



# Stop Guessing. Start Frac'ing With Confidence.

One Platform. Full-Scale Fracture-to-Production Optimization. 10x Faster.

CMG's ShaleSim is built for  
the new reality of unconventional:

Longer laterals, tighter spacing, higher interference  
risk, and global teams needing faster answers.



ShaleSim

*Integrated fracture and  
reservoir simulation for  
optimizing development plans*

## ShaleSim Solves What Existing Tools Can't

### 1. Decision-Ready Speed

Simulate complex fracture-to-production scenarios  
3-10x faster.

### 2. Full-Well, Full-Pad Modelling

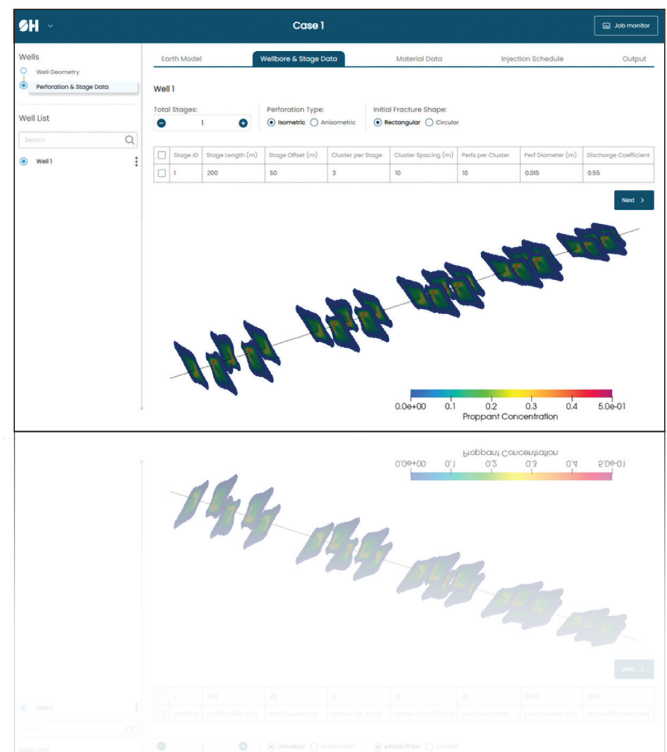
Simulate every stage, every well from toe to heel  
across every pad.

### 3. One Integrated Platform

From fracture design to production forecasting -  
everything in one tool.

### 4. Get Started in Minutes

Build models quickly - no steep learning curve, no  
outside help required.



**ShaleSim is how modern operators frac smarter.** From faster answers to better outcomes, we're redefining what hydraulic fracture simulation can be.

## Why Today's Workflows Fall Short in a Complex World

Unconventional development is more capital-intensive, with more geologically variable, and more execution-sensitive than ever. But many teams still rely on:

- Simulating a **single frac stage** and applying results across the entire lateral
- **Disconnected platforms** that require jumping between applications for frac, flow, and production analysis
- Limited ability to **model complex interactions** like parent-child wells or well-to-well interference across a full pad
- **Long runtimes** that limit scenario testing and slow decision cycles


## With ShaleSim Make Every Frac Count

Whether you're drilling in the Permian, Montney, Duvernay, Vaca Muerta, or the Middle East, ShaleSim helps you:

- Identify **optimal well spacing** and sequencing to avoid frac hits
- Simulate **complex parent-child interactions** and mitigate production loss from infill well interference
- Assess new designs like simul-fracs, trimul-fracs, or **EOR scenarios**
- Predict fracture behavior and uplift with **real field data** (e.g. SWPM)

## Built on a Proven Foundation

For over 40 years, CMG has been trusted by the world's top operators to simulate complex reservoirs, forecast performance, and plan EOR programs. Now, we've extended that legacy to fracture modelling with a simulator that brings the same accuracy, physics-depth, and performance CMG is known for.



*"I chose CMG  
for the  
science, but I  
stay for the  
people"*

*– CMG Customer*

Get the most out of your mature assets.

Leading the industry for 47+ years with

- 24/7 Support
- Ongoing innovation and research
- Science backed results
- Comprehensive training programs

Trusted by +500 enterprise customers

Improve your unconventional assets today.

Contact us at [cmg-sales@cmgl.ca](mailto:cmg-sales@cmgl.ca)