

GSP announces the completion of GSP Saturn upgrade project

The entire upgrading process was carried out under GSP's management, more than 60% of the investment being financed from GSP's own funds.

The rig will immediately leave GSP's production facility from Constanta port, entering under a series of drilling contracts on the Turkish Black Sea shelf. The first contract was awarded by Toreador, the offshore drilling rig carrying out exploration drilling for one firm well in Igneada field.

The complete modernization process and the conversion from slot into cantilever type jack – up rig were performed under the supervision of the American Bureau of Shipping (ABS).

GSP Saturn cantilever type rig has a 2000 tons hull variable load.

The modernized offshore drilling rig is endowed with drilling equipment incorporating the most advanced technologies as well as the Amphion integrated control system supplied by NOV. The upgrade allows GSP Saturn to drill up to 27 wells on the same location, the productivity increasing up to almost 67%, the cantilever beam being able to be extended outside of the rig, reaching a drilling envelope of 55 feet x 20 feet. A slot type drilling rig may drill only 9 wells on the same location.

The modernization process also included the installation of a Bottle neck type dynamic derrick with improved characteristics, designed by Euroned Engineering BV and built at Upetrom - 1 Mai, both companies member of Upetrom Group.

Among the new features of GSP Saturn there are: new prime system 5 x 3512 CAT + C18, 7,500 psi mud pumps, 15,000 psi HP / HT (High Pressure, High Temperature) Choke Manifold, upgraded mud and cement systems, new 40 T Amcklyde pedestal cranes, Zero Pollution system, the new helideck complying CAT 435 regulations, equipped with refueling system, the replacement of the Ward Leonard DC supply and distribution system with an AC one leading to 28% maintenance costs reduction of the power management system.

A significant percentage of the modernization works were based on original designs realized by Gusto Marine Structure Consultants, the Netherlands, and with the workshop design realized by Lamprell Energy, UAE.

GSP will continue the upgrade and modernization program with GSP Bigfoot 1 DLB (Derrick/Pipe Lay Barge) and GSP Neptun (Shear-Leg Crane), the new investments reaching 100 million US dollars.

General information

GSP is a member of Upetrom Group and it's headquartered in Constanta Harbour, Romania. GSP is a regional leader in offshore drilling, providing a wide range of offshore drilling and drilling connected services, offshore constructions, engineering solutions and technical consultancy. The companies within Upetrom Group have activities in onshore and offshore drilling, oilfield equipment production, design engineering, as well as in the tourism sector. Today, Upetrom Group as more than 5000 employees and is operating worldwide, with representative offices in various countries.

Further Information

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