

Safety Bulletin

SB No: SB029

Rev: 0

Date: 24 Nov, 2006

Description: Operational Procedure for Picking Up a Drive Hammer with a Tesco Top Drive



Tesco Corporation
6204 – 6A Street SE
Calgary, Alberta T2H 2B7
Phone: (403) 233 0757
www.tescocorp.com

Introduction

Recently there was an incident involving a Tesco Top Drive, while picking up a Drive Hammer. Parts of the Top Drive extend system was overloaded and damaged during this operation. This situation became a hazard to personnel working on the rig floor below the Top Drive. This bulletin will serve to formalize the process for operators to follow during a Drive Hammer pick-up / lay-down operation.

This following procedure has proven to be effective and safe when performed in the past.

Components Affected

All Tesco Top Drives having an extend system and used to pick up a hammer or similar over-weight tools while extended from well center.

Procedure

Note : This operation is potentially hazardous and should only be performed by experienced operators. A Pre-job safety meeting and JSA must be performed prior to start so all involved are aware of the conditions.

1. Install adequately rated pick-up slings onto Top Dive load collar or elevator links
2. Attach pick-up slings to Drive Hammer or other Heavy Load (i.e. Drive Pipe, Heavy Casing etc.)
3. Un-pin Top Drive from Torque Arrest System
4. Pick-up Hammer using crane or winch to control movement to hole center. Caution should be used to prevent collision with Torque Tube. If collision occurs inspect equipment prior to use.
5. Proceed with Hammer operation
6. Upon completion of Hammer Operations, reverse pick-up procedure
7. Re-pin Torque Arrest System to Top Drive and resume routine Top Drive operations.