



# Oil drilling rig wikipedia

What is an oil rig?

An oil rig is any kind of apparatus constructed for oil drilling. Kinds of oil rig include:

What does a driller do in an oil rig?

The term is commonly used in the context of an oil well drilling rig. Driller comes after the Toolpusher in the Rig crew hierarchy. Toolpusher takes the operation orders from the Company-man. Toolpusher then supervises these order to the driller and the rest of the drilling crew and gets the job done.

What is an offshore drilling rig?

Offshore drilling rigs have similar elements, but are configured with a number of different drilling systems to suit drilling in the marine environment. The equipment associated with a rig is to some extent dependent on the type of rig but typically includes at least some of the items listed below.

What is a drilling rig?

The term "rig" therefore generally refers to the complex equipment that is used to penetrate the surface of the Earth's crust. Small to medium-sized drilling rigs are mobile, such as those used in mineral exploration drilling, blast-hole, water wells and environmental investigations.

What are the different types of oil rigs?

Oil rigs can be categorized based on their location and mobility. These rigs are installed on land and are relatively easier to set up and operate. They range from small mobile drilling units to large, permanently installed structures. Offshore drilling rigs are designed to operate in water, from shallow depths to deep-sea locations.

What type of drilling rig is used in underground mining?

Underground mining (hard rock) uses a variety of drill rigs dependent on the desired purpose, such as production, bolting, cabling, and tunnelling. In early oil exploration, drilling rigs were semi-permanent in nature and the derricks were often built on site and left in place after the completion of the well.

An oil field roughneck's duties can include anything involved with connecting pipe down the well bore, as well as general work around a rig. The crew of a land-based oil rig can be further ...

Oil and gas platforms or offshore drilling rigs are constructed for extracting, storing and processing petroleum and natural gas lying beneath the ocean floor. In this article learn ...

Helmerich & Payne Flex Rig drilling the Bakken Helmerich & Payne, Inc. (/ 'helmrIk / HELM-rik) is an American petroleum contract drilling company engaged in oil and gas well drilling and ...

Moon pool: A space beneath the drill floor of an offshore rig open to the water below. Motorman: Responsible for maintaining all equipment on the rig to ensure smooth operation and minimal ...

What is an Oil Rig? An oil rig is a large, complex structure used to extract crude oil and natural gas from underground reservoirs. It serves as a ...

Kulluk was an ice-strengthened drill barge that was used for oil exploration in the Arctic waters. She was constructed by Mitsui Engineering & Shipbuilding in Japan in 1983 and operated in ...

This article lists the main components of a petroleum onshore drilling rig. Offshore drilling rigs have similar elements, but are configured with a number of different drilling systems to suit ...

An oil platform (also called an oil rig, offshore platform, oil production platform, etc.) is a large structure with facilities to extract and process petroleum and natural gas that lie in rock ...

Simple diagram of a drilling rig and its basic operation. The kelly drive is #19 A kelly drive is a type of well drilling device on an oil or gas drilling rig that employs a section of pipe with a polygonal ...

The oil well is created by drilling a long hole into the earth with an oil rig. A steel pipe (casing) is placed in the hole, to provide structural integrity to the newly ...

By 1958, the number of submersible drilling rigs had increased to around 30. [2] In 1961, Shell Oil successfully converted an existing submersible rig Blue Water Rig No.1 into the first semi ...

The platform has three decks or topsides which support the oil and gas processing units, a drilling rig and living quarters for the workers. The topsides were designed by Alliance Engineering ...

Apparatus constructed for oil drilling From Wikipedia, the free encyclopedia. For the mnemonic OIL RIG, see Redox. For the advanced persistent threat group called OILRIG, see Helix ...

The Troll A platform is a Condeep gravity-based structure offshore natural gas platform in the Troll gas field off the west coast of Norway. Built from reinforced concrete, as of 2014, it was the ...

An oil rig is a large, complex structure used to extract crude oil and natural gas from underground reservoirs. It serves as a platform for drilling, ...

Most of the time, his or her job is simply to monitor the rig's activity, while the automatic driller runs the breaks and drills the hole. The driller is responsible for interpreting the signals the well ...

The Sea Quest was a semi-submersible drilling rig. She discovered the UK 's first North Sea oil on 14 September 1969 in the Arbroath Field. [1][2] She also discovered the first giant oil field ...

List of tallest oil platforms This is a list of the tallest oil platforms over 300 m (984 ft) in height. It includes compliant towers, condeep gravity-based structures, and fixed platforms, but not ...

In the oil and gas industry, a drill bit is a tool designed to produce a generally cylindrical hole (wellbore) in the Earth's crust by the rotary drilling method for ...

Oil and natural gas drilling rigs are used not only to identify geologic reservoirs, but also used to create holes that allow the extraction of oil or natural gas from those reservoirs.

Shale shakers Typical shale shakers on a drilling rig Shale shakers are components of drilling equipment used in many industries, such as coal cleaning, mining, oil and gas drilling.They are ...

After noticing the stability of submersible rigs when they were only partially submerged for relocation and the success of Shell's conversion of the Blue Water rig, Laborde designed and ...

Discoverer Inspiration delivers new containment cap to the Deepwater Horizon oil spill on 10 July 2010. In the background are the Discoverer Enterprise, GSF Development Driller II, and Helix ...

A pumpjack operating at an oil well in Natchez, Mississippi In the early days [when?], pumpjacks worked by rod lines running horizontally above the ground to a wheel on a rotating eccentric in ...

Petronius is a deepwater compliant tower oil platform built from 1997 to 2000 [1] and operated by Chevron in the Gulf of Mexico, 210 km (130.5 mi) east-southeast of New Orleans, United ...

Offshore oil and gas in the United States provides a large portion of the nation's oil and gas supply. Large oil and gas reservoirs are found under the sea offshore from Louisiana, Texas, ...

Offshore oil spill prevention and response Inspector on offshore oil drilling rig Offshore oil spill prevention and response is the study and practice of reducing the number of offshore incidents ...

The Deepwater Horizon oil spill was an environmental disaster beginning 20 April 2010 off the coast of the United States in the Gulf of Mexico, on the BP ...



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