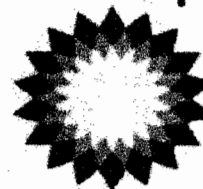


Gulf of Mexico SPU

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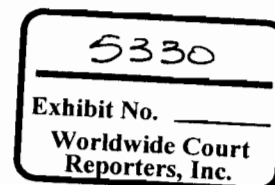


GoM Drilling, Completions and Interventions

Operations Procedure

- DW Horizon Emergency Shear Ram Closing

NOT for public release without permission from BP



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| 0 | 24-Apr-2010 | Approved - Issued for GoM Use | | Doug Suttles |
| Rev | Date | Document Status | Custodian/Owner | Authority |

| Document Control Number | Organization ID | Sector ID | Discipline ID | Document Class | Sequence Number | Document Revision |
|-------------------------|-----------------|-----------|---------------|----------------|-----------------|-------------------|
| | 2200 | T2 | DO | PR | 4006 | 0 |

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AMENDMENT RECORD

| Amendment Date | Revision Number | Amender Initials | Amendment |
|----------------|-----------------|------------------|-------------------------------|
| 4/24/2010 | 0 | | Approved - Issued for GoM use |
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| Title of Document: | Operations Procedure - DW Horizon Emergency Shear Ram Closing | Document Number: | 2200-TD-DD-PR-4006 |
| Authority: | Authority Name | Revision: | 0 |
| Custodian/Owner: | Cust Name | Issue Date: | 4/23/2010 |
| Retention Code: | ADM3000 | Next Review Date (if applicable): | 4/24/2011 |
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BP Background Information - Confidential

1 Introduction

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Dive ROV's:

- Lower BP Accumulator and Bladder skids to the ocean floor near the BOP to allow ROV to access the jumper hose with Hot stab to ROV intervention panel on the Bop.
 - o ROV to accompany skid to ocean floor to verify the skid is clear from any obstructions.
 - o Position the skid 180 degrees from the bent riser near the BOP to access the jumper hose to the ROV intervention panel.

• ROV #1:

- o Dive to BP Accumulator and Bladder skids
- o Plug into the Accumulator and Bladder skids to charge BP Accumulator skid.
- o Charge BP Accumulator skid to 4750 psi.
- o Remain connected to the BP Accumulator skid with the 17H hot stab to recharge the BP accumulator as required.
- o ROV #1 to monitor gauges.

• ROV #2:

- o Dive to BOP and standby to stab the 17D Hot Stab with jumper hose from the BP Accumulator skid into the BlindShear Ram close function on the ROV intervention panel.

• On go orders from BP Incident Command Center

- o Have one ROV with sonar to scan for potential broach before closing well. After closing, perform survey around wellhead to ensure no breaching of hydrocarbon to the seafloor.

Prep to Close Shear Rams:

- ROV #1:
 - o Standby at valve 0-1 on the BP Accumulator skid
- ROV #2:
 - o Stab in the Hot Stab with Jumper hose from the BP Accumulator skid to the Blind Shear Ram close function on the BOP intervention panel.

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- ROV #1

- o Open valve 0-1 on the BP accumulator skid until we see pressure build up to a maximum of 4750 psi. (ROV to be + prepared to close valve from accumulator skid on orders from Transocean PIC on Skandi N)
- o Stand-by at the Accum Skid Ball valve 0-1.
- o When pressure reaches 4750 psi, close Ball Valve.
- o Monitor Pressure Gauge to Hot Stab / Shear rams for 30 minutes minimum.

- ROV #2

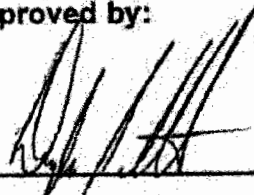
- o Standby the ROV intervention panel.

ROV #1 and #2 stand by for further instructions.

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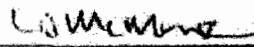
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Approved by:



Doug Suttles, BP
Chief Operating Officer E&P

4-25-10
Date



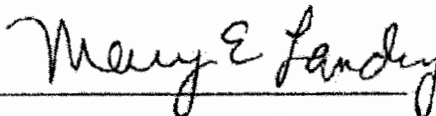
Larry McMahon, Transocean
Vice President

4/25/10
Date



Lars Herbst, MMS
Regional Director

4/25/10
Date



Rear Admiral Mary Landry
8th District Commander

4/25/10
Date

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