

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

1. OCCURRED

DATE: **01-MAY-2009** TIME: **0230** HOURS

2. OPERATOR: **Taylor Energy Company LLC**

REPRESENTATIVE: **Ron Williams**

TELEPHONE: **(713) 422-4922**

CONTRACTOR: **Diamond Offshore**

REPRESENTATIVE: **Damon Bourne**

TELEPHONE: **(800) 848-1980**

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

4. LEASE: **G04935**

AREA: **MC** LATITUDE: **28.93615833**
BLOCK: **20** LONGITUDE: **-88.96510725**

5. PLATFORM:

RIG NAME: **DIAMOND OCEAN AMBASSADOR**

6. ACTIVITY:

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

7. TYPE:

HISTORIC INJURY
 REQUIRED EVACUATION
 LTA (1-3 days)
 LTA (>3 days)
 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 **Drawworks Failure**

6. OPERATION:

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

8. CAUSE:

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

9. WATER DEPTH: **455** FT.

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

11. WIND DIRECTION: **SE**
SPEED: **10** M.P.H.

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

13. SEA STATE: **5** FT.

17. DESCRIBE IN SEQUENCE HOW ACCIDENT HAPPENED:

On May 1, 2009, at approximately 0230 hours, on the Diamond Ocean Ambassador, located at Taylor Energy Company LLC's, Lease OCS-G 4935 (expired), Mississippi Canyon (MC) Block 20, while attempting to work the 13 5/8" casing to the bottom, the circuitry in the main panel to the drawworks blew-out rendering the drawworks inoperable. The main 600 volt electrical panel supplying power to the drawworks started emitting smoke and the pull power was reduced by 90%. Power to the panel was then shut off. Two contactors were found severely burned and the armature was covered by soot. All related equipment was inspected. The rig was down a total of 15.5 hours, with no injuries or pollution occurring as a result of the incident.

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

Equipment Failure:

Faulty Component - Two aged/worn contactors and broken hinge pin.

It is suspected that a broken hinge pin allowed the contactors to twist, creating an uneven connection, thus causing the contactors to burn out.

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

20. LIST THE ADDITIONAL INFORMATION:

Replacement contactors were installed and tested.

21. PROPERTY DAMAGED: NATURE OF DAMAGE:

Two contactors in the main control panel Burned

ESTIMATED AMOUNT (TOTAL): **\$12,698**

22. RECOMMENDATIONS TO PREVENT RECURRENCE NARRATIVE:

The MMS New Orleans District makes no recommendations to the MMS Regional Office of Safety Management (OSM).

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

24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:

25. DATE OF ONSITE INVESTIGATION:

01-MAY-2009

28. ACCIDENT CLASSIFICATION:

MINOR

26. ONSITE TEAM MEMBERS:

Elbert Clemens / Robert Neal /

29. ACCIDENT INVESTIGATION

PANEL FORMED: **NO**

OCS REPORT:

27. OPERATOR REPORT ON FILE: **YES**

30. DISTRICT SUPERVISOR:

David J. Trocquet

APPROVED

DATE: **13-JUL-2009**