

The most recognizable icon of the oil and gas industry is a derrick towering high over the wellsite. The drilling rig represents the culmination of an intensive ...

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 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.

The oil and gas industry employs hundreds of thousands of people and is a vital component of the national economy. Worker safety and health are important to this industry. This eTool\* ...

The swivel, also known as "slewing joint" or "force breaker", is an important part of the rotary drilling rig. Its main function is to connect the wire rope of the main winch of the drilling rig with ...

7 Major Components Of A Rotary Drilling Rig System Rotary drilling machines are state-of-the-art drilling tools with complex machinery and design. For the sake ...

Explore a comprehensive glossary of oil and gas drilling terms, definitions, and standards provided by the International Association of Drilling Contractors.

Understanding the equipment and tools used in drilling rigs is essential for petroleum engineers and drilling engineers alike. These ...

It includes definitions and photos of over 60 items that make up a drilling rig, from major components like the derrick, drawworks, and blowout ...

Rig Floor: The flat surface area on the drilling rig where operations such as pipe handling, drilling, and equipment management take place, typically located directly beneath the derrick. ...

List the main rig components and understand their functions. Define the 5 main rig systems and their role within the drilling process with Listing their individual components. Comprehend

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 ...

APPENDIX: ACRONYMS, ABBREVIATIONS AND DEFINITIONS This appendix to the IADC Drilling Manual, 12th edition, is a handy reference to common acronyms, abbreviations and ...

The energy industry's reference work Since 1998, the Energy Glossary has been helping technical generalists and experts alike increase their understanding of ...

The document defines and describes various components used in oil and gas drilling rigs. It includes definitions of components like the top drive, ...

Drilling rigs are massive structural equipment that is used to drill water wells, oil wells, or natural gas extraction wells. By rotating a bit, a...

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Equipment used in drilling. Select a name from the list or a number on the graphic to see a definition and a more detailed photo of the object. A text version is also available. Additional ...

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 ...

The drilling rig performs a central function in oil operations, serving as the mechanical spine of each and every profitable exploration and ...

Drilling rigs are complex mechanical structures designed to drill through the Earth's surface to access oil, gas, water, or minerals. One of the ...



# Drilling rig components dictionary

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