

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

1. OCCURRED

DATE: **23-NOV-2006** TIME: **1950** HOURS

2. OPERATOR:

Shell Oil Company

REPRESENTATIVE: **Wayne Weicks**

TELEPHONE: **(504) 728-7163**

CONTRACTOR:

REPRESENTATIVE: **Lanna Luke (Veolia Env. Se**

TELEPHONE: **(985) 384-6323**

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

4. LEASE:

G04240

AREA: **ST** LATITUDE: **28.161312**

BLOCK: **300** LONGITUDE: **-90.716201**

5. PLATFORM:

A

RIG NAME:

6. ACTIVITY:

EXPLORATION(POE)
 DEVELOPMENT/PRODUCTION
 (DOCD/POD)

7. TYPE:

HISTORIC INJURY
 REQUIRED EVACUATION 0
 LTA (1-3 days)
 LTA (>3 days) 1
 RW/JT (1-3 days)
 RW/JT (>3 days)
 Other Injury

FATALITY
 POLLUTION
 FIRE
 EXPLOSION

LWC HISTORIC BLOWOUT
 UNDERGROUND
 SURFACE
 DEVERTER
 SURFACE EQUIPMENT FAILURE OR PROCEDURES

COLLISION HISTORIC >\$25K <=\$25K

STRUCTURAL DAMAGE
 CRANE
 OTHER LIFTING DEVICE
 DAMAGED/DISABLED SAFETY SYS.
 INCIDENT >\$25K
 H2S/15MIN./20PPM
 REQUIRED MUSTER
 SHUTDOWN FROM GAS RELEASE
 OTHER

6. OPERATION:

PRODUCTION
 DRILLING
 WORKOVER
 COMPLETION
 HELICOPTER
 MOTOR VESSEL
 PIPELINE SEGMENT NO. **15208**
 OTHER **Construction**

8. CAUSE:

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

9. WATER DEPTH: **300 FT.**

10. DISTANCE FROM SHORE: **77 MI.**

11. WIND DIRECTION: **N**
 SPEED: **12 M.P.H.**

12. CURRENT DIRECTION: **NE**
 SPEED: **1 M.P.H.**

13. SEA STATE: **3 FT.**

17. DESCRIBE IN SEQUENCE HOW ACCIDENT HAPPENED:

The diver was working on the Northwest corner of South Timbalier 300, Platform A at a depth of -30 feet. He was in the process of relocating an anode for the installation of pipeline risers for W&T Offshore (pipeline segments 15208 and 15209). When he struck an arc an explosion occurred. An apparent build-up of oxygen occurred in a cavity of the anode. The explosion knocked the diver unconscious. The diver was being watched on live video and was immediately recovered to the surface after the explosion. His helmet was removed and he was placed on a backboard. He was treated by the onboard medic and was found to have facial lacerations, a chipped tooth, and sore ribs. The diver was stabilized and evacuated to Terrebonne General Medical Center at 2200 hours. He was held overnight for observation and released from the hospital at 1050 hours on November 26, 2006. The diver will be out of work for three weeks. He had a follow-up doctor's appointment scheduled for that week and he should be released to full duty.

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

The cause of this incident was an apparent build of oxygen in a cavity of the anode.

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

n/a

21. PROPERTY DAMAGED:

n/a

NATURE OF DAMAGE:

n/a

ESTIMATED AMOUNT (TOTAL):

\$

22. RECOMMENDATIONS TO PREVENT RECURRENCE NARRATIVE:

Due to the specific nature of this incident, the Houma District has no recommendations to report to the Regional Office.

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

24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:

none

25. DATE OF ONSITE INVESTIGATION:

26. ONSITE TEAM MEMBERS:

Amy Wilson /

29. ACCIDENT INVESTIGATION

PANEL FORMED: **NO**

OCS REPORT:

30. DISTRICT SUPERVISOR:

FPausina for Saucier

APPROVED

DATE: **31-JAN-2006**

FIRE/EXPLOSION ATTACHMENT

1. SOURCE OF IGNITION:

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

3. FUEL SOURCE: **oxygen build up in anode cavity**

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