

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

1. OCCURRED

DATE: **22-FEB-2006** TIME: **0825** HOURS

2. OPERATOR: **Marlin Energy Offshore,
L.L.C.**

REPRESENTATIVE: **Lee Lawson**

TELEPHONE: **(337) 769-4064**

3. LEASE: **00263**

AREA: **ST** LATITUDE:

BLOCK: **21** LONGITUDE:

4. PLATFORM: **116**

RIG NAME

5. ACTIVITY: EXPLORATION(POE)

DEVELOPMENT/PRODUCTION
(DOCD/POD)

6. TYPE: FIRE

EXPLOSION

BLOWOUT

COLLISION

INJURY NO. _____

FATALITY NO. _____

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: **40** FT.

10. DISTANCE FROM SHORE: **3** MI.

11. WIND DIRECTION:

SPEED: M.P.H.

12. CURRENT DIRECTION:

SPEED: M.P.H.

13. SEA STATE: FT.

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

Mitch Saam

CITY: **Lafayette**

STATE: **LA**

TELEPHONE: **(863) 833-2890**

CONTRACTOR: **Fluid Crane and Construction**

CONTRACTOR REPRESENTATIVE/
SUPERVISOR ON SITE AT TIME OF INCIDENT:

William Clark

CITY: **Lafayette**

STATE: **LA**

TELEPHONE: **(337) 364-6191**

17. DESCRIBE IN SEQUENCE HOW ACCIDENT HAPPENED:

On February 2, 2006, work was being performed on Platform #116. A pre job safety meeting was held, JSA completed, the Hot-work permit was issued, and a gas detector was used, finding no traces of gas at flanges. The well had been shut in since the storm and the crew began there assigned task. Certain individuals were assigned to break the nuts and remove a 2 inch ball valve for the gas lift line that penetrated the cellar deck. The crew understood that the platform had been shut in since the storm and confirmed that the check valve and block valve behind the 2 inch valve were closed. The bolts had been broken and prior to having removed the valve, the crew was stopped so that they could allow for the welder to cut the damage grating on the production deck. This was above the two inch valve. A fire watch and a man with the gas detector were posted on the cellar deck. As the grating was being cut, escaping gas from the 2 inch valve ignited and was immediately extinguished with no injury or damage.

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

The probable cause of the fire were small gas leaks in the valve and checkvalve upstream of the unbolted flange.

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

21. PROPERTY DAMAGED:

None

NATURE OF DAMAGE:

None

ESTIMATED AMOUNT (TOTAL):

22. RECOMMENDATIONS TO PREVENT RECURRENCE NARRATIVE:

Due to the specific nature of this incident, The Houma District has no recommendations 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:

Brad Hunter /

29. ACCIDENT INVESTIGATION

PANEL FORMED: **NO**

OCS REPORT:

30. DISTRICT SUPERVISOR:

Michael J. Saucier

APPROVED

DATE: **12-APR-2006**

FIRE/EXPLOSION ATTACHMENT

1. SOURCE OF IGNITION: **Cutting Torch**

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

3. FUEL SOURCE: **Hydrocarbon in Line**

4. WERE PRECAUTIONS OR ACTIONS TAKEN TO ISOLATE
KNOWN SOURCES OF IGNITION PRIOR TO THE ACCIDENT ? **YES**

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