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

1. OCCURRED
   DATE: 23-JUN-2005  TIME: 1915  HOURS

2. OPERATOR: Anadarko Petroleum Corporation
   REPRESENTATIVE: Susan Hatchcock
   TELEPHONE: (832) 636-8758

3. LEASE: G21810
   AREA: GC  LATITUDE: 27.33699401  LONGITUDE: -90.15495779
   BLOCK: 652

4. PLATFORM:
   RIG NAME: ENSCO 7500

5. ACTIVITY: ☑ EXPLORATION (POE)
   ☐ DEVELOPMENT/PRODUCTION (DOCD/POD)

6. TYPE: ☐ FIRE
   ☐ EXPLOSION
   ☐ BLOWOUT
   ☐ COLLISION
   ☐ INJURY NO. _____
   ☐ FATALITY NO. _____
   ☑ POLLUTION
   ☐ OTHER

7. OPERATION: ☑ PRODUCTION
   ☐ DRILLING
   ☐ WORKOVER
   ☐ COMPLETION
   ☐ 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: 4400 FT.
10. DISTANCE FROM SHORE: 126 MI.
11. WIND DIRECTION: E
    SPEED: 16 M.P.H.
12. CURRENT DIRECTION: SW
    SPEED: 1 M.P.H.
13. SEA STATE: 4 FT.
14. PICTURES TAKEN: NO
15. STATEMENT TAKEN: YES
16. OPERATOR REPRESENTATIVE/SUPERVISOR ON SITE AT TIME OF INCIDENT:
    Donnie Soderberg
    CITY: Florin  STATE: LA
    TELEPHONE: (337) 735-3544
    CONTRACTOR: Ensco Offshore Co.

    CONTRACTOR REPRESENTATIVE/SUPERVISOR ON SITE AT TIME OF INCIDENT:
    Jimmy Pilcher
    CITY: Libuse  STATE: LA
    TELEPHONE: (318) 466-9473
17. DESCRIBE IN SEQUENCE HOW ACCIDENT HAPPENED:

In the process of drilling the well, the crew was attempting maintenance on the spare BOP fail safe valve. The main diverter supply valve was closed, resulting in a pressure loss to the slip joint packer. After the loss of pressure occurred, the slip joint packer seal retracted causing 15 barrels of synthetic base mud to spill into the Gulf of Mexico. The Assistant Subsea Engineer failed to execute the scope of the work planned out and discussed by the supervisor during the pre-tour safety meeting. In addition, no permit to work as required by Ensco’s Safety System of Work Policy was prepared prior to the operation.

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

The cause of the spill was an inadvertent loss of pressure on the slip joint packer and was a direct result of human error and failure to follow written procedures.

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

none

20. LIST THE ADDITIONAL INFORMATION:

In order to prevent recurrence, Ensco and Anadarko have discussed this matter and Ensco has addressed this issue in safety meetings to raise the level of awareness surrounding these procedures. Ensco has stressed at their pre-tour meetings no changes are to be made without approval from the supervisor. In addition, Ensco modified its preventive maintenance routine for fail safe valves to reflect not only the scenario of Broussard yard maintenance procedures but to apply to maintenance and overhaul on board the rig as well; i.e., not just shore based equipment yard specific but rig specific as well.
21. PROPERTY DAMAGED: none
   NATURE OF DAMAGE: n/a

   ESTIMATED AMOUNT (TOTAL): $

22. RECOMMENDATIONS TO PREVENT RECURRANCE NARRATIVE:
   Due to the specific nature of this incident, the Houma District has nothing to
   recommend to the Regional Office.

23. POSSIBLE OCS VIOLATIONS RELATED TO ACCIDENT: YES

24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:
   E-100 for pollution.

25. DATE OF ONSITE INVESTIGATION:

26. ONSITE TEAM MEMBERS:
   Gresham, Amy / Sanchez, Brandon /

27. OPERATOR REPORT ON FILE: YES

28. ACCIDENT CLASSIFICATION: MINOR

29. ACCIDENT INVESTIGATION PANEL FORMED: NO
   OCS REPORT:

30. DISTRICT SUPERVISOR:
   Michael J. Saucer
   APPROVED
   DATE: 22-AUG-2005
POLLUTION ATTACHMENT

1. VOLUME: GAL 15 BBL
   YARDS LONG X YARDS WIDE
   APPEARANCE: DARK BROWN

2. TYPE OF HYDROCARBON RELEASED: ☑ OIL
   ☑ DIESEL
   ☑ CONDENSATE
   ☑ HYDRAULIC
   ☑ NATURAL GAS
   ☑ OTHER Synthetic base mud

3. SOURCE OF HYDROCARBON RELEASED: Slip Joint Packer

4. WERE SAMPLES TAKEN? NO

5. WAS CLEANUP EQUIPMENT ACTIVATED? NO
   IF SO, TYPE:
   ☐ SKimmer
   ☐ CONTAINMENT BOOM
   ☐ ABSORPTION EQUIPMENT
   ☐ DISPERsANTS
   ☐ OTHER

6. ESTIMATED RECOVERY: 0 GAL 0 BBL

7. RESPONSE TIME: HOURS

8. IS THE POLLUTION IN THE PROXIMITY OF AN
   ENVIRONMENTALLY SENSITIVE AREA (CLASS I)? NO

9. HAS REGION OIL SPILL TASK FORCE BEEN NOTIFIED? NO

10. CONTACTED SHORE: NO IF YES, WHERE:

11. WERE ANY LIVE ANIMALS OBSERVED NEAR: NO

12. WERE ANY OILED OR DEAD ANIMALS OBSERVED NEAR SPILL: NO