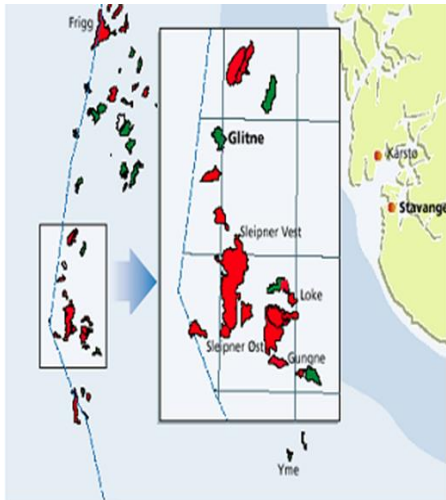




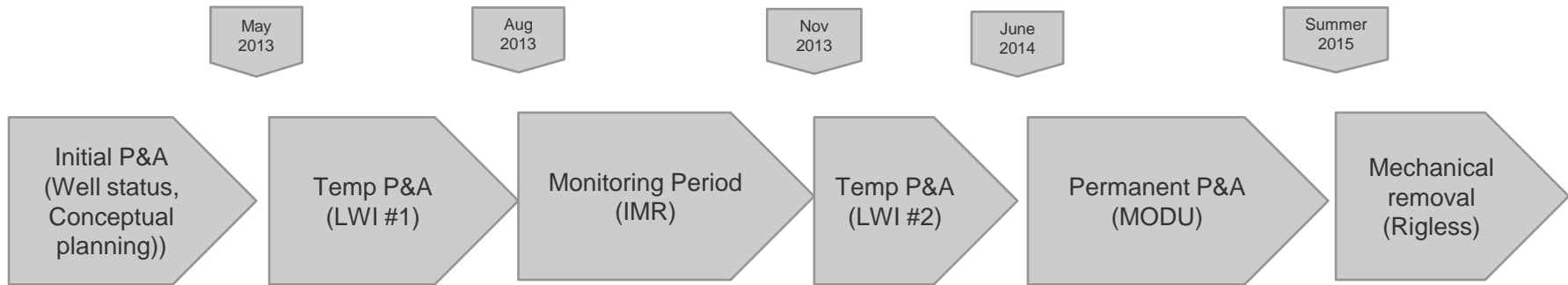
Glitne P&A
DW Operations Summary
16.10.2014

Glitne General Information

- Small oil field north of Sleipner
- Production start August 2001
- Last production day 24 February 2013
- P&A campaign 6 oil producers,
 - A-1 to A6
 - Watercut 90%+
- 1 combined water gas injector.
 - B-1 H



Overall Concept



**Petrojarl 1
Glitne Field**



**LWI
Island Wellserver**



**Rig
Songa Trym**



Objective and Scope with Rig operation

- Permanent secure the wells on the Glitne Field

Campaign :

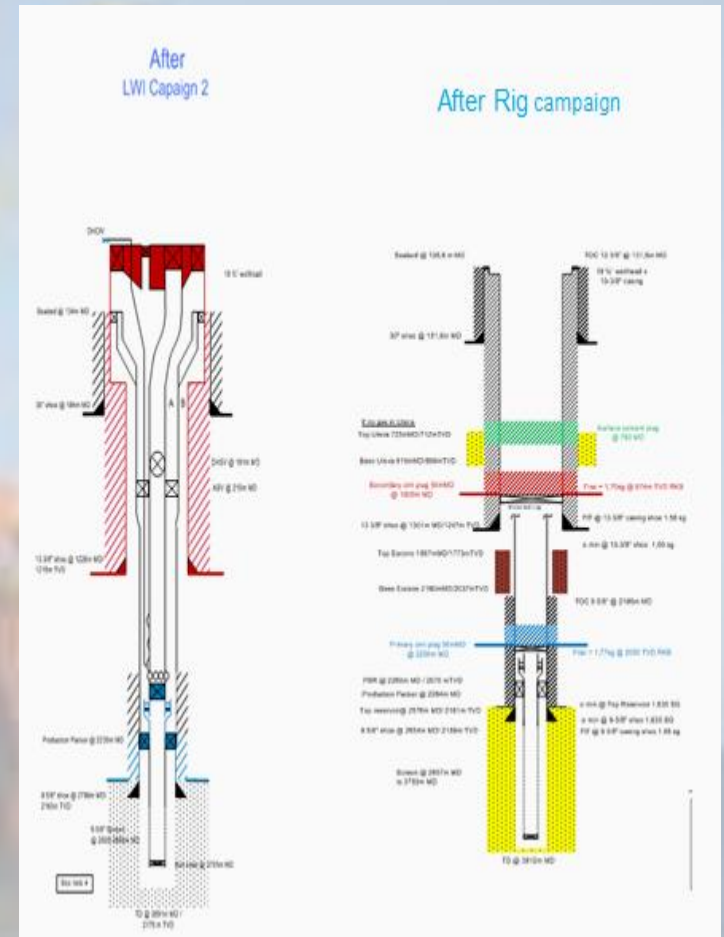
Pull completion and permanent plug the wells

Results

- Key facts:

Planned time (budget): 228 days

Days used: 130 days



Design Basis

- Flowing intervals:
 - Utsira, Gas injected in B1H , all wells needs to account for it, otherwise water.
 - Grid Fm : Waterfilled
 - Heimdal Fm: Oil
 - 870 Kg/m³, Bobble point 110 bar.
- Pressure now in reservoir 200 bar, expected to increase to 218 bar (original pressure)

Excellent results is achieved, so let us look at why

- Leadership : From a «helicopter view» perspective , a long chain of decisions have been successful. It involves leadership that :
 - Prepare the ground for safe and efficient operations
 - Team is aligned and prepared before execution – OPS (%) 97,5
 - Uses every possibility to cut cost as long as it is operational robust
 - I ex. No drift run , use alternative vessels, drillwater instead of spacer
 - Smarter planning
 - Must balance : good enough versus perfection
 - Use of formation as barrier
 - 2 independents jobs or log?
- A rig team with a performance spirit and documented track record to deliver
- Summer operations- WOW (%): 5,3
- A 7 well campaign in one batch

There's never been a better
time for **good ideas**

Presentation title

Presenters name

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