HEAVYOIL OPTIMIZATION

COMPLETE EVALUATION OF HEAVY OIL RESERVOIRS

Core Lab

ROCK QUALITY

Physical measurements of the rock to calibrate petrophysical logs

- Porosity
- Permeability, vertical and horizontal
- Archie Parameters
- Rock Strength, Elasticity, Sonic Velocity
- Cap Rock Integrity
- Saturations

LITHOLOGY

Capture images and tomography the core to classify the physical characteristics of the rock

- Dual Energy CT
- Core Description
- Depth Correction

FLOW ANALYSIS

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

- Steam Floods
- Formation Damage
- Solvent Steam Floods

FLUIDS ANALYSIS

Compositional analysis of oil and water to aid predictive modeling

- ICP Complete Water Analysis (with metals)
- Scale Prediction
- Saturation Index Modeling and Predictions
- Compositional Anaysis - GC
- Viscosities and Densities
- SARA

DATA MANAGEMENT

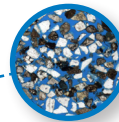Physical and digital tools to help with core and data storage and analysis

- Core and Fluid long-term storage
- RAPID™ Cloud Database
- RAPIDAnalytics™ - Spotfire
- API connection to any platform

WELLSITE

Core processing, preservation and transport from wellsite with available full service fluids sampling

- Pull out of hole schedule
- Surface or wireline conveyed downhole water sampling

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
- PSA / LPSA

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

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