1. OCCURRED
   DATE: 06-MAR-2010   TIME: 1500 HOURS

2. OPERATOR: BP Exploration & Production Inc.
   REPRESENTATIVE: Winfree, Bekki
   TELEPHONE: (281) 366-8372

   CONTRACTOR: Transocean Offshore
   REPRESENTATIVE: Jason Braquet
   TELEPHONE: (713) 232-8245

3. OPERATOR/CONTRACTOR REPRESENTATIVE/SUPERVISOR ON SITE AT TIME OF INCIDENT:

4. LEASE: G09868
   AREA: MC
   LATITUDE:
   BLOCK: 778
   LONGITUDE:

5. PLATFORM
   RIG NAME: T.O. DISCOVERER ENTERPRISE

6. ACTIVITY:
   X EXPLORATION/POE
   DEVELOPMENT/PRODUCT ON (DOCD/POD)

7. TYPE:
   X HI STORI C INJURY
   REQU RED EVACUATI ON
   LTA (1-3 days)
   LTA (>3 days)
   RWJT (1-3 days)
   RWJT (>3 days)
   Other Injury

   X FATALITY

   X POLLUTION ON

   EXPLOSION ON

   LWC
   HI STORI C BLOWOUT
   UNDERGROUND
   SURFACE
   DEVERTER
   SURFACE EQUIPMENT FAI LURE OR PROCEDURES

   COLLISION

   HI STORI C

   >$25K

   <=$25K

8. CAUSE:
   X EQUIPMENT FAI LURE
   HUMAN ERROR
   EXTERNAL DAMAGE
   SLIP/TRIP/FALL
   WEATHER RELATED LEAK
   UPSET H20 TREATING
   OVERBOARD DRI LLI NG FLUID
   OTHER Mud U-tubing

9. WATER DEPTH: 5626 FT.

10. DISTANCE FROM SHORE: 89 MI.

11. WIND DIRECTION:
    NNE

   DEVERTER SPEED:
   1 MPH

12. CURRENT DIRECTION:
    NNE

   DEVERTER SPEED:
   1 MPH

13. SEA STATE: 3 FT.
On 6 March 2010 while running casing, U-tubing occurred on casing joint #14. A slug was pumped, and after running casing joint #8, casing joint #7 was lifted from the conveyor. Joint #7 was stabbed into the stump, the connection made and the Driller proceeded to lower the block and elevators. Mud started flowing from the top of the joint before the single joint elevators were removed. Mud U-tubing from the pipe pushed the flow back assembly off center of the casing elevators and caused an assembly hang-up. The Rigger, acting as a Spotter from the Pal-finger basket, flagged the Driller to lower the block after the flow back hose went into casing. The Driller proceeded to lower the block when the casing elevators were positioned over the casing. The U-tubing from the pipe caused an estimated 21 bbls of Synthetic Oil Based Mud (SOBM) to be released into the Gulf waters of which 13 bbls were base oil. The Driller raised and retracted the block, and then lowered the block to straighten the drill line. The single joint of casing was replaced by the 11 3/4” casing swedge and a TIW valve.

18. LIST THE PROBABLE CAUSE(S) OF ACCIDENT:
Mud U-tubing from the pipe pushed the flow back assembly off center of the casing elevators resulting in a drilling line backlash and pollution event.

19. LIST THE CONTRIBUTING CAUSE(S) OF ACCIDENT:
1) The mud weight was not properly balanced and caused U-tubing out of the top of the casing.
2) The slug was not pumped soon enough to balance the U-tube.

20. LIST THE ADDITIONAL INFORMATION:

21. PROPERTY DAMAGED:  
The casing flow back tool cup seal was damaged and 21 bbl of SOBM (13 bbl of synthetic base oil) was lost overboard.  

NATURE OF DAMAGE:  
Damaged rubber cups on the casing flow back tool and lost SOBM.

ESTIMATED AMOUNT (TOTAL):  
$4,450

22. RECOMMENDATIONS TO PREVENT RECURRANCE NARRATIVE:
The New Orleans District has no recommendations for the Regional Office of Safety Management.
23. POSSIBLE OCS VIOLATIONS RELATED TO ACCIDENT: YES

24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:

E-100 Rig had unauthorized discharge of pollutants into offshore waters.

Estimated 21 bbls SOBM went into offshore waters. Oil to mud ratio is 62% which calculates out to 13 bbls of synthetic base oil into the water. Estimated 158 bbls of mud flowed over the top of the casing with 137 bbls recovered through the vacuum system.

25. DATE OF ONSITE INVESTIGATION:

08-MAR-2010

26. ONSITE TEAM MEMBERS:

Ashton Blazquez / Eric Neal /

29. ACCIDENT INVESTIGATION PANEL FORMED: NO

30. DISTRICT SUPERVISOR:

DAVID TROCQUET

APPROVED DATE: 09-FEB-2011
### INJURY/FATALITY/WITNESS ATTACHMENT

- **X** Operator Representative
- **X** Witness

<table>
<thead>
<tr>
<th>NAME: Buddy Ingram</th>
</tr>
</thead>
<tbody>
<tr>
<td>HOME ADDRESS: Carthage, MS</td>
</tr>
<tr>
<td>WORK PHONE: (832) 587-5531</td>
</tr>
<tr>
<td>TOTAL OFFSHORE EXPERIENCE: YEARS</td>
</tr>
<tr>
<td>EMPLOYED BY: BP Exploration &amp; Production Inc.  / 02481</td>
</tr>
<tr>
<td>BUSINESS ADDRESS: 501 WestLake Park Boulevard, Houston, TX</td>
</tr>
<tr>
<td>ZIP CODE: 77079</td>
</tr>
</tbody>
</table>
1. VOLUME: GAL 21 BBL
   YARDS LONG X YARDS WIDE

   APPEARANCE:

2. TYPE OF HYDROCARBON RELEASED:
   - [ ] OIL
   - [ ] DI ESEL
   - [ ] CONDENSATE
   - [ ] HYDRAULIC
   - [ ] NATURAL GAS
   - [X] SOBM
   - [ ] OTHER

3. SOURCE OF HYDROCARBON RELEASED: Casing joint collar

4. WERE SAMPLES TAKEN? YES

5. WAS CLEANUP EQUIPMENT ACTIVATED? NO
   
   IF SO, TYPE:
   - [ ] SKIMMER
   - [ ] CONTAINMENT BOOM
   - [ ] ABSORPTION EQUIPMENT
   - [ ] DISPERSANTS
   - [ ] OTHER

6. ESTIMATED RECOVERY: GAL 137 BBL

7. RESPONSE TIME: 1 HOURS

8. IS THE POLLUTION IN THE PROXIMITY OF AN ENVIRONMENTALLY SENSITIVE AREA (CLASS I)? NO

9. HAS REGION OIL SPILL TASK FORCE BEEN NOTIFIED? YES

10. CONTACTED SHORE: NO IF YES, WHERE:

11. WERE ANY LIVE ANIMALS OBSERVED NEAR: NO

12. WERE ANY OILED OR DEAD ANIMALS OBSERVED NEAR SPILL: NO