



Toroon for Oil & Gas Services

COMPANY PROFILE



COMPANY OVERVIEW

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Excellence, innovation, and extreme commitment to safety have given TOROON the desired status of a trusted provider in the petroleum service industry. Our portfolio of technically advanced services, from drilling to well completion, reservoir management, and technical consulting, will support the entire project life cycle—from exploration through production in oil and gas projects. The sustainable practice of advanced technology, combined with a client-centric approach, underpins our work in fostering future-ensuring energy production.

Our service philosophy centers around leveraging new technologies to optimize drilling and production activities in order to minimize environmental footprint and capital losses associated with traditional techniques.



VISION

To be a leader in the transfer and application of cutting-edge technologies to the energy sector to meet clients' evolving requirements using a cost-effective and solution-oriented approach

MISSION

Introducing niche expertise and advanced technologies to the regional market, TOROON ensures reliable delivery and lasting solutions. This will be sustained by creating an environment that promotes research and development, and pursuit of excellence in all aspects of our services.



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OUR TEAM

OSAMA GHORASHI

General Manager
25+ Industry Experience

LUIS MELO

Operations Manager
25+ Industry Experience

SAMI IBRAHIM

B. Development Manager
25+ Industry Experience

MOHAMED ALI

Marketing Manager
15+ Industry Experience

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TOROON is committed to advancing its services through technology, integrity, and a deep understanding of the industry demands



OUR SERVICES



01

Drilling Services:

- Exploration Drilling
- Development & Production Drilling
- Geothermal Drilling

02

Production Support Services:

- Well Completion
- Production Optimization
- Well Intervention & Workover
- Environmental & Safety Solutions

03

Well Logging Services:

- Open-Hole Logging
- Logging Below Casing
- LWD & MWD

03

Reservoir Development Services:

- Reservoir Characterization
- Field Development Planning
- Well Drilling & Completion Design
- Reservoir Management & Monitoring

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01 Drilling Services

Toroon offers comprehensive drilling services specializing in oil and gas and geothermal applications. We emphasize quality, innovation, safety, cost-effectiveness, and environmental friendliness across our range of services.

- **Exploration Drilling**
 - **Seismic and Core Sampling:** initial exploratory drilling is conducted to investigate the hydrocarbon presence. This involves seismic drilling, core samplings, and expert geological analysis to determine the economical viability of the reservoir.
 - **Reservoir Characterization:** Integrating advanced technologies like MWD (Measurement While Drilling) and LWD (Logging While Drilling) for precise reservoir mapping.
- **Development and Production Drilling**
 - **Well Planning and Design:** We offer well design tailored to our clients' specific needs to achieve the best possible efficiency in resource extraction. Our highly-qualified engineers develop optimized drilling plans balancing project goals and budget..
 - **Onshore/Offshore Drilling:** Be it land or sea, our fleet of rigs and expert crews is so equipped to handle both kinds of jobs. We undertake conventional vertical drilling and horizontal and directional drilling to reach unconventional reserves..
 - **Hydraulic Fracturing:** Hydraulic fracturing services provided by our company ensure maximum production for such tough formations as shale or tight sandstone formations.
- **Geothermal Drilling**
 - **Well Design:** Leading well development for geothermal projects, considering high temperatures and varied geological conditions.
 - **High-Temperature Drilling Solutions:** Specialized rigs and tools for maintaining productivity under geothermal conditions.



02 Production Support Services

The company provides a comprehensive range of well services:

Well Casing, Cementing, and Perforation

- Well Completion Services: Completing wells by setting casing and cementing for stability, and perforating to initiate production.
- Production Optimization: Advanced data analysis is used to optimize the performance of wells to obtain maximum output while minimizing operational costs.

Well Intervention and Workover Services

- Routine Maintenance and Repairs: Our team operates the wells by implementing regular maintenance, inspections, and minor repairs that would keep the wells running consistently.
- Well Stimulation and Acidizing: Our experts use well stimulation techniques, which include acidizing, to enhance the flow pathways to improve productivity.
- Well Abandonment: As wells become un-economic to produce, we provide safe, regulation-compliant plugging and abandonment.

Environmental and Safety Solutions

- Blowout Prevention and Pressure Control: Safety above everything, and our technically advanced blowout preventers combined with pressure control systems minimize the risks related to uncontrolled releases.
- Environmental Protection : Assistance with waste management to spill containment employing practices designed to minimize environmental impact while ensuring full compliance with all regulations.



03 Well Logging Services

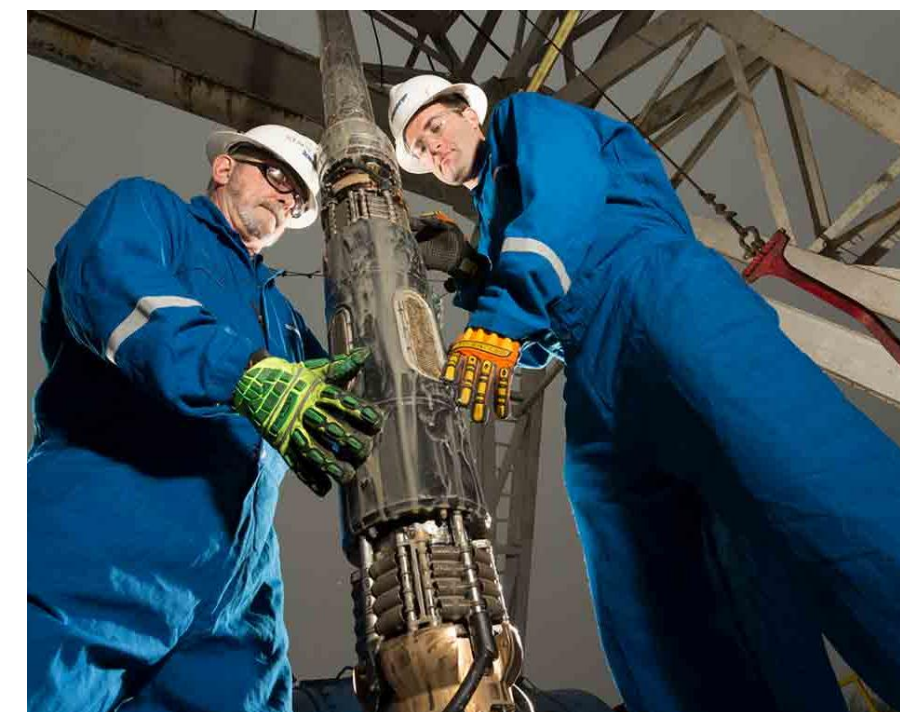
We are committed to delivering high-precision, real-time information to make our clients feel confident and accomplished in making informed decisions about their drilling and production activities. Our comprehensive suite of well logging services provides critical subsurface information that helps optimize operations by lessening risks and improving recovery in the oil and gas industry. Equipped with state-of-the-art tools and an experienced crew, we tackle well logging challenges in a reliable, safe, and high-performance manner.

Open-Hole Logging:

- **Formation Evaluation:** Our open-hole logging service provides real-time data to evaluate reservoir potential regarding porosity, permeability, and hydrocarbon saturation for the client to understand what formations are there prior to the well completion stage.
- **Resistivity Logging:** We carry out measurements of the subsurface formation resistivity to delineate zones containing hydrocarbons or water. This is important in decision-making on the most appropriate zone for production.
- **Density-Neutron Logging:** These logs provide the essential data from rocks such as density, lithology, and porosity for the accurate identification of productive zones by the client.
- **Acoustic logging:** Operates sound waves to evaluate integrity, rock type, and porosity. Sonic logging also helps in estimating wellbore stability and fracking performance.

Cased-Hole Logging:

- **Production Logging:** Our cased-hole logging services help evaluate well performance by measuring fluid flow and detecting issues like channelling or leaks. This service is vital for optimizing production and identifying problem areas within the well.
- **Cement Bond Logging (CBL):** Ensures proper casing support and well integrity by checking cement bond quality between casing and formation, helping prevent leaks and corrosion.

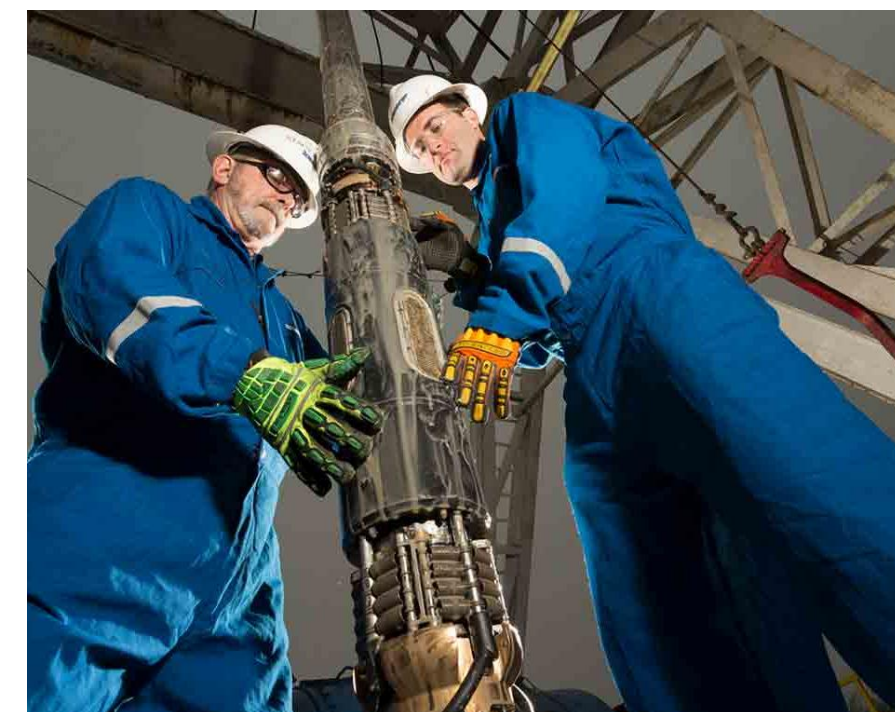


03 Well Logging Services

- **Gamma Ray Logging:** Measures natural radioactivity in formations, differentiating shale from reservoir rocks and aiding in formation correlation.
- **Tracer and Temperature Logging:** Monitors fluid movement and identifies injection or production zones, providing insight into the well's productivity and flow characteristics.
- **LWD (Logging While Drilling) and MWD (Measurement While Drilling):**
- **Real-Time Formation Evaluation:** Our LWD and MWD services offer valuable real-time formation information, allowing immediate adjustments in drilling, reducing drilling risk, and ensuring optimal borehole trajectory.
- **Directional and Horizontal Drilling Support:** Delivers precise directional guidance, ensuring accurate well placement for better resource extraction.
- **Advanced Imaging and Borehole Condition Monitoring:** Through LWD, we offer advanced formation imaging for high-resolution wellbore views and monitoring conditions like washouts or hole enlargement.

Advanced Well Logging Technologies:

- **NMR Logging:** Delivers detailed information on porosity, fluid types, and permeability, especially useful in unconventional and complex formations.
- **Spectral Gamma Ray Logging:** Offers mineral composition data for improved reservoir understanding and completion planning.
- **Borehole Imaging (Formation Micro-Imaging):** High-resolution imaging tools reveal formation textures, fractures, and structural features, ideal for fracture identification, structural mapping, and reservoir quality assessment.



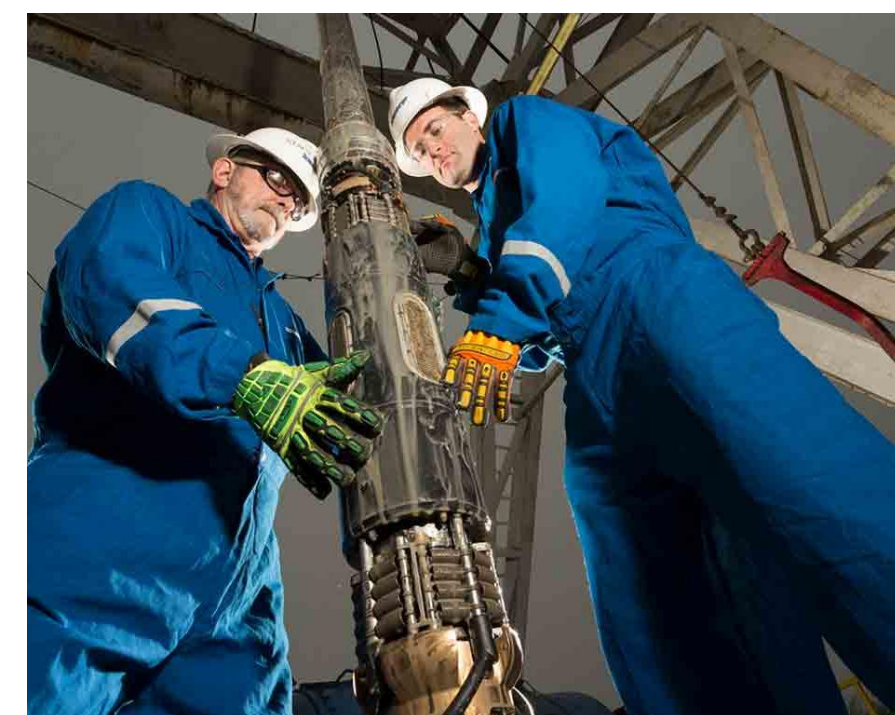
Quality Drilling & Logging Services

Equipment and Technology:

- **Modern Rigs:** Mobile and stationary rigs for numerous types of projects and terrain, each specifically well fitted out with the latest in safety and drilling enhancements.
- **High-Performance Drill Bits:** We use customized drill bits for each project, whether it be PDC, tricone, or diamond-tipped, according to specific geological requirements.
- **State-of-the-Art Logging Tools:** From traditional wireline to advanced LWD/MWD systems, our equipment ensures accuracy and reliability.
- **High-Resolution Imaging:** Leading-edge imaging tools capture detailed formation characteristics, enhancing data interpretation.
- **Integrated Software Solutions:** Our software suite integrates with major data platforms for seamless data collection, analysis, and reporting.

Why Choose Toroon Drilling and Logging Services:

- **Experienced Team:** Skilled engineers, geologists, petrophysicists, and rig crews ensure smooth project execution from start to finish and deliver trusted service and insights.
- **Innovation and Efficiency:** Ongoing investment in technology and training enables efficient, creative solutions.
- **Safety and Environmental Commitment:** Adherence to top industry standards for safe and environmentally responsible drilling.
- **Commitment to Excellence and Integrity:** Our dedication to excellence is matched only by our integrity, ethical practices, and commitment to client success.



04 Reservoir Development Services

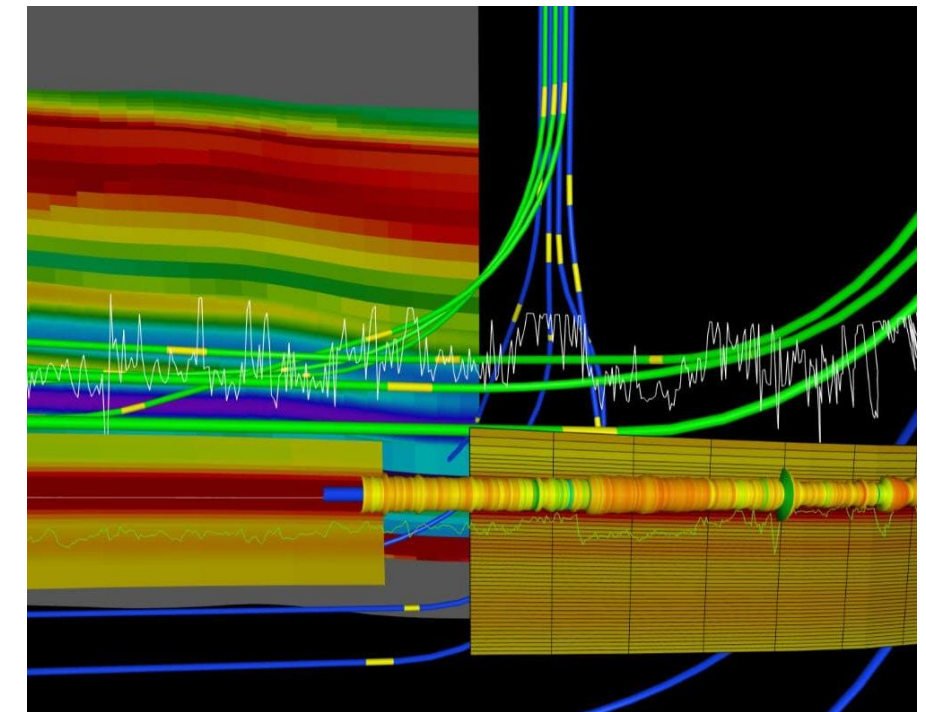
Reservoir Development Services is dedicated to helping clients unlock the full potential of their reservoirs. By providing comprehensive, data-driven solutions, we support clients from the initial planning stages through to enhanced production and long-term management. Our reservoir development services are tailored to optimize recovery, minimize costs, and ensure environmentally responsible practices for oil and gas projects. Our services include:

Reservoir Characterization and Modelling

- **Seismic Interpretation and Geological Mapping:** High-resolution 3D seismic data is used to generate detailed geological maps, identifying reservoir structures, thickness, and continuity to guide well placement and field development.
- **Petrophysical Analysis:** In-depth analysis determines reservoir properties like porosity, permeability, and fluid saturation, aiding reserve estimation and production forecasting.
- **Reservoir Modelling and Simulation:** Advanced software is used to create 3D models to simulate fluid behavior, enabling performance forecasting, optimal well spacing, and efficient production strategies.

Field Development Planning

- **Optimized Well Placement:** Identifying ideal well locations and trajectories to maximize recovery and minimize costs.
- **Enhanced Oil Recovery (EOR) Planning:** Developing advanced EOR strategies, such as water flooding, gas injection, and chemical methods for mature or complex reservoirs to boost extraction rates.



04 Reservoir Development Services

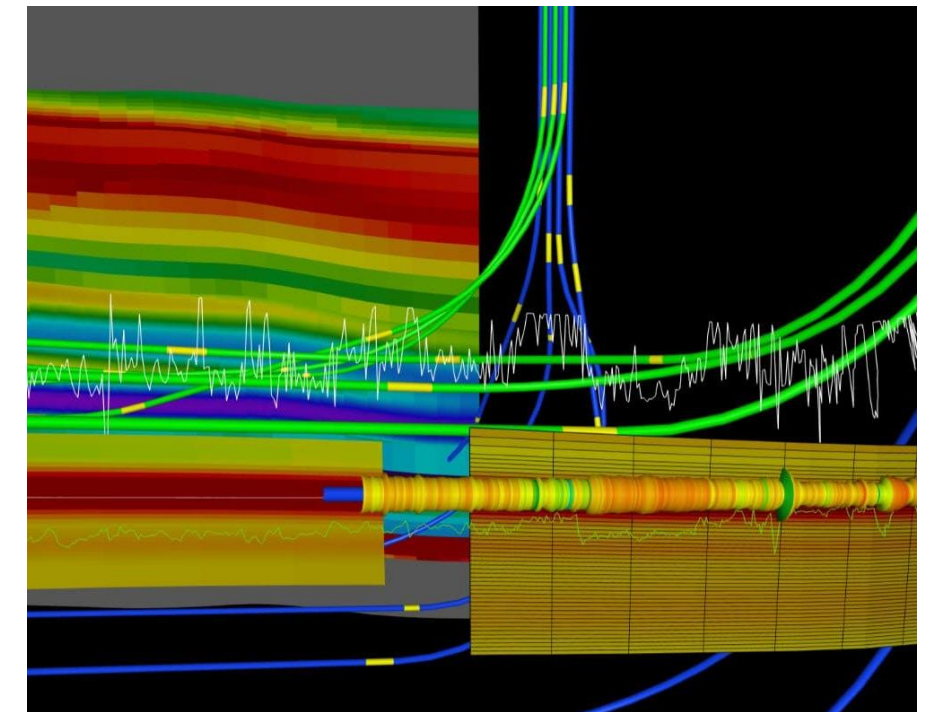
3. Development Scenarios and Economics: Evaluating technical and economic feasibility of various development plans to guide clients in maximizing returns.

Well Drilling and Completion Design

- Drilling Optimization: Developing efficient and safe drilling plans with optimized strategies tailored to various well types, including vertical, horizontal, and multilateral wells.
- Completion Design and Testing: Providing services like casing, cementing, perforation, and stimulation to maximize well productivity, supported by flow tests to validate well integrity and production potential.
- Artificial Lift Selection and Design: Assisting in selecting and designing systems like gas lift, ESPs, and rod pumps to sustain production in low-pressure reservoirs.

Reservoir Management and Monitoring

- Real-Time Reservoir Surveillance: Using real-time data acquisition systems, well and reservoir performance are continuously monitored enabling quick adjustments to optimize production and extend reservoir life.
- Production Analysis and Forecasting: Conducting detailed production analysis and decline curve forecasting to provide insights into reservoir health and guide strategic decision-making.
- Reservoir Surveillance and Enhanced Recovery: Using techniques like tracer surveys, pressure monitoring, and fluid analysis to track reservoir changes over time, enabling adjustments to EOR methods as needed.



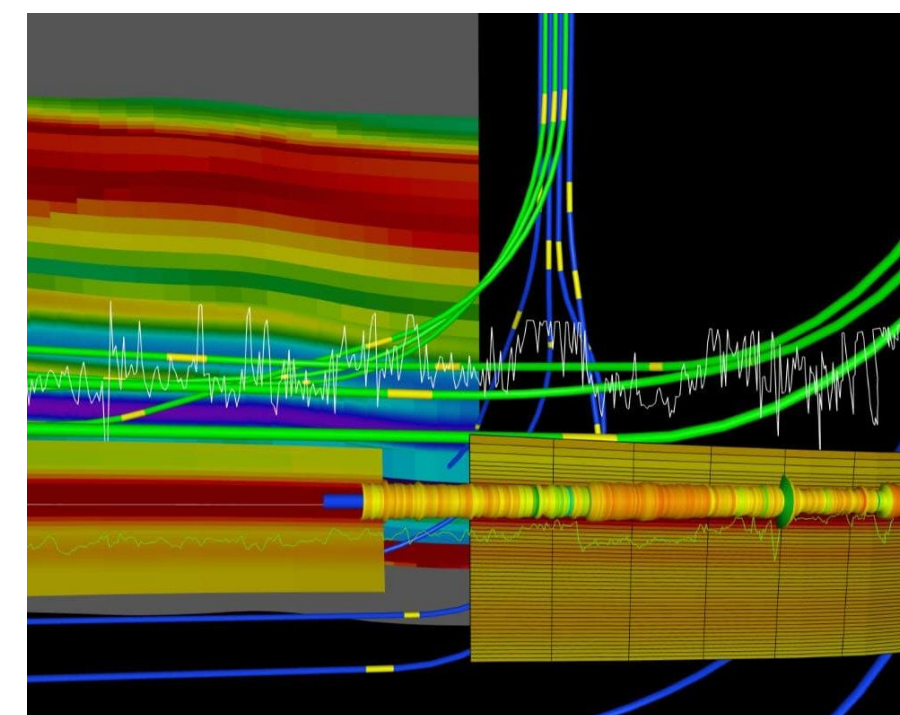
04 Reservoir Development Services

Enhanced Recovery and Carbon Sequestration Solutions

- Enhanced Oil Recovery (EOR) Implementation: We offer turnkey EOR solutions, implementing advanced recovery methods like thermal recovery, CO₂ injection, and surfactant-polymer flooding to increase recovery rates in challenging reservoirs.
- Carbon Capture, Utilization, and Storage (CCUS): Our team provides reservoir assessment and site selection for CO₂ storage projects, helping clients develop sustainable carbon sequestration solutions that align with regulatory requirements.
- Gas Injection and Storage Solutions: We design and implement gas injection projects for both production enhancement and underground gas storage, ensuring safe and efficient handling of injection and withdrawal cycles.

Data Integration and Digital Solutions

- Advanced Data Management and Visualization: We use leading digital tools and platforms to integrate data from seismic, well logs, production, and geophysical sources, providing comprehensive, easy-to-interpret models for decision-making.
- Machine Learning and AI-Driven Analytics: Leveraging AI and machine learning algorithms, we analyze complex datasets to uncover patterns and optimize reservoir management strategies.
- Remote Monitoring and Control: Our digital systems offer real-time monitoring and control over well and reservoir parameters, allowing for fast responses and enhanced operational efficiency.



Safety and Environment

Advanced Safety Protocols

Safety is the cornerstone of our operations, adhering to strict industry standards.

Environmental Compliance

Responsible drilling logging practices, including low-impact, non-invasive drilling and logging technologies, help minimize our environmental footprint.

Environmental Stewardship

We employ environmentally responsible practices, such as reducing emissions, minimizing land impact, and adhering to all regulatory guidelines.

Risk Assessment and Management

Our team conducts thorough risk assessments to address potential environmental, technical, and operational hazards.

Our Commitment

We commit to prioritize safety and environment at every stage of our reservoir development process, from drilling to EOR, capitalizing on our high-resolution reservoir models.





CONTACT US

For any inquiries and further information about our company, please reach out to us. Contact details are provided below to connect with our representatives directly. We look forward to hearing from you.

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THANK YOU



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