



# Weatherford®

## REAL RESULTS

### Subsurface Safety Valve Saves the Day after Barge Collision, Leads to Valve Installations throughout the Field

#### Objectives

- Install Weatherford Model PB subsurface-controlled subsurface safety valves (SSCSSVs) on 20 or more oil and gas wells in an inland water field. Leading up to the decision to install the valves was an incident involving a rogue tugboat that had pushed a barge into a well. Fortunately, the well was equipped with a safety valve, which prevented a major spill that would have had significant environmental and economic consequences. After reviewing the possible field-wide liability, the operator decided to immediately begin installation of Weatherford's PB SSCSSVs on all flowing wells in the field.

#### Results

- Weatherford modeled each well with nodal analysis to ensure the optimal emergency shut-in setting. The Model PB valves chosen for use are API 14A certified.
- Within one month, 15 PB SSCSSVs had already been installed by slickline, with minimum downtime.

#### Value to Client

- Installation of the safety valves and Weatherford's quick response provided the operator with protection against spills caused by accidents and storms, avoiding costly environmental damage and production losses.

Weatherford's wireline-retrievable subsurface-controlled SSCSSV is available in 3,000-psi and 10,000-psi operating pressure variants. There is no setting depth limitation. Field-proven design is certified to API 14A, Q1 specifications.

#### Location

Inland waters, Louisiana, USA

#### Number of Wells

20+

#### Well Type

Naturally flowing gas and oil

#### Rig

Slickline

#### Tubing Sizes

3-1/2, 2-7/8, and 2-3/8 in.

#### Hole Angle

Vertical and deviated

#### Setting Depth

Dependent on landing nipple

#### Products/Services

- Model PB subsurface-controlled subsurface safety valves
- Lock and equalizing adapter

