

## 1. Problem Statement

IOC challenged to accelerate project first oil and reduce overall project capex. Unclear if mothballed 500t platform deck and 300t jacket could be used instead of a new asset.

## 2. Aims

Allow the reuse of a mothballed asset to avoid costly procurement and increased schedule.

## 3. Method

- Reviewed design, construction, fabrication and modification records .
- Performed structural analysis and asset inspection.
- Compared asset health against company spec. Created mitigation plan

## 4. Impact

- Mothballed asset recommended fit for proposed use. Customer was able to purchase asset
- Reduced cycle time to procure, install and commission jacket/ platform deck by 60%
- Cost improvement estimated at 65% versus new structure
- Environmental advantages gained from re-using existing infrastructure