

Real Time Monitoring Solutions & Services

Jiach Energy Solutions Introduces SageRider Inc, a Reservoir group Company

Downhole pressure and temperature gauges are deployed using various conveyance methods based on well conditions, completion design, and operational objectives, ensuring accurate data acquisition for effective reservoir monitoring and production optimization. The four primary deployment methods are

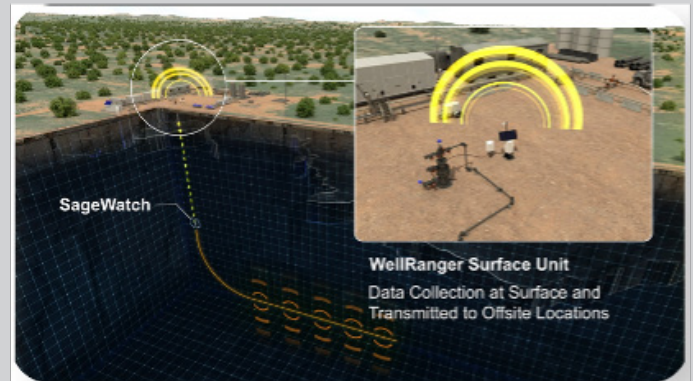
- **Tubing Conveyed** gauges
- **Casing Conveyed** gauges
- **Thru-Tubing** gauges
- **Wireless** gauges

Tubing Conveyed Gauges

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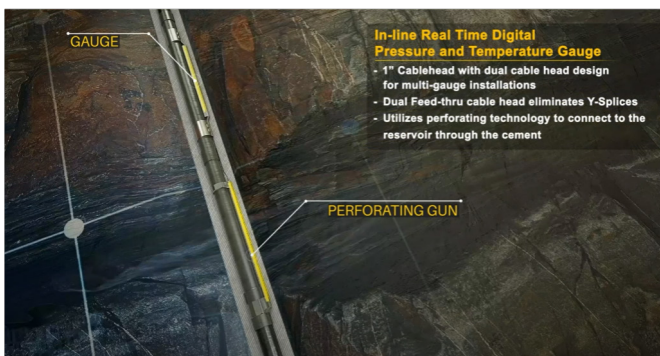
Key Benefits

- Installed below standard artificial lift completions.
- Fully retrievable and reusable.
- Utilizes real-time pressure and temperature gauges.



Casing Conveyed gauges

Our Casing Conveyed Gauges are installed along the casing string to monitor downhole pressure and temperature, typically in the annulus or reservoir zone. Designed for long-term surveillance, they provide reliable data for reservoir evaluation, injection monitoring, and integrity assessment. Their placement on casing allows continuous monitoring without interfering with production operations.



- Installed outside the casing in both cemented and non-cemented applications.
- Utilizes real time pressure & temperature and fibre optics technology.
- Simultaneous Monitoring of unlimited points within a single wellbore.

Thru-Tubing Gauge System

Our Thru-Tubing Gauge Systems are slim-profile downhole monitoring tools designed for deployment through existing production tubing without requiring major well intervention. Ideal for temporary surveys and well diagnostics, they provide accurate pressure and temperature data in live wells. Their compact design enables cost-effective, flexible deployment while maintaining normal production operations.

- Install real time bottom hole pressure & temperature gauges and Fiber optics technology under pressure.
- Fully retrievable and re-usable.
- Used in conjunction with standard completion methods.



Wireless Gauges

- A true innovative solution for Well monitoring.
- Smarter well starts with wireless innovation.
- Advanced wireless gauges for real-time well data acquisition.
- Precision-engineered wireless monitoring for optimal well performance.
- Reduced Surface foot print

The ResLink wireless real-time telemetry platform is designed to facilitate wireless well monitoring in both short and long-term deployments. The platform employs EM (Electro-Magnetic) waves to transmit data through the ground from any location within a well, including from within Casings & Completions equipment.

In Pump-Off Control applications the gauge sits below the PCP. For other applications, ResLink is deployable on Casing, Tubing, Coil Tubing, Wireline, or Slickline, and can be retrofitted or integrated as part of your Completion. Multiple systems can be installed within the same wellbore.

The gauge comes factory-sealed and pre-configured to turn on only once a pre-defined pressure is detected, making it incredibly easy to transport and install on site without the need for additional assembly.

Data transmission can be programmed to respond intelligently to downhole events, such as changes in pressure. On the surface, the data logger can be easily configured to capture and output the data you require and can be seamlessly integrated with third-party data gathering systems.

