

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

1. OCCURRED

DATE: **30-MAR-2005** TIME: **1400** HOURS

2. OPERATOR: **BP America Production Company**

REPRESENTATIVE: **Linda Onstott**

TELEPHONE: **(281) 366-0219**

3. LEASE: **G07944**

AREA: **MC** LATITUDE:

BLOCK: **429** LONGITUDE:

4. PLATFORM:

RIG NAME

5. ACTIVITY: EXPLORATION(POE)

DEVELOPMENT/PRODUCTION
(DOCD/POD)

6. TYPE: FIRE

EXPLOSION

BLOWOUT

COLLISION

INJURY NO. _____

FATALITY NO. _____

POLLUTION

OTHER _____

7. OPERATION: PRODUCTION

DRILLING

WORKOVER

COMPLETION

MOTOR VESSEL

PIPELINE SEGMENT NO. **13816**

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: **6240** FT.

10. DISTANCE FROM SHORE: **70** MI.

11. WIND DIRECTION:

SPEED: M.P.H.

12. CURRENT DIRECTION:

SPEED: M.P.H.

13. SEA STATE: FT.

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

Linda Onstott

CITY: **Houston**

STATE: **TX**

TELEPHONE: **(281) 366-0219**

CONTRACTOR:

CONTRACTOR REPRESENTATIVE/
SUPERVISOR ON SITE AT TIME OF INCIDENT:

CITY:

STATE:

TELEPHONE:

17. DESCRIBE IN SEQUENCE HOW ACCIDENT HAPPENED:

On Wednesday, March 30, a leak was found in the 1" methanol supply tube which goes to the Na Kika Kepler Well K-1 in Mississippi Canyon Area Block 429. The location of the leak was at the weld in the Na Kika Ariel hydraulic and chemical tubes for both Mississippi Canyon Area Block 429, Well A-4 and Kepler wells (K1 and K2 in MC 383). The Well K-1 was brought on line using a spare umbilical tube, that will be used to deliver methanol to MC 383, Well K-1 in the future. A failure analysis is being planned with the subsea equipment vendor, FMC. A repair of the failed umbilical tube is may not occur since it is not economically feasible.

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

Weld failure, subsea vendor is performing an analysis.

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

20. LIST THE ADDITIONAL INFORMATION:

Because of the location of the leak in the UTA, it would not be economically feasible to repair the leak. The umbilical and subsea system was designed with a spare tube for such an event and has now been placed in service to restore methanol injection capability to the K-1 subsea tree.

21. PROPERTY DAMAGED:

NATURE OF DAMAGE:

**1" tube in eletro-hydraulic umbilical at Crack in the weld of the tube.
the UTA.**

ESTIMATED AMOUNT (TOTAL):

\$75

22. RECOMMENDATIONS TO PREVENT RECURRANCE NARRATIVE:

No recommendations to MMS

23. POSSIBLE OCS VIOLATIONS RELATED TO ACCIDENT: **NO**

24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:

None

25. DATE OF ONSITE INVESTIGATION:

26. ONSITE TEAM MEMBERS:

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

OCS REPORT:

30. DISTRICT SUPERVISOR:

Elizabeth Komiskey

APPROVED

DATE: **22-JUN-2005**

POLLUTION ATTACHMENT

1. VOLUME: GAL **1.43** BBL
 YARDS LONG X YARDS WIDE

APPEARANCE:

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

3. SOURCE OF HYDROCARBON RELEASED: **Failed weld on methanol tubing in umbilical**

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**