

Permanent Monitoring Installation Report



Field Ticket #	RGS1912210555	EOT	1062.8 m MD
Client	Santos Ltd	Tubing Size	2-3/8in 4.7 lb/ft
Well Name	RM40-150-1	Casing Size	7in 23lb/ft
Well Location	Roma	SHP	14 psi
Rig	WildDesert 4	BHP	1623 psi
Customer Rep	T.Robitaille/ A.Riches	SHT	20 °C
Service Eng	G.Humphreys	BHT	45 °C

Activity	Date	Time	Activity	Date	Time
Depart Base	20-Dec-19	23:30	Job End	21-Dec-19	6:00
Job Start	21-Dec-19	2:00	Return Base	21-Dec-19	7:00

Gauge Use	Pump Control	Surface Card	Not required
Gauge Depth	1023.41 m	Telemetry	Analogue
Gauge Type	4-20mA 0-1.5k psi, 105 DegC	Surface Output	4-20mA
Pres Range	0-3000 psia	Cable Splice Depth	N/A
Batch	Sep-19	Tubing Hanger	1/4in NPT - 1/4in Swagelok
Max Devi	0.0°	Wellhead Outlet	AnTech Type C S/N19-037232

TEC Cable	0.25" x 11mm Encap	Encapsulation	Square 11mm
Serial Number	1015198358	Manufacturer	Draka
Conductor	16 AWG Solid Copper	Material	Polypropylene
Tube OD	0.25"	Pres Rating	15 kpsi
Material	316L SS	Temp Rating	150 DegC

Gauge	Analogue	Pres Sensor	Piezoresistive
Serial Number	LC00561	Calibration Range	0 -3000 psia
Depth	1023.41 m	Temp Sensor	N/A
OD	1"	Temp Range	N/A
Vibration	N/A	Vibration Range	N/A

Gauge Carrier	Cannon Clamp Type with Vibration Sleeve
Running OD	4.600"
Serial Number	N/A
Cross Coupling Protectors	2-3/8in - 3-1/2in Wiper Blade Style Stainless Steel
Running OD	4.000"
Qty Installed	107
Bands and Clips Material	0.25" x 0.75" w-7/8" Buckle 316SS
Qty Installed	216

Comments: Gauge Carrier installed 2 full joints above PCP. 4-20mA Analogue gauge installed. RIH installing 107 banded CCP. Installed 2 x 1/4in NPT fittings in the hanger and pressure tested. Nipped down and installed Rod lock and AnTech wellhead outlet.

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Sequence of Events		
Date	Time	Description
20-Dec-19	23:30	Depart Base
21-Dec-19	0:30	Arrive at location Wildesert Rig Crew to perform Gauge install. Pick up Sheave and make up BHA. Make up gauge carrier and gauge to completion. RIH first 4 joints then increase back tension on spooling unit. Installed 107 banded cross coupling protectors.
	2:00	Make up hanger. Strip encapsulation and pass cable through tubing hanger and tighten TEC seals.
	2:45	Land hanger and start pressure test to 1500 psi. Rig down floor. Nippled down.
	4:45	Land and nipple up rod-lock. Pressure test rod lock to 300/3000 psi. Install AnTech wellhead outlet. Final gauge reading 1623 psia. Prepare report.
	6:00	Depart location for Roma. Arrive at Roma.