



Safety Alert

From the International Association of Drilling Contractors

ALERT 13 – 13

UNSECURED BASKET PIN RESULTS IN DROPPED OBJECTS

WHAT HAPPENED:

The traveling block struck the rod basket pin, knocking it out and causing it to fall to the rig floor. One side of the rod basket fell approximately 1 ½ feet (46cm) to 2 feet (61cm) causing 4 stands of rods to fall out of the rod basket.



Old Style Pin



New Rod Board Hinge Pin

WHAT CAUSED IT:

- The day of the incident the winds were gusting to 39 mph (63kph).
- The rig operator was running the rig in 5th gear in high winds at the time of the incident.
- The derrickman latched the tubing into the elevators and the block continued to travel up. The combination of the wind and the swinging from the pipe being placed in the elevators caused the block to strike the rod basket pin, which broke the cotter key and knocked out the pin.
- The pin used to secure the basket had a cotter key on both sides to secure it from coming unpinned.

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

- The company required all rig operators to slow down the traveling block speed when the wind exceeds 25 mph (40kph).
- The company mandated that only the new style pin as shown in the photo above is acceptable.
- The company replaced all old pins with new pins and created a tracking spreadsheet to confirm that the mechanics had installed the new pins on their fleet of rigs.
- The mechanic is also to send a picture of the installation of the new pin to the company's HSE Department verifying that the installation has been completed.

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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