Emerging Trends and Technologies for UNCONVENTIONAL RESOURCES

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Business Development & Marketing



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Economic Evolution Of UNCONVENTIONALS

Make It WORK

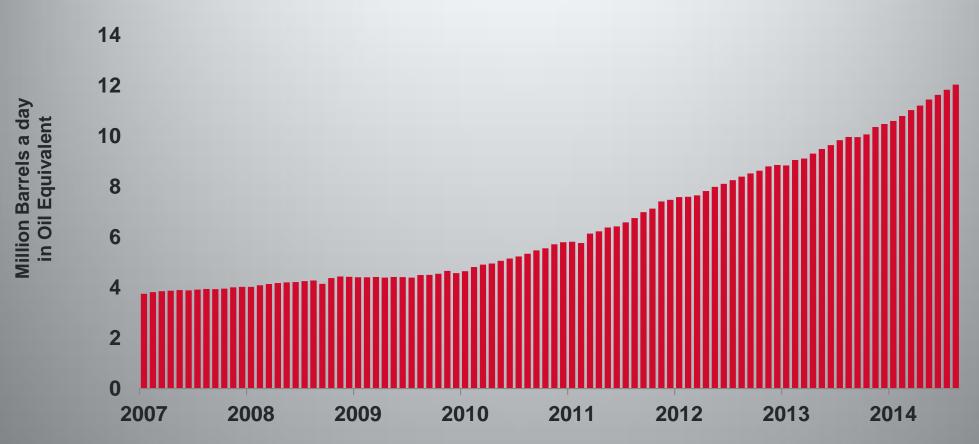
TAKE RISKS
EXPERIMENT
INNOVATE

Make It BIG

ACQUIRE ACREAGE
DEPLOY HORSEPOWER
DEVELOP SUPPLY CHAINS



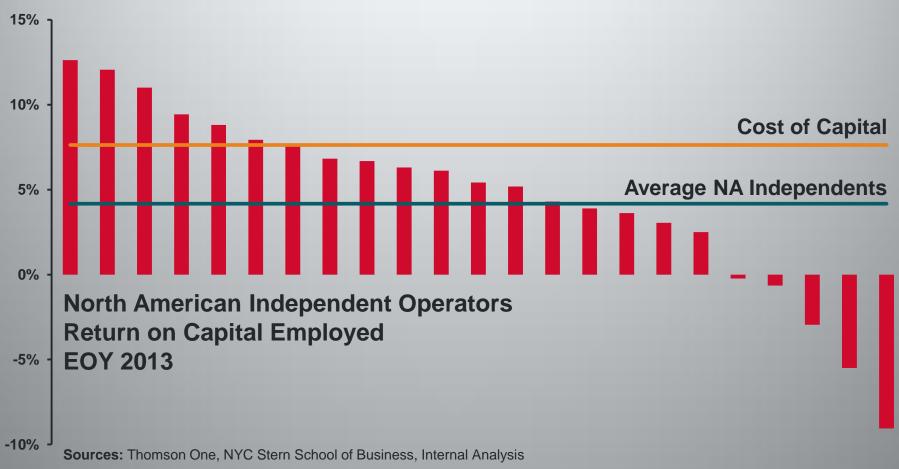
Oil and Natural Gas Production



In the Bakken, Eagle Ford, Haynesville, Marcellus, Niobrara, Permian and Utica fields Source: Energy Information Administration



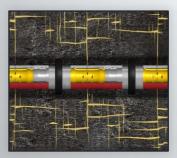
The Commercial And Economic Imperative







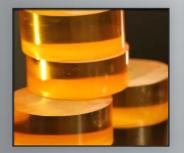


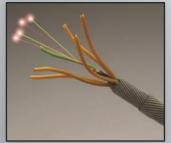




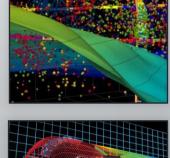






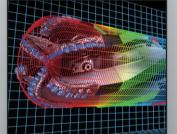












Integrated Portfolio of Technologies

Superior Delivery Platform

Environmental Leadership



Economic Evolution Of UNCONVENTIONALS

Make It BIG

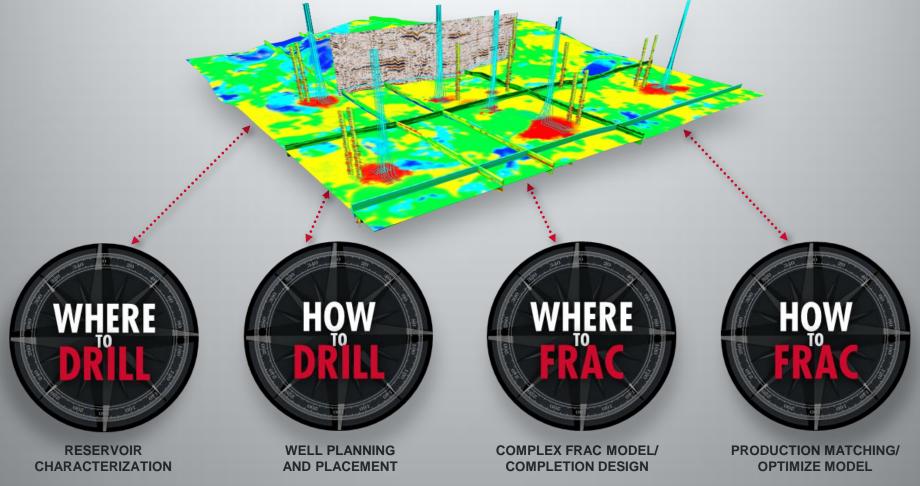
ACQUIRE ACREAGE
DEPLOY HORSEPOWER
DEVELOP SUPPLY CHAINS

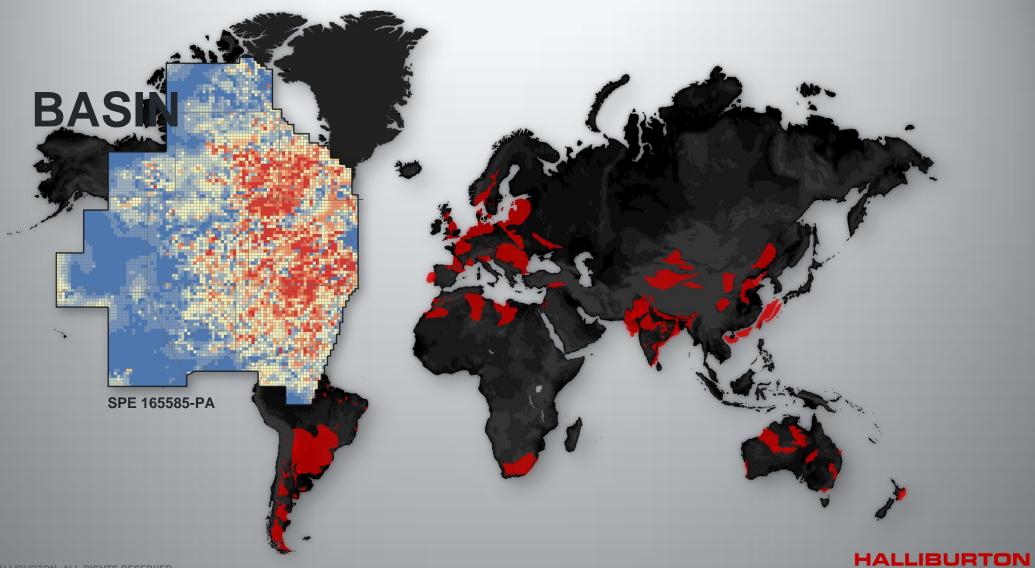
Make It SMART

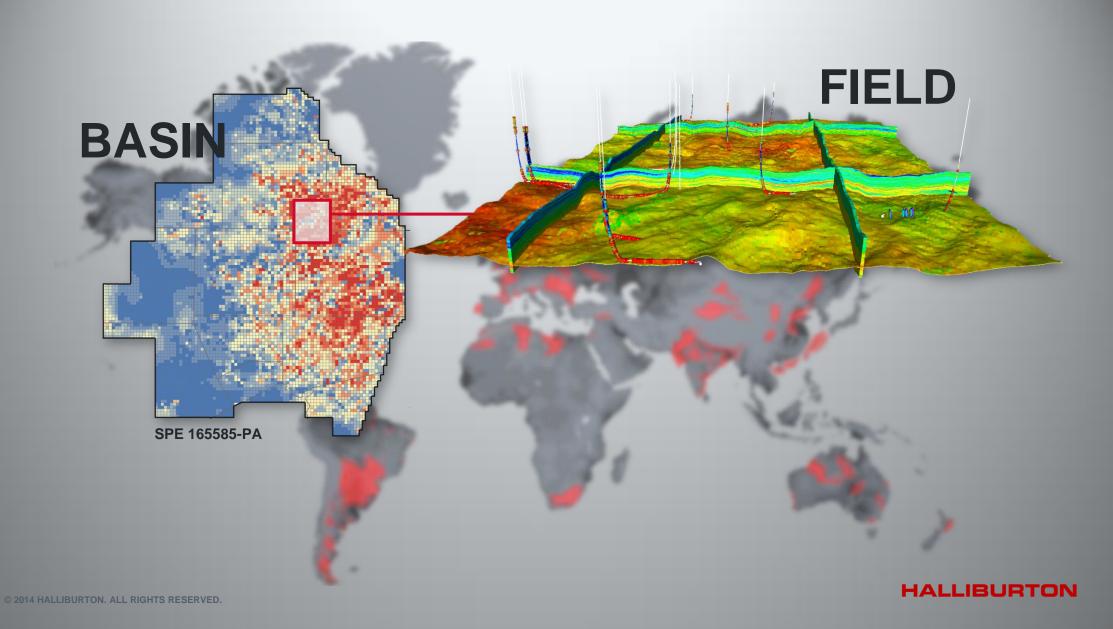
OPTIMIZE
EXECUTE
CALIBRATE

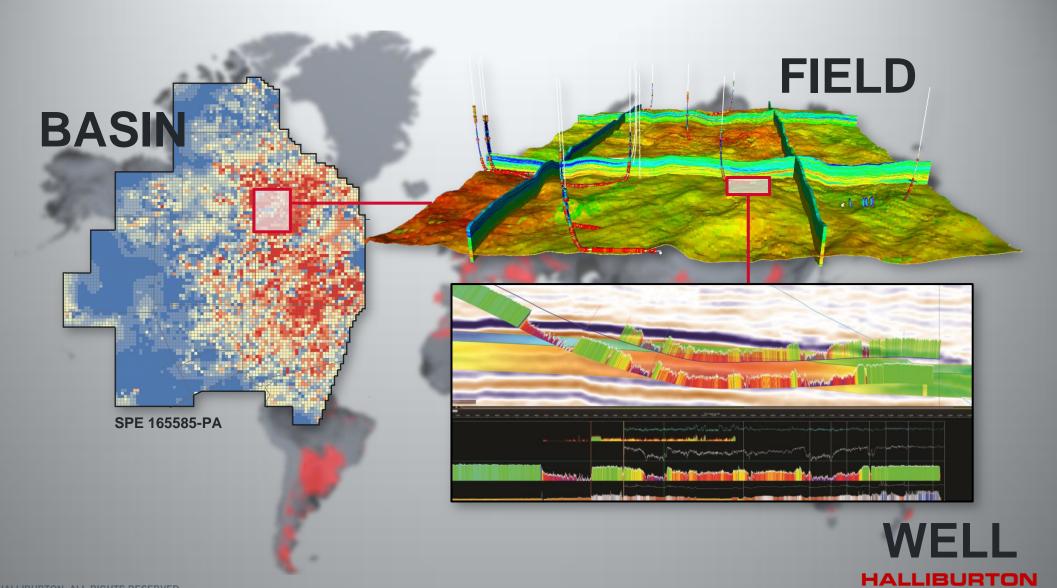
Make It WORK

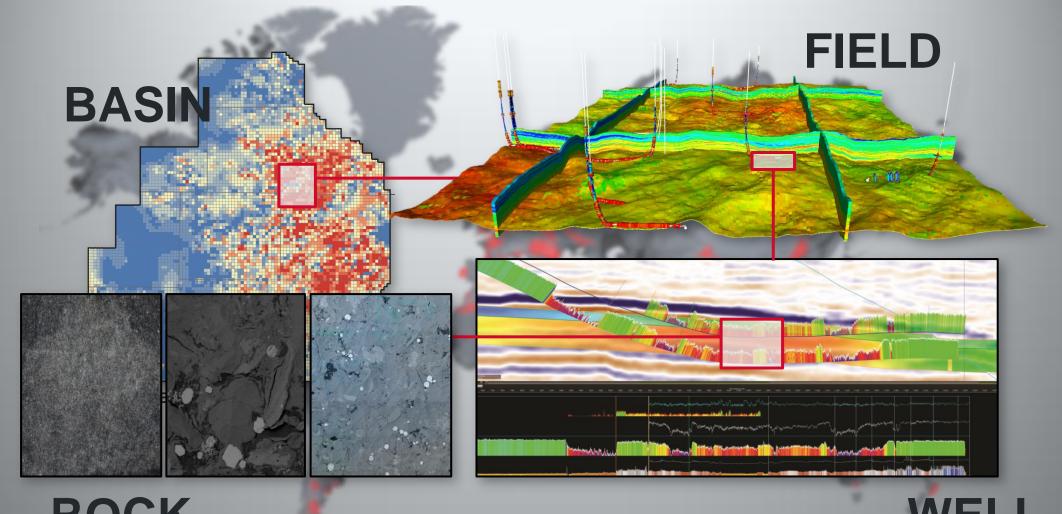
TAKE RISKS
EXPERIMENT
INNOVATE





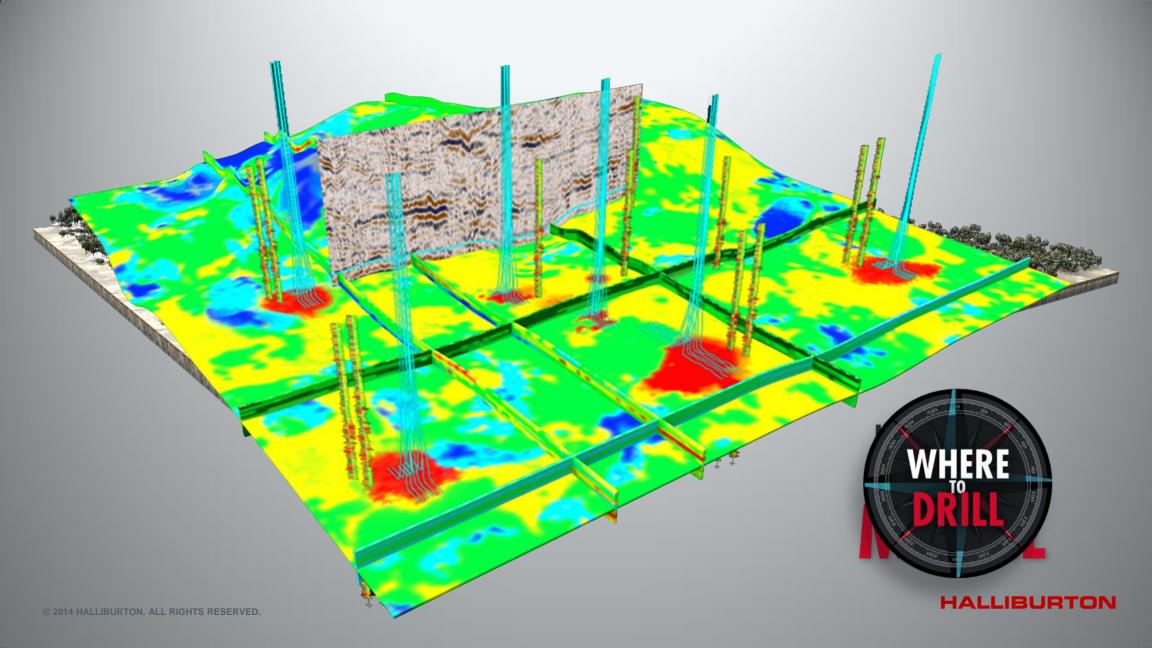






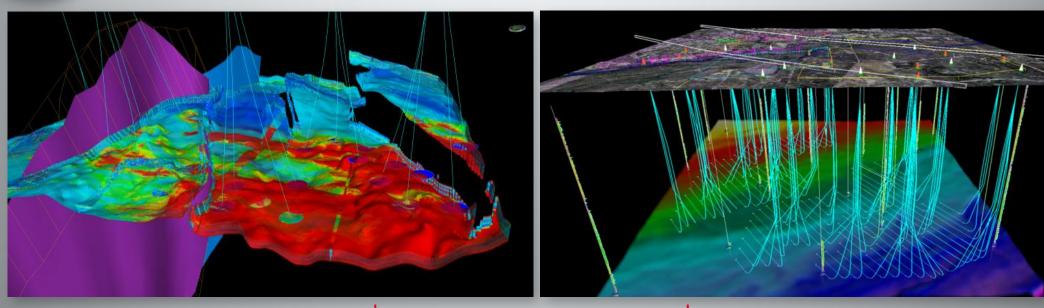
ROCK

WELL **HALLIBURTON**





DecisionSpace® Well Planning

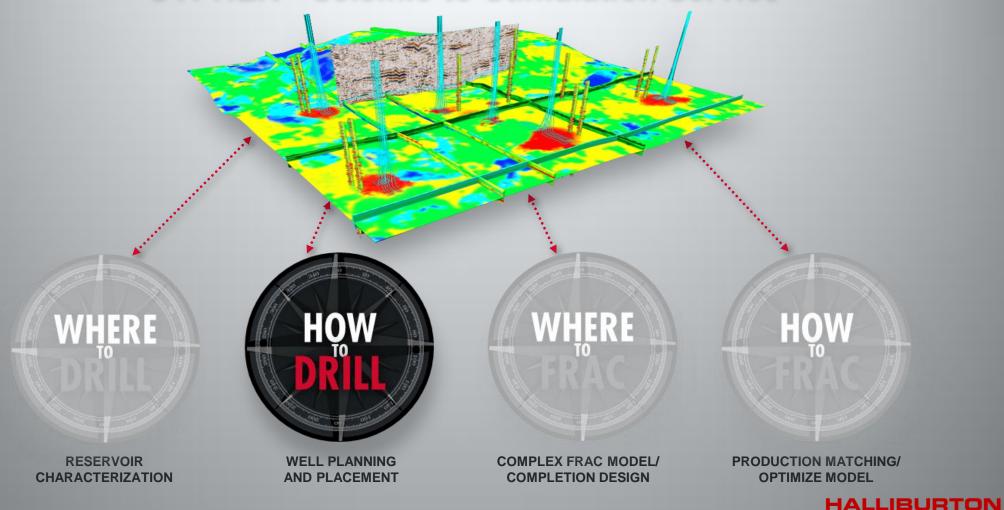


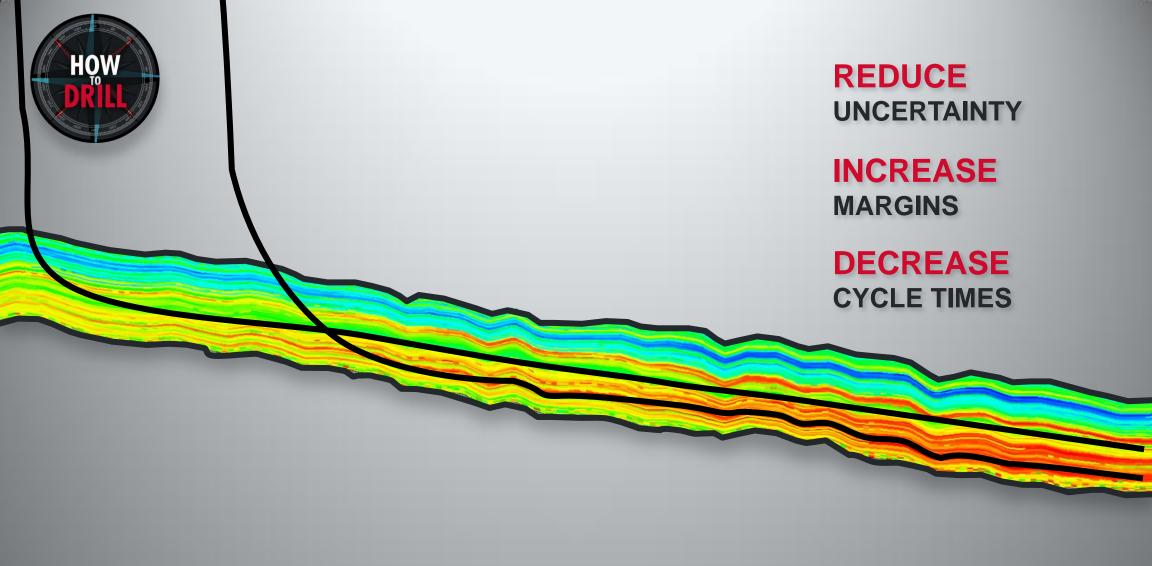
Greatly Reduce Planning Cycle Times

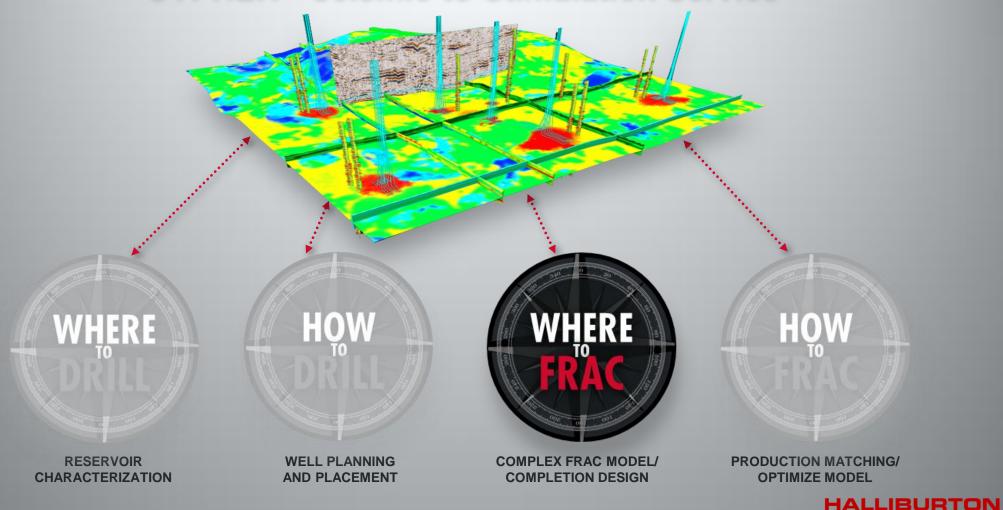
Maximize Reservoir Contact and Site Utilization

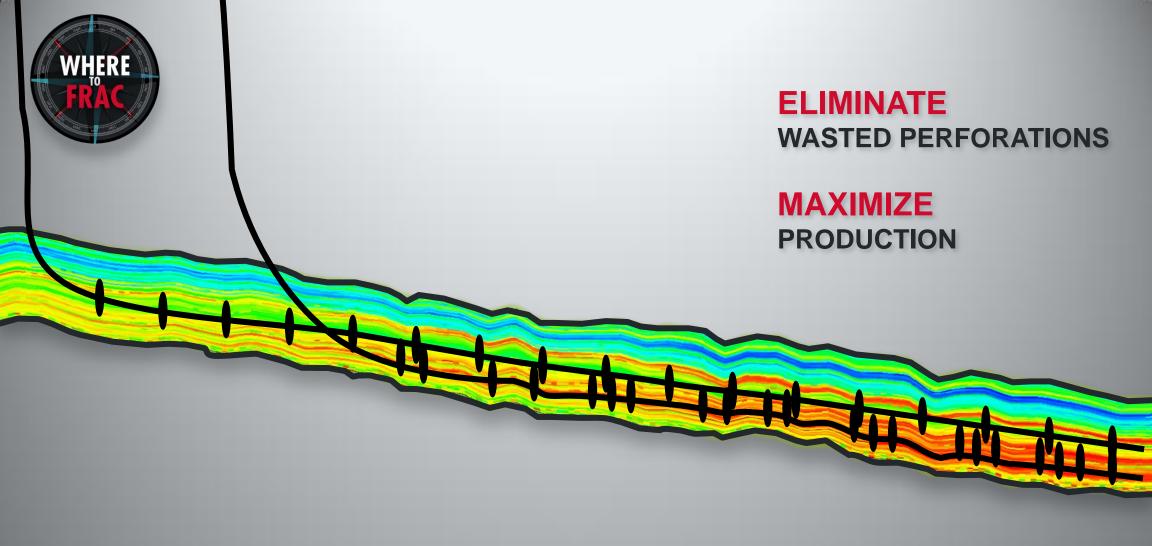
Enhance Well Safety

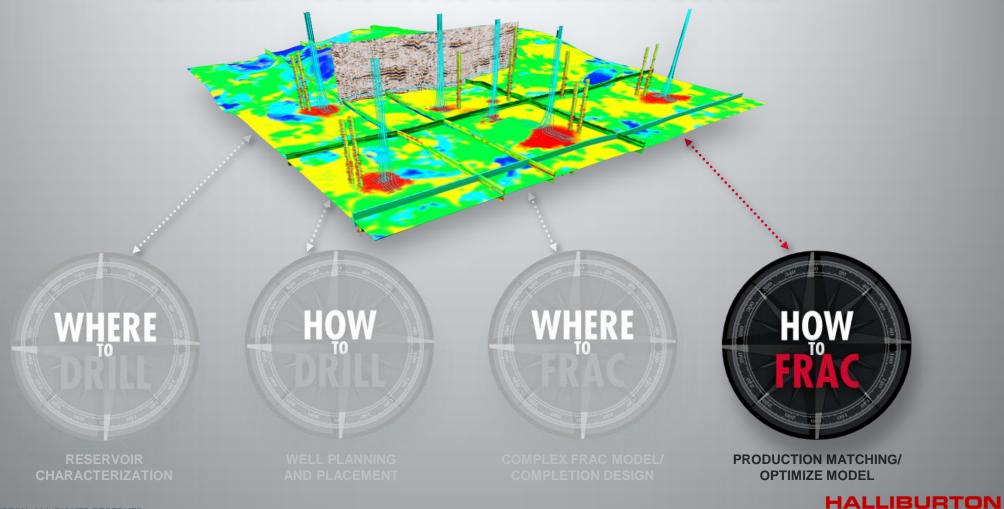






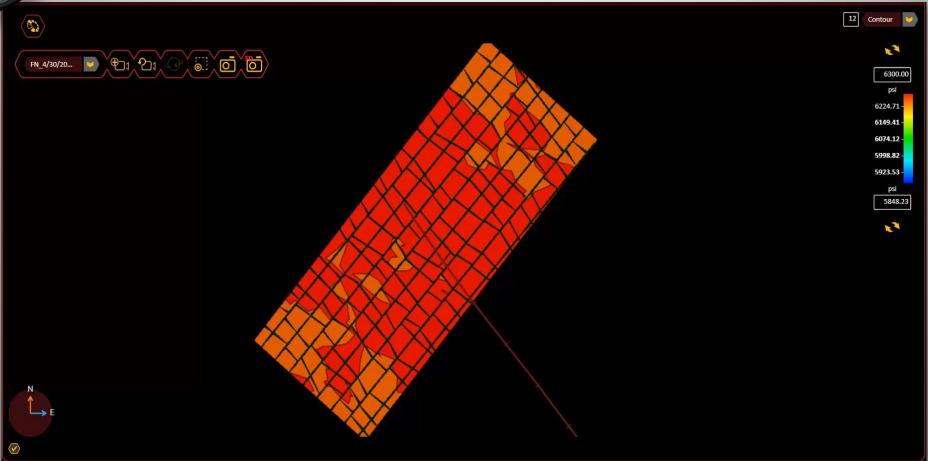






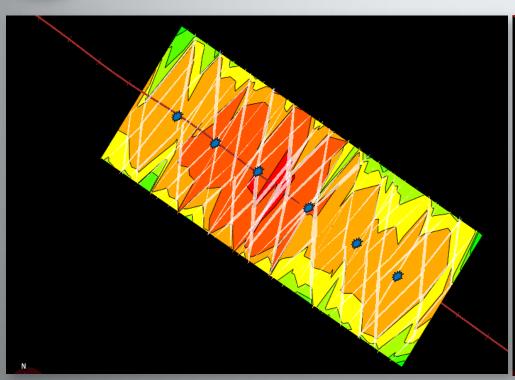


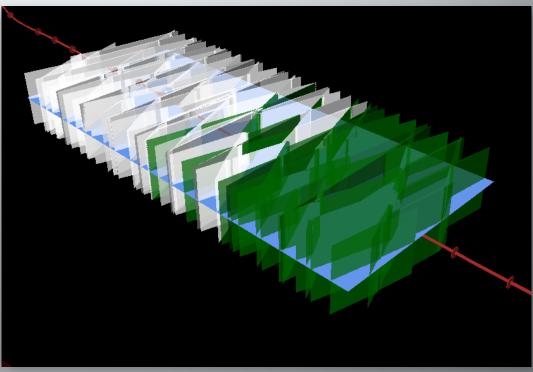
Complex Fracture Modeling



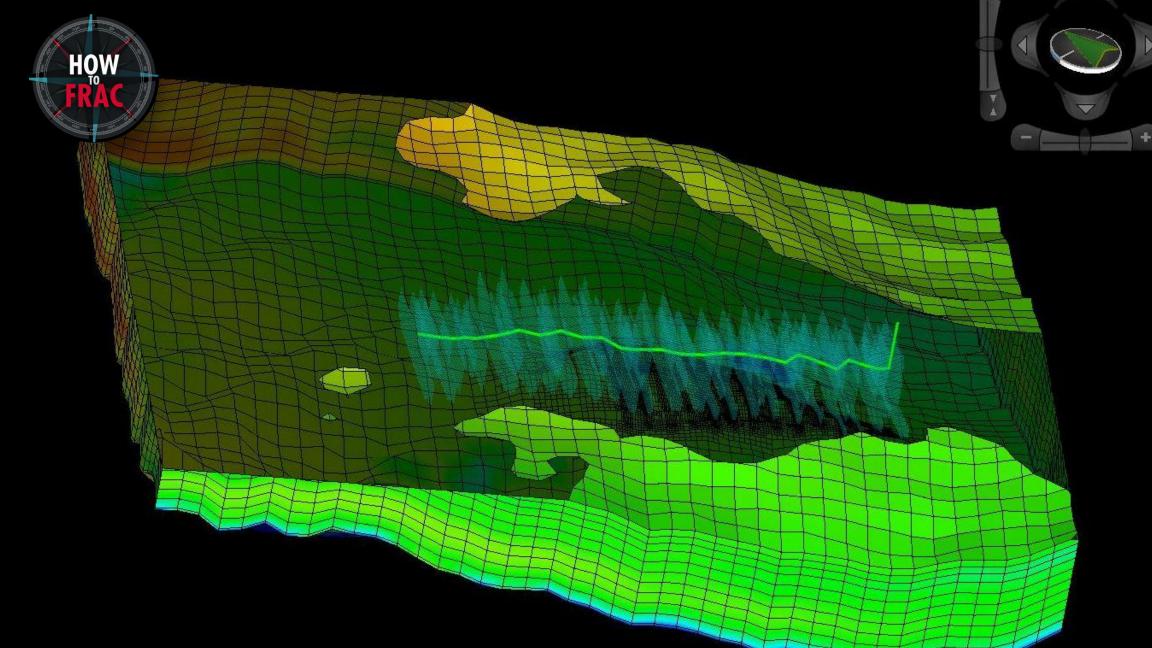


Complex Fracture Modeling

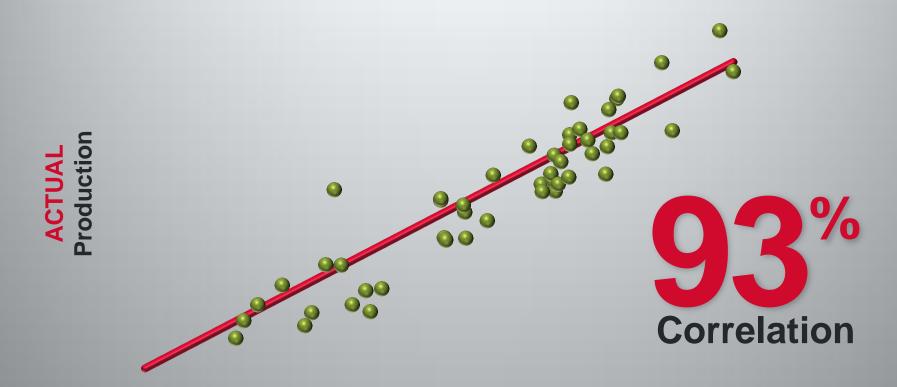






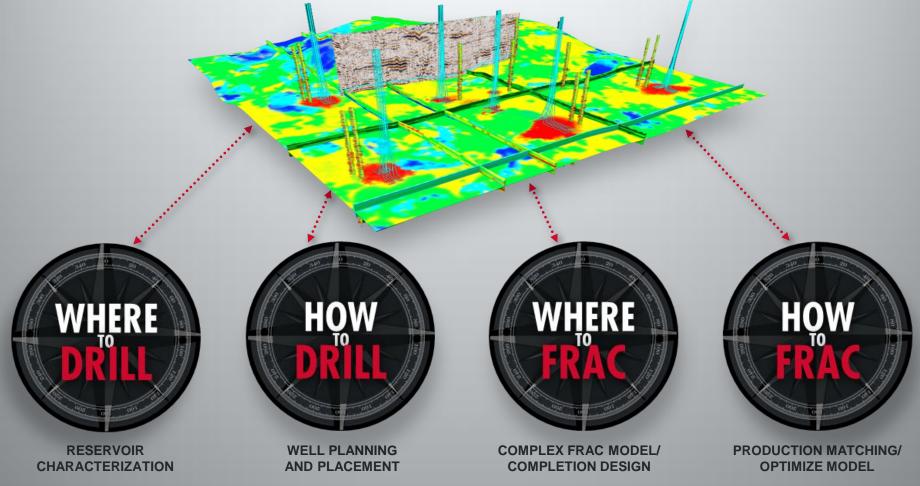


Eliminating Uncertainty – Marcellus Shale, Pa



PREDICTEDProduction

















WELL PRODUCTIVITY



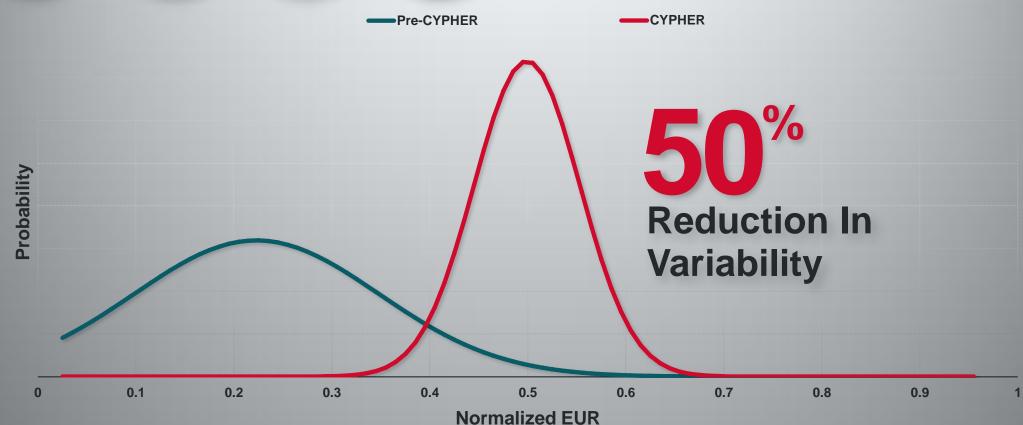
COST PER BOE

(PRODUCTION UNIT COST)



CASE STUDY

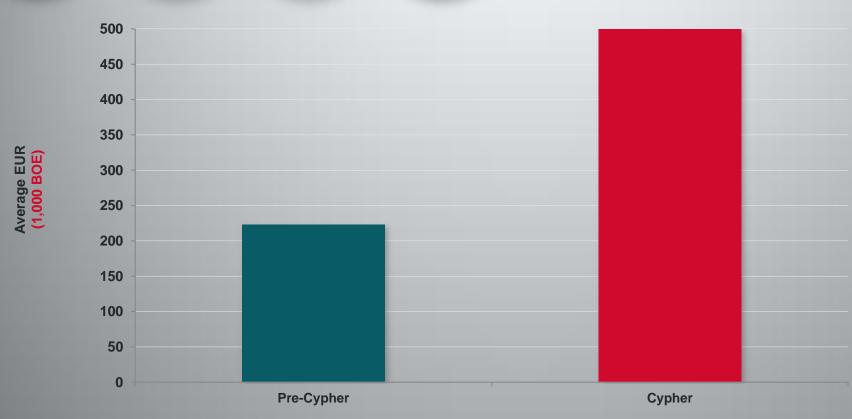






CASE STUDY





124%
Increase in Average EUR