Weatherford®

REAL RESULTS

Onshore Brunei: Custom-Designed Five-Zone Optical Sensing System Saves Operator Significant Rig Time and Costs

Objectives

- Change a planned four-zone completion to a five-zone completion in an efficient and cost-effective manner.
- Provide efficient and reliable data management.
- Perform 11 cable-to-cable splices on-site.

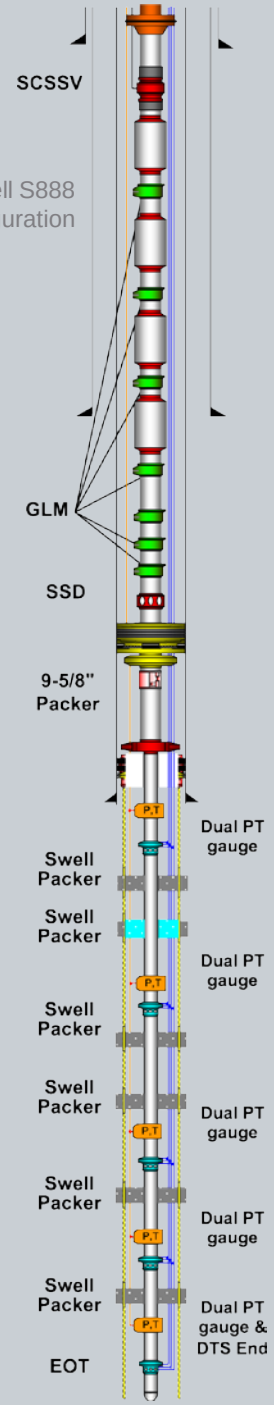
Results

- The operator received the industry's first five-zone, multiparameter optical sensing system.
- Ten optical pressure and temperature gauges were installed across five zones.
- A distributed temperature sensing system (DTS) and five pressure and temperature gauges were installed on a single optical cable.
- Weatherford developed a simple procedure, which enabled the operator to perform half the necessary fiber optic cable splices offline to increase efficiency.

Value to Client

- The success of Weatherford's custom-designed five-zone system and enhanced installation procedure enabled the operator to save 20 hours of rig time and over US$100,000.
- Using Weatherford's single-cable solution provided the operator with more efficient and reliable data management capabilities.

Seria North Flank Well S888 system configuration



Location
Brunei

Field
Seria North Flank

Well Type
Onshore

Products/Services
- Intelligent completion technology
- Optical pressure temperature (P/T) gauges
- Distributed temperature sensing system

Weatherford.
Casey Bechdol
ICT Coordinator
casey.bechdol@weatherford.com

Weatherford products and services are subject to the Company's standard terms and conditions, available on request or at weatherford.com. For more information contact an authorized Weatherford representative. Unless noted otherwise, trademarks and service marks herein are the property of Weatherford and may be registered in the United States and/or other countries. Weatherford products named herein may be protected by one or more U.S. and/or foreign patents. For more information, contact patents@weatherford.com. Specifications are subject to change without notice. Weatherford sells its products and services in accordance with the terms and conditions set forth in the applicable contract between Weatherford and the client.

© 2011 Weatherford. All rights reserved. 7768.00