

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

1. OCCURRED

DATE: **15-AUG-2006** TIME: **1745** HOURS

2. OPERATOR: **BP Exploration & Production Inc.**

REPRESENTATIVE: **Teri Halverson**

TELEPHONE: **(281) 221-5225**

CONTRACTOR:

REPRESENTATIVE:

TELEPHONE:

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

4. LEASE: **00133**

AREA: **GI** LATITUDE:

BLOCK: **47** LONGITUDE:

5. PLATFORM: **C**

RIG NAME:

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 **Submerged Platform**

8. CAUSE:

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

9. WATER DEPTH: **88** FT.

10. DISTANCE FROM SHORE: **18** MI.

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

12. CURRENT DIRECTION: **S**
SPEED: **5** M.P.H.

13. SEA STATE: **2** FT.

17. DESCRIBE IN SEQUENCE HOW ACCIDENT HAPPENED:

Platform History:

The Grand Isle 47C platform is located 15 miles offshore and is one of the seven BP operated Shelf platforms downed in federal waters by Hurricane Katrina on August 29, 2005. As part of BP's initial hurricane response, over-flights were conducted as early as September 6, 2005. In addition, an ROV vehicle was mobilized for inspection of all of BP's downed platforms on October 20, 2005. Subsequently, a response vessel and crew was assigned 24/7 to the Grand Isle 40s field which has remained in action since January, 2006. The GI-47C platform was built in 1957 and prior to Katrina was producing 991 BOPD. Prior to Katrina, there were 16 existing wells connected to the platform, of which only eight were producing with the remaining being PA'd.

History of Response:

From October 2005 through May 2006, intermittent releases from GI-47C had totaled 34 barrels. No additional releases were observed from the end of January through May 21, 2006. Beginning May 21, 2006 the frequency and magnitude of the releases have increased: 21 May-8 bbls; 9 June -3 bbls; and 29 Jun-5 bbls. On June 22, 2006, BP met with USCG MSU Morgan City in Morgan City to discuss the ongoing operation. On July 7, 2006, BP assembled a project team to function as a fit for purpose IMT to focus on GI-47C activities and to develop IAPs, which have been forwarded daily to the USCG. Two response vessels were tasked to monitor, contain, and recover all hydrocarbon releases 24/7 specifically from GI-47C. On July 19, 2006 the Ocean Intervention One vessel arrived on site at GI-47C for additional surveying utilizing mesotech, ROV, echoscope, video, sniffers, etc. On 12 and 15 August 2006, over-flights observed hydrocarbon releases of 11.5 and 25.6 bbls respectively. Both of these larger volume spills were successfully recovered & naturally dissipated with no impact to the coastline. The total volume of oil released and reported to MMS is 53.1 bbls.

A much larger, fully staffed and trained Incident Management Team (IMT) was activated as a precautionary measure on August 16, 2006 in response to the increasing frequency and magnitude of hydrocarbon releases. It will be in action until current operational risks are better understood and/or mitigated. This larger IMT is fully integrated with BP's Decommissioning and Downed Platform teams. Staffing for these teams has increased significantly to more than 150 relevant experts including: ICS trained IMT staff, marine well intervention and relief well experts from Wild Well Control Incorporated; decommissioning expertise from Winmar; O'Brien's. MSRC, and TRG spill responders, diving and ROV specialists; well experts visualization experts; and large sub-teams responsible for decommissioning the downed platforms.

BP has reported spills to the National Response Center (NRC), the Minerals Management Service (MMS), and United States Coast Guard (USCG). Given the recent releases, the frequency of communications with both agencies has increased.

Source Control:

Six vessels presently on site see complete list below.

Vessel Assets On Site:

Sea Horse V (Seacor) ID Vessel
Sea Horse VI (Seacor) - ID Vessel
Louisiana Responder (MSRC) - OSRV
Admiral (MSRC)- OSRV
Ocean Intervention I (Oceaneering) - ROV operations
Endeavor (Field Staging)

OI 2 completed ROV work and successfully identified the well and source of the leak-C7.

OI 1 is on location. Operations are scheduled to begin 30 August 2006.

Endeavor is In the Grand Isle area, available for logistics support (primary assignment is at GI-40)

Contingency:

Moana Wave has completed shallow hazard assessment work in support of relief well planning (if needed).

Collection dome construction 90% complete. (See Attached B)

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

Leaking casing valve on Well C-7

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

Platform destroyed by Hurricane Katrina. (Submerged on bottom)

21. PROPERTY DAMAGED: NATURE OF DAMAGE:
53.1 bbls of oil leaked from Well C-007 Platform destroyed by Hurricane Katrina from destroyed platform.

ESTIMATED AMOUNT (TOTAL):

22. RECOMMENDATIONS TO PREVENT RECURRENCE NARRATIVE:

No recommendations to MMS.

The New Orleans District concurs with BP's recommendation to prevent future pollution events from the C-007 Well.

- 1) BP has several Oil Spill Response Vessels 24/7 on location to collect all hydrocarbons released from Well C-007.
- 2) BP is currently constructing a Collection Dome to place over the leaking well.
- 3) BP is currently developing a Relief Well Contingency to drill relief well and conduct kill operations.

23. POSSIBLE OCS VIOLATIONS RELATED TO ACCIDENT: NO

24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:

25. DATE OF ONSITE INVESTIGATION:

15-AUG-2006

26. ONSITE TEAM MEMBERS:

Stephen Lucky /

29. ACCIDENT INVESTIGATION

PANEL FORMED: NO

OCS REPORT:

30. DISTRICT SUPERVISOR:

Troy Trosclair

APPROVED

DATE: 09-NOV-2006

POLLUTION ATTACHMENT

1. VOLUME: GAL 53.1 BBL
YARDS LONG X YARDS WIDE

APPEARANCE:

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

3. SOURCE OF HYDROCARBON RELEASED: **Casing valve on Well C-007**

4. WERE SAMPLES TAKEN? **NO**

5. WAS CLEANUP EQUIPMENT ACTIVATED? **YES**

IF SO, TYPE: SKIMMER
 CONTAINMENT BOOM
 ABSORPTION EQUIPMENT
 DISPERSANTS
 OTHER _____

6. ESTIMATED RECOVERY: GAL 4 BBL

7. RESPONSE TIME: 0 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**