

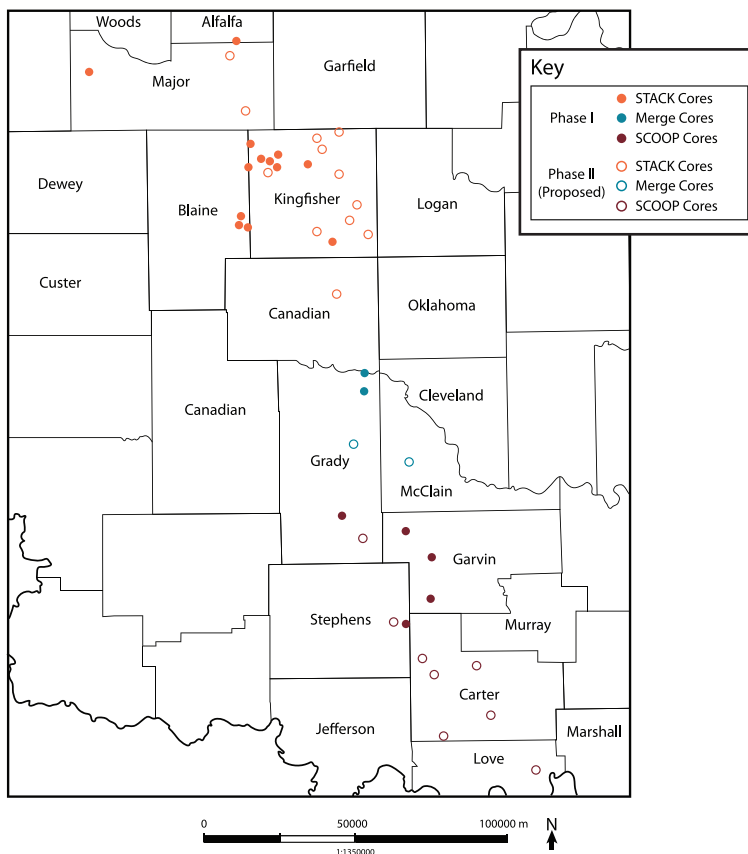
# STACK/SCOOP MULTICLIENT STUDY



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

## KEY BENEFITS

- Enhance accuracy of petrophysical and geological models while reducing risk and subsurface uncertainty
- High-resolution characterization of reservoir intervals refine volumetric calculations and resolve thin bed effects
- Inform landing zone target intervals and optimize completion/well design strategy with geomechanics and fracture simulation modeling
- Improve correlation and predictability of stratigraphic packages with distinct geochemical properties
- Refine depositional models and distribution of reservoir based on lithofacies stacking patterns, petrographic fabrics, and chemostratigraphic framework
- Provide accurate mineralogy to enhance estimate of effective porosity and reservoir pore volume
- Provide accurate total organic content, thermal maturity and saturation data to improve petrophysical models



## PHASE 1 SCOPE

**20 CORES**

**5,000 FT  
CHARACTERIZED**

### PRIMARY FORMATIONS EVALUATED:



- Meramec
- Sycamore
- Osage
- Woodford

**25,000**  
XRF ANALYSES  
AT 2" RESOLUTION

**300**  
XRD ANALYSES  
SUBSET CHOSEN FOR  
CLAY SPECIATION XRD

**100**  
TOC ANALYSES

**6000**  
MICRO-REBOUND  
HAMMER ANALYSES

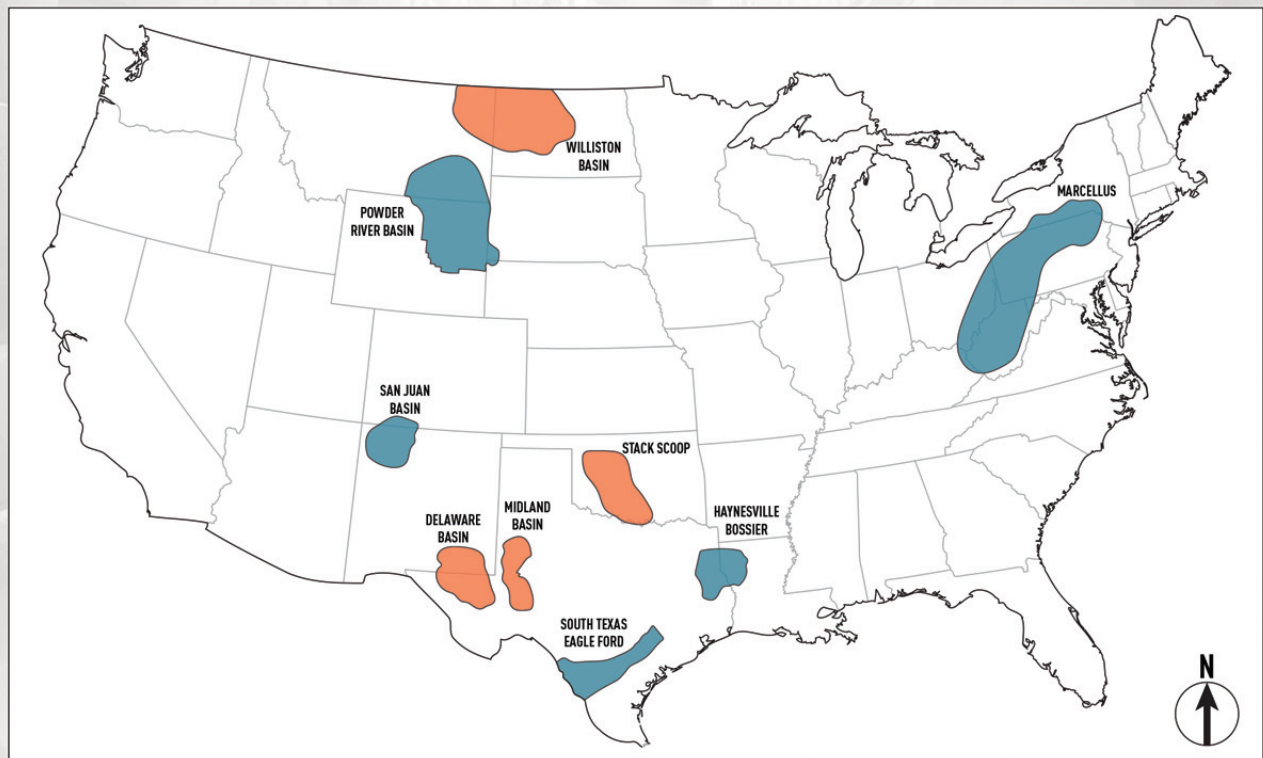
*Expansion of study upon request.*

## DELIVERABLES

- High resolution chemostratigraphic and lithostratigraphic dataset
- Elementally-derived mineralogy models for the formations of interest
- Chemofacies interpretations of elemental data.
- Core lithofacies and rock fabric descriptions with associated thin sections.
- Chemostratigraphic correlation
- Petrophysical logs

Calibrate and refine your volumetric calculations through reservoir *characterization at unprecedented resolution.*

# CURRENT AND FUTURE MULTICLIENT STUDIES



ORANGE CURRENT AOI  
BLUE 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.**

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