



Catline drilling rig

What is a catline rig?

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 used to lift or pull equipment around a rig.

Are catheads safe for drilling rigs?

To improve safety on drilling rigs, manual catheads with catlines are being replaced with hydraulic and air type winches, but manual catheads with catlines are still in use on some rigs. Drilling operators agree that catheads are extremely hazardous unless they are handled correctly and with respect.

What is a cathead rig?

The cathead, driven by the rig's main engine, exerts considerable force to lift and lower heavy equipment, making it an indispensable element in drilling and completion operations. Functions and Applications: Together, the catline boom and hoist line facilitate a wide range of essential lifting tasks on a drilling rig:

What is a revolving cathead & a catline?

Login or Register to access special features and free premium content. Catheads and Catlines are used on drilling rigs to hoist material. Catlines should be designed to safely lift or otherwise handle the loads. The revolving cathead on the drawworks powers the friction pulley system.

What is a catline used for?

Catlines are used to lift or pull equipment around a rig. Source: API RP 54, Recommended Practice for Occupational Safety for Oil and Gas Well Drilling and Servicing Operations, Third Edition, August 1999 (2007). Global Standards

What is a catline boom & hoist line?

Safety and Maintenance: The catline boom and hoist line are critical for maintaining safe and efficient operations. Regular inspections, maintenance, and proper handling are essential to prevent accidents. In summary: The catline boom and hoist line are vital components in the drilling and well completion process.

Accidents involving catheads generally happen when employees' hands are pulled into the cathead and caught beneath the catline. Watch the video to see how these two components ...

Options 70 gpm hydraulic pump Hydraulic oil cooler for continuous use and hot climate applications Single or dual 12,000 lbs. catline winch for safe, efficient lifting Hydraulic catworks ...

Catwalk: 1. The ramp at the side of the drilling rig where pipe is laid to be lifted to the derrick floor by the catline or by an air hoist. 2. Any elevated walkway 3. a long, rectangular platform about ...



Catline drilling rig

Catwalk The ramp at the side of the drilling rig where pipe is laid to be lifted to the derrick floor by the catline or by an air hoist. +

Use a string grip or snakeskin between the catline (old drilling line) and new drilling line. This will allow either line to twist and turn without passing ...

A catline refers to a line specifically powered by the cathead, typically used for lighter lifting tasks or to assist in maneuvering equipment. ...

The rope, often referred to as the catline, is crucial for various operations, including: Lifting and lowering drill string components: The cathead allows for the precise control and movement of ...

A drilling rig contain 5 main systems: Hoisting system and Draw works, Rotary system, Circulation system, Power system Safety and blow out prevention system.

Snub-Line Wire rope, one end of which is fastened to the end of a pipe tong handle attachment point and the other end secured to hold the tong stationary while the tong is in use. NOTE: ...

The document lists and defines various components that make up a typical oil and gas drilling rig. It includes equipment used for hoisting, rotating and ...

Drilling ahead means the actual drilling of the well. Specific drilling processes vary, but many of the work hazards are similar. The following generic tasks assume the use of a kelly and rotary ...

Study with Quizlet and memorize flashcards containing terms like Crown Block and Water Table, Catline Boom and Hoist Line, Drilling Line and more.

This document provides descriptions of the key components of an oil drilling rig, including: the hoisting system (mast, traveling block, crown block, drilling line, ...

Drilling Rigs Our product range is wide and with some designs highly adaptable to the needs of each client. At the external level we can customize our machines ...

A mast, on the other hand, is a portable derrick that manufacturer assembles once and sells as a one-piece unit. Most drilling rigs use a mast. Almost everybody in the drilling industry, ...

Catline Definition and Use The revolving cathead on the drawworks powers the friction pulley system. An employee wraps a rope, usually 1-1/4 inches in diameter, around the cathead and ...

Advancing the Drilling Industry Rig Floor Crew Activities Elevators: Keep elevators oiled and greased. Check



Catline drilling rig

latch springs and latch action and ensure that they latch completely. ...

catwalk n: 1. the elevated work area adjacent to the vdoor and on a drilling rig where pipe is laid to be lifted to the derrick by the catline or by an air hoist.

Alert 99 - 04 Rig Tong Snub Lines WHAT HAPPENED: During an inspection on a rig, the rig company found that the rig was using incorrect size wire rope lines for snub lines on ...

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 ...

This document discusses drilling equipment used on oil and gas rigs. It describes major components including the rig itself, which is the machine used to drill ...

For shale gas drilling in Pennsylvania, heavy duty rigs are required to handle long (heavy) drillstrings for deep drilling. These cost upwards of \$250,000/day to ...

catwalk n: 1. the elevated work area adjacent to the vdoor and ramp on a drilling rig where pipe is laid to be lifted to the derrick floor by the catline or by an air hoist. See catline. 2. any elevated ...

Hydraulic Cathead/Rig Floor Equipment Product Introduction The hydraulic Cathead is used together with the tongs to implement the make-up and break-out of the drill pipe and casing. ...

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 used to lift or pull equipment around ...

Drilling+Rig+Components.doc - Free download as Word Doc (.doc), PDF File (.pdf), Text File (.txt) or read online for free. This document provides a list and descriptions of the major components ...

This document provides a list and descriptions of the major components that make up a drilling rig. It includes 61 items such as the crown block, catline boom, drilling line, monkeyboard, top ...

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 ...

Our hydraulic catheads deliver smooth and accurate torque to make up and break out premium and standard drillpipe and drill collars. This is a key capability ...

Search Tips Use specific keywords: Instead of just "Cat Line," try searching for "hoist line oil and gas," "lifting cable rig," "rigging rope," or "safety procedures oilfield." Include location: If you're ...



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This document discusses drilling equipment used on oil and gas rigs. It describes major components including the rig itself, which is the machine used to drill wellbores. Key ...

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