

UNITED STATES DEPARTMENT OF THE INTERIOR
 BUREAU OF OCEAN ENERGY MANAGEMENT, REGULATION AND ENFORCEMENT
 GULF OF MEXICO REGION

ACCIDENT INVESTIGATION REPORT

1. OCCURRED

DATE: **07-AUG-2010** TIME: **1747** HOURS

2. OPERATOR:

Apache Corporation
 REPRESENTATIVE: **Dugas, David**
 TELEPHONE: **(337) 354-8124**
 CONTRACTOR: **Chet Morrison Contractors Inc.**
 REPRESENTATIVE: **Hebert, Freddie**
 TELEPHONE: **(985) 850-2672**

- STRUCTURAL DAMAGE
- CRANE
- OTHER LIFTING DEVICE
- DAMAGED/DISABLED SAFETY SYS.
- INCIDENT >\$25K
- H2S/15MIN./20PPM
- REQUIRED MUSTER
- SHUTDOWN FROM GAS RELEASE
- OTHER **Air tuggers for suspension**

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

6. OPERATION:

4. LEASE: **G10752**

AREA: **EI** LATITUDE:
 BLOCK: **354** LONGITUDE:

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

5. PLATFORM: **D**

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) 1
- 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 **Lack of oversight**

- FATALITY
- POLLUTION
- FIRE
- EXPLOSION

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

9. WATER DEPTH: **280** FT.

10. DISTANCE FROM SHORE: **102** 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:

On 7 August 2010, at approximately 1747 hours, on Apache Corporation's Lease OCS-G 10752, Eugene Island 354 D platform, a Contract Diver (CD) received severe injuries to his left hand due to confusion over the proper operation of an air tugger. During construction operations, the CD was asked to assist with installing a riser section. The CD was instructed to operate two air tuggers located at the +15 level of the platform. The CD did not attend the pre-job safety meeting or review the Job Safety Analysis before construction operations on the riser section. Initially, the CD began operations on the 10k tugger (air tugger #1.), when the dive supervisor instructed the CD to release cable tension on the 4k tugger (air tugger #3.) Air tugger #1 was positioned opposite air tugger #3; therefore its control configuration was the reverse operation. The CD pulled air tugger #3's operating lever in an attempt to release the required tension, but inadvertently tightened the cable. The CD's left hand, which had been placed on the air tugger #3's cable, was then pulled between the tugger cable and the drum of the air tugger as the tension on the cable increased. As a result, the index, middle, and ring finger of the CD's left hand were smashed and partially severed by the tension of the cable. The CD was evacuated via airlift and flown to a hospital where he received treatment.

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

The CD placed his left hand in a pinch point on the cables of air tugger #3, where he inadvertently increased cable tension that resulted in the index, middle and ring finger of his left hand being smashed and partially severed by the tension.

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

*Air tugger #1 was positioned opposite air tugger #3; therefore its control configuration acted in reverse. This contributed to the CD's hazardous operation of air tugger #3 as he had become accustomed to the "opposite configuration" used in air tugger #1.

*Reviewing the safety hazards of the operations could have created better awareness that contributed to the CD'S injury.

*The operator's failure to properly supervise construction operations in a safe manner to protect both equipment and employees.

20. LIST THE ADDITIONAL INFORMATION:

Note: The Crane/Other Material-Handling Equipment Attachment Form was not necessary since the air tuggers were only used to apply tension on piping while installing the risers and not used as lifting devices.

21. PROPERTY DAMAGED:

No property damage

NATURE OF DAMAGE:

N/A

ESTIMATED AMOUNT (TOTAL):

22. RECOMMENDATIONS TO PREVENT RECURRENCE NARRATIVE:

The Lafayette District Office has no recommendations for the Regional Office of Safety Management.

23. POSSIBLE OCS VIOLATIONS RELATED TO ACCIDENT: YES

24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:

INC G-110 is issued "After the Fact" to document that Apache Corporation failed to protect health, safety and the environment by not performing operations in a safe and workmanlike manner as follows: Apache Corporation failed to properly supervise construction operations in a safe manner to protect the equipment and employees, when a diver involved in construction operations partially severed three fingers due to the confusion of properly operating an air tigger.

25. DATE OF ONSITE INVESTIGATION:

10-AUG-2010

26. ONSITE TEAM MEMBERS:

Wade Guillotte / Tom Basey / Chris Adams / Raymond Johnson /

29. ACCIDENT INVESTIGATION

PANEL FORMED: NO

OCS REPORT:

30. DISTRICT SUPERVISOR:

Elliott S. Smith

APPROVED

DATE: 23-SEP-2010

INJURY/FATALITY/WITNESS ATTACHMENT

OPERATOR REPRESENTATIVE

INJURY

CONTRACTOR REPRESENTATIVE

FATALITY

OTHER Tender

WITNESS

NAME:

HOME ADDRESS:

CITY:

STATE:

WORK PHONE:

TOTAL OFFSHORE EXPERIENCE:

YEARS

EMPLOYED BY:

BUSINESS ADDRESS:

CITY:

STATE:

ZIP CODE:

