

## CASE STUDY

# SSX-SPAN™

Systems

### CHALLENGE:

- Suspend 2000 feet of 8.50 O.D. expandable sand screens in open hole section
- Provide a seal around top section of screens at casing shoe to prevent sand production

### SOLUTION:

- Utilize Owen Oil Tools X-Span technology to suspend the screens in the well bore.

### RESULTS:

- Successfully ran and set suspension system at casing shoe with 90 degrees angle, test and release in less than 12 hrs..

### OVERVIEW

An operator of an offshore well situated in 6000 feet (1830 M) of water wanted to suspend over 2000 feet of 8.50 expandable sand screens in the horizontal section of the well bore. The suspension system would need to provide a seal in the casing shoe to prevent sand production.

### SOLUTION

Utilize a single SSX-Span element based on Owen Oil Tools X-Span technology. The SSX-Span system is capable of > 100,000 pounds of suspension capacity. The system provides a metal to metal, fluid or gas tight seal without the need for cementing. The sand screens would be expanded once suspended and as a result required a large bore to complete the expansion and accommodate subsequent completion workover activities.

### RESULTS

The system was run to depth, successfully set above the casing shoe with 90 degrees angle in the wellbore. The seal was pressure tested and running equipment pulled to surface. Mechanical expansion process of the sand screens was completed successfully. Completed installation in less than 12 hours. The operator realized significant savings over conventional methods.

