

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

1. OCCURRED

DATE: **28-AUG-2007** TIME: **1430** HOURS

2. OPERATOR: **Eni US Operating Co. Inc.**

REPRESENTATIVE: **Sachitana, Susan**

TELEPHONE: **(504) 593-7260**

CONTRACTOR: **Rowan Drilling**

REPRESENTATIVE: **Tom Caldwell**

TELEPHONE: **(832) 462-7581**

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

4. LEASE: **G27858**

AREA: **VR** LATITUDE: **28.90790889**  
 BLOCK: **167** LONGITUDE: **-92.38736556**

5. PLATFORM:

RIG NAME: **ROWAN JUNEAU**

6. ACTIVITY:

EXPLORATION(POE)  
 DEVELOPMENT/PRODUCTION  
 (DOC/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: **92** FT.

10. DISTANCE FROM SHORE: **41** MI.

11. WIND DIRECTION: **NE**  
 SPEED: **2** M.P.H.

12. CURRENT DIRECTION: **ESE**  
 SPEED: **0** M.P.H.

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

17. DESCRIBE IN SEQUENCE HOW ACCIDENT HAPPENED:

A two inch fill up-line going from the rig mud pit area to the trip tank developed a small hole, on 28/August/2007. A contractor rep. observed light rainbow sheen at stern of rig, it was determined that the sheen was caused by a leak from corrosion of a two inch transport line for drilling fluids from the mud pits to the trip tank. The two inch line went through the rig pre-load tank en-route to the trip tank. The leak occurred in the pre-load tank where the diesel based mud migrated through the pre-load tank dump valve overboard into the OCS Waters. Pre-load valve was partially open at the time. When the pollution was discovered the valve was closed completely containing the leak. The well bore fluid being transferred to the trip tank was 9.9 Versadrill, with a 64% diesel base. Calculation estimates indicate that approx. 2.0 bbls of the diesel based fluid entered the gulf. The sheen was approx. 20ft wide by 100ft. long.

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

- \* Corroded two inch fill-up line, routed through rig pre-load tank developed a leak and allowed the transferred fluid to migrate from the pre-load tank and out the open ended valve on the pre-load tank.
- \* Lack of diligence with regards to checking all equipment for pollution prevention measures before starting the transfer of diesel based fluids.

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

- \* Lack of preventive maintenance (Corrosion)
- \* Pre-load tank dump valve partially open

20. LIST THE ADDITIONAL INFORMATION:

Line terminated and re-routed, Drilling fluid removed from pre-load tank.  
The amount of diesel based mud that entered the gulf waters was estimated at 2.0 bbls.

21. PROPERTY DAMAGED:

**None**

NATURE OF DAMAGE:

**Pollution of OCS waters.**

ESTIMATED AMOUNT (TOTAL):

22. RECOMMENDATIONS TO PREVENT RECURRENCE NARRATIVE:

**None**

23. POSSIBLE OCS VIOLATIONS RELATED TO ACCIDENT: **YES**

24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:

**E-100 Is lessee preventing pollution of offshore waters? CFR 250.300 (a)**

25. DATE OF ONSITE INVESTIGATION:

**30-AUG-2007**

26. ONSITE TEAM MEMBERS:

**Bill Olive /**

29. ACCIDENT INVESTIGATION

PANEL FORMED: **NO**

OCS REPORT:

30. DISTRICT SUPERVISOR:

**Larry Williamson**

APPROVED

DATE: **10-DEC-2007**

# POLLUTION ATTACHMENT

1. VOLUME: GAL 1.28 BBL  
YARDS LONG X YARDS WIDE

APPEARANCE: SILVERY SHEEN

2. TYPE OF HYDROCARBON RELEASED:  OIL  
 DIESEL  
 CONDENSATE  
 HYDRAULIC  
 NATURAL GAS  
 OTHER oil based mud

3. SOURCE OF HYDROCARBON RELEASED: Open valve on the pre-load tank.

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