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LA SPEZIA ITALY 20 MAGGIO 2010

Contacts with BP

Telephone call to Call Center operator Gwen, 5/11/2010 at 22:35 Italian time
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
Other documentation sent by email 05/16/2010 :TELESCOPE PIPE REBIRTH AND BLOW JOB PIPE TYPE B AND TYPE D and PRESS KILL

YOU SHOW A NEW SOLUTION:

TOTAL CAP (WATCH THE FIGURE IN THE NEXT PAGE)

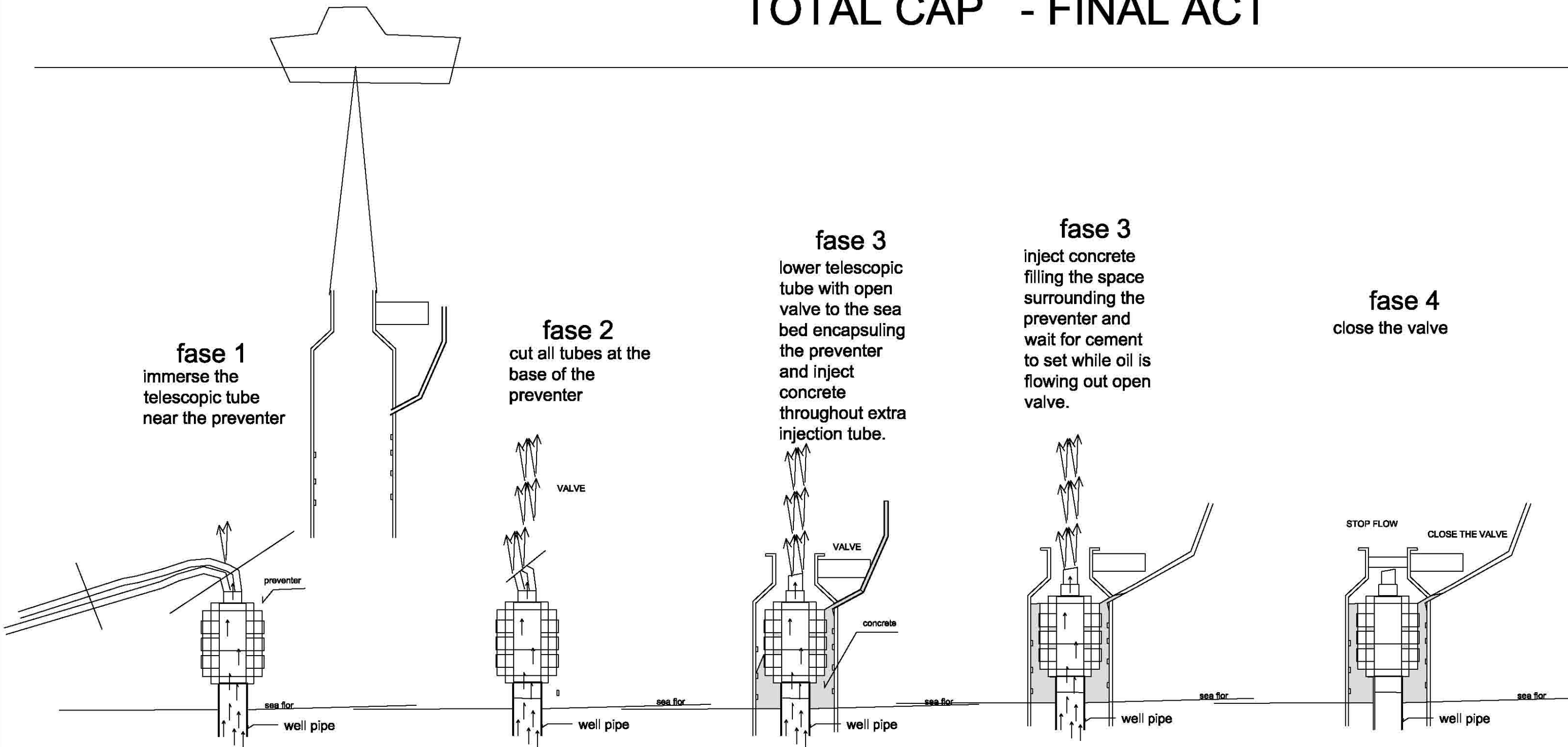
For any clarifications or doubts you may contact us at 011 393384244466.
I would also greatly appreciate just an acknowledgement if any of my technical information has been any kind of help.

Dott. Geol. FRANCO FERRARI

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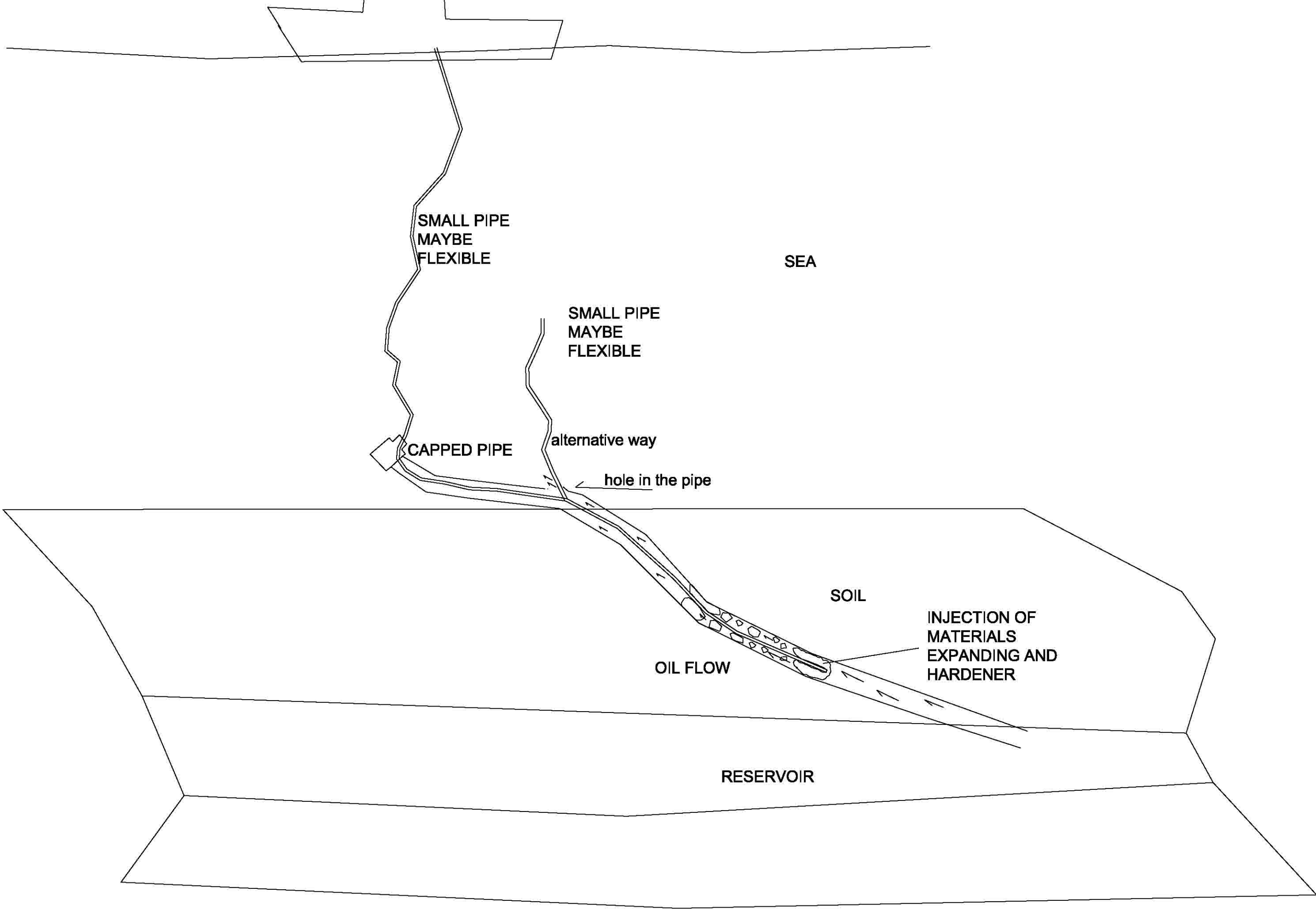
ferrari de nobili

TOTAL CAP - FINAL ACT



Description :

After cutting at the base of the preventer the currently broken tubes, a tube/pipe with a diameter larger than the maximum diameter of the preventer with the broken tubes put together encapsules the entire preventer and it's shortened tubes covering the entire damaged section and digging into the sea bed. The tube/pipe that will encapsule the preventer will be composed of a main tube with a valve in the upper section to leave open for oil flow during the closing process and a few connecting tubes and injection tubes. After positioning the new pipe over the preventer, cement fills the tube covering the preventer head and naturally anchors the preventer. To increase holding, inside the pipe metallic pieces can be soldered on the sides creating adhesion between the pipe and the preventer. The cement clogs the bottom part of the pipe and once the cement hardens, the upper valve can be closed finally interrupting oil flow. Once the oil flow is no longer an emergency it is possible to connect other tubes to the surface using the extra exit tubes connected to the new pipe.



clog telescope

fase 1

place unother smaller pipe with valve and oring in the main pipe.

around the smaller tube position some injection tubes.

the valve must be open

fase 2

inject cloggin material throughout injection tubes

the overlap lenght must be right for the solid pipes assembly

fase 3

inject cloggin material throughout injection tubes until the space between the two tubes is completely filled up

fase 4

attend the firming up of the injected material

fase 5

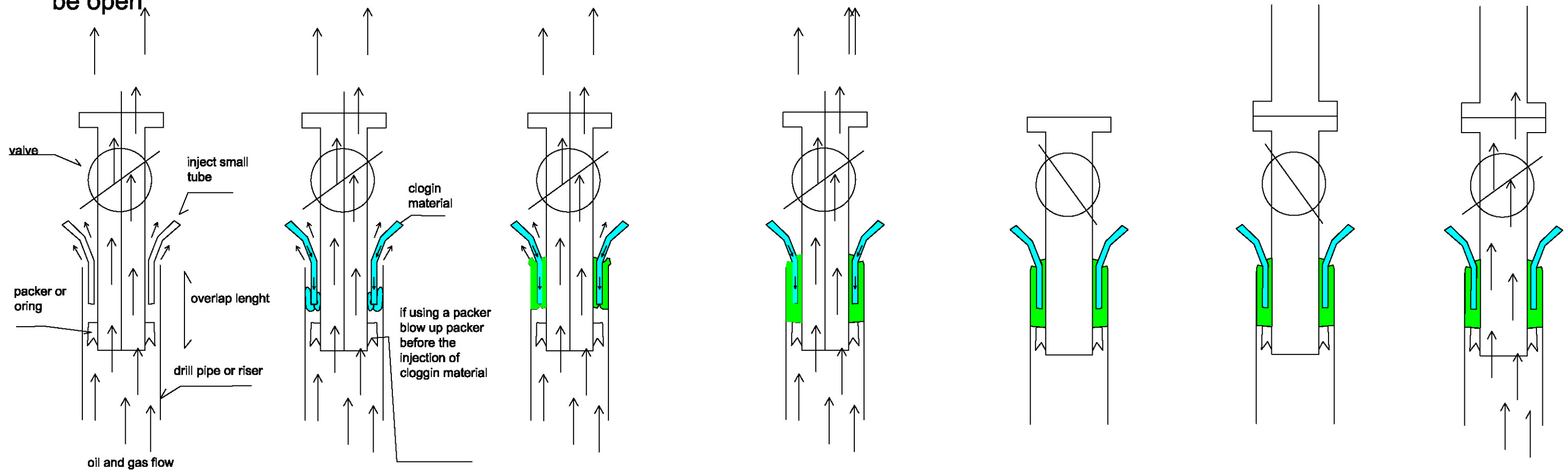
close valve

fase 6

applply a new tube that reaches surface

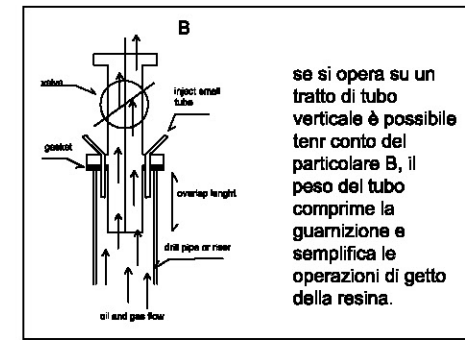
fase 7

open the valve to release the oil flow



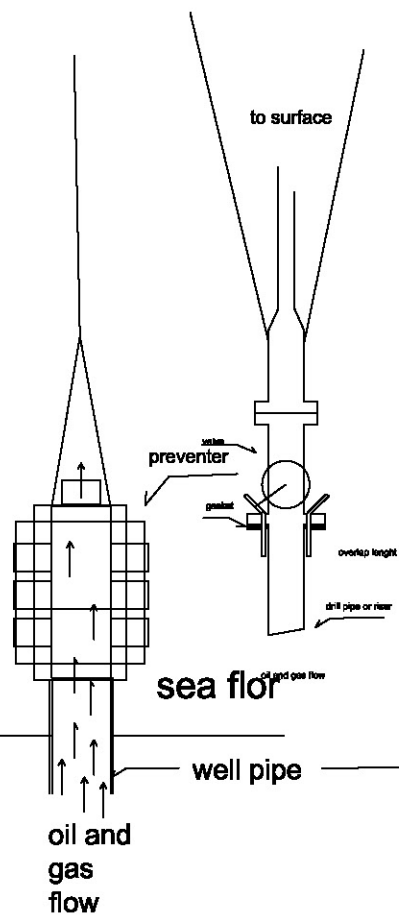
blow telescope pipe

come sviluppo di quanto sopra si può ipotizzare la seguente sequenza per ripristinare la funzionalità del pozzo principale.



fase 1

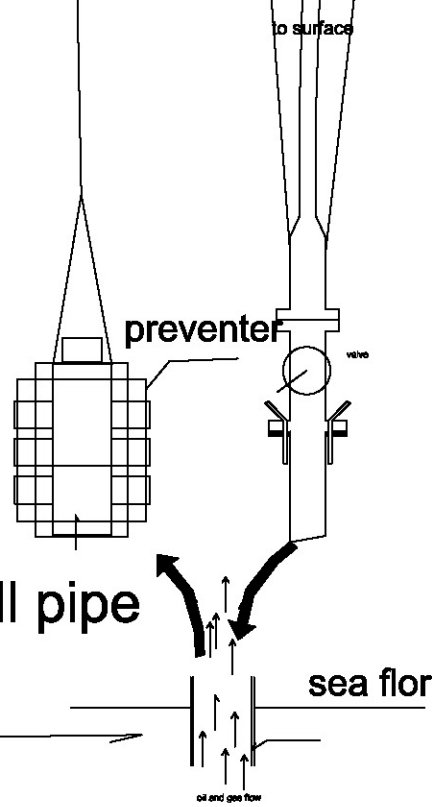
immerse the telescopic tube near the preventer



fase 2

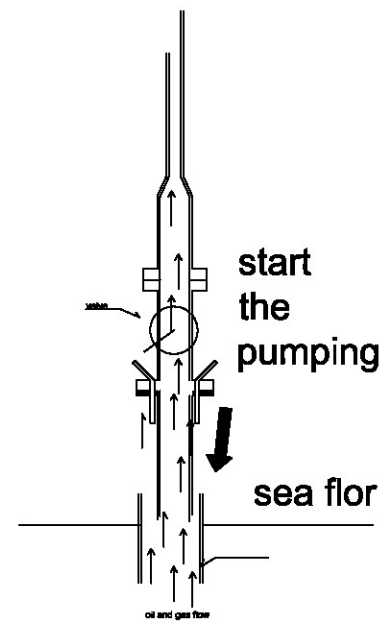
cut the principal well pipe and move telescopic tub on top of oil flow

cut well pipe



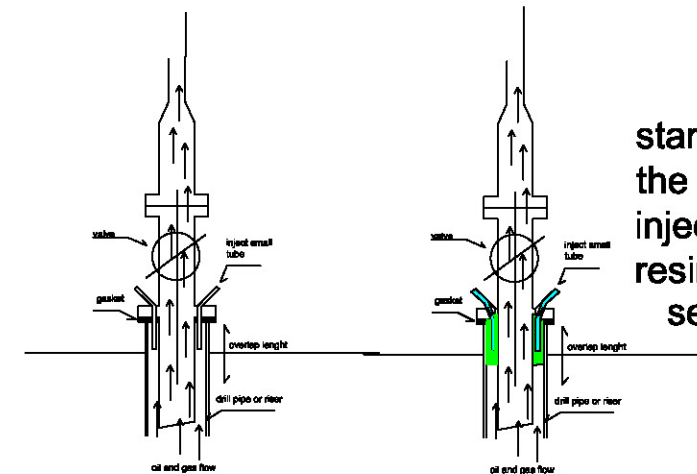
fase 3

lower telescopic tube on to the well and begin to pump oil to the surface



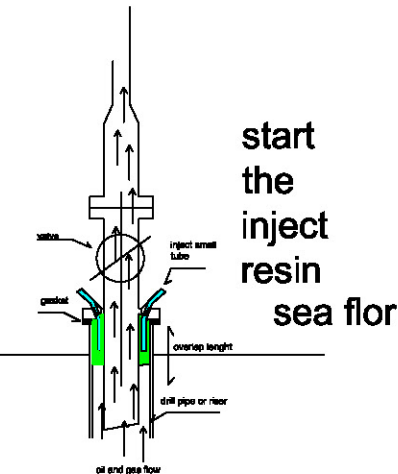
fase 4

lower telescopic tube until it is lying on the well pipe's lip forming an interspace between the tube and pipe inject resin or other clogging material where tubes meet to unite the joint



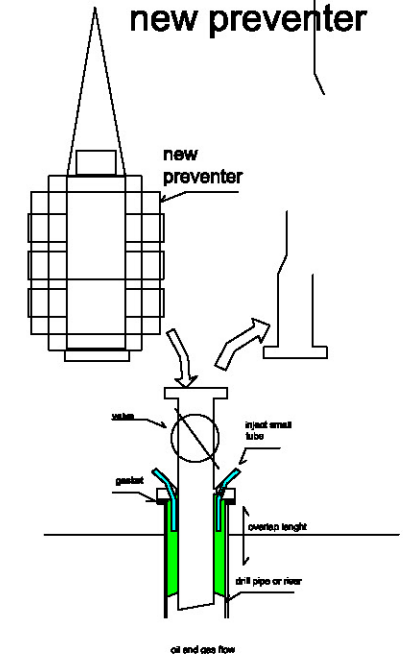
fase 5

inject resin or other clogging material where tubes meet to unite the joint



possible fase 6

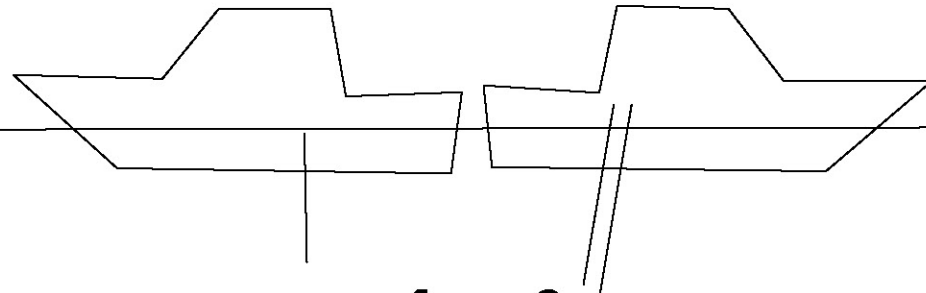
it is possible to close the valve and install a new preventer



the overlap length must be calculated sufficiently for joint between tubes
if you foresee problems of ice formation see D solution

blow telescope pipe type D

opzione C come sviluppo di quanto sopra si può ipotizzare la seguente sequenza per ripristinare la funzionalità del pozzo principale.



fase 1
immerse the
telescopic tube
near the preventer

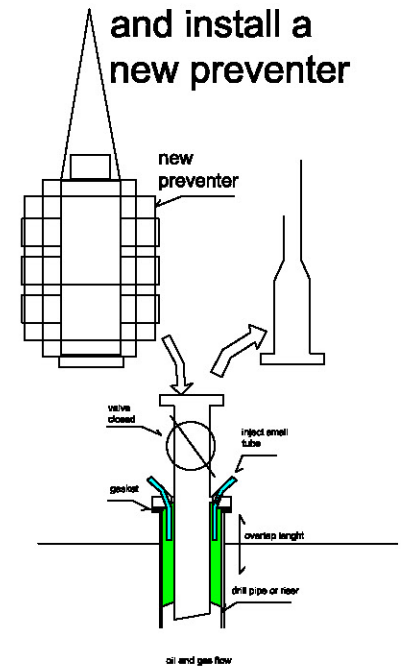
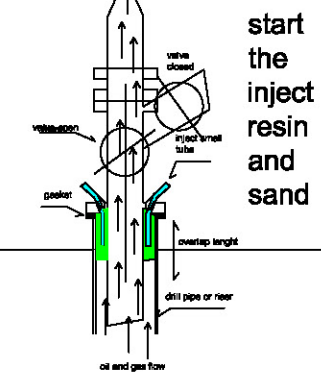
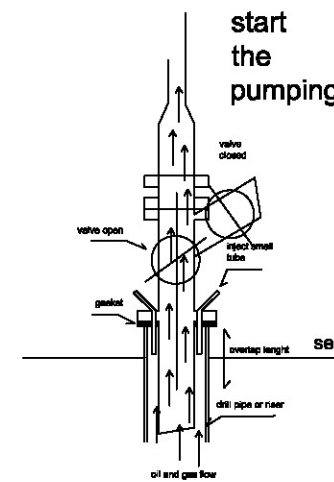
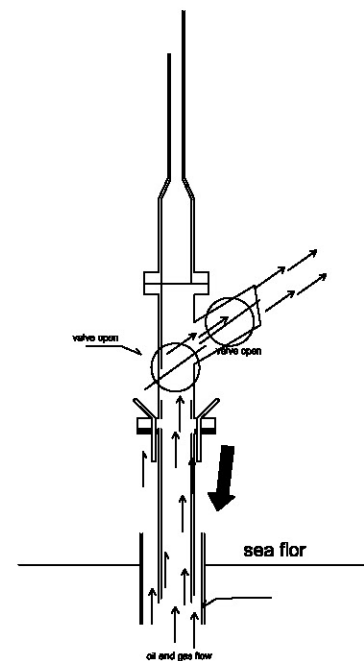
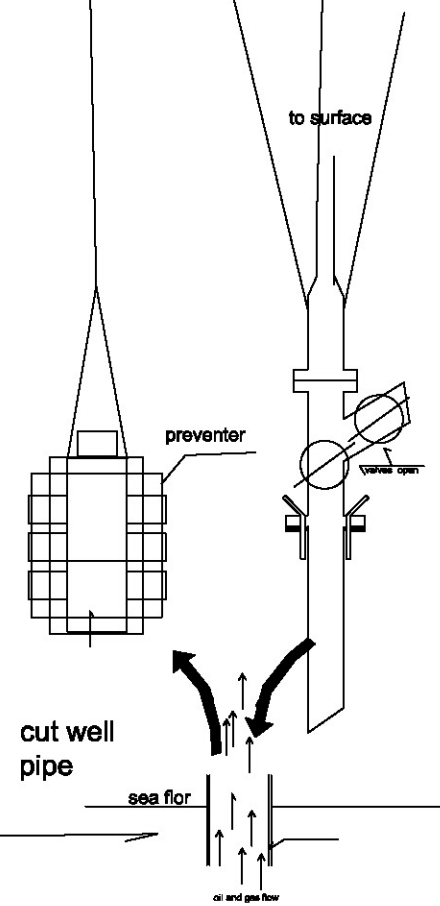
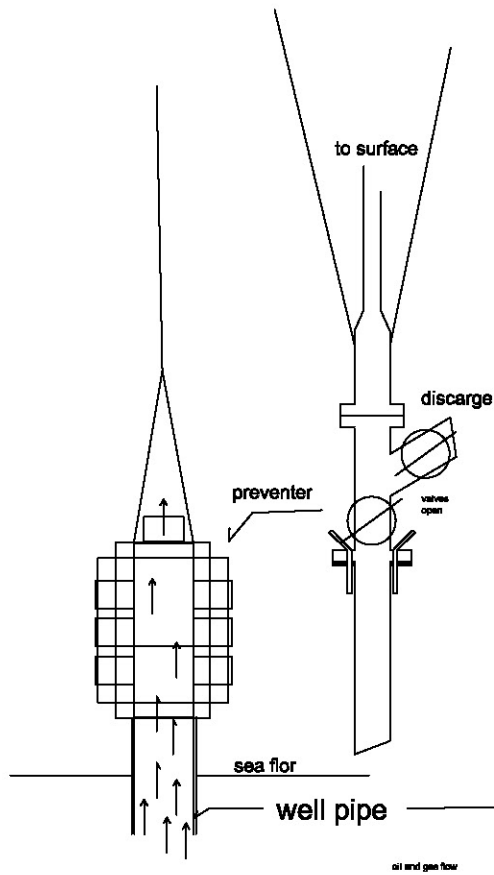
fase 2
cut the principal well
pipe and move
telescopic tub on top
of oil flow

fase 3
lower telescopic
tube on to the
well with the
valve open

fase 4
lower telescopic
tube until it is
lying on the well
pipe's lip close
the valve for
discharge

fase 5
inject resin or
other clogging
material where
tubes meet to
unite the joint

eventuale fase 6
it is possible to
close the valve
and install a
new preventer



ONLY FOR SMART ENGINEERS

PRESS KILL

(WITHOUT WORDS)

