

COMPANY		WELL		FIELD/BLOCK		STATE		COUNTRY		<b>INDUCCION</b> <b>GAMMA RAY - CALIPER</b> <b>ESC. 1:1000</b>	
Permanent Datum		N.D.T.		Elev. 1023.24 m		Elev. K.B.		1029.14 m			
Log measured from		N.D.T.		above perm. Datum		D.F.		1028.84 m			
Drilling measured from		NIVEL DE TERRENO				G.L.		1023.24 m			
Date		16-Sep-14									
Run No.		3-4									
Depth - Driller		2946.000 m									
Depth - Logger		2935.00 m									
Bottom - Logged Interval		2932.98 m									
Top - Logged Interval		2350.00 m									
Casing - Driller		7.000 in @ 2406.12 m									
Casing - Logger		2405.50 m									
Bit Size		6.125 in									
Type Fluid In Hole		KLA-SHIELD									
Density		1350 kg/m3		70.000 segAPI							
PH		10.00 pH		5.0 cpth							
Source of Sample		ULTIMA CIRCULADA									
Rm @ Meas. Temperature		0.59 ohmm @ 76.00 degF									
Rmf @ Meas. Temperature		0.45 ohmm @ 76.00 degF									
Rmc @ Meas. Temperature		1.00 ohmm @ 76.00 degF									
Source Rmf		PRENS. BAR		PRENS. BAR							
Rm @ BHT		0.20 ohmm @ 237.0 degF									
Time Since Circulation		19.0000 hr									
Time on Bottom		16-Sep-14 15:45									
Max. Rec. Temperature		237.0 degF @ 2935.00 m									
Equipment		Location									
Recorded By											
Witnessed By											

Fold here

Service Ticket No.: N/A		API Serial No.:		PGM Version:				
CHANGE IN MUD TYPE OR ADDITIONAL SAMPLE				RESISTIVITY SCALE CHANGES				
Date	Sample No.			Type Log	Depth	Scale Up Hole	Scale Down Hole	
Depth-Driller								
Type Fluid in Hole								
Density	Viscosity							
Ph	Fluid Loss							
Source of Sample				RESISTIVITY EQUIPMENT DATA				
Rm @ Meas. Temp		@	@	Run No.	Tool Type & No.	Pad Type	Tool Pos.	Other
Rmf @ Meas. Temp.		@	@	4		N/A	CENT.	S.O: 1.5 in
Rmc @ Meas. Temp.		@	@					
Source Rmf	Rmc							
Rm @ BHT		@	@					
Rmf @ BHT		@	@					
Rmc @ BHT		@	@					
EQUIPMENT DATA								
GAMMA		ACOUSTIC		DENSITY		NEUTRON		
Run No.		Run No.		Run No.		Run No.		
Serial No.		Serial No.		Serial No.		Serial No.		
Model No.		Model No.		Model No.		Model No.		
Diameter		No. of Cent.	2	Diameter		Diameter		
Detector Model No.		Spacing		Log Type		Log Type		
Type				Source Type		Source Type		
Length		LSA [Y/N]	Y	Serial No.		Serial No.		
Distance to Source		FWDA [Y/N]	Y	Strength		Strength		
LOGGING DATA								

GENERAL				GAMMA		ACOUSTIC			DENSITY			NEUTRON		
Run	Depth		Speed	Scale		Scale		Matrix	Scale		Matrix	Scale		Matrix
No.	From	To	ft/min	L	R	L	R		L	R		L	R	
1	2935.0	2405.5	10.0 m/min	0	200	140	40	47.5 uS	60	0	2.71 g/cc	60	0	Limestone

DIRECTIONAL INFORMATION

Maximum Deviation	2.20 deg	@	2946.000 m	KOP	@
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Remarks:

AHVT: VOLUMEN ANULAR DE POZO CALCULADO PARA UN CASING DE 5 in. GRAFICADO EN LA PISTA DE PROFUNDIDAD CADA 0.1 m3

BHVT: VOLUMEN TOTAL DE POZO. GRAFICADO EN LA PISTA DE PROFUNDIDAD CADA 0.1 m3

CURVAS AFECTADAS POR CONDICION DE POZO. SEGUN CURVA DE TENSION.

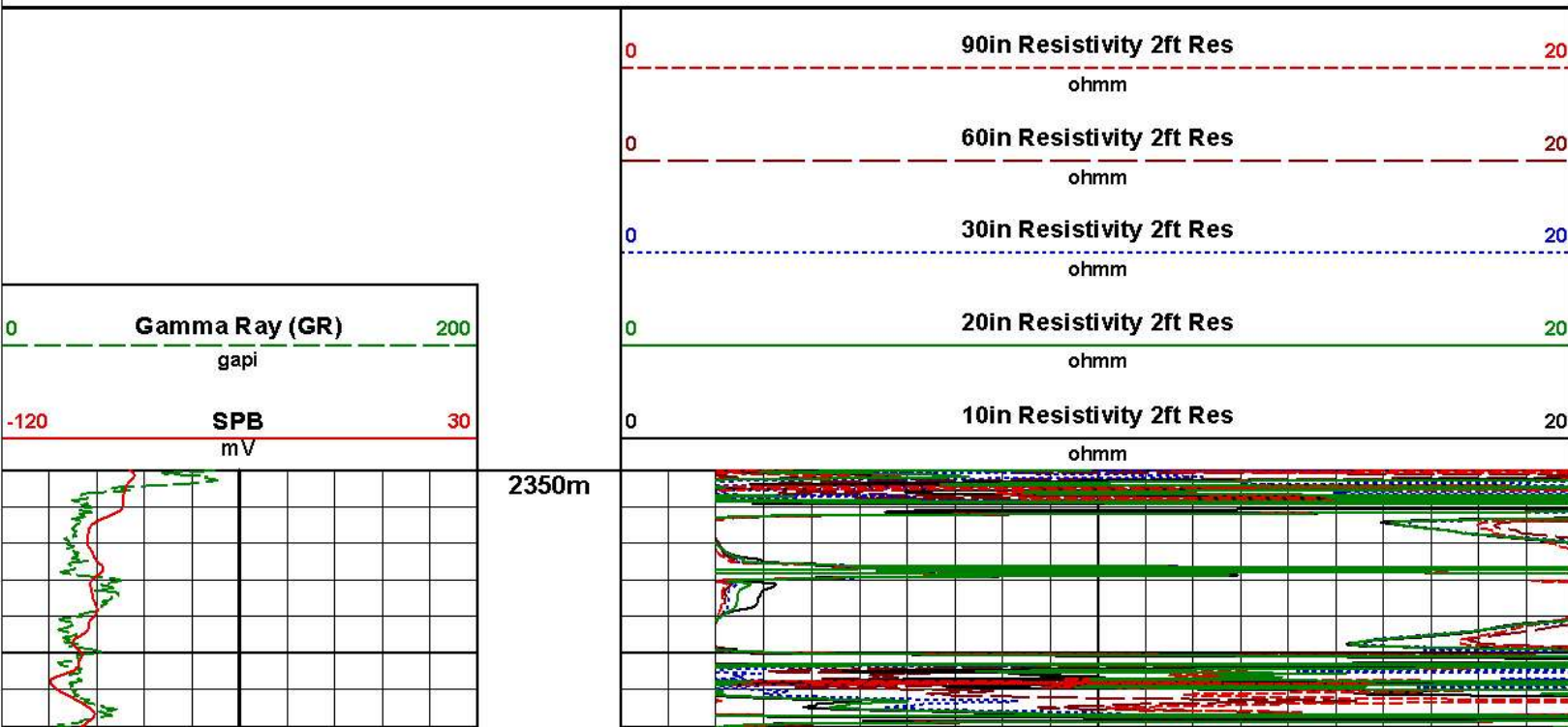
MATRIX UTILIZADA PARA CALCULO RWA: 2.71 g/cc

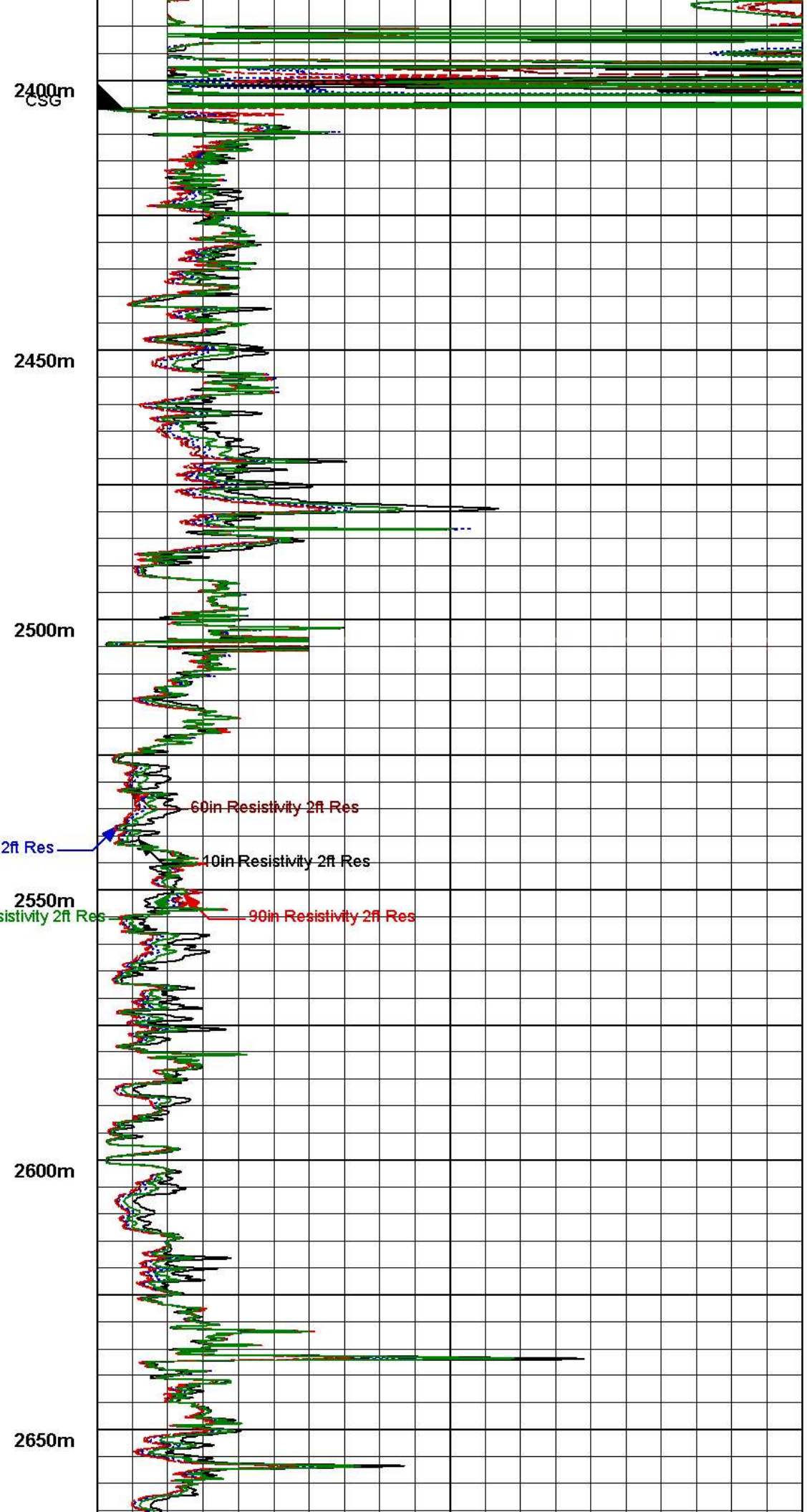
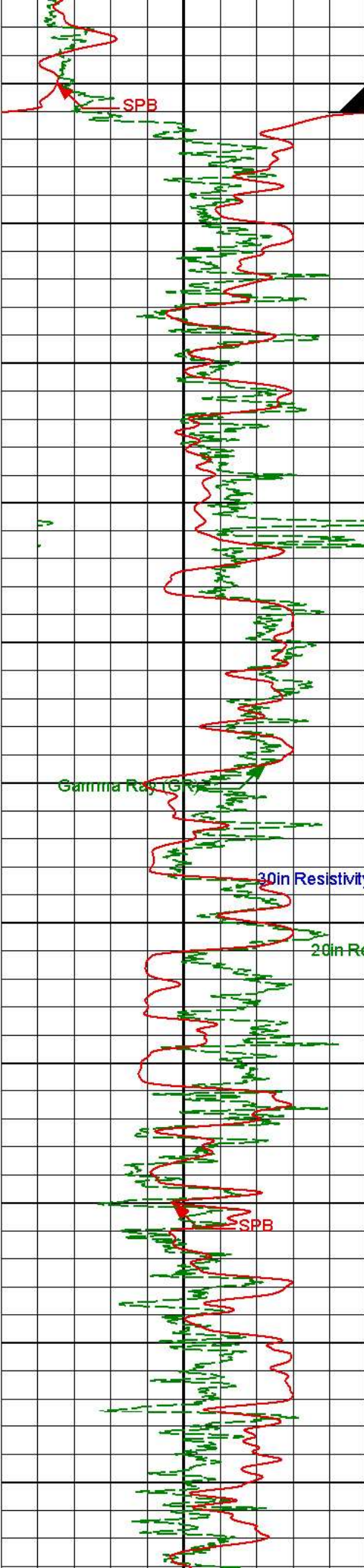
CALIPER PROMEDIO: 6.37 in

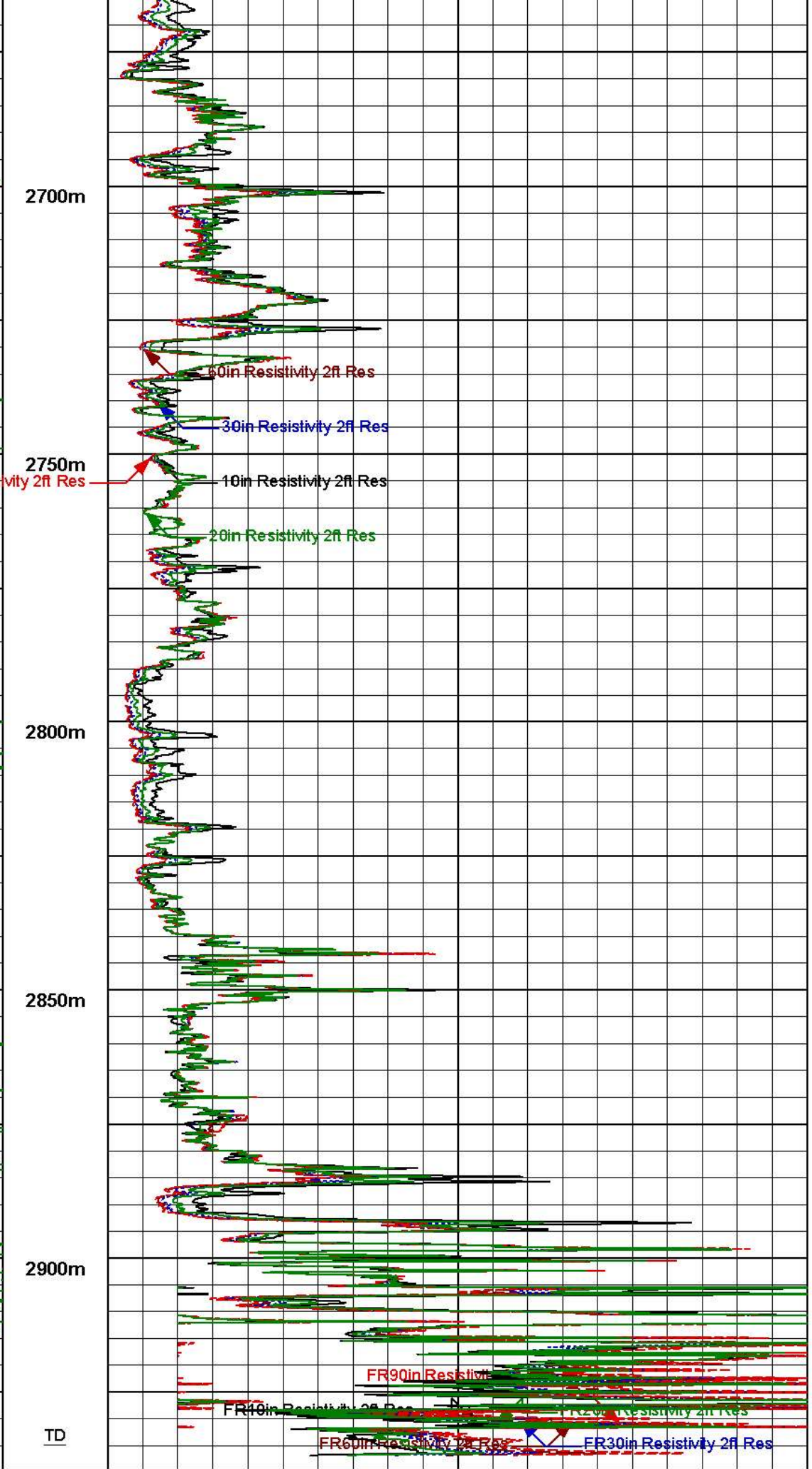
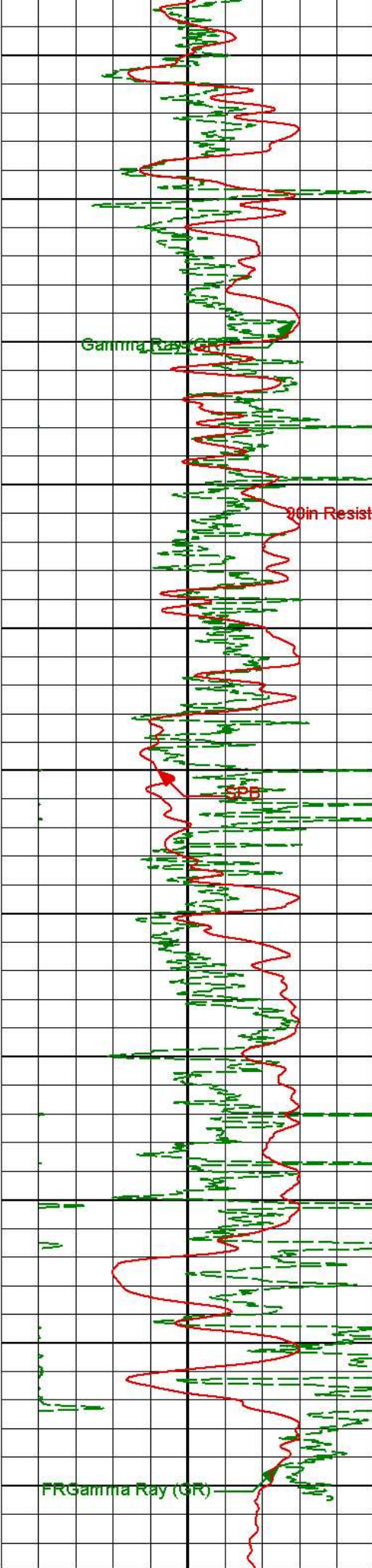
Cl: 3300 mg/l, Ca: 220 mg/l, Rm: 0.59, Rmf: 0.45, Rmc: 1.0

RIG: SAI-308

# SECCION PRINCIPAL







120	<b>SPB</b> mV	30
0	<b>Gamma Ray (GR)</b> gapi	200

0	10in Resistivity 2ft Res ohmm	20
0	20in Resistivity 2ft Res ohmm	20
0	30in Resistivity 2ft Res ohmm	20
0	60in Resistivity 2ft Res ohmm	20
0	90in Resistivity 2ft Res ohmm	20

## SECCION PRINCIPAL

COMPANY	
WELL	
FIELD	
STATE	COUNTRY
	<b>INDUCCION</b> <b>GAMMA RAY - CALIPER</b> <b>ESC. 1:1000</b>