About Us

WELL OPERATIONS

The purpose-built vessels of our Well Operations business units serve as work platforms to enhance production from subsea wells through wireline intervention, coiled tubing or hydraulic stimulation. We perform these types of subsea well intervention works at project costs significantly lower than drilling rigs, with the versatility to perform both riser-based and riserless interventions. In addition, we can also perform a variety of decommissioning operations including temporary and permanent plugging & abandonment of wells at CoP. Helix vessels work in water depths ranging from 30m to 3,000m further illustrating the flexibility we can provide.

SUBSEA WELL INTERVENTION

Helix is a leader in rigless well intervention, with over 30 years of experience providing innovative and flexible well servicing options. Our purpose-built well intervention vessels, which can include saturation diving capability, coupled with our subsea access systems provide a unique solution for servicing subsea wells globally. Using our Dynamically Positioned Vessels, designed for safe and efficient operations, can result in a significant time and cost saving over rig-based solutions.

PRODUCTION FACILITIES

Helix Production Facilities participates with offshore oil and gas producers through negotiated contracting and infrastructure ownership. Our goal is to provide clients with creative and innovative offshore oil and gas development solutions that provide significant economic, schedule and quality advantages, with a primary focus on early development and otherwise marginal reserves.
CANYON OFFSHORE

Helix is a marine contractor providing Vessel and Remote Operated Vehicle (ROV) services together with decommissioning services on a worldwide basis. Our robotics division provides ROV systems, ROV equipment and services, submarine cable and SURF trenching services, ROVDrill Seabed Drilling and Geotechnical Survey services, intervention tooling, technical manpower, project management and dedicated DP support vessels.

HELIX FAST RESPONSE SYSTEM

Helix is actively engaged in applying the techniques and technologies developed for offshore oil and gas production to a variety of new endeavors, including deepwater spill containment programs and offshore renewable energy development projects.

SUBSEA SERVICES ALLIANCE

The Subsea Services Alliance combines the expertise and capabilities of Helix and Schlumberger to form an advanced subsea well construction, intervention, and decommissioning portfolio: including marine support, well services, project management, and subsea well access and control. Schlumberger technology segments provide a complete offering of intervention and completion running technologies, and are joined by OneSubsea, a Schlumberger company, for subsea production systems. Helix contributes marine support, operational expertise, and project management capability.
Well Ops

Helix Well Ops is a leader in rigless offshore well intervention, providing fast, flexible and high-quality well management services. Our specialist riserless and riser-based well intervention vessels and subsea systems operate worldwide to provide value throughout the well life cycle, allowing rigs to focus on what they do best.

Over the past 30 years, Helix Well Ops has performed over 900 well intervention operations worldwide.
RISERLESS INTERVENTION
Proven riserless intervention systems enable safe, rapid access from monohull vessels for wireline, slickline and hydraulic stimulation well operations.

WELL CONSTRUCTION
Helix Well Ops can perform slimbore drilling operations on board its Q4000, Q5000, Q7000 semi-submersibles and Siem Helix 1 and Siem Helix 2 monohull vessels bringing time economies to field development operations. These dynamically-positioned vessels can perform top hole drilling operations across multiple locations, without the extensive mob and demob times of a traditional drilling unit.

RISER-BASED INTERVENTION
Riser based intervention uses a high pressure riser to contain the pressure during a workover or intervention operation. Helix Well Ops semi-submersibles Q4000, Q5000, Q7000 and the monohulls Well Enhancer, Siem Helix 1 and Siem Helix 2 are capable of performing riser-based intervention operations without the increased daily costs and operations time associated with traditional drilling rigs.

WELL CONTAINMENT
Our role in the Helix Fast Response System (HFRS) is based on our unique assets, experience, preparedness and dedication to industry safety, as demonstrated in response to a previous offshore emergency.
**WELL ENHANCER**
The **Well Enhancer** is the world’s first monohull vessel capable of riser based coiled-tubing intervention.

The **Well Enhancer** has been designed to minimize production downtime and provides cost effective well maintenance, production enhancement and well abandonment solutions.

The **Well Enhancer** is also able to provide Saturation Diving services simultaneous with Intervention activities which removes the requirements for DSV support and reduces the cost and complexity of SIMOPS.

**SEAWELL**
Since 1987, the **Seawell** has been operating throughout the North Sea, providing subsea well intervention solutions and pioneering subsea Light Well Intervention (LWI).

The **Seawell**’s track record is second to none, having intervened in more than 700 wells, decommissioning over 200 live and suspended wells, including 15 subsea fields.

The **Seawell**’s unique design and multi-service capability significantly reduces intervention time and provides a cost-effective method of maintaining subsea well stock, through well maintenance and production enhancement solutions, and like the Well Enhancer, also has Saturation Diving capability.

**SIEM HELIX 1 & 2**
The **Siem Helix 1** and **Siem Helix 2** are purpose designed well intervention vessels capable of completing a wide range of subsea projects, including well intervention; well decommissioning; top hole drilling; subsea installation work; offshore crane and ROV operations; offshore construction work; and emergency response capabilities.
**Q4000**
The Q4000 DP3 semi-submersible vessel was designed for well intervention and construction in water depths to 10,000 ft. The Q4000 entered service in the Gulf of Mexico in 2002, and has since built a solid track record. It is the world’s first dedicated semisubmersible intervention vessel.

The Q4000 can perform through-riser Well Intervention and decommissioning operations utilizing the Helix Intervention Riser System (IRS)

The Q4000 is fully configured for top hole drilling with top drive and pipe handling system.

**Q5000**
The Q5000 DP3 semi-submersible vessel was designed for well intervention and construction in water depths to 10,000 ft.

The Q5000 can perform through-riser Well Intervention and decommissioning operations utilizing the Helix Intervention Riser System (IRS)

The Q5000 is fully configured for top hole drilling with top drive and pipe handling system.

**Q7000**
The Helix Q7000 DP Class 3 semi-submersible is an advanced, harsh environment Well Intervention Unit. The Q7000 can perform through-riser Well Intervention and decommissioning operations in water depths ranging from 85m to 3,000m, utilizing the Helix designed Intervention Riser System (IRS) which features a High-Angle disconnect system.

The Q7000 has been designed for maximum efficiency and uptime. Featuring many innovative technologies to reduce the operational times whilst being able to continue work in heavy weather results in a cost effective and reliable alternative to traditional intervention methods.
Canyon Offshore provides unique marine contracting services, combining engineering expertise and proven results across the globe.

Canyon Offshore, our robotics division, is a leading supplier of subsea engineering services, operating state-of-the-art ROVs, seabed trenching and geotechnical vehicles, and support vessels. Our deepwater ROV track record spans 17 years, including oil and gas, renewable energy, subsea mining, and specialty services projects around the world.

Canyon Offshore plays an important role in making new sources of renewable offshore energy available via proven subsea engineering techniques.
SEABED TRENCHING
Canyon Offshore has over 15 years of experience trenching seabeds of differing compositions and water depths, from shallow inter-array cableburials to deepwater pipeline burial programs.

SUBSEA CONSTRUCTION
Canyon Offshore delivers safe, modern, innovative and professional solutions for critical-path deepwater construction and specialty marine contracting projects.

DRILLING SUPPORT
Canyon Offshore ROVs and technical teams deliver proven results in deepwater drilling support operations worldwide.

GEOTEchnical SERVICES
Utilizing the ROVDrill Mk. 2 system, Canyon Offshore is able to bring the performance and reliability of its ROV systems to the geotechnical surveying operator.

ENGINEERING & TOOLING SERVICES
Canyon Offshore's engineering & tooling capabilities range from day-to-day operations to bespoke solutions for our clients both on and offshore.

We offer professional design service across all facets of engineering including Mechanical, Electrical, Control & Automation, Civil, and Structural. This broad in-house capability produces efficiencies through a seamless integrated design, resulting in a more cost effective package for our clients.
RENEWABLE ENERGY
Canyon Offshore plays an important role in making new sources of renewable offshore energy available via proven subsea engineering techniques.

TRENCHING
Canyon Offshore has more than 15 years of experience trenching seabeds of differing compositions and water depths, from shallow inter-array cable burials to deepwater pipeline burial programs.
GRAND CANYON
The Grand Canyon is a dynamically positioned (DP Class 3) multi-role construction support vessel. As a trenching support vessel, the vessel is mobilised with two trenchers; one high power jet trencher and a second heavy soils mechanical cutting trencher. In support of both trenching and subsea construction, there are two hanger installed work class ROVs. On the bridge is a suite of survey support systems and the personnel to operate the vessel and systems on a 24hr basis.

GRAND CANYON II
The Grand Canyon II is a versatile, and technically advanced, dynamically positioned (DP Class 3) Multi-Role construction support Vessel (MSV). She is equipped with a 250 ton Active Heave compensated crane with 3,000m of installed crane wire. The vessel offers 1,650m of available open deck space to deploy a wide variety of subsea construction equipment, including subsea product reels, carousel drive assemblies, winches and other hardware.

GRAND CANYON III
The Grand Canyon III is a versatile, and technically advanced, dynamically positioned (DP Class 3) Multi-Role construction support Vessel (MSV). She is equipped with a 250 ton Active Heave compensated crane with 3,000m of installed crane wire. The vessel offers 1,650m of available open deck space to deploy a wide variety of subsea construction equipment, including subsea product reels, carousel drive assemblies, winches and other hardware.