

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**
BLOCK: **652** LONGITUDE: **-90.15495779**

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 RECURRENCE 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:

28. ACCIDENT CLASSIFICATION:

MINOR

26. ONSITE TEAM MEMBERS:

Gresham, Amy / Sanchez, Brandon /

29. ACCIDENT INVESTIGATION

PANEL FORMED: **NO**

OCS REPORT:

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

30. DISTRICT SUPERVISOR:

Michael J. Saucier

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 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**