

Subsea Construction (IMR)

CONTACT INFORMATION

For more information please contact Mike Cargol at: mcargol@wildwell.com

WILD WELL CONTROL

Drilling Technology Center
2202 Oil Center Court
Houston, TX 77073
Tel: 281.784.7400
Fax: 281.784.4750

MARINE SERVICES

- Project Management & Engineering
- Subsea Well Intervention & Abandonment
- Subsea Construction (IMR)
- Unconventional Well Abandonment
- Platform Decommissioning
- Platform & Wreck Removal
- Platform Disaster Recovery

www.wildwell.com

"Experience Makes the Difference"



Subsea SCR tie-in to Deepwater Platform

Wild Well Control Marine Services has been contracted by a Major Oil & Gas Operator to provide project management services, installation engineering and offshore installation of a 6" SCR riser tie-in including SCR hang-off deck (26 ton), 15 riser clamps, spools and metrology to facilitate the tie-in of a subsea well in the Mississippi Canyon field to a fixed deepwater platform. The platform was located in the Viosca Knoll field - offshore GOM in 1,280' water.

OVERVIEW	Subsea installation of 26 ton SCR hang-off deck at -330', installation of 15 riser clamp assemblies and riser tie-in spools from +20'to -330' with metrology done for final tie-in spool and all platform leg preparation to facilitate said installations.
VESSELS	MSV Rem Clough / DSV Sun River
TOOLING	Global Diving & Salvage –SAT Dive Spread Clough – (2) Triton XLX 150hp ROV Legacy Offshore –Surface Dive Spread BTI - subsea milling kit / ROV barnacle buster Bolt Tech – stud tensoning
WATER DEPTH	1,280' (Dive to -330' / ROV to -1,280')
PROJECT DURATION	24 Days
TIMING	Completed Q3 - 2009

Scope of Work - installation of the 102" SCR hang-off deck, 15 riser clamps and riser spool pieces from the +20' elevation to -330' water depth. In order to provide the client with safest and most cost effective operation, WWCI elected to conduct the tie-in operations in three distinct phases utilizing both a moored DSV with surface dive spread and a DP II MSV with SAT dive spread and work class ROV's.

Phase I - consisted of the preparation of the leg with both divers and ROV's; installation of the 102" Stop Collar and SCR Hang-Off deck (26t) at a water depth of -330'. Operations were completed utilizing the MSV Rem Clough (DP II) outfitted with a Saturation Dive system and (2) Work Class ROV's and Marine growth removal was done through the use of diver deployed cavitation blasters and SIMOP ROV operations utilizing a bespoke designed barnacle busters. WWCI in conjunction with BTI provided bespoke designed milling equipment to safely mill off 4 doubler plates without causing any surface damage to platform leg

Phase II - consisted of the installation of riser clamps and spools from +20' elevation to 120' water depths. Operations were completed utilizing the DSV Sun River (4-point) with Surface Dive system and Marine growth removal was done through the use of a cavitation blaster

Phase III - consisted of the installation of riser clamps and spools from -120' elevation to -330' water depth. Metrology was conducted between the flange faces at -305' and -330' with tie-in spool being fabricated onsite. Operations were completed utilizing the MSV Rem Clough (DP II) outfitted with a Saturation Dive system and (2) Work Class ROV's.