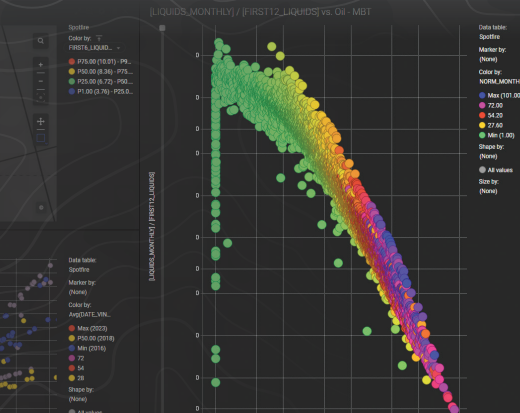


TYPE WELL PROFILES: PREDICTIVE WELL PERFORMANCE BEFORE THE DRILL BIT



■ Flow Regime Investigation

Analyze flow behavior to determine how long unconventional wells remain in Linear, Transitional, and Boundary-Dominated Flow regimes — improving the accuracy of performance forecasts.

■ Areas of Interest

Collaborate with geologists to identify potential drilling hazards and highlight key petrophysical drivers that influence well performance.

■ Analog Selection

Select analogous wells by balancing sample size with alignment to key performance criteria, ensuring relevance and reliability in comparisons.

■ Quantifying Uncertainty

Conduct a probabilistic analysis of the inputs used in the type well profile to identify limitations, avoid misleading projections, and assess the likelihood of over- or under-performance.

■ Estimated Ultimate Recoveries

Develop well performance expectations in cases where production history is limited and decline curve analysis cannot be reliably applied.

■ Support for Financial Planning & Project Assessment

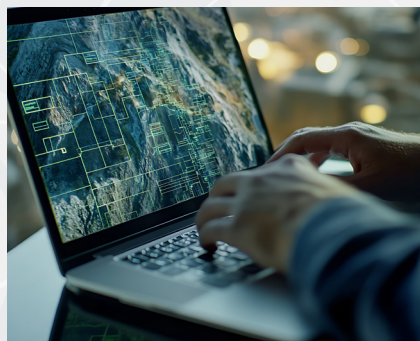
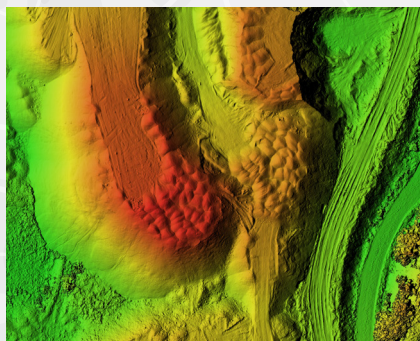
Develop full inventory forecasts for reserves, calculate economic indicators for pre-drill evaluations, and compare well performance across peers.

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