

# Reservoir Blowout Hazard

MAJOR ACCIDENT HAZARD  
RISK ASSESSMENT  
DEEPWATER HORIZON

CONFIDENTIAL

Transocean		MAJOR ACCIDENT HAZARD RISK ASSESSMENT DEEPWATER HORIZON		APPENDIX IV			
HAZARDS	CONSEQUENCES	PREVENTIONS	MITIGATIONS	RISK RANKING			RECOMMENDATIONS / COMMENTS
				S	L	RR	
Reservoir blowout (at Drill Floor)	Major environmental impact Multiple personnel injuries and/or fatalities. Major structural damage and possible loss of vessel.	Well control procedures and training of O&B crew in well control Maintenance and testing of BOP's and other surface and well control equipment Instrumentation and indication of well status Hydrocarbon / Corrosible Gas detection system Redundant BOP controls	Emergency response procedure, training and drills. Ability to move off station. Firefighting capabilities Ability to evacuate the rig Availability of medical treatment including medic Redundant BOP controls Passive fire protection in highly populated areas of vessel EX rated equipment to prevent ignition of blowout.	5	8	17	

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