


RC 1868824

CRYSTALWAVE

COMPANY PROFILE

# WHO WE ARE

- Crystalwave Limited was incorporated as aLimitedLiability Company in 2021 under the Nigeria Companies and Allied Matters Act 2020. We are a quality-driven energy services company involved in Oil and Gas Drilling, Well Services, Construction, Power generation/distribution, General Engineering, Procurement, Logistics, Installation, Commissioning etc.

- Crystalwave is a 100% Nigerian-owned company registered with the Nigerian Content Development and Monitoring Board (NCDMB).

- Since her establishment, Crystalwave has been actively involved in the safe and efficient execution of projects within the Oil, Gas, Power, and Construction sectors.



## VISION STATEMENT

Our vision is to become a world-class energy resource and engineering service provider.

## HSE POLICY STATEMENT

At Crystalwave , the safety of employees, client representatives and service providers is our greatest responsibility. We believe that all employees are responsible for working in and creating an incident free workplace. All employees at Crystalwave are given the training, tools and empowerment necessary to be individually responsible for the safety of themselves and their co-workers.

# CHAIRMAN'S ADDRESS

**Over the years, Crystalwave has built a strong reputation by rendering quality services to various players in the Oil, Gas, Power, and Construction sectors.**

**Our mission is to guarantee reliability, quality and customer satisfaction while providing global standard services to our clients. At Crystalwave, the delivery of first- class services is our priority!**

**Crystalwave commenced operations in 2022. Presently, we are growing to operate, 1 Land Drilling Rig, 1 Jack-up rig, 1 Swamp Rig, a 24 n Suction/Cutter Dredger etc.**

**At Crystalwave, we believe that "our people" are our greatest asset. We have a team of highly dedicated technical and non-technical professionals focused on technical operations. Strategy, business development, contract relations, HSE. Compliance etc. With a staff strength of over 100 dedicated personnel, we apply our skills and business intelligence in all our operations. We are determined to make lasting impact in the Oil, Gas, Power and Construction industries.**

**Welcome onboard**

**Chairman**





# OUR SERVICES

- RIG RENTAL & WELL ENGINEERING SERVICES
- RIGSITE CONTRUCTION/ PREPARATION & PILING SERVICES
- DIRECTIONAL DRILLING/MWD SERVICES
- MUD ENGINEERING/ MUD LOGGING SERVICES
- SOLIDS CONTROL/ WASTE MANAGEMENT SERVICES
- CASING/ TUBING SERVICES
- LINER HANGER SERVICES
- WIRELINE/ E-LINE SERVICES
- CEMENTING & PUMPING SERVICES
- WELLHEAD/ XMAS TREE SERVICES
- LOGISTICS/ TRAINING SERVICES
- COILED TUBING SERVICES
- EQUIPMENT RENTALS & POWER GENERATION SERVICES
- CATERING SERVICES
- DRILLSITE SUPERVISION SERVICES
- GENERAL CONTRACTING, ENGINEERING & CONSTRUCTION SERVICESS
- PROCUREMENT SERVICES
- COMMUNITY RELATIONS & SECURITY SERVICES
- WELL INTERVENTION & WORKOVER SERVICES
- MARINE LOGISTICS SERVICES
- OILFIELD CHEMICALS



## LAND RIG RENTAL SERVICES

We operate the most modern fleet of AC/VFD land drilling rigs in Nigeria.

Versatile rigs with Capacities (a) Discovery Rig 201 (2680 horsepower) (b) Discovery Rig 202 (3000 horsepower) For rigs manufactured in accordance With IS09001, API Standards which are capable of drilling to a maximum well depth of 25,000 feet, our competent rig crews have a record of delivering safe and high quality wells.

We are amongst the few land drilling Contractors with a 15,ooopsi BOP in Nigeria.

## JACK-UP RIG RENTAL SERVICES

Crystalwave is a leading contractor of jack-up rigs. Our strategy is to leverage years of industry experience and an outstanding track record to provide best- in-class drilling operations for our customers.

Crystalwave is a market leader with strong experience injack-up operations. We have a Long-term commitment to our existing footprint. We are committed to safety and operational excellence. Crystalwave is focused on building strong long-term relationships with customers and suppliers, We are led by an experienced team with proven industry leadership.



We provide an experienced and multidisciplinary well engineering team capable of designing wells and drilling programs which allows for maximum production and good return on investment.

# WELL ENGINEERING SERVICES

- Well Design/ Directional Drilling
- Mud Logging/ Mud Engineering
- Cementing/ Pumping Services
- Well plug and abandonment
- Drilling performance optimization



Crystalwave can efficiently deliver your well engineering expectations in a safe, timely and cost-effective manner. We have a competent team of Wellsite supervisors, Directional Drillers, Mud Loggers, Mud Engineers, Rig crew and experienced cementing professionals to ensure optimal delivery of wells for our clients.

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- Design and manufacturing of land oil drilling rigs
- Design and manufacturing of offshore drilling platforms
- Equipment leasing and maintenance services
- Engineering and technical services for oil fields

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Stricter environmental regulations around the world have greatly influenced drilling fluids and the associated wastes generated from drilling a well. We are focused on creating innovative, cost-effective solutions to address the oil and gas industry's environmental requirements. We offer products, equipment, and services that mitigate or eliminate the harmful environmental impact of oil and gas exploration and production.

# SOLIDS CONTROL & WASTE MANAGEMENT

## Our Solids Control Equipment:

- Vacuum Transfer Pumps
- Recovery Tanks
- Diaphragm pumps
- Mono Pumps
- Hi G Dryers
- Portable Pressure washers
- Graco pressure washers
- Rig floor Mud VAC liquid recovery units

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# LOGISTICS & TRAINING SERVICES



Supply chains have become very complex and global. Logistics management requires a tireless commitment to higher service levels and faster cycle times while reducing total costs. This is what Crystalwave stands for.



Crystalwave Limited has been actively involved in marine logistics, and we operate 3 offshore Vessels. We pride ourselves in delivering technically- difficult tasks in a professional and cost-effective manner.

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# OFFSHORE VESSELS OWNING & CHARTERING

Crystalwave Limited has been involved in Offshore Vessels Chartering for over 2 years. We are currently operating a total of 3 Offshore Vessels in our fleet. We are capable of executing any technically difficult project. Over the years we have been able to safely deliver all projects with zero LTI.



FIELD SUPPLY VESSEL



24" x 24" JET SUCTION DREDGER

## Our services include:

- Provision of field supply vessels to offshore platforms
- Provision of specialized mooring and towing services
- Offshore crew accommodation services
- Provision of navigational support services for offshore vessels
- Standby fire fighting services
- Anchor handling services

Support for underwater diving activities

| S/N | Vessel type | Length(m) | Breadth (m) | Depth (m) | DWT | GRT | BHP | Bollard Pull | Accommodation |
|---|---|---|---|---|---|---|---|---|---|
| 1 | UTILITY VESSEL | 60.1 | 12.8 | 5.4 | 981 | 971.7 | 5665 | 80 | 23 |
| 2 | DPI AHTSV | 57.2 | 12.2 | 4.9 | 1067.8 | 858 | 5000 | 65 | 17 |
| 3 | FLAT TOP BARGE | 48 | 15 | 5 | | 1039 | | NA | |

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# MUD ENGINEERING AND BRINE FILTRATION SERVICES

We offer reliable mud engineering services with demonstrated technical capabilities and a team of highly experienced engineers, making us one of the most reputable mud engineering service providers in Nigeria's oil and gas industry. We have mud engineers with extensive expertise working on various mud engineering projects in the oil and gas industry. Our mud engineers can run dispersed water-based systems, diesel oil-based systems, and polymer glycol systems in a variety of well conditions.

With the support of our cutting-edge innovation and facilities, our mud engineering service division can provide immediate solutions to numerous field challenges.

# CASING & TUBULAR RUNNING SERVICES

Crystalwave Limited offers a wide range of Casing & Tubing Running Services using the best quality casing tools in the industry. Our tubular running services delivers safe and efficient running of casings & tubings and reducing nonproductive time.

We have in our inventory a large pool of advance tubular running equipment, tools like Hydraulic Power Tongs, 6 Cylinder Power Packs, Elevators, FMS, Computerized Torque Turn Equipment, Consumables and Casing Crew, Handling Tools etc.





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# CATERING SERVICES

**Crystalwave through its subsidiary, J-Squared Logistic Services Nig. is focused on providing catering and facilities management services to businesses in the upstream oil & gas sector. J-Squared is a professional catering support service provider in Nigeria. J-Squared is 100% Nigerian-owned, and currently provides quality service to several clients within the Nigerian oil and gas sector.**



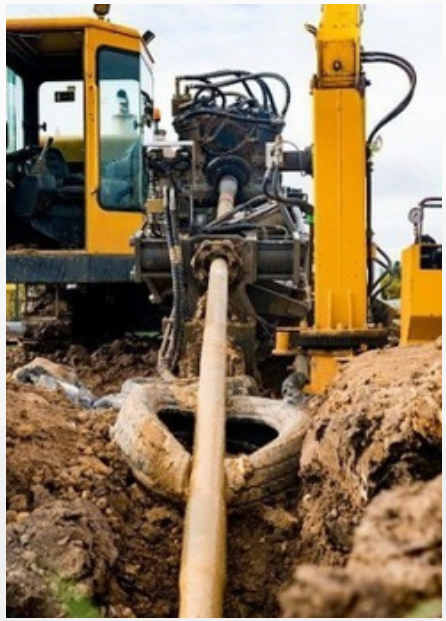
Our services are carried out in conjunction with our technical partner:

- ☐ HABO NIGERIA OILFIELD SERVICES CO. LTD
- ☐ HILONG OIL SERVICE & ENG. NIG. LTD

**ENGINEERING, PROCUREMENT, INSTALLATION, AND COMMISSIONING**

We have a strong working relationship with our technical partners: which is why we have been able to successfully execute construction, maintenance, well services, and other oilfield projects. We can overhaul a whole flow station facility, Construct and install process pipings, flow Lines, pipelines and supply various oilfield equipment and tools.



RC 1868824
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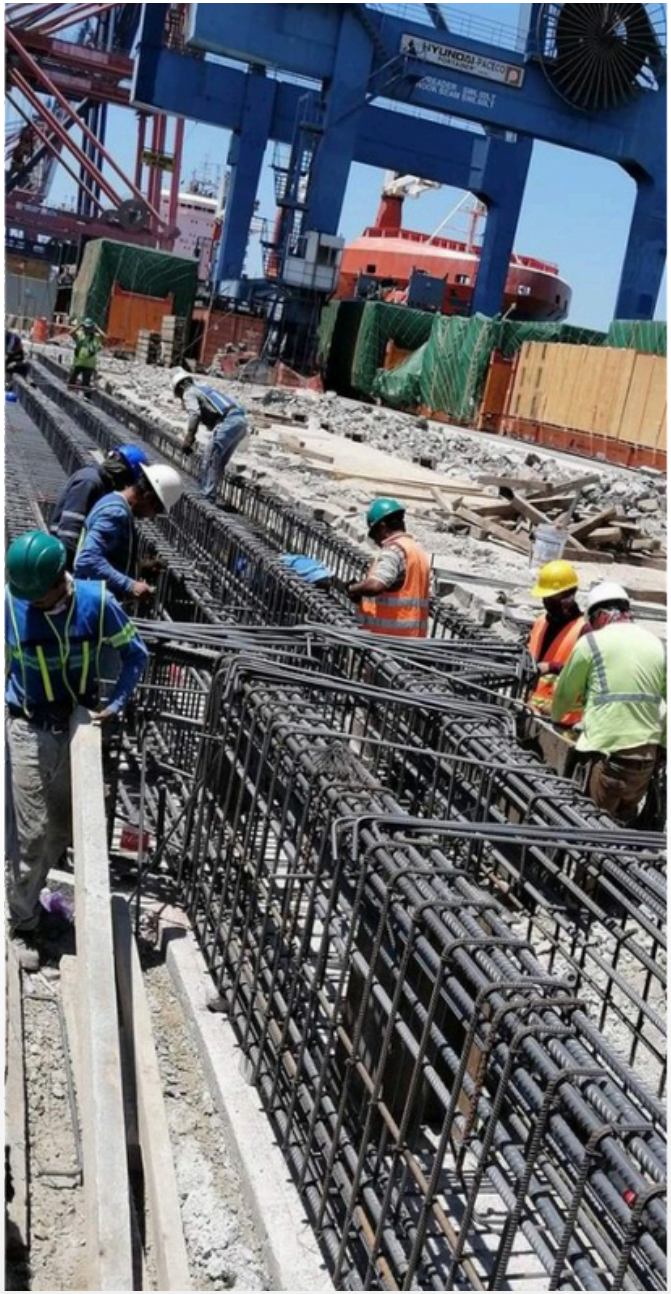

# WELL SERVICES, LOGGING & TESTING

Our Well Testing offerings include, Surface Well testing services, Multiphase Measurements as well as Wireline & Slickline technology.




We offer integrated well testing services in the exploration, appraisal and development phases of oil and gas wells. We pride ourselves in the provision of newer, faster and more precise testing results through innovation and superior service quality.

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# RIGSITE PREPARATION & PILING SERVICES

We critically assess drill site locations in order to tackle any logistic problems and ensure optimum placement and layout of the rig site. Crystalwave has a record of negotiating successfully with host communities to provide mutually the rig beneficial work relationship for and the host community.

Crystalwave limited has a solid track record of exceptional contract performance in piling works. We have a pool of talented and experienced piling specialists with strong experience in piling operations.

Our diverse range of piling services includes drilled and driven piles, concrete piles such as screw piles, caissons, earth retention and ground improvement systems.

This wide range of services means we offer a comprehensive and integrated approach to our construction projects with the expertise to design, plan and install intricate foundation systems, piling, and civil works.

# OILFIELD CHEMICALS

## Upstream Chemicals and Specialty Fluids

Operators and service companies use our specialty chemicals and fluids to help them improve performance and reduce costs. Our range of upstream oil and gas chemicals include:

- Oilfield production chemicals
- Drilling fluids and additives
- Specialized sub-sea fluids
- BOP fluids and motion compensator fluids
- Specialized offshore rust preventatives
- Oil and Gas treatment chemicals
- Glycols and other general chemicals
- Pipe coatings
- Insulation chemicals including polyurethanes

Specialized grease and fluids for offshore use.

## Petrochemicals and Refinery Products

- Crystalwaves supplies leading technology for process improvement in oil refining and petrochemical processing.
- We provide a wide range of products giving the oil refiner and petrochemical producer access to leading technology.
- Our range of products include: Amines, Hot Oils, Antioxidants; Crude and middle distillate flow improvers; Corrosion Inhibitors; Purifiers; and Anti-foulants. Others are catalyst pre-sulfiding agents, neutralizers, scale inhibitors, defoamers and demulsifiers.

We have a number of technology partners allowing us greater flexibility in sourcing and product formulation of a wide range of products and providing the services to offer the customer the best solutions to their operating needs.



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# CURRENT AND PREVIOUS CLIENTS

## Our list of clients includes:

- EXXONMOBIL
- NIGERIA PETROLEUM DEVELOPMENT COMPANY
- NIGERIAN AGIP OIL COMPANY
- ADDAX/ SINOPEC
- CHEVRON NIGERIA LIMITED
- SDF WASTE MANAGEMENT SERVICE
- TOTAL ENERGIES
- NDDC
- SEPLAT ENERGIES
- BRITISH OIL AND GAS EXPLORATION LIMITED (BOGEL)



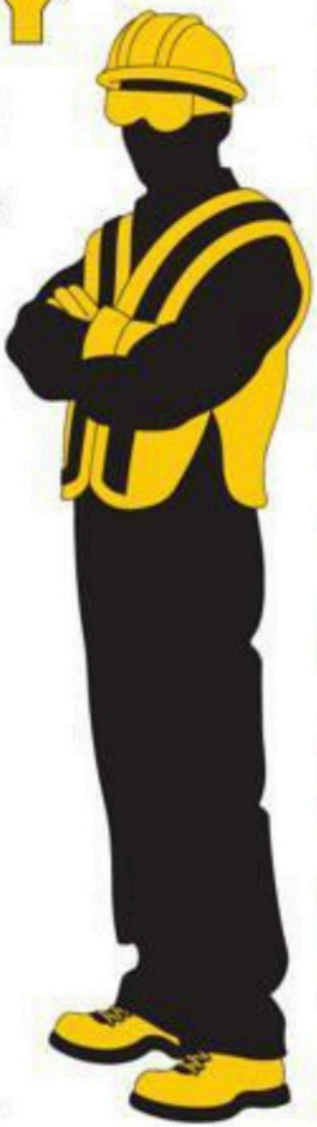
## TECHNICAL PARTNERS

Crystalwave has signed a couple of agreements with some technical partners. These technical partners are consulted for highly specialized projects with a view to attaining quality and customer satisfaction while providing global standard services to our clients.

## Some of our technical partners include:

- ☐ HILONG OIL SERVICE & ENG. NIG. LTD
  HILONG is focused on onshore drilling and work over engineering operations, oil engineering and technical services and the export of casing pipes and other pipes all over the world.
- ☐ CHIK-BEST TECH COY
  CHIK-BEST TECH COY is a major oilfield tools and equipment supplier in Nigeria.

# SAFETY RULES



1. You are responsible for your own safety and safety of others.
2. Wear personal protective equipment nesessary for the job.
3. Always use equipment/tools/ machinery safely and properly.
4. Lift properly using your legs and not your back.
5. Keep your work area clean.
6. Wear appropriate and safe work clothing and footwear.
7. Report any unsafe conditions.
8. Clean up spills immediately.
9. Report all injuries.
10. No alcohol or drugs to be used or allowed on company property.

RC 1868824
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# Certificate of Registration

This is to certify that the Quality Management System of

## CRYSTAL WAVE OIL AND GAS ENGINEERING LIMITED

Km 15, RUKPOKU IGRUITA EXPRESS ROAD RUKPOKU, PORT HARCOURT, RIVERS STATE, NIGERIA.

is in accordance with the requirements of the following standard

## ISO 9001:2015

**(Quality Management System)**

### SCOPE

Providing Services of
1. Technical Testing Engineering & Maintenance of Oil and Gas Facilities
2. Procurement of Tools for Oil and Gas Industries
3.Civil Construction works
4. Completion Services
5. Drilling Testing & Technical Engineering Services
6. Supply of Drilling Machinery, Mud Equipment and Accessories
7. Supply of Hoisting Pipe

(IAF Code: 28,29)

Certificate Number : 180324012340

Initial Registration Date : 18-MAR-2024
1st Surveillance Date : 18-FEB-2025
2nd Surveillance Date : 18-FEB-2026
Certificate Expiry Date : 17-MAR-2027

*To verify certificate, visit at :*

www.arscert.com
www.uafaccreditation.org
www.iafcertsearch.org

Issued by ARS Assessment Private Limited

Managing Director

CB-MS-3923

UAF Address : 400, North Center Dr, STE 202, Norfolk, VA 23502, United States of America

This certificate remains the property of ARS and must be returned to ARS on Cancellation or Suspension of the certificate Validity of the certificate is subject to successful completion of surveillance audits. Further clarification regarding the scope of this certificate and the applicability of standard may be obtained by consulting the Organisation on info@arscert.com

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FEDERAL REPUBLIC OF NIGERIA

# PERMIT TO OPERATE AS AN OIL INDUSTRY SERVICE COMPANY

## SPECIALIZED CATEGORY

PERMIT NO: NUPRC/OGISP/23/7660828/R308778

This Permit is hereby granted to

**CRYSTAL WAVE OIL AND GAS ENGINEERING**

of KM 15 RUKPOKWU IGWURUTA EXPRES PORT HARCOURT,

RIVERS, NIGERIA

to render the service to the Oil Industry in the Category listed hereunder:

DRILLING/PRODUCTION

- Supply, Hoisting and Operation of Drilling Rigs
- WELL COMPLETION SERVICES

Fee Paid: ₦ 250,000.00

Dated 14th day of July 20 23

APPROVED

Commission Chief Executive

This permit does not cover "Supply of Expatriate Manpower" in any guise

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## CONTACT US

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