



Safety Alert

From the International Association of Drilling Contractors

ALERT 08 – 29

RIG MOVE VEHICLE INCIDENT

WHAT HAPPENED:

A lowboy truck loaded with a 60 ton (\approx 55 Mg) crane was driven onto the new location. The driver made a U-turn and while leaving the new location the truck came close to the edge and its left rear tires penetrated deeply into the un-compacted edge of the recently built up access road. The lowboy started to tilt slowly towards the road side and due to the added load of the crane tipped on its side. Both the lowboy and crane landed on its left side. There were no injuries to personnel.

WHAT CAUSED IT:

- The Rig site access road construction was not properly engineered as the road side compaction was not adequate and has a left slight curve at the entrance.
- Road survey was not properly done by the truck pushers / senior tool pusher as the roadside uncompacted sand was not observed, highlighted or repaired, presenting a hazard for the heavy load.
- Rig move trucks were not properly controlled by the truck pushers. Three trucks were parked on the location access road as no parking area had been prepared for heavy move trucks.

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

- Rig move preparation procedure to be followed by truck pusher(s) and rig senior toolpusher prior to start rig move and documented by completion of the checklist.
- In preparation of new location, the company Minimum Requirements for Land Rig Drilling location procedure is to be followed by construction engineer(s).
- Movement of rig move trucks is to be controlled in order to ensure proper road traffic and parking.



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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