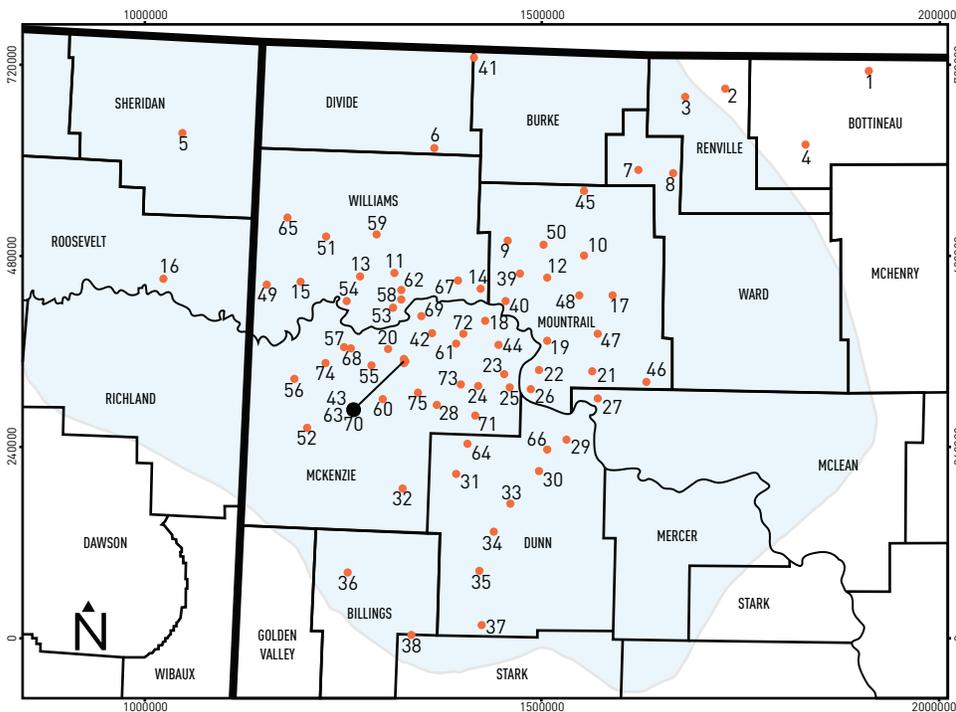# WILLISTON BASIN
MULTICLIENT STUDY

PREMIER COREX

Enhance the accuracy of your petrophysical and geological models *to reduce subsurface uncertainty* and *development risk*

DELIVERABLES

- High resolution chemostratigraphic and lithostratigraphic dataset.
- Elementally derived mineralogy models for the formations of interest, including Bakken and Three Forks.
- Prebuilt Petrel project with enhanced interpretations and mapped reservoir properties.
- Chemofacies interpretations of elemental data.
- Core lithofacies and rock fabric descriptions with associated thin sections.

CURRENT SCOPE

75 CORES

10,000 FT
CHARACTERIZED

FORMATIONS EVALUATED:

- **Lodgepole**
- **Bakken Members**
- **Pronghorn**
- **Three Forks**
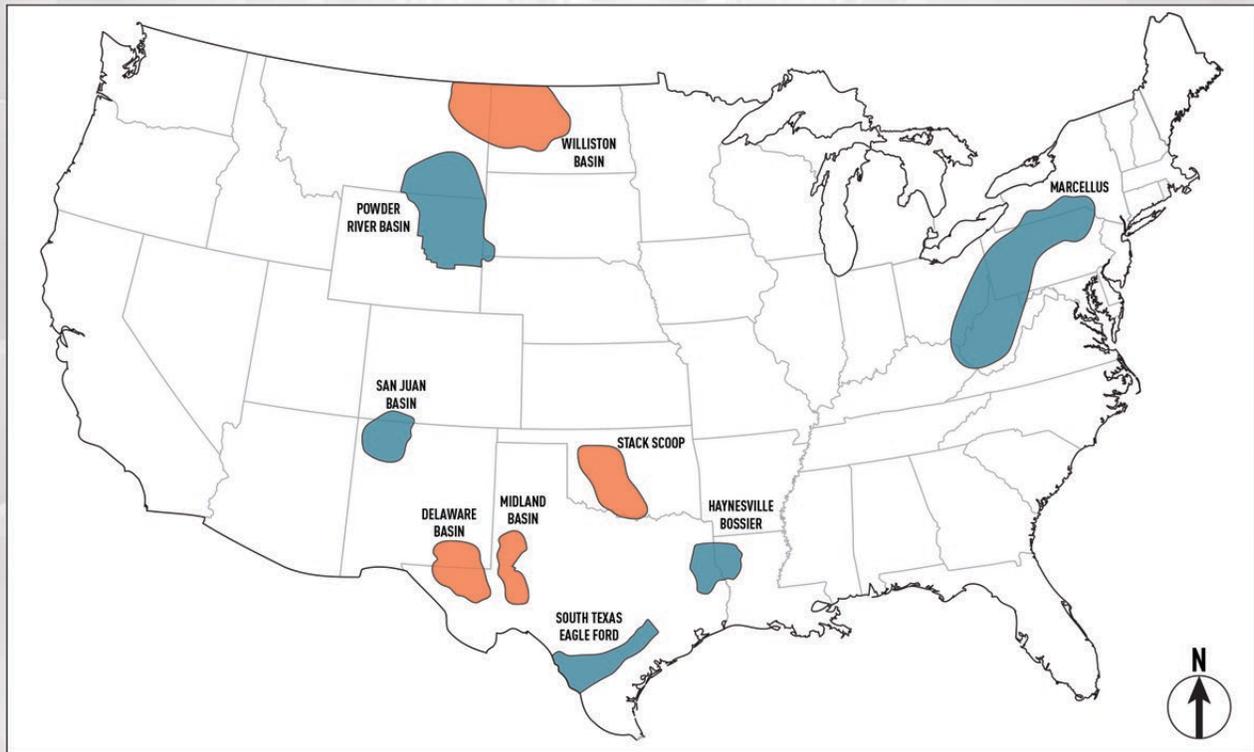- **Birdbear**

Expansion of study upon request.

- 35,000 XRF analyses
- 4,600 XRD analyses
- 1,700 TOC analyses
- 16,000 MRH points

BENEFITS

- Client ready integrated reservoir models that provide high resolution data for use in subsurface exploration, development, completion, and production optimization workflows.
- High-res characterization of reservoir intervals refine calibrations of volumetric calculation.
- Improve correlation and predictability of stratigraphic packages with distinct geomechanical properties for well design applications.
- Refine depositional models based on lithofacies stacking patterns, petrographic data, and chemostratigraphic framework.

Calibrate and refine your *volumetric calculations* through reservoir *characterization at unprecedented resolution.*
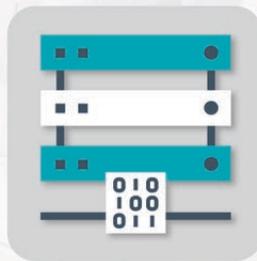
CURRENT AND FUTURE
MULTICLIENT STUDIES

WILLISTON BASIN

POWDER RIVER BASIN

MARCELLUS

SAN JUAN BASIN

STACK SCOOP

DELAWARE BASIN

MIDLAND BASIN

HAYNESVILLE BOSSIER

SOUTH TEXAS EAGLE FORD

N

CURRENT AOI

FUTURE AOI

0   200   400 MI

Generating and sharing relevant data from rock and fluid samples is the key to more effective and more efficient hydrocarbon development.

DATA GENERATION

DATA AGGREGATION

DATA ANALYSIS & INTERPRETATION

BE EFFECTIVE.

AG819