



Harnessing carbon-free energy

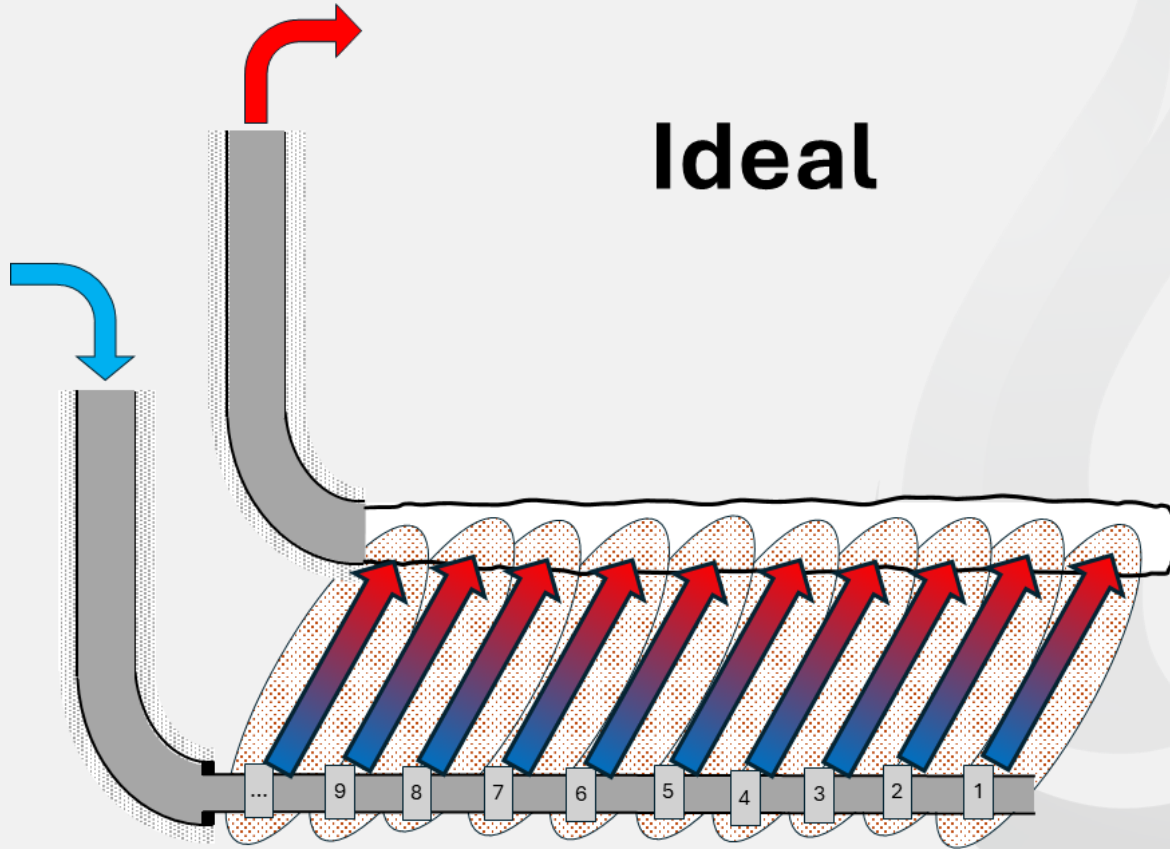
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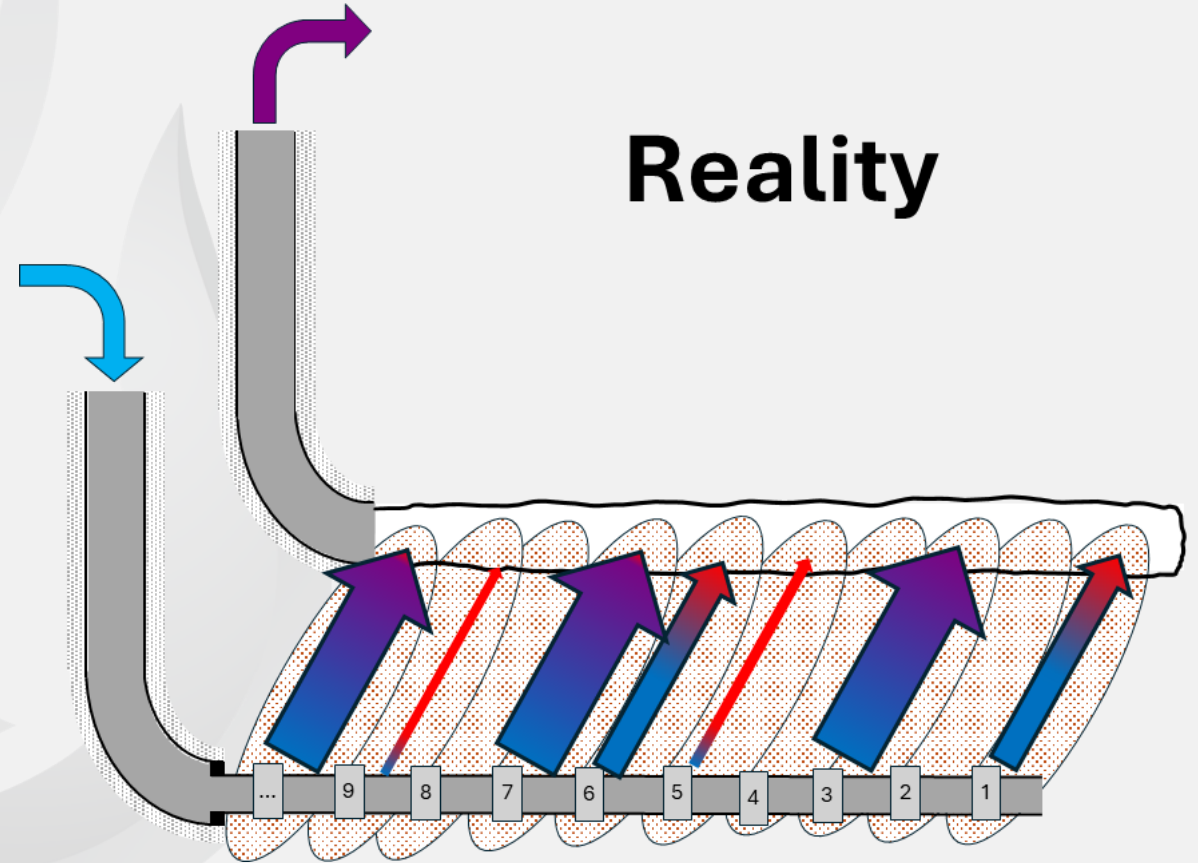


EGS is fundamentally challenged by flow control

Ideal

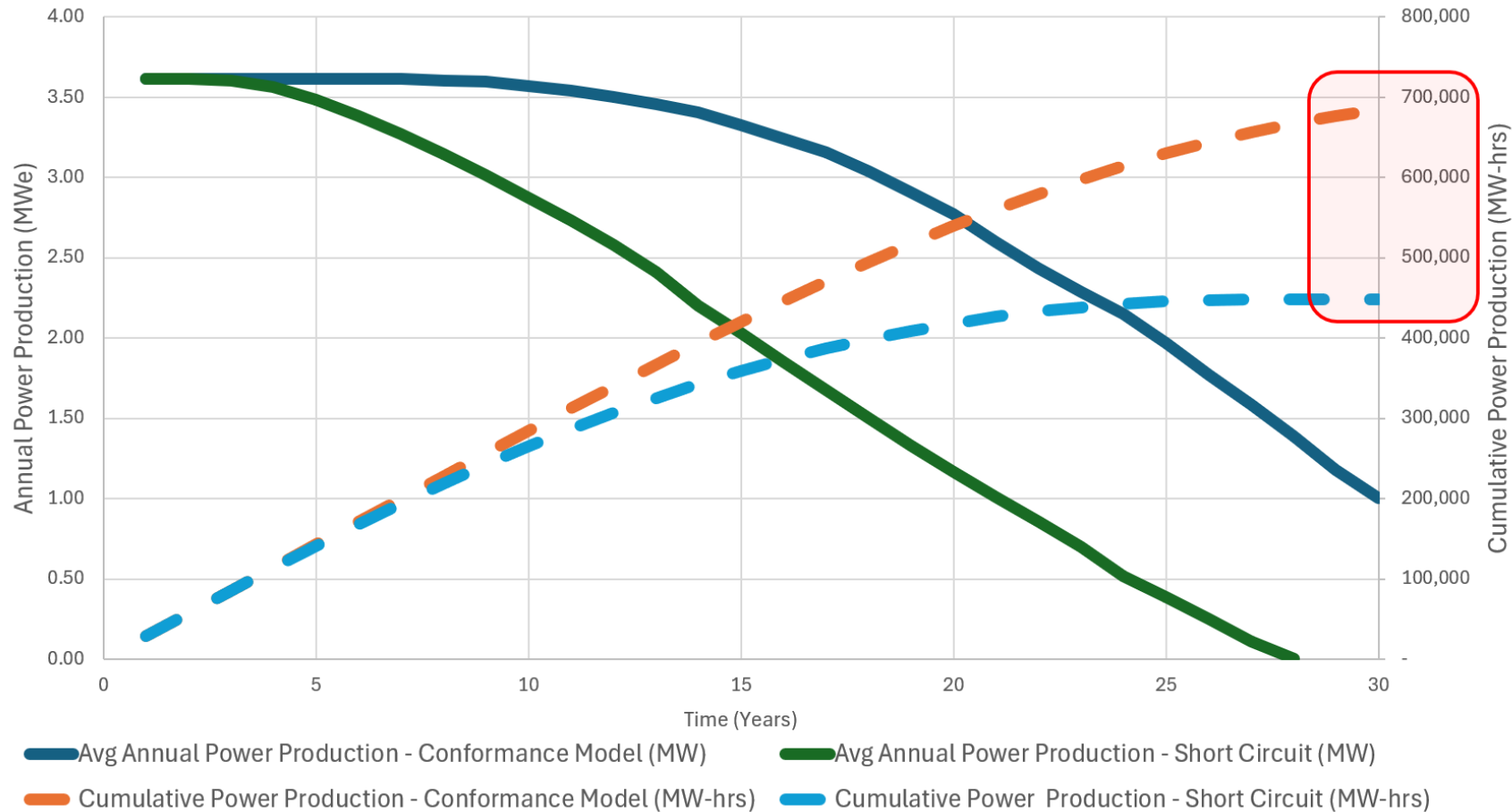


Reality



The Value of GTO Conformance Control

Power Generation Loss Due to Short Circuiting



**50% more power
over the life of the
asset!**

Less maintenance

Reduced seismicity risk

No Coiled Tubing

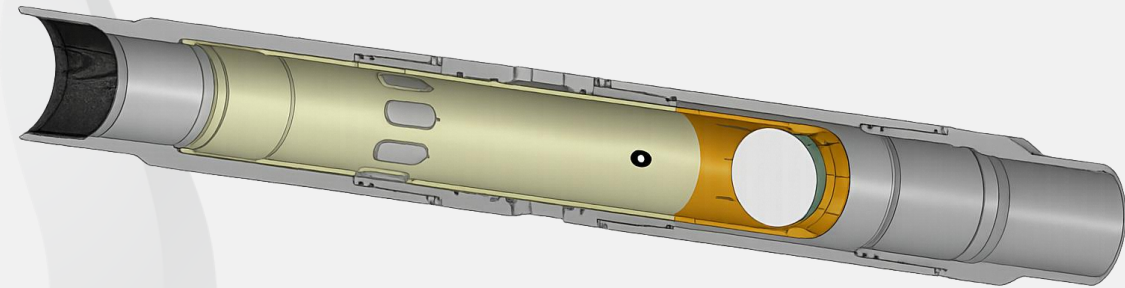
The Secret to Flow Control in Fractures

GTO's Conformance Sleeves

(patent pending)

EGS conformance control patent
&

Patent pending tools to both fracture
stimulate & control flow



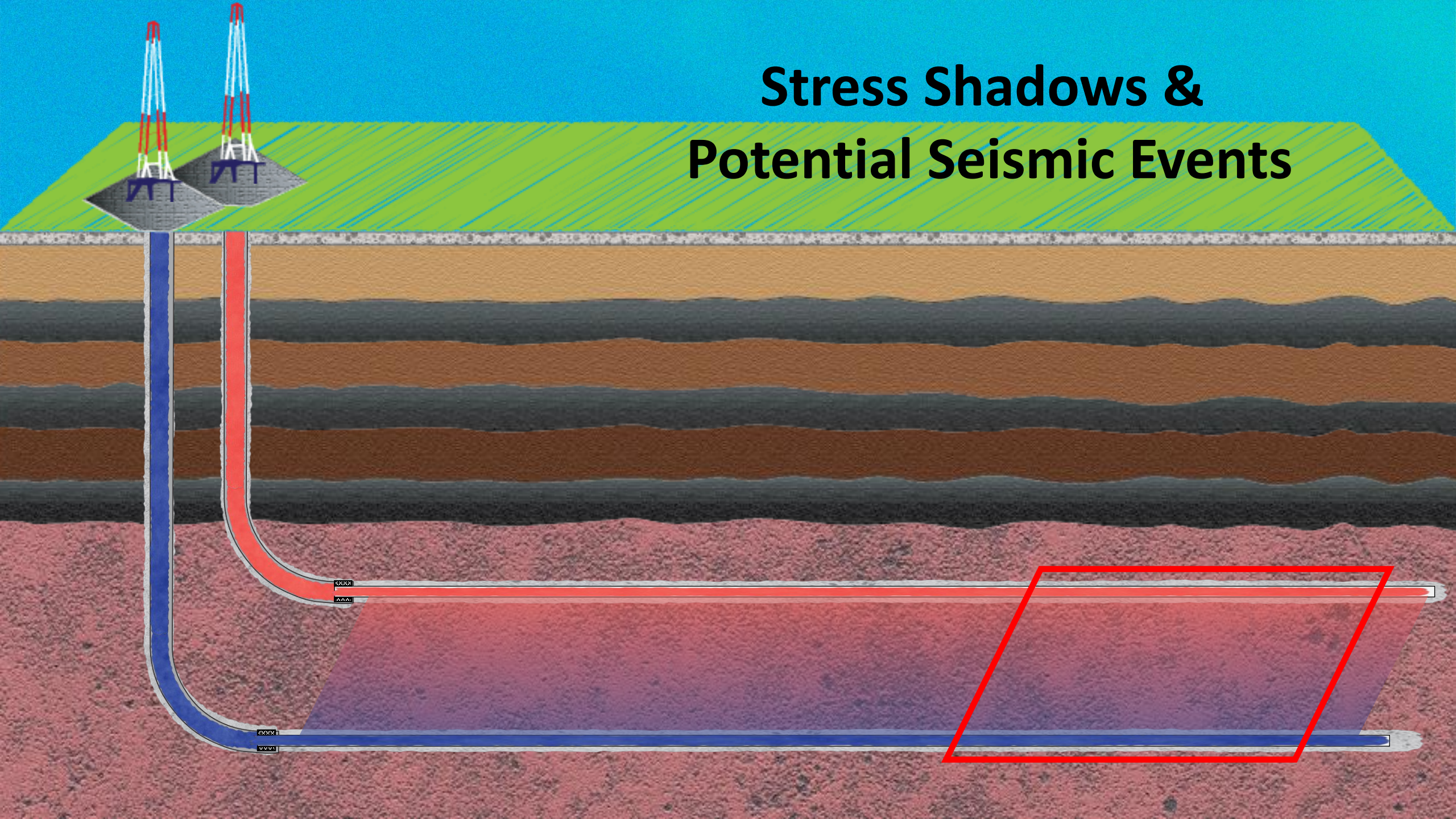
The keys to cost-effective EGS

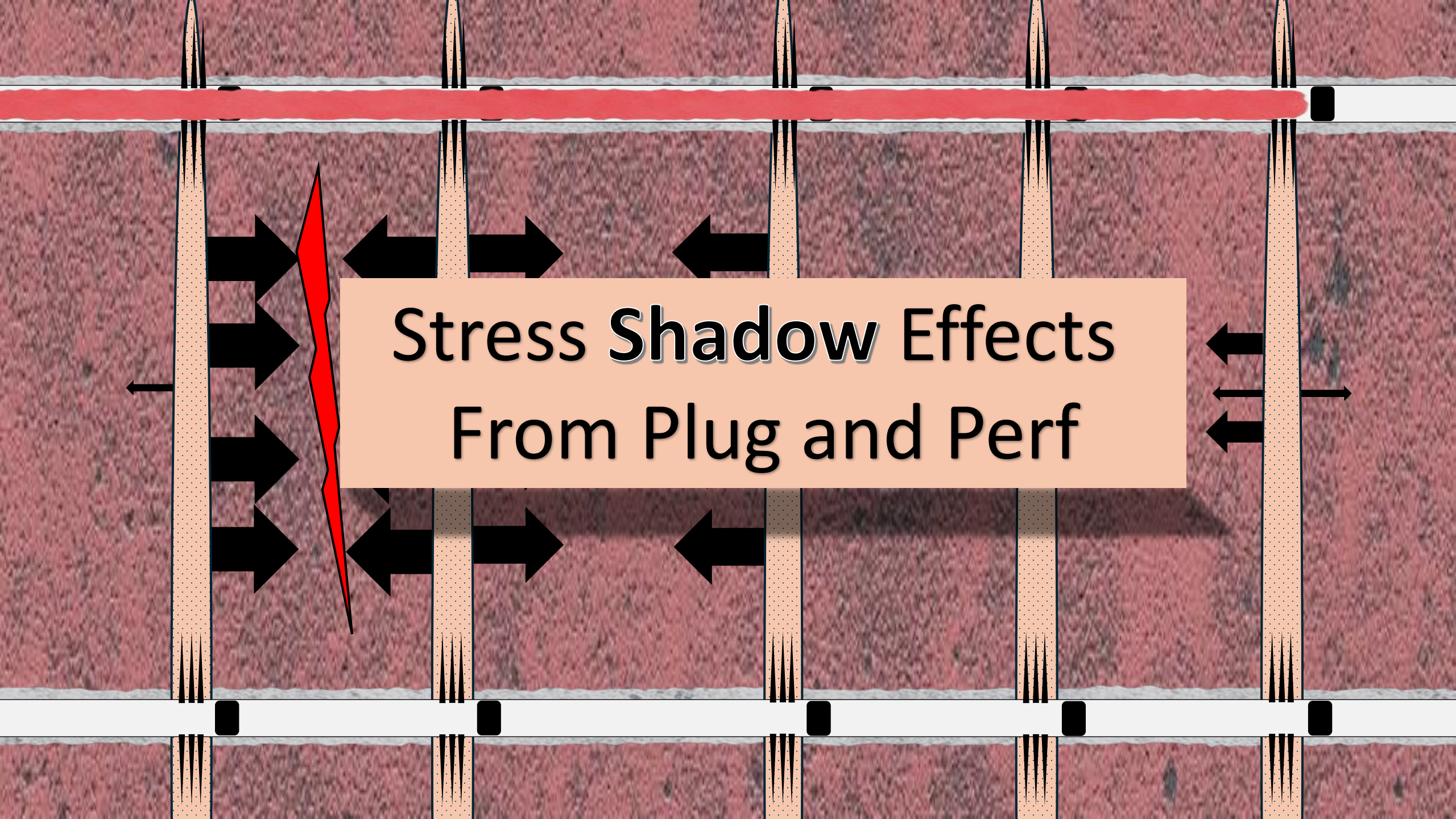
**Reduced to practice during a \$5.3M DOE FORGE
grant to Colorado School of Mines**



Sleeves Allow Paradigm Shift to Reduce Stress Shadows & Minimize Seismic Events

Stress Shadows & Potential Seismic Events





The diagram illustrates the stress shadow effect in a wellbore. A central wellbore is shown with a red fracture extending from it. Black arrows indicate the direction of stress flow, showing how the fracture creates a 'shadow' of reduced stress in the surrounding rock. The wellbore is surrounded by a red rock matrix, and the fracture is highlighted in red. The text 'Stress Shadow Effects From Plug and Perf' is centered in a white box.

Stress Shadow Effects From Plug and Perf



The diagram illustrates a wellbore with a red sleeve and a white sleeve. The red sleeve is shown in the upper half of the wellbore, with arrows indicating flow direction. The white sleeve is shown in the lower half of the wellbore, with arrows indicating flow direction. The text 'Conformance Sleeve System Minimizes Stress Shadow Effects' is overlaid on the diagram.

Conformance Sleeve System Minimizes Stress Shadow Effects

A Team with Extensive Experience

Leadership



Dr. Will Fleckenstein
Co-Founder, CEO

Colorado School of Mines
FORGE Project PI.
Former CSM Petroleum
Department head



Patrick Mays
Co-Founder, COO

29 years operations
management,
CSM Engineering &
Anderson MBA (UCLA)

**Fractional
CFO**

Currently under hiring process

Contractors / JVs



Advisors

Terrance Leis
Finance Advisor

Former Credit Union of
Colorado CEO, CPA

Todd McLean
Finance advisor

CrossFirst Bank, Wealth
Management, Executive
Managing Director

Jens Zimmermann
Finance advisor

Gabelli & Partners,
Research Analyst, CFA



GTO
TECHNOLOGIES