

UNITED STATES DEPARTMENT OF THE INTERIOR
MINERALS MANAGEMENT SERVICE
GULF OF MEXICO REGION

ACCIDENT INVESTIGATION REPORT

1. OCCURRED

DATE: 26-FEB-2008 TIME: 1900 HOURS

2. OPERATOR: Kerr-McGee Oil & Gas Corporation
REPRESENTATIVE: Maness, Katie
TELEPHONE: (832) 636-2582
CONTRACTOR: Diamond Offshore Drilling, Inc.
REPRESENTATIVE: Gary Case
TELEPHONE: (601) 833-6266

- STRUCTURAL DAMAGE
- CRANE
- OTHER LIFTING DEVICE
- DAMAGED/DISABLED SAFETY SYS.
- INCIDENT >\$25K
- H2S/15MIN./20PPM
- REQUIRED MUSTER
- SHUTDOWN FROM GAS RELEASE
- OTHER 80 bbls SBM lost overboard

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

6. OPERATION:

4. LEASE: G17406
AREA: GB LATITUDE: 27.30994
BLOCK: 667 LONGITUDE: -93.56908

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

5. PLATFORM:
RIG NAME: DIAMOND OCEAN STAR

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

8. CAUSE:

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

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

FATALITY
 POLLUTION
 FIRE
 EXPLOSION

9. WATER DEPTH: 3103 FT.

LWC HISTORIC BLOWOUT
 UNDERGROUND
 SURFACE
 DEVERTER
 SURFACE EQUIPMENT FAILURE OR PROCEDURES

10. DISTANCE FROM SHORE: 136 MI.

11. WIND DIRECTION: S
SPEED: 36 M.P.H.

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

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

13. SEA STATE: 14 FT.

17. INVESTIGATION FINDINGS:

On 26 February 2008 at 1900 hours, the Ocean Star completed testing/flushing the choke line, but the Driller did not observe an increase in pressure. Subsequent to stopping the pumps, it was discovered that the choke droop hose connection on the gooseneck to the slip joint on the riser was disconnected. It was later determined that the gooseneck connection retaining pin was missing. Approximately 80 bbls of Synthetic Base Mud (SBM) were released into the moon pool, and the SBM release was not recoverable. The actual product discharged was Rheliant 14.0, an olefin based drilling fluid.

The repairs were completed and the gooseneck connection was tested to 250/8000 psi at approximately 1500 hours on 27 February 27 2008 when the weather conditions improved.

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

The gooseneck connection retaining pin was missing, allowing the main pin securing the gooseneck to the slip joint to disengage.

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

The gooseneck connection retaining pin was either left out or broken off, allowing the main pin to work out of the saddle due to heavy seas striking the bottom of the hose. It is unknown as to why the gooseneck connection retaining pin was missing.

20. LIST THE ADDITIONAL INFORMATION:

To prevent this type of incident from occurring again the inspection procedure was changed from an frequency of weekly to daily.

21. PROPERTY DAMAGED:

Lost 80 bbls of SBM.

NATURE OF DAMAGE:

Lost overboard.

ESTIMATED AMOUNT (TOTAL): \$22,400

22. RECOMMENDATIONS TO PREVENT RECURRENCE NARRATIVE:

The Lake Jackson District has no recommendations for the Regional Office of Safety Management (OSM).

23. POSSIBLE OCS VIOLATIONS RELATED TO ACCIDENT: NO

24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:

N/A

25. DATE OF ONSITE INVESTIGATION:

NO

26. ONSITE TEAM MEMBERS:

Craig Pohler /

29. ACCIDENT INVESTIGATION

PANEL FORMED:

30. DISTRICT SUPERVISOR:

OCS REPORT:

John McCarrol

APPROVED

DATE: **01-APR-2008**

POLLUTION ATTACHMENT

1. VOLUME: GAL 80 BBL
YARDS LONG X YARDS WIDE

APPEARANCE:

2. TYPE OF HYDROCARBON RELEASED: OIL
 DIESEL
 CONDENSATE
 HYDRAULIC
 NATURAL GAS
 OTHER Synthetic based mud (50% Base)

3. SOURCE OF HYDROCARBON RELEASED: **Leaking manifold valves**

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**

