SAFETYBALL CLOSES LEAKING DILPIPE

Failsafe system to close a leaking oilpipe in all conditions instead of a BOP (closer) that did not function in mai 2010 in the Gulf of Mexico

Riser pipe through which the oil will be pumped towards the surface of the sea. During drilling the safetyball will not work Sea surface, Dark blue steel pipe is needed to keep the steel pulling cable out of the riser pipe and not leak oil out of the system. ultimate tensile strength of steel pipe lower as ultimate strength steel cable Weak point in riser pipe. We know where riser pipe will break Steel pulling cable One end of steel wire connected to riserpipe above weak (breaking point) point in riser pipe. Other rend of steel wire connected to the safetyball. When riser pipe breaks this cable will pull the safetyball lose from retaining position. You could put some air in ball so ball will always Conical part in riser pipe rise automatically. Fail safe Concical part in riser pipe to let the safetyball get stuck in the pipe Steel cable will break lose from safetyball after safetyball is pulled away from retaining <u>construction</u> This strong ball is connected constructively to the steel Weld circular ring with holes on pipe pipe with big diameter (retaining construction). A steel plate will direct the oil away form the ball to reduce drag. Ball can be covered by soft product to seal when ball is pushed by for emergency operations oilflow into conical part op riser pipe Seafloor This plug will close the pipe through which the steel cable is lead up along riserpipe.

> NEW CONCEPT TO CLOSE THE WELL IN CASE OF EMERGENCY

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