

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

1. OCCURRED

DATE: **24-JUN-2005** TIME: **1100** HOURS

2. OPERATOR: **Stone Energy, L.L.C.**

REPRESENTATIVE: **Donald Stoutes**

TELEPHONE: **(337) 735-8399**

3. LEASE: **G03601**

AREA: **WD** LATITUDE:

BLOCK: **62** LONGITUDE:

4. PLATFORM: **A**

RIG NAME

5. ACTIVITY:  EXPLORATION(POE)

DEVELOPMENT/PRODUCTION  
(DOCD/POD)

6. TYPE:  FIRE

EXPLOSION

BLOWOUT

COLLISION

INJURY NO. 1

FATALITY NO. \_\_\_\_\_

POLLUTION

OTHER \_\_\_\_\_

7. OPERATION:  PRODUCTION

DRILLING

WORKOVER

COMPLETION

MOTOR VESSEL

PIPELINE SEGMENT NO. \_\_\_\_\_

OTHER Welding

8. CAUSE:  EQUIPMENT FAILURE

HUMAN ERROR

EXTERNAL DAMAGE

SLIP/TRIP/FALL

WEATHER RELATED

LEAK

UPSET H2O TREATING

OVERBOARD DRILLING FLUID

OTHER \_\_\_\_\_

9. WATER DEPTH: **120** FT.

10. DISTANCE FROM SHORE: **26** MI.

11. WIND DIRECTION: **SW**

SPEED: **5** M.P.H.

12. CURRENT DIRECTION: **NW**

SPEED: **2** M.P.H.

13. SEA STATE: **2** FT.

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

**Eric West**

CITY: **Lafayette** STATE: **LA**

TELEPHONE: **(337) 735-8399**

CONTRACTOR: **Acadian Oil and Gas, LLC**

CONTRACTOR REPRESENTATIVE/  
SUPERVISOR ON SITE AT TIME OF INCIDENT:

**Randy Comeaux**

CITY: **Lafayette** STATE: **LA**

TELEPHONE: **(337) 893-6397**

17. DESCRIBE IN SEQUENCE HOW ACCIDENT HAPPENED:

On June 24th a third party contractors were performing handrail repair on Stone Energy's West Delta 62A facility. During this activity the Oxy/Acetylene torch would not stay lit. A rigger was sent to adjust the amount of oxygen supplied to the torch. When the rigger began to adjust the flow on the regulator it exploded causing injury to the rigger's right hand.

Findings:

The oxygen regulator malfunction was a result of oil/grease contamination to the internal components of the device.

Contamination was due to improper storage and handling of the device.

Further investigation revealed the regulator was a type that is not used by the contractor and date of manufacture was 1958.

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

The internal components of the oxygen regulator were contaminated with an oil base lubricant.

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

The regulator was placed into service without adequate inspection.

The contamination of the regulator was a result of improper storage and handling.

There was a lack of equipment inventory control since it was learned that the regulator was manufactured in 1958 and was of a type not used by the contractor.

21. PROPERTY DAMAGED:

Pressure Regulator

NATURE OF DAMAGE:

Pressure Regulator blew apart.

ESTIMATED AMOUNT (TOTAL):

\$150

22. RECOMMENDATIONS TO PREVENT RECURRENCE NARRATIVE:

The New Orleans District recommends to The Office of Safety Management that a "Safety Alert" be developed to alert industry of the incident and recommends to implement a pro-active maintenance and inventory program that will prevent poorly maintained or unsuitable equipment from being placed into service.

The New Orleans District concurs with Stone Energy's and Acadian's corrective action as stated below:

Acadian contractors will inspect each regulator. Once the regulator has been inspected a unique serial number will be assigned to each regulator for tracking purposes and to ensure it is a company purchased regulator. The serial numbers will also be used to track the regulator in their preventive maintenance plan.

Each regulator shall be inspected prior to being assigned to a work location. Once inspected the regulator will be sealed in a 2 ml thick inspection bag and sealed to prevent possible grease contamination during transport to the job site. The regulator number will be listed on the bag and pre-use inspection list will be included.

The details of the incident have been discussed with all employees on 7-20-2005 at the company's bi-monthly safety meeting and instructions were given on the new process for tracking, maintaining, and inspecting regulators.

Acadian Contractors will re-address this topic, at their bi-annual supervisor's meeting, and review the progress of the preventive maintenance plan.

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:

**Tom Machado /**

29. ACCIDENT INVESTIGATION

PANEL FORMED: **NO**

OCS REPORT:

30. DISTRICT SUPERVISOR:

**Troy Trosclair**

APPROVED

DATE: **23-JUN-2005**

# FIRE/EXPLOSION ATTACHMENT

1. SOURCE OF IGNITION: **Oxygen Regulator**

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

3. FUEL SOURCE: **Lubricant inside the regulator**

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

# INJURY/FATALITY/WITNESS ATTACHMENT

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

NAME:

HOME ADDRESS:

CITY:

STATE:

WORK PHONE:

TOTAL OFFSHORE EXPERIENCE:

YEARS

EMPLOYED BY: **Acadian Oil and Gas, LLC / 02615**

BUSINESS ADDRESS: **Post Office Box 460044**

CITY: **Houston**

STATE: **TX**

ZIP CODE: **77056**