

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: **03-NOV-2013** TIME: **1635** HOURS

2. OPERATOR: **Union Oil Company of California**
REPRESENTATIVE:
TELEPHONE:
CONTRACTOR:
REPRESENTATIVE:
TELEPHONE:

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

4. LEASE: **G02646**
AREA: **EB** LATITUDE:
BLOCK: **159** LONGITUDE:

5. PLATFORM: **A**
RIG NAME:

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

7. TYPE:

HISTORIC INJURY
 REQUIRED EVACUATION
 LTA (1-3 days)
 LTA (>3 days)
 RW/JT (1-3 days)
 RW/JT (>3 days)
 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
 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 **Start up procedure.**

9. WATER DEPTH: **924** FT.

10. DISTANCE FROM SHORE: **85** MI.

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

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

13. SEA STATE: FT.

17. INVESTIGATION FINDINGS:

On November 3, 2013 at 1636 hours, the Lessee was in the process of starting the Glycol Dehydration System and experienced a fire. During the start up process the Lessee experienced a liquid carry-over in the Still Column of water and light hydrocarbons. The liquid carry-over spilled (burped) onto hot surfaces of the Glycol Reboiler BBC-2500 and the Reboiler Fire Tube EAW-2550, then ignited. The fire was extinguished with the platform firewater system at 1638 hours.

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

A flammable liquid mixture of condensate and water carried over from the Still Column onto hot surfaces of the Glycol Dehydration System.

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

The Glycol was contaminated with condensate and water. -
The Reboiler temperature was increased too quickly during start up. -

20. LIST THE ADDITIONAL INFORMATION:

The platform was shut in at the time of the incident. -
The Lessee modified/revised their Glycol Reboiler start up procedure. -

21. PROPERTY DAMAGED:	NATURE OF DAMAGE:
Glycol Reboiler System: Controllers and wiring.	Damaged by Fire.

ESTIMATED AMOUNT (TOTAL): \$1,000

22. RECOMMENDATIONS TO PREVENT RECURRANCE NARRATIVE:

23. POSSIBLE OCS VIOLATIONS RELATED TO ACCIDENT: NO

24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:

25. DATE OF ONSITE INVESTIGATION:

04-NOV-2013

26. ONSITE TEAM MEMBERS: -

29. ACCIDENT INVESTIGATION
PANEL FORMED: NO

OCS REPORT:

Mike Hankamer /

30. DISTRICT SUPERVISOR:

Stephen P. Martinez

APPROVED

DATE: 23-JAN-2014

FIRE/EXPLOSION ATTACHMENT

1. SOURCE OF IGNITION: **Glycol Reboiler. -**

2. TYPE OF FUEL:
- GAS
 - OIL
 - DIESEL
 - CONDENSATE
 - HYDRAULIC
 - OTHER

3. FUEL SOURCE: **Still Column carry over. -**

4. WERE PRECAUTIONS OR ACTIONS TAKEN TO ISOLATE
KNOWN SOURCES OF IGNITION PRIOR TO THE ACCIDENT ? **NO**

5. TYPE OF FIREFIGHTING EQUIPMENT UTILIZED:
- HANDHELD
 - WHEELED UNIT
 - FIXED CHEMICAL
 - FIXED WATER
 - NONE
 - OTHER - **Platform Firewater System/Hose Reel.**