

EPOCH is an integrated consulting group headquartered in Houston, TX that assist companies in creating more value by finding upside bypass pay, increasing efficiency and reserves, and overall asset improvement.

## EXPERTISE

### Geology

- Offshore and Onshore Exploration
- Asset Evaluation and Development
- Strategy and Portfolio
- Geologic Interpretation
- Basin and Field Studies

### Petrophysics

- Reservoir Diagnostics
- Cluster Analysis and Data Analytics
- Bypass Pay
- Core Acquisition and Evaluation Program

### Reservoir Engineering

- Production and Operations Optimization
- Completions Design
- Project Management and Development
- Reserves
- Unconventional and Conventional Potential
- Reservoir Evaluation Planning

### Geophysics

- Seismic Interpretation

## TEAM

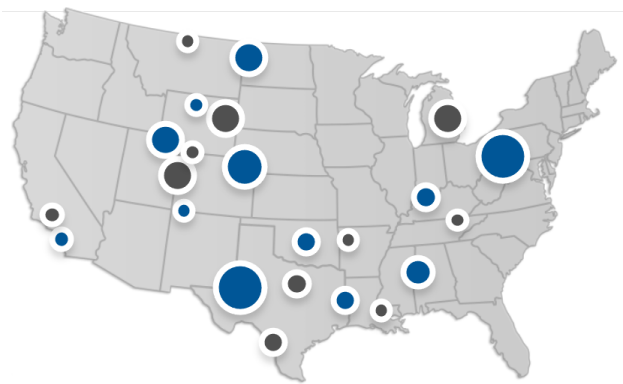
Matt Boyce: Geologist and Petrophysics

Andrew Zitterkopf: Drilling and Reservoir

Kiran Gawankar: Petrophysics and NMR

Sasha Gumprecht: Geophysics

## USON AREAS WORKED



## SUCCESSES

### Asset A&D

- Assisted in the buy, development and sell process of assets for investors, including \$50-350M for PE portfolio companies
- Planned and executed wireline data acquisition, saving client ~\$80k in Permian and Eagle Ford
- Customized Basin Studies to help investors identify most profitable sweet spots in all major unconventional basins

### Technical Analysis

- Predicted Economic Recovery Efficiency for non-Operated partners in Permian and Mid-Con
- New discovery in North Slope Alaska Sands using NMR Core Analysis and log interpretations
- Assisted in development of Core NMR on Drill Cuttings for porosity and permeability measurements
- Determination of Fault complex using well data for infill drilling in Austin Chalk verified by 2D seismic
- Discovered Moorfield shale

### Development and Operations

- Designed and streamlined processes for managing day-to-day field operations
- Devised economically viable development plans for hydrocarbon accumulations and extraction

### Recovery and Production

- Optimized recovery methods for Gulf Coast Sands adding ~10% to recoverable volumes from bypassed pay identification
- Used expertise in log interpretation to increase production by ~10% in Permian Basin
- Created a proprietary engineered completion for laterals that have increased EUR by ~15% in several gas areas
- Created advanced numerical simulation techniques to forecast oil and gas production
- Designed, implemented and managed complex drilling well designs