

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: EXPLORATION(POE)
 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. _____
 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:

**1" X 3" nipple
blankets on exhaust**

NATURE OF DAMAGE:

**nipple had to be replaced
blankets were ruined and shall be replaced**

ESTIMATED AMOUNT (TOTAL): **\$1,000**

22. RECOMMENDATIONS TO PREVENT RECURRENCE 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**

FIRE/EXPLOSION ATTACHMENT

1. SOURCE OF IGNITION: **hot exhaust**

2. TYPE OF FUEL: GAS
 OIL
 DIESEL
 CONDENSATE
 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
 WHEELED UNIT
 FIXED CHEMICAL
 FIXED WATER
 NONE
 OTHER