

Permanent Monitoring Installation Report



Field Ticket #	RGS1905222300	EOT	1263.7 m
Client	Santos Ltd	Tubing Size	2-7/8in 6.5 lb/ft
Well Name	FV11-74-21	Casing Size	5-1/2in 20lb/ft
Well Location	Fairview	SHP	0 psi
Rig	Sav. 68	BHP	1780 psi
Customer Rep	C.Gustafson	SHT	0 °C
Service Eng	G. Humphreys	BHT	0 °C

Activity	Date	Time	Activity	Date	Time
Depart Base	21-May-19	6:00	Job End	22-May-19	23:10
Job Start	21-May-19	2:30	Return Base	22-May-19	23:20

Gauge Use	Pump Control	Surface Card	Not required
Gauge Depth	1251.61	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
Batch	Feb-19	Tubing Hanger	3/8in NPT - 1/4in Swagelok
Max Devi	<15°	Wellhead Outlet	AnTech Type C-18-022025

TEC Cable	0.25" x 11mm Encap	Encapsulation	Square 11mm
Serial Number	702009307/50	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	LC00289	Calibration Range	0 -3000 psia
Depth	1251.61 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 Wiper Blade Style Stainless Steel
Running OD	4.216"
Qty Installed	132
Bands and Clips Material	0.25" x 0.75" w-7/8" Buckle 316SS
Qty Installed	266

Comments: Gauge Carrier Pup Joint installed 2 full joints above PSN. 4-20mA Analogue gauge installed. RIH installing 132 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
21-May-19		Standby at camp.
	14:00	Arrive location.
		Unload and spot equipment. Drift and measure gauge carrier 1.88m, 1.22m to Gauge Port.
	14:45	Safety meeting with crew.
		Pick up Sheave and make up BHA.
	15:00	Make up gauge carrier and gauge to completion.
		RIH first 4 joints then increase back tension on spooling unit.
		Installed 132 banded cross coupling protectors.
	20:00	Strip encapsulation and pass cable through tubing hanger and tighten TEC seals.
	20:10	Land hanger and start pressure test to 1500 psi.
		Rig down floor.
		Nipple down BOPs.
	22:00	Land and nipple up rod-lock.
		Pressure test rod lock to 300/3000 psi.
		Install AnTech wellhead outlet.
	23:00	Final gauge reading 1779.8psia
		Prepare report.
	23:20	Depart location for Camp.