Chemical Enhanced Oil Recovery

With more than one trillion barrels of discovered oil still in the ground, the need for improved oil recovery technology is compelling. Primera Reservoir LTD is focused on improving oil and gas recovery from existing fields by bringing together leading technologies to improve water quality and injection, leading oil field chemicals and services to maximize oil recovery.

Evaluation and design of advanced EOR techniques require detailed understanding of geology, field history, and physicochemical processes involved with these techniques, which call for an integrated study that extends from pore-level analysis and detailed laboratory study to thorough field-level viability assessment.

EOR specialised services:

Laboratory services
- EOR Chemical Fluid analysis
- Reservoir fluid analysis
- Rock & Fluid interaction
- Phase behaviour studies
- Core flooding

Reservoir services
- EOR field design and evaluation
- EOR screening studies
- Risk management and Uncertainty analysis
- Reservoir evaluation
- Pilot project design
- Reservoir performance monitoring
- EOR field history marching

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Professional Reservoir Services

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We recognize that the success in EOR processes are also associated with the subsurface and surface capabilities. We believe that major driving factors behind the accomplishment of EOR projects start from pore level assessment of EOR fluid characterization, reservoir simulation, modelling, planning and management of floods as well as management of surface facilities.

The most essential requirements for the design and evaluation of EOR projects are extensive knowledge in areas of geology, reservoir modelling and the physiochemical processes associated. The integration of the areas of expertise will elucidate the feasibility of the project.

Primera Reservoir offers an integrated team that includes Geologists, Reservoir engineers and Economists specialized in the areas of designing and evaluating EOR processes for brown fields.

Primera reservoir’s success in EOR is based on bringing to the table the subsurface and surface capabilities that surround the basic recovery process: capabilities in reservoir characterisation flood-front monitoring, interpretation, modelling and management; field development planning; and wells and facilities management.

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