PACIFIC SURVEYS

LATEROLOG 3
GAMMA RAY

Job No.
15538

File No.

Company	U.S. GEOLOGICAL SURVEY
Well	SDSY
Field	SAN DIEGO
County	SAN DIEGO State CA

Location:

GPS:N33o05.240' W116o58.492'

Sec. Twp. Rge.

Other Services:

ELOG
SONIC/VDL
CALIPER

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

Date	10/16/2010		
Run Number	ONE		
Depth Driller	350'		
Depth Logger	350'		
Bottom Logged Interval	350'		
Top Log Interval	30'		
Casing Driller	N/A		
Casing Logger	N/A		
Bit Size	7.875"		
Type Fluid in Hole	BENTONITE		
Density / Viscosity	N/A		
pH / Fluid Loss	N/A		
Source of Sample	PIT		
Rm @ Meas. Temp	4.8 @ 77F		
Rmf @ Meas. Temp	5.3 @ 77F		
Rmc @ Meas. Temp	N/A		
Source of Rmf / Rmc	MEASURE		
Rm @ BHT	N/A		
Time Circulation Stopped	3 HOURS		
Time Logger on Bottom	7:30 PM		
Max. Recorded Temperature	N/A		
Equipment Number	PS-1		
Location	L.A.		
Recorded By	ABREAU		
Witnessed By	AJOS		

<<< 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

Resistivities from 230' to 350' above calibratin range for the LL3.

Calibration Report

Database File: 15538.db
Dataset Pathname: ll3
Dataset Creation: Sat Oct 16 19:50:36 2010 by Log Open-Cased 090629

Gamma Ray Calibration Report

Serial Number:	12	
Tool Model:	GROH	
Performed:	Sat Jun 26 17:34:24 2010	
Calibrator Value:	162.0	GAPI
Background Reading:	55.8	
Calibrator Reading:	203.8	
Sensitivity:	1.0948	GAPI/

RLL3 (Resistivity Laterolog 3) Calibration Report:

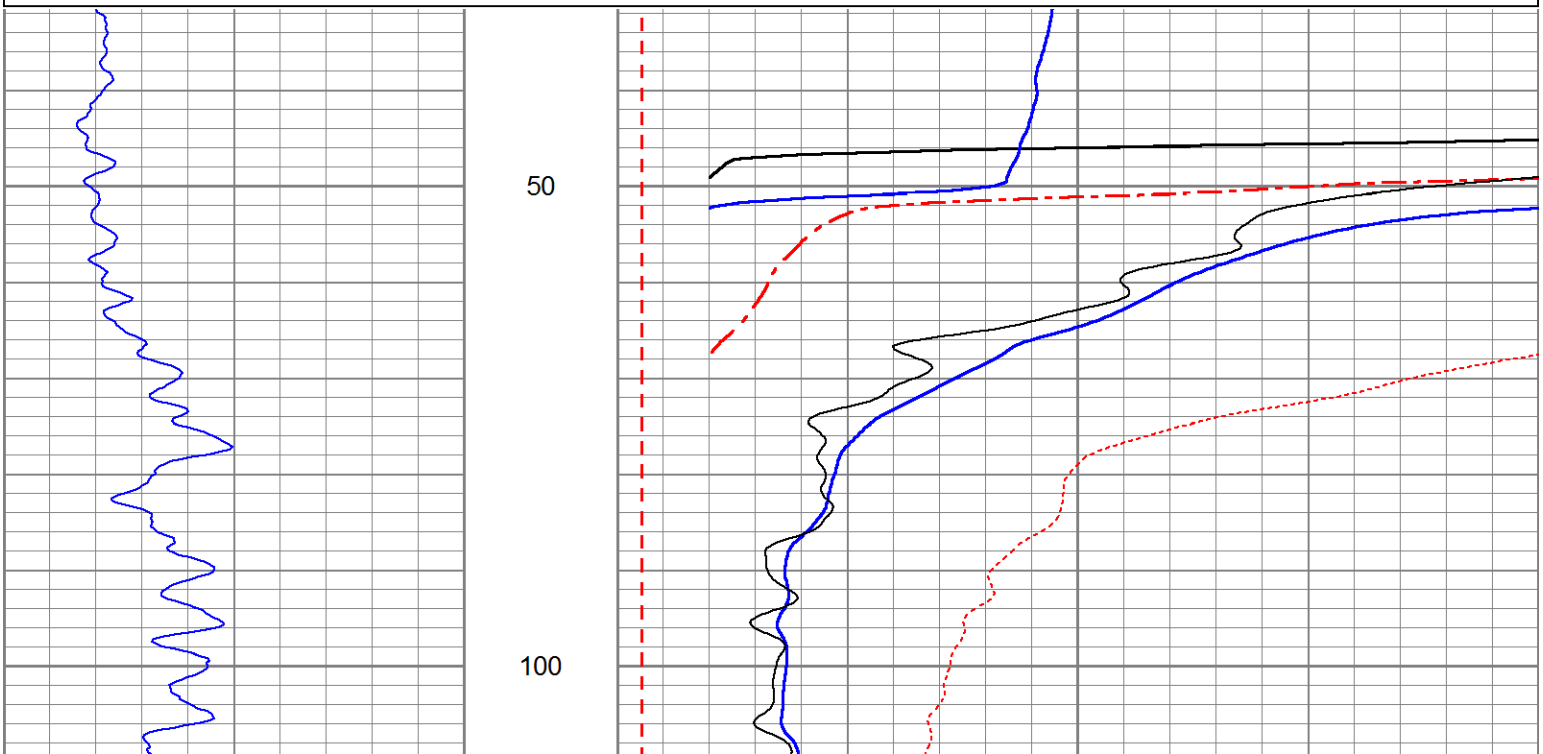
Serial Number:	81
Tool Model:	M&W
Performed:	Mon Apr 12 14:58:23 2010

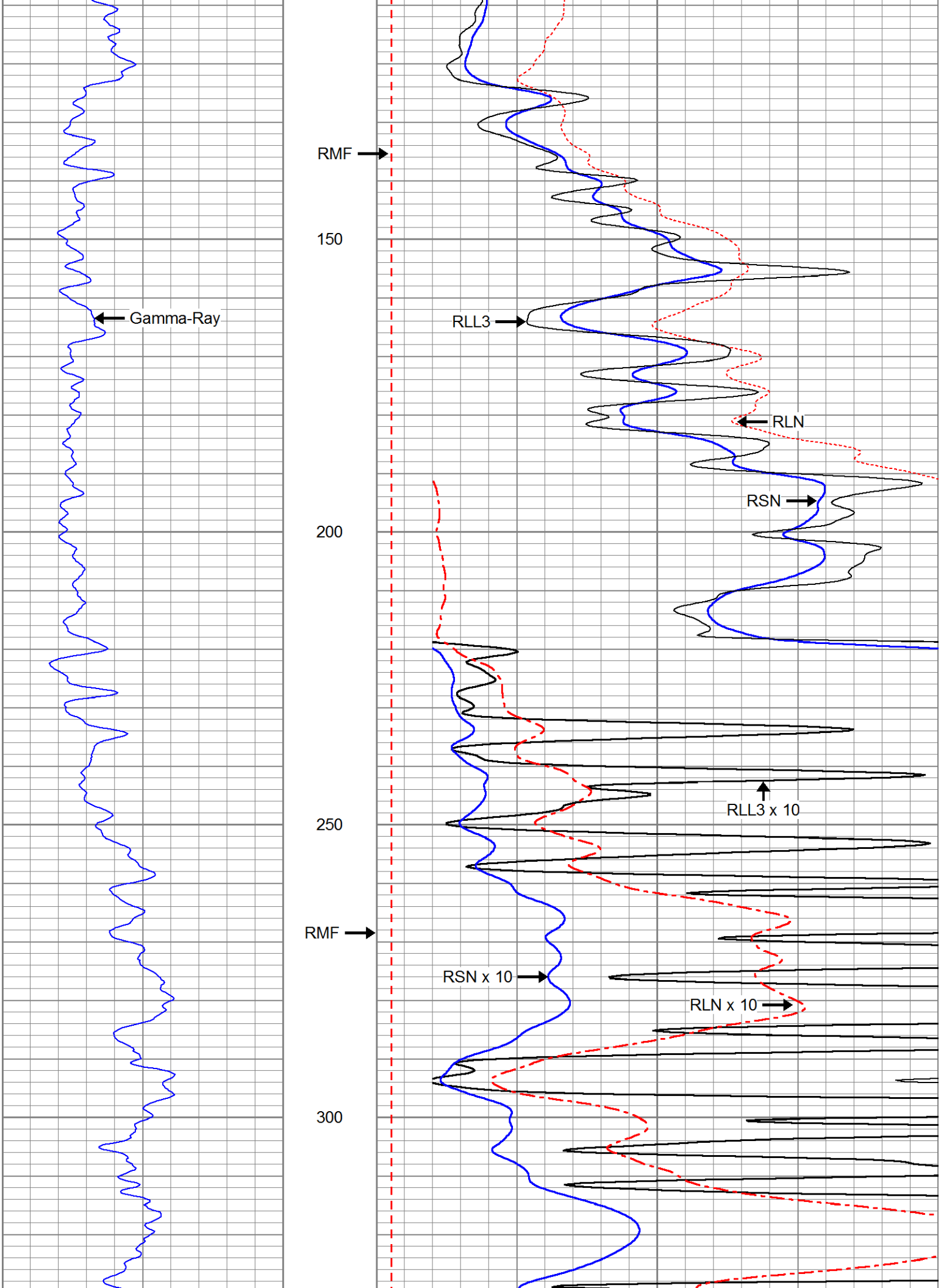
System Reading	Calibration Reference	
0.022	2.500	Ohm-m
0.041	5.000	
0.378	50.000	
1.832	250.000	
3.510	500.000	

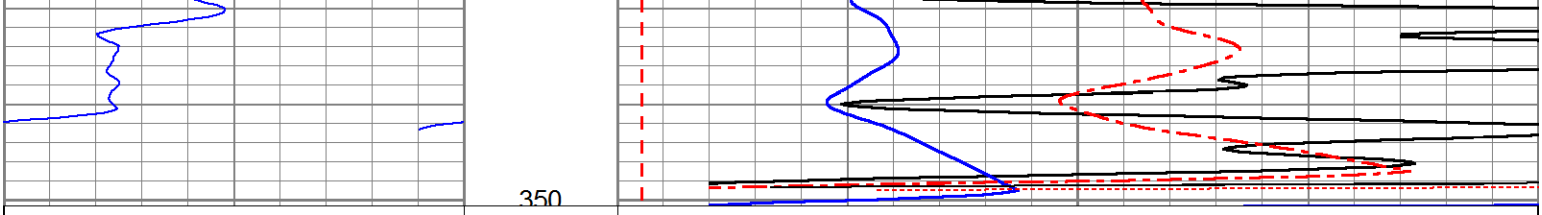
Database File:	15538.db
Dataset Pathname:	ll3
Presentation Format:	guard
Dataset Creation:	Sat Oct 16 19:50:36 2010 by Log Open-Cased 090629
Charted by:	Depth in Feet scaled 1:240

10	Gamma-Ray (GAPI)	110

0	RSN (Ohm-m)	200
0	RLN (Ohm-m)	200
0	RMF (Ohm-m)	200
0	RLL3 (Ohm-m)	200
200	RLL3 x 10 (Ohm-m)	2000
200	RSN x 10 (Ohm-m)	2000
200	RLN x 10 (Ohm-m)	2000




Gamma-Ray
RMF
150
RLL3
RLN
RSN
200
RLL3 x 10
250
RMF
RSN x 10
RLN x 10
300



10	Gamma-Ray (GAPI)	110
0	RSN (Ohm-m)	200
0	RLN (Ohm-m)	200
0	RMF (Ohm-m)	200
0	RLL3 (Ohm-m)	200
200	RLL3 x 10 (Ohm-m)	2000
200	RSN x 10 (Ohm-m)	2000
200	RLN x 10 (Ohm-m)	2000