



**SOUTHWEST**  
OILFIELD PRODUCTS



# SERVICE ANYTIME, ANYWHERE...

even in the **NORTH SEA!**

**Southwest Oilfield Products** is driving field service offerings on a global scale. Sales Development Manager-Europe, Ian Strachan along with our Norwegian representative, Mento recently had a huge service win in securing the overhaul of an EMSCO FB-1600 mud pump located on an offshore drilling platform in the Norwegian sector of the North Sea.

Field service representative, Richard Parker was assigned to the project and responsible for providing technical direction for the EMSCO FB-1600 overhaul. Richard was very familiar and prepared for the challenges presented in performing overhauls in offshore environments such as limited workspace which adds to the complexity of installing the crankshaft, bearings, and rods along with performing critical power-end inspections. To ease these tasks, custom tooling was manufactured on-site to perform alignment checks and complete other overhaul duties.

In a matter of days, the pump was successfully overhauled and reassembled. To ensure operational integrity, numerous post-assembly performance runs were completed while Richard was onsite and these tests were deemed successful.

One week after completing the overhaul project, we received a request from the customer asking for our technician to return to the platform. The rig's

maintenance manager expressed his satisfaction with the knowledge and mechanical aptitude of our field service representative and wanted Southwest Oilfield Products to perform alignment checks on the rig's other two mud pumps!

As we planned for this alignment project we determined the utilization of our Zero-N Laser Alignment System would be best due to its portability and accuracy. The Zero-N Laser is accurate to within 0.001" in both X and Y axes with a digital readout for consistent, repeatable measurements. This tolerance is critical in properly aligning the mud pump which greatly increases the life of key mud pump consumables such as pistons and liners.

To learn more about our service offerings, please visit our website at [www.swoil.com](http://www.swoil.com) or contact us today at 1-800-392-4600.

#### Service Solutions Include:

- *Equipment Installations*
  - *Power-End Overhauls*
  - *Power-End Inspections*
  - *Laser Alignment*
  - *Preventive Maintenance*
- and more...*



Ready to Serve You

**1-800-392-4600**