

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: 18-JAN-2016 TIME: 2135 HOURS

2. OPERATOR: Arena Offshore, LP

REPRESENTATIVE:

TELEPHONE:

CONTRACTOR:

REPRESENTATIVE:

TELEPHONE:

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

4. LEASE: G02111

AREA: EI LATITUDE:

BLOCK: 314 LONGITUDE:

5. PLATFORM:

RIG NAME: H&P 105

6. ACTIVITY:  EXPLORATION (POE)  
 DEVELOPMENT/PRODUCTION  
(DOCD/POD)

7. TYPE:

HISTORIC INJURY

REQUIRED EVACUATION 1

LTA (1-3 days)

LTA (>3 days)

RW/JT (1-3 days)

RW/JT (>3 days) 1

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 Air Hoist  
 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: 230 FT.

10. DISTANCE FROM SHORE: 88 MI.

11. WIND DIRECTION: ENE  
SPEED: 10 M.P.H.

12. CURRENT DIRECTION: W  
SPEED: 1 M.P.H.

13. SEA STATE: 3 FT.

At approximately 21:30 hour on 18 January 2016, a Floorman sustained a finger injury while working on the Helmerich & Payne (H&P) 105 platform rig during well operations for Arena Offshore, LP on Well C010 located at Eugene Island (EI) Block 314.

The injury occurred when the Floorman was assisting with the laying down of a pump in joint assembly with an air hoist in order to run four more stands of drill pipe into the wellbore. The drill crew decided to remove the pump in joint assembly and lay it down between the air hoist and a rack back area. As the pump in joint assembly was being laid down, it suddenly shifted trapping the Floorman's left thumb between the pump in joint assembly and a fixed reverse out line valve. Due to the severity of the finger injury, the injured Floorman was evacuated from the rig and treated at the Terrebonne General Medical Center located in Houma, Louisiana (LA).

On 19 January 2016, the injured Floorman visited a hand specialist doctor in Metairie, LA and revealed to have sustained a positive fracture and laceration of the left thumb. The injured Floorman did not return to the rig, but was allowed to return back to unrestricted work duty at a H&P yard on 19 January 2016 pending a follow-up visit to the doctor. On 22 January 2016, the injured Floorman had a pin inserted into the tip of his left thumb to keep the bone stationary as the injury heals. On 17 February 2016, the injured Floorman had the pin removed from his left thumb and was eventually released from the hand doctor's care on 16 March 2016.

The H&P Investigation Report stated that the probable cause of the finger injury was attributed to improper hand placement during the laying down of the pump in joint assembly.

According to the H&P Incident Investigation Report, the possible contributing causes were attributed to: 1) laying down the pump in joint assembly in a congested area that created numerous crush points and 2) the air hoist cable was routed incorrectly around the drill pipes that created stored energy.

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

The H&P Investigation Report stated that the probable cause of the finger injury was attributed to improper hand placement during the laying down of the pump in joint assembly.

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

According to the H&P Incident Investigation Report, the possible contributing causes were attributed to: 1) laying down the pump in joint assembly in a congested area that created numerous crush points and 2) the air hoist cable was routed incorrectly around the drill pipes that created stored energy.

20. LIST THE ADDITIONAL INFORMATION:

21. PROPERTY DAMAGED:	NATURE OF DAMAGE:
No property was damaged during this incident.	Not Applicable.

ESTIMATED AMOUNT (TOTAL):

22. RECOMMENDATIONS TO PREVENT RECURRENCE NARRATIVE:

The BSEE Lafayette District makes no recommendations to the Office of Incident Investigation.

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

24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:

A G-110 (W) Incident of Noncompliance (INC) was issued "After the Fact" to document Arena's failure to oversee that operations were performed in a safe and workmanlike manner on the H&P 105 platform rig. On 18 January 2016, an H&P Floorman sustained a finger injury while laying down a pump in joint assembly with an air hoist in a congested area on the rig floor. As the pump in joint assembly was lowered down, the air hoist line shifted crushing the Floorman's left thumb between the pump in joint assembly and a reverse out line valve. The severity of the left thumb injury required evacuation from the rig and treatment at an onshore medical facility.

25. DATE OF ONSITE INVESTIGATION:

**30-JAN-2016**

26. ONSITE TEAM MEMBERS:

**/ Troy Naquin /**

29. ACCIDENT INVESTIGATION

PANEL FORMED: **NO**

OCS REPORT:

30. DISTRICT SUPERVISOR:

**Elliott S. Smith**

APPROVED

DATE: **15-JAN-2016**