ACCIDENT INVESTIGATION REPORT

1. OCCURRED
   DATE: 14-MAY-2009   TIME: 1500 HOURS

2. OPERATOR: Chevron U.S.A. Inc.
   REPRESENTATIVE: Sanchez, Maritza
   TELEPHONE: (832) 854-7788
   CONTRACTOR: Transocean Offshore
   REPRESENTATIVE: Hillman, Reggie
   TELEPHONE: (713) 232-8447

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

4. LEASE: G23000
   AREA: GC   LATITUDE:
   BLOCK: 847   LONGITUDE:

5. PLATFORM:
   RIG NAME: T.O. DISCOVERER DEEP SEAS

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

7. TYPE:
   HISTORIC INJURY
   REQUIRED EVACUATION
   LTA (1-3 days)
   LTA (>3 days)
   RW/JT (1-3 days)
   RW/JT (>3 days)
   Other Injury

   FATALITY
   POLLUTION
   FIRE
   EXPLOSION

   LWC:
   HISTORIC BLOWOUT
   UNDERGROUND
   SURFACE
   DEVERTER
   SURFACE EQUIPMENT FAILURE OR PROCEDURES

8. CAUSE:
   EQUIPMENT FAILURE
   HUMAN ERROR
   EXTERNAL DAMAGE
   SLIP/TRIP/FALL
   WEATHER RELATED
   LEAK
   UPSET H2O TREATING
   OVERBOARD DRILLING FLUID
   OTHER

9. WATER DEPTH: 5716 FT.

10. DISTANCE FROM SHORE: 140 MI.

11. WIND DIRECTION: ENE
    SPEED: 14 M.P.H.

12. CURRENT DIRECTION: SE
    SPEED: 1 M.P.H.

13. SEA STATE: 2 FT.
17. DESCRIBE IN SEQUENCE HOW ACCIDENT HAPPENED:

The rig's cementer decided, while waiting during BOP testing, to take on drill water in the mixing tank in order to perform a function test of the mixing components and recirculating pump. When he was finished he then proceeded to release the drill water from the mixing tank through the overboard discharge line. During the process of releasing the drill water, the cementer noticed the level of the Synthetic Base Mud (SBM) in the measuring tank was going down. He immediately closed the two valves for the measuring tank that were allowing the SBM to commingle with the drill water.

A total of 4 barrels of SBM was released into Gulf of Mexico waters. The SBM contained 53 percent base oil for a total of 2.12 barrels of pollutant material.

The Coast Guard and MMS were notified as well as an NRC report filed.

18. LIST THE PROBABLE CAUSE(S) OF ACCIDENT:

The valve on the discharge line for the measuring tank containing SBM was not in the closed position. This valve should be in a closed position when SBM or other pollutant fluids are being held in the measuring tank.

19. LIST THE CONTRIBUTING CAUSE(S) OF ACCIDENT:

The cementer was attempting two operations simultaneously; BOP testing and function testing of the mixing equipment, without performing a Job Safety Analysis (JSA). The valves for the measuring tank were initially aligned in the open position for the testing of the BOP's but were not placed in the closed position prior to performing the function testing of the mixing equipment.

20. LIST THE ADDITIONAL INFORMATION:

A Safety Alert has been issued by the cement company to Lock-Out the valves for overboard discharge lines on tanks holding pollutant fluids. A designated person will be responsible for the unlocking of the valves when requested and deemed appropriate to do such. The alert also mandated that a JSA shall be performed before each operation and that a subsequent operation cannot begin until the ongoing operation has been completed.
21. PROPERTY DAMAGED: No damage to property.

NATURE OF DAMAGE: No damage to property.

22. RECOMMENDATIONS TO PREVENT RECURRANCE NARRATIVE:
Due to the nature of this incident, the Houma District has no recommendations at this time.

23. POSSIBLE OCS VIOLATIONS RELATED TO ACCIDENT: YES

24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:
An Incident of Non-Compliance, E-100, for pollution has been issued for this incident due to the pollution volume being greater than one barrel and the cause having been determined to be Human Error.

25. DATE OF ONSITE INVESTIGATION:

26. ONSITE TEAM MEMBERS: Ben Coco /

29. ACCIDENT INVESTIGATION PANEL FORMED: NO

OCS REPORT:

30. DISTRICT SUPERVISOR:
Bryan A. Domangue

APPROVED
DATE: 03-AUG-2009
1. VOLUME: GAL 2.12 BBL

YARDS LONG X YARDS WIDE

APPEARANCE:

2. TYPE OF HYDROCARBON RELEASED: 
   - OIL
   - DIESEL
   - CONDENSATE
   - HYDRAULIC
   - NATURAL GAS
   - OTHER SBM

3. SOURCE OF HYDROCARBON RELEASED: Cement Unit Overboard Drain

4. WERE SAMPLES TAKEN? NO

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

6. ESTIMATED RECOVERY: GAL BBL

7. RESPONSE TIME: 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? NO

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