



# Safety Alert

From the International Association of Drilling Contractors

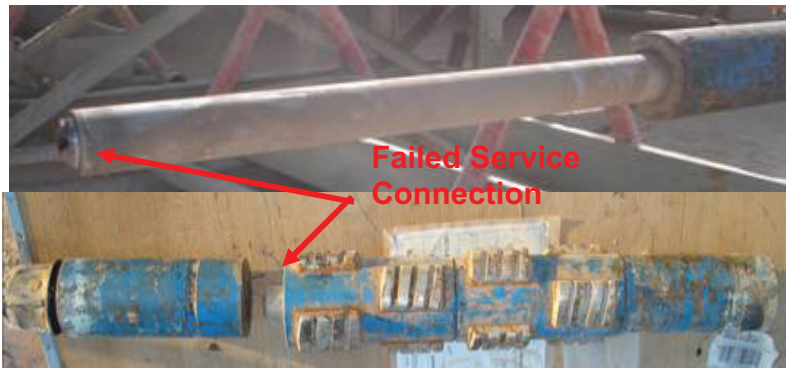
ALERT 10 – 09

## DROPPED OBJECT – HIGH POTENTIAL NEAR MISS

### WHAT HAPPENED:

After a scraper run, the crew was tripping out of the hole with the scraper assembly. At the time of the incident the driller was racking a full stand of 3 1/8" diameter drill collars including a 4 1/2" rotating scraper. After landing the full stand on the set back area, the derrickman unlatched the elevators and started pulling the stand into the monkey board racking fingers. At that moment the 4 1/2" scraper broke apart and separated at the mandrel's 1 1/4" service connection.

The 2 upper joints of the drill collar stand fell through the mast hitting and dislodging a drill floor walkway and then stuck in the ground.



### WHAT CAUSED IT:

- The work plan had been changed by inserting a – non-routine racking back operation.
- Scraper mandrel 1 1/4" service connection had not been identified by the rig crew supervisor.
- There were no company or contractor guidelines for racking small tubulars in the derrick.

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

- Instructed rig supervisors to update operational procedures to include a statement that "tubulars with a minimum diameter of less than 3 1/2" are not to be racked in triples in the derrick."
- Instructed rig supervisors to update operational procedures to include guidelines that specialist/mandrel type tools with a minimum diameter of less than 4 3/4" diameter are not to be racked in the derrick (e.g. rotating scrapers, junk baskets, etc.).

**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.**

This material is presented for information purposes only. Managers & Supervisors should evaluate this information to determine if it can be applied to their own situations and practices

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