



Drilling rig substructure

The substructure is one of the important components of the truck-mounted drilling rig and the workover rig, which consists of the boat basement, mast substructure, substructure body, ...

Home > Products > Drilling Products > Drilling Equipment > Substructures Box-on-Box, Slingshot and Swing-lift Type Substructures (API 4F) We supply box ...

A pony substructure, for use in supporting substructures of drilling rig operations, which includes two parallel oriented frames and two outriggers attached to each frame. In preparation for ...

We supply cantilever and bootstrap type masts (API-4F) with static hook load 500,000, 750,000, 1,000,000 and 1,500,000 lbs for land and offshore drilling rigs. The cantilever masts are ...

Drilling structure designs for application in any environment Whether you're dealing with extreme environmental conditions, designing a custom rig, or upgrading your current equipment, we ...

We design and manufacture mobile drilling rigs of up to 225-tons max. hook load capacity. The design and manufacture of our mobile drilling rigs follow ...

The above drilling rigs have used a variety of in-house substructure designs, including Step Down, One-Piece, Box on Box and Self-Elevating. Each substructure design can accommodate ...

In drilling, the standard derrick has four legs standing at the corners of the substructure and reaching to the crown block. The substructure is an assembly of heavy beams used to elevate ...

Most equipment requires a Cat III every six months. This is very technical document that is usually well-obeyed in terms of drill line. Compliance for other uses is spotty, and depends on how ...

Add (voluntary) verbiage to standard IADC Drilling contract re. listing of current inspections and status thereof. This calls it to the attention of the production company.

Photo credit: Liebherr The proven LB 28-320 drilling rig from Liebherr is used for the foundation of piles. Drilling with Kelly equipment, double rotary head and ...

DSL offers a range of Masts and Substructures for workover rigs and drilling rigs ranging from 150 - 500,000 lb hook load capacity in single or double stand set ...

The Unsung Hero: Understanding the Substructure in Drilling & Well Completion In the grand scheme of oil



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and gas exploration, the towering derrick or mast might grab the most attention. ...

Integrate efficient, easy rig-up and rig-down with structural strength. Move the rig forward, backward, or sideways. Increase safety while adhering to recognized ...

There are two hydraulic cylinders equipped on top layer of the substructure; they can be used for buffering and regulating while lifting the drill floor, and as a ...

The drilling rig substructure includes certain drilling floor equipment and supports personnel for various operations such as connecting and disconnecting pipe sections. Examples of ...

Rigid API Substructures Made from quality steel and manufactured strictly to API Spec 4F, Highdrilling substructures are exceptionally stable and robust, creating the perfect stage for ...

This substructure category mainly consists of two types, the swing-up, and the slingshot substructure. Assembled on the ground using a crane, both types ...

For deeper wells and longer horizontal runs, the rig you have may not cut it. Click to see how Veristic can help you increase the ratings on your mast and ...

Substructures are the structural components of land and water-based oil platforms which support the derrick, mast, or other rig components, as well as ...

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Substructure Structure on which the derrick sits. The substructure may provide space for wellhead and well control equipment. Source: API RP 54, Recommended Practice for Occupational ...

Abstract--Oilfield offshore and onshore drilling rig structures are center part of oil and gas exploration because the rig derrick and mast structures are essential piece of equipment for ...

Land rigs As mechanization made the hunt for hydrocarbons more ef-ficient, it had a direct efect on land rig design. The first land rigs were permanent wooden structures and would be left in ...



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