





# INCIDENT 1

<b>Rig Involved:</b>	Al-Zubarah
<b>Date of Incident:</b>	23-Sept-2008
<b>Time of Incident:</b>	01:30hrs
<b>Rig Operations:</b>	Running in Hole 5 ½” DP
<b>Rating of Incident:</b>	Near Miss (Property Damage)

## **Incident Description:**

Rig was running 5 ½” DP in hole with Schlumberger TCL tool for Gamma logging.

At about 6500ft, the roller guide dropped from position, (above monkey board level) slipped down along the drilling line and landed on the draw works.

# Landing position at the Draw works.



Landing point of the Drilling line roller guide after trailing along the drilling line on a free fall from its position.

# Faulty Sheave and Broken hang off wire



Visible defects on sheave which subjected sling to mechanical impact.

Hang off wire of the drilling line roller guide assembly which broke as a result of wear & tear impact from faulty sheave.

# Position of Drilling line roller guide up in the Derrick



**Acrobat Document**

- **Immediate Cause(s);**

Hang off wire broke on stabilizer unit.

- **Underlying Cause(s);**

Poor condition of sheave was undetected due to awkward position of roller guide assembly (about 120ft outside of derrick) without service platform. This caused the inability to fulfill detailed regular inspection criteria as required.



# Corrective Actions Taken

- All routine inspections are now being supervised by sectional supervisors and reports verified for by GDI Rig Superintendent for correctness before signing off.
- There is an ongoing feasibility study in consultation with the derrick manufacturer to determine the possibility of removing the drilling line roller guide from service without any safety consequences.

## Lessons learned

- It is a wake up call to continue maintaining an effective Drop Object Prevention Program and the need for crews to stay off drops on areas as much as possible.
- Good observation and fast response time saved further damages to drawworks and/ or drilling as the driller immediately engaged his breaks when he noticed the dropped object landed at the drawworks.

## First Aid

## Pipe hitting left foot

## GDI - 2

- While fabricating stand for travelling block the pipe for the vertical section of the stand toppled down hitting the welder's left foot

# Foot Injury



# Foot Injury



# Foot Injury



## Immediate Cause:

- Pipe was not supported properly during adjustment and alignment.
- Bottom part of the pipe was not tack welded before making adjustments for alignment.

## Underlying Cause:

- Poor job planning
  - Poor identification of hazards
  - Lack of assistance
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# Corrective Actions Taken

**JSA to be reviewed and revised to capture the following points:**

- **Include full hazard identification.**
- **Proper planning of job**
- **Ensure sufficient personnel available for job.**

# Lessons learned

- **JSA to include proper job plan**
- **Person assisting should be holding the pipe or the pipe to be tack welded at the bottom before making adjustments for alignment.**
- **If it is NOT 100% safe to do the job, STOP and reassess the job.**



**Thank you  
for your time.**

**ANY QUESTIONS?**