

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: 11-SEP-2017 TIME: 1138 HOURS

2. OPERATOR: Energy Resource Technology GOM, Li
REPRESENTATIVE:
TELEPHONE:
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

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

6. OPERATION:

4. LEASE: G02280
AREA: SM LATITUDE:
BLOCK: 130 LONGITUDE:

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

5. PLATFORM: A
RIG NAME:

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

8. CAUSE:

7. TYPE:
 HISTORIC INJURY
 REQUIRED EVACUATION 1
 LTA (1-3 days)
 LTA (>3 days)
 RW/JT (1-3 days)
 RW/JT (>3 days)
 Other Injury

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

- FATALITY
- POLLUTION
- FIRE
- EXPLOSION

9. WATER DEPTH: 215 FT.

LWC HISTORIC BLOWOUT
 UNDERGROUND
 SURFACE
 DEVERTER
 SURFACE EQUIPMENT FAILURE OR PROCEDURES

10. DISTANCE FROM SHORE: 78 MI.

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

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

COLLISION HISTORIC >\$25K <=\$25K 13. SEA STATE: FT.

17. INVESTIGATION FINDINGS:

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On September 11, 2017 at approximately 1138 hours, an employee severed a fingertip while attempting to relocate a compressor head without the use of an overhead hoist. The Injured Employee (IE) was administered first aid then evacuated via helicopter to a medical facility. BSEE was notified of the incident on the same day (September 11, 2017).

On September 11, 2017, the (IE) was assisting the compressor mechanic in changing the heads on the compressor. The compressor heads were removed utilizing the overhead hoist and placed on the floor of the compressor building. Additional room was needed to place the remaining compressor heads in the compressor building. In an attempt to make space, the IE tilted a compressor head on its side using a piece of 1" pipe connected to the top of the compressor head and walked it to a different location. When the IE attempted to lower the compressor head, the weight of the compressor head pulled him off balance causing the IE to grip the 1" pipe. As the compressor head fell, the IE's left index finger was caught between the 1" pipe and a compressor head located on the floor.

As the IE removed his impact resistant gloves, he discovered the tip of his left index finger had been severed. The IE was transported to a medical facility for treatment. Prior to the work being performed, a Job Safety Analysis (JSA) was completed which included the task steps, potential hazards and the hazard controls that were specific to the task being performed. If the IE would have followed the task steps and hazard controls as documented on the JSA by utilizing the overhead chain hoist to relocate the compressor heads the incident would have been avoided.

On September 12, 2017, The BSEE Lafayette District conducted an onsite investigation.

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

The probable cause of the accident is not using the proper tools for the task. The IE did not follow the task steps and hazard controls as documented on the JSA by utilizing the overhead chain hoist to relocate the compressor heads.

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

20. LIST THE ADDITIONAL INFORMATION:

21. PROPERTY DAMAGED:

none

NATURE OF DAMAGE:

NA

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ESTIMATED AMOUNT (TOTAL):

\$

22. RECOMMENDATIONS TO PREVENT RECURRENCE NARRATIVE:

The BSEE Lafayette District office makes no recommendations to the Regional Office of Incident Investigations (OII).

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

24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:

G110 (W) Does the Lessee perform all operations in a safe and workmanlike manner and provide for the preservation and conservation of property and the environment? The Lessee failed to protect an employee during a compressor repair by failing to adhere to the procedures on the Job Safety Analysis resulting in severe injuries to an employee.

As per the Task Steps located on the Job Safety Analysis form, the injured employee should have utilized the overhead chain hoist to relocate the compressor heads which could have alleviated the possibility of coming in contact with sharp edges or a pinch point.

25. DATE OF ONSITE INVESTIGATION:

12-SEP-2017

28.

29. ACCIDENT INVESTIGATION
PANEL FORMED: **NO**

26. ONSITE TEAM MEMBERS:

**/ Toby Ware / John Mouton / Wade
Guillotte /**

OCS REPORT:

30. DISTRICT SUPERVISOR:

Elliott Smith

APPROVED

DATE:

17-OCT-2017