

Pakistan

# Revolutionized production: How Pakistan's first intelligent completion unlocked new opportunities for single-string optimization

Halliburton delivers first intelligent completion system in Pakistan

## CHALLENGE

- Manage diverse pressure regimes in commingled production
- Reduce well footprint
- Produce multiple pressure-rated gas streams from a single well

## SOLUTION

Design and develop two-zone SmartWell® intelligent completion, a first-of-its-kind solution in the country to:

- Independently manage and control production or injection in each zone
- Remotely monitor downhole data in both zones to provide real-time insight and optimize operations

## RESULT

- Increased reservoir production in the field, with optimized output from each zone based on real-time data
- Enhanced reservoir production via selective control and monitoring of individual laterals

## Overview

In a breakthrough project, Halliburton worked with an operator to introduce intelligent completion technology to Pakistan's oil and gas industry. The successful installation in a large onshore gas field delivered significant benefits, including customized flow trims and increased production. This ongoing collaboration focuses on maximizing asset value and demonstrates the success of innovative teamwork.

## Challenge

The operator aimed to commingle production from multiple reservoirs with distinct pressure regimes, reduce the well footprint through optimized design, and enable simultaneous production of different pressure-rated gas streams from a single wellbore.



**FIRST**  
intelligent completion  
installation in Pakistan



## Solution

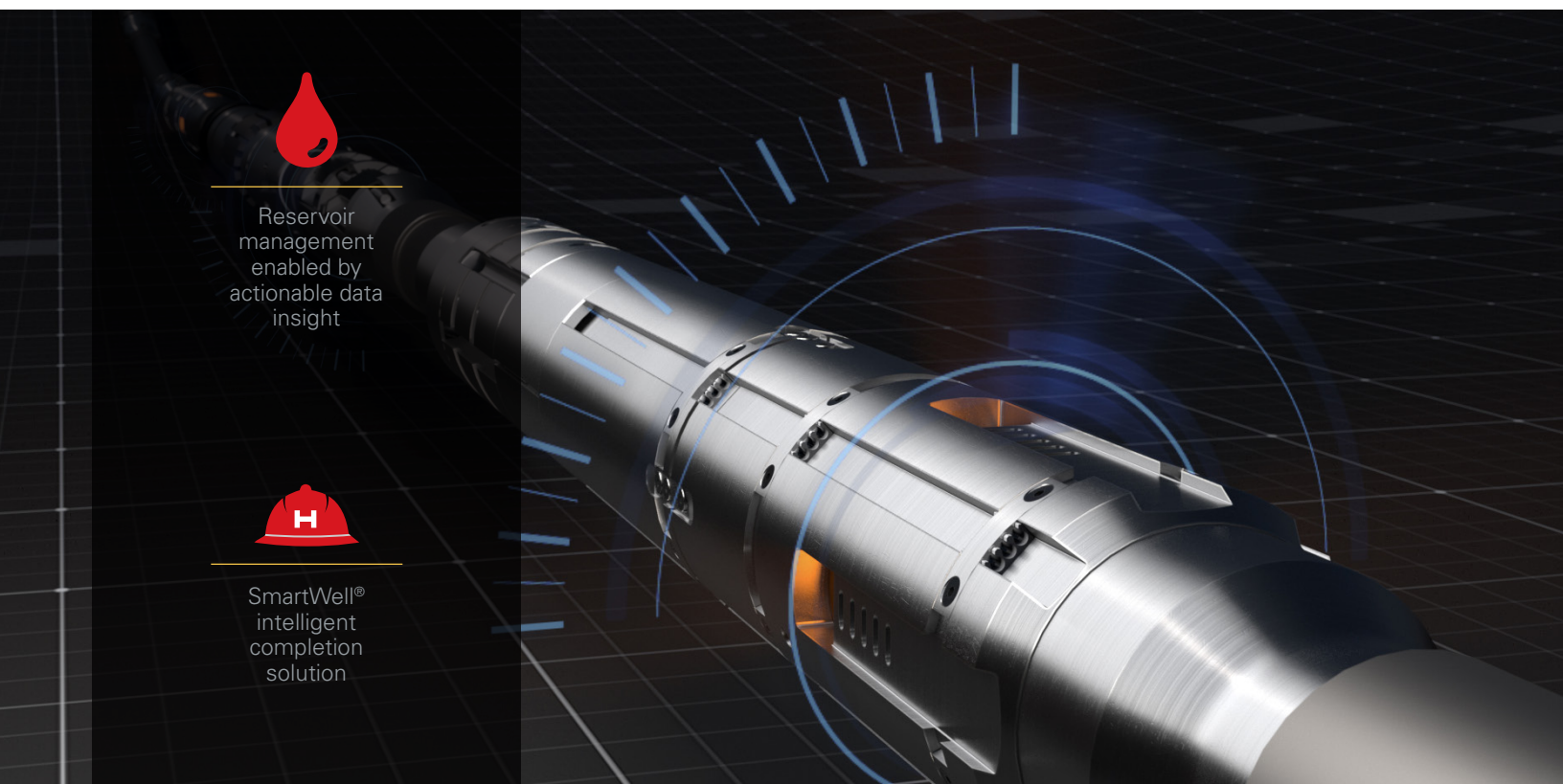
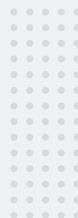
Halliburton developed a two-zone SmartWell® intelligent completion, the first-of-its-kind in the country. This solution enabled the operator to independently control production or injection in each zone and remotely monitor downhole data in real time to optimize operations.



## Result

The intelligent completion solution and customized flow trim designs allowed the operator to reduce well count, effectively control reservoir production through selective control, and monitor individual zones.

The operator boosted reservoir output and optimized each zone using real-time data.



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