

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**

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

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

6. OPERATION:

4. LEASE: **G04240**
 AREA: **ST** LATITUDE: **28.161312**
 BLOCK: **300** LONGITUDE: **-90.716201**

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

5. PLATFORM: **A**
 RIG NAME:

6. ACTIVITY: EXPLORATION (POE)
 DEVELOPMENT/PRODUCTION
 (DOCD/POD)

8. CAUSE:

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

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

- FATALITY
- POLLUTION
- FIRE
- EXPLOSION

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

- LWC HISTORIC BLOWOUT
- UNDERGROUND
 - SURFACE
 - DEVERTER
 - SURFACE EQUIPMENT FAILURE OR PROCEDURES

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

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

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

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

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 RECCURANCE 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