

SERVICES

- **Well Services**
 - ❖ **Sand Monitoring**
 - ❖ **Light Weight & Compact Well Testing/Metering/Calibration**
 - ❖ **MPFM Well Testing/Metering**
- **Seismic Services**
 - ❖ **Marine Seismic Data Acquisition**
 - ❖ **Land Seismic Data Acquisition**
 - ❖ **Seismic Data Processing/Reprocessing**
 - ❖ **G&G Data Interpretation Services**

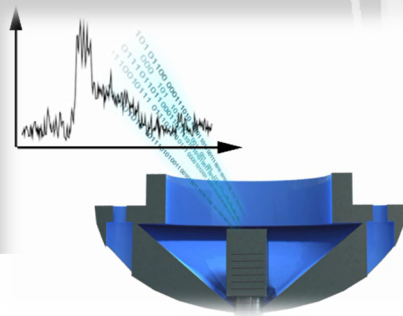
WELL SERVICES

- ❖ **Sand Monitoring via Portable Roxar Meter – Non Intrusive & Intrusive Type**

Non-Intrusive Type

Titus utilizes sand monitors from Roxar for its sand monitoring services via non-intrusive sand monitor systems.

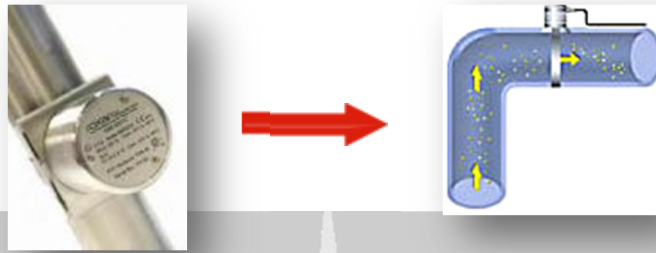
The portable Roxar sand monitor is a compact, non-intrusive field mounted instrument for online determination of sand production in oil, gas or multiphase flows. The Portable Version offered provides additional flexibility for well testing and other applications where it is a benefit to move the monitor to different locations in the field.



Features & Benefits

- ⊕ Non-intrusive sand monitoring with acoustic technology.
- ⊕ Onsite decision to manage your system with Maximum Sand Free Rate or Maximum Allowable Sand Rate.

- ✦ Improve production processes to prevent pipelines or separators filling with sand.



Intrusive Type (In-Line Probes)

An integrated service for *detection and quantification* of erosion & solids production

- ✦ Technique based on proven electrical resistance (ER) method (no field calibration required)
- ✦ High sensitivity Erosion Probe (not subject to noises; mech., elect., or flow induced)
- ✦ Field instruments - on-line surface monitoring systems
- ✦ MultiTrend software gives erosion and sand quantification

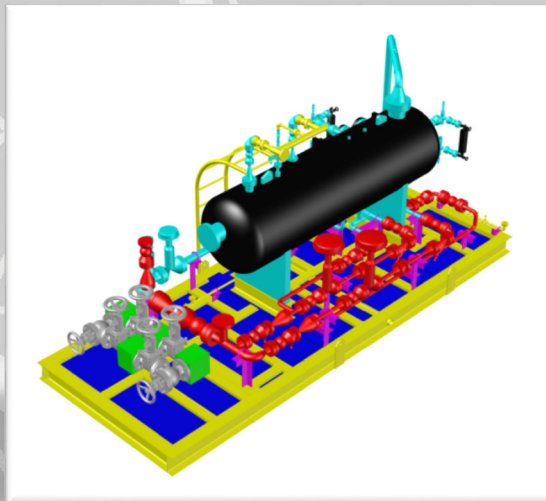


❖ **Light Weight & Compact Well Test Package**

The objective of Light weight, Modular & Compact packages is to enable customer to perform well unloading / clean up/metering/calibration operations without drilling rig intervention, i.e. Rigless which contributes to customer cost saving initiative.

The design of this well test package is to enable the system to be deployed on remote platforms with limited crane capacity. However in the event of customer platform crane operational constraint, the system also can be deployed by utilising a self-erect / self-lift mobile crane as a contingency.

Light Weight Package is simple to assemble onsite and it is designed to be mobile.



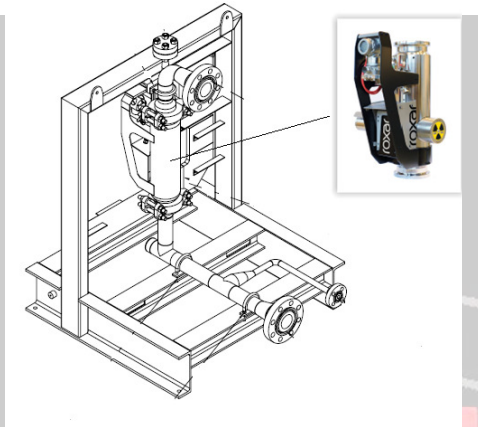
The package is capable to perform Rigless operation for;

1. Well Unloading
2. Well Clean Up
3. Production Testing
4. Platform Meter Calibration
5. On Site Sampling & Analysis Services inclusive of representative PVT Sampling

❖ **MPFM Well Testing Package**

MPFM is a non-intrusive multiphase flow measurements device that provides real-time and continuous three-phase measurements

1. Fraction and velocity of oil → Oil Rate
2. Fraction and velocity of water → Water Rate
3. Fraction and velocity of gas → Gas Rate



SEISMIC SERVICES

❖ **Land Seismic Data Acquisition**

We are a leading provider of survey design, planning and seismic data acquisition services all of seismic data environments, including land, marine and transition zone. We provide geophysicists with the proper tools to effectively design, model, plan and execute even the most complex seismic surveys.

❖ **Seismic Data Processing/Reprocessing**

Seismic Data Processing

Our data processing center operated by sophisticated software technology to process seismic data and have the capability of 2D and 3D data processing thoroughly. Some modules proprietary has been added to the Promax system to improve functionality. Our data processing land, transition and marine. Our cutting-edge technical capabilities include the Surface Related Multiple Elimination (SRME) and Pre-Stack Time Migration (PSTM). Linux cluster processing.

