



CANRIG DRILLING TECHNOLOGY LTD

PRODUCT BULLETIN NUMBER: 39

DATE: December 9, 1996

SUBJECT: Tightening Of Top Drive Runner Bolts

SERIAL NUMBERS: All

DISCUSSION: In order for the top drive runners to position the top drive, properly and to avoid the possibility of runners, shims or bolts working loose and falling it is necessary that the bolts be properly torqued.

RECOMMENDATION:

1. Keep the runner bolts secure. All top drives except for serial nos. 005 and 007 use 1 inch bolts which are to be torqued to 848 ft*lbs. Top drive serial no. 7 uses 3/4 inch bolts which are to torqued to 350 ft*lbs. Serial no. 005 guides were not supplied by Canrig.
2. Check the bolts for tightness weekly.
3. Check the bolts for tightness after jarring or periods of rough drilling.
4. When checking the bolts check the runner shims to ensure they are installed correctly and not working their way out of position.
5. Canrig is developing a revised runner which will employ a method of safety cabling to prevent the runner from falling in the event that the runner bolts come loose. Contact Canrig's service department for details.

Canrig is developing new shims which will be held captive or safety cabled. Contact Canrig's service department for details.

INFORMATION:

For further information contact:

Field Operations Manager
Canrig Drilling Technology Ltd.
14703 FM 1488
Magnolia, Texas 77354
Phone: 281.259.8887
Fax: 281.259.8158

This page intentionally left blank