

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

1. OCCURRED

DATE: **02-MAY-2005** TIME: **1332** HOURS

2. OPERATOR:

W & T Offshore, Inc.

REPRESENTATIVE: **Cheryl Murphy**

TELEPHONE: **(281) 578-3388**

CONTRACTOR: **Fugro-McClelland**

REPRESENTATIVE: **Derick Robinson**

TELEPHONE: **(337) 237-1300**

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

Chad Romero

4. LEASE:

G02353

AREA: **HI**

LATITUDE:

BLOCK: **110**

LONGITUDE:

5. PLATFORM:

A

RIG NAME:

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 **lift boat damages pipeline**

6. OPERATION:

PRODUCTION

DRILLING

WORKOVER

COMPLETION

HELICOPTER

MOTOR VESSEL

PIPELINE SEGMENT NO. **12579**

OTHER **jacking down the lift boat**

8. CAUSE:

EQUIPMENT FAILURE

HUMAN ERROR

EXTERNAL DAMAGE

SLIP/TRIP/FALL

WEATHER RELATED

LEAK

UPSET H2O TREATING

OVERBOARD DRILLING FLUID

OTHER **2 pads from lb impacted PL**

9. WATER DEPTH:

52 FT.

10. DISTANCE FROM SHORE:

23 MI.

11. WIND DIRECTION: **E**

SPEED:

15 M.P.H.

12. CURRENT DIRECTION: **E**

SPEED:

3 M.P.H.

13. SEA STATE:

3 FT.

17. DESCRIBE IN SEQUENCE HOW ACCIDENT HAPPENED:

Audrey lift boat jacked down at W & T Offshore's Platform A in High Island Area Block 110. The exact location of the Transco 24-inch gas pipeline was not known and although sonar was utilized, it could not pick up the 24-inch pipeline. During the jack down operations, the port and stern legs of the jack-up boat were set down on Transco's 24-inch gas pipeline, SN 12579 ROW G-21880. The pipeline was not buoyed, reflectors were not installed and W&T did not comply with the provisions set forth in NTL 98-20. Transco was notified by W & T Offshore on May 8, 2005 that the lift boat had jacked down on their pipeline. Divers were deployed by Transco on May 10, 2005 to evaluate the damage. There was damage to the concrete coating at the site of the port leg's impact, not to the pipeline itself. At the site of the stern leg's impact, damaged concrete coating and a dent in the pipe itself were found. On May 13, 2005, Transco commenced blowdown operations to lower the pipeline from 1026 psig to 700 psig until a stress analysis and repair procedures were complete. A Safety Related Condition Report was submitted by Transco to DOT OPS RSPA on May 17, 2005.

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

The exact location of 24-inch gas pipeline was unknown and there was no attempt to locate the as-built position. While jacking down the lift boat 2 legs were set down on the pipeline.

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

Pipeline was not buoyed, reflectors were not placed on the pipeline and a variance request from NTL 98-20 to not buoy pipelines during a rig move was not submitted to the MMS Pipeline Section. Transco was not notified prior to the incident that the lift boat would be jacked in the vicinity of their 24-inch gas pipeline.

20. LIST THE ADDITIONAL INFORMATION:

If a variance from the NTL 98-20 would have been requested, because of the proximity of Transco's pipeline, it would not have approved and W&T would have been directed to locate the pipeline and place reflectors on the route or W&T would have been directed to approach the structure from a different direction.

21. PROPERTY DAMAGED:

NATURE OF DAMAGE:

24-inch gas pipeline, 24" OD x 0.438" WT API 5L-X60 pipe with 2.25" cwc over 14-16 mils FBE. Port leg impact: CWC damage
Stern leg impact: CWC damage and dent to pipeline, dent is 4' 7" by 15" wide and 1.5" deep. No welds were impacted.

ESTIMATED AMOUNT (TOTAL): \$2,550,000

22. RECOMMENDATIONS TO PREVENT RECURRENCE NARRATIVE:

Operator should locate and identify all pipelines within 200-500 feet of a proposed rig move. Provide notifications to all pipeline operators identified along with a plan of action. Comply with the provisions set forth in NTL 98-20 or request a variance in advance. Any pipeline less than 100 feet away from any leg and below the mudline must have reflectors placed on the pipeline location used in conjunction with industry accepted survey techniques. Any pipeline less than 100 feet away from any leg, in water depths greater than 200 feet and unburied must be found using industry accepted survey techniques to locate the pipeline and mark the location in lieu of buoying.

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:

29. ACCIDENT INVESTIGATION
PANEL FORMED: NO

OCS REPORT:

30. DISTRICT SUPERVISOR:

Alex Alvarado

APPROVED

DATE: 02-FEB-2006