

### Risk Mitigation Plan

<b>Description of Risk</b> Risk that uncontrolled flow during drilling, completion or well intervention activities have the potential for a loss of well control (LoWC), release of hydrocarbons and potential environmental damage (ENV A4) and could, if ignited, lead to fire and explosion (SAF D2). This Plan applies to BP-owned rigs in the GoM (Thunder Horse, Holstein, and Mad Dog) along with all contracted MODUs operating in the SPU fleet. Asset Hazard ID numbers shown above.	<b>Risk Identification Number(s) :</b> TH-HSE-9, HL-16, AT-HSE-99	<b>Operations Impact</b> Check boxes that apply <input checked="" type="checkbox"/> Safety <input checked="" type="checkbox"/> Environmental <input checked="" type="checkbox"/> Production
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<b>Changes</b> <input checked="" type="checkbox"/> First Submission <input checked="" type="checkbox"/> No action plan or schedule change	<input type="checkbox"/> Mitigation action plan changed from previous submission <input type="checkbox"/> Mitigation plan schedule changed from previous submission <input type="checkbox"/> Mitigation action plan and schedule changed from previous submission
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**Risk Mitigation** (Where multiple risk mitigations exist for the same risk, use multiple sheets and provide a unique risk mitigation number on each sheet)

**Risk Mitigation No.:** \_\_\_\_\_ **Core Action Tracker No.:** \_\_\_\_\_

**Description**  
This risk mitigation plan will focus on additional key tasks and schedule (beyond those currently in GoM Operating Procedures, Well Control Manual, and DWOP) for evaluating competencies (People), maintaining well control equipment (Plant), and following established procedures (Processes) used to control the LoWC risk. These tasks include:  
 1 - Maintain Well Control (WC) training and certification for all line D&C personnel (BP & Contractor). Revalidate with staff movement into GoM.  
 2 - Follow the Segment's forward plan to implement the 10 Year Plan for GoM D&C  
 3 - Revalidate asset-specific Probability and Consequences for LoWC risk, beginning with Thunder Horse  
 4 - Review and assure the effectiveness of the barriers and controls identified in the bow-ties for the LoWC risk  
 5 - Train personnel on the new GoM Well Control Response Guide (WCRG)

No. Action	2009				2010				SPA
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
<b>Competencies</b>									
1 Maintain WC training and certification for line D&C personnel		Ongoing							D&C Wells Team Leads
2 Verify Drig Contractor WC training and certification for line personnel		Ongoing							D&C Wells Team Leads
3 Implement 10 Year Plan as led by the Segment									D&C Wells Team Leads
<b>Blow-Out Risk Potential and Consequences</b>									
4 Revalidate Asset Probability and Consequence									D&C EAs
<b>Health Check (robustness) of Barriers</b>									
5 Evaluate effectiveness of Barriers with each rig team									D&C EAs
<b>Contingency Planning</b>									
6 Train GoM D&C personnel on the new GoM WCRG									D&C EA

**Key:** Planned : Complete : Behind Schedule :

**Notes:**  
\* SPU submitted a temporary deviation for IMS Element 2 (Competence) until YE 2009. Training and assessments are in a phased Segment-wide plan beginning with WSLs (pilot now completed). Sr. Drilling, Sr. Completion, and Sr. Intervention Engineers will follow in 2010.

**Approvals**  
Approving mitigation plans for identified risk exposures and continued operation of the facilities following due consideration of the identified risks.

 Kevin Lacy, VP D&C 10/14/09 Date	 Dan Repole, VP Thunder Horse 10/21/09 Date
 Jonathan Sprague, EA Drilling 10/19/09 Date	 Richard Morrison, VP Production 11/10/09 Date