



Drilling rig components poster

How many systems are there on a drilling rig?

There are 4 main systems on a drilling rig: Ac-Dc Power Generation Station Example: Drilling derricks and Rig Masts consist of a steel framework with a square or rectangular cross-section. Their purpose is to support the hoisting equipment and rack the tubulars while tripping pipe.

What is a drawworks rig?

The Drawworks is one of the most important components of the drilling rig (types of drilling rigs). The unit supplies the hoisting power, the drawworks spools the drilling line as the drill pipe is run into and pulled out from the well. The drilling line spools out under gravity and is reeled in by an electrical or diesel engine.

What is a top drive oil rig?

Oil well drilling rigs with a rotary table component, Kelly drive bushing, and 45 ft of Kelly were the industry standard for years. TOP DRIVE is a drilling rig equipment that has been one of the better innovations in the oil field in the last few years. The top drive system has three main functions: Most rigs today are equipped with the top drive.

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.

How does a drilling rig work?

The drilling line spools out under gravity and is reeled in by an electrical or diesel engine. The Crown Block as a drilling rig component is a fixed set of pulleys (called sheaves) located at the top of the derrick or mast, where the drilling line is threaded. The companion blocks to these pulleys are the traveling blocks.

What are Drilling Derricks & rig masts?

Drilling derricks and Rig Masts consist of a steel framework with a square or rectangular cross-section. Their purpose is to support the hoisting equipment and rack the tubulars while tripping pipe. The number of joints in a stand (single-double-triple) that the rig can pull is dependent on the height of the derrick.

This document lists the main components of an onshore oil drilling rig, which include: (1) mud tanks, shale shakers, mud pumps, and other equipment used ...

Rotary Drive Oil Drilling Rig Component, Offshore Rig Part. Poster Brochure Flyer Design. Vector Illustration eps10 drilling stabilizer. Makarti, Indonesia - march 2020 Detailed model of an ...

PETEX's selection of detailed colored posters clearly illustrate the outer and inner workings of key equipment



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used in oil and gas drilling, production, and pipeline operations.

9 Rig Components 93 Power System 93 Mechanical Power Transmission97 Electrical Power Transmission97 Hoisting System 100 The Drawworks101 The Catheads102 The Blocks and ...

This document provides an overview of drilling equipment used on oil rigs. It discusses various components of the rig including rig pumps, solids control equipment, air drilling systems, rotary ...

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Explore the different parts of a drilling rig at Rig Source. We provide top-of-the-line drilling machinery to sell the best auger drill bits and drill rods.

Offshore Oil Rig Sea Map Pet Frogs Oil Platform Ancient Books Drilling Rig Oil Rig Old Jewelry Photo Image Yellow Halter Sundress For Beach Elegant Fitted Wedding Dress With Floral ...

Drilling Rig Components Power System Diesel Engines - Supply mechanical or electrical power. Generators - Convert mechanical energy into electrical power. Electrical Control System - ...

This full-color illustration outlines the numerous components of an oil drilling rig in use in the Texas oil fields (and elsewhere) during the late 1970s. Fifty-five ...

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 ...

This document provides a diagram and descriptions of the key components of a modern AC land drilling rig. It depicts the mast, derrick, substructure, rig floor ...

Explore how drilling rigs operate, their crucial components, and their pivotal role in oil and gas extraction. Learn about safety and efficiency.

Overview of Drilling Rig Components A drilling rig is a complex assembly of various mechanical, hydraulic, and electrical systems designed to drill boreholes into the earth's crust. Each ...

Covers basic onshore and offshore drill-ing practices and rotary rig components while providing an in depth look at well planning, rig systems, directional drilling, well control, fishing operations, ...

Rig components 1. I n t r o d u c t i o n t o w e l l d r i l l i n g Rig ComponentsW e l l D r i l l i n g 2. Light rigs, down to 2,000 m Medium rigs, to 4,000 m Heavy ...



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This illustrated glossary provides concise definitions and descriptions of key components of drilling rigs, including the Crown Block, Rotary Table, Shale ...

A drilling rig is a machine that creates holes in the ground, such as for water wells, oil wells, or gas extraction wells. Drilling rigs can be large stationary ...

Delve into the world of oil and gas drilling rigs with our comprehensive overview. In this video, we'll take you on a guided tour of the layout and essential components that define a drilling rig ...

PETEX's selection of detailed colored posters clearly illustrate the outer and inner workings of key equipment used in oil and gas drilling, production, and pipeline operations. Suitable for ...

The document lists and explains the main components of an onshore oil drilling rig. It includes a diagram labeling 27 key components such as the derrick, drill ...

This document lists and describes 33 essential components of an oil drilling rig. It includes surface equipment like the mud tanks, shale shaker, and mud pump ...

List of components of oil drilling rigs 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 ...

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Detailed model of an offshore oil drilling rig showcasing intricate industrial engineering and structural components for maritime operations. This model ...

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