



Safety Alert

From the International Association of Drilling Contractors

ALERT 10 – 16

USE OF AN IMPROPER TOOL RESULTS IN HAND INJURY

WHAT HAPPENED:

The rig activity at the time of the incident was pulling out of the hole and laying down 16" BHA. The drill crew was up to the Near Bit Reamer (NBR). The rig crew started to retrieve the float from the NBR which was still in the elevators. A floor crewman had a hex wrench with a 13-5/8" 3mm ring gasket welded onto it and hooked it into the float to act as a puller.

The derrickman was using a sledge hammer to hit the 13-5/8" ring gasket to knock-out the float. The derrickman placed his hand on the handle next to the head of the hammer. When he swung the hammer, he missed the ring that he was attempting to hit and his finger was caught between the handle of hammer and the ring. The impact caused swelling to his right index finger.

WHAT CAUSED IT:

- 1) Crew failed to conduct proper JSA to identify the hazard associated with the job.
- 2) Improper tools being used for the job.
- 3) Improper hand placement and poor handling of sledge hammer.

CORRECTIVE ACTIONS: To address this incident, this company did the following:

- 1) A meeting was held with all personnel and explained the importance of the pre-job safety meeting and the benefit of conducting JSAs.
- 2) Personnel should use a pronged style puller, which is an off the shelf item, to remove float from tubular.
- 3) Supervisors demonstrated to the crew the proper way to handle and swing a sledge hammer.



Improper tools



Proper Tools

The Corrective Actions stated in this alert are one company's attempts to address the incident, and do not necessarily reflect the position of IADC or the IADC HSE Committee.

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