



Hondo drilling rig terminology

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 the hoisting mechanism on a drilling rig?

The hoisting mechanism on a drilling rig is a large winch that spools off or takes in the drilling line and thus raises or lowers the drill stem and bit. The drill stem and bit are the cutting or boring element used in drilling oil and gas wells. Most bits used in rotary drilling are roller-cone bits.

What are the parts of a drilling rig?

Casing - Steel pipe placed in an oil or gas well to prevent the wellbore from collapsing. Completion - The process of making a well ready for production. Derrick - Tower-like structure that supports the drilling apparatus. Drill Bit - The cutting tool used to create the wellbore. Drill Pipe - Pipe that connects drill bit to the drilling rig.

How many days a rig is operating?

Rigs are operating divided by the number of days in the period. For example, one rig operating 182.5 days during a 365-day period is 50.0 rig years (182.5 divided by 365). Rotary Drilling: A drilling method in which a hole is drilled by a rotating bit to which a downward force is applied.

What is the difference between a drill rig and a derrick?

Derrick: A thick lubricant used on pipe connections. Drill string: A column, or string, of pipe that transmits drilling fluid (via the mud pumps) and torque (from the Kelly drive or top drive) to the drill bit. Driller: The crew supervisor on a drilling rig, working under the toolpusher.

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.

How to Speak Like Drilling Teams: Join us on this drilling journey as we decode the essential terminology used by drilling teams worldwide. Welcome aboard to the fascinating world of...

Drawworks - The collective name for the hoisting drum, cable, shaft, clutches, power take off, brakes, and other machinery used on a drilling rig. Drawworks are located on one side of the ...



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Hondo, a New Mexico corporation with its principal place of business in Midland, Texas, is engaged in the business of drilling oil wells under contracts with major oil companies. Its ...

Discover a complete list of oilfield acronyms, slang, and sayings from A to Z. Perfect for oil and gas professionals, this guide covers industry terms like BOP, ECD, roughneck, and doghouse. ...

The IADC Lexicon is a glossary of oilfield drilling terms that have been defined in legislation, regulations, standards, and/or guidelines.

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Oilfield terminology refers to the jargon used by those working in fields within and related to the upstream segment of the petroleum industry. It includes words and phrases describing professions, equipment, and procedures specific to the industry. It may also include slang terms used by oilfield workers to describe the same.

Drilling Rig Components 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 ...

Knowing the key terms is essential for effective communication and safe operations. To help you navigate the vast and sometimes confusing ...

rig 1. n. [Drilling] The machine used to drill a wellbore. In onshore operations, the rig includes virtually everything except living quarters. Major components of the rig include the mud tanks, ...

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Comprehensive glossary of well control terms used in oil and gas drilling. Learn key definitions for drilling equipment, processes, and formations.

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 ...

One of the functions of drilling mud is to carry cuttings out of the hole. D Daily Drilling Report: A record made each day of the operations on a working drilling rig. It is traditionally phoned, ...

Electric Rig (SCR): A drilling rig that uses diesel generators to supply power to separate electric motors to power each of the rig's components (silicon-controlled rectifier). Exploratory Well: A ...



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Rig Glossary: A-C A A-Leg Two large support legs that when standing they form a steel A-frame structure that supports the derrick when it is standing. They are also the support frames for the ...

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We've compiled this extensive glossary of the most common and frequently used directional drilling terms and phrases, to help foster better ...

Definitions of oil and gas drilling terminology like inflow test-formation integrity test-overbalanced drilling-bit sub, junk slot area-adjustable gauge stabilizer-wrap angle-leak off test-separation ...

The platform (Fig. 1) is a 28- well conductor, pile-founded structure that will support a drilling rig, production equipment and personnel quarters. The three level 86 × 170 foot deck has a total ...

Welcome aboard to the fascinating world of drilling operations, where precision, teamwork, and communication are the keys to success. If you've ever wondered what those terms shouted ...

ExxonMobil drills record-setting well ExxonMobil has completed an extended-reach well offshore southern California, which it claims is the world's longest extended-reach well ...

Drilling block Drilling contractor Drilling crew Drilling fluid Drilling foreman Drilling in Drilling line Drilling out Drilling rate Drilling rig Drilling spool Drilling under pressure Drilling window ...

One-stop access to essential drilling terminology for quick reference of professional definitions, enabling efficient communication and operations.

Hondo Drilling is a New South Wales-based company that prides itself on delivering expert bore drilling and water management services. The business was born from Shaun Carter's ...

Offshore, the rig includes the same components as onshore, but not those of the vessel or drilling platform itself. The rig is sometimes referred to as the drilling package, particularly offshore. ...

Hondo Drilling provides expert water bore drilling services in Tamworth & Hunter Valley, NSW. Get in touch for professional water management solutions now!

Drilling mud: a mixture of clays, water and chemicals used in drilling operations to lubricate and cool the drilling bit, carry drilling wastes to the surface, prevent the walls of the well from ...

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When you're looking for professional and efficient water bore drilling in Tamworth, NSW, Hondo Drilling stands as your trusted partner. With years of experience in the industry and in-depth ...

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