

UNITED STATES DEPARTMENT OF THE INTERIOR  
 MINERALS MANAGEMENT SERVICE  
 GULF OF MEXICO REGION  
**ACCIDENT INVESTIGATION REPORT**

1. OCCURRED

DATE: **27-JUN-2007** TIME: **1800** HOURS

2. OPERATOR:

**LLOG EXPLORATION COMPANY**

REPRESENTATIVE: **John Duncan**

TELEPHONE: **(713) 948-6270**

CONTRACTOR: **Diamond Offshore Drilling, Inc**

REPRESENTATIVE: **Ron Davis**

TELEPHONE: **(800) 848-1980**

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

4. LEASE:

**G25103**

AREA: **MC** LATITUDE:

BLOCK: **707** LONGITUDE:

5. PLATFORM:

RIG NAME: **DIAMOND OCEAN SARATOGA**

6. ACTIVITY:

- 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

COLLISION  HISTORIC  >\$25K  <=\$25K

- STRUCTURAL DAMAGE
- CRANE
- OTHER LIFTING DEVICE
- DAMAGED/DISABLED SAFETY SYS.
- INCIDENT >\$25K
- H2S/15MIN./20PPM
- REQUIRED MUSTER
- SHUTDOWN FROM GAS RELEASE
- OTHER

6. OPERATION:

- PRODUCTION
- DRILLING
- WORKOVER
- COMPLETION
- HELICOPTER
- MOTOR VESSEL
- PIPELINE SEGMENT NO.
- OTHER

8. CAUSE:

- EQUIPMENT FAILURE
- HUMAN ERROR
- EXTERNAL DAMAGE
- SLIP/TRIP/FALL
- WEATHER RELATED
- LEAK
- UPSET H2O TREATING
- OVERBOARD DRILLING FLUID
- OTHER \_\_\_\_\_

9. WATER DEPTH: **1538** FT.

10. DISTANCE FROM SHORE: **60** MI.

11. WIND DIRECTION: **NE**  
SPEED: **10** M.P.H.

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

13. SEA STATE: FT.

17. DESCRIBE IN SEQUENCE HOW ACCIDENT HAPPENED:

On June 27, 2007, while transferring mud from pit # 5 to the slugging pit, mud leaked by the master dump valve. The master dump valve had been opened for cleaning of the slug pit for a cement spacer. The master dump valve was not closed back and the rig accidentally dumped 33 barrels of synthetic mud (25% oil) of which approximately 8 barrels was oil, while drilling sidetrack 2 of well No.1. The spill naturally dissipated.

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

**Ensure master dump valve is closed and locked.**

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

- (1) Master dump valve not closed and locked.
- (2) Improper handover at tour change to relay information about ongoing operation.

20. LIST THE ADDITIONAL INFORMATION:

21. PROPERTY DAMAGED:

**33 barrels of synthetic mud**

NATURE OF DAMAGE:

**Lost overboard**

ESTIMATED AMOUNT (TOTAL):

22. RECOMMENDATIONS TO PREVENT RECURRENCE NARRATIVE:

- (1) Train all employees to ensure closure of valve before transferring and fluid.**
- (2) Complete proper handover at tour change.**
- (3) Revise JSA.**

23. POSSIBLE OCS VIOLATIONS RELATED TO ACCIDENT:

24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:

25. DATE OF ONSITE INVESTIGATION:

**27-JUN-2007**

26. ONSITE TEAM MEMBERS:

**Darrell Williams /**

29. ACCIDENT INVESTIGATION  
PANEL FORMED: **NO**

OCS REPORT:

27. OPERATOR REPORT ON FILE: **YES**

30. DISTRICT SUPERVISOR:

**Troy Trosclair**

APPROVED

DATE: **11-SEP-2007**

# POLLUTION ATTACHMENT

1. VOLUME: GAL 8 BBL  
YARDS LONG X YARDS WIDE

### APPEARANCE:

2. TYPE OF HYDROCARBON RELEASED:  OIL  
 DIESEL  
 CONDENSATE  
 HYDRAULIC  
 NATURAL GAS  
 OTHER Synthetic Base Mud

3. SOURCE OF HYDROCARBON RELEASED: **Master Dump Valve**

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**