

DESCRIPTION

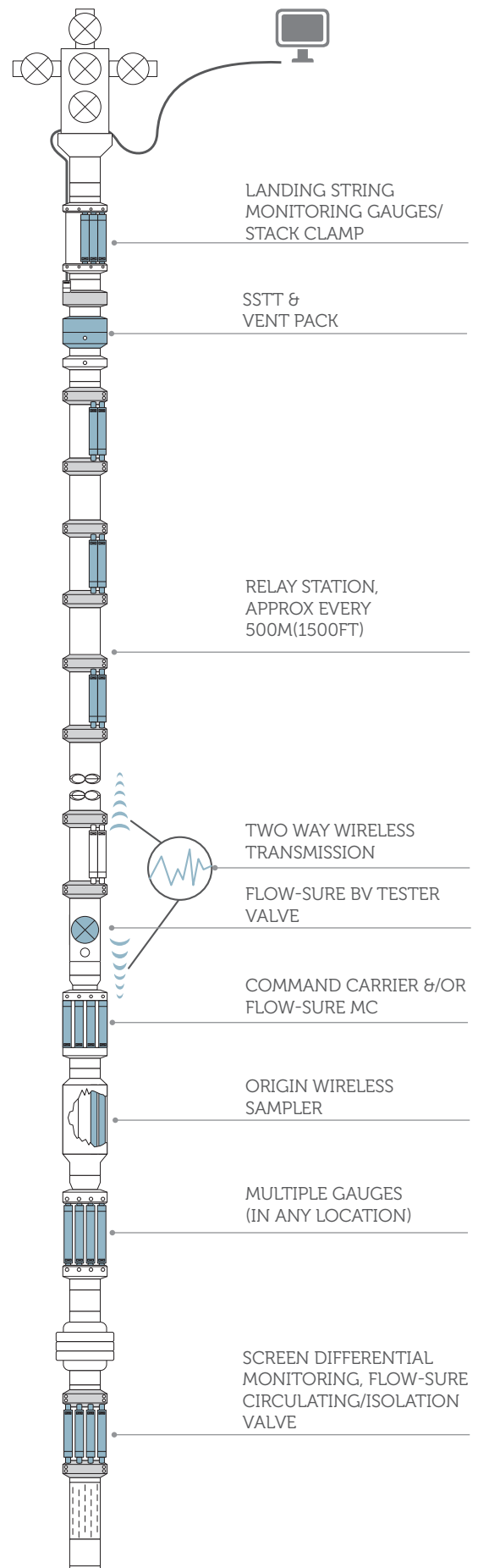
With over 1000 Paragon Well Tests since 2002, many of which were conducted in the world's harshest offshore environments, Metrol has earned a reputation for delivering a DST wireless system that is reliable, rugged and high fidelity, even when the downhole conditions are extreme.

Achievements include wells of 7000 metres, with temperatures in excess of 190°C and pressures in excess of 15,000 psi. Capabilities include extended testing, single trip multi-zone testing leading often to a crossover from conventional testing to long term (multi-year) suspension monitoring.

PARAGON is instrumental in collecting data for field appraisal, reservoir delineation and multi-well connectivity. PARAGON can also be used as a wireless solution for the completion market.

FEATURES & BENEFITS

- > Communicates with any number of Oculus gauges, Pro-log, Depth-loc and Cross-fire
- > Monitor via tubing or annulus
- > View downhole data at surface as soon as the string is in the hole to:
 - assess and adjust hydrostatic balance
 - monitor reservoir information to adjust test time, maximise results and minimise cost
 - gather valuable downhole information for troubleshooting
- > Controls Metrols API19TT DST Toolstring, including Flow-Sure Valve range and Krysalis Packer
- > Communicates with Paragon EM, reducing capex and opex of extended abandonment monitoring
- > Each telemetry relay station has a memory and a temperature recording ability. A nodal thermal gradient along the production string can help verify WellCat modelling, understand temperature induced thermal buildup in the annuli and help verify surface flow rates
- > Transmits across packers, sand screens, gravel packs and horizontal sections
- > Wireless is a significant advance in safety over conventional wireline systems, particularly in HP/HT, deepwater and H2S environments
- > Industry leader in high density data transmission from multiple sources



SPECIFICATIONS

| Model | Paragon (ST) | Paragon (HT) | Paragon (XT) |
|-------------------------|--|--|--|
| Max Temp °C [°F] | 150° [302°] | 177° [350°] | 195° [383°] |
| Min Temp °C [°F] | -20° [-4°] | 0° [32°] | 0° [32°] |
| Pressure Ranges | 20k (psi) | 20k (psi) | 20k (psi) |
| Depth Range | No limit | No limit | No limit |
| Accuracy | lossless digital system, no degradation in the quality of data | lossless digital system, no degradation in the quality of data | lossless digital system, no degradation in the quality of data |
| Duration | Multi year options, design life available on request | | |

