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

ACCIDENT INVESTIGATION REPORT

1.	OCCURRED	_
	DATE:	STRUCTURAL DAMAGE
	28-MAR-2007 TIME: 0515 HOURS	CRANE
		OTHER LIFTING DEVICE
2.	OPERATOR: BP Exploration & Production Inc.	DAMAGED/DISABLED SAFETY SYS.
	REPRESENTATIVE: Onstott, Linda	INCIDENT >\$25K
	TELEPHONE: (281) 366-0219	H2S/15MIN./20PPM
	CONTRACTOR:	REQUIRED MUSTER
	REPRESENTATIVE:	SHUTDOWN FROM GAS RELEASE
	TELEPHONE:	X OTHER Rupture in 4" take-on hose
3.	OPERATOR/CONTRACTOR REPRESENTATIVE/SUPERVISOR ON SITE AT TIME OF INCIDENT:	6. OPERATION:
		☐ PRODUCTION
		X DRILLING
4.	LEASE: G11081	WORKOVER
	AREA: GC LATITUDE:	COMPLETION
	BLOCK: 645 LONGITUDE:	HELICOPTER
		MOTOR VESSEL
5.	PLATFORM: A-Holstein Spar	PIPELINE SEGMENT NO.
	RIG NAME: HOLSTEIN SPAR RIG	OTHER
6.	ACTIVITY: EXPLORATION(POE)	8. CAUSE:
	X DEVELOPMENT/PRODUCTION	
	(DOCD/POD)	EQUIPMENT FAILURE
7.	TYPE:	HUMAN ERROR EXTERNAL DAMAGE
	HISTORIC INJURY	SLIP/TRIP/FALL
	☐ REQUIRED EVACUATION	WEATHER RELATED
	LTA (1-3 days)	X LEAK
	LTA (>3 days	UPSET H20 TREATING
	RW/JT (1-3 days)	OVERBOARD DRILLING FLUID
	RW/JT (>3 days)	OTHER
	Other Injury	_
	☐ FATALITY	9. WATER DEPTH: 4340 FT.
	X POLLUTION	
	FIRE	10. DISTANCE FROM SHORE: 119 MI.
	EXPLOSION	
		11. WIND DIRECTION: SW
	LWC HISTORIC BLOWOUT	SPEED: 20 M.P.H.
	UNDERGROUND	
	SURFACE	12. CURRENT DIRECTION: WSW
	DEVERTER	SPEED: 1 M.P.H.
	SURFACE EQUIPMENT FAILURE OR PROCEDURES	=
	COLLISION HISTORIC >\$25K <=\$25K	13. SEA STATE: 4 FT.

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17. INVESTIGATION FINDINGS:

The Motor Vessel "Dante" was transferring Calcium Bromide (CaBr2) to the Holstein Spar Rig. A hose watch was in place monitoring the operation, when a rupture was observed in the 4" take-on hose. The transfer operation was shut down immediately, with approximately 1 barrel of fluid lost to the Gulf of Mexico in a thirty second period. Further investigation determined that the hose had a 1/2" hole, and the hose had not been in service since December 2006.

The hose had been inspected with no internal damage prior to use, and also tested with forty (40) psi air pressure from the boat manifold to the rig manifold.

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

The hose is believed to have been punctured from the outside during the fluid transfer operation.

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

General hose deterioration/abrasion resulting from the lack of service use. 20. LIST THE ADDITIONAL INFORMATION:

N/A

21. PROPERTY DAMAGED:

NATURE OF DAMAGE:

One hose.

1/2" hole in hose.

ESTIMATED AMOUNT (TOTAL):

\$3,200

22. RECOMMENDATIONS TO PREVENT RECURRANCE NARRATIVE:

Due to the specific nature of this incident, the Houma District has no recommendations to report to the Regional Office of Safety Management.

- 23. POSSIBLE OCS VIOLATIONS RELATED TO ACCIDENT: NO
- 24. SPECIFY VIOLATIONS DIRECTLY OR INDIRECTLY CONTRIBUTING. NARRATIVE:

None

- 25. DATE OF ONSITE INVESTIGATION:
- 26. ONSITE TEAM MEMBERS:

29. ACCIDENT INVESTIGATION PANEL FORMED: NO

OCS REPORT:

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30. DISTRICT SUPERVISOR:

Michael J. Saucier

APPROVED DATE: 25-MAY-2007

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POLLUTION ATTACHMENT

1.	VOLUME: GAL	1 BBL
	YARDS LONG X	YARDS WIDE
	APPEARANCE:	
2.	TYPE OF HYDROCARBON RELEASED:	DIL
		DIESEL
		CONDENSATE
		HYDRAULIC
		NATURAL GAS
	\mathbf{x}	OTHER CaBr2
3.	3. SOURCE OF HYDROCARBON RELEASED: Ruptured take on hose	
4.	WERE SAMPLES TAKEN? NO	
5.	WAS CLEANUP EQUIPMENT ACTIVATED? NO	
	IF SO, TYPE: SKIMMER	
	CONTAINMENT BOOM	
	ABSORPTION EQUIP	MENT
	DISPERSANTS	
	OTHER	
6.	ESTIMATED RECOVERY: 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	

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