

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF SAFETY AND ENVIRONMENTAL ENFORCEMENT
GULF OF MEXICO REGION

ACCIDENT INVESTIGATION REPORT

For Public Release

1. OCCURRED
DATE: 17-JAN-2013 TIME: 1805 HOURS

2. OPERATOR: BP Exploration & Production Inc.
REPRESENTATIVE:
TELEPHONE:
CONTRACTOR:
REPRESENTATIVE:
TELEPHONE:

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

4. LEASE: G26519
AREA: HI LATITUDE:
BLOCK: A 119 LONGITUDE:

5. PLATFORM:
RIG NAME: ROWAN JOE DOUGLAS

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

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

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

9. WATER DEPTH: 100 FT.

10. DISTANCE FROM SHORE: 95 MI.

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

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

13. SEA STATE: FT.

17. INVESTIGATION FINDINGS:

While transferring Synthetic Oil Base Mud (SOBM) to the sand traps, rig personnel inadvertently opened the #5 sand trap valve and the mud traveled down to the Master dump valve. The Master dump valve which was supposed to be fully closed was found to be open approximately 4 inches. This caused a release of 91 bbls of SOBM into Gulf waters.

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

Master dump valve not completely closed.
Inadvertant opening of the #5 sand trap valve.

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

Rig personnel inadvertently opened #5 sand trap valve during transferring process. All sand trap valves and the Master dump valve were not clearly marked or locked shut as required by contractor's Health Safety Environment (HSE) management system "Mud tank procedure Section 5.5" All rig personnel were not orientated to mud transferring operations.

20. LIST THE ADDITIONAL INFORMATION:

Master dump valve was not installed properly when assembled during rig build and never verified for proper operation.

21. PROPERTY DAMAGED:

NATURE OF DAMAGE:

ESTIMATED AMOUNT (TOTAL): \$

22. RECOMMENDATIONS TO PREVENT RECURRANCE NARRATIVE:

Clearly mark all sand trap and Master valves and lockout all valves prior to transferring any mud. -
Make sure all procedures are explained to all personnel involved in task prior to performing any task. -

23. POSSIBLE OCS VIOLATIONS RELATED TO ACCIDENT: YES

24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:

E-100 91 bbl spill from #5 sand trap valve inadvertently opened without authorization from OIM
G-110 Master and sand trap valves not clearly marked or locked shut as per approved rig procedures.
G-111 Master dump valve not installed properly and not verified fully closed by rig personnel prior to transferring SOBM.

25. DATE OF ONSITE INVESTIGATION:

26. ONSITE TEAM MEMBERS:

James Holmes /

29. ACCIDENT INVESTIGATION

PANEL FORMED: **NO**

OCS REPORT:

30. DISTRICT SUPERVISOR:

John McCarroll

APPROVED

DATE: **26-NOV-2013**