

Adding Value at Every Stage of Your Well

NO MATTER WHERE YOU ARE IN THE LIFECYCLE OF YOUR RESERVOIR...

Optimize your economics from acquisition to abandonment with our integrated solutions.



EXPLORATION

- We can help you with:
- Delineating the field
 - source reservoir



APPRAISAL

- We can help you with:
- Reserves estimation
 - Source productivity
 - Reservoir properties
 - Stress impact
 - Drive mechanisms
 - Flow units



DEVELOPMENT

- We can help you with:
- Drilling and completion fluid, hardware evaluation and damage avoidance
 - Sand control hardware
 - Reservoir modelling
 - Refine dynamic model



PRODUCTION

- We can help you with:
- Optimize production
 - Refrac potential
 - Injection water compatibility and specifications, scaling, EOR, Disposal
 - Refine dynamic model



ABANDONMENT

- We can help you with:
- Plugging the well
 - Blowout prevention
 - Cement integrity
 - Re-entry evaluation
 - Seal capacity

APPLICABLE SOLUTIONS

Core Services:
CCA/SCAL/RMA



RGG: Reservoir
Geology & Geochemistry



RSG: Reservoir
Solutions Group



Fluids, Compatibility,
Sand Evaluation



FD: Formation Damage



PVT



IOR/EOR



Reservoir Solutions Group

Field Development Plan (FDP)

Sweet Spots
Evaluation

Target Line
Studies

Spacing/
Parent-Child
Relationship

Completion
Optimization

Production
Drivers

Drilling
Hazards

Data Science/AI

Machine learning-based facies models that integrate reservoir, mineralogic and geomechanical properties for distribution in 3D and use in reservoir modeling and simulation

Geomechanics

Geomechanical modeling of dynamic and static properties, stresses, and pore pressure

Geomodelling

Capture the lithologic sequence, heterogeneities, variabilities, and distributions of rock properties within each lithofacies and understand how those properties vary spatially.



Petrophysics Engineering

Production History Matching for models' validation and forward simulation for optimal fracture staging strategy and design

Completions Engineering

Designing well completions and formulating fracture models to provide solutions on well spacing, well landing, infill drilling and multi-well pad development

Reservoir Engineering

Reservoir production history matching and forward simulation for optimal fracture staging strategy and design