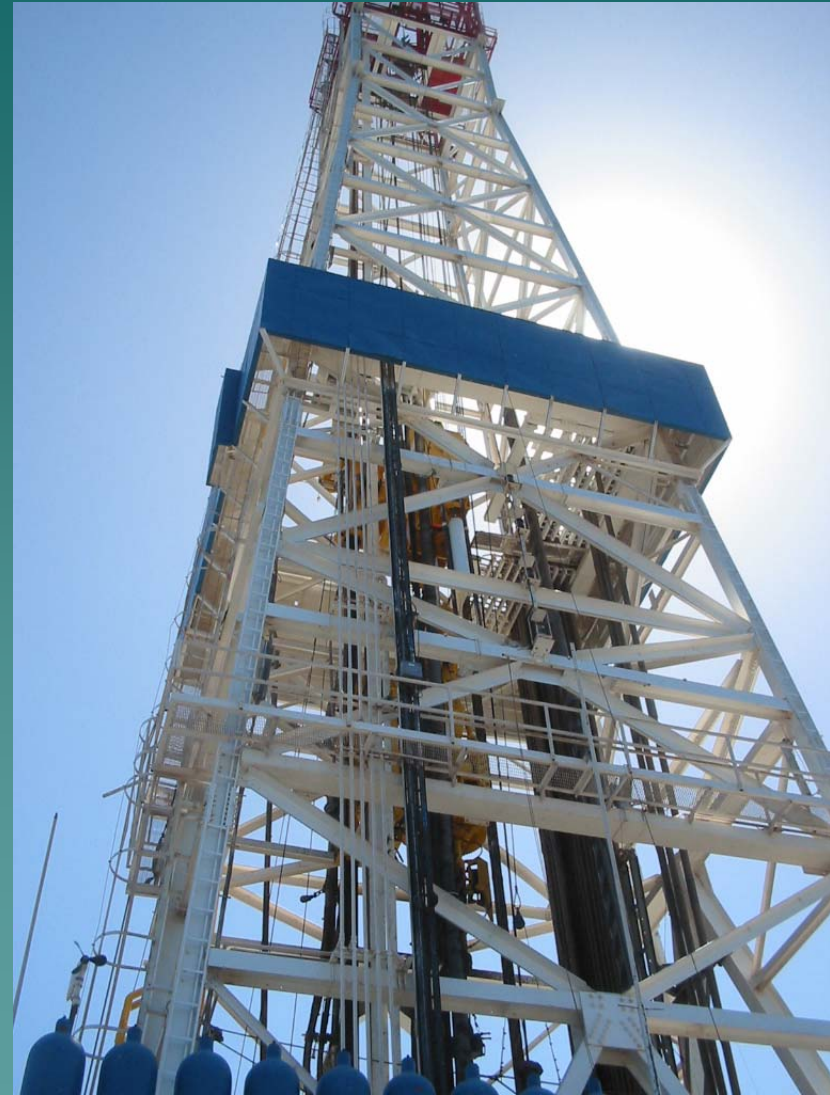




# Dropped Block Incident

Learning's from a high potential incident where the consequences could have been catastrophic





# Dropped Block Incident

- ◆ At approximately 01.28hrs 9 June 04 whilst drilling ahead, the elevators were approx 1-1.5 metres above the rotary.
- ◆ The driller stated he was picking up to make a connection, when a larger heave than normal came through, resulting in the elevators coming into contact with the rig floor



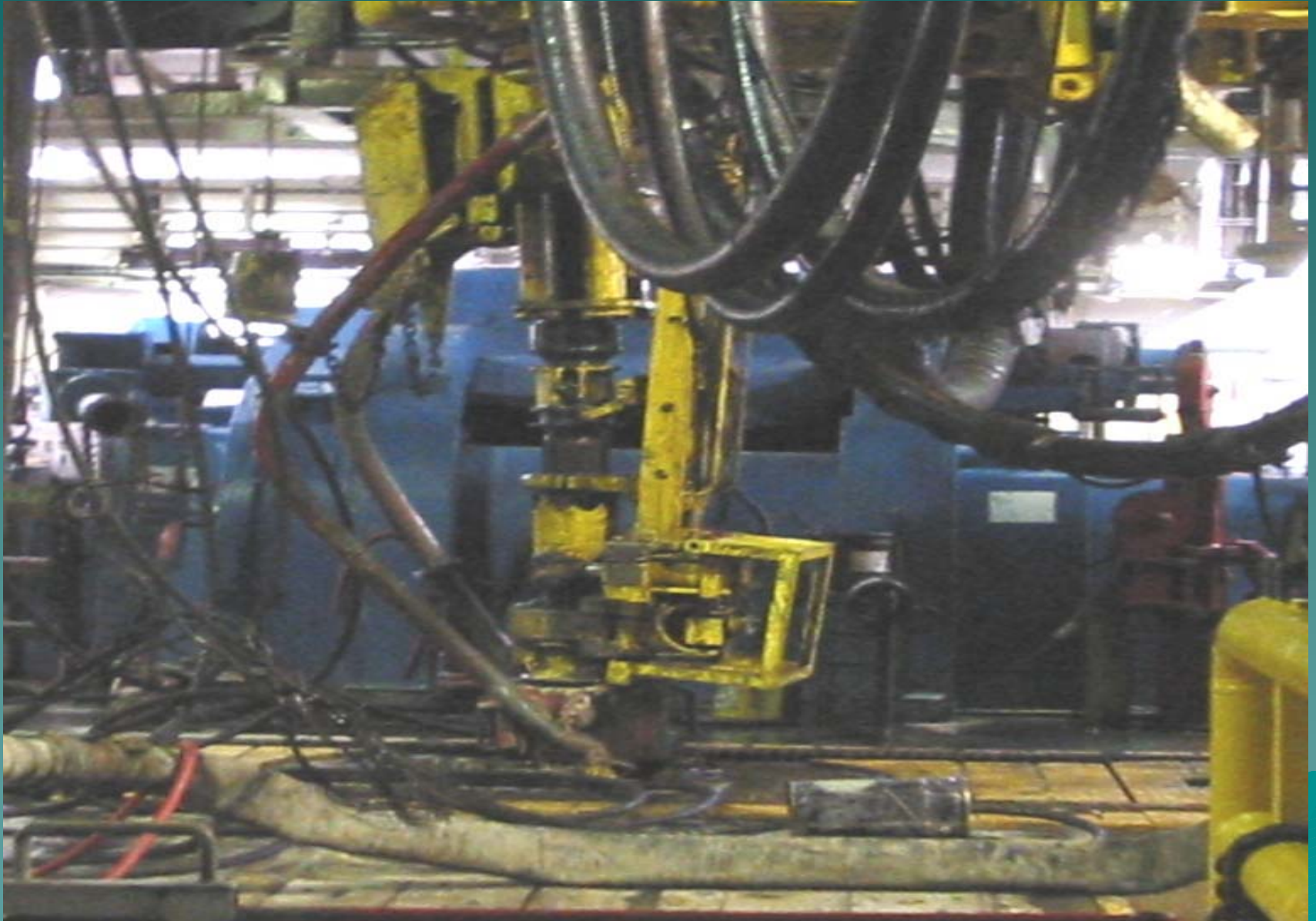
# Dropped Block Incident

- ◆ Action resulted in the blocks uncontrollably impacting with the drill floor
- ◆ Drill line paid out rapidly from the draw-works where the line severed at the entrance to the drum, with approx 60 metres of 1.5" drill line going through fast line sheave before falling to the drill floor.
- ◆ Luckily no one was hurt



# Dropped Block Incident

- ◆ Incident investigation team consisted of Operator and contractor personnel along with DOIR observing.
- ◆ A number of personnel on the rig reported hearing 2 'bangs'
- ◆ Investigation revealed operator error













# Corrective actions

- ◆ Rewrite procedure for Drilling with 'heaves'
- ◆ Manufacturer conducted thorough inspection of all components including MPI by third party company
- ◆ Write a guideline to how supervisors be informed of prevailing weather and what to expect – Include in JSA
- ◆ Council appropriate personnel as per guidelines
- ◆ Installation of Kinetic Energy Monitoring Systems (KEMS)