

# COS SAFETY SHARE

## WHAT WILL WE DO TO PREVENT THIS FROM HAPPENING HERE?

### "ACCEPTED PRACTICE" RESULTS IN DROPPED OBJECT HI-PO

#### What happened?

While running 13-3/8" casing utilizing the Casing Running Tool (CRT), the nose of the CRT would tag the box of each joint when lowering the tool into the casing. The Driller would tag the box and rotate the top drive and CRT to the left so the nose of the CRT tool would roll off the box and into the casing. The top drive motor brake was locked each time so rotation would stop immediately when the rheostat was turned to "Off".

#### What went wrong?

While bumping and rotating the CRT to the casing, one of the CRT die segments broke off the unit and fell to the rig floor (Approximately 45 pounds fell 40 ft)

#### Why did it happen?

The Casing Drive System (CDS) manual does not provide any instructions or warnings regarding rotating the tool when outside the tubular. Post-job testing demonstrated the slips can flare outward when rotated. The rotating of the CRT was not specifically addressed during the JSA review or whenever it became necessary to rotate the tool in order to stab into the casing. Rotating against the brake had become an accepted practice.

#### What areas were identified for improvement?

The contractor's operating procedure for the CDS and the CDS Job Safety Analysis forms were revised to include the prohibition of rotation of the CDS outside the pipe.

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