

Reservoir Blowout Hazard

MAJOR ACCIDENT HAZARD
RISK ASSESSMENT
DEEPWATER HORIZON

CONFIDENTIAL

Transocean MAJOR ACCIDENT HAZARD RISK ASSESSMENT DEEPWATER HORIZON APPENDIX IV

Transocean		MAJOR ACCIDENT HAZARD RISK ASSESSMENT DEEPWATER HORIZON		APPENDIX IV			RECOMMENDATIONS / COMMENTS
HAZARDS	CONSEQUENCES	PREVENTIONS	MITIGATIONS	RISK RANKING			
				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 drill crew in well control Maintenance and testing of BOP's and other subsea and well control equipment Instrumentation and indication of well status. Hydrocarbon / Combustible 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 medivac Redundant BOP controls. Passive fire protection in highly populated areas of vessel. EX rated equipment to prevent ignition of blowout.	5	B	17	

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