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ROTARY SIDEWALL CORES

Sample Types

- Conventional Core
- Cuttings
- Fluids
- Outcrop
- Percussion Sidewall Cores
- Produced Material
- Rotary Sidewall Cores

Play Types

- CO2 Sequestration
- Coal Bed Methane
- Comprehensive Core and Fluid Evaluation
- Deepwater
- Enhanced Oil Recovery
- Heavy Oil and Bitumen-Rich Sands
- Shale Gas
- Tight Gas Sands

Literature

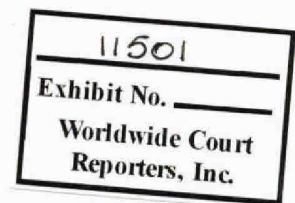
As in percussion sidewall coring, rotary sidewall coring allows numerous core samples to be easily and inexpensively collected in a single run. This method uses a small robotic core bit of approximately 1" in diameter, to drill sideways into the formation. The 2" inch long core is then removed into the main coring tool for retrieval. The process is repeated to collect up to 50 sidewall cores, which can be analyzed using a wide range of petrophysical tests. Since the acquisition process is less damaging than a percussion sidewall core, rotary cores are more appropriate to a wider range of tests.

ROTARY SIDEWALL CORES

- Retrieval/Stabilization
- Core Photography
- CT Scanning
- Custom Photography
- End Trim Photography - Visible and UV Light
- Fluid Saturations (Dean Stark or Summation of Fluids)
- Four Point Klinkenberg Permeability
- Geochemistry
- Grain Density Determination
- Inclined View - Visible and UV Light
- Laser Grain Size Analysis (LGSA)
- Lithologic Descriptions
- Longitudinal View at 90° - Visible and UV Light
- Longitudinal View - Visible and UV Light
- Oil Gravity (Refractive Index)
- Permeability Determination
- Routine Core Analysis
- Sieve Analysis - Wet or Dry
- Acoustic Velocities
- Rock Mechanics
- Triaxial Compressive Test
- Unconfined Compressive Test
- Geological Services
- Palynology/Biostratigraphy
- Scanning Electron Microscopy (SEM) and Energy Dispersive Spectrometry
- Thin Section Prep and Analysis
- X-Ray Diffraction (XRD)
- Salinity Determination

Related Services

- [ROUTINE CORE ANALYSIS](#)
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- [WELLSITE GEOSCIENCE SERVICES](#)
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