ADA AI™ STAGE DESIGN

CONNECT | COMPLETE | COLLABORATE

Our ADA AI™ Digital Ecosystem is the first to offer physics-based artificial intelligence (AI) which spans across drilling, completions, and production workflows of upstream operations. The system is provided through an open platform structure with 3 distinct offerings:

- ADA AI™ DRILLING SERIES
- ADA AI™ COMPLETIONS SERIES
- ADA AI™ PRODUCTION SERIES

ADA AI™ Stage Design offers AI-powered engineered completion design while drilling to maximize production from your assets. ADA AI™ Stage Design offers real-time stage design that combines rock quality indicators that include mechanical specific energy (MSE) and XRF minerology from geochemistry measurements and classifies rock sections that exhibit similar mechanical properties to optimize stage spacing. As a result, operators using ADA AI™ Stage Design can design their completions designstages fit for purpose – resulting in reduced completion costs, maximized production potential, while reducing the risk of getting subpar fractured stages.

ADA AI™ Stage Design uses advanced AI algorithms to classify like-rocks, according to their estimated rock properties, including drilling parameters and mineralogy to identify the most efficient stage design, offered in both geometric and engineered cluster spacing.

ADA AI™ Stage Design displays volumetric content of major minerals and brittleness curves for both offset and real-time data while concurrently displaying a real-time production forecast for a selected depth interval.

FEATURES

- Cloud-based platform with optimal speed, security and accessibility

- Uses AI for either drilling or mineralogy data to provide customized completions design

- Supports both real-time data and offset well data

- Offers both geometric and engineered completions design

- Provides production forecast for selected depth range with varying scenario settings

- Implement and deploy with speed