



Vessel Based Approach to Subsea Wellhead Removal

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WELL P&A
ALLIANCE

Vessel Based Approach to Subsea Wellhead Removal



AGENDA

- The Alliance
 - Baker Hughes
 - Proserv
 - Bibby Offshore
- Alternative Removal Technologies
 - Vessel Advantages
- Value Proposition
 - Commercial Advantages
 - Operational Advantages
 - Challenging the Norm
- Summary



THE ALLIANCE

Phase 3 - Cat 1
Wells

BIBBY
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because we love this business™



+

proserv

Phase 2 - Cat 2
Wells

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HUGHES

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BAKER
HUGHES



Alternative Removal Technologies



CHALLENGING THE NORM

Why a vessel based approach?

- Back to basics
- Using existing knowledge and experience within industry
- Fit for purpose
- Not gold plating
- Known technology
- Lesson learned



VESSEL ADVANTAGES



High Daily Cost
High Spec - Drilling/Workover

Increased Spread Cost
Slow Mob/Demob



Reduction in Day rate



Intervention/Live Well Workscopes
Higher Cost
Limited P&A Availability



Reduction in Day rate



Lower Day Rate
Small Operational Spread

Quick Mob/Demob
Fit for purpose



VALUE PROPOSITION



OPERATIONAL ADVANTAGES



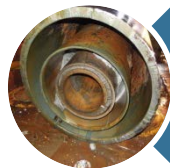
- Reduction in time
- Rapid deployment to site



- Flexibility
- Incorporation into other work programs



- Asset capability
- In-well operational time reduced by up to 30%



- Superior intervention speed
- Operational benefits over conventional methods

COMMERCIAL BENEFITS



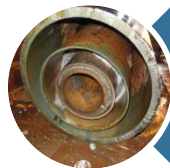
- Increased flexibility
- Time saving of circa 36%



- Cost savings of circa 40%
- Less contracting risk for client



- Collaborative contracting for the client
- Single contracting entity principle



- Improved schedule availability
- Potential for further savings on shared campaigns

WHAT ARE YOUR PAINS?

Maximising Efficiencies

- Site surveys
- Waste management and disposal
- Permitry
- Well programme development support
- Campaign management



SUMMARY

- Challenge the norm
- Evaluate optimal solution
- Fit for purpose
- Utilise lessons learned
- Let the contractor manage the “pains”

