Our EOR Services

- Laboratory Services
- Reservoir Engineering
- Training
- Field Support
- Patented Technology
- Chemical Evaluation

Our EOR Experience

- Low Salinity Waterflood
- Polymer Evaluation
- Low Salinity/Polymer
- Surfactant/Polymer
- Alkali/Surfactant/Polymer
- Alkali/Co-Solvent/Polymer
- EOR in Carbonates
- Well Stimulation
- EOR in Unconventionals
- Tracer Test Design and Interpretation
- Reservoir Simulation
- Low Tension Gas/Foam

Our Clients

Ultimate EOR

The Ultimate Source for Enhanced Oil Recovery

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About Us

Ultimate EOR Services (UEORS) is a professional oilfield chemical EOR developer. The company was founded in 2013 with a focus on chemical EOR fluids, well stimulation, wettability alteration, low salinity waterflooding, and EOR in tight and shale oil. We are dedicated to providing robust and economical solutions to improve oil recovery in all types of reservoirs. Our experience, technology, research, and integration set us apart from our competitors.

Technical Strengths and R&D

UEORS closely collaborates with the company founders—from The University of Texas at Austin—who are all recognized leaders in EOR technologies. We have highly qualified EOR specialists and state-of-the-art laboratories to conduct polymer rheological and stability tests, surfactant synthesis and lab analyses, live oil high pressure surfactant phase behavior tests using sapphire PVT cells, high pressure corefloods, and imbibition cell set up among others. Our IPs (UEOR XX) have been successfully applied in oilfields in India and Kuwait.

What We Do

Quality Technical Services

We provide EOR services including solution design, lab studies & evaluation, chemical quality control, chemical procurement, and field technical support.

Customized Product Development

We provide customized product development based on specific reservoir properties or technical requirements. We have exclusive licenses for several patented surfactants, cosolvents, and EOR processes. These technologies have expanded chemical EOR applications to more challenging fluids and reservoirs than ever before.

Our Services

Solution Design

We develop and optimize EOR formulations and tests in reservoir cores at reservoir conditions and assist in single-well and pilot test implementations.

Laboratory Study & Evaluation

We use a wide variety of surfactants from different manufacturers and our own technologies to develop the most efficient formulations based on pipette tests and evaluation of interfacial properties and rheology. We also closely collaborate with several manufacturers of synthetic and bio polymers to identify the most cost-effective polymer for a given project. Our lab evaluations include long-term thermal stability tests, rheology measurement, reservoir coreflood injectivity tests, and oil recovery corefloods. Effluent fluids are analyzed for ion concentrations, chemical concentrations, and emulsions—among other properties.

Chemicals and Chemical Formulation

We screen the most suitable EOR methods based on reservoir geology and properties. We then select the most suitable chemicals and develop and optimize the formulation.

Training

We conduct week-long training courses for oil & gas professionals and chemical manufacturers—subjects include: chemical EOR laboratory techniques, EOR and chemical EOR fundamentals, simulation of chemical EOR, tracer test design and interpretation, and smart water flood design.

Field Services

We have partnered with several oil field service companies to assist with: facility design and evaluation, quality control and onsite testing, chemical procurement, produced fluid separation, and handling of emulsions.

Reservoir Engineering

We assist our customers with reservoir screening and EOR pre selection as well as conformance control of mature waterflood projects using polymer/gel. We design single-well and interwell tracer tests and interpret the test results. We history-match the EOR lab results and scale-up for field forecast/optimization and history-match field performance.