

**Hoisting System** The hoisting system is the set of equipment necessary to lower or raise drill strings, casing string and other subsurface equipment into or out of hole. Function Principal ...

This document provides an introduction to drilling rigs and drilling technology. It discusses the key systems that make up a drilling rig, including the rig system, ...

This document provides information about various types of offshore drilling rigs, including their key components, specifications, evolution over generations, ...

**Drilling Petroleum Drilling Engineering:** Is the application of science and technology to drill Oil Wells, which are holes in the earth, made for the purpose of extracting oil and gas from ...

**Drilling Rigs PPT - Free download as Powerpoint Presentation (.ppt), PDF File (.pdf), Text File (.txt) or view presentation slides online.** This document ...

**Drilling Petroleum Drilling Engineering:** Is the application of science and technology to drill oil wells, which are holes in the earth, made for the purpose of extracting oil and gas from ...

The main components include the power, hoisting, fluid circulation, rotary, and well control systems. Offshore rigs include bottom-supported and floating rigs ...

The document discusses components of a drilling rig used to drill oil and gas wells. It describes key components including the derrick/mast, power systems, ...

**57. Power system POWER SYSTEM** Some rotary rigs may use electricity directly from power lines. Most rotary rigs these days require 1,000 to 3,000 horsepower, while shallow drilling rigs ...

The document describes the key components of a rotary drilling rig, which are broken into 9 categories: 1) derrick or mast and substructure, 2) power and prime movers, 3) hoisting ...

This document provides an overview of basic drilling engineering. It discusses the types of drilling including rotary, cable tool, and coil tubing drilling. It describes the historical development of ...

It also outlines the grading breakdown and lists the main topics that will be covered in the course such as rotary drilling, drilling fluids, bits, and well control. Additionally, it describes the main ...

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# Drilling rig components and function ppt

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Rig components - Free download as Powerpoint Presentation (.ppt), PDF File (.pdf), Text File (.txt) or view presentation slides online. The document ...

The document summarizes different types of drilling methods, including cable tool drilling and rotary drilling. It describes the components and systems used in ...

The main components involved in the offshore drilling process are the drilling rig, the mud system, the blow-out preventer (BOP) etc. Derrick 18. drilling rig components and function ppt.

The document describes the key components of a rotary drilling rig, which are broken into 9 categories: 1) derrick or mast and substructure, 2) power and ...

The document outlines rig design and selection, covering different types of rigs including onshore and offshore, and their respective depths and uses. It ...

The power system on drilling rig usually consists of a prime mover as the source of raw power and some means to transmit the raw power to the end-use equipment.

A drilling rig in which the source of power is one or more internal combustion engine and in which power is distributed to rig components through devices such as chains, sprockets, clutches ...

The document outlines the roles and responsibilities of drilling engineers, detailing various components and systems of drilling rigs, including hoisting, power, ...

The document provides a comprehensive guide on the components and systems involved in oil well drilling, focusing on hoisting and derrick systems. It details ...

The document outlines the major systems of drilling rigs, including the power, circulation, rotary, hoisting, and well control systems. Each system is ...

View rotary6.ppt from PETROLEUM PET 512 at university of Lagos (Nigeria). 6.0 Rotary Drilling Rig o 7.1 Introduction o The main function of rotary drilling rig is to make hole o ...

The document discusses components of a drilling rig used to drill oil and gas wells. It describes key components including the derrick/mast, power systems, hoisting components like the ...

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 ...



# Drilling rig components and function ppt

RIG COMPONENTS-Definitions 1. Gin Pole - An A frame structure located at the top of standard derricks used to lift and lower the crown block into position. 2. Water Table -The water table is ...

Drilling technology has evolved considerably over the past 150 years. There are now over 650 mobile offshore drilling units worldwide that can drill in water ...

This document outlines the components of a drilling rig, including subsurface equipment like casings, drill pipes, drill collars, and bits. It describes the normal sequence of a drilling ...

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