

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

1. OCCURRED

DATE: **29-NOV-2007** TIME: **1410** HOURS

2. OPERATOR: **Royal Production Company, Inc.**

REPRESENTATIVE: **Grossman, Julie**

TELEPHONE: **(281) 578-3388**

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 **Equipment Failure**

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

6. OPERATION:

4. LEASE: **G07846**

AREA: **MO** LATITUDE:

BLOCK: **914** LONGITUDE:

- PRODUCTION
- DRILLING
- WORKOVER
- COMPLETION
- HELICOPTER
- MOTOR VESSEL
- PIPELINE SEGMENT NO. **17196**
- OTHER

5. PLATFORM:

RIG NAME:

6. ACTIVITY:

- EXPLORATION(POE)
- DEVELOPMENT/PRODUCTION
(DOCD/POD)

8. CAUSE:

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

7. TYPE:

- HISTORIC INJURY
 - REQUIRED EVACUATION
 - LTA (1-3 days)
 - LTA (>3 days) 1
 - 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

- 9. WATER DEPTH: _____ FT.
- 10. DISTANCE FROM SHORE: _____ MI.
- 11. WIND DIRECTION: _____
SPEED: _____ M.P.H.
- 12. CURRENT DIRECTION: _____
SPEED: _____ M.P.H.
- 13. SEA STATE: _____ FT.

17. DESCRIBE IN SEQUENCE HOW ACCIDENT HAPPENED:

On November 29, 2007 at approximately 14:10, at Royal Production Company Inc.'s Lease OCS-G 07849, Mobile (MO) Block 914, an employee received 2nd degree burns, from hot water, on his arm, chest, abdomen and legs. The Injured Person (IP) was conducting repairs on a pump by the output pipe, when the expansion boot blew out causing hot water to engulf him. Pipeline Segment No. 17196. IP had 7 days of lost time and 36 days of modified duty. On January 11, 2008 IP was cleared to return to work without restrictions.

Sequence of Events:

The injured party was tightening packing where the shaft goes through the pump by the output pipe when the expansion boot blew out causing severe hot liquid (water) to engulf the injured on arms, chest, abdomen and legs. The injured party then went back to the mechanic shop and sent a diver to retrieve the medic. Medic assessed burns to be 2nd degree burns. Injured is being put on the M/V Lafayette to be transported to Theodore, AL Martin Midstream Dock to be taken to the hospital.

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

Pressure on the pump when performing repairs.

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

Faulty expansion boot.

20. LIST THE ADDITIONAL INFORMATION:

21. PROPERTY DAMAGED:

None

NATURE OF DAMAGE:

None

ESTIMATED AMOUNT (TOTAL):

\$

22. RECOMMENDATIONS TO PREVENT RECURRENCE NARRATIVE:

The New Orleans District makes no recommendations to MMS.

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

24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:

25. DATE OF ONSITE INVESTIGATION:

26. ONSITE TEAM MEMBERS:

No Onsite Investigation /

29. ACCIDENT INVESTIGATION

PANEL FORMED: **NO**

OCS REPORT:

30. DISTRICT SUPERVISOR:

Troy Trosclair

APPROVED

DATE: **18-JAN-2007**