

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

1. OCCURRED

DATE: **20-JUL-2005** TIME: **1800** HOURS

2. OPERATOR: **Forest Oil Corporation**

REPRESENTATIVE: **Kim Fawvor**

TELEPHONE: **(337) 265-2650**

3. LEASE: **G02423**

AREA: **HI** LATITUDE: **26.132613**

BLOCK: **A 334** LONGITUDE: **-93.675932**

4. PLATFORM: **B**

RIG NAME

5. ACTIVITY: EXPLORATION(POE)

DEVELOPMENT/PRODUCTION
(DOCD/POD)

6. TYPE: FIRE

EXPLOSION

BLOWOUT

COLLISION

INJURY NO. 1

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: **231** FT.

10. DISTANCE FROM SHORE: **110** 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:

Bobby Reep

CITY: STATE:

TELEPHONE: **(337) 408-6260**

CONTRACTOR:

CONTRACTOR REPRESENTATIVE/
SUPERVISOR ON SITE AT TIME OF INCIDENT:

CITY: STATE:

TELEPHONE:

17. DESCRIBE IN SEQUENCE HOW ACCIDENT HAPPENED:

While trying to find a coolant leak on this gas compressor, the ignition coils were unplugged at the cannon plug and the 3/8 inch tubing that operates the SDV on the fuel gas line was disconnected. The control line that opens and closes the SDV on the compressor fuel was not plugged. Employees were observing on both sides of the compressor looking for the coolant leak, and one man was at the control panel turning the compressor engine over. The right side, or bank, is the one that had the flash fire. A spark from an unknown source ignited the gas; there are two possible sources, one is from the cannon plug, and the other is a spark from the starter when the bendex engages the fly wheel, causing a spark (metal to metal) igniting the gas and burning one employee and igniting the ignition wiring.

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

The empty cannon plug socket could be the ignition source, or it could have been the metal to metal grinding of the starter and the fuel source is the unplugged SDV control line. Even though the cannon plug was removed from the 'Altronic-CPU' and all of the spark plug wires were unplugged, it is possible that a spark was generated and ignited the gas from the fuel line.

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

When gas is used for instrumentation rather than air, all leaks need to be sealed off to prevent incidents such as this.

21. PROPERTY DAMAGED:

Burnt wiring

NATURE OF DAMAGE:

Burnt wiring

ESTIMATED AMOUNT (TOTAL):

\$200

22. RECOMMENDATIONS TO PREVENT RECURRANCE NARRATIVE:

The Lake Jackson District recommends that a Safety Alert be sent out notifying operators of the potential risks involved with not plugging the control lines where gas is used for instrumentation and control.

23. POSSIBLE OCS VIOLATIONS RELATED TO ACCIDENT: **NO**

24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:

25. DATE OF ONSITE INVESTIGATION:

21-JUL-2005

26. ONSITE TEAM MEMBERS:

James Barnard /

29. ACCIDENT INVESTIGATION

PANEL FORMED: **NO**

OCS REPORT:

30. DISTRICT SUPERVISOR:

Ed. Smith

APPROVED

DATE: **25-OCT-2005**

INJURY/FATALITY/WITNESS ATTACHMENT

<input type="checkbox"/>	OPERATOR REPRESENTATIVE	<input checked="" type="checkbox"/>	INJURY
<input checked="" type="checkbox"/>	CONTRACTOR REPRESENTATIVE	<input type="checkbox"/>	FATALITY
<input type="checkbox"/>	OTHER _____	<input type="checkbox"/>	WITNESS

NAME:

HOME ADDRESS:

CITY:

STATE:

WORK PHONE:

TOTAL OFFSHORE EXPERIENCE:

YEARS

EMPLOYED BY: **Production Management Industries, L.L.C. / 20385**

BUSINESS ADDRESS: **900 South College Road**

CITY: **Harvey**

STATE: **LA**

ZIP CODE: **70059**