October 2014 Volume 2/ Issue 10

PROJECT NEWSLETTER

Status Summary

The Delta House FPS is now permanently moored and ballasted down to working depth on location at Mississippi Canyon Block 254! The full complement of Production Operations crew plus construction and commissioning personnel are on board and actively working to prepare the FPS for production.

The Ensco 8503 dynamically positioned drill rig is on location to drill and complete Well #3. The Seadrill West Neptune is currently off of the southeast coast of Africa on its' way to the Gulf of Mexico.

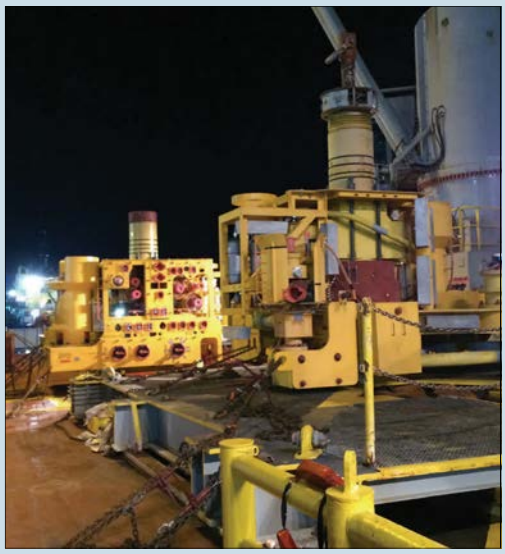
Construction crews are currently installing the oil pipeline pig launcher and receiver skids and associated piping on the Enterprise VK 817 "A" platform. The Technip Deep Blue has completed installation of the MC 387/431 pipelines and is currently mobilizing trip #3 to install the MC 255/256/300 pipelines and steel catenary risers (SCRs).
The Oceaneering OI4 is also mobilizing to install the first of five subsea control umbilicals and install all four Umbilical Termination Assemblies (UTAs).

The area around Delta House will be a very busy place for the next few months with up to 8 marine vessels to support the drilling, pipeline and umbilical installation and construction activities.

Delta House-
Moored On Location

Drilling & Completions

This month, the Sevan Louisiana continues drilling operations at the Otis Prospect. Due to the delays experienced at the Otis exploration well, the Ensco 8503 has been contracted to drill the Well #3 before completing all three wells. The Well #3 should spud in the next week. By the time the Ensco 8503 enters the completion phase of operations, the Seadrill West Neptune is expected to be in the Gulf of Mexico preparing for its first well, MC 255/256/300 #1. As mentioned, the Seadrill West Neptune continues its journey to the Gulf of Mexico as it crew changes in Mauritius this week prior to heading to Walvis Bay. The rig continues to impress the on-board LLOG team as the commissioning process continues. The completions group has been busy preparing the subsea trees. Trees have been installed on Well #1 and #2 and MC 255/256/300 #1 and #2 over the past month. Currently, 2 additional trees are undergoing testing at FMC in Houston. These trees will be installed in the coming months. Testing of the following 2 trees will commence as those completion start dates draw nearer.



Well #1 and #2 trees on board the
MV Surf Challenger await installation

Production Systems Engineering

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Engineering/Design:

- Overall progress for Engineering Topsides through September is approximately 100%. However, Audubon is continuing support with resolving DNV issues, process commissioning support, and purchasing spare parts
- 100% of P&ID's have been issued Rev 0 and 4672 (100%) of ISOs have been issued
- Permitting Documentation has been issued
- Commingling drawing has been issued
- Completed Wiring and Instrument Location Plans, as well as LOOP Diagrams
- Completed Commissioning support for Temporary Certificate of Inhabitance
- Started Commissioning support for process systems

Procurement:

- 113 Topsides Purchase Orders have been completed
- Change Orders for Spare Parts and miscellaneous items are ongoing

Subsea Systems & Pipelines Engineering

PINNACLE
ENGINEERING

TOPSIDES

VK 817 Topsides

- Launcher & Receiver Skids (UPCS) – Received and installed on designated coordinates 10/12/14. Relocated chemical injection skid for pig receiver installation. Activities included the only anticipated shut in.
- E & I (Omega) – Technicians on location terminating and testing instrumentation logic and communications through the PLC panel.
- Boarding Shutdown Valves (Cameron) – 12" boarding valves and 2" valves received and installed. 12" SDV undergoing testing, anticipating a 10/17/14 delivery.
- Offshore Hookup (QCP) – Construction activities ongoing with major skids installed in place. Scheduled for completion early November.

SUBSEA

Engineering & Regulatory

- One jumper permit is still pending approval. All other DWOP, pipeline, jumper, and umbilical permits have been approved.

Pipeline & Riser

- SCR & Line Pipe – All pipe has been coated and shipped to Technip.
- Titanium Stress Joints (2H/RTI) – Fabrication is complete. First two TSJ's shipped to Technip, and the remaining will be shipped in a few weeks when storage space is available.

Manifolds, Jumpers and PLETs

- Subsea Manifolds (Spitzer) – Fabrication is complete and manifolds have shipped.
- PLET's (Omega) – Fabrication is complete and PLET's have shipped.
- Jumpers (New Industries) – Fabrication is in progress. FMC weld remediation of KLV8 connectors is complete.

Subsea Distribution

- Umbilical Fabrication (Duco) – MC 255/256/300 dynamic and static umbilicals were shipped to Fourchon. MC 387/431 umbilical layup is complete, and pre-extrusion testing is ongoing.
- Subsea Controls (FMC) – Subsea hardware fabrication is complete. Shipping of components to Houma and Fourchon is ongoing.

Pipeline & Riser Installation (Technip, Completion: 11/1/14)

- Infield – Deep Blue Trip 2 (12" Oil Short Line and MC 387/431 flowlines) was completed. Trip 3 will take place between 10/18/14 and 10/30/14. The DSV Uncle John is scheduled to begin all SCR pull-ins and hull spool installation on 10/19/14.
- Export – The DSV Uncle John completed 12" riser installation and leak test at VK 817 "A" on 8/5/14. The DSV Texas completed the VK 859 gas hot tap and net guard installation for BP on 9/16/14. Pipeline commissioning and tie-ins are scheduled for mid-November.

Umbilical & Subsea Controls Installation

- Oceaneering is scheduled to install the MC 255/256/300 South static umbilical beginning around 10/12/14, MC 255/256/300 North and the Dynamic umbilicals around 11/5/14, and the MC 387/431 umbilical in early 2015.

Marmalard Umbilical

Mooring & Installation

Installation and Hook-Up:

- Mooring Line Installation and Hook-Up complete
- Mooring Line Survey to be performed in November