

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: **27-MAY-2015** TIME: **0530** HOURS

2. OPERATOR:

**Arena Offshore, LP**

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: **G02705**

AREA: **HI** LATITUDE:

BLOCK: **A 547** LONGITUDE: -

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

5. PLATFORM: - **C**

RIG NAME: **HERCULES 300**

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 1 -
- 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: **253** FT.
- 10. DISTANCE FROM SHORE: **101** MI.
- 11. WIND DIRECTION: **SE** -  
SPEED: **23** M.P.H.
- 12. CURRENT DIRECTION: **SE**  
SPEED: **5** M.P.H.
- 13. SEA STATE: **7** FT.

The drill crew was laying down 5 inch drill pipe utilizing an air hoist and single joint elevators. The Injured Person (IP) had latched and pinned the single joint elevators to a joint of pipe in the mouse hole. As the joint of pipe cleared the mouse hole the IP pushed it out the v-door. The top part of the drill pipe and the single joint elevators struck an "A"-frame bumper at the top of the v-door. Immediately the elevators became unlatched and the joint of pipe fell approximately 25 to 30 feet striking the Floor Man on the left frontal portion of his hardhat. This occurrence knocked the Floor Man to the rig floor where he laid unconscious for a few seconds. Other drill crew personnel rendered assistance to the IP until Medical help arrived on the rig floor. IP was evacuated by helicopter to University of Texas Medical Branch (UTMB) Hospital in Galveston, Texas, for further evaluation and treatment.

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

The safety pin of the single joint elevators came out from it's normal position and did not prevent the latch from coming open when the elevators impacted the "A"-frame bumper.

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

Single joint elevators were not maintained as per manufacturer's specifications at the time of the incident. A long piece of wire was being utilized to hold the pin to the body of the single joint elevators instead of the original piece of chain.

20. LIST THE ADDITIONAL INFORMATION:

None

21. PROPERTY DAMAGED:

None

NATURE OF DAMAGE:

None

ESTIMATED AMOUNT (TOTAL): \$

22. RECOMMENDATIONS TO PREVENT RECURRANCE NARRATIVE:

The Lake Jackson District Office does not have any recommendations to the regional office at this time.

23. POSSIBLE OCS VIOLATIONS RELATED TO ACCIDENT: YES

24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:

Lessee failed to maintain equipment as per manufacturer's specifications. Original Equipment Manufacturers (OEM) show a small length of chain attached from the body

of the single joint elevators to the pin.

Job Safety Analysis (JSA) failed to identify or mitigate the potential hazard of the pin coming out of the elevators.

JSA failed to identify the hazard of the elevators striking the "A"-frame bumper or ways to mitigate the drill pipe from striking the "A"-frame bumper. -

25. DATE OF ONSITE INVESTIGATION:

**27-MAY-2015**

26. ONSITE TEAM MEMBERS:

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

29. ACCIDENT INVESTIGATION

PANEL FORMED: **NO**

OCS REPORT:

30. DISTRICT SUPERVISOR:

**John McCarroll**

APPROVED

DATE: **18-AUG-2015**