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Exhibit No. _

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Overview Well Capping Team Challenges Start the team on day 5 Worked capping stack 2 days Reverted to Enterprise BOP on BOP for next two weeks Worked Capping Stack as contingency Monday May 10 - BOP on BOP move to DDI Last 3 days working both options to closure Work Completed Detailed Procedures HAZID to identify risk Risk mitigation Numerous Engineering Studies Work Remaining DDI1 Design Work Final Procedures Crew Engagement

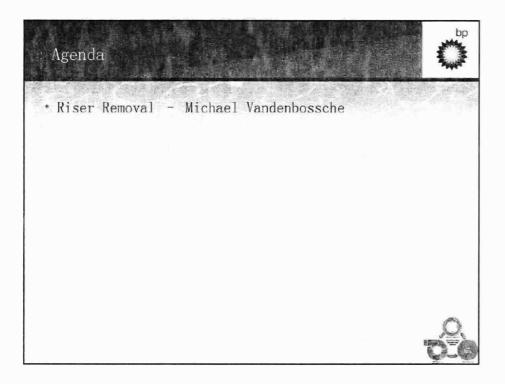
Overview



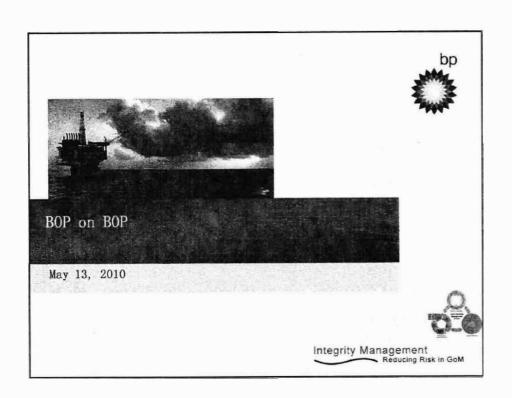
- BOP on BOP was first option
- Capping stack contingency if LMRP will not release
- Video Animations of the two Procedures



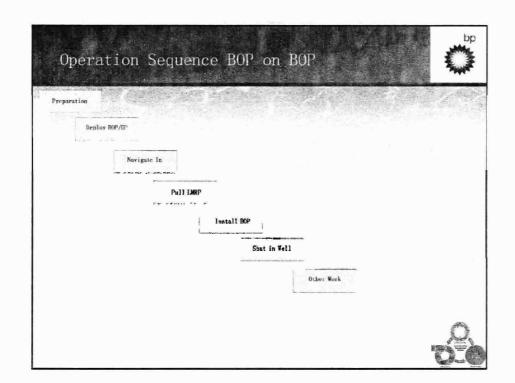
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Preparation Steps - BOP on BOP



Test and Inspect Equipment

- Crew Engagement Sessions
- DP System Check and Box in on Compatts
- Ensure ROV vessel is ready with cutting saws
 Prepare space out plan to land BOP
- · Ensure Communications between ROV vessel and DDII
- SIMOPS Plan Review and Morning Meetings
- · Prepare Post Shut-in Plan
- LMRP Slings Installed
- · Riser Cut and removed from top of Horizon flex joint



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Preparation Risks - BOP on BOP



RISK

- · Health of Horizon BOP
- DP System
- Riser Analysis and BOP on BOP Analysis
- SIMOPS
- · DDII BOP Certification
- LMRP Clash with BOP

MITIGATION

- Need full report on what has been done to date. Need to ensure the HC connector is locked and annulars are open. Lock Well head connector.
- · Audit System
- · Tighten watch circles
- Transit Lane Ingress and Egress
- Lessons Learned from DDIII
- · Slope indicator on Drill R



Deploy BOP Stack Steps - BOP on BOP



- · Skid BOP with HC Connector over well center
- Install diverter joints and riser fill up valve
- · Run remaining riser and space out
- · Install tensioners
- Install Choke/Kill/Rigid Conduit/Boost Line
- Hook up to glycol/water and displace choke and kill lines
- * Land with BLAT tool and hold BOP ready for transit



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Deploy BOP Stack Risk - BOP on BOP



RISK

- · Fill-up Valve on Riser
- · Perforated Joint Design
- · Blanking Sub
- · Diverter Joints
- · Hydrates build up at bottom of BOP and on HC connector and Diverter Joint

MITIGATION

- ROV Operated Simple Design
- · Vetted through BP, Stress and TOI
- · 18" thick riser seal
- · 2 times flow area Low pressure drop - Back up
- · Robust plan to include grease and glycol injection through HC connector and choke and kill lines



Deploy LMRP Pulling Assembly Steps BOP on BOP



- Install rigging on 6-5/8" Drill Pipe in Auxillary Rotary
- 1. Double sling and hook on upside down 500T elevators
- 2. TIW valves to prevent flow up the drill pipe
- 3. Install hot line with pig tail for releasing LMRP
- Run 6-5/8" LMRP recovery string to depth



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Navigate to Location Steps/Risks - BOP on BOP



Risks

- SIMOPS
- Plume impacting rig
- Gas Detection on Rig
- PPE for Gas/Fumes Grounding BOP

Mitigations

- · DDII using plan now
- Contingency plan in place, plume monitoring
- Sensors installed
- · Plan in place
- · Rig transit plan



Pull LMRP Steps - BOP on BOP



* ROV attachs LMRP sling to 6-5/8" Drill Pipe in Aux. Rotary

Rig takes straight pull of 50,000 lbs over LMRP Weight

- ROV releases mini-collet connectors
- ROV installs hot line to unlatch primary and secondary posts

Apply up to 4000 psi to release HC connector

- Pull up LMRP one stand and hold
- · Cut drill pipe in BOP if required



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Pull LMRP Risk - BOP on BOP



RISK

- Unlatch LMRP
- Seal Failures
- 3. Loaking Fittings
- 3. Shuttle Valve Shifting
- Unlatch problems due to getting power to the unlock side not due to connector health
- Hot Line to LMRP Unlock
- Lifting and Park LMRP Clash due . Slope indicator on drill pipe for to off-center pull and plume dynamics

Cut Pipe in BOP with Diamond Wire Saw

Stability - Two Sling arrangement

MITIGATION

- FMEA 21 potential reasons for not unlatching
 - Trouble shooting plan with alternatives
- · Trouble shooting plan with alternatives
- Hot line from rig primary. ROV can operate as back-up
- straight pull.
- Two saw contingency with one ROV cutting and one ROV pull pipe
- Contingency to land LMRP on Bott



Install BOP Steps - BOP on BOP



- Move BOP over well center as close to male HC profile as practical
- * Begin pumping glycol down choke and kill lines
- * Stab BOP on HC connector and slack of 50,000 lbs
- · Close and lock HC connector on DDII BOP
- Over pull 50,000 lbs and verify lock indicator



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Install BOP Risk - BOP on BOP



RICK

- AX Installation or Removal rigid pin or hydraulic release
- AX Gasket stays on AX male hub
- · Condition of HC Mandrel
- Hydrates on BOP, HC Connector, and diverter joint
- * DP System Drive Off
- · Flow Force on BOP

BOP on BOP stability

MITIGATION

- · Looking at statistics
- Remove with ROV or drop AX an using existing one
- · Double resilient seal AX gasket
- Grease and glycol circulation down choke and kill lines
 Highest alert level DP watch during critical operations
- · Modeled 1400 lbs up
- Analysis indicates need for tight watch circles



Shut-In Well Steps - BOP on BOP



- · Close shear to stem flow
- Close lower Blind Shear Rams
- Close upper Blind Shear Rams
- * Monitor Pressures



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Shut-In Well Risk - BOP on BOP



RISK

MITIGATION

- · Glycol pumping prior to · Hydrates in Rams closing well in
 - Move to bull head kill
- * Broaching at Sea bed
- · BOP on BOP without DDII LMRP

Horizon BOP at near vertical

- · Leaks in the Horizon BOP
- · Leaks in HC Connector
- · Scal Tite Seal Tite



Other Operations - BOP on BOP



- Release LMRP and round trip to remove diverter joints
- Begin Well Kill Operations
- · Monitor well and wait for relief wells



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Peer Assistance Needs



- Hydrates
- . Glycol v. Methanol
- 2. Hydrate Mitigation Measures
- 2. Probability of Forming hydrates
- 4. Field testing we can do to understand probability of hydrates
- 5. Procedure for pumping down choke and kill lines
- · HC Connector Release
- !. What can we do now to improve results
- 2. Trouble shooting guidelines
- 2. Alternative methods to release connector



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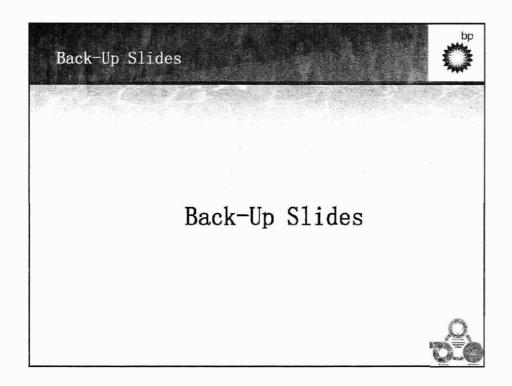
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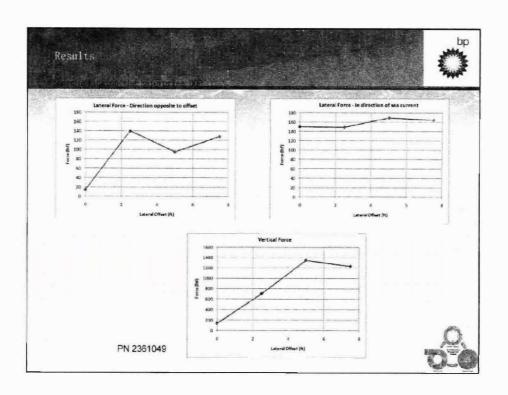


- · DDI1 BOP Space Out
- 1. Work riser analysis
- 2. Work Transit Plan to location with BOP and LMRP recovery sling deployed
- 3. Work clashing issues to minimize chance
- · Other Procedures
- Closure on what will happen after the well is shut-in



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