



# Weatherford®

## REAL RESULTS

### Triple-Zone Selective Gravel Pack Helps South Louisiana Independent Avoid Future Workovers to Save an Estimated \$175,000

#### Objectives

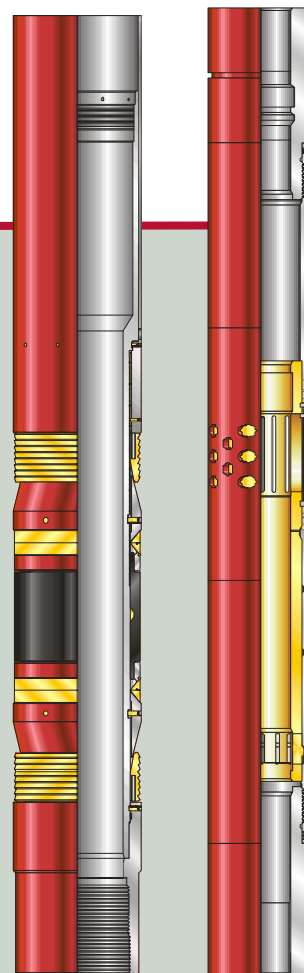
- Exploit remaining reserves in three marginal zones in a reservoir that is prone to sand production.
- Sequentially perforate and gravel pack three separate zones, using Weatherford's hook-up nipple (HUN) system.
- Use a single supplier to combine a broad range of products and services, including mechanical service packers, gravel pack service tools, production packers, sliding sleeves, and sand screens, to allow selective production of the reservoir.

#### Results

- Applying a completion technique that is normally limited to single-zone gravel-pack completions, Weatherford sequentially installed the gravel-pack hardware for three separate zones during one rig intervention.
- Circulating gravel packs were performed, using Weatherford's screen-wrapped sliding sleeves, which were closed with washpipe after the gravel pack.
- UltraPak™ packers were used for the sump and isolation packers, heavy-duty service packers were used for the gravel packs, and a model PR-3 retrievable packer was set as the production packer in the completion string.

#### Value to Client

- The triple-zone selective completion saved two future workovers by eliminating the need to perform separate interventions to access the middle and upper zones. With the elimination of the need for at least two mobilizations and demobilizations, tug and barge costs, and day-rate savings for an inland barge rig, the operator's total savings were about US\$175,000.

**Location:**

Inland waters, south Louisiana

**Casing:**

5 1/2-in., 17-lb/ft

**Tubing:**

2 3/8-in., 4.6-lb/ft

**Bottom zone:**

3,406 to 3,409 ft (1,038 to 1,039 m)

**Middle zone:**

3,354 to 3,356 ft (1,022 to 1,023 m)

**Upper zone:**

3,018 to 3,020 ft (919 to 920 m)

**Screen:**

2 3/8-in. x 0.008-ga wire-wrapped, complete with SL 1 production sliding sleeve