

The document provides information about drawworks, which are important equipment on drilling rigs used to supply hoisting power and spool drilling line. ...

Rig Drilling rigs are structures and systems incorporating several pieces of equipment used for drilling water, oil, or gas wells inland or offshore. They are ...

This document provides an overview of drilling rig systems for onshore rigs, including the rig site layout and dimensions, substructure, derrick, drawworks, ...

Drawworks on a drilling rig typically feature one or two catheads, mounted on either side of the main drum. This placement allows for balanced ...

"Drilling Engineering" by Bourgoyne, Millheim, Chenevert, and Economides: This comprehensive text covers all aspects of drilling engineering, including a dedicated section on drawworks. ...

The hoisting mechanism on a drilling rig. It is essentially a large winch that spools off or takes in the drilling line and thus raises or lowers the drill stem and bit.

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 1. n. [Drilling] The machine on the rig consisting of a large-diameter steel spool, brakes, a power source, and assorted auxiliary devices. The primary function of the drawworks ...

Draw-works, also called drawworks, are hoisting equipment used specifically in the earth drilling industry. The main function of a draw-works is to raise and lower drilling equipment up and ...

A deadline anchor on an oil rig is a critical component used to secure the deadline, which is the non-moving end of the drilling line in a drilling rig system. This piece of equipment ...

1. n. [Drilling] The machine on the rig consisting of a large-diameter steel spool, brakes, a power source, and assorted auxiliary devices. The primary function of the drawworks is to reel out ...

Our motion compensation systems compensate for the vertical movement of offshore drilling rigs by isolating motion from the drill string, preventing riser ...

The drawworks of the hoisting system is a winch that reels the drilling line in or out causing the traveling



Drilling rig drawworks definition

block to move up or down. The drawworks is the ...

For mechanical drilling rigs, the hydraulic pipe should face the V-door. If the hydraulic pipe interface faces the drawworks, it is difficult to observe the hydraulic pipe ...

Principle and structure of drilling drawworks The drawworks is an important equipment of the hoisting system and the core equipment of a drilling rig. The working ...

DRAWWORKS AUXILIARY BRAKE WHERE THEY ARE USED: A Drawworks is used on all offshore drilling rigs and many land-based drilling rigs. The Drawworks is an integral part of the ...

A Mast in drilling (Check also: Rig derrick) is a steel framework with a square or rectangular cross-section comprised of multiple sections assembled together and shaped like ...

In oil and gas drilling, the drawworks stands out as a fundamental component, often referred to as the workhorse of a rotary drilling rig. This ...

A device mounted on the end of the drawworks shaft of a drilling rig. The hydromatic brake (often simply called the hydromatic) serves as an auxiliary to the mechanical brake when pipe is ...

Definition (s) Catline, Cathead Catline is a line powered by the cathead, which is a concave, rotating, pulley-type device mounted on the end of the cat shaft of the drawworks. Catlines are ...

In the world of well drilling, particularly in the oil and gas industry, the drawworks plays a pivotal role in the overall operation of the rig. As a key component of ...

A drilling line is a high-strength wire rope connects the drawworks to the traveling block, playing a critical role in the process of raising and lowering the drill string and several ...

See also strand(s). cores, 21 lay of wire rope, 24 patterns of construction, 21-23 diameter, wire-rope, 25-27, 32, 72 downhole assembly, suspension of, 6 drawworks brake, 5, 9, 18, 75 ...

The Powerhouse of Drilling: Understanding Draw Works in Well Completion The heart of any drilling rig, the Draw Works is a critical component responsible for hoisting and lowering drill ...

Definition (s) Draw Works "Draw works" means the hoisting mechanism on a drilling, well servicing, or workover rig. It is essentially a large winch that spools off or takes in the hoisting ...



Drilling rig drawworks definition

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