

Waterfloods, polymer floods, and injection gas flow monitoring

Reduce reservoir uncertainty with smart tracer technology

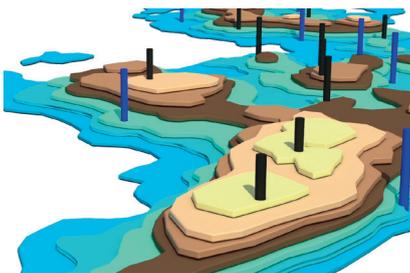
Good reservoir description forms the foundation for the design, operation and performance evaluation of IOR/EOR floods. But for most operators, the details of a reservoir's internal geology are not known until years into a commercial project.

Tracerco's interwell tracer technology allows a better understanding of waterfloods, polymer floods and injection gas flow between wells.

Application

Tracerco's solution is a safe, cost-effective way to quantify injected water or gas inflow into production wells, understand changing flow through complex heterogeneous reservoirs, and determine the sweep efficiency and swept pore volume of a flood programme.

Tracerco's smart tracers are optimised to measure the oil or water phases of a reservoir without the risk or complication of intervention. Our interwell tracer technologies allow reservoir flow mapping of water, gas, steam, and IOR/EOR treatments, ensuring a field can maximise production at minimum cost.



Using Tracerco's industry-leading technology, operators can visualise fluid flow through the reservoir, and enhance their understanding of reservoir connectivity.

Smart interwell tracers provide direct measurement of remaining oil in the reservoir, allowing a better understanding of EOR program effectiveness. A Tracerco interwell study is a sound economic investment and the most effective tool to make intelligent, data-driven decisions.

Benefits

Smart Interwell Tracers

- Determine injector-to-producer connectivity and exact breakthrough times.
- Illuminate natural fractures, matrix bypasses, thief zones, high-permeability streaks, vertical crossflow, and other sources of reservoir uncertainty.
- Build an understanding of flood-wide preferential flow trends.
- Confidently determine the sweep efficiency and swept pore volume.
- Provide dynamic, long-term measurements that continue to provide insights as reservoir and operational conditions change.

Contact

To learn more about how to reduce reservoir uncertainty with our smart tracer technology, contact:

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