UNITED STATES DEPARTMENT OF THE INTERIOR
MINERALS MANAGEMENT SERVICE
GULF OF MEXICO REGION
ACCIDENT INVESTIGATION REPORT

1. OCCURRED
   DATE: 19-JAN-2005  TIME: 1800 HOURS

2. OPERATOR: Unocal Exploration Corporation
   REPRESENTATIVE: Lonnie Dugas
   TELEPHONE: (281) 287-7425

3. LEASE: 00827
   AREA: SS LATITUDE: 28.549285
   BLOCK: 209 LONGITUDE: -90.853494

4. PLATFORM: K
   RIG NAME

5. ACTIVITY: EXPLOSION
   DEVELOPMENT/PRODUCTION (DOCD/POD)

6. TYPE: FIRE
   EXPLOSION
   BLOWOUT
   COLLISION
   INJURY NO. 0
   FATALITY NO. 0
   POLLUTION
   OTHER

7. OPERATION: PRODUCTION
   DRILLING
   WORKOVER
   COMPLETION
   MOTOR VESSEL
   PIPELINE SEGMENT NO. 0
   OTHER

8. CAUSE: EQUIPMENT FAILURE
   HUMAN ERROR
   EXTERNAL DAMAGE
   SLIP/TRIP/FALL
   WEATHER RELATED
   LEAK
   UPSET H2O TREATING
   OVERBOARD DRILLING FLUID
   OTHER

9. WATER DEPTH: 140 FT.
10. DISTANCE FROM SHORE: 45 MI.
11. WIND DIRECTION: S
    SPEED: 15 M.P.H.
12. CURRENT DIRECTION: SW
    SPEED: 7 M.P.H.
13. SEA STATE: 5 FT.

16. OPERATOR REPRESENTATIVE/SUPERVISOR ON SITE AT TIME OF INCIDENT:
    Johnathon Hargrave
    CITY: Houston  STATE: TX
    TELEPHONE: (281) 287-6500

                              CONTRACTOR: Unocal Exploration Corporation

CONTRACTOR REPRESENTATIVE/SUPERVISOR ON SITE AT TIME OF INCIDENT:
Bryan Oliver
CITY: Houston  STATE: TX
TELEPHONE: (281) 287-6500
17. DESCRIBE IN SEQUENCE HOW ACCIDENT HAPPENED:

Due to vibration, the 3" nipple broke on the compressor hydraulic fan pump causing hydraulic oil to spill on the hot exhaust of the compressor. Heat from the exhaust caused the hydraulic oil to burn. The fire was extinguished with about one-third of a 150 lb. dry chemical wheel unit.

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

This accident was caused by the 3" nipple cracking.

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

Normal vibration from the compressor and fan pump caused fatigue in the nipple resulting in the nipple cracking.

20. LIST THE ADDITIONAL INFORMATION:
21. PROPERTY DAMAGED:  
NATURE OF DAMAGE:

1" X 3" nipple 
nipple had to be replaced 
blankets on exhaust 
blankets were ruined and shall be replaced

ESTIMATED AMOUNT (TOTAL):  
$1,000

22. RECOMMENDATIONS TO PREVENT RECURRANCE NARRATIVE:  
Due to the specific nature of this incident, the Houma District Office has no recommendation to the Regional Office.

23. POSSIBLE OCS VIOLATIONS RELATED TO ACCIDENT:  
NO

24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:

25. DATE OF ONSITE INVESTIGATION:

26. ONSITE TEAM MEMBERS:  
Amy Gresham /

29. ACCIDENT INVESTIGATION PANEL FORMED:  
NO

OCS REPORT:

30. DISTRICT SUPERVISOR:  
Michael J. Saucier

APPROVED

DATE:  10-FEB-2005
1. SOURCE OF IGNITION: **hot exhaust**

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

3. FUEL SOURCE: **hydraulic oil leaking on the hot exhaust from the compressor**

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

5. TYPE OF FIREFIGHTING EQUIPMENT UTILIZED:
   - [ ] HANDHELD
   - [x] WHEELED UNIT
   - [ ] FIXED CHEMICAL
   - [ ] FIXED WATER
   - [ ] NONE
   - [ ] OTHER