



CAHYA MATA™

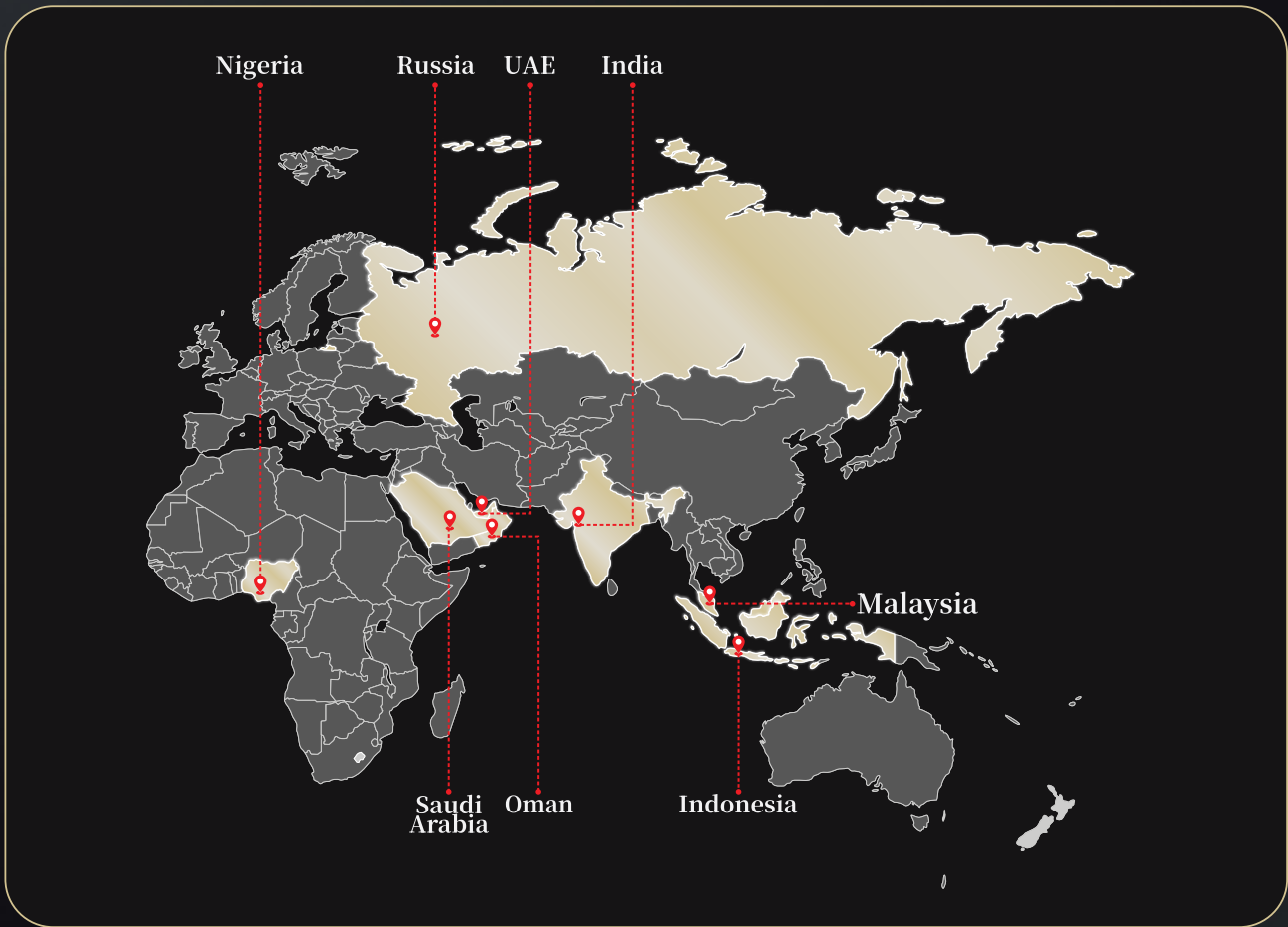
OILTOOLS

CAHYA MATA OILTOOLS



YOUR VALUED PARTNER IN DRILLING FLUIDS AND
DRILLING WASTE MANAGEMENT SOLUTIONS

STRATEGIC HUBS, GLOBAL STANDARDS



Countries



Wells Serviced



Experience in
Oilfield Services

Cahaya Mata Oiltools operates at the intersection of global excellence and local agility. Our 8 strategic hubs worldwide allow us to combine global operational standards with deep local insight, providing the infrastructure to deliver customised products with unmatched reliability and speed.

Driven by our Global Research and Technology Centre (GRTC) in Malaysia, our R&D ecosystem transforms knowledge into practical solutions for partners worldwide.



MORE THAN FOUR DECADES OF UNRIVALLED EXCELLENCE

In 2022, Cahya Mata expanded its global footprint by venturing into the oil & gas support services industry. Since then, we have evolved into a technically sophisticated global entity. Today, our footprint spans from Asia to Europe and West Africa, providing the infrastructure and expertise required to support the world's most complex energy projects. Every operation we lead is anchored by a "Safety First" mandate and strict adherence to international regulatory frameworks.

Cahya Mata Oiltools is a trusted partner in delivering reliable solutions in drilling fluids and providing integrated drilling waste management services to upstream operators. Our focus is straightforward:

**MAXIMISE PERFORMANCE WHILE OPTIMISING
OPERATIONAL COSTS.**

CORE SERVICES AND CAPABILITIES



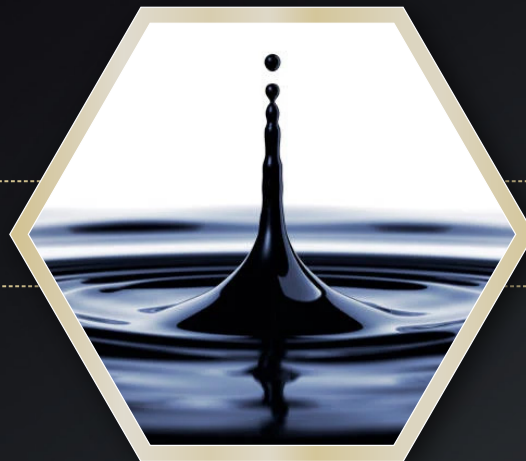
DRILLING FLUID PRODUCTS

Oil / Synthetic Base Mud

- CONFI-DRILL: stable below 300 °F
- CONFI-DENSE: stable up to 450 °F and 18ppg
- CONFI-DEEP: flat rheology in wide range of temperatures
- OPTA-VERT: Drill-in Fluids
- EXTRA-VERT: Ester OMC 586, environmentally safe alternative

Water Base Mud

- POLYMER-MUD
- HYDRO-FOIL: K+ ion, PH Polyacrylamide, Lube
- HYDRO-FOIL GEN 1: K+ ion, PH Polyacrylamide, Glycol, Lube
- HyPR-DRILL: High Performance Water-Based Mud (HPWBM)
- HYDRO-FOIL S8: K+ ion, Silicate, Lube
- HYDRO-THERM: HTHP water mud stable up to 400 °F
- RHEO-PLEX: Mixed Metal Oxide to drill through vogue and fracture
- OPTA-FLO: Drill-in Fluids - Non damaging reservoir fluids



Brine

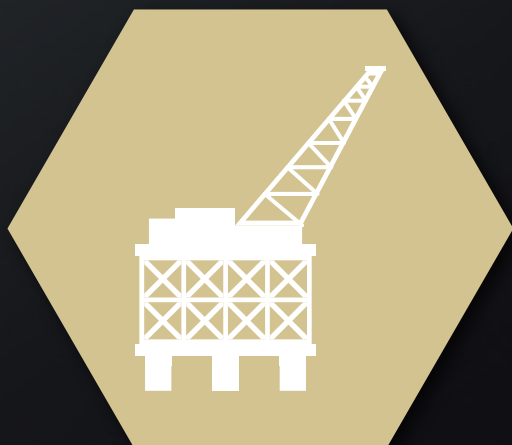
- SODIUM CHLORIDE
- POTASSIUM CHLORIDE
- CALCIUM CHLORIDE
- SODIUM / POTASSIUM / CESIUM FORMATE - HEAVY BRINE
- SODIUM / CALCIUM / ZINC BROMIDE - HEAVY BRINE

Wellbore Clean Up and Breaker System

- WBCU: WB SOLVE
- WBCU: WS 601 (pcg product)
- Breaker: OPTA-SOLVE
- Breaker: CONFI-SURF

Drilling Fluids & Chemicals

We deliver total wellbore control through chemical formulation and drilling fluids engineering optimisation



Complete Drilling Fluid Portfolio

- Full suite of Water & Non-Aqueous systems (WBM, HPWBM, OBM, SOBM)
- Integrated supply of specialty & commodity chemicals
- Able to support state-of-the-art Liquid Mud Plant for rapid deployment and quality assurance



Challenges



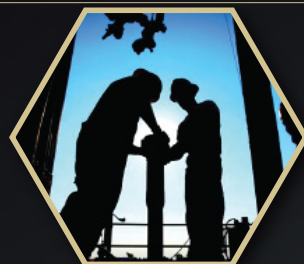
Our Solutions



HTHP Well Engineering with SOBM Systems

A client required specialized mud engineering for High-Temperature High-Pressure (HTHP) wells, risking wellbore stability and project viability.

We provided Mud Engineering Services supported by our proprietary Synthetic-Oil-Based Mus (SOBM) and associated chemicals, specifically designed for extreme temperature and pressure stability.



Wellbore Cleanup & Displacement Services

Ensure a debris-free wellbore post-drilling to guarantee successful completion and avoid costly remediation.

Provided wellbore cleanup chemicals and fluid engineering services, designing and executing a displacement program tailored to the well's specific geometry and fluid properties via strategic partnerships with tools.



Integrated Drilling Fluids & Logistics

Execute a complex drilling campaign requiring a seamless supply chain of drilling fluids, barite materials, and associated equipment, eliminating

Delivered a fully integrated, one-to-end service, managing the provision of all drilling fluids, materials, and equipment from sourcing to wellsite delivery.

DRILLING WASTE MANAGEMENT

We are able to minimize environmental impact and maximize operational efficiency, supported by highly skilled personnel ensuring flawless execution from installation to maintenance.



Reduction

Advanced Solids Control technologies to reduce waste at the source



Recycling

Secure Containment & Handling to enable fluid recycling and reuse.



Treatment

Comprehensive Treatment & Disposal solutions to meet strict regulatory standards



Engineering

Dedicated Engineering Services to design and optimize the entire waste lifecycle.

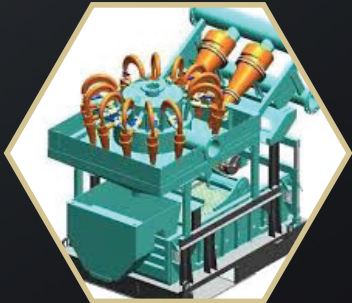
Drilling Waste Management



Challenges



Our Solutions



Large-Scale Mud System Equipment Rental

A key operator required a rapid, large-scale deployment of drilling mud cleaning systems to support a major drilling campaign across multiple fields in Nizhnevartovsk and Megion.

Successfully leased and supported 15 complete sets of drilling mud cleaning system equipment, ensuring full operational readiness and providing ongoing maintenance and technical support.



Filtration Services

Clean completion brine is required to ensure every well flows without issues. It is essential to eliminate suspended solids down to 2 microns to ensure a clean brine is pumped and spotted to the well during the completion stage.

Provided a comprehensive filtration service to oil companies for various brine types, from Sodium Chloride to Cesium Formate.



Top Drive System Maintenance Program

A major drilling contractor experienced significant non-productive time, accidents, and downtime across 30 rigs due to frequent Top Drive System (TDS) failures.

We developed and implemented a comprehensive, proactive servicing scheme to maintain TDS operability across the entire fleet simultaneously.



Mud Cooler Services

Ensuring drilling fluid temperature remains within a safe and optimal range during HTHP offshore operations is critical to prevent damage to rig surface equipment and ensure the safety of personnel handling the fluids.

Provided mud coolers for HTHP wells to effectively manage drilling fluid temperatures. The service included equipment rental and on-site technical support to ensure safe and efficient operations.

Drilling Waste Management



Challenges



Our Solutions

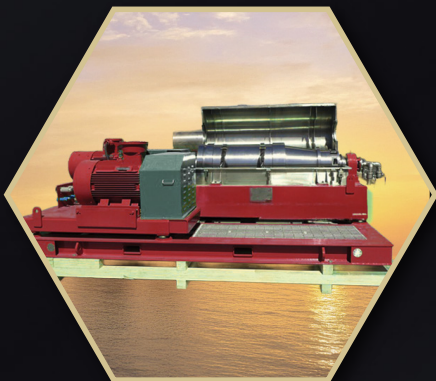


Cutting Dryer

Managing hazardous and contaminated drill cuttings while maintaining environmental sustainability is a major challenge in drilling operations.

Our latest Cutting Dryer ensures compliance with Environmental Protection Agency (EPA) standards by maintaining a Retention on Cuttings (ROC) of just 6.9%.

Its high loading capacity improves drilling efficiency, increases Rate of Penetration (ROP), and reduces drilling hours, delivering both environmental protection and operational savings.



Centrifuge

Solid control equipment is critical for mud treatment and wellbore stability during drilling.

Our premium quality of high-speed Centrifuge, proven across diverse drilling operations, delivers reliable solids control to maintain mud quality.

Efficiency depends on equipment quality, operating procedures, and proper selection to ensure low-gravity solids (LGS) are effectively managed in the mud system.

With best practices in planning and setup, it ensures smooth operation, consistent performance, and enhanced drilling efficiency.



Repair, Refurbishment and Overhaul (RRO)

Our RRO operations face critical challenges such as:

- Shortages of experts
- Supply chain disruptions
- Complexity of managing aging equipment
- Long turnaround times
- Rising costs inflation

Our RRO solutions leverage:

- Digital transformation
- Predictive maintenance
- Optimised inventory management to reduce downtime and costs.
- By using advanced monitoring technology, automating workflows, and adopting real-time supply chain visibility software, we streamline operations and improve efficiency.
- Our in-house service and maintenance expertise further strengthens our ability to deliver reliable external support.

CORE SERVICES AND CAPABILITIES



OIL WELL CEMENT



API SPEC 10A Certified

Drilling operations demand cement that can withstand extreme downhole conditions, ensure well integrity, and meet strict international standards.

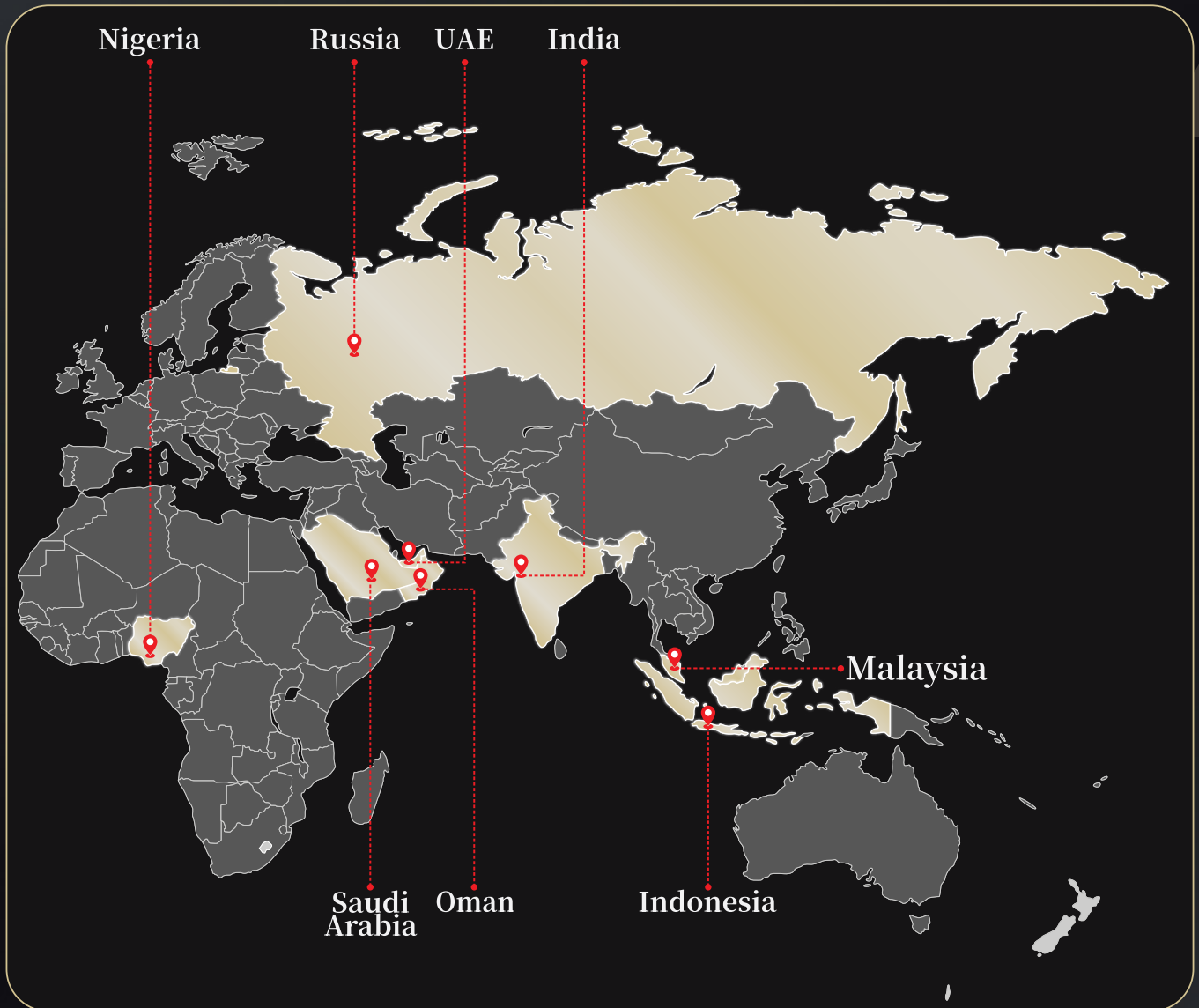
Reliability, certification, and consistent supply are critical to maintaining safe and efficient operations.

Our oil well cement is proudly produced by Cahya Mata's Cement Strategic Business Unit (SBU).

Our Bintulu cement plant stands as the only cement facility in East Malaysia accredited with API 10A certification, underscoring our commitment to international standards and quality assurance.

Designed to withstand the toughest drilling environments, our cement delivers resilience, durability, and well integrity. With a dedicated plant and storage silo ensuring consistent supply, we provide reliability that operators can count on.

CONTACT US



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