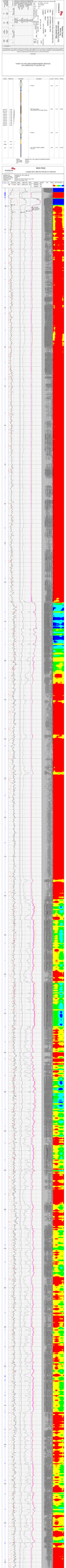
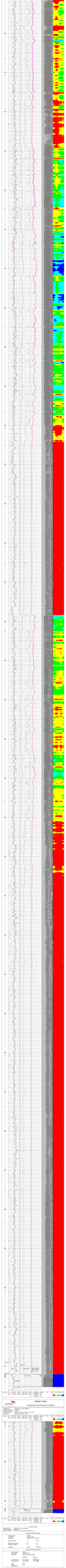

Schlumberger
Gamma Ray (GAPI)
Resistivity (OHMM)
Density (G/C3)
Neutron Porosity (V/V)
Caliper (IN)
Delta Rho (G/C3)
PE (B/E)
Depth (M)
Depth (FT)



REPEAT PASS

LOGGED WITH APPLICAT SURFACE

Company:	Petrobras
Well:	1-BRSA-1-RJS
Field:	Wildcat
Location:	Lat: 23° 0' 0.000" S, Long: 42° 0' 0.000" W
Permanent Datum:	Mean Sea Level
Log Measured From:	Rotary Table, 25 m above Permanent Datum
Drilling Measured From:	Rotary Table

Date:	15-Jan-2013		
Run Number:	ONE		
Depth Driller:	5000 m		
Schlumberger Depth:	5000 m		
Bottom Log Interval:	4998 m	Top Log Interval:	3000 m
Casing Driller Size @ Depth:	13.375 in @ 3000 m		
Casing Schlumberger:	3000 m		
Bit Size:	12.25 in		
Type Fluid in Hole:	WBM		
Density / Viscosity:	1.2 g/cm3	60 s	
PH / Fluid Loss:	9.5	4.5 cm3	
Source of Sample:	Flowline		
Rm @ Measured Temp:	0.1 @ 80 degC		
Rmf @ Measured Temp:	0.08 @ 80 degC		
Rmc @ Measured Temp:	0.12 @ 80 degC		
Rm @ BHT:	0.05 @ 120 degC		
Circulation Stopped:	15-Jan-2013		
Logger on Bottom:	15-Jan-2013		
Max Recorded Temp:	120 degC		
Equipment / Base:	3000		
Recorded By:	Schlumberger		
Witnessed By:	Petrobras		

Run Number	ONE		
Depth Driller	5000 m		
Schlumberger Depth	5000 m		
Bottom Log Interval	4998 m	Top Log Interval	3000 m
Casing Driller Size @ Depth	13.375 in @ 3000 m		
Casing Schlumberger	3000 m		
Bit Size	12.25 in		
Type Fluid in Hole	WBM		
Density / Viscosity	1.2 g/cm3	60 s	
PH / Fluid Loss	9.5	4.5 cm3	
Source of Sample	Flowline		
Rm @ Measured Temp	0.1 @ 80 degC		
Rmf @ Measured Temp	0.08 @ 80 degC		
Rmc @ Measured Temp	0.12 @ 80 degC		
Rm @ BHT	0.05 @ 120 degC		
Circulation Stopped	15-Jan-2013		
Logger on Bottom	15-Jan-2013		
Max Recorded Temp	120 degC		
Equipment / Base	3000		
Recorded By	Schlumberger		
Witnessed By	Petrobras		

Segmented Cement Bond Log Calibration Report

Serial Number:	Base	
Tool Model:	Probe	
Calibration Casing Diameter:	4.500	in
Calibration Depth:	908.917	ft

Master Calibration, performed Tue Nov 26 10:00:59 2013:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.014	0.640	2.000	62.165	72.942	3.295
CAL	1.000	0.994				
5'	0.164	0.735	2.000	62.165	105.511	-15.344
SUM						
S1	-0.068	0.653	0.000	95.000	116.782	8.902
S2	-0.077	0.656	0.000	95.000	114.657	9.925
S3	-0.042	0.647	0.000	95.000	122.870	5.787
S4	-0.030	0.638	0.000	95.000	127.328	4.243
S5	-0.043	0.643	0.000	95.000	123.405	5.983
S6	-0.047	0.653	0.000	95.000	120.855	6.333
S7	-0.030	0.654	0.000	95.000	123.986	4.142
S8	-0.077	0.656	0.000	95.000	114.614	10.017

Internal Reference Calibration, performed Wed Aug 21 11:08:58 2013:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	1.000	0.994	1.000	0.000

Air Zero Calibration, performed Sat Nov 09 07:23:33 2013:

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1	0.000	0.000	0.000
S2	0.000	0.000	0.000
S3	0.000	0.000	0.000
S4	0.000	0.000	0.000
S5	0.000	0.000	0.000
S6	0.000	0.000	0.000
S7	0.000	0.000	0.000
S8	0.000	0.000	0.000

PIONEER

Pioneer Energy Services

Company	ANADARKO PETROLEUM CORPORAT
Well	BUTTERBALL 3OC-10HZ
Field	
County	WELD
State	CO