

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

## ACCIDENT INVESTIGATION REPORT

1. OCCURRED

DATE: **13-JUL-2008** TIME: **2250** HOURS

2. OPERATOR:

**Arena Offshore, LLC**

REPRESENTATIVE: **Ackal, Kalil**

TELEPHONE: **(281) 210-3113**

CONTRACTOR: **HERCULES OFFSHORE DRILLING**

REPRESENTATIVE: **Krapf, Gary**

TELEPHONE: **(318) 649-0069**

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

4. LEASE:

**G02601**

AREA: **EI** LATITUDE:

BLOCK: **57** LONGITUDE:

5. PLATFORM:

RIG NAME: **HERCULES 150**

6. ACTIVITY:

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

7. TYPE:

- HISTORIC INJURY
- |                                     |                     |   |
|-------------------------------------|---------------------|---|
| <input checked="" type="checkbox"/> | REQUIRED EVACUATION | 1 |
| <input type="checkbox"/>            | LTA (1-3 days)      |   |
| <input type="checkbox"/>            | LTA (>3 days)       |   |
| <input type="checkbox"/>            | RW/JT (1-3 days)    |   |
| <input checked="" type="checkbox"/> | RW/JT (>3 days)     | 1 |
| <input type="checkbox"/>            | 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 **Connection made-up hand tight**

6. OPERATION:

- PRODUCTION  
 DRILLING  
 WORKOVER  
 COMPLETION  
 HELICOPTER  
 MOTOR VESSEL  
 PIPELINE SEGMENT NO.  
 OTHER **Demobilizing Rig off location, Pads stuck in sand**

8. CAUSE:

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

9. WATER DEPTH: **10** FT.

10. DISTANCE FROM SHORE: **6** MI.

11. WIND DIRECTION: **WSW**  
 SPEED: **15** M.P.H.

12. CURRENT DIRECTION: **WSW**  
 SPEED: **1** M.P.H.

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

17. INVESTIGATION FINDINGS:

On 13 July 2008 at approximately 2250 hours, a work crew employed by Hercules Offshore was attempting to jet/wash the top side of a spud can on the port side of the rig where the leg became stuck in thick and heavy mud while jacking down. The work crew was using heavy weight drill pipe connected to a high pressure hose that was suspended from the crane of the rig. The work crew involved in the incident was installing a 3rd joint of heavy weight drill pipe to the suspended stand of pipe, when the chicksan swivel and 2" high pressure hose fell 30 feet to the deck striking a Hercules Offshore employee. The employee sustained injuries to his left shoulder.

It was determined that the stand of pipe was connected only hand tight to the chicksan swivel and high pressure hose, and the work crew, not accounting for the weight of the pipe while suspended above the deck, allowed the chicksan to back out of its connection. Instead of tightening the 3rd section of drill pipe to the suspended stand, they did the opposite by tightening the stand of drill pipe to the 3rd section of drill pipe. This allowed the stand of drill pipe to back out the chicksan swivel due to the weight of the pipe being suspended from the crane.

The Hercules Offshore HSE company policy manual specifies that a Job Safety Analysis (JSA) should be completed. Although the JSA was filled out, the process was not used to assure that hazards were identified and mitigating steps were discussed and/or put into place for all of the listed steps. The rig crew and personnel also deviated from plans discussed prior to conducting the operation.

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

Due to the hand tight/loose chicksan connection, the suspended drill pipe was able to back out of its connection and fall on the drilling employee during the jetting/washing operation.

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

The Hercules Offshore personnel failed to follow guidelines within their HSE company policy manual in regards to conducting a Job Safety Analysis (JSA).

20. LIST THE ADDITIONAL INFORMATION:

21. PROPERTY DAMAGED:

**N/A**

NATURE OF DAMAGE:

**N/A**

ESTIMATED AMOUNT (TOTAL):

**\$**

22. RECOMMENDATIONS TO PREVENT RECURRENCE NARRATIVE:

**The Lafayette District Office makes no recommendations to the Regional Office of Safety Management (OSM).**

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

24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:

**An "After-the-Fact" G-110 Incident of Noncompliance was issued on 11 September 2008 to document Arena Offshore LLC's failure to properly supervise and provide for the safety and health of a drilling contractor employee as the result of a chucksan connection and high pressure hose falling thirty feet (30') before striking and injuring the drilling employee on 13 July 2008.**

25. DATE OF ONSITE INVESTIGATION:

**15-JUL-2008**

26. ONSITE TEAM MEMBERS:

**Jason A. Abshire / Tom Basey /**

29. ACCIDENT INVESTIGATION

PANEL FORMED: **NO**

OCS REPORT:

30. DISTRICT SUPERVISOR:

**Elliott S. Smith**

APPROVED

DATE: **18-SEP-2008**

# INJURY/FATALITY/WITNESS ATTACHMENT

OPERATOR REPRESENTATIVE

INJURY

CONTRACTOR REPRESENTATIVE

FATALITY

OTHER Crane Operator

WITNESS

NAME:

HOME ADDRESS:

CITY:

STATE:

WORK PHONE:

TOTAL OFFSHORE EXPERIENCE:

YEARS

EMPLOYED BY:

BUSINESS ADDRESS:

CITY:

STATE:

ZIP CODE:

OPERATOR REPRESENTATIVE

INJURY

CONTRACTOR REPRESENTATIVE

FATALITY

OTHER Rig Employee

WITNESS

NAME:

HOME ADDRESS:

CITY:

STATE:

WORK PHONE:

TOTAL OFFSHORE EXPERIENCE:

YEARS

EMPLOYED BY:

BUSINESS ADDRESS:

CITY:

STATE:

ZIP CODE:

# INJURY/FATALITY/WITNESS ATTACHMENT

OPERATOR REPRESENTATIVE

INJURY

CONTRACTOR REPRESENTATIVE

FATALITY

OTHER Rig Employee

WITNESS

NAME:

HOME ADDRESS:

CITY:

STATE:

WORK PHONE:

TOTAL OFFSHORE EXPERIENCE: YEARS

EMPLOYED BY:

BUSINESS ADDRESS:

CITY:

STATE:

ZIP CODE:

