In an ultradeepwater Gulf of Mexico project in excess of 8,000 ft (2438 m) with a potential for strong loop currents, an operator needed to monitor and remotely control the individual zones in the high-rate gas wells to reduce high-intervention operating costs and associated risk.

The operator chose Baker Hughes’ two-zone InForce™ intelligent well system with 4½-in. HCM-Plus™ (shrouded and non-shrouded) hydraulic sliding sleeves, splice sub, 9½-in. x 4½-in. Premier™ packer with six feed-through ports and debris barrier, and the Neptune™ safety valve.

The completion team used this equipment to construct 93-ft (28.3-m) completion assemblies using compensating slings. The completion assembly produced each zone selectively and the operator was able to monitor and control individual zones from the surface.