ACCIDENT INVESTIGATION REPORT

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
   □ HISTORIC BLOWOUT
   □ UNDERGROUND
   □ SURFACE
   □ DEVERTER
   □ SURFACE EQUIPMENT FAILURE OR PROCEDURES
   □ COLLISION □ HISTORIC □ >$25K □ <=$25K

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:

| Glycol Reboiler System: Controllers and wiring. | NATURE OF DAMAGE: 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: MMS - FORM 2010 EV2010R-
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.