

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

1. OCCURRED

DATE: **22-MAY-2008** TIME: **0415** HOURS

2. OPERATOR: **BP Exploration & Production Inc.**

REPRESENTATIVE: **Winfree, Bekki**

TELEPHONE: **(281) 366-8372**

CONTRACTOR: **Transocean Offshore**

REPRESENTATIVE: **Braquet, Jason**

TELEPHONE: **(281) 366-4506**

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

4. LEASE: **G09868**

AREA: **MC** LATITUDE:

BLOCK: **778** LONGITUDE:

5. PLATFORM:

RIG NAME: **T.O. DISCOVERER ENTERPRISE**

6. ACTIVITY:

- EXPLORATION(POE)  
 DEVELOPMENT/PRODUCTION  
 (DOC/POD)

7. TYPE:

- HISTORIC INJURY
- |                                     |                     |   |
|-------------------------------------|---------------------|---|
| <input checked="" type="checkbox"/> | REQUIRED EVACUATION | 1 |
| <input type="checkbox"/>            | LTA (1-3 days)      |   |
| <input type="checkbox"/>            | LTA (>3 days)       |   |
| <input type="checkbox"/>            | RW/JT (1-3 days)    |   |
| <input checked="" type="checkbox"/> | RW/JT (>3 days)     | 1 |
| <input type="checkbox"/>            | 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.  
 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: **6037** FT.

10. DISTANCE FROM SHORE: \_\_\_\_\_ MI.

11. WIND DIRECTION: \_\_\_\_\_  
SPEED: \_\_\_\_\_ M.P.H.

12. CURRENT DIRECTION: \_\_\_\_\_  
SPEED: \_\_\_\_\_ M.P.H.

13. SEA STATE: \_\_\_\_\_ FT.

17. DESCRIBE IN SEQUENCE HOW ACCIDENT HAPPENED:

On May 22, 2008 at 0415 hours on Transocean's Discoverer Enterprise Drillship, located at BP Exploration & Production Inc.'s OCS-G-09868, Mississippi Canyon (MC) Block 778, an employee injured his right ring finger while repairing a mud pump. The Injured Person (IP) was evacuated for evaluation and was diagnosed with a double fracture that required sutures. On a return visit to the physician, pins were inserted to assist in fracture repair, and the IP was placed on restricted work duty.

Sequence of Events:

The mechanical crew was in the process of replacing a pony rod on the P-2 mud pump. Pump isolation was completed with the bleed-off line left open. The IP was holding one end of the pony rod while another mechanic started the bolt-up to the pump end. The swab rod was then pushed back into the piston liner, when a drill floor representative started the P-1 mud pump. Pressure leaked back to the P-2 pump displacing the swab rod out and against the pony rod, thereby trapping the IP's finger between the rod ends. The IP received antibiotics on the rig and was sent in on the next available flight (non-emergency flight) for further evaluation and treatment. The diagnosis resulted in the IP suffering a lacerated right ring finger and possible fracture.

Update: The IP has a double fracture, received sutures, and a recent physician return visit resulted in pins being inserted to assist in fracture repair. The IP has a restricted work duty release, but is currently on his days off.

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

**Human Error:**

Lack of communication between the drill floor representative(s) and mechanics.

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

20. LIST THE ADDITIONAL INFORMATION:

21. PROPERTY DAMAGED:

**None**

NATURE OF DAMAGE:

**None**

ESTIMATED AMOUNT (TOTAL):

**\$**

22. RECOMMENDATIONS TO PREVENT RECURRENCE NARRATIVE:

**The New Orleans District makes no recommendations to MMS.**

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:

**No onsite investigation. /**

29. ACCIDENT INVESTIGATION

PANEL FORMED: **NO**

OCS REPORT:

30. DISTRICT SUPERVISOR:

**David Trocquet**

APPROVED

DATE: **13-JUL-2008**