

Interface Fluidics

Optimizing Unconventional Resource Development

About Interface Fluidics

Interface Fluidics is the leading provider of strategic and cost-saving solutions to the unconventional oil and gas industry. With 10+ years of experience and more than 100+ successful projects completed around the world, our team works closely with operators, engineers, managers, chemistry suppliers and researchers to solve complex problems and de-risk their operations with unconventional resource development.

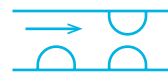
We have worked with industry leaders such as Oxy, Hess, ConocoPhillips, Tourmaline, California Resources Corporation, Ovintiv, Petroleum Development Oman, RockWater, and BP in formations including the Permian, Montney, DJ Basin, Bakken, Powder River, Eagle Ford, Niobrara, and more.

Problems We Solve



Chemical Optimization

Evaluate and optimize chemical selection to reduce chemical spend and determine the most effective combination for your reservoir conditions.



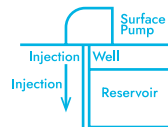
Flow Assurance

Quantify the performance of different chemical treatments under reservoir conditions to mitigate flow assurance issues like wax damage and asphaltene deposition.



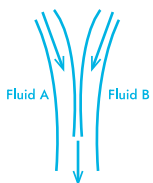
Formation Damage

Mitigate blockages in the frac zone and tighter matrixes within your reservoir to reduce production loss.



Fluid Injectivity

Ensure efficient injection of fluids into your reservoir to minimize downtime.



Frac Fluid Compatibility

Verify that your water source is compatible with your chosen chemistry and evaluate the impact of different chemicals to maximize oil recovery and minimize formation damage.



SapphireLab - In House Microfluidics
SapphireLab is our turnkey hardware solution.
Contact us to learn more information.

Our Commercial Services - 3rd Party Validation

Flowback (Completions)

Our most popular service - Flowback testing measures how your frac fluid impacts oil production at reservoir conditions (temperature, pressure, pore-space).



Regain Conductivity (Proppant Pack Testing)

Our alternative to the proppant pack test is fast, accurate, and higher resolution than conventional testing. Verify your friction reducer loadings, prevent damage, and minimize operational costs and risks.

Flow Assurance

Predict and mitigate flow assurance issues, such as wax damage and asphaltene deposition by quantifying the performance of different chemical treatments under reservoir or pipeline conditions.

Custom Solutions

If you're having a complex fluid problem, our team of reservoir, petroleum and production engineering experts can design custom solutions to ensure maximum productivity. Contact us to learn more about how we can help optimize your operations and improve your bottom line.



Fast

Results in under three weeks with speed and accuracy.



Repeatable

Identical Porous media enables repeatable results.



Visual

Observe how fluids interact and mechanisms occur at the nanoscale in your reservoir.

Contact Us Today to Learn More

At Interface Fluidics, we provide the data and insights needed to optimize your unconventional resource development, reduce costs, and maximize your production.