

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: **05-MAY-2013** TIME: **0001** HOURS

2. OPERATOR: **Chevron U.S.A. Inc.**

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 **Chemical Release**

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

6. OPERATION:

4. LEASE: **00310**

AREA: **SM** LATITUDE:

BLOCK: **217** LONGITUDE:

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

5. PLATFORM: **A-PROD**

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

- FATALITY
- POLLUTION
- FIRE
- EXPLOSION

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

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

9. WATER DEPTH: **13** FT.
10. DISTANCE FROM SHORE: **8** MI.
11. WIND DIRECTION:  
SPEED: M.P.H.
12. CURRENT DIRECTION:  
SPEED: M.P.H.
13. SEA STATE: FT.

17. INVESTIGATION FINDINGS:

On 5 May 2013, at approximately 0001 hours, an employee was injured while disconnecting a crow's foot connection from a water outlet of an oil treater. The injured employee (IE) had just completed manually pumping five gallons of chemical which contains hydrochloric acid into the discharge of the oil treater. Due to scale problems in the discharge piping of the oil treater, a temporary piping connection point for chemical injection had been installed.

As the IE attempted to disconnect the crow's foot to remove the chemical pump assembly, chemical splashed into the IE's face and eyes. The IE immediately rinsed his face and flushed his eyes in a sink located in the gaugers shack. The IE departed the gaugers shack and resumed dismantling the pump assembly.

The IE was transported to a hospital for additional treatment and to an eye specialist at a later date.

Investigation revealed that the IE had failed to utilize goggles or a face shield. As per the lessee's Corrosive Chemical Procedure, chemical goggles and a face shield must be worn if performing activities that make eye and facial exposure to corrosive chemicals more likely (such as opening lines, equipment adjustments, transferring chemicals from bulk containers, etc.).

Additionally, there was no Job Safety Analysis or permit to work prepared with this job task nor was there a Material Safety Data Sheet for the hazardous chemical located on the platform. The IE failed to depressurize the piping prior to disconnecting the crow's foot. The lessee had no standard operating procedure for the temporary pumping of a chemical batch treatment. There was no eye wash stations located near the temporary chemical pumping area.

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

Failure to follow the lessee's Corrosive Chemical Procedure by not wearing chemical goggles and a face shield.

Failure to bleed pressure prior to dismantling the pump assembly.

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

No JSA or permit to work completed associated with the job task. -

No MSDS located on facility for the hazardous chemical being utilized. -

Failure to provide eye wash station near temporary chemical pumping area.

20. LIST THE ADDITIONAL INFORMATION:

21. PROPERTY DAMAGED:

None

NATURE OF DAMAGE:

NA

ESTIMATED AMOUNT (TOTAL):

\$

22. RECOMMENDATIONS TO PREVENT RECURRENCE NARRATIVE:

The BSEE 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:

INC G-110 is issued "After the Fact" to document that Chevron U.S.A. Inc. failed to protect health, safety and the environment by not performing operations in a safe and workmanlike manner as follows: Chevron U.S.A. Inc. failed to perform operations in a safe manner to protect employees due to an employee receiving injuries while attempting to pump chemical into a water outlet on an oil treater. As the employee attempted to disconnect the pump used to inject chemical containing acid to the water outlet, the chemical came in contact with the employees face and eyes. The employee failed to depressurize the piping on the pump prior to disconnecting as well as failure to wear proper personnel protective equipment and follow the lessee's safety policies and procedures that would have prevented this incident from occurring

25. DATE OF ONSITE INVESTIGATION:

06-MAY-2013

26. ONSITE TEAM MEMBERS:

Wade Guillotte / Gerald Gonzales /

29. ACCIDENT INVESTIGATION

PANEL FORMED: NO

OCS REPORT:

30. DISTRICT SUPERVISOR:

Elliott S. Smith

APPROVED  
DATE:

18-JUL-2013

# INJURY/FATALITY/WITNESS ATTACHMENT

OPERATOR REPRESENTATIVE

INJURY

CONTRACTOR REPRESENTATIVE

FATALITY

OTHER \_\_\_\_\_

WITNESS

NAME :

HOME ADDRESS :

CITY :

STATE :

WORK PHONE :

TOTAL OFFSHORE EXPERIENCE :

YEARS

EMPLOYED BY :

BUSINESS ADDRESS :

CITY :

STATE :

ZIP CODE :

