



Integrated Sand Management

Services

Benefits & Values

- Increases operational efficiency by offering accurate wellbore flow path diagnostics.
- Maximizes asset value and reduces downtime by optimizing production strategies.
- Provides reliable, data-driven insights for better decision-making and reservoir management.

Proven Track Record

- Successfully applied in a variety of oil and gas areas, yielding reliable, superior outcomes.
- Demonstrated effectiveness in identifying complex wellbore flow challenges and improving production.
- Trusted by leading industry players for its reliability and impact on operational excellence.

Solution Implementation

- Provides a customized method for identifying and fixing wellbore flow inefficiencies.
- Ensures smooth integration into operational workflows, maintaining efficiency and continuity.
- Guarantees effective implementation supported by knowledgeable assistance and cutting-edge analytics for quick outcomes.

Who Are We

Invigour Energy is a trusted partner for innovative solutions in the energy sector. With expertise spanning over a decade, we specialize in integrating advanced technology, consultancy, and operational learning to enhance sustainable energy production.

Helping You Succeed

At Invigour Energy, we design tailored solutions for your energy needs. By leveraging cutting-edge technologies and a deep industry understanding, we empower your business to optimize production processes, overcome challenges, and capitalize on new opportunities in the dynamic energy landscape.

Integrated Sand Management

Integrated Sand Management

- Invigour Energy provides integrated sand management services to help oil and gas operator companies optimize production and maximise the life cycle value of company assets.
- Sand production is costly to oil and gas companies, and it is increasingly becoming a bigger problem that mature sandstone reservoir assets face. Integrated sand management can minimize business costs, improve production and minimise risk to asset integrity.

SERVICES PROVIDED

- Topside Sand Monitoring (Acoustic Sand Monitoring)
- Sand Prediction Study
- Sand Erosion Assessment
- Sand Deposition Assessment
- Sand Control Well Completion Design
- Remedial Sand Control

ACOUSTIC SAND MONITORING

- Non-intrusive (minimise risks) Optimise production
- Establish sand production trend and sand-free rate
- Reliable technology
- Portable equipment
- Sand monitoring service can identify sand rates to multiple flowing wells in a short period of time.

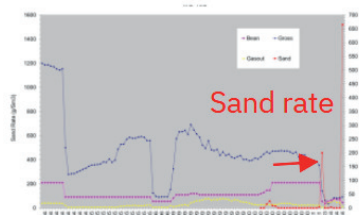
Sand Management Solutions

- Our sand management solutions are tailored to maximize production efficiency while ensuring long-term well integrity.
- We provide:
 - Sand Sampling & Lab Analysis
 - Sand Prediction
 - Sand Control Design
 - Sand Erosion Assessment
 - Ceramic Sand Screen
 - Sand Risk Assessment
 - Sand Agglomeration Chemical

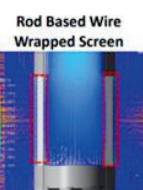
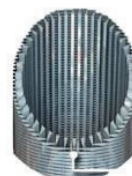
SAND PRODUCTION PROBLEMS



Sand Acoustic Meter



Sand Monitoring



Ceramic Sand Screen



Allow the grains to bridge across the slot opening.
High permeability with low skin