

# Permanent Monitoring Installation Report



<b>Field Ticket #</b>	RGS1803151328	<b>TD MD</b>	1706.4 m MD
<b>Client</b>	Santos Ltd	<b>Tubing Size</b>	2-7/8in 6.4 lb/ft
<b>Well Name</b>	FV12-37-2	<b>Casing Size</b>	5-1/2in 20lb/ft
<b>Well Location</b>	Fairview	<b>SHP</b>	0 psi
<b>Rig</b>	WildDesert 10	<b>BHP</b>	2553psi
<b>Customer Rep</b>	Tony Maninic	<b>SHT</b>	31 °C
<b>Service Eng</b>	G.Humphreys	<b>BHT</b>	80 °C

<b>Activity</b>	<b>Date</b>	<b>Time</b>	<b>Activity</b>	<b>Date</b>	<b>Time</b>
Depart Base	13/03/2018	14:30	Job End	15/03/2018	15:00
Job Start	14/03/2018	18:30	Return Base	15/03/2018	16:00

Gauge Use	Pump Control	Surface Card	Not required
Gauge Depth	1686.37	Telemetry	Analogue
Gauge Type	4-20mA 0-3k psi, 105 DegC	Surface Output	4-20mA
Pres Range	0-3000 psia	Cable Splice Depth	N/A
Temp Range	N/A	Tubing Hanger	3/8in NPT - 1/4in Swagelok
Max Devi	15°	Wellhead Outlet	AnTech Type C

<b>TEC Cable</b>	0.25" x 11mm Encap	Encapsulation	Square 11mm
Serial Number	0001102545-1	Manufacturer	Draka
Conductor	16 AWG Solid Copper	Material	Polypropylene
Tube OD	0.25"	Pres Rating	15 kpsi
Material	316L SS	Temp Rating	150 DegC

<b>Gauge</b>	Analogue	Pres Sensor	Piezoresistive
Serial Number	LC00053	Calibration Range	0 -3000 psia
Depth	1686.37 m	Temp Sensor	N/A
OD	1"	Temp Range	N/A
Vibration	N/A	Vibration Range	N/A

Gauge Carrier	Welded Pup Joint
Running OD	4.286"
Serial Number	N/A
Cross Coupling Protectors	2-3/8in - 2-7/8in Oileader Wiper Blade Style Stainless Steel
Running OD	4.216"
Qty Installed	179
Bands and Clips Material	0.25" x 0.75" w-7/8" Buckle 316SS
Qty Installed	360

Comments: Gauge Carrier Pup Joint installed 1 full joints above PSN. 4-20mA Analogue gauge installed. RIH installing 179 banded CCP. Installed 2 x 3/8in NPT fittings in the hanger and pressure tested. Nipped down and installed Rod lock and AnTech wellhead outlet.