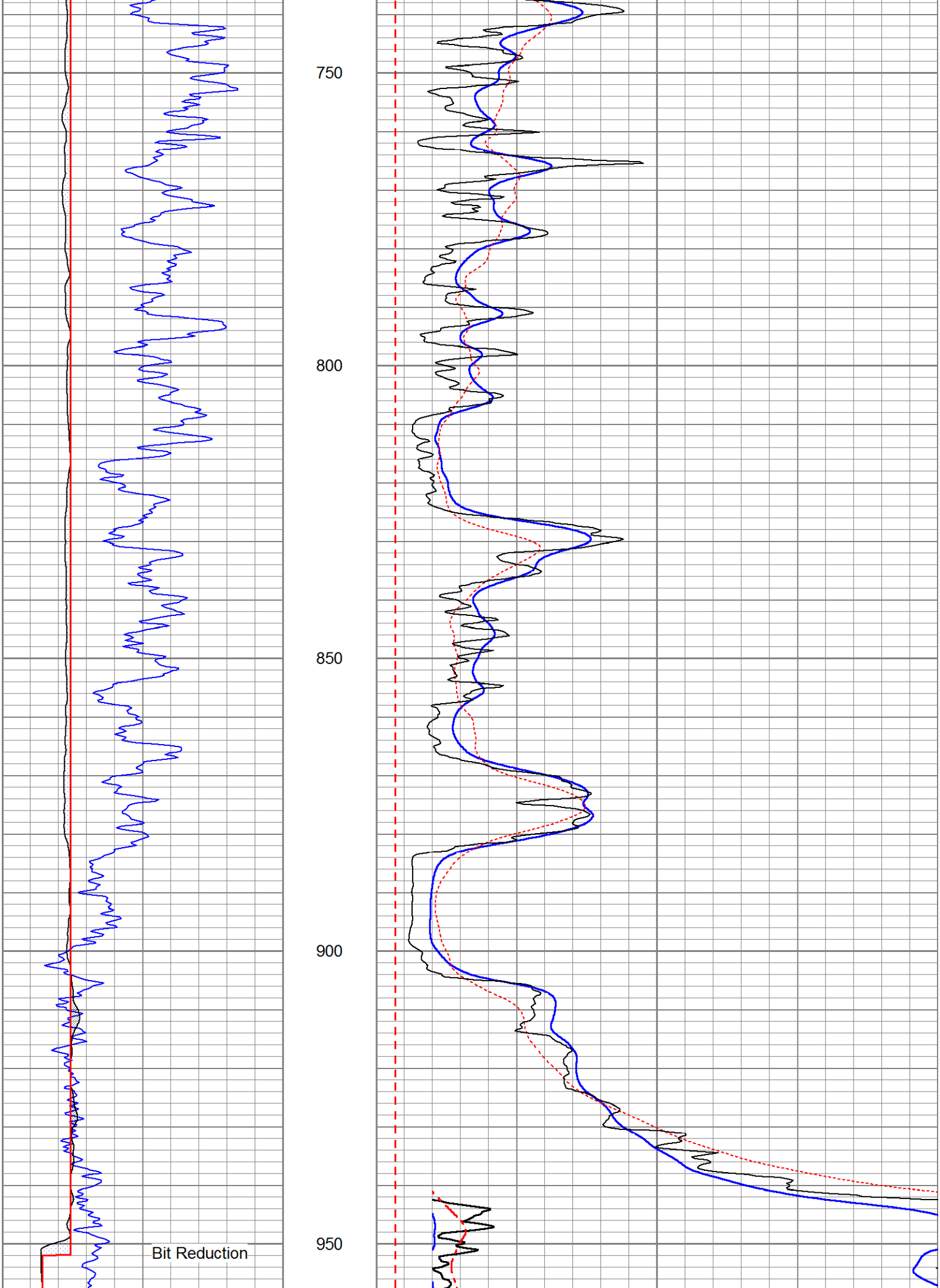
0	RSN (Ohm-m)	100
0	RLN (Ohm-m)	100
0	RMF (Ohm-m)	100
0	RLL3 (Ohm-m)	100
100	RLL3 x 10 (Ohm-m)	1000
100	RSN x 10 (Ohm-m)	1000
100	RLN x 10 (Ohm-m)	1000

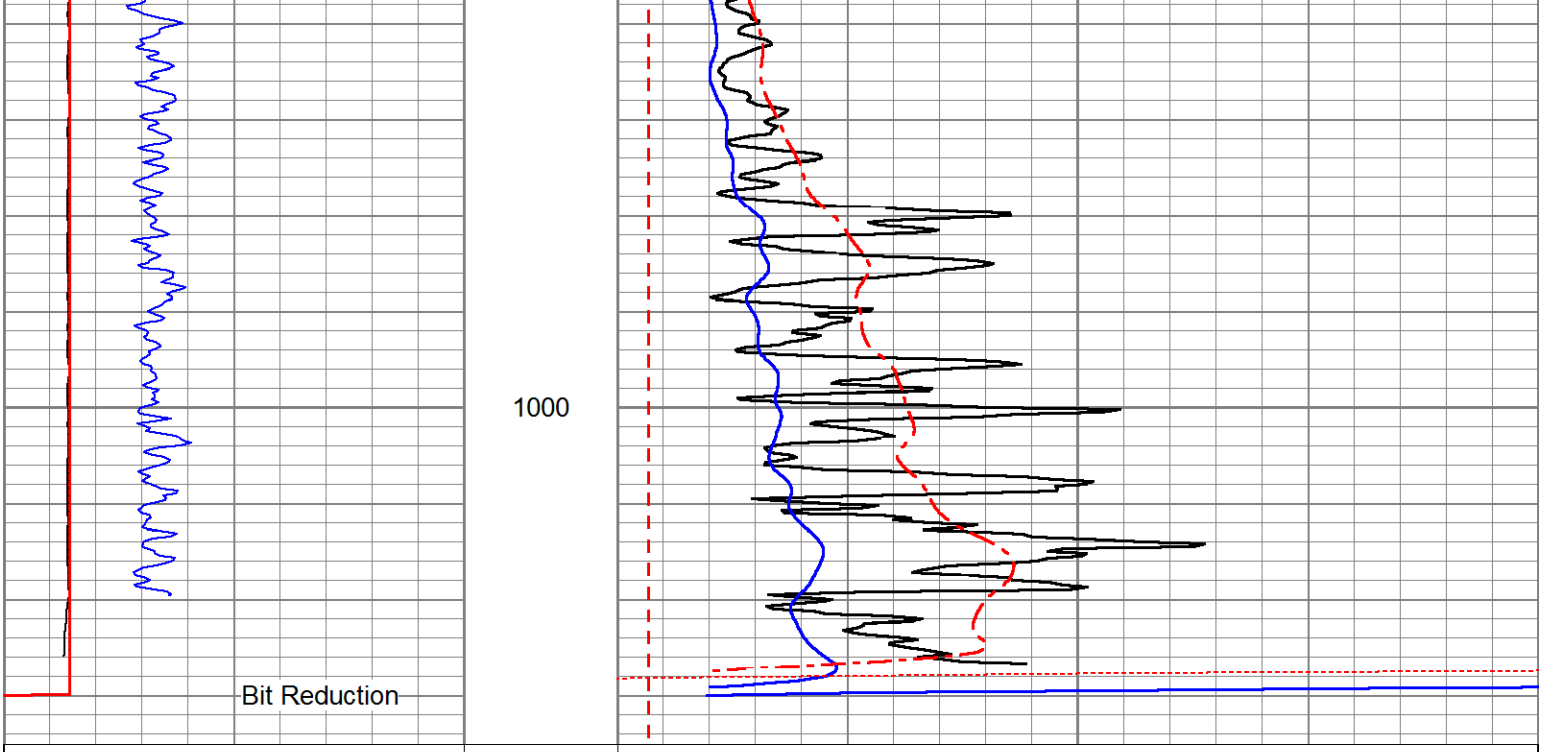



100
150
200
250
Bit Size
Caliper


300
Bit Reduction
350
400
450
Gamma-Ray
RSN
RLN
500
RMF
RLL3


550
600
650
700


750
800
850
900
950
Bit Reduction



10	Gamma-Ray (GAPI)	110
5	Caliper (in)	25
5	Bit Size (in)	25

0	RSN (Ohm-m)	100
0	RLN (Ohm-m)	100
0	RMF (Ohm-m)	100
0	RLL3 (Ohm-m)	100
100	RLL3 x 10 (Ohm-m)	1000
100	RSN x 10 (Ohm-m)	1000
100	RLN x 10 (Ohm-m)	1000