Off-Shore Oilrig North Cormoran

The first ever successful oil drilling was achieved by the legendary Colonel Drake in Pennsylvania, USA in 1859 after digging only 21 meters deep into the ground using a technique which had previously been used in salt mines. This event may be considered to be the true beginning of the oil era. In the search for the "black gold", there was a constant flow of ever new records in terms of both technical and economic development, however, it was not until 70 years later that the oil seekers ventured from the land to the sea. In 1927, the first offshore drilling took place in California in a water depth of 6 meters. Other offshore drillings were successful in Maracaibo Bay from 1943. Despite the extremely high expenditure, the offshore search for oil and its production was rendered more and more economically appealing through the loss of concessions and the high-price policy of the OPEC countries. Currently, approximately 380 offshore oil rigs are in operation worldwide. Apart from the northern- and middle American coasts, a second production centre was developed in the North Sea although the North Sea with its deep water, poorer weather conditions and greater supply distances demanded the utmost of engineers and planners. In 1975, production was taken up in the Forties Field, with 54 active drilling rigs producing oil and gas from 25 oil fields only 12 years after its discovery. The structure of the "North Cormoran" as shown in the model was hauled to its destination 160 km north-east of the Shetland Islands in early 1980. It was anchored to the seabed by means of 28 gigantic "steel nails", completing there a record voyage of 1,400 km measured from the wharf in Cherbourg in France. The entire drilling platform was assembled between May and August 1981 and first drillings started in December. Since February 1982, production has been running at full capacity. The output of 4,110 tons per day during the first months increased to about 24,000 tons per day in 1986. This enormous quantity is delivered by 40 pipes whose drilling depths start from 161 metres. Pipelines carry the oil and gas to temporary stores and to the mainland. The platform deck covers an area of 4,000 square metres. The huge structure of the platform with a length of 170 metres and a width of 24,500 tons then exceeded all its predecessors in the history of North Sea oil production. During the time it was built, the "North Cormoran" housed a crew of 240. Despite the elements, more than 100 men are on duty on the rig today.
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**90%**

gelb, glänzend 12

**10%**
dunkelgrau, seidenmatte 300

**90%**
leuchttisch, seidenmatte 300

**10%**
leuchttisch, seidenmatte 300

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