

UNITED STATES DEPARTMENT OF THE INTERIOR -  
BUREAU OF SAFETY AND ENVIRONMENTAL ENFORCEMENT -  
GULF OF MEXICO REGION -

ACCIDENT INVESTIGATION REPORT

For Public Release

1. OCCURRED

DATE: 30-DEC-2014 TIME: 2030 HOURS

2. OPERATOR:

Castex Offshore, Inc.

REPRESENTATIVE:

TELEPHONE:

CONTRACTOR: Hercules Offshore, Inc. -

REPRESENTATIVE:

TELEPHONE:

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

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

6. OPERATION:

4. LEASE:

G33409

AREA: HI LATITUDE:

BLOCK: 131 LONGITUDE: -

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

5. PLATFORM:

RIG NAME: HERCULES 264

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 2 -
- LTA (1-3 days) 1
- 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

- 9. WATER DEPTH: 53 FT.
- 10. DISTANCE FROM SHORE: 25 MI.
- 11. WIND DIRECTION: N -  
SPEED: 20 M.P.H.
- 12. CURRENT DIRECTION: N  
SPEED: 12 M.P.H.
- 13. SEA STATE: 7 FT.

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

Rig crew was laying down 3.5 inch drill pipe when one of the 4 point shackle's nut came off due to improper size of cotter pin causing a joint of pipe to fall in the v-door striking two rig personnel. Floor Man was struck on the left shoulder and a Roustabout was struck on the left arm. Both personnel were attended by the onsite Medic, and then transported ashore by boat for further evaluation and treatment.

Operator/Contractor failed to properly rig up the single joint elevators which caused an occurrence of a joint of drill pipe and the single joint elevators to fall from v-door to the catwalk striking two rig personnel.

Operator/Contractor failed to utilize the proper sized cotter pin while rigging up the single joint elevators.

Operator/Contractor failed to develop or utilize a checklist for rigging up the single joint elevators to ensure the proper sized shackle(s), cotter pin(s), and slings were utilized prior to the job task.

Operator/Contractor failed to ensure all rigging was inspected by the Driller or Tool Pusher prior to beginning the job task.

Prior to the job task, the Job Safety Analysis (JSA) developed by the drill crew failed to incorporate the crane crew personnel in the JSA for laying down drill pipe.

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

Failure to properly rig up the single joint elevators which caused an occurrence of a joint of drill pipe and the single joint elevators to fall from v-door to the catwalk striking two rig personnel.

Failure to utilize the proper size cotter pin while rigging up the single joint elevators.

Failure to develop or utilize a checklist for rigging up the single joint elevators to ensure the proper size shackle(s), cotter pin(s), and slings were utilized prior to the job task.

Failure to ensure all rigging was inspected by the Driller or Tool Pusher prior to beginning the job task.

Prior to the job task, the Job Safety Analysis (JSA) developed by the drill crew failed to incorporate the crane crew personnel in the JSA for laying down drill pipe.

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

Failure of the Driller or Tool Pusher to inspect the rigging prior to the job task beginning.

## 20. LIST THE ADDITIONAL INFORMATION:

Roustabout- Hercules Offshore Injury to left arm, had 2 years experience -  
Floor Man - Hercules Offshore Injury to left side of head and broken left shoulder, ruptured spleen, had 4 years experience. -

21. PROPERTY DAMAGED:

None

NATURE OF DAMAGE:

None

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ESTIMATED AMOUNT (TOTAL):

\$

22. RECOMMENDATIONS TO PREVENT RECURRANCE NARRATIVE:

**No recommendations at this time.**

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

24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:

G-110 (S) 250.107 (a) At the time of the investigation, lessee failed to properly rig up the single joint elevators which caused an occurrence of a joint of drill pipe and the single joint elevators to fall from the v-door to the catwalk striking two rig personnel.

Failed to utilize the proper sized cotter pin while rigging up the single joint elevators.

Failed to develop or utilize a checklist for rigging up the single joint elevators to ensure the proper sized shackle(s), cotter pin(s), and slings were utilized prior to the job task.

25. DATE OF ONSITE INVESTIGATION:

**06-JAN-2015**

26. ONSITE TEAM MEMBERS:

**John Orsini / David Kearns / Daniel  
Gonzalez / James Holmes /**

29. ACCIDENT INVESTIGATION

PANEL FORMED: **NO**

OCS REPORT:

30. DISTRICT SUPERVISOR:

**John McCarroll**

APPROVED

DATE:

**12-FEB-2015**