

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: **06-OCT-2014** TIME: **2045** HOURS

2. OPERATOR:

Apache Corporation

REPRESENTATIVE:

TELEPHONE:

CONTRACTOR: **Tetra Technologies, 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: **G03068**

AREA: **MU** LATITUDE:

BLOCK: **A 111** LONGITUDE: -

- PRODUCTION
- DRILLING
- WORKOVER
- COMPLETION
- HELICOPTER
- MOTOR VESSEL
- PIPELINE SEGMENT NO.
- OTHER **Plug and Abandon**

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) 1 -
- 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

- LWC - HISTORIC BLOWOUT
- UNDERGROUND
 - SURFACE
 - DEVERTER
 - SURFACE EQUIPMENT FAILURE OR PROCEDURES

9. WATER DEPTH: **304** FT.
10. DISTANCE FROM SHORE: **46** MI.
11. WIND DIRECTION: **SSE** -
SPEED: **6** M.P.H.
12. CURRENT DIRECTION: **SSE**
SPEED: **3** M.P.H.
13. SEA STATE: **3** FT.

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

While trying to get the spear into the 7 inch casing, the Toolhand from Eaton was shaking the 3.5 inch workstring in a circular motion. The Injured Person(IP) stepped up and placed his hands on the pipe to assist the Toolhand. The power tongs were positioned 6 to 10 inches away from the pipe and as the pipe was being moved in a circular motion the pipe contacted the tongs where the IP's left hand was placed causing the tip of his middle finger to be caught between the pipe and the tongs.

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

The hydraulic power tongs was positioned about 6-10 inches away from the drill pipe. Though its position was not considered to be an at-risk condition while the Eaton worker performed his work alone, it did become so when two-workers attempt to move the pipe in tandem with it in such close proximity. Both workers failed to recognize and adequately assess the risk associated with this specific piece of equipment in such close proximity to the type of physical task being performed.

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

1. The IP volunteered to assist in moving the 3.5 inch pipe.
2. The JSA did not encompass two persons working in tandem to rotate the pipe.

20. LIST THE ADDITIONAL INFORMATION:

None at this time.

21. PROPERTY DAMAGED:

NONE

NATURE OF DAMAGE:

NONE

ESTIMATED AMOUNT (TOTAL):

\$

22. RECOMMENDATIONS TO PREVENT RECURRANCE NARRATIVE:

The Lake Jackson District does not have any recommendations to the regional office related to this incident.

23. POSSIBLE OCS VIOLATIONS RELATED TO ACCIDENT: YES

24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:

G-110 (S) 30 CFR 250.107(a) -

At the time of the investigation, it was discovered the lessee failed to perform all operations in a safe and workmanlike manner and provide for the preservation and conservation of property and the environment in the following ways:-

During the incident investigation, it was discovered the Job Safety Analysis (JSA) submitted to BSEE Inspectors failed to identify, specify, and mitigate all hazards associated with the job task steps documented in the JSA.-

Lessee failed to ensure the JSA (submitted to BSEE) was properly written with all task steps, potential hazards, and hazard controls. -

Lessee failed to recognize and mitigate the hazards of other equipment (power tongs) - which was in work area approximately 6 inches from drill pipe while it was being rotated which created a threat of injury to personnel. -

Lessee failed to ensure good communication between all personnel involved in the job task. -

G-114 (S) 30 CFR 250.101 -

Lessee failed to preserve all relevant evidence, or take other actions to assure an orderly BSEE investigation to determine the cause or causes of an injury incident that required evacuation.

25. DATE OF ONSITE INVESTIGATION:

07-OCT-2014

26. ONSITE TEAM MEMBERS:

Danny Gonzalez / James Holmes /

29. ACCIDENT INVESTIGATION

PANEL FORMED: NO

OCS REPORT:

30. DISTRICT SUPERVISOR:

John McCarroll

For Public Release

APPROVED

DATE: 11-DEC-2014