

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF OCEAN ENERGY MANAGEMENT, REGULATION AND ENFORCEMENT
GULF OF MEXICO REGION

ACCIDENT INVESTIGATION REPORT

1. OCCURRED

DATE: **14-SEP-2010** TIME: **0500** HOURS

2. OPERATOR:

Hilcorp Energy GOM, LLC
REPRESENTATIVE: **Schumann, Natalie**
TELEPHONE: **(713) 289-2896**
CONTRACTOR:
REPRESENTATIVE:
TELEPHONE:

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

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

6. OPERATION:

4. LEASE:

00827

AREA: **SS** LATITUDE: **28.528612**
BLOCK: **209** LONGITUDE: **-90.871014**

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

5. PLATFORM:

A-AUX

RIG NAME:

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: **95** FT.
- 10. DISTANCE FROM SHORE: **34** MI.
- 11. WIND DIRECTION: **E**
SPEED: **12** M.P.H.
- 12. CURRENT DIRECTION: **E**
SPEED: **3** M.P.H.
- 13. SEA STATE: **2** FT.

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

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

17. INVESTIGATION FINDINGS:

On 14 April 2010 at approximately 0500 hours, an operator noticed a leak coming from the top of the heater treater fire tube. Flow was then shut-in and although a skid pan was placed under the leak to contain the spill, approximately 4.71 barrels of oil traveled down the side of the vessel and overboard. The oil produced a three miles by two miles sheen that was 40 percent brightly colored and 60 percent silvery colored. The spill was contained at approximately 0515 hours. Once the spill was contained, an 8" crack in the fire tube at the 12 O'clock position was observed directly against the sealed weld at the face plate penetration. There were no reported injuries or platform evacuations with this incident.

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

Preliminary review of the incident indicates the oil leaked overboard due to the crack located in the fire tube at the face plate penetration's sealed weld.

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

Preliminary review of the incident indicates fatigue failure due to a hot spot may have contributed to the crack.

20. LIST THE ADDITIONAL INFORMATION:

At this time, the fire tube has been repaired, and the heater treater is back in service. To prevent this incident from reoccurring, Hilcorp placed a containment skid to prevent pollution releases into the Gulf of Mexico. The Houma District agrees that these steps should prevent this incident from reoccurring.

21. PROPERTY DAMAGED:

Heater treater fire tube

NATURE OF DAMAGE:

8" long crack in the fire tube at the 12 O'clock position directly against the face plate penetration's sealed weld.

ESTIMATED AMOUNT (TOTAL): \$10,000

22. RECOMMENDATIONS TO PREVENT RECURRENCE NARRATIVE:

The Houma District office has no further recommendations for the Regional Office of Safety Management.

23. POSSIBLE OCS VIOLATIONS RELATED TO ACCIDENT: NO

24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:

25. DATE OF ONSITE INVESTIGATION:

15-SEP-2010

NO

26. ONSITE TEAM MEMBERS:

Casey Bisso / Julie King /

29. ACCIDENT INVESTIGATION
PANEL FORMED:

30. DISTRICT SUPERVISOR:
OCS REPORT:
Bryan A. Domangue

APPROVED

DATE: 23-DEC-2010

POLLUTION ATTACHMENT

1. VOLUME: GAL 4.71 BBL

5280 YARDS LONG X 3520 YARDS WIDE

APPEARANCE: SILVERY SHEEN

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

3. SOURCE OF HYDROCARBON RELEASED: Heater treater

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

