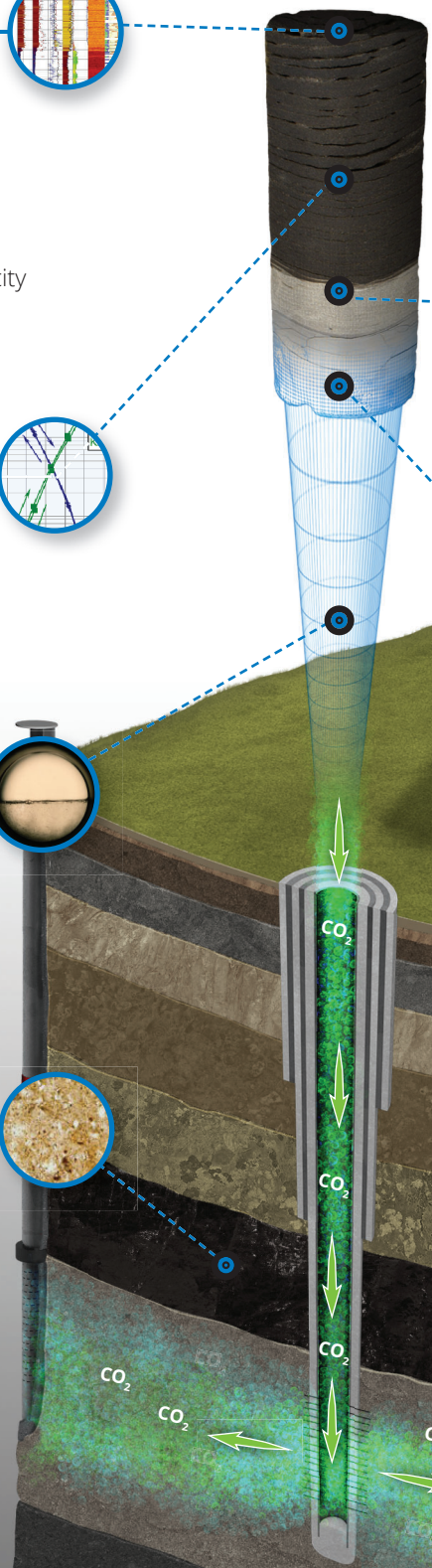
Core Lab
RESERVOIR OPTIMIZATION

# CARBONSEQUESTRATION

Complete Core and Fluid Evaluation




## PETROPHYSICAL CALIBRATION

Physical measurements of the rock to calibrate petrophysical logs and determine storage capacity and injectivity

- Porosity
- Permeability, vertical and horizontal
- Rock Strength, Elasticity, Sonic Velocity
- Pore Volume Compressibility
- Mohr-Coulomb Failure Envelope
- Capillary Pressure
- Saturations

## FLOW ANALYSIS

Fluid and rock compatibility analysis to determine any potential negative impacts to flow

- Relative Permeability
- Formation Damage
- Digital Flow Modeling
- Geochemical Reactions

## FLUIDS ANALYSIS

Analysis of the composition of water to aid predictive modeling

- ICP Water Analysis
- Baseline Composition
- Salinity
- Isotopes
- Geochem Modeling
- Fluid Compatibility

## SEAL EVALUATION

Analysis and calculations for sealing efficiency of upper and lower seals

- Threshold Entry Pressure
- Rock Strength
- MICP Modeling
- Seal Evaluation Toolkit

## DATA MANAGEMENT

Data organization in RAPID™ to allow for visualization and connection to toolkits and applications.

## WELLSITE

Core processing and transport from wellsite and full-service fluids sampling.

- On-site core gamma
- Core package and transport to lab
- Surface or wireline conveyed downhole fluid sampling
- CoreSta℠ Epoxy Stabilization

## GEOLOGICAL CHARACTERIZATION

Classify the physical characteristics of the rock and build iterative model to depict the changing mineralogy, lithology and facies

- RAPIDZoom™ Slab Photography (WL/UV)
- Dual Energy CT
- Core Description
- Fracture Analysis
- Core-Log Predicted Facies Model

## PETROGRAPHY

Detailed description of composition, material and structure of rock at micro-level

- RAPIDZoom™ Thin Section Analysis
- X-Ray Diffraction with clay speciation
- Scanning Electron Microscopy
- LPSA
- Advanced Rock Typing (ART™)

## MONITORING

MRV services to assess quantity and quality

COre$_2$
Carbon Dioxide Reservoir Evaluation

ENERGYPOINT RESEARCH INC
Rated 1st in Core & Fluids Analysis
OILFIELD SERVICES
Customer Satisfaction
2021

*ISO 9001:2000 Certified*

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