

LA SPEZIA ITALY 11 Giugno 2010

My contacts with BP

5/11/2010 at 22:35 Italian time Telephone call to Call Center operator Gwen, Description of a method called "Horizon-The Gulf Mission" consisting of the insertion of a main tube used for the insertion of clogging material. Documentation was sent 05/12/2010 by Email

16 maggio I send by email: TELESCOPE PIPE REBIRTH AND BLOW JOB PIPE TYPE B AND TYPE D and PRESS KILL

29 maggio i send by email TOTAL CAP you can see all ducumentation in www.ferraridenobili.i/downloads/thewayforthecap.pdf

3 giugno i send by email CAP AND VALVE www.ferraridenobili.i/downloads/CapAndValve.pdf

CAP AND VALVE is the evolution of the TOTAL CAP and this idea was taken for the LMRP, but LMRP have very big problems because is no fixed whif the well pipe.

CAP AND VALVE is the simple and definitive solution that you can see in the next page

For any clarifications or doubts you may contact us at 011 393384244466. I would also greatly appreciate just an acknowledgement if any of my technical information has been any kind of help.

Dott. Geol. FRANCO FERRARI

E mail <u>ferraridenobili@tin.it</u> 011 39 0187717589 fax 011 39 3384244466 tel.

LMRP Cap

Expected CU difficulties with the positioning of the cap due to the flow of oil. Difficulties are expected while blocking the cap, due to the oil flow coming out around the cap obscuring rov vision. Expected difficulties in sealing. Possible difficulties for the formation of gas hydrates

BOP Stack

ROV

Cap And Valve

easy positioning of the piece of pipe with a valve while the flow passes inside, freely. Powerful pumps are not necessary, there is no danger of clogging the pipes. Allows a flow control

I DO B

piece of pipe with valve

012

ROV

BOP Stack



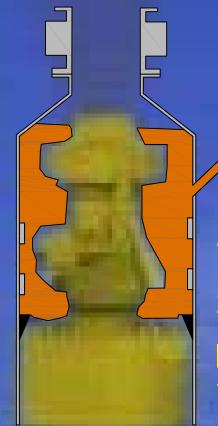
seal to contain the cement or resin during injection

valve open

steel piece applied inside the tube to increase the adherence with the resin or cement

Injection of resin or cement without problems because injected outside of the flow, in a quiet zone





The resin or cement form a strong seal with the tubing of preventer. The resin or cement to prevent leakage of oil from the bottom of the tube with valve



when the resin or cement were consolidated you can close the valve stopping the flow of oil. closed the flow, in tranquility, you can restore a new riser



when te new riser is in position you can open the valve for to take the flow in surface





LA SPEZIA ITALY 20 maggio 2010

Contacts with BP

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YOU SHOW A NEW SOLUTION:

Cap And Valve (WATCH THE FIGURE)

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