



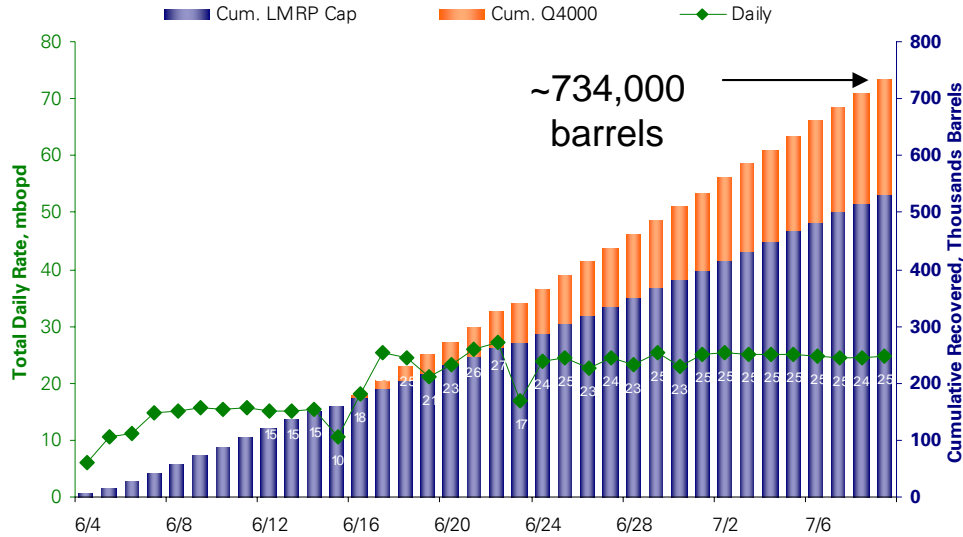
Kent Wells Technical Update – Sealing Cap Installation

10 July, 2010

Current Status Update



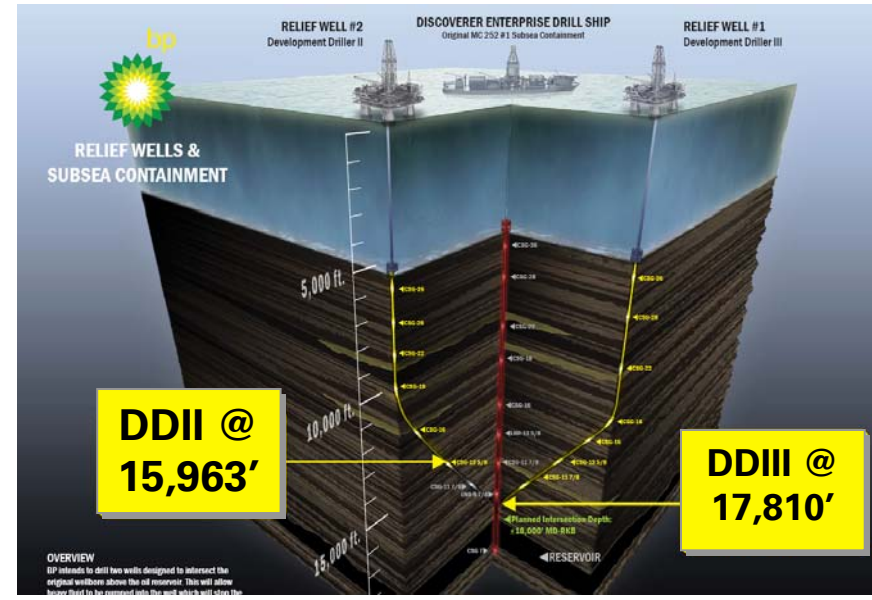
Collection: LMRP Cap + Q4000



Next Phase of Collection: Helix Producer



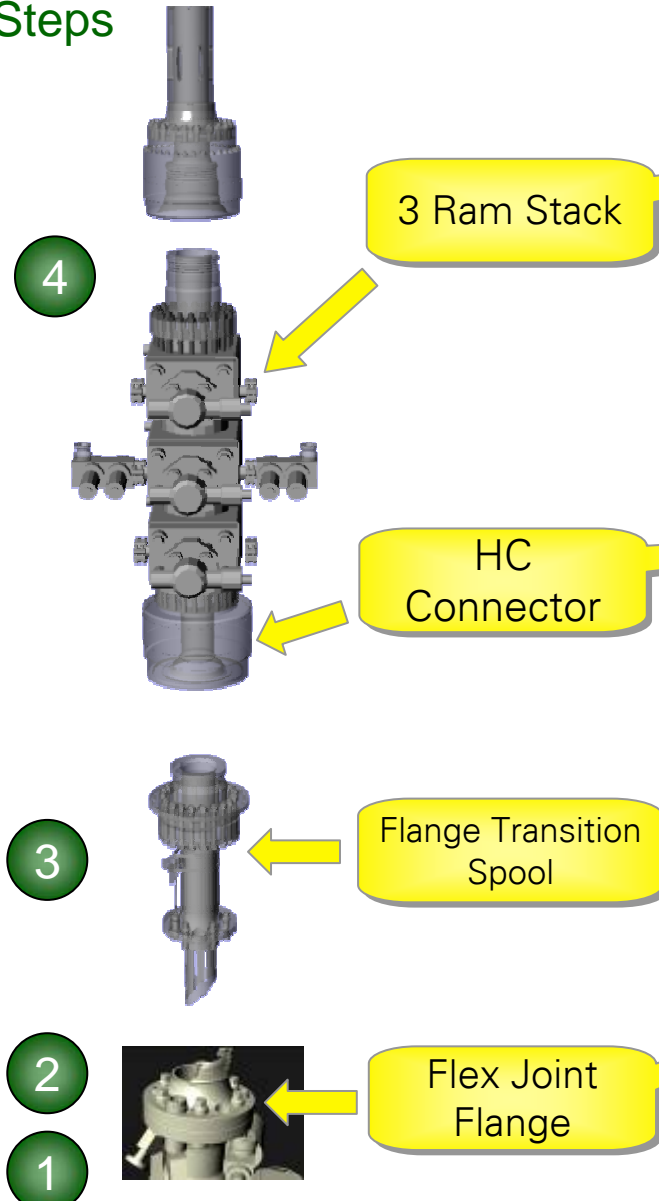
Relief Wells



Sealing Cap Installation Steps



Steps



Step 1 & 2 – Remove LMRP Cap, Unbolt & Remove Flange



1

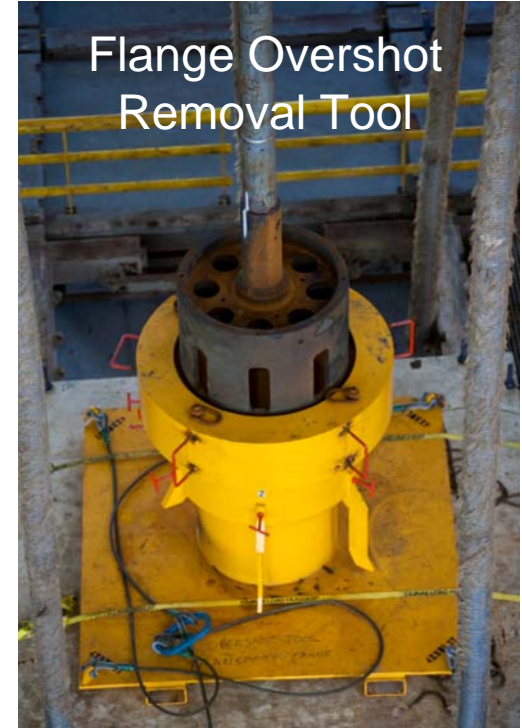
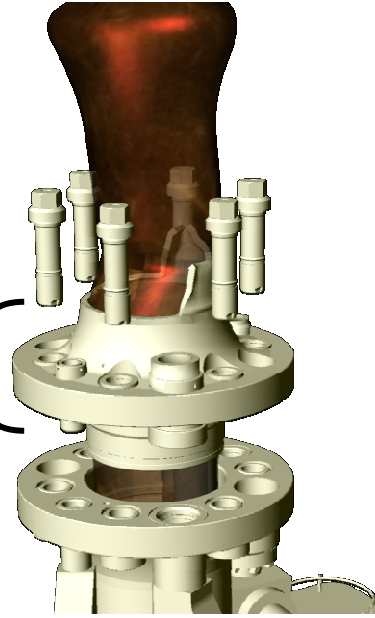
Remove LMRP Cap



Flange

2

Remove Flange



Steps in removing

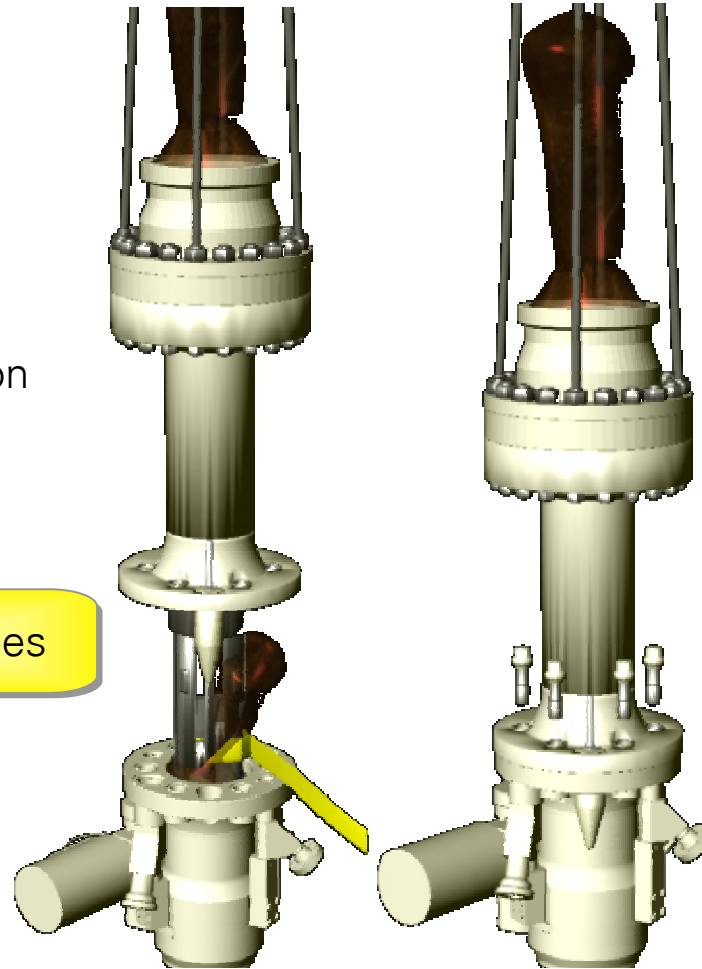
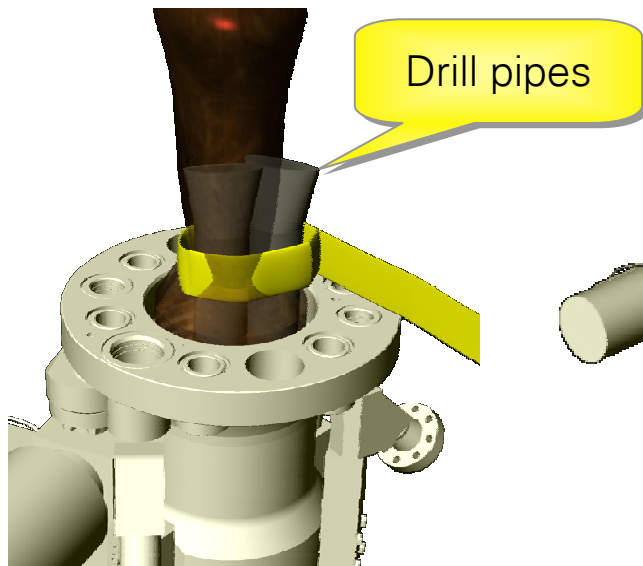
- Lift off LMRP Cap
- Unbolt & remove 6 bolts with ROVs
- Flange Overshot tool lowered on top to lift off flange
- Flange splitting tool only used if required



Step 3 – Install Flange Transition Spool

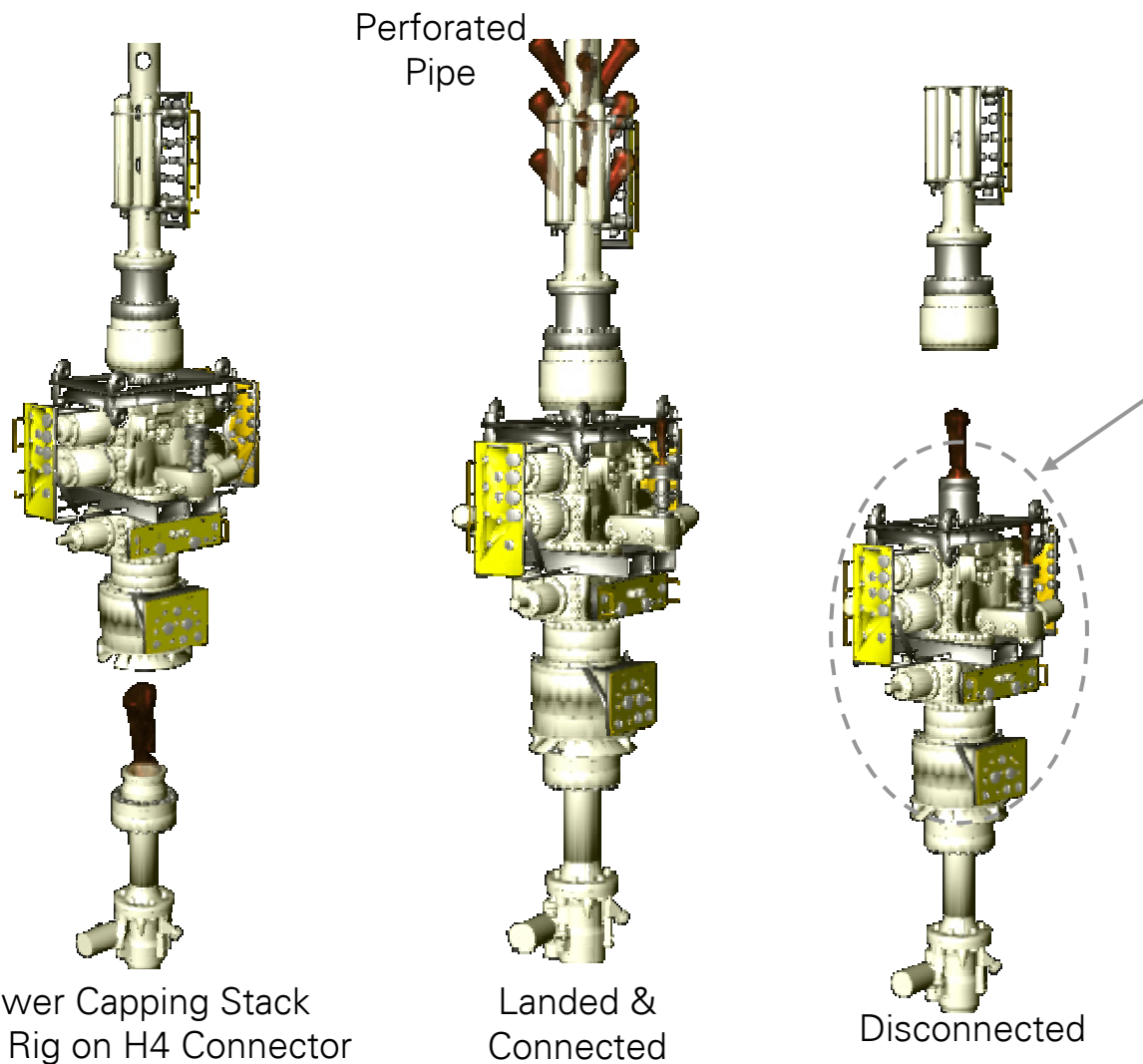
Steps to Install

- Bundle drill pipes, if necessary
- Lower Flange Transition Spool with wire line
- Stab in and remove strap on drill pipes
- Install bolts



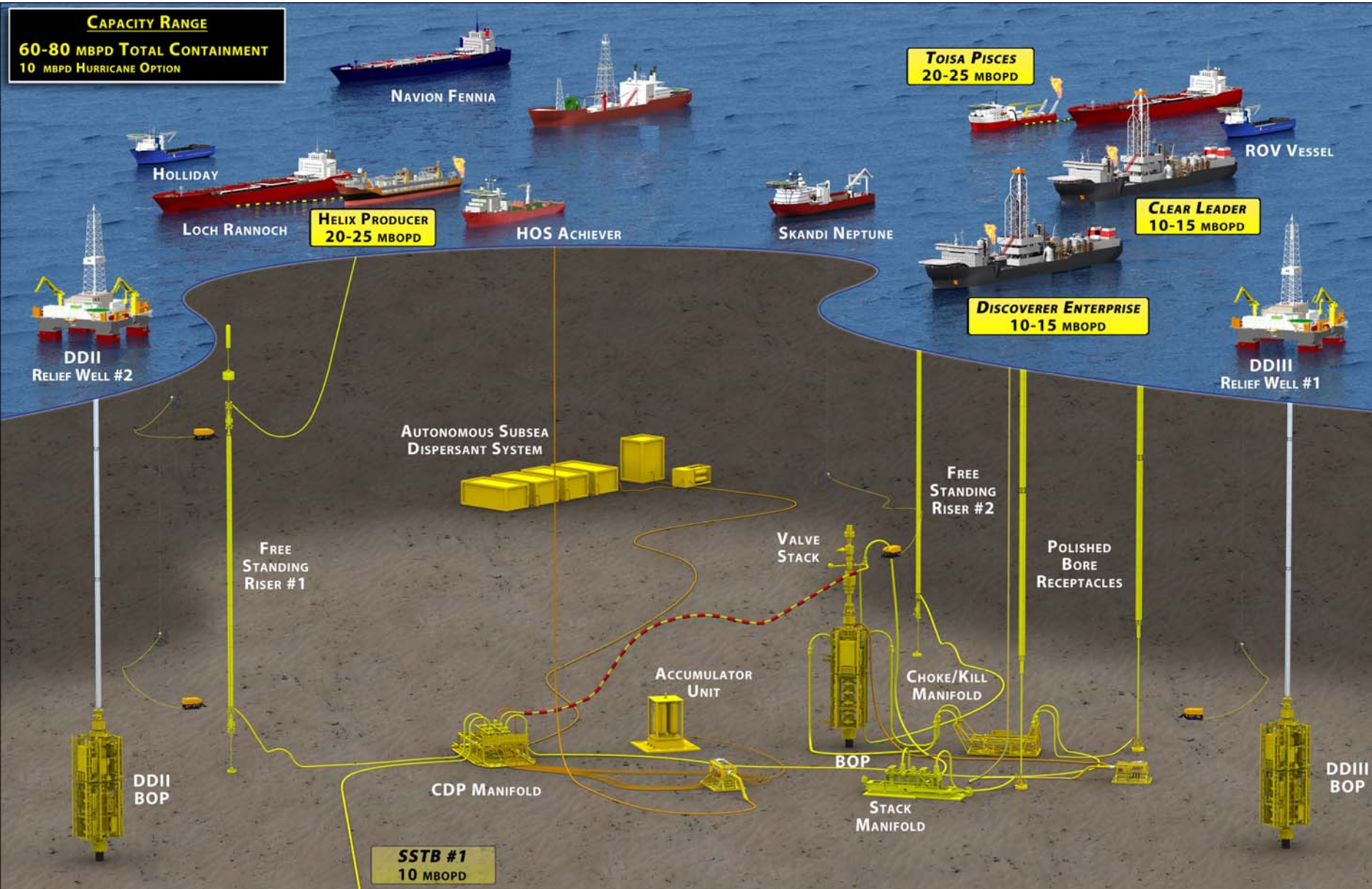
Actual tool being tested

Step 4 – Install 3 Ram Capping Stack



Containment: Mid July Onwards

Capacity 60–80 mbd



CAPACITY RANGE
60-80 MBOPD TOTAL CONTAINMENT
10 MBOPD HURRICANE OPTION

TOISA PISCES
20-25 MBOPD

HELIX PRODUCER
20-25 MBOPD

CLEAR LEADER
10-15 MBOPD

DISCOVERER ENTERPRISE
10-15 MBOPD

SSTB #1
10 MBOPD

Questions?

