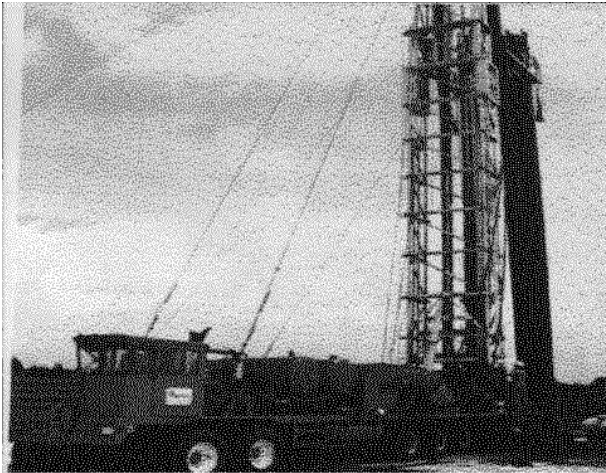


Work **Safe!** Bulletin

Service Rig Stability Guy Line and Anchor Installation

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The Petroleum and Energy Branch after consultation with industry through the Manitoba Drilling, Servicing and Production Operations Committee (DSPOC) has reached the conclusion that voluntary guidelines of service rig anchor use were not adequate to protect the safety of service rig workers. This bulletin is intended to clarify the responsibilities of operators of service rigs and licensees of wells with regard to the installation of guy lines and anchors.

Subsection 3(1) of the Derrick, Crane, and Other Hoisting Equipment Regulation MR 99/88R applies to service rigs and requires:

3(1) Hoisting equipment shall be erected, used and maintained in accordance with the specifications of the manufacturer thereof, and any deviations from those specifications are to be carried out only if the manufacturer certifies these deviations to be safe or if a professional engineer duly registered under The Engineering Profession Act and qualified in the appropriate branch of engineering certifies the deviations to be safe.

In order to meet these requirements operators of service rigs and licensees of wells are to ensure that guy lines and anchors are installed on all well servicing jobs:

- (a) in accordance with the specifications of the manufacturer;
- (b) in a manner certified by a qualified professional engineer; or
- (c) in accordance with the American Petroleum Institute Recommended Practice for Maintenance and Use of Drilling and Well Servicing Structures, API RP 4G, January 1992 as amended from time to time.

The Branch is prepared to allow operators to use alternatives to anchoring to stabilize a rig provided such alternatives are certified safe for the operations to be conducted by the manufacturer or a qualified professional engineer and approved by the Branch. In compliance with the requirements of this bulletin operators of service rigs are to have available at the rig, written procedures / specifications for the installation of guy lines and anchors that includes the number, placement, size and condition of guy lines, anchor spacing and capacity and any other pertinent information required to ensure derrick stability. Anchors are to be capacity tested and test records listing the company, test method, results and date of the test made available upon the request of a Petroleum Inspector.

The Branch shares concerns expressed by industry regarding the potential for accidents to occur during the installation of rig anchors. In order to increase worker safety, workers involved in the installation and capacity testing of anchors are to be properly trained and equipped and flowlines and underground utilities at the wellsite are to be located and marked prior to anchor installation.

Effective November 1, 1997 the Branch will be monitoring compliance with this bulletin and anchor installation practices. For additional information or further clarification on the use of guy lines and anchors, please call the nearest Branch Inspection Office:

Virden District Office: (204) 748-1557
Bruce Dunning or Allan Gervin

Waskada District Office: (204) 673-2472
Lorne Barsness or Jan McClelland