whitson

2025-2027

WELL SPACING & DEPLETION

CONSORTIUM

Harnessing data and collaboration to redefine well spacing and depletion impact through basin-specific models

Confidentiality

Company data will remain confidential and not be shared across participants. Only general conclusions and shared learnings will be distributed with all participating companies. No study data will be published without written consent from all consortium participants.

Timeline & Cost

The consortium is planned to operate from Q4 2025 – Q4 2027, with rolling admissions open until 31 December 2025.

Participation is on a per-basin basis:

1 Basin	2 Basins	3 Basins
50k USD/yr	75k USD/yr	90k USD/yr

Additional company-specific services can be provided upon request.

BRADEN BOWIE

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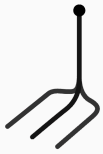
WHAT WE'RE SOLVING—TOGETHER

Beyond the core objectives outlined below, the consortium also serves as a technical forum for discussion, collaboration, and knowledge exchange on unconventional well performance analysis. This is supported by a series of knowledge-sharing sessions and courses, where participating companies openly discuss challenges, share insights, and learn from each other's experiences.



Quantifying Well Spacing

Identify various methods to quantify well spacing in both a 2D and 3D setting. Comparison against a baseline to evaluate which metrics capture spacing better than others. Deliverable is a variety of spacing metrics for operators to use, with recommendations.

Quantifying Depletion Impact

Quantify child well degradation and compare against a baseline to evaluate which metrics capture depletion better than others. Deliverables include a variety of depletion metrics and recommendations, as well as insight on factors such as parent well frac hits or initial pressure degradation

Impact of Stacking Wells

Evaluate if stacking wells vertically causes any performance degradation, either when co-developed or as a parent-child configuration. Will also consider observed interactions compared to reservoir modelling and fracturing monitoring.

Impact on Parent Wells

Attempt to quantify longer term parent well performance impact given metrics such as child well frac size or distance between wells, and learnings from modelling. Using this, we'll attempt to quantify longer term (EUR) impacts on the parent wells.

Basins Available:

Midland Delaware Eagleford Uinta Bakken Haynesville
Marcellus Utica Duvernay Montney Anadarko
DJ Powder River Vaca Muerta Scoop Stack

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